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

224 New Customhouse
Denver 2, Colorado

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 6 1953

March 3, 1953.

Mr. W. J. Gramlich, Sr.
Gramlich Minerals, Inc.
Moab, Utah

Re: DMEA Docket 2901

Dear Mr. Gramlich:

A review of your application for exploration aid in the amount of $16,720.00 on the Slick Rock and Evening Star claims shows that your proposed work could not possibly be classed as exploration.

Please refer to Section 2 of DMEA Order-1, copy of which is attached, in which "Exploration Project" is defined and it is further stated, "The work shall not go beyond a reasonable delineation and sampling of the ore, and shall not include work prosecuted primarily for mining or preparation for mining".

The map submitted with your application indicates that your proposal is based on mining or preparation for mining in that you propose to drift 760 feet in an area which has already been thoroughly explored by 21 drill holes, only two of which did not show commercial ore or high grade ore.

Under these circumstances, we regret to advise you that your application for exploration aid is denied.

Very truly yours,

W. H. King
W. H. King
Field Team, Region IV

A. H. Koschmann
A. H. Koschmann
Field Team, Region IV

Enclosure

HMC:cwm
cc: Sheldon P. Wimpfen, AEC, Grand Junction, Colo.
Administrator (DMEA)
SHWilson
Subject
Chron.
Koschmann (2)

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 24 1953

224 New Customhouse
Denver 2, Colorado

February 20, 1953.

Memorandum

To: Administrator, Defense Minerals Exploration Administration
Attention: 200

From: Executive Officer, Field Team, Region IV

Subject: Docketing for Exploration Assistance

Enclosed herewith in duplicate is DMA Form 3a and Form MF-103 in duplicate and supporting data pertaining to the following applications for Government assistance in exploration work:

Richard Vopat and others (a partnership)
601 Court St.
Scott City, Kansas — dmea 2897

E. F. Hintze, Ph.D.
504 Beason Bldg.
Salt Lake City 1, Utah — dmea 2898

K. W. Kramer
Box 483
Salida, Colorado

and

C. L. Johnson
1404 Hudson
Denver, Colorado — dmea 2899

Tuffy Nunn and Finley Dunagan
Box 665
Deming, New Mexico — dmea 2900

Gramlich Minerals, Inc.
Moab
Utah — dmea 2901

W. H. King

Enclosures

W. H. King

dmea 2901

GRAMLICH MINERALS, INC.

Application for D.M.E.A. Loan

of $16,720 for an

Exploration and Development Project

for

Carnotite (U_3O_8)

La Sal Creek Property

Montrose County, Colorado

1953

dmea 2907

Moab, Utah
February 12, 1953

Mr. W.H. King
Executive Officer
224 New Customhouse Building
Denver 2, Colorado

Subject: Application by Gramlich Minerals, Inc. for a D.M.E.A. loan

Dear Mr. King:

The enclosed application in quadruplicate is for a DMEA loan of $16,720 for a proposed exploration and development program of the La Sal Creek properties, in Montrose County, Colorado.

These two unpatented claims are held by Gramlich Minerals, Inc., owners. There are no conflicts of any sort on this ground. Maps showing location of claims and geology are attached to each of the four application forms.

We feel that the factors considered in passing upon applications are in each instance favorable for this property:

(a) The strategic importance of the mineral involved -- Carnotite (U_3O_8).

(b) As brought out in the application, the geologic probabilities are very good.

(c) The availability of manpower, materials, supplies, equipment and water are excellent.

(d) The applicants have all been successfully engaged in uranium-vanadium mining for a long period of time.

We trust that all information required is attached and if further data is needed, it will be promptly submitted, if available. If so desired, we will be glad to assist your examining engineers and geologists upon their inspection trips.

Very truly yours,

W.J. Gramlich Sr.

W.J. Gramlich, Sr., President
For: Gramlich Minerals, Inc.

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

RECEIVED
FEB 24 1953

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 2901
Metal or Mineral
Date Received 2-24-53
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: Gramlich Minerals, Inc., Moab, Utah, Incorporated in Utah, Colorado and Arizona { W.J. Gramlich, Sr., President, Moab, Utah
Directors: { W.J. Gramlich, Jr., V. Pres., Paradox, Colorado
{ Philip J. Gramlich, Secy-Treas., Greenriver, Utah

(*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 reference to attached map.
Claims are in the NE ¼ of Sec. 11, T.47 N., R. 20 W., N.M.P.M.
La Sal Creek, Montrose Co., Colorado - claims listed on page 1

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

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

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

(*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. see page 1

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. page 1

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades. page 1

(*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. page 1

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points. page 1

(*e*) State the availability of manpower, materials, supplies, equipment, water, and power. page 1

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

(*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. page 2

(*c*) The work will start within 30 days and be completed within 6 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 2

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: page 3

(*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.). None

(*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. page 3

(*c*) *Operating materials and supplies.*—Furnish an itemized list, including items of equipment costing less than $50 each, and power, water and fuel. Not applicable

(*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. Not applicable

(*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. Not applicable

(*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. Not applicable

(*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. page 3

(*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. page 3

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

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

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

Explain in detail on acompanying paper. page 3

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 February 12, 1953

GRAMLICH MINERALS, INC.
(Applicant)

By W.J. Gramlich, Sr., President

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

MF-103

3. Applicant's property rights.

(f) Claims	Location Book	Location Page	Amended Location Book	Amended Location Page
Slick Rock	201	440	213	275
Evening Star	201	435	213	270

recorded in Montrose County, Colorado.

4. Physical description.

(a) There are no operations at the present time. Some 500 ft. of drifts and tunnels have been opened, from which 2500 tons of ore was recovered. Also some 3000 ft. of wagon drilling has been done. Location and extent of workings are shown on map.

(b) Production from April 6, 1951, to December 5, 1952: 2,561 tons -- average content .24% U_3O_8.

(c) The ore occurrences are found in the Salt Wash member of the Morrison formation of Jurassic Age. The deposits are bedded and irregular in shape and size. The minerals of commercial value are Carnotite (U_3O_8) and Vanadium (V_2O_5).

The ore bodies occur in rolls and lenses with a common orientation. Wagon drilling beyond the deposits already worked out have proven the existence of other ore bodies. There are several operating properties joining this property.

(d) The property is approximately 60 miles southeast of Moab, and 2 miles north of Colorado Highway 90. Access roads connect the property with the main highway.

The ore will be trucked to Thompson, Utah, 98 miles, or Monticello, Utah, 70 miles.

All necessary mining supplies are available in Moab, a distance of 23 miles, and Monticello, Utah.

(e) Ample manpower is available in Moab, Monticello, and the Colorado Plateau in general. All materials, supplies, and necessary equipment can be obtained in Moab and Monticello, Utah, and Grand Junction, Colorado.

More than sufficient water is available. There is no electrical power available.

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MF-103

5. Exploration project.

(b) Wagon drilling by the U.S. Geological Survey in September 1952 has shown evidence of ore bodies beyond the present working. It is deemed advisable to extend exploration tunnels from the two old workings along the lines of the drill holes to ascertain the extent of the ore bodies. See map.

(d) Operating experience.

W.J. Gramlich, Sr. President, Gramlich Minerals, Inc.

1916 through 1919. Worked for Standard Chemical Co. as shipping clerk, shift boss, ore sorter, and in charge of ore sorting. Worked for Radium Co. of Colo., as surveyor's helper, uranium ore sorter, assistant to accountant.
Owned claims and mined and shipped high grade uranium ores during radium days.

1940 to 1945. Owned and operated Lion Group of claims on La Salle Creek, Colorado, producing over 4,000 tons of ore averaging 1.96% V_2O_5 and 0.30% U_3O_8.

1943 to 1950. Operated own property near Greenriver, Utah, producing over 3,000 tons of ore averaging 0.25% U_3O_8 for AEC procurement.

1950 to present. Reopened Lion Group property and produced over 3,000 tons of 0.24 U_3O_8 ore. Presently active at Lion Group and at Greenriver, Utah.

W.J. Gramlich, Jr., Vice President of Gramlich Minerals, Inc.

1940 through 1941. Worked for his father at Lion Group property in all phases of the operation: mining, mucking, tramming, shifting, supervising, and clerical.

1942. Left the operation to enter the U.S. Air Corps, returning to Lion Group operation in 1950 as mine-foreman, a position he now holds.

Philip F. Gramlich, Secretary-Treas. of Gramlich Minerals, Inc.

For the past five years worked for and with his father W.J. Gramlich, Sr., in all phases of mining, exploration, and production or uranium and vanadium ores at the Greenriver, Utah operation mentioned above. At the present time, he is employed as miner and mine-foreman at the Greenriver property.

W.J. Gramlich, Sr. will supervise the proposed exploration and development program on La Sal Creek property.

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MF-103

6. Estimate of costs.

Exploration and development loan:

760 ft. 5'x7' tunnel @ $22.00 per ft.
Total loan - $16,720.00

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760 ft. 5'x 7' tunnel @ $16.00 per ft.	$12,160.00
Engineer: 6 months @ $400. per month	2,400.00
Field Superintendent: 6 months	1,260.00
Office supervision: 6 months @ $150. per month	900.00
Total -	$16,720.00

7. Payment of costs.

(a) I am prepared to furnish my share of the cost of the proposed project in accordance with the regulations on Government participation (Sec. 7 DMEA No. 1)

(b) I propose to pay all costs incidental to the proposed project by cash. At the end of each full calendar month, I will submit to the DMEA field office a voucher (Form MF-104 and MF-104A), for payment. This will include a detailed statement of all work done and all allowable costs. It is understood that upon approval the Government will pay me its agreed-upon proportion of the allowable costs incurred.

Form 6-30
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Knoxville, Tennessee

OFFICIAL BUSINESS

16—47319-2

PENALTY FOR PRIVATE USE TO AVOID
PAYMENT OF POSTAGE, $300
(GPO)

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Mr. George C. Selfridge, Chairman
Operating Committee, D M E A
Dept. of the Interior
Washington 25, D. C.