DMA Form 1

370

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 1682X

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.

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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

To: Mort Lyon Date 7-31

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INT.-DUP. SEC., WASH., D.C. 98868

320

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

July 30, 1951

Q.E.C.

Memorandum

To: Reports and Records Unit, DMA

From: Chief, Industrial Minerals Branch, DMA

Subject: DMA-1682X, H. L. Hoefert
Commodity: Mica and Beryl
Amount of loan: $5,504.20

Denial recommended because:

1. No sound geologic basis established to warrant exploration.

2. Field Team reports no evidence of concentration of strategic minerals seen sufficient to warrant proposed exploration.

Attachments:

1. Form MF-103, in duplicate with attachments.

2. Report from Field Team, Region V.

James A. Barr
James A. Barr, Sr.

Approved:

Tom Lyon
Director, Supply Division

FILE COPY
SURNAME:

Barr

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

July 30, 1951
Code 370

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To: Reports and Records Unit, DMA

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James Barr
M. P.
James A. Barr, Sr.

8/3
cc

Approved:

Director, Supply Division

RWASKEY:mp
cc: Mr. Lyon
Mr. Barr
Field Team, Region V (2)
DMA Files

FILE COPY
SURNAME:

370 Barr

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

July 30, 1951

Mr. H. L. Hoefert
P. O. Box 244
Custer, South Dakota

Subject: DMA-1682-X G. E. C.

Dear Mr. Hoefert:

Your application for aid for an exploration project on Mica and Beryl deposit located on Victory No. 1 Claim near Custer, South Dakota and docketed as DMA-1682-X, has been reviewed by this office.

Projects approved by the Defense Minerals Administration must, in its judgment, show definite promise of yielding material of acceptable grade, physical character and specification, in quantities that will significantly improve the mineral supply position for National Defense.

A very careful study of your proposal revealed the following:

1. A sound geologic basis to justify exploration has not been established.

2. An examination of the deposit failed to produce evidence of concentration of strategic minerals sufficient to warrant the proposed work.

Under these circumstances, your application for exploration aid to the extent of 90 per cent of $5,504.20 is denied. Should additional information become available, we would be glad to have you resubmit your proposal for consideration.

Very truly yours,

Tom Lyon

Tom Lyon
Director, Supply Division

JWaskey:awj

cc:File
Adm. Reading File
Reports & Records Unit
Mr. Lyon
Mr. Barr

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

July 30, 1951

Mr. H. L. Hoefert
P. O. Box 244
Custer, South Dakota

Subject: DMA-15 2-X

Dear Mr. Hoefert:

Your application for aid for an exploration project on Mica and Beryl deposit located on Victory No. 1 Claim near Custer, South Dakota and docketed as DMA-15 2-X, has been reviewed by this office.

Projects approved by the Defense Minerals Administration must, in its judgment, show definite prospects of yielding material of acceptable grade, physical character and specification, in quantities that will significantly improve the mineral supply position for National Defense.

A very careful study of your proposal revealed the following:

1. A sound geologic basis to justify exploration has not been established.

2. An examination of the deposit failed to produce evidence of concentration of strategic minerals sufficient to warrant the proposed work.

Under these circumstances, your application for exploration aid to the extent of 90 per cent of $[illegible] is denied. Should additional information become available, we would be glad to have you resubmit your proposal for consideration.

Very truly yours,

Tom Lyon

Tom Lyon
Director, Supply Division

JWaskey:awj

cc:File
Adm. Reading File
Reports & Records Unit
Mr. Lyon
Mr. Barr

UNITED STATES
DEPARTMENT OF THE INTERIOR
OSCAR L. CHAPMAN, SECRETARY

REPORT OF EXAMINATION BY FIELD TEAM
REGION V

DMA-1682X

Victory No. 1 Pegmatite, Custer District

Custer County, South Dakota

Glen Walker, Mining Engineer
U. S. Bureau of Mines

M. H. Staatz, Geologist
U. S. Geological Survey

July 3, 1951

DEFENSE MINERALS ADMINISTRATION
Report of Field Examination

by

Glen Walker, Mining Engineer
U. S. Bureau of Mines

M. H. Staatz, Geologist
U. S. Geological Survey

Docket No.: DMA 1682X
Property: Victory No. 1
Applicant: H. L. Hoefert
Commodity: Mica, beryl

Conclusions and Recommendations

The project, as outlined by the applicant, is not feasible because the deposit is of insufficient size and mineral character. Strategic minerals in concentrations sufficient to warrant further exploration were not observed.

Exhibit A

This is an irregular, branching perthite-quartz, sillimanite pegmatite in highly folded quartz-mica-sillimanite schist. The deposit strikes N. 55° W., dips 40° to 60° southeast, the outcrop is the dip slope. The pegmatite is 250 feet long, 8 to 10 feet thick, and is explored by a shaft or pit on the southeast side, 20 feet by 10 feet by an unknown depth, due to water. A second pit in the south branch of the deposit, 8 feet by 6 feet by 4 feet, is entirely in the wall zone and shows graphic granite.

The pegmatite is mostly wall zone 3 to 5 feet thick. This zone contains oligoclase (47 percent), quartz (40 percent), sillimanite (10 percent), tourmaline (3 percent), and minor amounts of muscovite, biotite and garnet. The muscovite is in small crystals and is scrap quality. The wall zone is medium to fine grained (1 to 4 inches). No beryl was found.

The core is one pod 3 feet by 10 feet and consists of quartz, perthite, graphic muscovite, and a little oligoclase.

Although sheet mica and beryl have been reported, Staatz concludes they were probably found in the sharp fold that caused the abrupt change in dip of the deposit near the collar of the shaft.

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. DMA 1682 X

Commodity Mica-Beryl

Total Amount 5,504.28

Govt. Participation 90%

1. Name and Address of Applicant H. L. Hoefert, P.O. Box 244 Custer, S. Dak.

2. Location of Property 1½ miles E of Victory mine. NW¼ Sec. 16, T35, R5E, B.H.M. South Dakota, I presume

3. Mineral or metal Mica Beryl Is it listed in Section 9 of MO-5? Yes

If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good Don't know - Needs field examination

b) Poor If statements are true, this may

c) None be a fairly good prospect.

d) Don't know—needs field examination Yes

e) Is there an alternative and favorable project? _____ (If so, attach an explanation)

5. Is the applicant's right to the property clear? Yes - owner (question 5, 6, 7)*

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 9 - 1951
LANDON F. STROBEL
Executive Secretary

6. If applicant is a lessee, is a copy of the lease attached? No —

Does the lease have sufficient time to run to cover a future productive period? —

*question numbers are those of MF-103

7. Are subordination agreements necessary? No

a) MF-201? ——

b) MF-202 ——

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower Yes

b) Equipment and supplies Yes
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Yes

d) Water (question 13)* Yes

e) Power (question 13)* Yes - use gasoline engines

Is a field check needed on any of these points? Yes

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* Yes - will need assistance on geology

Is a field check needed on this point? Yes

10. Exhibit A. (questions 21 and 22)*

a) Is the project adequately described? Yes

If not, are there sufficient data given so that you can describe the project? No If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? No

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? Yes -

If not, what part of it is?

Is this part a worthwhile exploration project? —

d) Are the cost estimates detailed? No

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? No If so, attach a draft.

e) Are the cost estimates reasonable? None given

f) Should more information be requested from applicant? Yes - by field team

g) Is a field examination necessary to complete Exhibit A? Yes - to see if proposed exploration is the best available. JMR

11. Exhibit B (question 23-d)*

a) Is it applicable? Yes.

b) If so, are sufficient data furnished? No If so, attach a draft.

c) Is a field check needed? Yes - cost given appears low

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? Yes

b) Sufficient data? No If so, attach a draft.

c) Are rents and charges reasonable? appear to be low

d) Is a field check needed? Yes

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data? Yes

b) Is the schedule adequate for the work proposed? Yes

c) Is the schedule excessive for the work proposed? No

d) Are the proposed wages and salaries reasonable? Yes

e) Is a field check needed? Yes

14. Exhibit E (question 23-c)*

a) Is it applicable? No - no existing facilities

b) Sufficient data? —

c) Reasonable? —

d) Field check needed? —

15. In your judgment, can the proposed work be done in the proposed time? With competent work - Yes - (Better to say 5 mo. than 3 mo.)

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? Investigate the geological conditions & determine if the work proposed will properly explore the pegmatites. Also determine the condition of the equipment offered & the proposed methods of work to be used

Reviewed by: J A Reddem 6/21/57 USGS

Date 6/21/57

97692

6/25/51 Docket No. DMA 1682 X

Section 10. Exhibit A.-

The project is not very well described as to the geologic conditions or the reasons for the work contemplated nor are the condition of the shaft or other working described. On the basis of the scanty information given the work appears to justify examination by the field team to determine the probability of a successful outcome of the project.

Section 11. Exhibit "B"

At least a tool shed + protective covering for the hoist should be built. The cost indicated appears low + probably should be doubled, to $200 ≈. This the field team should also investigate + decide.

Section 12 Exhibit "C"

The equipment of the applicant to be rented for the project should be inspected to ascertain if it can be used effectively. The purchase of only a hoist cable is justified but the price quoted is probably low. This question should be investigated by the field team to see if the proposed is adequate for the project + determine a proper expenditure for the items necessary

Section 13 Exhibit "D"

The labor force proposed appears adequate for the work to be done but may have to have one or two laborers added to it. The wages quoted are reasonable

6/25/51 DMA. 1682 X

Section 14. Exhibit E.

With no existing facilities on the property, no repair or rehabilitation work will be required.

Section 16. Recommendations.—

The program submitted by this applicant is modest enough + has enough exploration value to be worthy of careful consideration. The field team should investigate the geological conditions in the immediate vicinity of the old shaft + the apparent value of the pegmatites to be tested by the work proposed to render an opinion on the application. The details of the work to be done, the equipment + men to be used should also be discussed with the applicant + the best means to be used to carry out the work in an efficient way.

JMP

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. Dma-1682X

Date received 6/13/51

Participation

H. L. Hoefert
P. O. Box 244
Custer, South Dakota

Name and address of applicant

Date

FILL IN THIS BLOCK

Date of application May 28, 1951

Estimated cost $5,504.28

Mineral or metal Mica and beryl

Percentage of Government participation 90%

Location of mine NW¼ sec. 16, T. 3 S., R. 5 E.

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

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

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

    NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.

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

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.

15. State in detail how the ore could be shipped and how and where milled.

*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

*17. Production:
    (*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.

19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?

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

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

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

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

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

---------- By N. L. Hoefert
(Name of company) (Signature of authorized official)

---------- ----------
(Date) (Title)

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

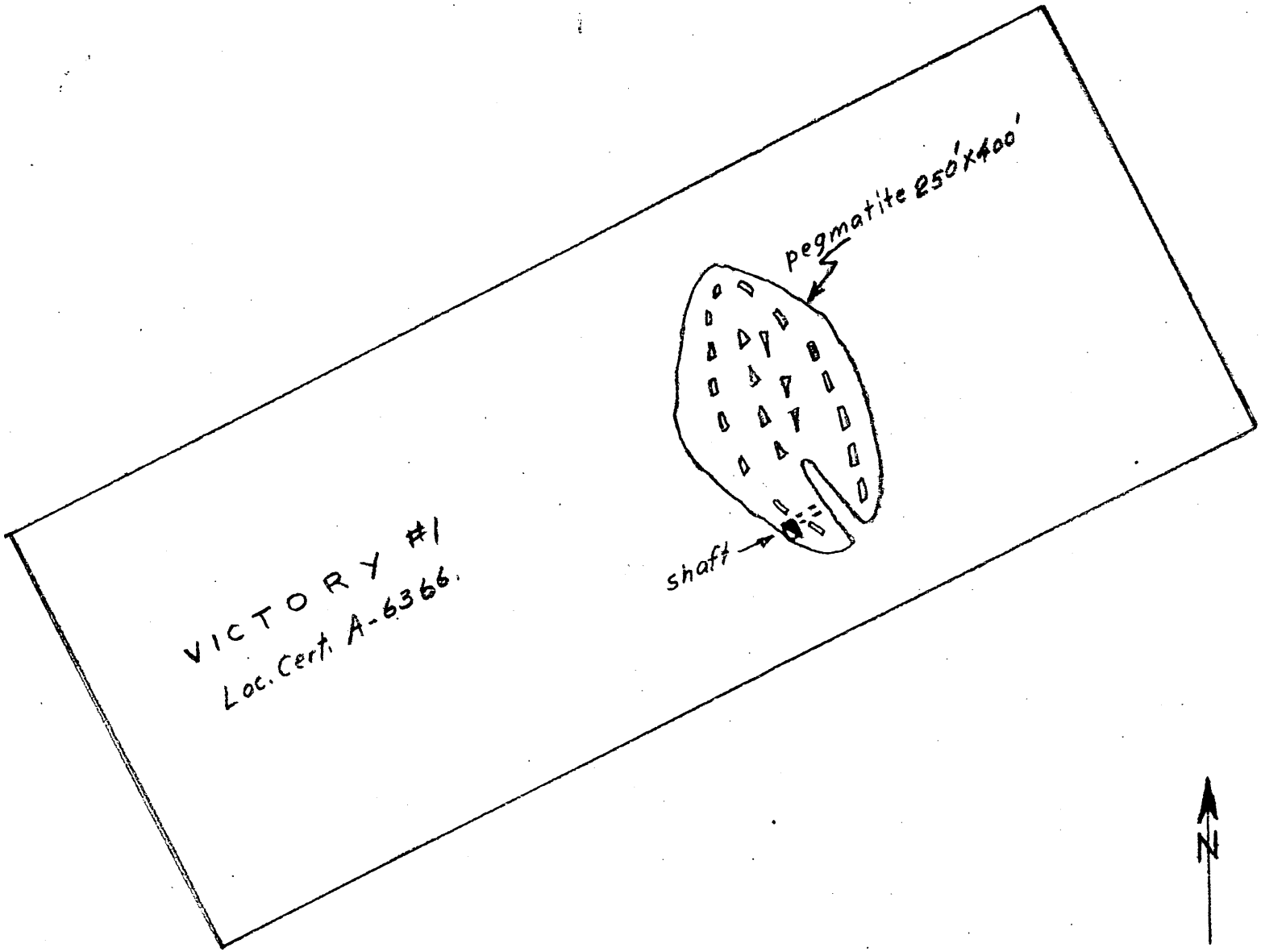
H. L. Hoefert
Box 244
Custer, S. Dak.

1. Applicant is an individual
2. Not a partnership
3. Not a corporation
4. Employed three years at Spokane mine as miner. Have worked ~~from~~ our pegmatite deposit on own account. Spent about a year contract drilling for others in pegmatites.
5. Applicant is the owner of the property.
6. There are no claims, liens, or other encumbrances against the property.
7. Answered in 5.
8. Own home of 14 acres with two dwellings, new Chevrolet Pickup, air compressor, hoist, blacksmith and other small tools. Have no outstanding debts.
9. Applicant is prepared to meet his 10% requirement of the proposed project.
10. (a) The Victory #1 unpatented claim is located in the NW¼ sec. 16, T. 3 S., R. 5 E., B.H.M.
    (b) Location certificate A-6366 on property is recorded in Custer County, S. D. records book 17, page 237, dated 9-43.
11. Claim has been named only Victory #1.
12. Beginning at property, through which county maintained gravel passes, go south 1/2 mile to junction with another county graveled road, turn right or southwest for 1½ miles to U. S. 16, turn right, or west, on paved road 3 miles to Custer, S. Dak., a rail point and feldspar mill. The roads are all-weather.
13. The use of water will be very limited; just that for cooling compressor and gasoline hoist engine. This water will be hauled 1 mile, from home. Gasoline for power will be delivered in barrels.
14. A small gasoline powered hoist is the only equipment now on property. It needs about 100 feet of 1/2ø" wire cable to be ready for operation.
15. Ore would be hauled by truck to Custer via roads described above in 12; here it would be sold directly to local buyers or shipped by rail to market.
16. (a) The applicant located the Victory #1 mica mining claim in Sept. 1943 and began sinking a shaft on one side of the deposit where a showing of good mica was encountered. This 12 x 12 x 10 foot shaft produced about 100 tons feldspar, 2 tons scrap mica, 100 lbs. beryl, and 184.62 lbs. #1 and #2 grade hard ruby sheet mica. Operations ceased in Sept. 1944 when price of sheet mica fell.
    (b) The Victory mine, about 1½ miles west of this property, was one of the largest sheet mica producers in the Black Hills.
    (c) No reports are available and to my knowledge no examinations have been conducted by mining engineers or geologists.
17. The mine is now idle and has been since Sept. 1944.
18. (a) This is a pegmatite deposit about 250 feet wide and 400 feet long. It strikes northwest and dips in various directions. There appears to be a sort of a zone along the side of the dike where most of the good mica and beryl are found.

H. L. Hoefert
Box 244
Custer, S. Dak.

18. (b) A sketch showing the general relations of the deposit and workings to the claim boundaries is enclosed.
    (c) Due to the nature of the deposit and the slight amount of work done it is difficult to give a reasonable figure as to the reserves of mica and beryl.
19. No conditions have been omitted.
20. The exploration is to be conducted for mica and beryl in a granitic pegmatite deposit.
21. It is proposed to timber the present shaft, then to deepen it 60 feet, but to cut the cross-section size to about 8 x 8 feet. From shaft bottom intend to drive 5 x 7 crosscut about 35 feet into dike. This work should be completed in approximately 3 months.
22. About the only basis for the belief that mica and beryl will be found in economic quantities is past experience. As stated in 16 (a) products valued at approximately $1,400 have been sold from the excavation which was about 1,440 cu. ft., or 120 tons.
23. (a) labor:

1 hoistman @ $1.25 per hr.)		
1 miner @ $1.25 per hr.)	804.76/mo.	$ 2,414.28
1 mucker @ $1.15 per hr.)		
(b) 1 supervisor - $180.00 per mo.		540.00
(c) cost of repairs to existing facilities - none		
(d) cost of new facilities - tool shed		100.00
(e) cost of new equipment - hoist cable & accessories		50.00
(f) cost of rental for equipment - none		
(g) rental value of operator's equipment:		
compressor and jackhammer - $200 per mo.		600.00
(h) cost of material and supplies - $500 per mo.		1,500.00
(i) cost of power - $100 per mo.		300.00
	Total	$ 5,504.28



SKETCH of VICTORY #1 mica & beryl claim

H.L.Hoefert,box 244,Custer,S.D.

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. DMA-1682 X

Date received 6/13/51

Participation

H. L. Hoefert
P. O. Box 244
Custer, South Dakota

Name and address of applicant

Date

FILL IN THIS BLOCK

Date of application May 28, 1951

Estimated cost $5,504.28

Mineral or metal Mica and beryl

Percentage of Government participation 90%

Location of mine NW¼ sec. 16, T. 3 S., R. 5 E.

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

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

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

    NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.

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

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.

15. State in detail how the ore could be shipped and how and where milled.

*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

*17. Production:
    (*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.

19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?

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

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

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

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

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

(Name of company)

By H. L. Hoefert
(Signature of authorized official)

(Date)

(Title)

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

[illegible]
Box [illegible]
Keystone[?], S. Dak.[?]

1. Applicant is an individual.
2. [illegible]
3. [illegible]
4. [illegible] have been located. Have located four[?] prospective [illegible] a few [illegible] drilling for others [illegible]
5. [illegible] property.
6. [illegible] property.
7. [illegible]
8. [illegible]
9. [illegible]
10. (a) [illegible]
(b) [illegible]
11. [illegible]
12. [illegible]
13. [illegible]
14. [illegible] property. [illegible]
15. [illegible]
16. (a) The applicant located the Victory[?] [illegible] mining claim in Sept. 1945[?] and began sinking a shaft on one side of the deposit where a showing of [illegible] was encountered. This 12 x 15 x 10 foot shaft produced about [illegible], 100 lbs. beryl, and 184.48[?] [illegible]. Quantities [illegible] in [illegible]
(b) The Victory[?] [illegible] of this property, was one of the [illegible] in the Black Hills.
(c) No reports are available and to my knowledge no examinations have been conducted by [illegible].
17. [illegible] 1944.
18. (a) This is a [illegible] about 250[?] feet wide and 400 feet long. [illegible] in various directions. There appears [illegible] along the side of the dike where [illegible] of the [illegible] and beryl[?] [illegible].

R. L. Jones
Feb 24
Chemistry, 3r Dec.

1. Apparatus to be in drawout
2. Not a permanently
3. Not a corporation
4. [illegible] Then moved down [illegible] [illegible] or the amount. Apart from [illegible] [illegible] in operation.
5. Negligent in the [illegible] of the property.
6. There are no [illegible] items, or other [illegible] [illegible] property.
7. Improved in [illegible].
8. The [illegible] is [illegible] not [illegible] [illegible], or [illegible] [illegible], air [illegible], [illegible], [illegible] and other small tools. [illegible] [illegible] [illegible].
9. [illegible] is prepared to [illegible] by 10% for [illegible] of the property [illegible].
10. (a) The [illegible] of [illegible] claim is located in the city [illegible] 1, 2 [illegible] 3 [illegible] 4, 5, 6.
(b) Location [illegible] [illegible] on property [illegible] [illegible] in [illegible] [illegible] 3, 5, [illegible] [illegible] 17, [illegible] 27, [illegible].
11. Claim has been [illegible] only [illegible] [illegible].
12. [illegible] of property, [illegible] [illegible] [illegible]

E. A. Bostwick
Sec. Eng
Sydney, N. S. W.

10. (a) A sketch showing the general relations of the deposit and workings to the plain boundaries is enclosed.
(b) Due to the nature of the deposit and the slight amount of work done it is difficult to give a reasonable figure as to the reserves of ore and bergh.

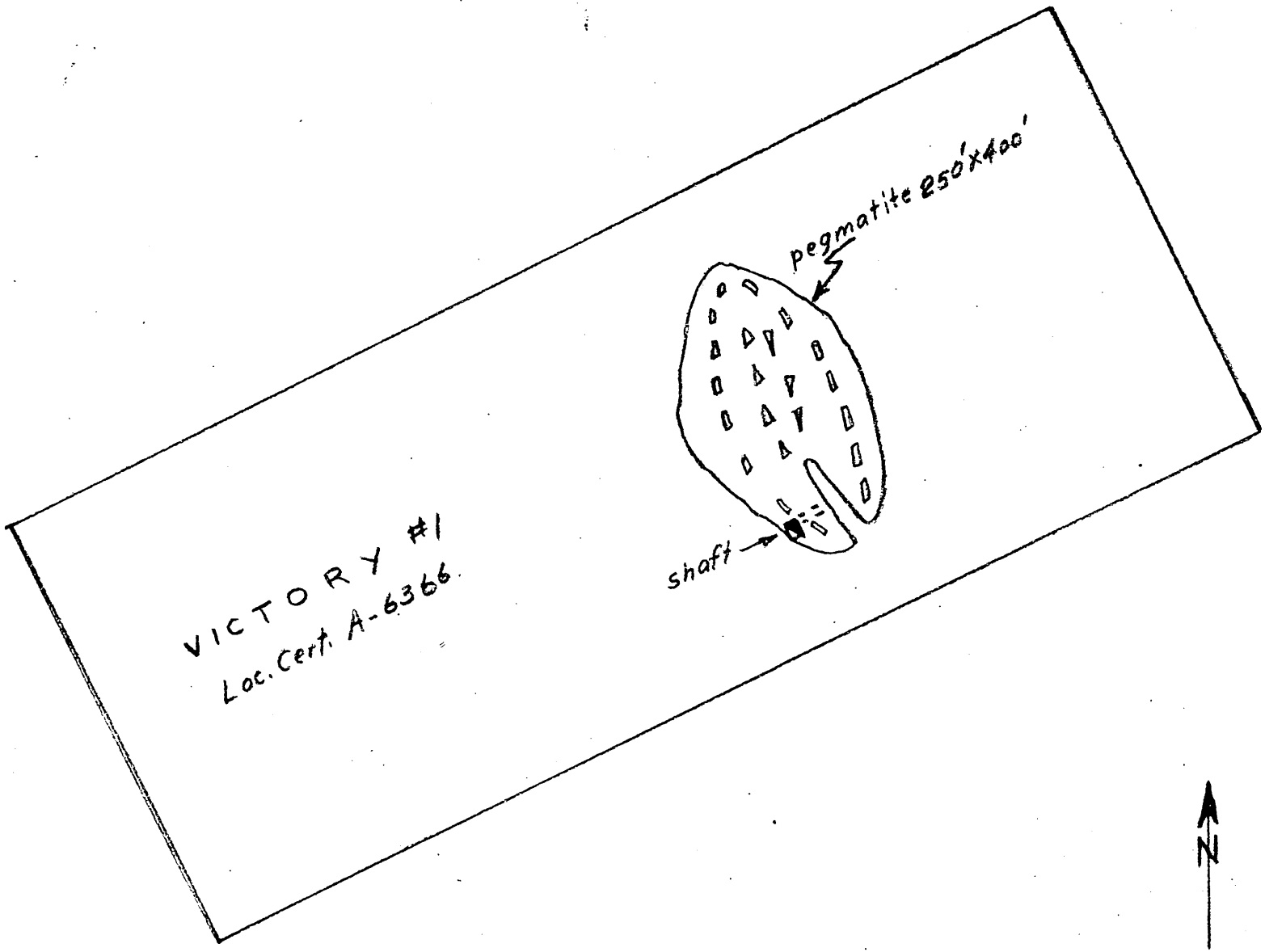
11. No sinkings have been carried.
12. The exploration is to be conducted per shaft and bergh in a practical prospect.

13. It is proposed to sink for present depth, then to deepen to 60 feet, and to cut the intersection that is about 2 x 3 feet. This might involve lateral to drive 120 feet towards Shaft 24 feet both sides. This work should be completed in approximately 3 months.

14. Much the only work for the relief that does not bergh will be found in connection with the deposit. As stated in 10 (a) previously, values in approximately figure have been cut from the pillarings which are about 1,000 sq. ft. Say, by 100 tons.

15. (a) Labour:

1 miner @ $1.25 per hr. 1 miner @ $1.25 per hr. 1 miner @ $1.25 per hr.	300.00/mo.	$ 1,414.00
(b) 1 supervisor - $100.00 per mo.		400.00
(c) cost of repairs to existing facilities - none		
(d) cost of new facilities - tool shed		100.00
(e) cost of new equipment - hoist house & accessories		80.00
(f) cost of rental for equipment - none		
(g) Freight, terms of operator's contract		
stevedoring and warehouse - $[illegible] per mo.		[illegible]
(h) cost of materials and supplies - $[illegible] per mo.		1,[illegible]
(i) cost of power - $[illegible] per mo.		[illegible]
	Total	$ 4,[illegible]



SKETCH of VICTORY #1 mica & beryl claim

H.L.Hoefert,box 244,Custer,S.D.

UNITED STATES
DEPARTMENT OF THE INTERIOR
OSCAR L. CHAPMAN, SECRETARY

REPORT OF EXAMINATION BY FIELD TEAM
REGION V

PRELIMINARY

Vienna No. 1 Prospective, Custer District

Custer County, South Dakota

Glen Walker, Mining Engineer
U. S. Bureau of Mines

J. E. Steele, Geologist
U. S. Geological Survey

July 1, 1948

[illegible] MINERAL INVESTIGATIONS
Report of Field Examination

by

[illegible] Walker, Mining Engineer
U. S. Bureau of Mines

E. E. Hunter, Geologist
U. S. Geological Survey

Project No. [illegible]
Properties: [illegible]
Applicant: [illegible]
Commodity: [illegible]

Conclusions and Recommendations

The project, as outlined by the applicant, is not feasible because the deposits are of insufficient size and uncertain character. Although physical and constructional difficulties to warrant further exploration were not observed.

Exhibit A

This is an irregular, branching quartz-sulfide, gilsonite-quartz-sulfide deposit quartz-antimony-gilsonite which. The deposit strikes N. 15° W., dips 60° to 70° northeast, the outcrop is 300 feet wide. The gilsonite is 300 feet long, 6 to 10 feet wide, and is exposed by a shaft or pit on the northeast side, 50 feet by 10 feet by an unknown depth, due to water. A second pit in the south branch of the deposit, 8 feet by 8 feet by 4 feet, is entirely in the gill zone and shows graphic gilsonite.

The gilsonite is mostly well here 8 to 6 feet thick. This zone contains stibnite (40 percent), quartz (40 percent), gilsonite (10 percent), barnesite (5 percent), and other minerals of secondary, bivalve and galena. The secondary is in small crystals and is very quality. The gill zone is walled by fine grained (1 to 6 inches). Is hard and dense.

The vein is one yard 5 feet by 50 feet and consists of quartz, pyrite, graphic tourmaline, and a little chlorite.

Although short adits and boxes have been reported, further workings have probably found in the shaft sink that caused the shaft through in the deposit near the center of the claim.

[illegible]

[illegible] OF THE [illegible]
[illegible] L. [illegible], [illegible]

REPORT OF INVESTIGATION BY FIELD TEAM
[illegible]

[illegible]

[illegible] Engineer, Senior Geologist

[illegible] Geologist, South Dakota

[illegible]

[illegible], Mining Engineer
U. S. Bureau of Mines

[illegible], Geologist
U. S. Geological Survey

July 2, 1948

[illegible] MINERALS ADMINISTRATION
Report of Field Inspection

by

[illegible] Mining Engineer
U. S. Bureau of Mines

[illegible] Geologist
U. S. Geological Survey

Inspection Date: [illegible] 1962
Inspection: Visual No. 1
Applicant: [illegible]
Commodity: Mica, beryl

Conclusions and Recommendations

The project, as outlined by the applicant, is not feasible because the deposit is of insufficient size and mineral character. Enough minerals in concentration sufficient to warrant further exploration were not observed.

Details

This is an irregular, trending pegmatite-quartz, albitic pegmatite in highly folded quartz-muscovite-albite schist. The deposit strikes N. 20° W., dips 45° to 60° southwest, the reverse to the dip slope. The pegmatite is 200 feet long, 5 to 10 feet thick, and is explored by a shaft or pit on the southwest side, 20 feet by 10 feet by an unknown depth, due to water. A second pit in the north branch of the deposit, 4 feet by 6 feet by 4 feet, is entirely in the wall zone and shows graphic granite.

The pegmatite is mostly wall zone 2 to 5 feet thick. This zone contains oligoclase (47 percent), quartz (40 percent), albite (10 percent), muscovite (5 percent), and minor amounts of tourmaline, biotite and garnet. The muscovite is in small crystals and is poor quality. The wall zone is underlain by fine graphic (1 to 4 inches). No beryl was found.

The core is one yard 3 feet by 18 inch and consists of quartz porphyry, graphic muscovite, and a little chlorite.

Although short veins and veigh have been imported, there seemingly they were probably found in the shaty and that around the shaft dump in dig of the deposits near the middle of the shaft.

FILE COPY
SURNAME:

Barr
McKnight for
Moon Rose

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

June 25, 1951

Docket mailed 6/27/51

Mr. H.L. Hoefert
P.O. Box 244
Custer, So.Dak.

Subject: DMA-1682X
Mica-Beryl

Dear Mr. Hoefert:

Your application has been referred to Mr. A.B. Needham, 29 8 Colfax Ave. So., Mpls, Minn., Executive Officer of the Field Team, Region 7, for further information.

Sincerely yours,

James Barr

Tom Lyon, Director
Supply Division

RW:mas

cc: Administrator's reading File
Mr. Strobel
Field Team
Mr. Barr
DMA Files

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

JUN 27 1951

Mr. A.B. Needham
2908 Colfax Ave. So.
Minneapolis 8, Minn.

Dear Sir:

We attach "Review of Application for Exploration Assistance" on:

Applicant ~~Mr. H.L. Hoefert, P.O. Box 244, Custer~~, So. Dak.

Docket No. ~~DMA-1682X~~

Commodity ~~Mica-Beryl~~

Amount $

Please expedite the consideration of this application with particular reference to the points raised in the attached "Review".

Very truly yours,

Tom Lyon, Chairman
Coordinating Committee

For Bureau of Mines

For Geological Survey

RW:mas

cc: Mr. Moon
Mr. Barr

G.E.C.

June 2, 1971

Mr. Dale Bonnett
[illegible] 2nd
Dexter, [illegible]

Subject: [illegible]-1[illegible]
Flow-Lor 1

Dear Mr. Bonnett:

Your application has been referred to Mr. A.F. Boodhan, [illegible] Office of the Field Team, [illegible] for further information.

Sincerely yours,

James Barr

Tom Lyon, Director
[illegible] Division

Attach

cc: Administrator's Reading File
Mr. Stroud
Field Team
Mr. Barr
EPA Files

FILE COPY
SURNAME:

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

June 21, 1951

Mr. H. L. Hoefert
P. O. Box 244
Custer, South Dakota

Subject: DMA-1682X
Re: Exploration Loan
Victory #1

My dear Mr. Hoefert:

Receipt is acknowledged of your application and attachments of May 28, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1682X and was referred to Mr. James A. Barr, Chief, Industrial Minerals Branch on June 14, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1682X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

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

file

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. DMA 1682 X

Commodity Mica-Beryl

Total Amount 5,504.28

Govt. Participation 90%

1. Name and Address of Applicant H. L. Hoefert, P.O. Box 244 Custer, S. Dak.

2. Location of Property 1½ miles E of Victory mine. NW¼ Sec. 16, T35, R5E, B.H.M.

3. Mineral or metal Mica Beryl Is it listed in Section 9 of MO-5? Yes

If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good Don't know - Needs field examination

b) Poor If statements are true, this may

c) None be a fairly good prospect

d) Don't know—needs field examination Yes J. M. Adler 6/21/51

e) Is there an alternative and favorable project? _____ (If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? Yes - owner (question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached? No —

Does the lease have sufficient time to run to cover a future productive period? —

*question numbers are those of MF-103

7. Are subordination agreements necessary? No

a) MF-201? —

b) MF-202 —

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower Yes

b) Equipment and supplies Yes
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Yes

d) Water (question 13)* Yes

e) Power (question 13)* Yes - use gasoline engines

Is a field check needed on any of these points? Yes

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* Yes - will need assistance on geology

Is a field check needed on this point? Yes

10. Exhibit A. (questions 21 and 22)*

a) Is the project adequately described? Yes

If not, are there sufficient data given so that you can describe the project? No If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? No

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? Yes

If not, what part of it is?

Is this part a worthwhile exploration project? —

d) Are the cost estimates detailed? No

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? No If so, attach a draft.

e) Are the cost estimates reasonable? None given

f) Should more information be requested from applicant? Yes - by field team

g) Is a field examination necessary to complete Exhibit A? Yes - to see if proposed exploration is the best available. JMR

11. Exhibit B (question 23-d)*

a) Is it applicable? Yes.

b) If so, are sufficient data furnished? No If so, attach a draft.

c) Is a field check needed? Yes - cost given appears low

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? Yes

b) Sufficient data? No If so, attach a draft.

c) Are rents and charges reasonable? appear to be low

d) Is a field check needed? Yes

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data? Yes

b) Is the schedule adequate for the work proposed? Yes

c) Is the schedule excessive for the work proposed? No

d) Are the proposed wages and salaries reasonable? Yes

e) Is a field check needed? Yes

14. Exhibit E (question 23-c)*

a) Is it applicable? No - no existing facilities

b) Sufficient data? —

c) Reasonable? —

d) Field check needed? —

15. In your judgment, can the proposed work be done in the proposed time? With competent work - Yes - (Better to say 5 mo. than 3 mo.)

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? Investigate the geological conditions & determine if the work proposed will properly explore the properties. Also determine the condition of the equipment offered & the proposed methods of work to be used

Reviewed by: J. Redden 6/2/57 U565

Francis M. Bundy

Date 6/22/57

97692

6/25/51

Doc No. DMA 1682 X

Section 10. Exhibit A.-

The project is not very well described as to the geologic conditions or the reasons for the work contemplated nor are the condition of the shaft or other working described. On the basis of the scanty information given the work appears to justify examination by the field team to determine the probability of a successful outcome of the project.

Section 11. Exhibit "B"

At least a tool shed & protective covering for the hoist should be built. The cost indicated appears low & probably should be doubled, to $200 ≈. This the field team should also investigate & decide.

Section 12. Exhibit "C"

The equipment of the applicant to be rented for the project should be inspected to ascertain if it can be used effectively. The purchase of only a hoist cable is justified but the price quoted is probably low. This question should be investigated by the field team to see if the proposed is adequate for the project & determine a proper expenditure for the items necessary

Section 13 Exhibit "D"

The labor force proposed appears adequate for the work to be done but may have to have one or two laborers added to it. The wages quoted are reasonable

6/25/51 DMA. 1682 X

Section 14. Exhibit E

With no existing facilities on the property, no repair or rehabilitation work will be required.

Section 16. Recommendations.—

The program submitted by this applicant is modest enough + has enough exploration value to be worthy of careful consideration. The field team should investigate the geological conditions in the immediate vicinity of the old shaft + the apparent value of the pegmatites to be tested by the work proposed to render an opinion on the application. The details of the work to be done, the equipment + men to be used should also be discussed with the applicant + the best means to be used to carry out the work in an efficient way.

MQ

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. DMA 1682 X

Commodity Mica-Beryl

Total Amount 5,504.28

Govt. Participation 50%

1. Name and Address of Applicant H. L. Hoefert, P.O. Box 244
Custer, S. Dak.

2. Location of Property 1½ miles E of Victory mine
NW¼ Sec. 16, T3S, R5E, B.H.M.

3. Mineral or metal Mica Beryl Is it listed in Section 9 of MO-5? Yes

If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good Don't know - Needs field examination

b) Poor If statements are true, this may

c) None be a fairly good prospect

d) Don't know—needs field examination Yes J. Weldon 6/21/51

e) Is there an alternative and favorable project? _____
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? Yes
(question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached? No

Does the lease have sufficient time to run to cover a future

productive period? ——

*question numbers are those of MF-103

7. Are subordination agreements necessary? No

a) MF-201? —

b) MF-202 —

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower [illegible]

b) Equipment and supplies [illegible]
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* [illegible]

d) Water (question 13)* [illegible]

e) Power (question 13)* [illegible]

Is a field check needed on any of these points? [illegible]

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* [illegible]

[illegible]

Is a field check needed on this point? [illegible]

10. Exhibit A. (questions 21 and 22)*

a) Is the project adequately described? Yes

If not, are there sufficient data given so that you can describe the project? [illegible] If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? No

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? Yes

If not, what part of it is?

Is this part a worthwhile exploration project? ——

d) Are the cost estimates detailed? N.

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? N. If so, attach a draft.

e) Are the cost estimates reasonable? [illegible]

f) Should more information be requested from applicant? [illegible]

g) Is a field examination necessary to complete Exhibit A? Yes - to see if proposed exploration is the best available. JMR

11. Exhibit B (question 23-d)*

a) Is it applicable? Yes

b) If so, are sufficient data furnished? N If so, attach a draft.

c) Is a field check needed? Yes - [illegible]

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? Yes

b) Sufficient data? No If so, attach a draft.

c) Are rents and charges reasonable? [illegible]

d) Is a field check needed? Yes

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data? Yes

b) Is the schedule adequate for the work proposed? Yes

c) Is the schedule excessive for the work proposed? No

d) Are the proposed wages and salaries reasonable? Yes

e) Is a field check needed? Yes

14. Exhibit E (question 23-c)*

a) Is it applicable? No - no coaling facilities

b) Sufficient data? —

c) Reasonable? —

d) Field check needed? —

15. In your judgment, can the proposed work be done in the proposed time? With completed work Yes - [illegible]

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? Investigate the geological conditions to determine if the work proposed will properly explore the coal. Also determine the condition of the equipment and the proposed method of work to be used

Reviewed by: JoRuthen 6/21/57 U.S.G.S.

[illegible]

Date 6/17/57

97692

6/25/51 Dock[illegible] DIA 1652 X

Section 10. Exhibit A.

The project is not very well described as to the geologic conditions or the reasons for the work contemplated nor are the conditions of the shaft or other working areas in the basis of the scanty information given the work appears to justify examination by the field team to determine the probability of a successful outcome of the project.

Section 11 Exhibit B

At least a tool shed & protection covering for the hoist should be built. The cost indicated appears low & probably should be doubled, to $1200 ≈. This the field team should also investigate & decide.

Section 12. Exhibit C

The equipment of the applicant to be devoted for the project should be inspected to ascertain that can be used effectively. The purchase of only a hoist cable is justified but the price quoted is probably low. This question should be investigated by the field team to see if the proposal is adequate for the project & determine a proper expenditure for the items necessary

Section 13 Exhibit D.

The labor force proposed appears adequate for the work to be done but may have to have one or two laborers added to it. The wages quoted are reasonable

6/25/51 DMA 1652 K

Section 14. Exhibit E

With no existing facilities on the property, no repair or rehabilitation work will be required.

Section 16. Recommendations —

The program submitted by this applicant is modest enough & has enough exploration value to be worthy of careful consideration. The field team should investigate the geological conditions in the immediate vicinity of the old shaft & the apparent value of the pegmatites to be tested by the work proposed to render an opinion on the application. The details of the work to be done, the equipment & men to be used should also be discussed with the applicant & the best means to be used to carry out the work in an efficient way.

BMR

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. DMA-1682X

Date received 6/13/51

Participation

H. L. Hoefert
P. O. Box 244
Custer, South Dakota

Name and address of applicant

Date

FILL IN THIS BLOCK

Date of application May 28, 1951

Estimated cost $5,504.28

Mineral or metal Mica and beryl

Percentage of Government participation 90%

Location of mine NW¼ sec. 16, T. 3 S., R. 5 E.

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

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

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

    NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.

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

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.

15. State in detail how the ore could be shipped and how and where milled.

*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

*17. Production:
    (*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.

19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?

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

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

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

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

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

---------- By W. L. Hoefert
(Name of company) (Signature of authorized official)

---------- ----------
(Date) (Title)

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

W. L. Shofert
Box 554
Custer, S. Dak.

1. Applicant is an individual
2. Not a partnership
3. Not a corporation
4. Employed three years at Hyslop mine as miner. Have worked from our pegmatite deposit on own account. Spent about a year contract drilling for others in pegmatite.
5. Applicant is the owner of the property.
6. There are no claims, liens, or other encumbrances against the property.
7. Answered in 5.
8. Own home of 14 acres with two dwellings, new Chevrolet Pickup, air compressor, hoist, blacksmith and other small tools. Have no outstanding debts.
9. Applicant is prepared to meet his 10% requirement of the proposed project.
10. (a) The Victory #1 unpatented claim is located in the NW¼ Sec. 16, T. 3 S., R. 5 E., B.H.M.
    (b) Location certificate A08598 on property is recorded in Custer County, S. D. records book 17, page 287, dated 9-48.
11. Claim has been named only Victory #1.
12. Beginning at property, through which county maintained gravel graded, go south 1/2 mile to junction with another county graveled road, turn right or southwest for 1½ miles to U. S. 16, turn right, or west, on paved road 2 miles to Custer, S. Dak., a rail point and feldspar mill. The roads are all-weather.
13. The use of water will be very limited; just that for cooling compressor and gasoline hoist engine. This water will be hauled 1 mile, from home. Gasoline for power will be delivered in barrels.
14. A small gasoline powered hoist is the only equipment now on property. It needs about 100 feet of 1/2" wire cable to be ready for operation.
15. Ore would be hauled by truck to Custer via roads described above in 12; here it would be sold directly to local buyers or shipped by rail to market.
16. (a) The applicant located the Victory #1 mica mining claim in Sept. 1945 and began sinking a shaft on one side of the deposit where a showing of good mica was encountered. This 12 x 12 x 10 foot shaft produced about 100 tons feldspar, 2 tons scrap mica, 100 lbs. beryl, and 164.22 lbs. #1 and #2 grade heat ruby sheet mica. Operations ceased in Sept. 1946 when price of sheet mica fell.
    (b) The Victory mine, about 1½ miles west of this property, was one of the largest sheet mica producers in the Black Hills.
    (c) No reports are available and to my knowledge no examinations have been conducted by mining engineers or geologists.
17. The mine is now idle and has been since Sept. 1946.
18. (a) This is a pegmatite deposit about 120 feet wide and 600 feet long. It strikes northwest and dips in various directions. There appears to be a mark of a zone along the side of the dike where most of the good mica and beryl are found.

[illegible]

[illegible]

[illegible]

E. L. Ehrhart
Box 244
Custer, S. Dak.

18. (b) A sketch showing the general relations of the deposit and workings to the claim boundaries is enclosed.
(c) Due to the nature of the deposit and the slight amount of work done it is difficult to give a reasonable figure as to the reserves of mica and beryl.

19. No conditions have been omitted.

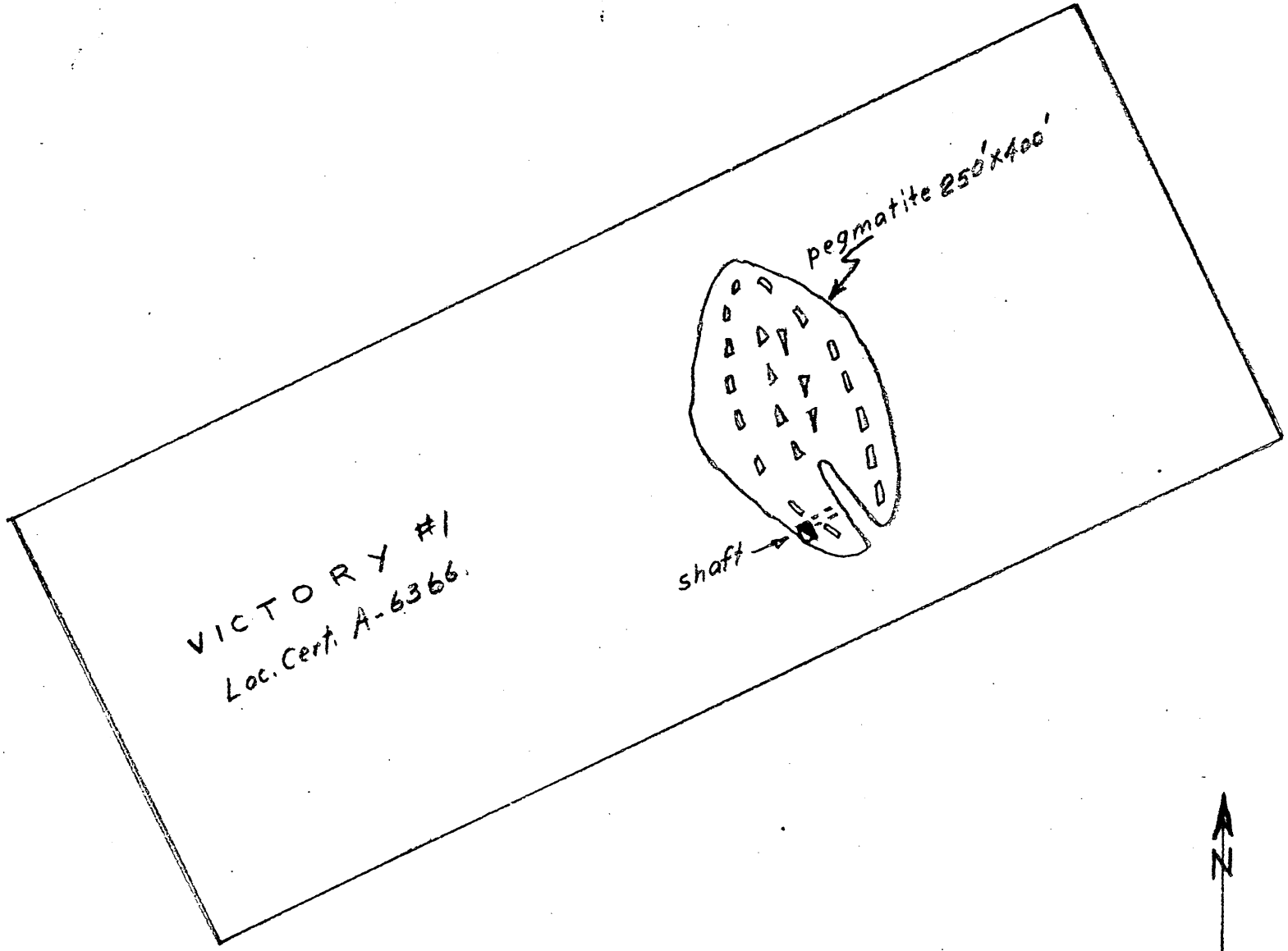
20. The exploration is to be conducted for mica and beryl in a granitic pegmatite deposit.

21. It is proposed to timber the present shaft, then to deepen it 60 feet, but to cut the cross-section size to about 5 x 8 feet. From shaft bottom intend to drive 5 x 7 crosscut about 35 feet into dike. This work should be completed in approximately 3 months.

22. Aside the only basis for the belief that mica and beryl will be found in commercial quantities is past experience. As stated in 18 (a) products valued at approximately $1,400 have been sold from the excavation which was about 1,000 cu. ft., or 150 tons.

23. (a) Labor:

1 helper @ $1.25 per hr. 1 miner @ $1.25 per hr. 1 worker @ $1.25 per hr.	904.76/mo.	$ 2,414.28
(b) 1 supervisor - $150.00 per mo.		540.00
(c) cost of repairs to existing facilities - none		
(d) cost of new facilities - tool shed		100.00
(e) cost of new equipment - hoist cable & accessories		50.00
(f) cost of rental for equipment - none		
(g) rental value of operator's equipment: compressor and jackhammer - $300 per mo.		600.00
(h) cost of material and supplies - $800 per mo.		1,800.00
(i) cost of power - $100 per mo.		300.00
	Total	$ 5,804.28



SKETCH of VICTORY #1 mica & beryl claim

H.L.Hoefert,box 244,Custer,S.D.

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. DMA-1682X

Date received 6/13/51

Participation

H. L. Hoefert
P. O. Box 244
Custer, South Dakota

Name and address of applicant

Date

FILL IN THIS BLOCK

Date of application May 28, 1951

Estimated cost $5,504.28

Mineral or metal Mica and beryl

Percentage of Government participation 90%

Location of mine NW¼ sec. 16, T. 3 S., R. 5 E.

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

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

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

    NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.
*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.
*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.
*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.
15. State in detail how the ore could be shipped and how and where milled.
*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.
*17. Production:
    (*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.
19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?
21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.
22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.
24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

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

---------- (Name of company)

By N. L. Hoefert (Signature of authorized official)

---------- (Date)

---------- (Title)

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

H. L. Ehefort
Box 344
Custer, S. Dak.

1. Applicant is an individual
2. Not a partnership
3. Not a corporation
4. Employed three years at Hyslop mine as miner. Have worked from pegmatite deposit on own account. Spent about a year contract drilling for others in pegmatites.
5. Applicant is the owner of the property.
6. There are no claims, liens, or other encumbrances against the property.
7. Answered in 5.
8. Own home of 14 acres with two dwellings, one Chevrolet Pickup, air compressor, hoist, blacksmith and other small tools. Have no outstanding debts.
9. Applicant is prepared to meet his 10% requirement of the proposed project.
10. (a) The Victory #1 unpatented claim is located in the NW¼ sec. 18, T. 2 S., R. 5 E., B.H.M.
    (b) Location Certificate A-2365 on property is recorded in Custer County, S. D. records book 17, page 327, dated 9-48.
11. Claim has been named only Victory #1.
12. Beginning at property, through which county maintained gravel patrol, go south 1/2 mile to junction with another county graveled road, turn right or southwest for 1½ miles to T. 6, 16, turn right, or west, on paved road 3 miles to Custer, S. Dak., a rail point and feldspar mill. The roads are all-weather.
13. The use of water will be very limited; just that for cooling compressor and gasoline hoist engine. This water will be hauled 1 mile, from home. Gasoline for power will be delivered in barrels.
14. A small gasoline powered hoist is the only equipment now on property. It needs about 100 feet of 1/2" wire cable to be ready for operation.
15. Ore would be hauled by truck to Custer via route described above in 12; here it would be sold directly to local buyers or shipped by rail to market.
16. (a) The applicant located the Victory #1 mica mining claim in Sept. 1945 and began sinking a shaft on one side of the deposit where a showing of good mica was encountered. This 18 x 18 x 10 feet shaft produced about 100 tons feldspar, 2 tons scrap mica, 100 lbs. beryl, and 184.62 lbs. #1 and #2 grade hand ruby sheet mica. Operations ceased in Sept. 1946 when price of sheet mica fell.
    (b) The Victory mine, about 1½ miles west of this property, was one of the largest sheet mica producers in the Black Hills.
    (c) No reports are available and to my knowledge no examinations have been conducted by mining engineers or geologists.
17. The mine is now idle and has been since Sept. 1946.
18. (a) This is a pegmatite deposit about 250 feet wide and 400 feet long. It strikes northwest and dips in various directions. There appears to be a part of a zone along the side of the dike where most of the good mica and beryl are found.

[illegible]

E. L. Hoffert
Box 244
Custer, S. Dak.

18. (b) A sketch showing the general relations of the deposit and workings to the claim boundaries is enclosed.
(c) Due to the nature of the deposit and the slight amount of work done it is difficult to give a reasonable figure as to the reserves of mica and beryl.

19. No conditions have been omitted.

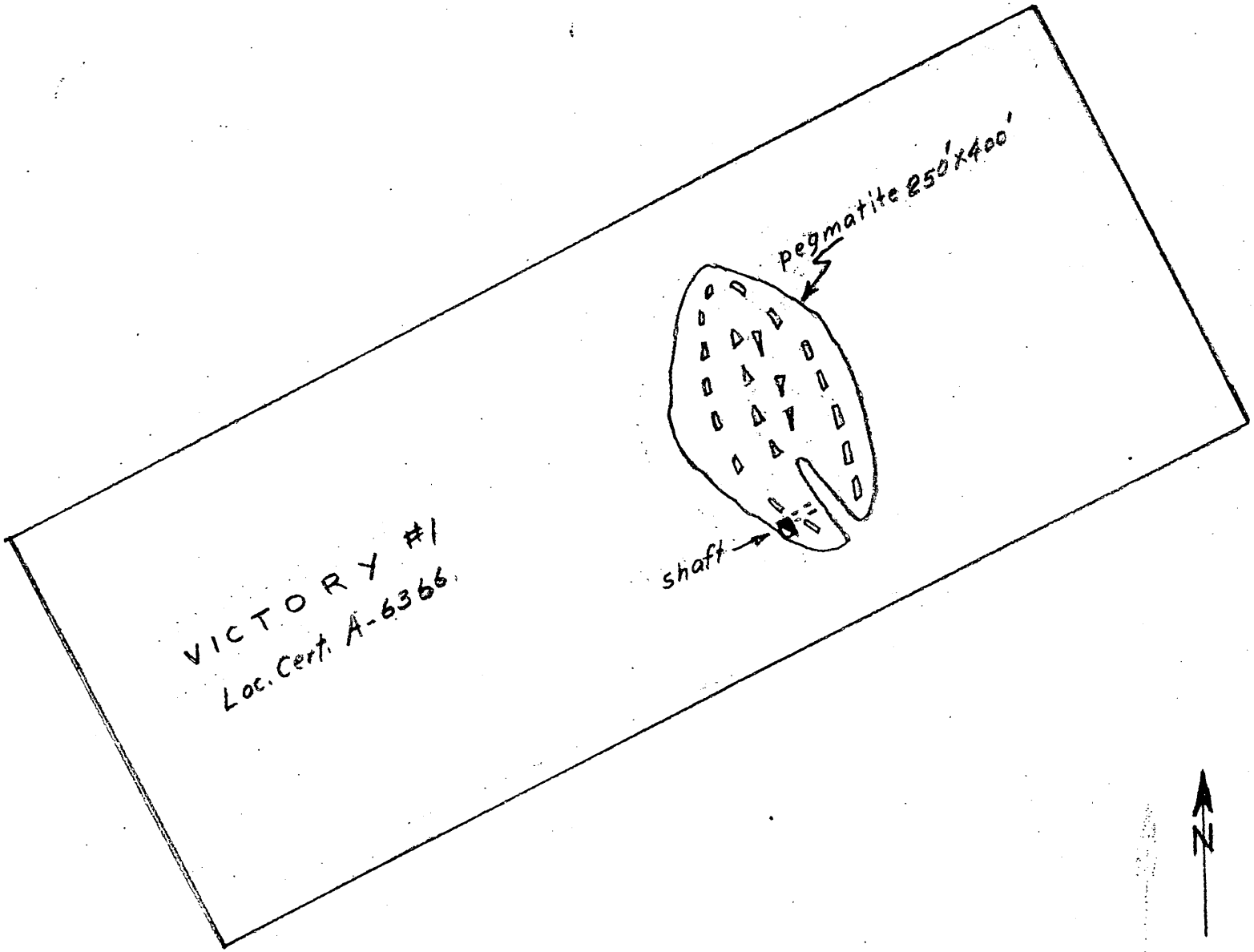
20. The exploration is to be conducted for mica and beryl in a granitic pegmatite deposit.

21. It is proposed to timber the present shaft, then be deepen it 50 feet, but to cut the cross-section size to about 5 x 8 feet. From shaft bottom intend to drive 5 x 7 crosscut about 25 feet into dike. This work should be completed in approximately 3 months.

22. About the only basis for the belief that mica and beryl will be found in commercial quantities is past experience. As stated in 18 (a) products valued at approximately $1,400 have been sold from the excavation which was about 1,420 cu. ft., or 180 tons.

23. (a) Labor:

1 hoistman @ $1.25 per hr. 1 miner @ $1.05 per hr. 1 mucker @ $1.15 per hr.	304.76/mo.	$ 2,414.28
(b) 1 superintendent - $150.00 per mo.		240.00
(c) cost of repairs to existing facilities - none		
(d) cost of new facilities - tool shed		100.00
(e) cost of new equipment - hoist cable & accessories		80.00
(f) cost of rental for equipment - none		
(g) rental value of operator's equipment:		
compressor and jackhammer - $200 per mo.		600.00
(h) cost of material and supplies - $600 per mo.		1,800.00
(i) cost of power - $100 per mo.		300.00
	Total	$ 5,534.28



SKETCH of VICTORY #1 mica & beryl claim

H.L.Hoefert,box 244,Custer,S.D.