DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 2780

DO NOT DETACH THIS SLIP

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

This document has been recorded as

EXPLORATION ASSISTANCE

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

One copy to Region IV, USGS. & USBM.

Routing Slip

To:	Code 700, Room 4640	Date	11/19/52
To:	Code 700	Date	7/9/53
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DO NOT DETACH

CONTROLLED DOCUMENT

FILE COPY
SURNAME:
Docket.
FLKnouse

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

JUL 2 8 1953

Mr. [illegible] Matters
Dolores, Colorado

Re: Docket No. [illegible]A-2780 (Uranium)
Betty W, Francis [illegible] and Dig Joe
Mining Claims
San Juan County, Colorado

Dear Mr. Matters:

This will acknowledge receipt of your letter dated July 20, 1953, advising that you prefer to cancel your above-named application. We are, accordingly, removing this docket from our list of active applications and are placing it in our closed file.

Sincerely yours,

C. O. Mittendorf

Administrator

FLKnouse/pla/db
7-27-53
cc to: Adm. Pending File
Docket
Messrs: H.D.Foiner, Rm. 3641
[illegible].T.Butler, Jr., Rm. 3206, GSA
[illegible]llis
Knouse
DMEA Field Term, Region IV (2)

R.G. 7-28-53

7/27/53 gla

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JULY 27 1953

M. R. WATTERS
Uranium Mines
DOLORES, COLORADO

July 20, 1953

Re: Docket No. DMEA-2780 (Uranium)
Betty W. Francisk and Big Joe
Mining Claims
San Juan County, ~~Colorado~~ Utah

United States Dept. of the Interior
Defense Minerals Exploration Admin.
Washington 25, D.C.

Dear Mr. Ellis:

I now have a crew of men and equipment on claims, Betty W, Francisk and Big Joe. Will do exploration work on them myself.

I very muchly appreciate your co-operation on this application. Didn't feel like I could do the work that I planned to do, since I have these other operations going.

I would prefer to cancel out my application. Thanks again for your co-operation.

Very truly yours,
M. R. Watters

FILE COPY
SURNAME:
Docket
Ellis
Mattenberg

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

JUL 8 1953

Mr. M. R. Watters
M. R. Watters Mining Co.
Dolores, Colorado

Re: Docket No. DMEA-2780 (Uranium)
Betty W, Francis K and Big Joe
Mining Claims
San Juan County, Colorado

Dear Mr. Watters:

Reference is made to your letter of March 26, 1953, and our reply of April 10, wherein we informed you that we would hold the above-docketed application in abeyance for a period of time pending further word from you.

We would like to know if the Atomic Energy Commission has completed the work which you indicated they proposed to do. If so, we would appreciate being advised what their findings were.

In addition to the above information, kindly advise us whether or not you desire us to proceed with the processing of this application. If so, we will require the information requested in our letter to you of December 4, 1952.

We would appreciate receiving a reply at an early date.

Sincerely yours,

SIGNED

Ernest Wm. Ellis, Chief
Rare and Misc. Metals Division

FLKnouse/gla/db
7-8-53
cc to: Adm. Reading File
Docket
Messrs: H.D.Keiser, Rm. 3641
A.B.Butler, Rm. 3206, GSA
Ellis
Knouse
DMEA Field Team, Region IV (2)

R.C.G.
7-8-53

FILE COPY
SURNAME:

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

F. E. Engman
Ellis
Mitchell

Mr. R. E. Sutters
R. E. Sutters Mining Co.
Dolores, Colorado

APR 10 1953

Re: Docket No. [illegible]-2/60 (Uranium)
Betty M., Francis K and Bill, Joe
Mining Claims
San Juan County, Colorado

Dear Mr. Sutters:

We acknowledge receipt of your letter dated March 24, 1953, in which you state that you are unable to supply the data requested in our letter of December [illegible], 1952, at this time.

We note you have been informed by a representative of the Atomic Energy Commission that within the next 10 to 30 days one will map the claims and do some trench work on your property; furthermore, that you will be unable to do any work on said property before that time. We will hold your application open for that period of time, or for a reasonable time thereafter.

We will appreciate your keeping us informed of the progress of this work.

Sincerely yours,

SIGNED
Ernest M. Ellis, Chief
Mineral Exploration Division

Knouse/Ellis/ la
4-10-53
cc to: Mr. Mueller file
Doc et
Messrs. APSutler, Jr. Rm. 3226 GSA
*JOHosted, Rm. 3210 GSA
*HKeiser, Rm. 3047
Ellis
Knouse
Field Team, Region IV (2)

with copy incoming letter

J.C. 4/10/53

3/31/53 gla

M. R. WATTERS Mining Co.
~~Uranium Mines~~
DOLORES, COLORADO

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 30 1953

March 26, 1953

Mr. Ernest W. Ellis, Chief
Washington 25, D.C.

Re: Docket No. DMEA-2780 (Uranium)
Betty W. Francis K and Big Joe
Mining Claims
San Juan County, Utah
Docket Dated Nov. 17, 1952

Dear Mr. Ellis:

Due to conditions that arises, I seem to be unable to find a Mining Engineer or Geologist to survey and map Claims to scale, as you requested on loan.

I was in to Utah last week. roads are not as yet completed from Blanding to Claims, which is under construction at this time.

I talked with Mr. Leo Miller, whom is head Geologists for AEC in this particular area. Mr Miller informed me that within the next 60 to 90 days they would map and run channells on my claims. Being very busy will be unable to do more on this loan for next 90 days. If you want to cancel out loan. Will try to do work myself

Respectfully Yours.
M. R. Watters

3-6-53 jmi

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 5 1953

M. R. WATTERS
Uranium Mines
DOLORES, COLORADO

March 3, 1953

Mr. Ernest Wm Ellis
Washington 25, D.C.

Re: Docket No. DMEA-2780 (Uranium)
Betty W, Francis K and Big Joe
Mining Claims
San Juan County, Utah
Docket dated Nov. 17, 1952

Dear Mr. Ellis:

In regards to loan, we have had some pretty hard storms in last 60 days. Was impossible to get to claims to get information you requested, due to snow on roads. Will get information for you by the first of May. Roads are being built.

Yours truly,
M. R. Watters

FILE COPY
706 SURNAME:

F.L. Knouse
Ellis

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

FEB 2 6 1953

Mr. [illegible] Matters
R. F. D. #1
Dolores, Colorado

Re: Docket No. [illegible]-2770 (Uranium)
Betty [illegible], Francis [illegible] and Big Joe
Mining Claims
San Juan County, Colorado
Docket dated November 17, 1952

J.C. 2/26/53

Dear Mr. Matters:

This is with reference to your letter dated February 16, 1953, that requests an extension of time in which to obtain information requested in our letter dated December 4, 1952.

So that we may keep our records current, will you kindly advise when we may expect to receive this information.

Sincerely yours,

SIGNED

Ernest [illegible] Allis, Chief
Rare and Misc. Metals Division

FLKnouse/jem
2/25/53
cc to: Adm. Reading File
Docket
Messrs. H. Keiser-3647
A. Butler-3206 GSA
J. Hosted-3210 GSA
Ellis Knouse Field Team, Reg. IV (2)

2/24/53 gla

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 20 1953

M. R. WATTERS
Uranium Mines
DOLORES, COLORADO

Feb. 16, 1953

Mr. Ernest Wm. Ellis, Chief
Rare an Misc. Metals Div.
Washington 25, D. C.

Re: Docket No. DMEA-2780 (uranium)
Betty W, Francis and Big Joe
Mining Claims
San Juan County, (Utah)

Dear Mr. Ellis:

I am receipt of your letter of Feb. 4, 1953. In reference to loan due to weather conditions I have been unable to get into this area since receiving your letter of Dec. 4, 1952.

Talked to Mr. Ernie Gordon Feb 7, 1953 of the A.E.C., Grand Junction, Colo. The Atomic Energy Commission has some men close to the area of these claimes. Weather permitting will get this information soon.

Would thank you very much for more time on this matter. Will attend to as soon as possible.

Yours truly,
M. R. Watters

FILE COPY
SURNAME:

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

FEB 4 1953

Mr. M. R. Watters
R. F. D. #1
Dolores, Colorado

Re: Docket No. DMEA-2780 (Uranium)
Betty W, Francis K and Big Joe
Mining Claims
San Juan County, Colorado

J.C. 2/4/53

Dear Mr. Watters:

Reference is made to our letter of December 4, 1952, which requested certain information which is required to further process your above-docketed application dated October 27, 1952.

No reply has been received 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 has not been received by March 1, 1953, we will then consider the docket closed.

Sincerely yours,

SIGNED

Ernest Wm. Ellis, Chief
Rare and Misc. Metals Division

GLAult/FLKnouse/gla
2-3-53
cc to: Adm. Reading File
Docket
Messrs. H. D. Keiser-3647
A. P. Butler, Jr.-3206 GSA
Ellis
Knouse
Field Team, Reg. IV (2)

FILE COPY
SURNAME:

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

DEC 4 1952

Mr. M. K. Watters
R. F. D. #1
Dolores, Colorado

Re: Docket No. DMEA-2780 (Uranium)
Betty J, Francis K and Big Joe
Mining Claims
San Juan County, Colorado

Dear Mr. Watters:

Reference is made to the captioned application being processed by this office. Before we can continue with the processing of this application we will require the following information:

1. Furnish a map or sketch drawn to scale showing the location of the mining claims to be explored and the location of any adjoining mining claims or property controlled by you.

2. On the map or sketch show the proposed work, geology formations to be explored, location of mineral exposures with sample data, as justification for the work. A narrative description of each mineral exposure will be helpful i. e. width and length of exposures, description of the mineralization and radiometric indications.

Upon the receipt of the above information we will be able to continue processing your application.

Sincerely yours,

SIGNED

Ernest M. Ellis, Chief
Rare and Misc. Metals Division

F.Knouse/jem
12/3/52
cc to: Adm. Reading File
Docket
Messrs. H.D.Reiser-3647
A.P.Butler-3206 GSA
Ellis Knouse
Field Team, Reg. IV (2)

STANDARD FORM NO. 64

12/2/5 ogle

Office Memorandum • UNITED STATES GOVERNMENT

TO : E. Wm. Ellis, DMEA Member, Uranium Commodity Committee

DATE: November 28, 1952

FROM : Arthur P. Butler, Jr. USGS Member, Uranium Commodity Committee

SUBJECT: Application DMEA Docket 2780 (uranium), Marion R. Waters, R.F.D. 1, Dolores, Colo., Applicant: Betty W., Francis K., and Big Joe claims, location indefinite, San Juan Co., Utah.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 1 1952

Comment

The applicant proposes to explore by drilling and driving of adits parts of three claims identified in the subject above. Exploration is to be carried out in the Shinarump conglomerate, a formation that is a host rock for uranium deposits elsewhere in the general region.

No information pertaining to these claims is available in the Washington files of the Geological Survey. The applicant does not identify the location of his claims precisely enough so that it can be determined to what extent general information on the region may be applicable to the locality of his claims. In addition, he does not furnish any information on the uranium content, the lateral extent, or thickness of the uranium occurrences on his property that would be pertinent to evaluation of the proposed exploration.

Recommendations

In view of the deficiencies of the application, I recommend that it be returned to him for completion with respect to the following points:

1) More precise identification of the location of the property. This could be satisfied by indicating the location as accurately as possible on the appropriate one of the following topographic maps: White Canyon 3 NW quadrangle, White Canyon 3 NE quadrangle, and White Canyon 2 SE quadrangle, Utah. These maps are available for $.50 each from the Rocky Mountain Region Engineer, U. S. Geological Survey, Denver Federal Center, Denver, Colorado.

2) Thickness of the uranium mineralized rock at each claim as indicated by analyzed samples.

3) Lateral extent of mineralized rock at each claim as indicated by analyzed samples.

4) Results of analyses of samples and the length over which each sample so analyzed was taken.

Such information is necessary before a decision can be made on advisability of referring the application to the Field Team.

Arthur P. Butler, Jr.

Arthur P. Butler, Jr.

Copy to E. Wm. Ellis

IN REPLY REFER TO:

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

E. Wm. Ellis, DMEA Member, Uranium Commodity Committee

November 28, 1952

Arthur P. Butler, Jr. USGS Member, Uranium Commodity Committee

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 1 1952

Application DMEA Docket 2780 (uranium), Marion R. Waters, R.F.D. 1, Dolores, Colo., Applicant: Betty W., Francis K., and Big Joe claims, location indefinite, San Juan Co., Utah.

Comment

The applicant proposes to explore by drilling and driving of adits parts of three claims identified in the subject above. Exploration is to be carried out in the Shinarump conglomerate, a formation that is a host rock for uranium deposits elsewhere in the general region.

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2) Thickness of the uranium mineralized rock at each claim as indicated by analyzed samples.

3) Lateral extent of mineralized rock at each claim as indicated by analyzed samples.

4. Results of analyses of samples and the length over which each sample so analyzed was taken.

Such information is necessary before a decision can be made on advisability of referring the application to the Field Team.

Cy. to E. Wm. Ellis

Arthur P. Butler, Jr.

Copy to E. Wm. Ellis

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Form Approved.
Budget Bureau No. 42-R1035.2.

DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration
RECEIVED
NOV 17 1952

APPLICATION FOR AID IN AN EXPLORATION PROJECT, PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

Not to be filled in by applicant

Docket No. dmea 2780
Metal or Mineral
Date Received 11-17-52
Estimated Cost
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: Marion Robert Watters
R. F. D. #1
Dolores,
Colorado

(*b*) If other than an individual, add to your name above whether a corporation, partnership, etc., and the name of the State in which incorporated or otherwise organized.

(*c*) If a corporation, add to above statement, titles, names and addresses of officers.

(*d*) If a partnership, add to the above statement the names and addresses of all partners.

2. *General.*—Read DMEA Order 1, "Government Aid in Defense Exploration Projects," before completing this application. Submit this application and all accompanying papers in quadruplicate (four copies), with your name and address on each sheet of the application and on all accompanying papers. Where sufficient space is not provided on the form for all required information, state it on an accompanying paper, with a reference in each case to the instruction to which it refers by number. Comply with all applicable instructions; or, if not applicable, so state. File the application with Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest field executive officer thereof.

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract See Schedule A, attached.

(*b*) State any mine name by which the property is known. This is undeveloped property so no mine name has been used.

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Owner.

(*d*) If you are not the owner, submit with this application a copy of the lease, contract, or other document under which you control the property. Not applicable.

(*e*) If you own the land, describe any liens or encumbrances on it There are no liens or encumbrances on the above named claims.

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice. See Schedule A, attached.

4. *Physical description.*—(*a*) Describe in detail any mining or exploration operations which have been or now are being conducted upon the land, including existing mine workings and production facilities. State your interest, if any, in such operations. Also describe accessibility of mine workings for examination purposes. See Schedule B, attached.

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades. Not applicable.

(*c*) Describe the geologic features of the property, including mineralization, type of deposit (vein, bedded, etc.), and your reasons for wishing to explore. Illustrate with maps or sketches. Send with your application (but not necessarily as a part of it) any geologic or engineering report, assay maps, or other technologic information you may have, indicating on each whether you require its return to you. See Schedule B, attached.

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points. See Schedule B, attached.

(*e*) State the availability of manpower, materials, supplies, equipment, water, and power. See Schedule B.

5. *The exploration project.*—(a) [redacted]ate the mineral or minerals for which you w[redacted] to explore .....

Uranium and [redacted]

(*b*) Describe fully the proposed work, including a map or sketch of the property showing a plan (and cross sections if needed) of any present mine workings, and th[redacted] proposed exploration work as related to such features as contacts, veins, ore-bearing beds, etc. See Schedule [redacted] attached.

(*c*) The work will start within 60 days and be completed within 24 months from the date of an exploration project contract. weather permitting

(*d*) State the operating experience and background of the applicant with relation to the ability to carry out such exploration project, and also that of the person or persons who will supervise the operations. See Schedule C.

6. *Estimate of costs.*—Furnish a detailed estimate of the costs of the proposed work (you will have to use a separate sheet), under the following headings. Add the totals under all headings to give the estimated total cost of the project:

(*a*) *Independent contracts.*—(Note.—If the applicant does not intend to let any of the work to contractors, write "none" after this item. To the extent that the work is to be contracted, do not repeat the cost of the contract-work in subsequent items.) State the cost of any proposed independent contracts for the performance of all or any part of the work, expressed in terms of units of work (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved, etc.). See Schedule D.

(*b*) *Labor, supervision, consultants.*—Include an itemized schedule of numbers, classes and rates of wages, salaries or fees for necessary labor, supervision and engineering and geological consultants. See Schedule D.

(*c*) *Operating materials and supplies.*—Furnish an itemized list, including items of equipment costing less than $50 each, and power, water and fuel. See Schedule D.

(*d*) *Operating equipment.*—Furnish an itemized list of any operating equipment to be rented, purchased, or which is owned and will be furnished by the Operator, with the estimated rental, purchase price, or suggested use-allowance based on present value, as the case may be. See Schedule D.

(*e*) *Rehabilitation and repairs.*—Furnish a detailed list showing the cost of any necessary initial rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and which will be devoted to the exploration project. See Schedule D.

(*f*) *New buildings, improvements, installations.*—Furnish a detailed list showing the cost of any necessary buildings, fixed improvements, or installations to be purchased, installed or constructed for the benefit of the exploration project. See Sched.

(*g*) *Miscellaneous.*—Furnish a detailed list showing the cost of repairs to and maintenance of operating equipment (not including initial rehabilitation or repairs of the Operator's equipment), analytical work, accounting, workmen's compensation and employers' liability insurance, and payroll taxes. See Schedule D.

(*h*) *Contingencies.*—Give an estimate of any necessary allowances for contingencies not included in the costs stated above. See Schedule D.

NOTE.—No items of general overhead, corporate management, interest, taxes (other than payroll and sales taxes), or any other indirect costs, or work performed or costs incurred before the date of the contract, should be included in the estimate of costs.

7. (*a*) Are you prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation (Sec. 7, DMEA No. 1)? See Schedule D.

(*b*) How do you propose to furnish your share of the costs?

☐ Money ☒ Use of equipment owned by you ☒ Other

Explain in detail on acompanying paper. See Schedule D.

CERTIFICATION

The undersigned, whether as an individual, corporate officer, partner, or otherwise, both in his own behalf and acting for the applicant, certifies that the information set forth in this form and accompanying papers is correct and complete, to the best of his knowledge and belief.

Dated October 27, 1952

Marion Robert Mattery
(Applicant)

By .....

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—66551-1

Merlin Robert Bottoms - Bolsaco Colorado
Application Serial UF - 203

Schedule A
Page 1

3.

(a) Mining Claim known as the Betty S. situated in canyon running northwest into Hidden Valley in San Juan County, State of Utah and described and marked on the ground as follows, to-wit: Beginning at discovery monument, and running 300 ft. east, thence 1500 feet south, thence 600 ft west, thence 1500 ft north, thence 300 ft east to point of beginning, this claim is ½ mile east of Barbara D survey.
Recorded in Book R-2, Page 371, Dated 12/21/52.
County of San Juan, State of Utah.

Mining Claim known as the Prosolo E. situated 1 mile east of Barbara D. Survey in canyon running east southwest in San Juan County, State of Utah and described and marked on the ground as follows, to-wit: Beginning at discovery monument and running 300 ft. east, thence 1500 ft south, thence 600 ft east, thence 1500 ft north, thence 300 ft west to place of beginning.
Recorded in Book R-2, Page 301, Dated 1/4/52

Mining Claim known as the Big Joe situated approximately 3½ miles east of Cactle Butte in Bon Canyon running northwest & southwest in San Juan County, State of Utah and described and marked on the ground as follows, to-wit:
Beginning at discovery monument 300 ft southwest, thence 1500 ft southwest, thence 600 ft northwest, thence 1500 ft northwest, thence 300 ft northeast to point of beginning.
Recorded in Book R-2, Page 307, Dated 1/29/51
County of San Juan, State of Utah.

Marion Robert Watters - Dolores, Colorado
Application Form MF - 103

Schedule B
Page 1

4.

(a) On Betty W., cleared off outcrop by hand and explosives. (assessment work)
On Francis H. cleared off outcrop by hand and explosives. (assessment work)
On Big Joe, cleared off outcrop by hand and explosives. (assessment work)
Each claim is reached by trail only; jeeps can be driven to within one half mile of any of these claims. See 4-(d).

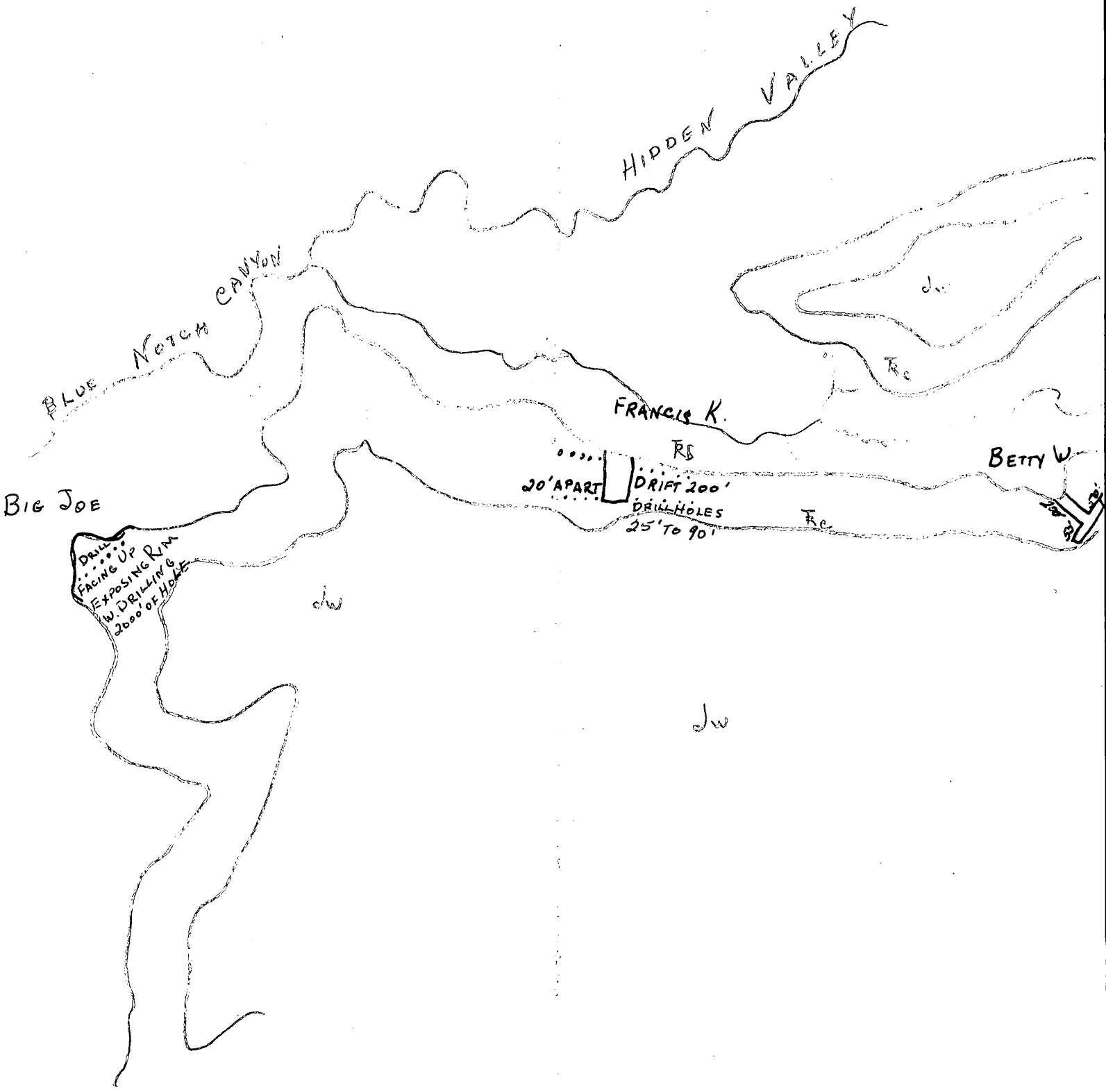
(c) Throughout the area, part of which is covered by the above mentioned claims, a normal section of rocks are exposed, from the Moenkopi upwards through the Shinarump and Chinle to the Wingate capping the mesas. The prospects are in the Shinarump or basal Chinle. The rocks have a slight dip to the west. Mineralization exposed in the outcrop consists of oxidized copper minerals with attendant radioactivity and occurs in old channels, as bedded deposits. Similar croppings in the general region have led to important deposits of uranium ores, and these should be investigated.

(d) Access roads are being built at the present time. The nearest shipping point is White Canyon, Utah, a distance of 25 miles. There is also a VGA mill at White Canyon. Monticello, Utah is 115 miles and there is an ASC mill there as well as a mine supply house.
A camp will have to be established for residence purposes.

(e) Material supplies will be trucked from Monticello, Utah and other supply points. Equipment is owned or will be purchased by applicant. Manpower is available. Water is available within four miles.

Marion Robert Watters, Colorado, Colorado
Application Form SF-103

Schedule C.
Sketch



Marion Robert Watters - Dolores Colorado
Application Form MF - 103

Schedule C
Page 1

5.

(b) Proposed work on the Betty W. Claim. 200 feet of drifting from outcropping due east. 50 feet cross cut north. 50 feet of cross cut south. 200 feet in or on likely prospect. If ore is contacted short of this distance will open there.

Proposed work on the Francis K. Claim. 200 feet of drift from outcropping in southerly direction. Wagondrilling on west side of drift starting 30 feet from out crop south. 5 drill holes 40 feet deep or ore bearing formation. Starting from drift, 20 foot spacings to west. 70 feet south, 20 foot spacings west from drift. 40 foot from outcroppings east side of drift 5 drill holes, 20 foot spacings. 100 feet from face east side 5 wagon drill holes, 20 foot spacings 75 feet deep.

Proposed work on the Big Joe Claim. Facing up, exposing rim, wagon drilling. 3500 feet of holes across claim approximately 1200 feet, 20 foot spacings, from monument across claim to southwest.

(d) The applicant has had approximately 3 years of prospecting and mining experience, and at the present time is operating a groupof ARC claims in the Slick Rock area located in San Miguel County, State of Colorado. The applicant will supervise the operation of the exploration work.

Marion Robert Watters, Dolores, Colorado
Application Form MP-103

Schedule D.
Page 1

6. Estimate of costs.

(a) The applicant does not intend to let any of the following work to contractors

Building access roads	
Approximate Dozer work	$3600.00
Powder, Steel, Bits, -	1000.00
Development work on Francis E.	
200 ft. of drift @$30.00	6000.00
10 forty ft. holes @$2.00	800.00
10 seventy-five ft. holes @2.00	1500.00
Development work on Betty W.	
300 ft. of drift @30.00	9000.00
Development work on Big Joe	
3500 ft. wagon drilling @$2.00	7000.00
Dozer work, facing up	3000.00
Total - - -	$31900.00

(b) Labor, supervisor, consultants.

Applicant will supervise entire project at rate of $600 per month and will spend at least half of his time on it. $300.00 24 mos. 7200.00

Man for camp maintenance, pickup and truck driver - - $300.00 24 mos. 7200.00

Total - - $14400.00

Marion Robert Sutter, Dolores, Colorado
Application Dora LP-103

Schedule B.
Page 2

6.

(c) Operating Materials

All operating materials, supplies, labor fuel, engineering costs and small equipment costing less than $50.00 are included in costs given under 6.-(a)

(d) Operating Equipment.

To be purchased:

1- 210 LeRoi Compressor - - - - - - - - - -	$6000.00
1 - Wagon Drill, mounted on vehicle - - -	1000.00
1 - 3/4 Ton Pickup Truck - - - - - - - - -	2000.00
1 - 2 Ton Truck - - - - - - - - - - - - - -	2500.00

To be furnished by applicant

1 - RD-8 Caterpillar with dozer, present value about $15,000.00. Use allowance (not be be charged when not used)

per.mo $250.00
24 mos.
$ 6000.00

Total $17500.00

Marion M. Watters, Dolores, Colorado
Application Form LM-103

Schedule D
Page 3

6.

(e) Rehabilitation and repairs.

Not Applicable.

(f)

Bunk house, frame construction composition roof	$1000.00
Boarding house, " " " "	1000.00
(Above buildings to be approximately 16 x 20ft)	
2 prefabricated Butler type steel clad buildings approximately 16'x24' for use as machine shop and supply storage	2000.00
assembly cost	100.00
1 Kohler Light Plant, 1500 Watt size	750.00
1 1500 gal. Butanecgas storage tank	900.00
Water storage & tower	300.00
Water pump and pipe	300.00
Cook stove	150.00
Regrigerator	300.00
Heating stoves	150.00
Camp furnishings	300.00
Total - -	$7250.00

Marion Robert Watters, Dolores, Colo.
Application Form ME-103

Schedule D.
Page 4

6.

(c)

Freight and hauling charges for transporting equipment initial supplies and new installations from supply points to Hidden Valley, San Juan County, State of Utah.

	$3000.00
Fuel to operate pickup & 2 Ton truck-$5 perday 24 days per mo.	2880.00
Butane Gas for Camp operation	1428.00
Assaying expense for all samples	3000.00
Misc. Labor, charged in 6.-(b)	0000.00
Accounting	1800.00
Payroll taxes & workmen's compensation	300.00
Total - -	$12408.00

(h)

Approximately 7% of totals above	$6000.00

Total of all classifications - - - - - - - - - - - - - - - - $89458.00

Marion Robert Watters - Dolores, Colorado
Application Form HF - 103

Schedule F.
Page 1

7.

(a) Yes.

(b) The applicant proposes to furnish his share of the costs by furnishing the equipment mentioned in Schedule D and by supervising the entire project, thereby furnishing labor.

11/28/52 gla

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON 25, D. C.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 26 1952

November 26, 1952

Memorandum

To: Ernest William Ellis, DMEA Member,
Uranium Commodity Committee, Room 4640

From: H. D. Keiser, Bureau of Mines Member,
Uranium Commodity Committee

Subject: DMEA Docket NO. 2780, Marion Robert Watters, R. F. D. #1,
Dolores, Colorado.

I have reviewed the application included in the subject docket and discussed it with Arthur P. Butler, Geological Survey Member, and Joseph O. Hosted, representative of the Atomic Energy Commission.

The application lacks sufficient geological evidence as to the occurrence of uranium in the lands involved to justify the exploration program proposed.

It is recommended that the application be referred to the field team for investigation and report, and that the field team be requested to discuss the application with Mr. Lowell Hilpert, Geological Survey, and Mr. Ernest Gordon, Atomic Energy Commission, Grand Junction, Colorado.

H. D. Keiser

Attachment

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON 25, D. C.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 26 1952

November 26, 1952

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To: Ernest William Ellis, DMEA Member,
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Uranium Commodity Committee

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Dolores, Colorado.

I have reviewed the application included in the subject docket and discussed it with Arthur P. Butler, Geological Survey Member, and Joseph O. Hosted, representative of the Atomic Energy Commission.

The application lacks sufficient geological evidence as to the occurrence of uranium in the lands involved to justify the exploration program proposed.

It is recommended that the application be referred to the field team for investigation and report, and that the field team be requested to discuss the application with Mr. Lowell Hilpert, Geological Survey, and Mr. Ernest Gordon, Atomic Energy Commission, Grand Junction, Colorado.

Signed

H. D. Keiser

Attachment

MF-103
(Revised April 1952)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 1 6 1952

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Form Approved.
Budget Bureau No. 42-R1035.2.

APPLICATION FOR AID IN AN EXPLORATION PROJECT, PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

Not to be filled in by applicant

Docket No. DMEA 2780
Metal or Mineral
Date Received 11-17-52
Estimated Cost
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: Marion Robert Mattera
R. R. 2 #1
Dolores,
Colorado

(*b*) If other than an individual, add to your name above whether a corporation, partnership, etc., and the name of the State in which incorporated or otherwise organized.

(*c*) If a corporation, add to above statement, titles, names and addresses of officers.

(*d*) If a partnership, add to the above statement the names and addresses of all partners.

2. *General.*—Read DMEA Order 1, "Government Aid in Defense Exploration Projects," before completing this application. Submit this application and all accompanying papers in quadruplicate (four copies), with your name and address on each sheet of the application and on all accompanying papers. Where sufficient space is not provided on the form for all required information, state it on an accompanying paper, with a reference in each case to the instruction to which it refers by number. Comply with all applicable instructions; or, if not applicable, so state. File the application with Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest field executive officer thereof.

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract See Schedule A, attached.

(*b*) State any mine name by which the property is known. This is undeveloped property so no mine name has been used.

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Owner.

(*d*) If you are not the owner, submit with this application a copy of the lease, contract, or other document under which you control the property. Not applicable.

(*e*) If you own the land, describe any liens or encumbrances on it There are no liens or encumbrances on the above named claims.

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice. See Schedule A, attached.

4. *Physical description.*—(*a*) Describe in detail any mining or exploration operations which have been or now are being conducted upon the land, including existing mine workings and production facilities. State your interest, if any, in such operations. Also describe accessibility of mine workings for examination purposes. See Schedule B, attached.

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades. Not applicable.

(*c*) Describe the geologic features of the property, including mineralization, type of deposit (vein, bedded, etc.), and your reasons for wishing to explore. Illustrate with maps or sketches. Send with your application (but not necessarily as a part of it) any geologic or engineering report, assay maps, or other technologic information you may have, indicating on each whether you require its return to you. See Schedule B, attached.

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points. See Schedule B, attached.

(*e*) State the availability of manpower, materials, supplies, equipment, water, and power. See Schedule B

5. *The exploration project.*—(*a*) [illegible]ate the mineral or minerals for which you w[illegible] to explore .....

Uranium

(*b*) Describe fully the proposed work, including a map or sketch of the property showing a plan (and cross sections if needed) of any present mine workings, and the location of the proposed exploration work as related to such features as contacts, veins, ore-bearing beds, etc. See Schedule C, attached.

(*c*) The work will start within 60 days and be completed within 24 months from the date of an exploration project contract. weather permitting

(*d*) State the operating experience and background of the applicant with relation to the ability to carry out such exploration project, and also that of the person or persons who will supervise the operations. See Schedule C.

6. *Estimate of costs.*—Furnish a detailed estimate of the costs of the proposed work (you will have to use a separate sheet), under the following headings. Add the totals under all headings to give the estimated total cost of the project:

(*a*) *Independent contracts.*—(Note.—If the applicant does not intend to let any of the work to contractors, write "none" after this item. To the extent that the work is to be contracted, do not repeat the cost of the contract-work in subsequent items.) State the cost of any proposed independent contracts for the performance of all or any part of the work, expressed in terms of units of work (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved, etc.). See Schedule [illegible].

(*b*) *Labor, supervision, consultants.*—Include an itemized schedule of numbers, classes and rates of wages, salaries or fees for necessary labor, supervision and engineering and geological consultants. See Schedule [illegible].

(*c*) *Operating materials and supplies.*—Furnish an itemized list, including items of equipment costing less than $50 each, and power, water and fuel. See Schedule [illegible].

(*d*) *Operating equipment.*—Furnish an itemized list of any operating equipment to be rented, purchased, or which is owned and will be furnished by the Operator, with the estimated rental, purchase price, or suggested use-allowance based on present value, as the case may be. See Schedule [illegible].

(*e*) *Rehabilitation and repairs.*—Furnish a detailed list showing the cost of any necessary initial rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and which will be devoted to the exploration project. See Schedule [illegible].

(*f*) *New buildings, improvements, installations.*—Furnish a detailed list showing the cost of any necessary buildings, fixed improvements, or installations to be purchased, installed or constructed for the benefit of the exploration project. See Sched.

(*g*) *Miscellaneous.*—Furnish a detailed list showing the cost of repairs to and maintenance of operating equipment (not including initial rehabilitation or repairs of the Operator's equipment), analytical work, accounting, workmen's compensation and employers' liability insurance, and payroll taxes. See Schedule [illegible].

(*h*) *Contingencies.*—Give an estimate of any necessary allowances for contingencies not included in the costs stated above. See Schedule [illegible].

NOTE.—No items of general overhead, corporate management, interest, taxes (other than payroll and sales taxes), or any other indirect costs, or work performed or costs incurred before the date of the contract, should be included in the estimate of costs.

7. (*a*) Are you prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation (Sec. 7, DMEA No. 1)? See Schedule [illegible].

(*b*) How do you propose to furnish your share of the costs?

☐ Money ☒ Use of equipment owned by you ☒ Other

Explain in detail on acompanying paper. See Schedule [illegible].

CERTIFICATION

The undersigned, whether as an individual, corporate officer, partner, or otherwise, both in his own behalf and acting for the applicant, certifies that the information set forth in this form and accompanying papers is correct and complete, to the best of his knowledge and belief.

Dated October 27, 1952

Marion Robert Matters
(Applicant)

By .....

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—66551-1

Marion Robert Watters - Dolores Colorado
Application Form MF - 103

Schedule A
Page 1

3.

(a) Mining Claim known as the Betty W. situated in canyon running southwest into Hidden Valley in San Juan County, State of Utah and described and marked on the ground as follows, to-wit: Beginning at discovery monument, and running 300 ft. east, thence 1500 feet south, thence 600 ft west, thence 1500 ft north, thence 300 ft east to point of beginning, this claim is ½ mile east of Barbara B survey.
Recorded in Book R-2, Page 371, Dated 12/21/52.
County of San Juan, State of Utah.

Mining Claim known as the Francis K. situated 1 mile west of Barbara B. Survey in canyon running west southwest in San Juan County, State of Utah and described and marked on the ground as follows, to-wit; Beginning at discovery monument and running 300 ft. west, thence 1500 ft south, thence 600 ft east, thence 1500 ft north, thence 300 ft west to place of beginning.
Recorded in Book R-2, Page 381, Dated 1/4/51/

Mining Claim known as the Big Joe situated approximately 3½ miles east of Castle Butte in Box Canyon running northwest & southeast in San Juan County, State of Utah and described and marked on the ground as follows, to-wit:
Beginning at discovery monument 300 ft southeast, thence 1500 ft southwest, thence 600 ft northwest, thence 1500 ft northeast, thence 300 ft southeast to point of beginning.
Recorded in Book R-2, Page 397, Dated 1/23/51
County of San Juan, State of Utah.

Marion Robert Watters - Dolores, Colorado
Application Form MF - 103

Schedule B
Page 1

4.

(a) On Betty W., cleared off outcrop by hand and explosives. (assessment work)

On Francis K. cleared off outcrop by hand and explosives. (assessment work)

On Big Joe, cleared off outcrop by hand and explosives. (assessment work)

Each claim is reached by trail only; jeeps can be driven to within one half mile of any of these claims. See 4-(d).

(c) Throughout the area, part of which is covered by the above mentioned claims, a normal section of rocks are exposed, from the Moenkopi upwards through the Shinarump and Chinle to the Wingate capping the mesas. The prospects are in the Shinarump or basal Chinle. The rocks have a slight dip to the west. Mineralization exposed in the outcrop consists of oxidized copper minerals with attendant radioactivity and occurs in old channels, as bedded deposits. Similar croppings in the general region have led to important deposits of uranium ores, and these should be investigated.

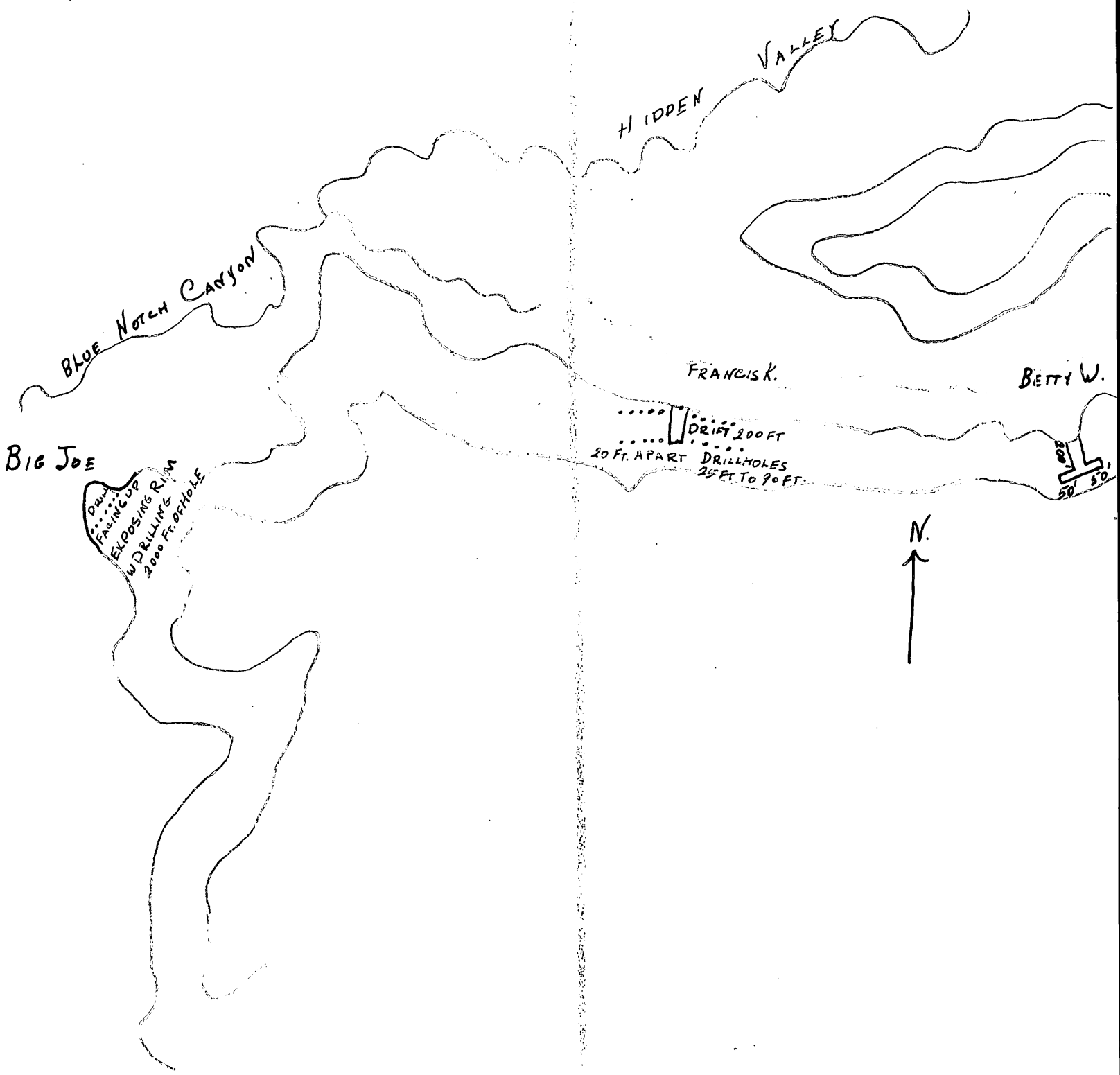
(d) Access roads are being built at the present time. The nearest shipping point is White Canyon, Utah, a distance of 25 miles. There is also a VCA mill at White Canyon. Monticello, Utah is 115 miles and there is an AEC mill there as well as a mine supply house.

A camp will have to be established for residence purposes.

(e) Material supplies will be trucked from Monticello, Utah and other supply points. Equipment is owned or will be purchased by applicant. Manpower is available. Water is available within four miles.

Marion Robert Watters, Colores, Colorado
Application Form MF-103

Schedule C.
Sketch



Marion Robert Watters - Ophir Colorado
Application Form MF - 103

Schedule C
Page 1

9.

(b) Proposed work on the Betty W. Claim. 200 feet of drifting from outcropping due east. 50 feet cross cut north. 50 feet of cross cut south. 200 feet in or on likely prospect. If ore is contacted short of this distance will open there.

Proposed work on the Francis H. Claim. 200 feet of drift from outcropping in southerly direction. Vacondrilling on west side of drift starting 30 feet from out crop south. 5 drill holes 40 feet deep or ore bearing formation. Starting from drift, 20 feet spacings to west. 70 feet south, 20 feet spacings west from drift. 40 feet from outcroppings east side of drift 5 drill holes, 20 feet spacings. 100 feet from face east side 5 wagon drill holes, 20 foot spacings 75 feet deep.

Proposed work on the Big Joe Claim. Facing up, stoping min, wagon drilling. 3000 feet of holes across claim approximately 1500 feet, 20 foot spacings, from convent across claim to southeast.

(d) The applicant has had approximately 3 years of prospecting and mining experience, and at the present time is operating a group of ARC claims in the Black Rock area located in San Miguel County, State of Colorado. The applicant will supervise the operation of the exploration work.

Marion Robert Bottoro, Salsoco, Colorado
Application Zoro NM-109

Schedule B.
Page 1

6. Estimate of costs.

(a) The applicant does not intend to let any of the following work to contractors

Building access roads	
Approximate Zacor work:	$2600.00
Powder, Steel, Bits, -	1000.00
Development work on Francis E.	
800 ft. of drift @20.00	6000.00
10 forty ft. holes @2.00	800.00
10 seventy-five ft. holes @2.00	1500.00
Development work on Betty F.	
300 ft. of drift @30.00	9000.00
Development work on Big Joe	
3500 ft. wagon drilling @2.00	7000.00
Zacor work, Zacing up	3000.00
Total - - -	$31100.00

(b) Labor, supervisor, consultants.

Applicant will supervise entire project at rate of $300 per month and will spend at least half of his time on it. $300.00 24 mos. 7200.00

Man for camp maintenance, pickup and truck driver - - $300.00 24 mos. 7200.00
Total - - $14400.00

Marion Robert Watter, Dolores, Colorado
Application Form MF-103

Schedule B.
Page 2

6.

(c) Operating Materials

All operating materials, supplies, labor fuel, engineering costs and small equipment costing less than $50.00 are included in costs given under 6.-(a)

(d) Operating Equipment.

To be purchased:

1- 210 ZoRel Compressor - - - - - - - - - - $6000.00

1 - Wagon Drill, mounted on vehicle - - - 1000.00

1 - 3/4 Ton Pickup Truck - - - - - - - - - 2000.00

1 - 2 Ton Truck - - - - - - - - - - - - - - 2500.00

To be furnished by applicant

1 - D8-8 Caterpillar with dozer, present value about $15,000.00. Use allowance (not to be charged when not used)
per.mo. $250.00
24 mo.
$ 6000.00

Total $17500.00

Marion R. Watters, Salatrad, Colorado
Application Form 2a-103

Schedule D
Page 3

6.

(e) Rehabilitation and repairs.

Not applicable.

(f)

Bunk house, frame construction composition roof	$1000.00
Boarding house, " " "	1000.00
(Above buildings to be approximately 16 x 20ft)	
2 prefabricated Butler type steel clad buildings approximately 10'x24' for use as machine shop and supply storage	2000.00
assembly cost	100.00
1 Kohler Light Plant, 1500 Watt size	750.00
1 1500 gal. Butane gas storage tank	200.00
Water storage & tower	300.00
Water pump and pipe	500.00
Cook stove	150.00
Refrigerator	300.00
Heating stoves	150.00
Camp furnishings	500.00
Total - -	$7250.00

Morlen Robert Watters, Dolores, Colo.
Application Form EC-103

Schedule D.
Page 4

6.

(c)

Freight and hauling charges for transporting equipment initial supplies and new installations from supply points to Hidden Valley, San Juan County, State of Utah.

	$3000.00
Fuel to operate pickup & 2 Jeep trucks 15 days per month	2880.00
Subsistence for Camp operation	1400.00
Assaying expense for all samples	3000.00
Misc. Labor, charged in 6.-(b)	0000.00
Accounting	1500.00
Payroll taxes & workmen's compensation	300.00
Total - -	$12[illegible].00

(d)

Approximately .7% of totals above $6000.00

Total of all classifications - - - - - - - - - - - - - - - $89438.00

Marion Robert Watters - Dolores, Colorado
Application Form EW - 103

Schedule 7.
Page 1

7.

(a) Yes.

(b) The applicant proposes to furnish his share of the costs by furnishing the equipment mentioned in Schedule 3 and by supervising the entire project, thereby furnishing labor.

November 19, 1952

Mr. Marion R. Watters
R. F. D. #1
Dolores, Colorado

Subject: DMEA-2780
Re: Exploration Assistance

My dear Mr. Watters:

The receipt of your application dated October 27, 1952, for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-2780 and referred to the Rare and Miscellaneous Metals Division.

Kindly refer to DMEA-2780 in any future correspondence relating to your application.

Sincerely yours,

R. E. ADAMS

Robert E. Adams
Chief, Operation Control
and Statistics Division

25451

dmea 2780

M. R. WATTERS
Uranium Mines
DOLORES, COLORADO

November 12, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 17 1952

Defense Minerals Exploration Administration
United States Department of the Interior
Washington 25, D. C.

Gentlemen:

As per instructions from the Atomic Energy Commission office at Grand Junction, Colorado, enclosed please find four copies of my application for a loan for exploration and development work as is provided by law.

Your favorable consideration of this application will be greatly appreciated.

Very truly yours,

M. R. Watters
p.a.
M. R. Watters

MRW:pa

MF-103
(Revised April 1952)

Defense Minerals Administration
NOV 1 0 1952

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Form Approved.
Budget Bureau No. 42-R1035.2.

APPLICATION FOR AID IN AN EXPLORATION PROJECT, PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

Not to be filled in by applicant

Docket No. dmea 2780
Metal or Mineral
Date Received 11-17-52
Estimated Cost
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: Marion Robert Watters
R. F. D. #1
Dolores,
Colorado

(*b*) If other than an individual, add to your name above whether a corporation, partnership, etc., and the name of the State in which incorporated or otherwise organized.

(*c*) If a corporation, add to above statement, titles, names and addresses of officers.

(*d*) If a partnership, add to the above statement the names and addresses of all partners.

2. *General.*—Read DMEA Order 1, "Government Aid in Defense Exploration Projects," before completing this application. Submit this application and all accompanying papers in quadruplicate (four copies), with your name and address on each sheet of the application and on all accompanying papers. Where sufficient space is not provided on the form for all required information, state it on an accompanying paper, with a reference in each case to the instruction to which it refers by number. Comply with all applicable instructions; or, if not applicable, so state. File the application with Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest field executive officer thereof.

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract See Schedule A, attached.

(*b*) State any mine name by which the property is known. This is undeveloped property so no mine name has been used.

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Owner.

(*d*) If you are not the owner, submit with this application a copy of the lease, contract, or other document under which you control the property. Not applicable.

(*e*) If you own the land, describe any liens or encumbrances on it There are no liens or encumbrances on the above named claims.

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice. See Schedule A, attached.

4. *Physical description.*—(*a*) Describe in detail any mining or exploration operations which have been or now are being conducted upon the land, including existing mine workings and production facilities. State your interest, if any, in such operations. Also describe accessibility of mine workings for examination purposes. See Schedule B, attached.

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades. Not applicable.

(*c*) Describe the geologic features of the property, including mineralization, type of deposit (vein, bedded, etc.), and your reasons for wishing to explore. Illustrate with maps or sketches. Send with your application (but not necessarily as a part of it) any geologic or engineering report, assay maps, or other technologic information you may have, indicating on each whether you require its return to you. See Schedule B, attached.

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points. See Schedule B, attached.

(*e*) State the availability of manpower, materials, supplies, equipment, water, and power. See Schedule B.

5. *The exploration project.*—(*a*) State the mineral or minerals for which you wish to explore Uranium [redacted].

(*b*) Describe fully the proposed work, including a map or sketch of the property showing a plan (and cross sections if needed) of any present mine workings, and the location of the proposed exploration work as related to such features as contacts, veins, ore-bearing beds, etc. See Schedule C, attached.

(*c*) The work will start within 60 days and be completed within 24 months from the date of an exploration project contract. weather permitting

(*d*) State the operating experience and background of the applicant with relation to the ability to carry out such exploration project, and also that of the person or persons who will supervise the operations. See Schedule C.

6. *Estimate of costs.*—Furnish a detailed estimate of the costs of the proposed work (you will have to use a separate sheet), under the following headings. Add the totals under all headings to give the estimated total cost of the project:

(*a*) *Independent contracts.*—(Note.—If the applicant does not intend to let any of the work to contractors, write "none" after this item. To the extent that the work is to be contracted, do not repeat the cost of the contract-work in subsequent items.) State the cost of any proposed independent contracts for the performance of all or any part of the work, expressed in terms of units of work (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved, etc.). See Schedule D.

(*b*) *Labor, supervision, consultants.*—Include an itemized schedule of numbers, classes and rates of wages, salaries or fees for necessary labor, supervision and engineering and geological consultants. See Schedule D.

(*c*) *Operating materials and supplies.*—Furnish an itemized list, including items of equipment costing less than $50 each, and power, water and fuel. See Schedule D.

(*d*) *Operating equipment.*—Furnish an itemized list of any operating equipment to be rented, purchased, or which is owned and will be furnished by the Operator, with the estimated rental, purchase price, or suggested use-allowance based on present value, as the case may be. See Schedule D.

(*e*) *Rehabilitation and repairs.*—Furnish a detailed list showing the cost of any necessary initial rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and which will be devoted to the exploration project. See Schedule D.

(*f*) *New buildings, improvements, installations.*—Furnish a detailed list showing the cost of any necessary buildings, fixed improvements, or installations to be purchased, installed or constructed for the benefit of the exploration project. See Sched.

(*g*) *Miscellaneous.*—Furnish a detailed list showing the cost of repairs to and maintenance of operating equipment (not including initial rehabilitation or repairs of the Operator's equipment), analytical work, accounting, workmen's compensation and employers' liability insurance, and payroll taxes. See Schedule D.

(*h*) *Contingencies.*—Give an estimate of any necessary allowances for contingencies not included in the costs stated above. See Schedule D.

NOTE.—No items of general overhead, corporate management, interest, taxes (other than payroll and sales taxes), or any other indirect costs, or work performed or costs incurred before the date of the contract, should be included in the estimate of costs.

7. (*a*) Are you prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation (Sec. 7, DMEA No. 1)? See Schedule E.

(*b*) How do you propose to furnish your share of the costs?

☐ Money ☒ Use of equipment owned by you ☒ Other

Explain in detail on acompanying paper. See Schedule E.

CERTIFICATION

The undersigned, whether as an individual, corporate officer, partner, or otherwise, both in his own behalf and acting for the applicant, certifies that the information set forth in this form and accompanying papers is correct and complete, to the best of his knowledge and belief.

Dated October 27, 1952

Marion Robert Matthews
(Applicant)

By

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—66551-1

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Schedule A
Page 1

3.

(a) Minkng Claim known as the Betty W. situated in canyon running souwest into Hidden Valley in San Juan County, State of Utah and described and marked on the ground as follows, to-wit: Beginning at discovery monument, and running 300 ft. east, thence 1500 feet south, thence 600 ft west, thence 1500 ft north, thence 300 ft east to point of beginning, this claim is ½ mile east of Barbara B survey.

Recorded in Book R-2, Page 371, Dated 12/21/52.
County of San Juan, State of Utah.

Mining Claim knows as the Francis K. situated 1 mile west of Barbara B. Survey in canyon running west southwest in San Juan County, State of Utah and described and marked on the ground as follows, to-wit; Beginning at discovery monument and running 300 ft. west, thence 1500 ft south, thence 600 ft east, thence 1500 ft north, thence 300 ft west to place of beginning.

Recorded in Book R-2, Page 381, Dated 1/4/51/

Mining Claim knows as the Big Joe situated approximately 3¼ miles east of Castle Butte in Box Canyon running northwest & southeast in San Juan County, State of Utah and described and marked on the ground as follows, to-wit:
Beginning at discovery monument 300 ft southeast, thence 1500 ft southwest, thence 600 ft northwest, thence 1500 ft northeast, thence 300 ft southeast to point of beginning.

Recorded in Book R-2, Page 397, Dated 1/23/50
County of San Juan, State of Utah.

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Schedule B
Page 1.

4.

(a) On Betty W., cleared off outcrop by hand and explosives. (assessment work)

On Francis K. cleared off outcrop by hand and explosives. (assessment work)

On Big Joe, cleared off outcrop by hand and explosives. (assessment work)

Each claim is reached by trail only; jeeps can be driven to within one half mile of any of these claims. See 4-(d).

(c) Throughout the area, part of which is covered by the above mentioned claims, a normal section of rocks are exposed, from the Moenkopi upwards through the Shinarump and Chinle to the Wingate capping the mesas. The prospects are in the Shinarump or basal Chinle. The rocks have a slight dip to the west. Mineralization exposed in the outcrop consists of oxidized copper minerals with attendant radioactivity and occurs in old channels, as bedded deposits. Similar croppings in the general region have led to important deposits of uranium ores, and these should be investigated.

(d) Access roads are being built at the present time. The nearest shipping point is White Canyon, Utah, a distance of 25 miles. There is also a VCA mill at White Canyon. Monticello, Utah is 115 miles and there is an AEC mill there as well as a mine supply house.

A camp will have to be established for residence purposes.

(e) Material supplies will be trucked from Monticello, Utah and other supply points. Equipment is owned or will be purchased by applicant. Manpower is available. Water is available within four miles.

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Schedule C
Page 1

5.

(b) Proposed work on the Betty W. Claim. 200 feet of drifting from outcropping due east. 50 feet cross cut north. 50 feet of cross cut south. 200 feet in or on likely prospect. If ore is contacted short of this distance will open there.

Proposed work on the Francis K. Claim. 200 feet of drift from outcropping in southerly direction. Wagondrilling on west side of drift starting 30 feet from out crop south. 5 drill holes 40 feet deep or ore bearing formation. Starting from drift, 20 foot spacings to west. 70 feet south, 20 foot spacings west from drift. 40 feet from outcroppings east side of drift 5 drill holes, 20 foot spacings. 100 feet from face east side 5 wagon drill holes, 20 foot spacings 75 feet deep.

Proposed work on the Big Joe Claim. Facing up, exposing rim, wagon drilling. 3500 feet of holes across claim approximately 1200 feet, 20 foot spacings, from monument across claim to southwest.

(d) The applicant has had approximately 3 years of prospecting and mining experience, and at the present time is operating a groupof AEC claims in the Slick Rock area located in San Miguel County, State of Colorado. The applicant will supervise the operation of the exploration work.

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Schedule D.
Page 1

6. Estimate of costs.

(a) The applicant does not intend to let any of the following work to contractors

Building access roads	
Approximate Dozer work	$3600.00
Powder, Steel, Bits, -	1000.00
Development work on Francis K.	
200 ft. of drift @$30.00	6000.00
10 forty ft. holes @$2.00	800.00
10 seventy-five ft. holes @2.00	1500.00
Development work on Betty W.	
300 ft. of drift @30.00	9000.00
Development work on Big Joe	
3500 ft. wagon drilling @$2.00	7000.00
Dozer work, facing up	3000.00
Total - - -	$31900.00

(b) Labor, supervisor, consultants.

Applicant will supervise entire project at rate of $600 per month and will spend at least half of his time on it. $300.00 24 mos. 7200.00

Man for camp maintenance, pickup and truck driver - - $300.00 24 mos. 7200.00

Total - - $14,400.00

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Schedule D.
Page 2

6.

(c) Operating Materials

All operating materials, supplies, labor fuel, engineering costs and small equipment costing less than $50.00 are included in costs given under 6.-(a)

(d) Operating Equipment.

To be purchased:

1- 210 LeRoi Compressor - - - - - - - - - -	$6000.00
1 - Wagon Drill, mounted on vehicle - - -	1000.00
1 - 3/4 Ton Pickup Truck - - - - - - - - -	2000.00
1 - 2 Ton Truck - - - - - - - - - - - - - -	2500.00

To be furnished by applicant

1 - RD-8 Caterpillar with dozer, present value about $15,000.00. Use allowance (not be be charged when not used)

per.mo $250.00
24 mos.
$ 6000.00

Total $17500.00

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Schedule D
Page 3

6.

(e) Rehabilitation and repairs.

Not applicable.

(f)

Bunk house, frame construction composition roof	$1000.00
Boarding house, " " " "	1000.00
(Above buildings to be approximately 16 x 20ft)	
2 prefabricated Butler type steel clad buildings approximately 16'x24' for use as machine shop and supply storage	2000.00
assembly cost	100.00
1 Kohler Light Plant, 1500 Watt size	750.00
1 1500 gal. Butaneegas storage tank	900.00
Water storage & tower	300.00
Water pump and pipe	300.00
Cook stove	150.00
Regrigerator	300.00
Heating stoves	150.00
Camp furnishings	300.00
Total - -	$7250.00

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Schedule D.
Page 4

6.

(g)

Freight and hauling charges for transporting equipment initial supplies and new installations from supply points to Hidden Valley, San Juan County, State of Utah.

	$3000.00
Fuel to operate pickup & 2 Ton truck-$5 perday 24 days per mo.	2880.00
Butane Gas for Camp operation	1428.00
Assaying expense for all samples	3000.00
Misc. Labor, charged in 6.-(b)	6000.00
Accounting	1800.00
Payroll taxes & workmen's compensation	300.00
Total - -	$12408.00

(h)

Approximately 7% of totals above $6000.00

Total of all classifications - - - - - - - - - - - - - - - - $89,458.00

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Schedule E.
Page 1

7.

(a) Yes.

(b) The applicant proposes to furnish his share of the costs by furnishing the equipment mentioned in Schedule D and by supervising the entire project, thereby furnishing labor.

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Schedule C.
Sketch

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

OFFICIAL BUSINESS

[illegible]
[illegible]
Spokane 1, Wash.

PAYMENT OF POSTAGE, [illegible]
(PMGC)

SPOKANE
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Mr. C. O. Mittendorf
Acting Administrator
Defense Minerals Exploration Administration
Department of Interior
Washington 25, D. C.