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

August 7, 1952

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-2601, Mica, Kell Mine, Macon County
North Carolina

I concur in the field team's recommendation to deny subject application on the basis that evidence does not indicate possibility of a worthwhile mica deposit.

W. F. Dietrich

600

AUG 7 1952

Mr. Mance L. Kell
Route 1
Franklin, North Carolina

Subject: Docket No. DMEA-2601 - Mica
Kell Mica Mine
Macon County, North Carolina

Dear Mr. Kell:

Your application for exploration assistance, dated June 26, 1952, Docket No. DMEA-2601, has been carefully reviewed by this office.

Our Field Team examination indicates that the property offers insufficient promise for the development of strategic mica, in amounts and quality, such as to warrant a Government exploration project.

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

Sincerely yours,

C. O. Mittendorf

Acting Administrator
Defense Minerals Exploration
Administration

JTRobertson:gad 8/6/52

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

August 6, 1952

Memorandum

To: Chairman, Operating Committee, DMEA

From: Non-Metallic Minerals Division, DMEA

Subject: Docket No. DMEA-2601 - Mica
Kell Mica Mine
Macon County, North Carolina

Re: A recommendation of a denial of application

This is a case in which representations made in support of the application were not substantiated upon examination of the mine by the Field Team.

The recommendation for a denial contained in the Field Team report seems justified, and the Non-Metallic Minerals Division concurs in the recommendation.

Jasper T. Robertson
Non-Metallic Minerals Division
Defense Minerals Exploration
Administration

JTRobertson:gad 8/6/52

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

August 6, 1952

Memorandum

To: Acting Administrator, DMEA

From: Non-Metallic Minerals Division

Subject: Review of Docket No. DMEA-2601 - Mica
(Recommended for denial 8/6/52)
Contract - None
Property - Kell Mica Mine (a leased property)
Macon County, North Carolina
Applicant - Meade L. Kell
Route 1, Franklin, North Carolina

6/26/52 - Date of application.
7/2/52 - Date application received.
7/3/52 - Referred to Non-Metallic Minerals Division.
7/10/52 - Referred to Field Team, Region VII for field examination.
7/14/52 - Mine examined by Field Team (K. H. Teague, USGS, and A. L. Peyton, USBM)
7/31/52 - Field Team Report Received.
8/6/52 - Referred to DMEA Operating Committee, and a denial of application recommended.

Jasper T. Robertson
Non-Metallic Minerals Division
Defense Minerals Exploration Administration

JTRobertson:gad 8/6/52

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

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

July 15, 1952

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Ceramic and Fertilizer Materials Branch

Subject: DMEA-2601, Meade L. Keil
Franklin, North Carolina

On the basis of the applicant's description of the deposit, a field team investigation is recommended. The applicant states limited exploration reveals ruby mica associated with flint and spar. General location within proximity of past productive mines supports possibility of obtaining usable sheet mica.

W. F. Dietrich

600

JUL 1 0 1952

Mr. Robert A. Laurence
Executive Officer, DMEA
Field Team, Region VII
Room 13, Post Office Building
Knoxville 01, Tennessee

Subject: Docket No. DMEA-2601 - Miss
Kell Mica Mine
Macon County, North Carolina

Dear Mr. Laurence:

This office requests a Field Team examination of the subject mine.

We have no extra information on this property beyond that to be found in your file copy of the application.

You will note that the sketch map accompanying the application is vague and without dimensions of any kind. When the report is submitted, please include a sketch map which will more clearly define and locate the work and area involved in the project.

Sincerely yours,

(signed) FRANK E. JOHNSON

Chairman, Operating Committee
Defense Minerals Exploration
Administration

Approved:

J. H. Hedges

Member, Bureau of Mines

T. P. Thayer

Member, Geological Survey

JTRobertson:gad 7/8/52

Copy to: Admin. Reading File
Docket File
Operating Committee (2)
Mr. Dietrich, 3526
Mr. Norton, G-232 GSA Bldg.
Mr. Houk

600

JUL 1 0 1952

Mr. Meade L. Kell
Route 1
Franklin, North Carolina

Subject: Docket No. DMEA-2601 - Mica
Kell Mica Mine
Macon County, North Carolina

Dear Mr. Kell:

Your application is being referred to Mr. Robert A. Lawrence, Executive Officer, DMEA Field Team, Region VII, Room 13, Post Office Building, Knoxville 01, Tennessee, for further information.

Sincerely yours,

D. C. Mittendorf

Acting Administrator
Defense Minerals Exploration
Administration

JTRobertson:gad 7/8/52

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

IN REPLY REFER TO:

CNM

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

July 7, 1952

Memorandum

REVIEW OF APPLICATION DMEA-2601 (Mica)

To: L. G. Houk, Defense Minerals Exploration Administration
From: P. L. Weis, U. S. Geological Survey
Applicant: Meade L. Kell
Name of property: Kell Mica Mine
Location of property: Macon County, North Carolina
Estimated cost of project: $2,165.
Summary of applicant's proposal:
1) Bulldoze a trench 75 feet long, 25 feet wide and 25 feet deep.
2) Dig four test pits.
Sources of information on applicant's property: None.
Comments: This is apparently a newly developed property.
RECOMMENDATION: Refer to field team for examination.

Paul L. Weis

Weis:jeh
G-7/7/52
cc: Director's reading file 4212
Branch " " "
DMEA
Weis USGS G-228
Norton " G-230

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

APPLICATION FOR AID IN AN EXPLORATION PROJECT, PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

Not to be filled in by applicant

Docket No. DMEA-2601
Metal or Mineral
Date Received 7-2-52
Estimated Cost
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address:

MEADE L. KELL
ROUTE 1
FRANKLIN, N.C.

(*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 BEING the lands conveyed by deed from Milford Kell, et al, to Horace Chamblee, et al, and recorded in the office of the Register of Deeds for Macon County, N.C., on 26th of February 1949, in book Y-5, at page 536 (all to be included in contract)

(*b*) State any mine name by which the property is known. KELL MICA MINE (not previously named)

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

(*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. Copy of lease attached, with Owner's Consent to Lien.

(*e*) If you own the land, describe any liens or encumbrances on it

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

4. *Physical description.*—(*a*) Describe in detail any mining or exploration operations which have been or now are being conducted upon the land, including existing mine workings and production facilities. State your interest, if any, in such operations. Also describe accessibility of mine workings for examination purposes.

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

(*c*) Describe the geologic features of the property, including mineralization, type of deposit (vein, bedded, etc.), and your reasons for wishing to explore. Illustrate with maps or sketches. Send with your application (but not necessarily as a part of it) any geologic or engineering report, assay maps, or other technologic information you may have, indicating on each whether you require its return to you.

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

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

Department of the Interior
Defense Minerals Administration
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5. *The exploration project.*—(*a*) State the mineral or minerals for which you wish to explore STRATEGIC RUBY MICA

(*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. upon signing of contract

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

(*d*) State the operating experience and background of the applicant with relation to the ability to carry out such exploration project, and also that of the person or persons who will supervise the operations.

6. *Estimate of costs.*—Furnish a detailed estimate of the costs of the proposed work (you will have to use a separate sheet), under the following headings. Add the totals under all headings to give the estimated total cost of the project:

(*a*) *Independent contracts.*—(Note.—If the applicant does not intend to let any of the work to contractors, write "none" after this item. To the extent that the work is to be contracted, do not repeat the cost of the contract-work in subsequent items.) State the cost of any proposed independent contracts for the performance of all or any part of the work, expressed in terms of units of work (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved, etc.).

(*b*) *Labor, supervision, consultants.*—Include an itemized schedule of numbers, classes and rates of wages, salaries or fees for necessary labor, supervision and engineering and geological consultants.

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

(*d*) *Operating equipment.*—Furnish an itemized list of any operating equipment to be rented, purchased, or which is owned and will be furnished by the Operator, with the estimated rental, purchase price, or suggested use-allowance based on present value, as the case may be.

(*e*) *Rehabilitation and repairs.*—Furnish a detailed list showing the cost of any necessary initial rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and which will be devoted to the exploration project.

(*f*) *New buildings, improvements, installations.*—Furnish a detailed list showing the cost of any necessary buildings, fixed improvements, or installations to be purchased, installed or constructed for the benefit of the exploration project.

(*g*) *Miscellaneous.*—Furnish a detailed list showing the cost of repairs to and maintenance of operating equipment (not including initial rehabilitation or repairs of the Operator's equipment), analytical work, accounting, workmen's compensation and employers' liability insurance, and payroll taxes.

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

NOTE.—No items of general overhead, corporate management, interest, taxes (other than payroll and sales taxes), or any other indirect costs, or work performed or costs incurred before the date of the contract, should be included in the estimate of costs.

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

(*b*) How do you propose to furnish your share of the costs? 10% in cash or from services as Working Foreman

☐ Money ☐ Use of equipment owned by you ☐ Other

Explain in detail on acompanying paper.

CERTIFICATION

The undersigned, whether as an individual, corporate officer, partner, or otherwise, both in his own behalf and acting for the applicant, certifies that the information set forth in this form and accompanying papers is correct and complete, to the best of his knowledge and belief.

Dated June 26th, 1952

Meade L. Kell
(Applicant)

By .....

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

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

4. (a) Ten to fifteen years ago a cut was made - 50 feet long, 15 feet wide and
(b) 10 feet deep - and a shaft was dug 20 feet deep into the pegmatite. Con-
(c) siderable mica was taken out which was considered to be of strategic
(d) quality. Because of economic reasons the operation did not continue.
(e)

Applicant started work about six weeks ago to locate the vein. A cut has been dug about 7 feet deep, exposing a pegmatite from 4 feet to ± 5 feet which is made up of flint, spar and mica. Numerous blocks have been recovered which should sheet into grades of 5, 5½ and 6. It is considered that the blocks will increase in size at greater depth and they are already getting larger. The mica is RUBY, clear, hard and flat. The property lies in an area through which the Franklin mica belt passes, and not too far from past producing mines such as the Kiser (Mudhole), Baird Cove, Pell Miller, etc. The above conditions cause Applicant to believe that exploration will establish the presence of commercial ore bodies. Sketches connected with this property are attached.

State and County roads reach the property, 10 miles northwest of Franklin, Macon County, N. C., shipping and supply points.

Manpower for the project is available, as well as supplies and equipment; Sufficient water is on the land and power is not required.

5. (b) Proposed work will consist of bulldozing (75 feet long, 25 feet wide and 25 feet deep) to clear old workings, followed by 4 test pits and possibly drifts from same into the pegmatite. This will expose the full pegmatite and locate the mica vein for continued operation.

(d) Applicant has farmed in this area for a great many years and has combined that work with prospecting and mining, to the extent that he is capable of supervising this work. He will also employ miners of experience.

6.

(a) Rental of Dozer, 50 hours @ $10.00 per hr.		$ 500.00
(b) Working Foreman, 30 days @ $ $12.00 per day	$360.00	
3 Miners $8.00 per day each, 30 days	720.00	1080.00
(c) Misc. hand tools; picks, shovels, wheelbarrow, etc.	100.00	
Powder, exploders, fuses, etc.	100.00	
Gasoline & Oil	150.00	350.00
(d) Rental, Sump Pump, 30 days	60.00	
Rental, Air Compressor & Hammer; 30 days	175.00	235.00
TOTAL COST OF PROJECT		$ 2,165.00

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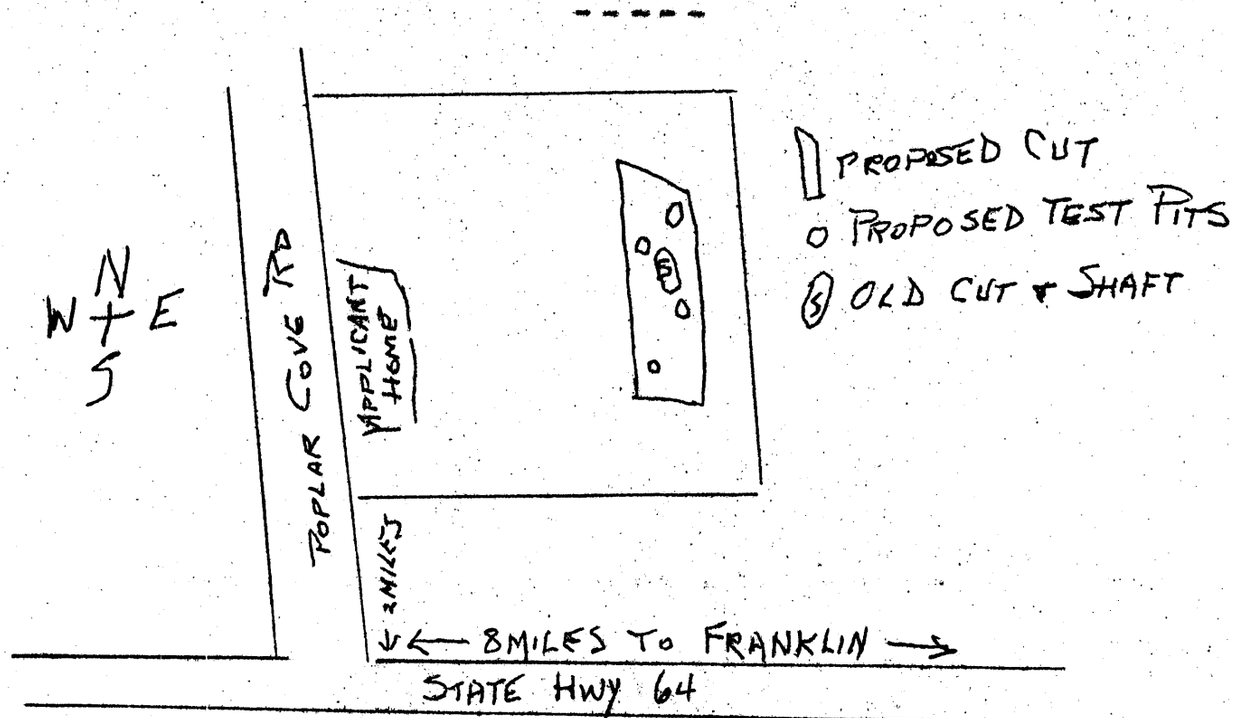

NORTH CAROLINA
MACON COUNTY

THIS LEASE AGREEMENT, made and entered into this 27th day of June, 1952, by and between HORACE CHAMBLEE and wife FONSBA CHAMBLEE of Macon County, North Carolina, parties of the first part, hereinafter referred to as LESSORS, and MEADE L. KELL of Macon County, North Carolina, party of the second part, hereinafter referred to as LESSEE,

WITNESSETH: That subject to the terms and conditions hereinafter set forth, said Lessors have let and leased unto said Lessee, his heirs and assigns the exclusive right and privilege to mine, dig and remove all minerals now in, under and upon a certain tract or parcel of land lying and being in Macon County, North Carolina, consisting of 24 acres, more or less, described as follows:

> BEING Deed from Milford Kell et al, to Horace Chamblee et al, recorded in the Office of the Register of Deeds for Macon County, North Carolina, in Book Y, at page 536.

THE TERMS AND CONDITIONS OF THIS LEASE ARE AS FOLLOWS:

1. Unless sooner terminated as herein provided, this lease shall exist and continue for a term of five years from date hereof; however, it is mutually agreed, upon compliance with its terms and conditions, same shall be extended from year to year thereafter.

2. As rental or royalty Lessee, his heirs and assigns, shall pay to Lessors a sum equal to twelve and one-half (12½%) percent of the selling price of sheet and block mica, One Dollar ($1.00) per ton on scrap mica and the usual royalty on all other minerals mined and sold from said property. Said royalties shall be paid on or before the 20th day of each calendar month following the production, sale and receipt of the sale price thereof. The said Lessee shall keep and make available to said Lessors an accurate record of all sales of minerals from this property.

3. Upon failure to pay any royalties as herein set forth when same shall become due and payable, this lease shall become null and void and all rights of the Lessee shall thereupon cease and terminate; however, Lessors agree that written notice shall be given to Lessee who shall have thirty (30) days from the date of such written notice within which to remedy any non-payment of royalties or any other cause of forfeiture of this lease.

4. Lessors covenant and agree that they possess, in fee simple, the mineral rights and mining privilege herein described.

5. In the event Lessee applies for Government aid, or a loan to explore or operate this property, Lessors hereby authorize Meade L. Kell, as Attorney in Fact, to sign any subordination agreement, Owner's consent to Lien, or other required agreements, in the name and stead of said Lessors, in connection with same.

So long as this lease remains in force the Lessee, his heirs and assigns, in connection with same, shall have and enjoy the following rights and privileges:

> The right to reasonable use of said lands as may be necessary or convenient in mining and removing the minerals from same and to such use of the surface as may be required for the purpose of dumping mine refuse and tailings; the right to construct and place buildings and machinery upon said lands and remove same; the right to use any water and to cut and use any timber on said lands for mining purposes; the right to construct and maintain roads, trails and railways to such portions of the property where mining operations are in progress or to be conducted; the complete right of ingress, egress and regress to and from said lands and the full right to do all things necessary or convenient in the conduct of said mining operations.

IN WITNESS WHEREOF, the parties hereto have hereunto set their hands and seals the day and year first above written.

s/ Horace Chamblee (SEAL)

s/ Fonsba Chamblee (SEAL)

s/ Meade L. Kell (SEAL)