DOCKET FILE
Surname:

Houk
Kiilsgaard
Gerhen
Selfridge
Johnson

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

DEC 27 1955

Messrs. Horace Baker and
Howard McKinney
Route 1
Bakersville, North Carolina

Re: Docket No. DMEA-4040 - Mica
Horace Baker and Howard McKinney
Baker property
Mitchell County, North Carolina

Gentlemen:

Your application for aid for an exploration project and other reports available to us in Washington relating to the subject property have been reviewed.

Projects approved by the Defense Minerals Exploration Administration must, in its judgment, show definite promise of yielding materials of acceptable grade in quantities that will significantly improve the mineral supply position for the National Defense Program.

Careful study of all our information indicates to us that the probability of disclosing significant reserves of mica is not sufficiently promising to justify Government participation. We regret to advise you, under these circumstances, that your application is denied.

We wish to thank you for your interest in the Defense Minerals Program and for bringing your property to our attention.

Sincerely yours,

C. O. Rittenhouse

Administrator

JHopkins:ad 12/21/55
Copy to: Admr. R. File
Docket
Operating Committee
Field Team, Region V
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk
Mr. Hopkins

R.C.K.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C. 600

December 21, 1955

Memorandum

To: Administrator

From: Nonmetallic Minerals Division

Subject: A denial of exploration assistance and summary report

By: James Hopkins

1. Docket No. DMEA-4040 - Mica
Property: Baker property, Mitchell County, North Carolina
Applicants: Horace Baker and Cecil Phillips
Route # 1
Bakersville, North Carolina

Application: MF-103 dated October 20, 1955
Work proposed:

Bulldozing	$300.00
Shaft sinking @ $45.00/ft. (about 80 feet)	4,150.00
Drifting 60 feet @ $30.00/ft.	1,800.00
Road construction	100.00
Toolhouse	100.00
Powder magazine	30.00
Exploder magazine	20.00
Labor	6,080.00
Supplies	37.50
Operating equipment rental	2,080.00
	$14,697.50

No contract - application denied.

2. Comments:

This mine, formerly the Old Baker Mine, has been worked intermittently for a number of years. The mica is small and of a non-strategic quality. It is also flat "A", green, stained and unstained. Three-quarter inch muscovite exists on the muck around the old shaft. No strategic mica is in place either in the shaft drifts or adit.

A series of highly weathered sodic-feldspar pegmatites with 2 - 4 inch quartz stringers exist in pods for a strike length of 250 feet. The pegmatite is extremely thin and discontinuous in many places. The width ranges from 4 inches to 2 feet. The country rock consists of a highly weathered biotite gneiss.

Old workings consist of a shaft 20 feet wide and 20 feet deep and an adit that extends for 170 feet into the hill. At a depth of 12 feet in the shaft, two partly caved drifts about 15 feet apart have been driven from the shaft 50 feet and 75 feet respectively. There is no record of production.

The field examiners on the basis of the small, non-strategic quality of mica and scarcity of mica recommend that the application be denied. The Nonmetallic Minerals Division concur in the denial. The Commodity Divisions of the Geological Survey and Bureau of Mines also concur in the denial.

James Hopkins
Nonmetallic Minerals Division

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

RECEIVED
DEC 16 1955

December 15, 1955

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA-4040 (mica)

Applicant: H. McKinney and H. Baker

Name and Location of Property: Baker Property, Mitchell County, N. C.

Date of Field Team Report: 11/28/55

Date Rec'd. by Br. of Ceramic & Fertilizer Materials: 12/13/55

Field Team Recommendation: Recommend denial of the application.

Comments:

1. The pegmatite at this mine consists of a series of discontinuous pods, which have been worked considerably in the past.

2. The mica at this mine is small and largely of non-strategic quality.

3. Possibility for discovery of a worthwhile deposit of strategic mica is considered poor.

Recommendation: I concur with the field team's recommendation.

W. F. Dietrich

W. F. Dietrich

Hopkins

IN REPLY REFER TO:

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

RECEIVED
DEC 14 1955

December 13, 1955

Re: DMEA 4040
Howard McKinney & Horace Baker
Baker property
Mitchell Co., N. C.
$6,537.50 - Mica

Memorandum

To: L. G. Houk, Defense Minerals Exploration Administration

From: N. E. Nelson, U. S. Geological Survey

Subject: Review of Field Team report.

The applicants requested assistance in the reopening of an old mine. The application said a large amount of mica had been produced and it was producing good mica when abandoned by the last known operators.

The examiners found numerous old workings that could be entered but found little evidence of strategic grade mica in the extremely thin and discontinuous pegmatite. They conclude that further work on the well explored pegmatite is not justified.

I concur with the recommendation of the Field Team that the application be denied.

N. E. Nelson

N. E. Nelson

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 25 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

RECEIVED
DEC 12 1955

December 9, 1955

Memorandum

To: Operating Committee, DMEA - Washington

From: DMEA Field Team, Region V - Knoxville, Tennessee

Subject: Field Examination Report, DMEA-4040 (mica) Denial
Howard McKinney & Horace Baker, Baker Property, Mitchell Co., N. C.

Enclosed are four copies of the subject examination report.

We concur with the recommendation for denial.

Robert A. Laurence
Robert A. Laurence
Executive Officer, DMEA
Field Team, Region V

Wm. A. Beck
Wm. A. Beck, Acting Member
Bureau of Mines

Reviewed by
DMEA OPERATING COMMITTEE
12-14-55
(CSEO)

RECEIVED
DEC 12 1955

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

EXAMINATION BY FIELD TEAM, REGION V

On

DMEA-4040, BAKER PROPERTY
Mitchell County, N. C.
(mica)

BY

Lawrence E. Shirley, Mining Engineer
U. S. Bureau of Mines

and

S.C. Bergman and A. R. Taylor, Geologists
U. S. Geological Survey

November 28, 1955

Reviewed by
DMEA OPERATING COMMITTEE
12-14-55
(date)

RECEIVED
DEC 12 1955

EXAMINATION REPORT

On

DMEA-4040, BAKER PROPERTY (mica)
Mitchell County, N. C.

Applicants: Howard McKinney and Horace Baker, R#1, Bakersville, N. C.

This mine has been worked intermittently for a number of years. Mica is small and of a non-strategic quality. It is recommended that the application be denied.

The mine is very accessible from White Oak road, 100 yards behind a house. It is 1.6 airline miles S 43E of Bakersville, N. C., in the Micaville, N. C. quadrangle.

About one hour was spent in the examination on Monday, November 28, 1955. Mr. Howard McKinney and Mr. Horace Baker accompanied the examiners.

This mine, formerly the Old Baker Mine, consists of old workings in a series of discontinuous, vertically elongated pods of pegmatite. An old open shaft, 20 feet wide and 20 feet in depth, exists upslope from an old adit which trends S 75W for 170 feet into the hill. In the shaft on the SW side, at a depth of 12 feet, two old partly caved drifts extend, about 15 feet apart, for 50 - 75 feet S 80W into the hillside. The mouth of the old adit is about 50 feet lower in elevation than the shaft top. The end of the adit probably extends very near to the bottom of the shaft.

Small, flat "A", green, stained and unstained, 3-4 inch wide muscovite exists on the muck around the old shaft. No strategic mica is in place either in the shaft, drifts, or adit.

A series of highly weathered, sodic-feldspar pegmatites, with 2 - 4 inch quartz stringers exist in pods for a strike length of 250 ft. The pegmatite is extremely thin and discontinuous in many places. The width ranges from 4 inches to 2 feet.

In the heading of the 170-foot long adit, the pegmatite strikes S 75 W and dips 55 SE.

Country rock consists of a highly weathered biotite gneiss.

Since exploration has been carried on for a very long distance in this old mine, it seems improbable that any new exploration would

uncover a significant deposit of strategic mica. The field examiners on the basis of the small, non-strategic quality of mica, and scarcity of mica, recommend that the application be denied.

December 6, 1955.

L. E. Shirley, Mining Engineer
U. S. Bureau of Mines

S. C. Bergman and A. R. Taylor, Geologists
U. S. Geological Survey

z

DOCKET FILE
Surname:

Hopkins
Houk
Kiilsgaard
Geehan
Martin
Johnson

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C. 600

NOV 14 1955

Messrs. Horace Baker and
Howard McKinney
Route # 1
Bakersville, North Carolina

Re: Docket No. DMEA-4040 - Mica
Horace Baker and Howard McKinney
Baker property
Mitchell County, North Carolina

Gentlemen:

Your application for assistance in exploring the subject property has been reviewed by the Nonmetallic Minerals Division of the Defense Minerals Exploration Administration and has been referred to Mr. Robert A. Laurence, Executive Officer, DMEA Field Team, Region V, Room 13, Post Office Building, Knoxville 2, Tennessee, for further consideration and possibly a field examination.

The Regional Office will contact you at an early date if an examination is to be made. Any assistance you may give the members of the Field Team during the examination will be appreciated.

Sincerely yours,

C. O. Mittendorf

Administrator

JHopkins:ad 11/10/55
Copy to: Admr. R. File
Docket
Operating Committee
Field Team, Region V
Mr. Dietrich, 3061
Mr. Kiilsgaard, 5222
Mr. Houk
Mr. Hopkins

DOCKET FILE
Surname:

Hopkins
Hook
Martin
J E Johnson

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C. 600

NOV 14 1955

Mr. Robert A. Laurence
Executive Officer, DMEA
Field Team, Region V
Room 13, Post Office Bldg.
Knoxville 2, Tennessee

Subject: Docket No. DMEA-4040 - Mica
Horace Baker and Howard McKinney
Baker property
Mitchell County, North Carolina

Dear Mr. Laurence:

Please review the subject application and arrange for a field examination if you deem it necessary.

Copies of memoranda dated November 2 and November 4, 1955, by N. K. Nelson, USGS, and W. F. Dietrich, USBM, respectively, relating to the project are enclosed.

Please refer to your memorandum dated October 28, 1955, transmitting copies of the subject application which states that much of the required information can be obtained during a field examination. Copies of the lease and Consent to Lien submitted by the applicants are enclosed herewith and are to be returned to them. If a contract is recommended please request them to furnish copies of a lease and Consent to Lien that contain identical legal descriptions of the property by metes and bounds referenced to a permanent landmark.

If your office recommends an exploration program as submitted or revised by the applicants, please furnish the necessary information to draft a contract. In this connection we will require nine copies of a map showing the proposed work and pegmatite exposures in relation to the property lines.

Sincerely yours,

W. H. Martin (by 257)
Chairman, Operating Committee

Approved:

/s/ Kenneth P. Chew by 257 ACTING
Member, Bureau of Mines

/s/ [illegible] by 257
Member, Geological Survey

Enclosures 12

JHopkins:ad 11/10/55
Copy to: Admr. R. File
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk
Mr. Hopkins
Docket

Hopkins

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

RECEIVED
NOV - 4 1955

November 4, 1955

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA-4040 (mica)

Applicant: H. Baker, H. McKinney

Name and Location of Property: Mitchell County, N. C.

Date Application Rec'd. by Br. of Ceramic & Fertilizer Materials: 11/1/55

Comments:

1. From the limited information presented, it is difficult to determine if an exploration program is justified or if the proposed plan would be the best method of exploring this property.

2. Application states mine was previous producer but does not name mine.

3. It is usggested applicant be requested to submit more detailed information regarding an exploration plan.

Recommendation:

It is recommended that the applicant be requested to supply additional data on this mine before any action is taken.

W. F. Dietrich

W. F. Dietrich

Hopkins

IN REPLY REFER TO:

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

RECEIVED
NOV - 3 1955

November 2, 1955

Re: DMEA 4040
Horace Baker & Howard McKinney
Baker Tract
Mitchell Co., N. C.
$6,537.50 - Mica

Memorandum

To: L. G. Houk, Defense Minerals Exploration Administration

From: N. E. Nelson, U. S. Geological Survey

Subject: Review of application.

From the information furnished with this application, no inference can be drawn concerning the merit of the proposal. The cost is not well set up, but probably would be about:--

Bulldozing	$ 300.00
Shaft, 80 ft. ($51.87/ft.)	4,150.00
Drifting, 60 ft. ($30.00/ft.)	1,800.00
Road	100.00
Picks, shovels, etc.	37.50
Buildings	150.00
	$6,537.50

For a fill in of essential information a referral to the Field Team is recommended.

N. E. Nelson

N. E. Nelson

DMEA 4040

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
KNOXVILLE, TENNESSEE

KNOXVILLE, TENNESSEE

November 2, 1955

Memorandum

To: Operating Committee, DMEA - Washington

From: Executive Officer, DMEA - Region V - Knoxville

Subject: Owner's Consent to Lien - Application of Horace Baker and Howard McKinney (mica) North Carolina

Attached are five copies of MF-203 on the subject application. Copies of which were mailed your office October 28, also a copy of our letter to Mr. Baker requesting the Consent to Lien forms.

Robert A. Laurence

Robert A. Laurence

RECEIVED
OCT 31 1955

October 28, 1955

Docket
DMEA - 4040

Mr. Horace Baker
Route # 1
Bakersville, North Carolina

Dear Mr. Baker:

The application for DMEA exploration assistance submitted by you and Howard McKinney, was received today and will be forwarded to the Washington office for consideration.

Enclosed are 7 copies of Form MF-203, Owner's Consent to Lien which should have accompanied your application. Please fill out all copies, return the original and five to this office. One copy may be given to the land owner.

Very truly yours,

Robert A. Laurence
EXECUTIVE OFFICER
REGION V

WJL/sm
cc:
Opr.Com.-2
Lynch
Shirley
Files

October 31, 1955

Memorandum

To: Executive Officer, DMEA Field Team, Region V

From: Chief, Operation's Control and Statistics Division

Subject: Assignment of Docket Number

There is listed below the assigned docket number to an application recently received from Region V.

DMEA - 4040 Horace Baker & Howard McKinney

Robert E. Adams
Chief, Operation's Control
and Statistics Division

October 31, 1955
Subject: DMEA-4040
Re: Exploration Assistance

Mr. Horace Baker & Mr. Howard McKinney
Bakersville, North Carolina

Gentlemen:

The receipt of your application dated October 20, 1955, for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-4040 and referred to the Nonmetallic Minerals Division.

Kindly identify all future correspondence relating to your application by this docket number.

Sincerely yours,

Robert E. Adams, Chief
Operations Control and
Statistics Division

60932

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 1, POST OFFICE BLDG.
KNOXVILLE 2, TENN.

WASHINGTON 25, D.C.

October 28, 1955

RECEIVED
OCT 31 1955

Memorandum

To: Operating Committee, DMEA - Washington

From: DMEA Field Team, Region V - Knoxville

Subject: Application - Horace Baker and Howard McKinney, (mica) Bakersville, N. C.

Enclosed are the original and 2 copies of an application received in this office from Horace Baker and Howard McKinney, of Bakersville, North Carolina.

Much of the required information is not given in the application, but this can be obtained during a field examination.

Robert A. Laurence
R. A. Laurence
EXECUTIVE OFFICER
DMEA REGION V

V. J. Lynch
V. J. Lynch, Member
U. S. Bureau of Mines

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D.C.
ROOM POST OFFICE BLDG.
KNOXVILLE 2, TENN.

RECEIVED
OCT 31 1955

October 28, 1955

Memorandum

To: Operating Committee, DMEA - Washington

From: DMEA Field Team, Region V - Knoxville

Subject: Application - Horace Baker and Howard McKinney, (mica) Bakersville, N. C.

Enclosed are the original and 2 copies of an application received in this office from Horace Baker and Howard McKinney, of Bakersville, North Carolina.

Much of the required information is not given in the application, but this can be obtained during a field examination.

R. A. Laurence
EXECUTIVE OFFICER
DMEA REGION V

V. J. Lynch, Member
U. S. Bureau of Mines

VJL/zm
cc:
Lynch
Shirley
Files
Enc.

[redacted]-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

RECEIVED
OCT 31 1955

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

Not to be filled in by applicant

Docket No. DMEA-4040
Metal or Mineral Mica
Date Received 10-31-55
Estimated Cost $14,221.50
Participation (Government %) (14,221.50)

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: Horace Baker, Bakersville, Rt. # 1, N. C.
Howard McKinney, Bakersville, 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. Partnership

(*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.
Horace Baker, Bakersville, Rt. #1, N. C. Howatf McKinney, Bakersville, N.

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 Beginning on the South West corner of Lee Baker's lot and runs West about 800 ft., to James Pannells line on top of the hill; thence with Pannells line 500 feet to a stake in said line; thence near East course about 1000 ft to Lee Bakers line near road; thence with Bakers line a southerly course to the beginning

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

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Part of this land belongs to Horace Baker, part to Istalena Baker

(*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 on Horace Bakers's part

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

RECEIVED
OCT 28 1955

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. Near a paved road and about 10 miles from Spruce Pine Depot

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

16—66551-1

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

(*b*) Describe fully the proposed work, including a map or sketch of the property showing a plan (and cross sections if needed) of any present mine workings, and the location of the proposed exploration work as related to such features as contacts, veins, ore-bearing beds, etc.

(*c*) The work will start within 90 days and be completed within 13 months from the date of an exploration project contract.

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

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

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

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

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

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

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

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

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

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

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

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

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

[X] Money [X] Use of equipment owned by you [X] 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 October 20th, 1955, 195__

(Applicant)

By Howard McGenny

Horace Baker

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

Supplemental to Form MF- 103, Horace Baker and Howard McKinney

4 Physical Description, There is no mining operations on this propeetty at the the present time, bu there has been considerable mining oprrations on this property over a number of years and produced considerabel mica. The present Lessees, one of which has done some work on this property, the other, Howard McKinney never has.

(b) Has produced large quantities of high grade mica

(c) Is pegmatite gash vein in highly mineralized section, gash vein with a slight dip to the south. Our reason to wish to further explore thai this mine is that it was producing good mica at the time that it was abandoned by the last known operators.

(b) we clntemplate going to the bottom of the old wlrks, xxxa about 80 ft.

(d) Both applicants have had considerabel experience in Mining operations for Mica.

6 Estimate of cost:

Bulldosing	$300.00
Shaft @ $45.00 per foot	4150.000
60 foot heading at @ 30. per ft.	1800.00
Road	100.00
Explosives & c	234.00
	$6,584.00

(b) Labor, supervision & c:

One foreman $1.50 per hour	$1,920.00
Hoisting operator $1.25 per hour	1,600.po
Two Common laborers @ $1.00 per hour	2,560.00
	$6, 080.00

(c) Operating supplies & c

Four picks, two shovels	26.00
Two hard top hats	9.00
Two varbite lights	2.50
	$37.50

(d) Air compressor at a rental of $140. per mo. Hoisi
sngine at $45.00 per mo, hack Hammer drill at $45.00 per mo, exploder battery at $10.00 per mo. Pumb at $20.00 per mo.

(e) Explodr magazine at $20.00, powder magazine $30.00, tool house $100.

(g) Payroll taxes $1 50.00

21
1,820
585
585
180
260
3080

Time = 160 days = 8 mos (Too Much) Should be 5 or 6 mos.

8 × (140 + 45 + 45 + 10 + 20) = $2080.00 for rental

92

6,584.00
6,080.00
37.50
2080.00
$14,781.50

41/41.50
605.00