DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 4367

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 Project

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

Routing Slip Cys to USGS, BM

To:	700	Date	7/3/56
To:	Mr. Johnson	Date	7/30/56
To:	OM	Date	8-4-56
To:		Date	
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DO NOT DETACH

CONTROLLED DOCUMENT

Surname copy

700

Murphy
Ellis
Johnson

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

AUG - 1 1956

Mr. Merle I. Zweifel
Zweifel, Freeman & Zweifel
P. O. Box #1
Fanshawe, Oklahoma

Re: Docket No. DMEA -4367 (Uranium)
Diamond Mountain Claims
Moffat County, Colorado

Dear Mr. Zweifel:

This will acknowledge your letter of July 28, 1956, to Mr. Ernest Wm. Ellis of this Agency, withdrawing the subject application for the reason that the property is being sold to eastern interests.

Accordingly, we have closed this docket on our records.

In response to your request, we are enclosing two copies of the claim map submitted. However, according to our regulations we cannot return the application and the supplementary sheet which outlines the proposed work and the estimated cost of the project.

Sincerely yours,

G. O. Mittendorf

Administrator

Enclosure

FMMurphy/ai
7-31-56
cc to: Docket
Admr.'s Reading File
Code 700
Mr. Murphy
DMEA Field Team, Region III (2)
Messrs. JECrawford, Rm. 3643
THKiilsgaard, Rm. 5224
JOHosted, Rm. 3210, GSA

R.S.J.

Box #1,
Fanshawe, Oklahoma.
July 28, 1956

Mr. Ernest Wm. Ellis, Chief
Rare and Miscellaneous Metals Div.,
Defense Minerals Exploration Administration,
Washington (25), D. C.

Dear Mr. Ellis:

Re: Docket No. DMEA-4367
Diamond Mountain Claims
Moffat County, Colorado.

Would you please withdraw the application for DMEA loan for the above captioned property, and return the papers to us.

The property is being sold to eastern interests, and it is my understanding they will prepare a new application for a loan in the future.

Thanking you kindly for your courtesies, I remain

Sincerely yours,

Merle I. Zweifel

MERLE I. ZWEIFEL
(Zweifel, Freeman & Zweifel)
P.O. Box #1
Fanshawe, Oklahoma

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

700

Mr. Merle L. Zweifel, partner
Zweifel, Freeman and Zweifel
P. O. Box 122
Gardner, Colorado

JUL 6 - 1956

Re: Docket No. DMEA-4367 (Uranium)
Diamond Mountain Claims
Moffat County, Colorado

Dear Mr. Zweifel:

A review of the above-docketed application for Government aid in an exploration project discloses that essential information which would enable us to process it is lacking, namely:

1. A plan map or sketch showing the surface elevations and the principal rock formations which crop out within the area of the claims. On this map the following, if available, should also be indicated:

   a. The locations and assay values of any samples taken;

   b. The locations and estimated values of any radioactivity anomalies detected on the property; and

   c. The locations and extent of the proposed bulldozer surface stripping. Also a sketch showing cross-sections through the cuts and the rock formations you infer will be encountered would be of assistance.

2. A narrative report justifying the proposed work based on the geology of the area, including information on the production of uranium ores from mines (if any) adjacent to or near your property.

We will hold the application in abeyance for a reasonable length of time in order that you may submit the above-suggested information. If you anticipate that it will take more than a month to compile this information, kindly advise this office the approximate date we may expect to receive it.

Sincerely yours,

Ernest Wm. Wilis, Chief
Rare and Miscellaneous
Metals Division

FMMurphy/ai 7-5-56
cc to: Admr. Reading File
Docket
Code 700
Mr. Murphy
DMEA Field Team, Region III (2)
Messrs. T.Killegaard, Rm. 5224
J.Crawford, Rm. 3643
J.Hosted, Rm. 3210, DMA

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

700
Surname copy
Murphy
Ellis
Mottendorf

Mr. Merle I. Zweifel, partner
Zweifel, Freeman and Zweifel
P. O. Box 122
Gardner, Colorado

JUL 3 - 1956

Re: Docket No. DMEA-4367 (Uranium)
Diamond Mountain Claims
Moffat County, Colorado

Dear Mr. Zweifel:

A review of the above-docketed application for Government aid in an exploration project discloses that essential information which would enable us to process it is lacking, namely:

1. A plan map or sketch showing the surface elevations and the principal rock formations which crop out within the area of the claims. On this map the following, if available, should also be indicated:

   a. The locations and assay values of any samples taken;

   b. The locations and estimated values of any radioactivity anomalies detected on the property; and

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We will hold the application in abeyance for a reasonable length of time in order that you may submit the above-suggested information. If you anticipate that it will take more than a month to compile this information, kindly advise this office the approximate date we may expect to receive it.

Sincerely yours,

Ernest Wm. Ellis, Chief
Rare and Miscellaneous
Metals Division

FMMurphy/ai 7-5-56
cc to: Admr. Reading File
Docket
Code 700
Mr. Murphy
DMEA Field Team, Region III (2)
Messrs. THKiilsgaard, Rm. 5224
JECrawford, Rm. 3643
JOHosted, Rm. 3210, GSA

July 3, 1956

Zweifel, Freeman, & Zweifel
c/o Mr. Merle Zweifel
P. O. Box #122
Gardner, Colorado

Subject: DMEA-4367
Re: Exploration Assistance
Diamond Mountain Claims

Dear Mr. Zweifel

The receipt of your application dated June 25, 1956 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-4367 and referred to the Rare & Misc. Metals Division.

Kindly identify all future correspondence relating to your application by this docket number.

Sincerely yours,

Robert E. Adams, Chief
Operations Control and
Statistics Division

60932

July 3, 1956

Memorandum

To: Executive Officer, DMEA Field Team, Region III

From: Chief, Operation's Control and Statistics Division

Subject: Assignment of Docket Number

There is listed below the assigned docket number to an application recently received from Region III.

DMEA
-4367 Zweifel, Freeman & Zweifel

Robert E. Adams
Chief, Operation's Control
and Statistics Division

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

RECEIVED
JUL 2 - 1956

June 28, 1956

224 New Customhouse
Denver 2, Colorado

Memorandum

To: Secretary to the Operating Committee, DMEA

From: Field Team, Region III

Subject: Application for DMEA Aid (Uranium-Selenium) Merle I. Zweifel, Glenroe Freeman, and Grover C. Zweifel (Diamond Mountain claims), Moffat County, Colorado

Enclosed are three copies of the subject application in the amount of $14,300.00.

This application is woefully lacking in required information.

One copy of this application is being retained in our file.

DMEA Field Team, Region III

W. M. Traver

By W. M. Traver
Executive Officer, DMEA

Enclosures

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

June 28, 1956

224 New Customhouse
Denver 2, Colorado

RECEIVED
JUL 2 - 1956

Memorandum

To: Secretary to the Operating Committee, DMEA

From: Field Team, Region III

Subject: Application for DMEA Aid (Uranium-Selenium) Merle I. Zweifel, Glenroe Freeman, and Grover C. Zweifel (Diamond Mountain claims), Moffat County, Colorado

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DMEA Field Team, Region III

W. M. TRAVER,

By W. M. Traver
Executive Officer, DMEA

Enclosures

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

DMEA
Date Rec'd. JUN 27 1956
BUREAU OF MINES
Denver, Colorado

RECEIVED
JUL 2 - 1956

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. 4367
Metal or Mineral Uranium-Selenium
Date Received 7-2-56
Estimated Cost $14,300.00
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: Merle I. Zweifel, P.O. Box #122, Gardner, Colorado
Glenroe Freeman (Partner) Gardner, Colorado
Grover C. Zweifel (Partner) 1724 N. Market St., Shawnee, Oklahoma

(*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 36 unpatented mining claims in Section 19, Township 8 North, Range 97 West, Moffat County, Colorado

(*b*) State any mine name by which the property is known.

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Zweifel, Freeman & Zweifel, as partners, owning all interest in the 36 unpatented mining claims

(*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.

(*e*) If you own the land, describe any liens or encumbrances on it no liens or encumbrances on property

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

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.

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades.

(*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.

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

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

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

(*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.

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

(*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.

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.).

(*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.

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

(*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.

(*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.

(*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.

(*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.

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

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)?

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

[x] Money [ ] Use of equipment owned by you [ ] Other

Explain in detail on acompanying paper.

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 June 25, 1956

Zweifel, Freeman & Zweifel (Partnership)
(Applicant)

By Merle J. Zweifel

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

Gunnison, Colorado

Shawnee, Oklahoma

ZWEIFEL, FREEMAN & ZWEIFEL

Uranium Exploration

Radiation Surveys

RECEIVED

JUL 2 - 1956

Addenda -

4 (a) No mining or exploration operations have been or now are being conducted upon the land.
(b) No past or current production. Ore reserves not known.
(c) Outcrops of Browns Park formation of Tertiary Age showing occurrences of uranium, also Gypsum crystals with traces of selenium. Bedded deposits.
(d) Property accessable via State Highway 117. Supply and residence points at Maybelle, Colo

5 (b) 1000 hours with caterpillar tractor to make excavations on Browns Park outcropping stratas and to explore Tertiary intrusives bearing evidences of selenium on the 36 claims.

6 (a) We propose to let independent contract for 1000 hours work with caterpillar tractor (bulldozer) at an estimated cost of $14.00 per hour. $14,000.00

Assay and labratory work 300.00

7 (a) We are prepared to furnish 25% of this cost in Money.

Respectfully Submitted,

Merle I. Zweifel

MERLE I. ZWEIFEL
For Zweifel, Freeman & Zweifel

6-95 (Revised)
(April 1955)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

REFERENCE SLIP

Route to:	Name	Room
1.	OMEA, Mr. Ernest Wm. Ellis	4445
2.		
3.		
4.		
5.		

For:

---------- Action	---X--- Record of ----------
---------- Approval	---------- Referring to ----------
---------- Comment	---------- Reply for signature of ----------
---------- Conference	---------- Rewriting
---------- Consideration	---------- See or call me
---------- Filing	---------- Signature
---------- Initials	---------- Suggestions
---------- Instructions	---------- Surname
---------- Investigation	---------- Your information
---------- Mailing	
---------- Note and return	
---------- Previous correspondence	
---------- Recommendation	

Remarks:

Relative to your telephone request of July 30, 1956, I am returning OMEA application #4367 which has been withdrawn by the applicant.

J. Paone
7/30/56

From (Name)

Date

Division—Office—Address
B.M., Branch of Rare & Precious Metals

Room 3643

U. S. GOVERNMENT PRINTING OFFICE 16—71726-1

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

DMEA
Date Rec'd JUN 27 1956
BUREAU OF MINES
Denver, Colorado

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. 4367
Metal or Mineral Uranium - Selenium
Date Received 6-2-56
Estimated Cost $ 14,300.00
Participation (Government %)

RECEIVED
JUL 2 - 1956

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: Ibrlo I. Zwolfol, P.O. Box 4122, Gardner, Colorado
Glenne Freeman (Partner) Gardner, Colorado
Grover C. Zwolfol (Partner) 1724 N. Marion St., Shawnee, Oklahoma

(*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.

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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 36 unpatented mining claims in Section 19, Township 8 North, Range 91 West, Moffat County, Colorado

(*b*) State any mine name by which the property is known.

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(*b*) State past and current production, and ore reserves, if any, giving quantities and grades.

(*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.

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

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

5. *The exploration project.*—(*a*) State the mineral or minerals for which you wish to explore Bentonite and Colemanite

(*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.

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

(*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.

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

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☒ Money ☐ Use of equipment owned by you ☐ Other

Explain in detail on acompanying paper.

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 June 29, 1956

Zwolfel, Brown & Zwolfel (Partnership)
(Applicant)

By Walter Zwolfel

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

Gunnison, Colorado

Shawnee, Oklahoma

ZWEIFEL, FREEMAN & ZWEIFEL

Uranium Exploration

Radiation Surveys

June 25, 1956

RECEIVED

JUL 2 - 1956

Addenda -

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Assay and laboratory work. 300.00

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Respectfully Submitted,

Merle Zweifel

MERLE I. ZWEIFEL
For Zweifel, Freeman & Zweifel

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

DMEA
Date Rec'd

JUN 27 1956

BUREAU OF MINES
Denver, Colorado

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. 4367
Metal or Mineral Uranium - Selenium
Date Received 7-2-56
Estimated Cost $14,300.00
Participation (Government %)

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Glenroe Freeman (Partner) Gardner, Colorado
Grover C. Zweifel (Partner) 1724 N. Market St., Shawnee, Oklahoma

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(*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 36 unpatented mining claims in Section 19, Township 8 North, Range 97 West, Moffat County, Colorado

(*b*) State any mine name by which the property is known.

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Zweifel, Freeman & Zweifel, as partners owning all interest in the 36 unpatented mining claims

(*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.

(*e*) If you own the land, describe any liens or encumbrances on it no liens or encumbrances on property

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

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.

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades.

(*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.

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

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

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

(*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.

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

(*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.

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.).

(*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.

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

(*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.

(*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.

(*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.

(*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.

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

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)?

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

[X] Money [ ] Use of equipment owned by you [ ] Other

Explain in detail on acompanying paper.

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 June 25, 1956

Zweifel, Freeman & Zweifel (Partnership)
(Applicant)

By Merle Zweifel

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

Gunnison, Colorado

Shawnee, Oklahoma

ZWEIFEL, FREEMAN & ZWEIFEL

Uranium Exploration

Radiation Surveys

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Addenda -

4 (a) No mining or exploration operations have been or now are being conducted upon the land.
(b) No past or current production. Ore reserves not known.
(c) Outcrops of Browns Park formation of Tertiary Age showing occurrences of uranium, also Gypsum crystals with traces of selenium. Bedded deposits.
(d) Property accessable via State Highway 117. Supply and residence points at Maybelle, Col

5 (b) 1000 hours with caterpillar tractor to make excavations on Browns Park cutcropping stratas and to explore Tertiary intrusives bearing evidences of selenium on the 36 claims.

6 (a) We propose to let independent contract for 1000 hours work with caterpillar tractor (bulldozer) at an estimated cost of $14.00 per hour. $14,000.00

Assay and labratory work 300.00

7 (a) We are prepared to furnish 25% of this cost in Money.

Respectfully Submitted,

Merle I. Zweifel

MERLE I. ZWEIFEL
For Zweifel, Freeman & Zweifel

This Map Shows Location of Diamond Mountain Mine Group owned by Zweifel, Freeman & Zweifel in Sections 19 & 20, Township 8 North, Range 97 West, Moffat County, Colorado

NW Corner Section 19, T8N, R97W

NE Corner Section 19, T8N, R97W

DIAMOND MOUNTAIN Claim#[illegible]	DIAMOND MOUNTAIN Claim#35	DIAMOND MOUNTAIN Claim#34	DIAMOND MOUNTAIN Claim#33	DIAMOND MOUNTAIN Claim#32	DIAMOND MOUNTAIN Claim#31	DIAMOND MOUNTAIN Claim#30	DIAMOND MOUNTA Claim	DIAMOND MOUNTAIN Claim#28
DIAMOND MOUNTAIN Claim#19	DIAMOND MOUNTAIN Claim#20	DIAMOND MOUNTAIN Claim#21	DIAMOND MOUNTAIN Claim#22	DIAMOND MOUNTAIN Claim#23	DIAMOND MOUNTAIN Claim#24	DIAMOND MOUNTAIN Claim#25	DIAMOND MOUNTAIN Claim#26	DIAMOND MOUNTAIN Claim#27
DIAMOND MOUNTAIN Claim #18	DIAMOND MOUNTAIN Claim #17	DIAMOND MOUNTAIN Claim #16	DIAMOND MOUNTAIN Claim #15	DIAMOND MOUNTAIN Claim #14	DIAMOND MOUNTAIN Claim #13	DIAMOND MOUNTAIN Claim #12	DIAMOND MOUNTAIN Claim #11	DIAMOND MOUNTAIN Claim #10
DIAMOND MOUNTAIN Claim #1	DIAMOND MOUNTAIN Claim #2	DIAMOND MOUNTAIN Claim #3	DIAMOND MOUNTAIN Claim #4	DIAMOND MOUNTAIN Claim #5	DIAMOND MOUNTAIN Claim #6	DIAMOND MOUNTAIN Claim #7	DIAMOND MOUNTAIN Claim #8	DIAMOND MOUNTAIN Claim #9

(Section 19)

SW Corner Section 19, T8N, R97W

SE Corner Section 19, T8N, R97W

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