SEP 5 1952

Mr. Albert L. Madill
P. O. Box 175
Keystone, South Dakota

Subject: Docket No. DMEA-2588 - Beryl-Mica
Goat Lode Mine
Pennington County, South Dakota

Dear Mr. Madill:

Your application for exploration assistance, dated July 26, 1952, Docket No. DMEA-2588, has been carefully reviewed by this office.

The Defense Minerals Exploration Administration field team examination of the mine indicates that there is insufficient evidence of the occurrence of beryl and strategic mica to warrant a Government exploration project on this property.

We regret to advise that the application for exploration assistance in this case is herewith denied.

Sincerely yours,

C. O. Mittendorf

Acting Administrator

JTRobertson:gad 9/3/52

Copy to: Admin. Reading File
Docket File
Operating Committee (2)
Field Team, Region V (2)
Mr. Kauffman, 3510
Mr. Norton, G-232 GSA Bldg.
Mr. Houk

September 3, 1952

Memorandum

To: Chairman, Operating Committee, DMEA

From: Nonmetallic Minerals Division, DMEA

Subject: Docket No. DMEA-2588 - Beryl-Mica
The Goat Lode Mine
(Albert L. Madill)
Pennington County, South Dakota

Re: Recommendation for Denial of Exploration Project Assistance.

The DMEA Field Team, after examination of the mine, recommends a denial of this application. The project involves development of a feldspar mine rather than a reasonable exploration for beryl and mica.

The conclusions and recommendations of the Field Team report should be followed and a denial is recommended.

Jasper T. Robertson
Nonmetallic Minerals Division

JTRobertson:gad 9/3/52

Copy to: Admin. Reading File
Docket File
Mr. Houk

10

MF-103
(Revised April 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 2588
Metal or Mineral
Date Received 8-28-52
Estimated Cost
Participation (Government %)

Defense Minerals Administration
AUG 28 1952
RECEIVED

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: ALBERT L MADILL
BOX 115 KEYSTONE SOUTH DAKOTA

(*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 DESCRIBED ON SEPRATE SHEET

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

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

(*e*) If you own the land, describe any liens or encumbrances on it NONE

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice. NO 3 ON OTHER SHEET

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 OTHER SHEET

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades. 100 TONS

(*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. OPPOSITE SHEET

(*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. OTHER SHEET

16—66551-1

5. *The exploration project.*—(*a*) State the mineral or minerals for which you wish to explore STRATEGIC MICA & BERYL

(*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. SEPRATE SHEET

(*c*) The work will start within 10 days and be completed within 12 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. PAGE 1B

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 JULY 26, 1952, 195 2

ALBERT L. MADILL
(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.

1B

DMEA-2500

1a) ALBERT L. MADILL
BOX 175 KEYSTONE SOUTH DAKOTA

b) —

c) —

d) —

2 —

3a) UNPATENTED MINING CLAIM KNOWN AS THE GOAT LODE LOCATED 4½ MILES SOUTHEAST OF KEYSTONE IN GLENDALE MINING DISTRICT, SEC 15, T2S, R6E PENNINGTON COUNTY SOUTH DAK, CLAIM RECORDED AS STANDING 1500' NORTHWESTERLY BY SOUTHWESTERLY BOUNDED ON THE WEST BY THE V.W KING LODE IN SE¼ OF SW¼ OF SEC 15, DISCOVERY SHAFT IS 620' FROM NW END AND 1100' FROM SE END 300 FT FROM NORTH LINE AND 300 FT FROM SOUTH LINE, RECORDED IN LOCATION BOOK 48 PAGE 241 PENNINGTON COUNTY RECORD OFFICE RAPID CITY SOUTH DAKOTA

b.) GOAT LODE

c) I AM OWNER

D. NONE

E. NONE

F. SEE ABOVE

4a) The property was operated for two weeks in spring of 52 and about 100 tons of feldspar was mined. The dyke has four open cuts. The most costly is 60 feet long 8 feet wide and 9 feet high at the face. South of this is the most recent working. An open cut approximately 30' long 18' wide and 15' high at the face. The other two cuts are near the west end of the dyke and one is up near the crest and is approximately 30' long 15' wide 15 ft high at the face. The extreme northeasterly cut is approximately 20' in length 8' wide with a 15 ft face. All cuts are readily accessible for examination. Feldspar of minable grade is exposed in all four cuts.

B) 100+

Reserves have not been consolidated

C. The pegmatite is approximately 400 ft in length and 60' wide. The shift is N60° W and the dyke dips about 75° to the northeast. The principal minerals are potash feldspar and mica. No reports or maps available.

D. The property is accessible from Keystone by way of Greyhound Gulch or the County Road to Glendale. The N up Greyhound Gulch about ½ a mile and then south ½ mile. The last ½ is in poor shape and in need of repair.

C) Manpower, materials, supplies and equipment are available also. Water needed for equipment is available. Trailer equipment such as compressor and trucks are gasoline driven.

5a) Strategic mica and beryl

b. ~~spar~~ ~~spar~~ ~~spar~~ ~~mica~~

C. 10 DAYS — 12 MONTHS

D. I HAVE WORKED IN THE MINES AROUND KEYSTONE FOR 14 YEARS AND FEEL THAT I AM CAPABLE OF SUPERVISING THE EXPLORATION.

6a) NONE

B. LABOR $1.35 per hr = $75.60 per week per man
SUPER $1.50 " " = " " " " "
TECH $1.40 " " = " " " " "

C. MATERIALS & SUPPLIES DYNAMITE, DRILL BITS
D. OPERATING EQUIPMENT $150.00 TO $200.00 MONTH
E. NONE
F. NONE
G. MISC. $100.00 ROUGHLY
H. CONT. $50.00 TO $100.00

7a) YES
BY WORK LABOR OR CREDIT
MONEY NEED approximately — $6000.00

ALBERT L. MADILL

MF-103
(Revised April 1952)

2a

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/2588
Metal or Mineral
Date Received 8-28-52
Estimated Cost
Participation (Government %)

Defense Minerals Administration
RECEIVED
AUG 28 1952

INSTRUCTIONS

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BOX 175 KEYSTONE SOUTH DAKOTA

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

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

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(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice. NO3 ON OTHER SHEET

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 ATTACHED SHEET

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades. 100 TONS

(*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. OPPOSITE SHEET

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16—66551-1

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(*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. SEPARATE SHEET

(*c*) The work will start within 10 days and be completed within 12 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. PAGE 2B

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

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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 JULY 26, 1952, 195_2

ALBERT L. MADILL
(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

2B

DMEF-2588

1a) ALBERT. L MADILL
BOX 175 KEYSTONE SOUTH DAKOTA
b -
c - D -
2) -
3(a) UNPATENTED MINNING CLAIM KNOWN AS THE GOAT LODE LOCATED 4½ MILES SOUTH EAST OF KEYSTONE IN THE GLEN-DALE MINNING DISTRICT. 1, SEC 15 T2S R6E PENNINGTON COUNTY. SO DAK CLAIM RECORDED AS STANDING 1500' NORTH WESTERLY BY SOUTH WESTERLY BOUNDED ON THE WEST BY THE V, W KING LODE IN SE¼ OF SW¼ SEC 15 DISCOVERY SHAFT IS 670' FROM NW END AND 1160 FT FROM SE END 300 FET FROM NORTH LINE AND 300 FEET FROM SOUTH LINE. RECORDED IN LOCATION BOOK 48 PAGE 241 PENNINGTON COUNTY RECORD OFFICE RAPID CITY SOUTH DAKOTA.
b) GOAT LODE
C, I AM OWNER
D, NONE
E, NONE
F SEE ABOVE

4a) THE PROPERTY WAS OPERATED FOR TWO WEEKS IN SPRING OF 52 AND ABOUT 100 TONS OF FELDSPAR WAS MINED THE DYKE HAS FOUR OPEN CUTS THE MOST COSTLY IS 60 FEET LONG 8 FEET WIDE AND 9 FT HIGH AT THE FACE SOUTH OF THIS IS THE MOST RECENT WORKINGS, AN OPEN CUT APPROXIMATELY 30' LONG 18 WIDE AND 15' HIGH AT THE FACE THE OTHER TWO CUTS ARE NEAR THE WEST END OF THE DYKE ONE IS UP NEAR THE CREST AND ARE APPROXIMATELY 30' LONG 15 WIDE AND 12' HIGH AT THE FACE THE EXTREME NORTHEASTERLY CUT IS APPROXIMATELY 20' IN LENGTH 9' WIDE WITH A 15 FT FACE ALL CUTS ARE READILY ACCESSIBLE FOR EXAMINATION FELDSPAR OF MINABLE GRADE IS EXPOSED IN ALL FOUR CUTS

b). 100 +

RESERVES HAVE NOT BEEN CONSOLIDATED

c). THE PEGMATITE IS APPROXIMATELY 460 FT IN LENGTH AND 60' WIDE THE SHIFT IS N60° W AND THE DYKE DIPS ABOUT 75° TO THE NORTH. THE PRINCIPAL MINERALS ARE POTASH FELDSPAR AND MICA. NO REPORTS OR MAPS AVAILABLE

A) THE PROPERTY IS ACCESSIBLE FROM KEYSTONE BY WAY OF GREYHOUND GULCH, OR THE COUNTY ROAD TO GLENDALE THEN UP GREYHOUND GULCH ABOUT 1/4 OF A MILE AND THEN SOUTH 1/4 MILE THE LAST 1/4 MILE IS IN POOR SHAPE AND IN NEED OF REPAIR.

C) MANPOWER, MATERIALS, SUPPLIES AND EQUIPMENT ARE AVAILABLE. ALSO WATER NEEDED FOR EQUIPMENT IS AVAILABLE. TRAILER EQUIPMENT SUCH AS COMPRESSOR AND TRUCKS ARE GASOLINE DRIVEN

5a STRATEGIC MICA AND BERYL

b) SPAR SPAR SPAR MICA

C 10 days — 12 MONTHS

D) I HAVE WORKED IN THE MINES AROUND KEYSTONE FOR 14 YEARS AND FEEL THAT I AM CAPABLE OF SUPERVISING THE EXPLORATION

6a. None

b. Labor $1.35 per hr = $75.60 per Week per man

Super $1.50 per hr = $176 per week =

Tech $1.40 per hr = $100 per Week per =

c. Materials & supplies dynamite & Bits

d. operating equipment $150.00 To $300.00 monthly

e. None

f. None.

g. misc. $100.00 Roughly

h. Cont $50.00 To $100.00

7a. Yes

By work, labor, or credit

Money needed Approximately $6000.00

Albert L. Madill.

MF-103
(Revised April 1952)

30.

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

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Not to be filled in by applicant

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Participation (Government %)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 28 1952

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U. S. GOVERNMENT PRINTING OFFICE 16—66551-1

3b

DMEA-2508

1a) ALBERT L. MADILL.
BOX 175 KEYSTONE, SOUTH DAKOTA

b —

c —

d —

2) —

3a) UNpatented MINING CLAIM KNOWN AS THE GOAT LODE LOCATED 4½ MILES SOUTH EAST OF KEYSTONE IN THE GLENDALE MINING DISTRICT, SEC 15, T2S R6E PENNINGTON COUNTY SOUTH DAKOTA CLAIM recorded AS STANDING 1500' NORTHWESTERLY BY SOUTHWESTERLY BOUNDED ON THE WEST by the V.W KING LODE IN SE¼ OF SW¼ OF SEC 15, DISCOVERY SHAFT IS 670' FROM NW END AND 1150 FT. FROM SE END 300 FT FROM NORTH LINE AND 300 FT FROM SOUTH LINE. RECORDED IN LOCATION BOOK 48 PAGE 241 PENNINGTON COUNTY RECORD OFFICE RAPID CITY SOUTH DAKOTA.

b) GOAT LODE

c) I AM OWNER

D) NONE

F) SEE ABOVE

4a) The property was operated for two weeks in spring of 52 & about 100 tons of feldspar was mined the dyke has four open cuts the most costly is 60 feet long 8 feet wide and 9 feet in high at the face south of this is the most recent workings an open cut approximately 30 ft long 18 ft wide and 15 ft high at the face. The other two cuts are near the crest and are approximately 30 ft by 15 ft by 15 ft at the face the extreme north easterly cut is approximately 90 ft in length 8 ft wide and is 8 ft high at the face. All cuts are readily accessible for examination feldspar of mixable grade is exposed.

b) 1907
Reserves have not been consolidated

c. The pegmatite is approximately 400 ft in length and 60 wide, the slift is N60° W and the dyke dips about 75° to the NE

The principal minerals are potash feldspar, No reports or maps available.

D) The property is accessible from Keystone by way of Greyhound Gulch or the county road to Glendale then up Greyhound Gulch about ½ mile and then south ½ mile. The last ½ mile is in poor shape and in need of repair.

E. Manpower, materials, supplies and equipment are available and also the water needed is available. Trailer equipment such as compressors and trucks are gasoline driven.

5a Strategic Mica and Beryl

B ~~Spar~~ ~~Spar~~ ~~Spar~~ Mica

C 10 days - 12 months

D) I have worked in the mines around Keystone for 14 years and feel that I am capable of supervising the exploration.

6a) None
b) Labor
$1.35 per hr = $75.60 per week per man
Super $150 per hr = $176. per week per man
Tech $140 per hr = $100 per week per man

c) Materials & Supplies, dynamite & bits

D) operating Equipment $150.00 to $200.00 per month.
e) None
f) None
G) miss $100.00 roughly
h CONT. $50.00 to $100.00
7a) yes
By work labor on credit
Money needed approximately $6000.00

ALBERT L MADILL

600

Mr. A. B. Needham
Executive Officer, DMEA
Field Team, Region V
2906 Colfax Avenue, South
Minneapolis 8, Minnesota

Subject: Docket No. DMEA-2588
Beryl-Mica
Goat Lode Mining Claim
Keystone, South Dakota

Dear Mr. Needham:

A field team review is requested for the above referred exploration application, and if you deem it necessary, a field examination may be made of the property.

The question of time schedule, amount and location of work, estimated costs, and other details should be discussed with the applicant and he probably needs some help and advice in these matters.

Please find enclosed copies of the memoranda from the Bureau of Mines and Geological Survey with respect to the application.

Sincerely yours,

George C. Selfridge

ACTING Chairman, Operating Committee
Defense Minerals Exploration
Administration

Approved:

J. H. Hedges

Member, Bureau of Mines

T. P. Thayer

Member, Geological Survey

Enclosures 2

JTRobertson:gad 7/9/52
Copy to: Admin. Reading File
Docket File
Operating Committee (2)
Mr. Kauffman, 1347
Mr. Norton, G-232 GSA Bldg.
Mr. Houk

600

Mr. Albert Medill
Box 175
Keystone, South Dakota

Subject: Docket No. DMEA-1505
Beryl-Mica
Goat Lode Mining Claim
Keystone, South Dakota

Dear Mr. Medill:

Your application is being referred to Mr. A. B. Needham, Executive Officer, DMEA Field Team, Region V, 2908 Golfax Avenue, South, Minneapolis 8, Minnesota, for further information.

Sincerely yours,

(signed) FRANK E. JOHNSON

Acting Administrator
Defense Minerals Exploration
Administration

JTRobertson:gad 7/9/52

Copy to: Admin. Reading File
Docket File
Operating Committee (2)
Field Team, Region V
Mr. Dietrich, 3526
Mr. Morton, G-232 GSA Bldg.
Mr. Houk

[redacted]-103
(April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

Albert S. Madill Box 175 Keystone S. Dak

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-2588
Metal or Mineral
Date Received 6-23-52
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: Albert S. Madill

Box 175 Keystone, South Dakota

(*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. [illegible] located and staked according to the mining laws of South Dakota

(*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. The Great Lode I am owner and operator of same

(*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. [illegible]

(*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*) [redacted] the mineral or minerals for which you wish [redacted] xplore Metalliferous Ores of Precious Metals

(*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 10 days and be completed within 36 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. none

(*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. none

(*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. about $1000.00

(*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. about $1000.00 only

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)? yes

(*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 ....., 195...

Albert S. Onadill
(Applicant)

By [redacted]

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

Albert L. Martin

4(a) I had an air compressor and a hydraulic hoist on the ground for two weeks mining chiefly feldspar at the time.

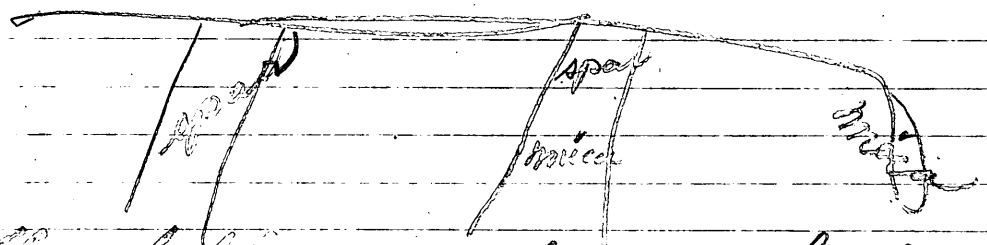
(B) We mined about 10 tons of feldspar in 10 days last mining on No 1 Rock

(C) The mine is a pegmatite dyke the mica occurs in streaks and layers and it is rarely over mica. I want to explore for more mica and dyke which is quite possible.

(D) The road is pretty fair for a mine road and we are only six miles from the nearest shipping point for spar but the nearest R.R. overland depot at Custer mounts the mica that is 35 miles away. I can sell the spar here in Stow.

(E) Can get plenty of help, materials and supplies are numerous and equipment is available for the asking. Fuel for power

(5-B) The mine runs lengthwise as indicated by line thus.



All feldspar and mica for 500 feet.

(4) I have worked in the mines around here since I was 17 years of age and I am Thirty one now. I have helped the Board of Mines to develop property here in town also. I think I can do the supervising of.

(5a) 1. none

(b) wages are around $1.30 to $1.35 for labor here.

(c) operating materials and supplies comp. of Denver high consists of jack hammer $380. air compressor $1100. drills $100. per foot bits 50 cents apiece.

(D) There are no buildings to be repaired there are two cottages to be built which will cost $1100. apiece

(E) There are air compressors here to be rented for $30 dollars a day. I have nothing but a few drills and a couple of tungestine bits at $11.00 apiece.

(7B) I will help to get my share from an individual or I'll help to work it out I'll get it some how.