DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 3967

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

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.

cy region II cy B Mines; cy USGS

Routing Slip

To:	700	Date	9/7/55
To:	Mr. Mittendorf	Date	12-7-55
To:	M+F	Date	12-8-55
To:	Mr. Mittendorf	Date	12-21-55
To:	Mr. Mittendorf	Date	2-17-56
To:		Date	
To:		Date	
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DO NOT DETACH

CONTROLLED DOCUMENT

Copy: See Ref. P. 261 in debt

Sheeting Sec. 13,
T. 16 N., R. 13 E., San Bernardino
County, would indicate land
is roughly:
Lat. N-35°-30'
Long. E-115°-47'-30"

Which would mean the
property is quite a way
north and west of the
good rare-earth oxides deposits
in the Mountain Pass District.

In any case, we should
ask for more information.

Murphy

Surname copy

700

Murphy
Ellis

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

FEB 17 1956

Mr. Francis Donald Sobeck
1216½ So. Sherbourne Drive
Los Angeles 35, California

Re: Docket No. DMEA-3967
(Monazite and rare earths)
Mountain Pass - Birthday claim areas
San Bernardino County, California

Dear Mr. Sobeck:

Reference is made to our letter dated December 21, 1955, in which we stated that the subject docket would be considered closed unless certain information required to process the captioned application had reached this office on or before February 8, 1956. No answer to our communication having been received, we therefore inform you that the subject docket is considered closed as of that date.

This is without prejudice to the merits of your proposed project. We regret the necessity of this action and express appreciation for your interest in the exploration program during the period your application has been under consideration.

Sincerely yours,

C. O. Mittendorf

Administrator

FMurphy/gla
2-17-56
cc to: Admr.'s Reading File
Docket
Messrs. Frank D. Lamb, Rm. 3642
THKiilsgaard, Rm. 5224
Code 700, Mr. Murphy
DMEA Field Team, Region III (2)

R.S.

Surname copy

700

Murphy
Ellis
Mattendorf

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

DEC 21 1955

Mr. Francis Donald Sobeck
1216½ So. Sherbourne Drive
Los Angeles 35, California

Re: Docket No. DMEA-3967
(Monazite and rare earths)
Mountain Pass - Birthday claim areas
San Bernardino County, California

Dear Mr. Sobeck:

This is to acknowledge your undated letter, received December 19, 1955, in which you request additional time, or until February 8, 1956, in order that you can compile and submit the information requested in our letter of September 12, 1955.

We will hold your application open for the time you have mentioned; however, if the essential information requested in our letter is not received on or before February 8, 1956, we will then consider the docket closed.

Sincerely yours,

Signed

Ernest Wm. Ellis, Chief
Rare and Miscellaneous
Metals Division

FMMurphy/gla
12/20/55
cc to: Admr.'s Reading File
Docket
Messrs. Frank D. Lamb, Rm. 3642
THKiilggaard, Rm. 5224
Code 700
Mr. Murphy
DMEA Field Team, Region II (2)

R.C.S.

RECEIVED

DEC 19 1955

Dear Mr. Ellis

Re: DMEA-3967

I am sorry that I have not communicated with you earlyier however I have been indevoring to raise finances with which to supply you with the needed information that you requested and I am still very much interested in the developement of the resources in the Mountain Pass Area of California.

I wonder could it be possible to Grant the application with a waiver of say thirty days for the information requested , considering the ample data available to the government concerning this area.

Sincerely yours,

Francis D. Sobeck

Francis D. Sobeck

United States Dept. of Interior

Defense Minerals Exploration Adm.

Mr. Ernest Wm. Ellis, Chief

Washington, 25, D.C.

Surname copy

700

Murphy
Ellis
Mattendorf

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

DEC - 8 1955

Mr. Francis Donald Sobeck
12164 So. Sherbourne Drive
Los Angeles 35, California

Re: Docket No. DMEA-3967
(Monazite and rare earths)
Mountain Pass
Birthday claim areas
San Bernardino County, California

Dear Mr. Sobeck:

Reference is made to our letters of September 12 and 30, 1955, relating to your referenced application.

Inasmuch as we have received no reply, 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 for the submission of the information requested, but if the needed data have not been received within thirty days from the date of this letter, we will then consider the docket closed.

Sincerely yours,

SIGNED

Ernest Wm. Ellis, Chief
Rare and Miscellaneous
Metals Division

FMMurphy/gla
12-7-55
cc to: Admr.'s Reading File
Docket
Messrs. Frank D. Lamb, Rm. 3642
THKiilsgaard, Rm. 5224
Code 700
Mr. Murphy
DMEA FieldTeam, Region II (2)

A.C.S.

Surname copy

700

Murphy
Ellis
Whittemore

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

SEP 30 1955

Mr. Francis Donald Sobeck
1216½ So. Sherbourne Drive
Los Angeles 35, California

Re: Docket No. DMEA-3967
(Monazite and rare earths)
Mountain Pass
Birthday claim areas
San Bernardino County, California

Dear Mr. Sobeck:

This is to acknowledge receipt of one copy of a map of the Mountain Pass region showing the general area in which the Franklin, Jean, Patricia, and Rita claims are situated. No mention of these claims was made in the subject application and no letter accompanied the map to clarify this discrepancy. With regard to any land on which exploration aid is requested, we require scaled maps or sketches showing the boundaries of each claim or lot included in the application. The claim location descriptions noted on the map submitted are too general for our purpose.

Will you kindly advise this office the approximate date we may expect to receive the additional information requested in our letter of September 12, 1955. You will note that we requested four (4) copies of each exhibit submitted.

It is suggested that all the data be compiled and then submitted at one time to this office. We are returning the copy of the map forwarded, as you may wish to use it in preparing the essential information which we have requested.

FMMurphy/gla 9-29-55
cc to: Admr.'s Reading File
Docket
Messrs. ~~JECrawford~~, Rm. 3647
THKiilsgaard, Rm. 5224
~~JOHosted, Rm. 3210, GSA~~
Code 700
Mr. Murphy
DMEA Field Team, Region II (2)
Enclosure

Sincerely yours,

Frank D. Lamb

Ernest Wm. Ellis, Chief
Rare and Miscellaneous
Metals Division

RCL.

1216½ So. Sherbourne Dr.
Los Angeles, 35, Calif.

Cap:

In answer to ours of sept. 12 applicant sent one map, no letter enclosed. We have the same map (complete), in G.S.P.P. 261, on loan from the Library.

Murphy

LOS ANGELES
SEP 24
9 PM
1955.
36
CALIF.

Defense Minerals Exploration Adm.
U. S. Department of the Interior
Washington, 25, D. C.

9/20/55 gla

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

RECEIVED
SEP 2 1 1955

September 20, 1955

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee, Room 4445

From: Frank D. Lamb, Assistant Chief, Branch of Rare and Precious Metals

Subject: DMEA Docket No. 3967, Monazite-Rare Earths, Application of Mr. F. D. Sobeck, Los Angeles, California

A review of the subject application in which the applicant requests aid, estimated to cost $233,000, in exploring a monazite and rare-earth mineral deposit in the Mountain Pass area of San Bernardino County, California indicates that insufficient data are available to warrant further consideration at this time.

I am returning the application herewith pending receipt of the information requested in your letter to the applicant, dated September 12, 1955.

Frank D Lamb

Frank D. Lamb

Attachment

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

RECEIVED
SEP 2 0 1955

September 20, 1955

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Frank D. Lamb

Attachment

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

RECEIVED
SEP 2 1955

September 20, 1955

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee, Room 4445

From: Frank D. Lamb, Assistant Chief, Branch of Rare and Precious Metals

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Frank D. Lamb

Attachment

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

RECEIVED
SEP 20 1955

September 20, 1955

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee, Room 4445

From: Frank D. Lamb, Assistant Chief, Branch of Rare and Precious Metals

Subject: DMEA Docket No. 3967, Monazite-Rare Earths, Application of Mr. F. D. Sobeck, Los Angeles, California

A review of the subject application in which the applicant requests aid, estimated to cost $233,000, in exploring a monazite and rare-earth mineral deposit in the Mountain Pass area of San Bernardino County, California indicates that insufficient data are available to warrant further consideration at this time.

I am returning the application herewith pending receipt of the information requested in your letter to the applicant, dated September 12, 1955.

Frank D. Lamb

Attachment

Surname 700

Murphy
Ellis
Mittendorf

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

SEP 12 1955

Mr. Francis Donald Schock
1216½ So. Sherbourne Drive
Los Angeles 35, California

Re: Docket No. DMEA-3367 (Monazite and rare earths)
Mountain Pass - Birthday claim group
San Bernardino County, California

Dear Mr. Schock:

The above-docketed application for aid in an exploration project has been reviewed by this Division.

We note that you have estimated the cost of the project at $233,000 and that your share ($52,250) will be covered by personal service. With regard to the estimate of cost you submitted, we will require a breakdown of the individual items.

General geologic data of the Mountain Pass District are available to this Agency. However, in order that we may judge the merits of your proposal we will require the following:

1. Evidence that you have sufficient interest in the property for the purposes of an exploration project.

2. Maps or sketches showing the location of the property. You might use "Plate I, Geological Survey Professional Paper 261" for this purpose, or a similar map if your property is not in the area shown.

3. Larger scale (about 1-inch = 300 feet) maps or sketches of the property showing:

a) Surface rock formations, including areas covered by gravel and alluvium.

b) Locations of any veins and carbonate rock deposits.

c) Locations and collar or portal elevations of all present drill holes, shafts, adits, etc.

d) Locations, widths, and assay results of all samples taken.

e) Location of anomalies found by radiometric surveys.

f) Tentative locations of the new work proposed.

R.G.S.

4. A supporting narrative, giving the extent of each item of exploratory work proposed and the geologic justification for such work.

We require four (4) copies of each exhibit of the above-requested additional information. Your application will be held in abeyance pending receipt of this information.

Sincerely yours,

Ernest Wm. Ellis, Chief
Rare and Miscellaneous
Metals Division

FMMurphy:am
9-9-55
cc to: Admr. Reading File
Docket
Messrs. ~~XXXX~~ F. D. Lamb, Rm. 3649
T. H. Kiilsgaard, Rm. 5222
Code 700
Mr. Murphy
DMEA Field Team, Region II(2)

September 7, 1955

Subject: DMEA 3967
Re: Exploration Assistance
Mountain Pass, Birthday Claims

Mr. Francis Donald Sobeck
1216½ So. Sherbourne Drive
Los Angeles 35, California

Dear Mr. Sobeck:

The receipt of your application dated September 3, 1955 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA 3967 and referred to the Rare and Miscellaneous 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

Lamb

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

RECEIVED
SEP - 6 1955

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 3967
Metal or Mineral Monazite: Rare Earths
Date Received 9-6-55
Estimated Cost 233,000
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: Francis Donald Sobeck
1716½ So. Sherbourne Drive, Los Angeles, 35, Calif.

(*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 Township 16 North, Range 13 East, Section 13, San Bernardino Meridian, San Bernardino County, Mountain Pass Area, Excluding 10 acres occupied by Cima School District, California

(*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 Application To Lease Mineral Rights - 5 Years. Filed U.S. Land Office Los Angeles, Calif.

(*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

(*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. Ref to Geological Map '53

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

(*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.

16—66551-1

Refer To U.S.G.S. Mineral Investigations Field Studies Map MF4 "Bastnaesite Deposits of the Birthday Claims, San Bernardino County, Calif." Sharp & Pray 1952

5. *The exploration project.*—(*a*) [illegible]te the mineral or minerals for which you wi[illegible]o explore Cerium-[illegible]thorum Monazite & Rare Earths Thorium, Quartz Crystals, Molybdenum, zinc, Fluorspar, Bastnaesite.

(*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. Complete Exploration using Standard Techniques

(*c*) The work will start within 7 days and be completed within 23 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. Competent personel will be used

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?

☐ 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 Sept. 3, 1955, 195__

Francis Donald Sabeck
(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

6-b Estimated Cont.

(a) Independent Contract (none)

RECEIVED
SEP - 6 1955

(b) Labor, Supervision, consultants etc.

Geologist, Engineers etc. 3 mos. operation - $100,000.00

(c) Operating Materials & Supplies 80,000.00

(d) Operating Equipment 30,000.00

(e) Rehabilitation & Repairs (none)

(F) New Buildings & installations - 15,000.00

(g) Misc. 10,000.00

(h) Contingencies 8,000.00

total $ 533,000.00

7. My share of costs can be covered by personal service.

U.S.G.S. Geological Maps - "Bastnaesite Deposits of the Birthday Claims, San Bernardino County Calif." - Sharp & Pray 1952

Geological Reports - Mineral investigations Field Studies Map MF4 Index No. 579 Prof. paper No. 261 Olsen, J.C., Shaw D.R., Pray & Sharpe, W.N. 1954 "Rare Earth Mineral Deposits Mountain Pass District, San Bernardino County, Calif." - Thorium Reserves.

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

RECEIVED
SEP - 6 1955

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 3967
Metal or Mineral Monazite + Rare Earths
Date Received 9-6-55
Estimated Cost $233,000
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: Francis Donald Sobeck
17163 So. Sherbourne Dr. Los Angeles 35, Calif.

(*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 Township 16 North, Range 13 East Section 13, San Bernardino Meridian, San Bernardino County, Mountain Pass Area, Calif. Excluding 10 acres occupied by Cima School District, California

(*b*) State any mine name by which the property is known. Mountain Pass Area - Birthday Claim Area

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Application To Lease Mineral Rights - 5 years U.S. Land Office, Los Angeles, Calif.

(*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

(*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. Ref. To Geological Map '52

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

(*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.

16—60551-1

Refer to U.S.G.S. Mineral Investigations Field Studies Map MF4 "Bastnaesite Deposits of The Birthday Claims, San Bernardino County, Calif." Sharp & Gray 1952

Cerium - Lanthanum

5. *The exploration project.*—(*a*) State the mineral or minerals for which you wish to explore Monazite + Rare Earths, Thorium, quartz crystals, Molybdenum, zinc, Fluorspar, Bastnaesite

(*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 7 days and be completed within 23 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?

☐ 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 Sept. 3, 1955, 195__

Francis Donald Sobeck
(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.

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6. Estimated Cost

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(a) Independent Contract (none)
(b) Labor, Supervision, consultants etc.
Geologists Engineers etc, 3 mon. operation - $100,000.00
(c) Operating ~~Equipment~~ Materials & Supplies - 80,000.00
(d) Operating Equipment - 30,000.00
(e) Rehabilitation & Repairs (none)
(f) New Buildings & Installations - 15,000.00
(g) Misc. 10,000.00
(h) Contingencies 8,000.00
TOTAL $533,000.00

7. My share of costs can be covered by personal services.

Geological Maps - "Bastnaesite Deposits of the Birthday claims, San Bernardino County, Calif." Sharp & Pray (1952)

Geological Reports Mineral Investigations Field Map MF-4

Index No. 579 Prof. paper No. 261 Olson, J.C., Shaw D.R., Pray & Sharpe, W.W. 1954 "Rare Earth Mineral Deposits Mountain Pass District, San Bernardino County, Calif." - Thorium Reserves