DEC 2 7 1955

Mr. Fred Wilson
45 King Street
Asheville, North Carolina

Re: Docket No. DMEA-4014 - Mica
Fred Wilson
Rocky Face Mine
Mason County, North Carolina

Docket No. DMEA-4015 - Mica
Fred Wilson
Houston Mine
Mason County, North Carolina

Docket No. DMEA-4016 - Mica
Fred Wilson
Watauga Mine
Mason County, North Carolina

Dear Mr. Wilson:

Your application for aid for an exploration project and other reports available to us in Washington relating to each of the subject properties 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 applications are denied.

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

Sincerely yours,

C. O. Miller

Administrator

WCAnderson: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. Anderson

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

RECEIVED
DEC - 8 1955

December 8, 1955

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA - 4014-15-16 (mica)

Applicant: F. Wilson

Name and Location of Property: Rocky Face Mica Mines, Macon County, N. C.

Date of Field Team Report: 11/18/55

Date Rec'd. by Br. of Ceramic & Fertilizer Materials: 12/5/55

Field Team Recommendation: Recommend denial of exploration assistance for all 3 mines

Comments:

1. Any work in the Rocky Face mine would constitute mining and not exploration.

2. Exploration assistance for the Houston mine was previously denied and no new data have been submitted.

3. The mica at all 3 mines is largely non-strategic and no economic deposit is likely to be found.

Recommendation:

I concur with the field team's recommendation.

W. F. Dietrich

IN REPLY REFER TO:

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

RECEIVED
DEC - 6 1955

December 5, 1955

Re: DMEA 4014
Fred Wilson
Rocky Face, Houston and Watauga Mines
Macon County, North Carolina
$9,340.00 - Mica

Memorandum

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

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

Subject: Review of Field Team report.

The applicant asked assistance in three applications in exploring in one operation three neighboring properties, the total estimated cost to be $9,340.00.

The examiners found that the proposed work at the Rocky Face mine would be mining.

The Houston mine was the subject of an application in 1954, DMEA 3357, which was denied, because of the quality of the mica.

The mica at the Watauga mine is scarce and generally not of strategic grade.

For the reasons given the examiners and Field Team recommend that the application be denied.

I concur with that recommendation.

N. E. Nelson

N. E. Nelson

NENelson:iml
G-12/5/55
cc: Director's reading, 4212
Branch reading, 4212
DMEA (3)
Docket file
W. F. Dietrich, 3061

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

WASHINGTON 25, D.C.

November 29, 1955

RECEIVED
DEC - 1 1955

Memorandum

To: Operating Committee DMEA - Washington

From: DMEA Field Team, Region V - Knoxville

Subject: Examination Report, DMEA-4014 (mica) Fred Wilson, Asheville, N. C. Rocky Face, Houston and Watagua Mines,
4014 4015 4016

Enclosed are four copies of the subject examination report.

Because of the non-strategic quality of the mica, we recommend denial of the application, as recommended in the report.

For this reason, we are not requesting an adequate land description from Mr. Wilson.

Robert A. Laurence
Executive Officer, DMEA

V. J. Lynch, Member
Bureau of Mines

RAL/sm
cc:
Lynch
Shirley
Files

Reviewed by
DMEA OPERATING COMMITTEE

(date)

RECEIVED
DEC - 1 1955

FIELD EXAMINATION REPORT

On
DMEA-4014, (mica) Rocky Face, Houston and Watague Mines
Macon County, N. C.

Reviewed by
DMEA OPERATING COMMITTEE
(date)

Applicant: Fred Wilson, 45 King Street, Asheville, North Carolina

Although some unstained ruby mica has been produced in a benched stope of the Rocky Face Mine, most of the mica is badly bent and ruled. Any work here would constitute mining. The Houston was recommended for denial in DMEA-3357. Mica is small, bent, and generally of inferior quality. The Watauga mine contains small crystals of ruled mica with some clay stains, and a small percentage of clear ruby. It is the recommedation of the Field Examiners that these three mines be denied exploration assistance.

The DMEA Field Examiners, in company with Mr. Fred Wilson, inspected these mines November 18, 1955. Three hours were spent in the examination.

The Rocky Face, Houston, and Watauga Mines are on the steep, south slope of Rocky Face Knob, on the Macon County - Jackson County line about 6.1 airline miles N. 40° E. of the North Carolina Highway 23 - Little Tennessee River junction near Franklin, North Carolina. The mines are about 1/2 mile from highway 23 on a steep slope. A jeep road has been constructed to the entrance of the Rocky Face Mine, but the other mines are inaccessible, except by foot. The slope is generally 30-35 degrees.

Rocky Face Knob is found on the USGS, Greens Creek, N. C., quadrangle, edition of 1941, on the southern 1/4 of the map.

The Rocky Face Mine has been worked for mica intermittently for the past 75 years. Asheville Mica Company worked it from 1937 to 1941. Later it was worked by D. E. Worley, then W. N. Grimm in 1943. A report by W. C. Stoll and J. M. Parker III, "Rocky Face Knob Mines," in the North Carolina Department of Conservation and Development Bulletin No. 49, entitled, Mica Deposits of the Franklin -Sylva District, North Carolina, 1946, states that most of the sheet mica was mined in stopes 1 and 2. Asheville Mica Company mined stope No. 3 on the northern part of the mine.

The main pegmatite has a strike length of about 100 feet and a maximum thickness of 20 feet. It consists of an irregular, massive-blocky type, sugary, white quartz core 3- 6 feet thick, surrounded by a white plagioclase zone with some microcline, quartz, garnets, and muscovite. The footwall feldspathic zone is 7-11 feet thick, while the hanging wall zone is about 3 feet thick.

Country rock consists of mica-garnet gneiss, with some biotite schist and kyanite gneiss. Both the foliation of the country rock and the trend of the main pegmatite strike NW, and dip NE. Strikes and dips are variable because of the irregularity of the pegmatite and enclosing

country rock.

A bench about 20 feet above the stope floor in the northeast heading of the mine, exposes the pegmatite proposed for work by Mr. Fred Wilson.

The mine is about 175 feet long (from the mine opening N. 15° W about 75 feet, and 100 feet N. 40° W), and has a large stope 30 feet high with a reported 30 feet of muck in the bottom.

Mica is abundant in the benched face, but is badly bent, ruled and stained. It is estimated that about 50 percent of the ruby, flat mica is stained. Ruled sections 1/2 - 1 inch wide occur in numerous 4-5 inch wide crystals of muscovite. "Books" are abundant and range in thickness up to about 2 inches. About $250 (@ $14/lb.) worth of mica has been sold recently by Mr. Wilson.

Stoll and Parker, in their report state that mica found in the mine was large, slightly wavy, clear ruby, and of generally good quality. The Field Examiners report the abundance of bent, wavy, ruled, stained and unstained mica in the exposed pegmatite in the NE wall.

On the basis of the poor quality of mica exposed in pegmatite and the knowledge that any operation in the open stope, already worked many years, would be mining, the field examiners recommend denial.

The Houston Mine, a long open cut in unweathered rock, on the steep slope of Rocky Face Knob is about 500 feet upslope from the Rocky Face Mine. Accessibility is difficult by foot from the Rocky Face Mine.

An adit was worked in 1942 by D. E. Worley and W. N. Grimm. Fred Wilson worked the deposit for about 5 months in late 1944. Mines and Mining, Inc., Asheville, N. C., did some benching in the past few years in the lower part of the cut, but recovered only about 1200 pounds of poor quality mica.

The Houston Mine was the subject of a report recommending denial of the application for assistance under DMEA-3357, Houston (Littlefield) Mine, (mica) dated June 27, 1954. A thorough examination was made at that time by K. H. Teague and D. H. Amos, Geologists, U. S. Geological Survey and L. E. Shirley, Mining Engineer, U. S. Bureau of Mines.

An open cut about 30 feet deep, 8- 10 feet wide and about 75-80 feet long exists with a muck filled bottom at the Houston Mine. The area proposed for exploration is on the lower, down slope, western side of the cut.

An unweathered, mica poor, plagioclase, 4-7 feet thick pegmatite is exposed in the west wall of the cut. The pegmatite trends N. 20° E and

dips about 60° NW. Mica is concentrated adjacent to a quartz core which is surrounded by feldspathic pegmatite. Mineralogy includes plagioclase, quartz, muscovite, garnet, and sulphides.

Muscovite is small, badly bent, ruled, cracked, and contains biotite and sulphide inclusions. The mica is hard, and ruby in color.

Because of the non-strategic quality of the mica, and small quantity, the examiners believe this application for assistance should be denied.

The Watauga Mine, about 800 feet from the Rocky Face Mine, consists of a N. 15° E trending open cut, 15 feet deep on the uphill side, 10 - 12 feet wide, and about 20 feet long. No trails exist except on top of the ridge 200 feet up slope from the cut. This mine was found and worked by the applicant in 1943.

A highly weathered, feldspathic, zoned, pegmatite strikes, on the west contact N. 30° E, and on the east contact, due N. The dip of the west wall is 55° NW., on the east, top, 78° E. and east wall-bottom, at an offset, 68° E.

In the face of the cut the pegmatite is 4 feet wide at the top and about 8 feet wide at the bottom, with a 4-feet wide, jointed, massive quartz core. Joints in the quartz are about 1 inch wide and trend N. 85° W and dip 85° NE.

Country rock foliation and pegmatite strike and dips appear conformable.

Very little of the mica is strategic in grade. Mica crystals, ruby in color, are 3/4 inches wide, clay stained, and ruled 1 mm. to 1/2 inch in sections.

The field examiners recommend denial of this application on the basis of the poor quality and scarcity of mica.

The field examiners recommend that the three mines be denied assistance because ~~is~~ the mica is non-strategic. Any operation in the Rocky Face Mine would probably constitute mining and not exploration.

November 18, 1955.

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

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

NOV 17 1955 600

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

Subject: Docket No. DMEA-4014 - Mica
Fred Wilson
Rocky Face, Houston and
Watauga Mines
Macon County, North Carolina

Dear Mr. Laurence:

Enclosed are copies of the subject applicant's letter of November 3, 1955, and the requested land description.

You will note that this land description is no more adequate than the one we already have. If a contract is recommended, please advise the applicant to furnish the usual type of land description, i.e., metes and bounds, etc. It would be desirable to reduce the 2,000 acre lease tract to a more reasonable area that amply covers the deposit to be explored.

Sincerely yours,

Chairman, Operating Committee

Approved:

Member, Bureau of Mines

Member, Geological Survey

Enclosures 3

WCAnderson:gad 11/14/55
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

C
O
P
Y

45 King St.,
Asheville, N. C.,
November 3rd 1955.

Docket No. DMEA-4014 - Mica
Fred Wilson
Rocky-Face, Houston, Watauga Mines
Macon County, N. C.

Defense Minerals Administration.

Washington, D. C.,

Dear Mr. Johnson:

I am sending you a description of the land recording containing the mica mines Docket No. DMEA 4014 Rocky-Face, Houston, Watauga, If necessary I would copy all of the Recording giving the measurements calls and degrees of lines, this land is all in the same boundry and appx., 2000 acres of land and it is in the center of the Ruby Mica belt, if I hand any coperation from Knoxville and they would give me some assistance on these 3 mines, I could get them in production, and other mines.

Yours truly,

/s/ Fred Wilson

600

OCT 24 1955

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

Subject: Docket No. DMEA-4014 - Mica
Fred Wilson
Rocky Face, Houston and
Natanga Mines
Macon 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 October 13, 1955, by N. E. Nelson, USGS, and W. F. Dietrich, USBM, respectively, relating to the project are enclosed.

Applications given Dockets Nos. DMEA-4014, 4015, and 4016 were submitted by the Applicant for exploration assistance on three adjacent mines and are covered by the same lease. Therefore, we have consolidated the three applications under one docket number, DMEA-4014. Kindly identify all future correspondence relating to the three applications by this docket number. Please note that an application on the subject Houston Mine (DMEA-3357) was denied.

We have requested the Applicant to furnish a full description of the land as the description given in the lease and the Consent to Lien refers only to the records in the County Register of Deeds Office.

If your office recommends an exploration program as submitted or revised by the applicant, 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. Please note Operating Committee Minutes Nos. 207 and 296, dated April 24 and November 23, 1953, for the detailed information we will require to draft a contract.

Approved:

/s/ Robert W. Geehan

Member, Bureau of Mines

Thor H. Kiilsgaard

Member, Geological Survey

Enclosures 8

WCAnderson:gad 10/21/55

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Copy to: Admr. R. File
Docket
Operating Committee
Mr. Dietrich, 3061
Mr. Kiilsgaard, 5222
Mr. Houk
Mr. Anderson

Mr. Fred Wilson
45 King Street
Asheville, North Carolina

OCT 2 4 1955

Re: Docket No. DMEA-4014 - Mica
Fred Wilson
Rocky Face, Houston and Watauga Mines
Macon County, North Carolina

Dear Mr. Wilson:

Your applications for assistance in exploring the subject mines have been reviewed by the Nonmetallic Minerals Division of the Defense Minerals Exploration Administration and have 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.

Since your applications (DMEA-4014, 4015, and 4016) are for three adjacent mines on the same property covered by one lease, we have consolidated them under one docket number. Kindly identify all future correspondence relating to your three applications as Docket No. DMEA-4014.

Your lease and Consent to Lien do not contain a complete description of the land area on which the three subject mines are located but refer to a recorded description in the Macon County Book of Deeds No. H-5, page 327. Please forward a copy of the full description as recorded in Book of Deeds No. H-5, page 327, and send a copy to Mr. Laurence in Knoxville.

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,

Frank E. Johnson

Acting Administrator

WCAnderson:gad 10/21/55
Copy to: Admr. R. File
Docket
Operating Committee
Field Team, Region V
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

Mr. Anderson

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

RECEIVED
OCT 14 1955

October 13, 1955

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA- 4014, 4015, 4016 (mica)

Applicant: F. Wilson

Name and Location of Property: Rocky Face Mica Mine, Houston Mine, N. C.

Date Application Rec'd. by Br. of Ceramic & Fertilizer Materials: 10/12/55

Comments:

1. All three applications were by one person on 3 "mines" that are all in the same area. It is suggested that one consolidated application be submitted.

2. No detailed breakdown of costs are given in the applications.

3. The applicant states in 4014 that he wants to stope the vein up to the surface and use the mined out stope for ventilation and hoisting. This definitely is not exploration.

4. The field team may be able to suggest an exploration program that will aid in disclosing further mica occurrences.

5. Bureau of Mines records show that an average monthly purchase from May to September 1944 of $716.80 worth of mica were made by Colonial Mica from Rocky Face Mica Mine.

Recommendation:

It is recommended that the field team visit this mine when in that vicinity to ascertain if an exploration project is justified. If so, the field team and applicant should agree on a definite plan of exploration on a unit-cost basis.

Signed
W. F. Dietrich

IN REPLY REFER TO:

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

October 13, 1955

RECEIVED
OCT 13 1955

Re: DMEA 4014
Fred Wilson
Rocky Face Mine
Macon Co., N. C.
$2,565.00 - Mica

Memorandum

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

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

Subject: Review of application.

This is an application for assistance in opening an airway to surface and stoping a new vein in the lowest of three adjoining old mines.

I have no information on the three mines mentioned, Rocky Face, Houston and Watauga, the subjects of this application and No. 4015 and No. 4016 made by Fred Wilson.

An examination by the Field Team is needed in order that a choice of working place or places may be made.

Referral to the Field Team is recommended.

N. E. Nelson

N. E. Nelson

NENelson:iml
G-10/13/55

cc: Director's reading, 4212
Branch reading, 4212
DMEA (3)
Docket file
W. F. Dietrich, 3061

DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 4014

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.

cy USGS; cy B Mines

This document has been recorded as

Exploration

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:	600	Date	10/12
To:	Anderson	Date	10/13/55
To:	Oper Com	Date	10-21-55
To:	Mr Johnson	Date	11-16-55
To:	Mr Whitendor	Date	11-16-55
To:	M & H	Date	11-16-55
To:	Oper Com	Date	12-22-55
To:	J. E. Johnson	Date	12-23-55
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	

DO NOT DETACH

CONTROLLED DOCUMENT

DOCKET FILE
Surname:
Anderson
Houk
Kiilsgaard
Dietrich
Selfridge.

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

DEC 27 1955

Mr. Fred Wilson
45 King Street
Asheville, North Carolina

Re: Docket No. DMEA-4014 - Mica
Fred Wilson
Rocky Face Mine
Macon County, North Carolina

Docket No. DMEA-4015 - Mica
Fred Wilson
Houston Mine
Macon County, North Carolina

Docket No. DMEA-4016 - Mica
Fred Wilson
Watauga Mine
Macon County, North Carolina

Dear Mr. Wilson:

Your application for aid for an exploration project and other reports available to us in Washington relating to each of the subject properties 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 applications are denied.

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

Sincerely yours,

C. O. Mi[illegible]

Administrator

WCAnderson: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. Anderson

Memorandum December 19, 1955.

To: File

From: Walter C. Anderson, Nonmetallic Minerals Division

Subject: Evaluation of application and field examination report.

Docket No. DMEA-4014-Mica

Fred Wilson

Rocky Face Mine

Macon County, North Carolina

Denial of application is recommended

Mica: Abundant, but is badly bent, wild, and about 50% of the ruby, flat mica is stained

Pegmatite: Strike length of about 100 feet, maximum thickness of 20 feet. Irregular, massive-type conformably enclosed by mica-garnet gneiss, some biotite schist and hyanite gneiss.

Old workings: Stope 30 feet high by 175 feet long.

Method of exploring: Applicant proposes to sink a shaft to reach unexplored pegmatite below the old stope.

Recommendation: On the basis of poor quality mica, and that operation in the open stope would be minimum, the field team recommends denial. The Nonmetallic Minerals Division and the commodity members of the Geological Survey and Bureau of Mines Concur.

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

RECEIVED
DEC - 8 1955

December 8, 1955

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA - 4014-15-16 (mica)

Applicant: F. Wilson

Name and Location of Property: Rocky Face Mica Mines, Macon County, N. C.

Date of Field Team Report: 11/18/55

Date Rec'd. by Br. of Ceramic & Fertilizer Materials: 12/5/55

Field Team Recommendation: Recommend denial of exploration assistance for all 3 mines

Comments:

1. Any work in the Rocky Face mine would constitute mining and not exploration.

2. Exploration assistance for the Houston mine was previously denied and no new data have been submitted.

3. The mica at all 3 mines is largely non-strategic and no economic deposit is likely to be found.

Recommendation:

I concur with the field team's recommendation.

W. F. Dietrich

W. F. Dietrich

IN REPLY REFER TO:

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

RECEIVED
DEC - 6 1955

December 5, 1955

Re: DMEA 4014
Fred Wilson
Rocky Face, Houston and Watauga Mines
Macon County, North Carolina
$9,340.00 - 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 applicant asked assistance in three applications in exploring in one operation three neighboring properties, the total estimated cost to be $9,340.00.

The examiners found that the proposed work at the Rocky Face mine would be mining.

The Houston mine was the subject of an application in 1954, DMEA 3357, which was denied, because of the quality of the mica.

The mica at the Watauga mine is scarce and generally not of strategic grade.

For the reasons given the examiners and Field Team recommend that the application be denied.

I concur with that recommendation.

N. E. Nelson

N. E. Nelson

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 1 POST OFFICE BLDG.
WASHINGTON 25, D. C.
KNOXVILLE 2, TENN.

RECEIVED
DEC - 1 1955

November 29, 1955

Memorandum

To: Operating Committee DMEA - Washington

From: DMEA Field Team, Region V - Knoxville

Subject: Examination Report, DMEA-4014 (mica) Fred Wilson, Asheville, N. C. Rocky Face, Houston and Watagua Mines,

Enclosed are four copies of the subject examination report.

Because of the non-strategic quality of the mica, we recommend denial of the application, as recommended in the report.

For this reason, we are not requesting an adequate land description from Mr. Wilson.

Robert A. Laurence
Robert A. Laurence
Executive Officer, DMEA

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

Reviewed by
DMEA OPERATING COMMITTEE
12-5-55
(date)

RECEIVED
DEC - 1 1955

FIELD EXAMINATION REPORT

On
DMEA-4014, (mica) Rocky Face, Houston and Watague Mines
Macon County, N. C.

Reviewed by
DMEA OPERATING COMMITTEE
12-5-55
(date)

Applicant: Fred Wilson, 45 King Street, Asheville, North Carolina

Although some unstained ruby mica has been produced in a benched stope of the Rocky Face Mine, most of the mica is badly bent and ruled. Any work here would constitute mining. The Houston was recommended for denial in DMEA-3357. Mica is small, bent, and generally of inferior quality. The Watauga mine contains small crystals of ruled mica with some clay stains, and a small percentage of clear ruby. It is the recommedation of the Field Examiners that these three mines be denied exploration assistance.

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The Rocky Face, Houston, and Watauga Mines are on the steep, south slope of Rocky Face Knob, on the Macon County - Jackson County line about 6.1 airline miles N. 40° E. of the North Carolina Highway 23 - Little Tennessee River junction near Franklin, North Carolina. The mines are about 1/2 mile from highway 23 on a steep slope. A jeep road has been constructed to the entrance of the Rocky Face Mine, but the other mines are inaccessible, except by foot. The slope is generally 30-35 degrees.

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The main pegmatite has a strike length of about 100 feet and a maximum thickness of 20 feet. It consists of an irregular, massive-blocky type, sugary, white quartz core 3- 6 feet thick, surrounded by a white plagioclase zone with some microcline, quartz, garnets, and muscovite. The footwall feldspathic zone is 7-11 feet thick, while the hanging wall zone is about 3 feet thick.

Country rock consists of mica-garnet gneiss, with some biotite schist and kyanite gneiss. Both the foliation of the country rock and the trend of the main pegmatite strike NW, and dip NE. Strikes and dips are variable because of the irregularity of the pegmatite and enclosing

country rock.

A bench about 20 feet above the stope floor in the northeast heading of the mine, exposes the pegmatite proposed for work by Mr. Fred Wilson.

The mine is about 175 feet long (from the mine opening N. 15° W about 75 feet, and 100 feet N. 40° W), and has a large stope 30 feet high with a reported 30 feet of muck in the bottom.

Mica is abundant in the benched face, but is badly bent, ruled and stained. It is estimated that about 50 percent of the ruby, flat mica is stained. Ruled sections 1/2 - 1 inch wide occur in numerous 4-5 inch wide crystals of muscovite. "Books" are abundant and range in thickness up to about 2 inches. About $250 (@ $14/lb.) worth of mica has been sold recently by Mr. Wilson.

Stoll and Parker, in their report state that mica found in the mine was large, slightly wavy, clear ruby, and of generally good quality. The Field Examiners report the abundance of bent, wavy, ruled, stained and unstained mica in the exposed pegmatite in the NE wall.

On the basis of the poor quality of mica exposed in pegmatite and the knowledge that any operation in the open stope, already worked many years, would be mining, the field examiners recommend denial.

The Houston Mine, a long open cut in unweathered rock, on the steep slope of Rocky Face Knob is about 500 feet upslope from the Rocky Face Mine. Accessibility is difficult by foot from the Rocky Face Mine.

An adit was worked in 1942 by D. E. Worley and W. N. Grimm. Fred Wilson worked the deposit for about 5 months in late 1944. Mines and Mining, Inc., Asheville, N. C., did some benching in the past few years in the lower part of the cut, but recovered only about 1200 pounds of poor quality mica.

The Houston Mine was the subject of a report recommending denial of the application for assistance under DMEA-3357, Houston (Littlefield) Mine, (mica) dated June 27, 1954. A thorough examination was made at that time by K. H. Teague and D. H. Amos, Geolosits, U. S. Geological Survey and L. E. Shirley, Mining Engineer, U. S. Bureau of Mines.

An open cut about 30 feet deep, 8- 10 feet wide and about 75-80 feet long exists with a muck filled bottom at the Houston Mine. The area proposed for exploration is on the lower, down slope, western side of the cut.

An unweathered, mica poor, plagioclase, 4-7 feet thick pegmatite is exposed in the west wall of the cut. The pegmatite trends N. 20° E and

dips about 60° NW. Mica is concentrated adjacent to a quartz core which is surrounded by feldspathic pegmatite. Mineralogy includes plagioclase, quartz, muscovite, garnet, and sulphides.

Muscovite is small, badly bent, ruled, cracked, and contains biotite and sulphide inclusions. The mica is hard, and ruby in color.

Because of the non-strategic quality of the mica, and small quantity, the examiners believe this application for assistance should be denied.

The Watauga Mine, about 800 feet from the Rocky Face Mine, consists of a N. 16° E trending open cut, 15 feet deep on the uphill side, 10 - 12 feet wide, and about 20 feet long. No trails exist except on top of the ridge 200 feet up slope from the cut. This mine was found and worked by the applicant in 1943.

A highly weathered, feldspathic, zoned, pemgatite strikes, on the west contact N. 30° E, and on the east contact, due N. The dip of the west wall is 55° NW., on the east, top, 78° E. and east wall-bottom, at an offset, 68° E.

In the face of the cut the pegmatite is 4 feet wide at the top and about 8 feet wide at the bottom, with a 4-foot wide, jointed, massive quartz core. Joints in the quartz are about 1 inch wide and trend N. 85° W and dip 85° NE.

Country rock foliation and pegmatite strike and dips appear conformable.

Very little of the mica is strategic in grade. Mica crystals, ruby in color, are 3/4 inches wide, clay stained, and ruled 1 mm. to 1/2 inch in sections.

The field examiners recommend denial of this application on the basis of the poor quality and scarcity of mica.

The field examiners recommend that the three mines be denied assistance because ~~is~~ the mica is non-strategic. Any operation in the Rocky Face Mine would probably constitute mining and not exploration.

November 18, 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 Copy
Surname:
Anderson
Houk
Selfridge
J. S. Johnson
McMerdon

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

NOV 17 1955

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

Subject: Docket No. DMEA-4014 - Mica
Fred Wilson
Rocky Face, Houston and
Watauga Mines
Macon County, North Carolina

Dear Mr. Laurence:

Enclosed are copies of the subject applicant's letter of November 3, 1955, and the requested land description.

You will note that this land description is no more adequate than the one we already have. If a contract is recommended, please advise the applicant to furnish the usual type of land description, i.e., metes and bounds, etc. It would be desirable to reduce the 2,000 acre lease tract to a more reasonable area that amply covers the deposit to be explored.

Sincerely yours,

By ESF

Chairman, Operating Committee

Approved:

By ESF

Member, Bureau of Mines

N. E. Norton
By ESF

Member, Geological Survey

Enclosures 3

WCAnderson:gad 11/14/55
Copy to: Admr. R. File
Docket
Operating Committee
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk

F.C.

RECEIVED

45 King St.,
Asheville, N. C.,
November 3rd 1955.

Docket No DMEA-4014 Mica.
Fred Wilson.
Rocky-Face. Houston.
Watauga, Mines
Macon County
N.C.

Defense Minerals Administration.
Washington, D. C.,

Dear Mr. Johnson:

I am sending you a description of the land recording containing the mica mines Docket No DMEA 4014 Rocky-Face, Houston, Watauga, If necessary I would copy all of the Recording giving the measurements calls and degrees of lines, this land is all in the same boundry and appx., 2000 acres of land and it is in the center of the Ruby Mica belt, If I hand any coperation from Knoxville and they would give me some assistance on these 3 mines, I could get them in production, and other mines.

Yours truly,

Fred Wilson

THIS quit claim Deed made this 24th day of July I942 by Gay Green and wife Effie M. Green parties of the first part. to D. E. Whorley party of the second part.

WITNESSETH that parties of the first part for and of the sum of ten dollars $I0.00 and other considerations to them in hand paid by the said party of the second, receipt of which is acknowledged, have sold, released, conveyed and quit claimed and by these presents do hereby sell release, convey, and quit unto the said D. E. Whorley party of the second part, his heirs, and assigns forever, all these those certain pieces, parcels, or tracts of land situate, lying and being in Macon County, N. C., fully described in a deed of conveyance made by the Universal Liquidating Co., to the said Gay Green. dated the Ist day of January I936. and fully registered in the office of the Register Of Deeds for Macon County, N. C., in Deed Book A-5 page 349.

EXCEPTING HOWEVER from the conveyance all land conveyed by the above mentioned Deed located in Jackson County N. C.,

EXCEPTING also from the conveyance that certain tract located in Macon County N. C., fully described in a conveyance from William Browning to Cowee Mt., School Inc., by Deed dated May 30th I9I7 and duly recorded in the Office of the Register if Deeds for Macon County N. C., in Book X-3 page 585.

THIS Deed to Gay Green by the Universal Liquidating Co. First tract recorded Book # H-4 page # 26I. Macon County. Second tract recorded Book H-I page 3I7. Third tract Book J-4 page 35. Fourth tract consisting of 3 seperate tracts one for 400 acres . one for I50 acres. third for 200 acres Book A-4 page 42. Fifth tract Book A-4 page 77. The 4 and 5 tract above described being the land described in a deed from E.P. McCoy and wife to S. Sternburg dated 6 of January I925 recorded book N-4 page 84.
Six and Seventh tracts containing parts of several State Grants. Recording of all tracts and grants Book A-5 page 349.

Docket Copy
Surname:
Anderson
F Krause
H Johnson

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

OCT 24 1955

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

Subject: Docket No. DMEA-4014 - Miss Fred Wilson
Rocky Face, Houston and Watauga Mines
Macon 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 October 13, 1955, by N. E. Nelson, USGS, and W. F. Dietrich, USBM, respectively, relating to the project are enclosed.

Applications given Dockets Nos. DMEA-4014, 4015, and 4016 were submitted by the Applicant for exploration assistance on three adjacent mines and are covered by the same lease. Therefore, we have consolidated the three applications under one docket number, DMEA-4014. Kindly identify all future correspondence relating to the three applications by this docket number. Please note that an application on the subject Houston Mine (DMEA-3357) was denied.

We have requested the applicant to furnish a full description of the land as the description given in the lease and the Consent to Lien refers only to the records in the County Register of Deeds Office.

If your office recommends an exploration program as submitted or revised by the applicant, 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. Please note Operating Committee Minutes Nos. 207 and 296, dated April 24 and November 23, 1953, for the detailed information we will require to draft a contract.

Approved:

/s/ Robert W. Geehan (JHB)
Member, Bureau of Mines

Thor H. Kiilsgaard (JHB)
Member, Geological Survey

Enclosures 8

WCAnderson:gad 10/21/55

Sincerely yours,

George C. Selfridge (JHB)
Chairman, Operating Committee

Copy to: Admr. R. File
Docket
Operating Committee
Mr. Dietrich, 3061
Mr. Kiilsgaard, 5222
Mr. Houk
Mr. Anderson

R.G.S.

Docket Copy
Surname:
Anderson
F. L. Kassner
Robert W. Gichon
Kilsgaard
Selfridge

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

OCT 24 1955

Mr. Fred Wilson
45 King Street
Asheville, North Carolina

Re: Docket No. DMEA-4014 - Mica
Fred Wilson
Rocky Face, Houston and Watauga Mines
Macon County, North Carolina

Dear Mr. Wilson:

Your applications for assistance in exploring the subject mines have been reviewed by the Nonmetallic Minerals Division of the Defense Minerals Exploration Administration and have 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.

Since your applications (DMEA-4014, 4015, and 4016) are for three adjacent mines on the same property covered by one lease, we have consolidated them under one docket number. Kindly identify all future correspondence relating to your three applications as Docket No. DMEA-4014.

Your lease and Consent to Lien do not contain a complete description of the land area on which the three subject mines are located but refer to a recorded description in the Macon County Book of Deeds No. H-5, page 327. Please forward a copy of the full description as recorded in Book of Deeds No. H-5, page 327, and send a copy to Mr. Laurence in Knoxville.

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,

Frank E. Johnson

Acting Administrator

WCAnderson:gad 10/21/55
Copy to: Admr. R. File
Docket
Operating Committee
Field Team, Region V
Mr. Kiilsgaard, 5222
Mr. Dietrich, 3061
Mr. Houk
Mr. Anderson

R.S.G.

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

RECEIVED
OCT 14 1955

October 13, 1955

Memorandum

To: Nonmetallic Minerals Division
Defense Minerals Exploration Administration

From: Chief, Branch of Ceramic and Fertilizer Materials

Subject: DMEA- 4014, 4015, 4016 (mica)

Applicant: F. Wilson

Name and Location of Property: Rocky Face Mica Mine, Houston Mine, N. C.

Date Application Rec'd. by Br. of Ceramic & Fertilizer Materials: 10/12/55

Comments:

1. All three applications were by one person on 3 "mines" that are all in the same area. It is suggested that one consolidated application be submitted.

2. No detailed breakdown of costs are given in the applications.

3. The applicant states in 4014 that he wants to stope the vein up to the surface and use the mined out stope for ventilation and hoisting. This definitely is not exploration.

4. The field team may be able to suggest an exploration program that will aid in disclosing further mica occurrences.

5. Bureau of Mines records show that an average monthly purchase from May to September 1944 of $716.80 worth of mica were made by Colonial Mica from Rocky Face Mica Mine.

Recommendation:

It is recommended that the field team visit this mine when in that vicinity to ascertain if an exploration project is justified. If so, the field team and applicant should agree on a definite plan of exploration on a unit-cost basis.

W. F. Dietrich

W. F. Dietrich

IN REPLY REFER TO:

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

October 13, 1955

RECEIVED
OCT 13 1955

Re: DMEA 4014
Fred Wilson
Rocky Face Mine
Macon Co., N. C.
$2,565.00 - Mica

Memorandum

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

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

Subject: Review of application.

This is an application for assistance in opening an airway to surface and stoping a new vein in the lowest of three adjoining old mines.

I have no information on the three mines mentioned, Rocky Face, Houston and Watauga, the subjects of this application and No. 4015 and No. 4016 made by Fred Wilson.

An examination by the Field Team is needed in order that a choice of working place or places may be made.

Referral to the Field Team is recommended.

N. E. Nelson

N. E. Nelson

October 12, 1955

Subject: DMEA-4014
Re: Exploration Assistance
Rocky Face

Mr. Fred Wilson
45 King Street
Ashville, North Carolina

Dear Mr. Wilson:

The receipt of your application dated September 28, 1955 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA 4014 and referred to the Non Metallics 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

October 12, 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 -4014 Fred Wilson Rocky Face Mine

4015 Fred Wilson Houston Mine

4016 Fred Wilson Watauga Mine

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 23 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

RECEIVED
OCT 12 1955

October 10, 1955

Memorandum

To: Operating Committee - DMEA - Washington

From: DMEA Field Team, Region V

Subject: Applications from Fred Wilson, Asheville, N. C. (mica)
Rocky Face - Watauga and Houston Mines, Macon County, N. C.

Enclosed are three copies each of three applications received today from Fred Wilson of Asheville, North Carolina. The fourth copies of each are being held for our use.

All three of these prospects are on the same leased area, so the applicant submitted only one copy of each lease and one set of each Owner's Consent to Lien.

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

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

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

RECEIVED
OCT 12 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 4014
Metal or Mineral Mica
Date Received 10-12-55
Estimated Cost $2,565.00
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: Fred Wilson, 45 King St., Asheville, 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.

RECEIVED
OCT 10 1955
Knoxville, Tenn.

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 Lease and lein pappers attached.

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

(*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. lease attached.

(*e*) If you own the land, describe any liens or encumbrances on it none on this mineral interest and mining rights.

(*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. sheet attached.

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

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

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

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

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

(*c*) The work will start within 10 days and be completed within 3 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. know how to mine, 20 years

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 Labor.

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 September 20th, 1955.

Fred Wilson
(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

RECEIVED

OCT 12 1955

4 (a) The RockyFace Mica mine have been worked for 75 years and into the mountain for 300 ft., in a north direction on a vein that dipped south east, the vein was stopped up and out to the surface on the north west for a distance appx., I50 ft., in the back heading of this old works, I have uncovered a vein that have never been worked, it dips into the mt., at 60 degree pitch North west and strikes north 22½ degrees east and outcrops to within a few feet of the surface for more than 600 ft up the mt., side. From a banch on the north east side of the main heading 300 ft., in the mt., and 50 feet below the surface I want to start my exploration and at a angle of 30 degrees stope on the vein up to the surface a distance of 75 feet, taking a portion of the top or the under walling and some of the vein, for a width of six (6) feet and 8 feet high out to the surface appx., 75 feet the vein will be appx. I2 feet wide in the bottom and 8 feet at the top 75 feet in distance and 50 feet high. This opening to the surface will give a air vent and a shaft for hoisting. The muck and the mica to be taken out from below through the old workings of the mine. This new vein contacts the vein that was worked into the mt., appx. 30 feet deeper the main deposit of the Rocky Face mine and east of the old works in a new portion of the mine at a lower level where the mine have never been explored. The vein is ready for examination.

(b) The amount of mica mined from the Rocky Face mine by WM Grimm, and sold to the Colonial Mica Corporation, is available the mica mining engineer, DEMA room 3537 Interior Bldg may have the record. The amount of mica mined out of the front of this mine unbelieveable size quanity and quality. The main part of the mine have never been explored.

(c) The vein must be a true fissure, two to three veins contact each other the under vein from the north west dipping east, the center vein from the north dipping vertical, and the vein from the north east all comes together. The Houston mine 400 feet north east and 200 ft. elev., similar.

(d) Road bulldozed within 300 feet of this mine, some more bulldoze work will put the compressor and tool house at the mine. Highway 23 2000 feet below, side road to Flowers gap, steep road to mine.

(e) Good miners can be had, Material Franklin, Sylva I5 miles. power line on Highway. water to be had from mine deep water hole, all drilling to be done with wet drills. gravity, or air pressure from water tank.

5 (a) The formation of the mica is large ribbon books, and hex. thick flat books, no A mica on this part of the mountain, the mica is clear.

(b) The vein to be stopped, explored for 75 feet and 8 ft. high 6 ft. W. in width. map of old work and this new vein attached.

6 Estimate of cost. Labor $I.680.00 (b) Forman $I.50 hr., driller and miner

3 month Rent Comp 335.00 2 muckers I.00 hr.,

Explosives 200.00

Gas & oil 50.00 3 months complete project.

Bulldozer road, eqpt I00.00

rent, hammer 200.00

purchase stopper leg. 2465.00 cost of project

new. steel carbon carbide.

ROCKY FACE Mica Mine

(c) 2 picks $6.00 water tanks, water hose I00ft air hose I00 ft.,

2 shovels 6.00 300 ft ½ " water pipe

2 sledge 8.00 fittings and connections.

hammers

400 ft. I" air pipe 40.00 This owned by me and furnished by me Fred Wilson.

(d) New compressor I25 CFPMinute rental purchase price $335.00 month Ingersoil Rand. I month charged to this mine) Houston. 3 mo.

the compressor to be used for 3 mines, RockyFace, Watauga.

New air hammer, Capco Atlas.

" stoper leg, " "

new steel, 2'4'6'8' and I0ft length carbon carbide. $ 200.00 rent 3 mo.

Fred Wilson, 45 King St., Asheville, N. C., Fred Wilson SEAL

Date September 20th I955.

NORTH CAROLINA
MACON COUNTY

RECEIVED
OCT 12 1955

AGREEMENT this agreement made and entered into this the 17th day of July 1954 by and between Charlie Bryson and wife Stella Bryson parties of the first part and Fred Wilson party of the second part.

WITNESSETH that on the payment of $1.00 one dollar to the parties of the first part by the party of the second part receipt hereby acknowledged, and other valuable considerations as hereinafter contained on the part of the party of the second part to be performed, the parties of the first part heirs or assigns hereby leases to the party of the second part heirs or assigns for a period of (5) five years from the above date all of their lands on the Rocky Face Mt., owned by them in whole or part descriptions as registered in Book #M-5 Big X 5 page 325 Page 557 the use of such land for the purpose of ingress and egress, right of ways for the mining of Mica and other minerals on the Rocky Face Mt., the right to dump muck mine tailings rocks, minerals, mica, that may be shot blasted fall roll or slide from adjoining lands, and the right to pick up and remove such minerals, the right to move and set machinery and equipment and to run pipe lines for the working of any mine or mines on adjoining lands on the Rocky Face Mt., and to remove such machinery and equipment within 60 days after the expiration of this lease, this lease is for five years.

THAT the party of the second part heirs or assigns shall pay to the party of the first part heirs or assigns $25.00 30 days from the above date, and every 30 days as long as mines are being worked or this lease being held by the party of the second part heirs or assigns.

IN WITNESS WHEREOF the parties hereof have set their hands and seals this the 17th day of July 1954.

Charlie Bryson (SEAL)
Charlie Bryson

Stella Bryson (SEAL)
Stella Bryson

Fred Wilson (SEAL)
Fred Wilson

I a Notary Public for Jackson County North Carolina, hereby certify that personally appeared before me Charlie Bryson, Stella Bryson, and Fred Wilson and acknowledged their signature to this instrument for the purpose therein expressed. Witness my hand and Notarial Seal this the 17th day of July 1954
My commission expires May 24, 1956

Louise Lennard
Notary Public

NORTH CAROLINA
MACON COUNTY

The foregoing certificate of _____ Notary Public of Jackson County North Carolina, and attested by his notarial seal and adjudged to be correct. Therefore let the instrument with the certificate be registered.
Witness my hand and official seal this the _____ day of _____ 1954.

_____
Clerk of the Superior Court

NORTH CAROLINA
MACON COUNTY

Filed for registration on the _____ day of July 1954 at _____ O'clock _____ and registered and verified in the office of the Register of Deeds for Macon County N. C., in Book of Deeds M-6 page 484 this _____ day of July 1954.

_____
Register of Deeds for
Macon County, N. C.,

this dumping agreement covers all of the Mines on the Mountain

NORTH CAROLINA
MACON COUNTY

MINING LEASE

THIS LEASE, made and entered into this 14 day of August 1954, by and between GRACE O'MOHUNDRO, hereinafter called party of the first part; and FRED WILSON, hereinafter called party of the second part;

WITNESSETH

That subject to the terms and conditions hereinafter set forth the said party of the first part has let and leased unto the party of the second part, and its assigns, the exclusive right and privilege to mine, dig and to remove all minerals now in, under or upon a certain tract or parcel of land lying and being in Macon County, North Carolina, and more particularly described as follows:

Being the mineral interest in and to a certain tract of land described in the deed from Gay Green to D.F. Worley, dated July 24, 1942, and recorded in Book H-5, page 327, records of deeds for Macon County, N. C. Reference is hereby made to the above deed and the recording thereof for a more full and complete description of the land the subject of this lease. Said lands include those mines commonly refered to as the Rocky Face, Houston, Littlefield, Rattle Snake, Wataga Cliff, Tom Scott, and all known mines and mines that may be found on approximately 900 acres of land.

THE TERMS AND CONDITIONS OF THIS LEASE ARE AS FOLLOWS:

I. Unless sooner terminated as herein provided, this lease shall exist and continue for a period of Five Years, with the further right to renew for an additional like term.

2. As rental or royalty, the party of the second part or its assigns shall pay to the party of the first part or her legal representative a sum equal to twelve and one-half per cent (12½%) of all sheet or pattern mica, ($1.00) per ton for scrap mica, ten percent on punch or circle mica, and fifty (50) cents per ton for all feldspar, In the event the party of the second part or its assigns shall, in the course of conducting mining operations upon said property, encounter any other metals or minerals not specifically set forth herein in merchantable quantities, said party of the second part or its assigns shall recover same, use their best efforts to obtain a market therefor and pay the party of the first part a royalty equal to that prevailing in the community for metals or minerals of like character.

3. That all royalties shall be paid between the first and tenth of each calander month following production, sale and receipt of the sale price thereof.

4. Party of the second part or its assigns shall keep a correct and itemized record of all operations upon the premises, including transactions relating to the sale of minerals from the premises, said records to be open to the inspection of the party of the first part at any time.

5. The party of the second will commence operations upon the premises within ninety(90) working days from the date of this lease, and shall not cease operations at any time for a period exceding (90) working days; from failure to comply with these provisions shall cause the lease to become null and void without furthur action on the part of party of the first part.

So long as this lease remain in force the party of the second part or its assigns in connection therewith shall have and enjoy the following rights and privileges:

(a) The right to use the surface of said lands to the full extent that such use is resonable, convinent or necessary in mining and removing the minerals from said lands and to use any portion of said surface for the purpose of dumping mine refuse and tailings as may be reasonable, necessary convenient. In this connection, however, the party of the second part agrees that no unnecessary damage shall be done to the property in the process of conducting mining operations thereon.

(b) The right to construct and place upon said lands buildings machinery and to remove the same.

(c) The right to cut and use upon said land for the purpose set out any standing timber thereon at the time of such use.

(d) The right to use any water upon said property as in the course of said operations.

(e) The right to construct and maintain roads in such [illegible] party of the second part may deem advisable and complete right of and ogress to and from any portion of said property that the [illegible] the second part, their heirs or assigns, may conduct mining or prospecting.

This application for the
Rocky-Face-Mica Mine

This same lease covers
the Houston & Watauga
and same dumping lease
covers all.

(f) The right of first refusal of any purchase price set upon the mineral interest herein leased, leased by the party of the first part.

IN TESTIMONY WHEREOF, The parties hereof have set their hands and Seals the day and year first above written. And on the payment of one dollar to the party of the first part by the party of the second part receipt of which is hereby acknowledged by the party of the first part.

Grace O'Mohundro SEAL

Party of the first part

_____ SEAL

Party of the second part

NORTH CAROLINA
MACON COUNTY

I, Emile Gibson, Notary Public in and for the above County and State, hereby certify that Grace O'Mohundro, personally appeared before me and acknowledged the due execution of the foregoing instrument for the purpose therein expressed.

Witness my hand and Notarial Seal this the 30th day of August 1954.

My commission expires December 22, 1955

Emile Gibson
Notary Public.

North Carolina
Buncombe County

I, Drama B. Fasano, Notary Public for the above County and State, hereby certify that Fred Wilson, personally appeared before me and acknowledged the due execution of the foregoing instrument for the purpose therein expressed.

Witness my hand and Notarial Seal this the 14th day of August 1954.

My commission expires My Commission Expires Feb. 1, 1956

Drama B. Fasano
Notary Public.

North Carolina
Macon County

The foregoing certificate of Emile Gibson Notary Public. And Drama B. Fasano Buncombe County, [illegible] Notary Public. Attested by their Notarial Seals [illegible]

Let the instrument with the certificates be [illegible].

Witness my hand and Official Seal, this the [illegible]

[illegible]
Clerk [illegible]

Filed for registration on the 12 day of
Oct 1954, at 10:00
o'clock A.M., and registered and verified in the
office of the Register of Deeds for Macon
County in Book 2, Page 470
This 12 day of October
Register of Deeds for Macon County

MF-203
Revised March 24, 1955

For Government's Use Only
EXPLORATION PROJECT CONTRACT
Operator _____
Docket No. DMEA- _____
Contract No. Idm-E _____
Contract Date _____

RECEIVED OCT 12 1955

CONSENT TO LIEN

To the United States of America:

Referring to that certain land in the County of Macon, State of North Carolina, described as follows:1/ Being the land tha Stella Browning Bryson aquired by deed of conveyance by William Browning as registered in Book of Deed #M-5 page #325 And the lease to Fred Wilson as Registered in book of deed #E-6 page #484 for the dumping of muck mine tailings from the adjoining lands where Grace Omohundro owns the mineral interest. setting of machinery and removing same running pipe lines, ingress and egress to and from the land joining the late William Browning land. this lease is for five (5) years from the date July the I7th I954. on all of the land they own on the Rocky Face Mt., in whole, and part interest. Book 75 Page 557

which is the subject of a proposed exploration project contract, hereinafter called the "contract," with the United States of America, hereinafter called the "Government;" in consideration of the contract and as an inducement to the Government to enter into it, the undersigned hereby--

1. Undertakes and agrees that property in which the Government may acquire an interest or equity under the contract may be dismantled, severed from the land, and removed, as may be provided in the contract; and the Government's interest and equity in such property shall be prior and superior to any adverse right or claim of the undersigned;

2. Grants to the Government a lien upon all of the undersigned's right, title, and interest in the land and upon any production of minerals therefrom to secure the payment to the Government of a percentage royalty on production as may be provided for by the contract;2/ and represents and undertakes that there are no claims, liens, or encumbrances upon the undersigned's right, title, or interest in the land prior to that hereby granted to the Government other than the following:3/

_____

_____

3. Undertakes and agrees neither to commit any act nor assert any claim in conflict with the provisions of this Consent to Lien; and to give advance notice of the Government's rights under this Consent to Lien to any subsequent transferee, mortgagee, encumbrancer, or lessee of any of the undersigned's right, title, or interest in the land; and

---

1/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease [or contract, deed, or other document] dated _____, and recorded in book _____ page _____ official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.

2/ Mining or production from the land is not required, and in the absence of production there is no obligation to repay the Government.

3/ Write "none" if that is the case. Do not leave lines blank.

4. Consents to all amendments and assignments of the contract without notice thereof, and agrees that this Consent to Lien shall extend and apply thereto.

5. Added provision: _____

_____

_____

_____

_____

_____

_____

_____

Dated this 20th day of September, 1955

Charles Bryson [Seal]

Stella Bryson [Seal]

_____ [Seal]

I, _____ certify that I am the _____ _____ (Secretary, etc.) of the corporation named herein; that _____ _____ who signed this agreement was then _____ (President or Vice-President, etc.) of said corporation; that said agreement was duly signed for and in behalf of said corporation by authority of its governing body, and was within the scope of its corporate powers.

_____

[Corporate Seal]

MF-203
Revised March 24, 1955

RECEIVED
OCT 12 1955

For Government's Use Only
EXPLORATION PROJECT CONTRACT
Operator_____
Docket No. DMEA-_____
Contract No. Idm-E_____
Contract Date_____

CONSENT TO LIEN

To the United States of America:

Referring to that certain land in the County of Macon, State of North Carolina, described as follows:1/ Being the land that Stella Browning bryson aquired by deed of conveyance by William Browning as registered in book of deed #M-3 page #325 And the lease to Fred Wilson as registered in book of deed #E6 page #484 for the dumping of muck mine tailings from the adjoing lands where Grace Omohundro owns the mineral interest. setting of machinery and removing same, running pipe lines, ingress and egress to and from the land joining the late William Browning land. this lease is for five (5) years from the date July the 17th 1954. and all of the land they own on the Rocky Face Mt., in whole, and part interest. Book X5 Page 557

which is the subject of a proposed exploration project contract, hereinafter called the "contract," with the United States of America, hereinafter called the "Government;" in consideration of the contract and as an inducement to the Government to enter into it, the undersigned hereby--

1. Undertakes and agrees that property in which the Government may acquire an interest or equity under the contract may be dismantled, severed from the land, and removed, as may be provided in the contract; and the Government's interest and equity in such property shall be prior and superior to any adverse right or claim of the undersigned;

2. Grants to the Government a lien upon all of the undersigned's right, title, and interest in the land and upon any production of minerals therefrom to secure the payment to the Government of a percentage royalty on production as may be provided for by the contract;2/ and represents and undertakes that there are no claims, liens, or encumbrances upon the undersigned's right, title, or interest in the land prior to that hereby granted to the Government other than the following:3/

_____

_____

3. Undertakes and agrees neither to commit any act nor assert any claim in conflict with the provisions of this Consent to Lien; and to give advance notice of the Government's rights under this Consent to Lien to any subsequent transferee, mortgagee, encumbrancer, or lessee of any of the undersigned's right, title, or interest in the land; and

1/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease [or contract, deed, or other document] dated _____, and recorded in book _____ page _____ official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.

2/ Mining or production from the land is not required, and in the absence of production there is no obligation to repay the Government.

3/ Write "none" if that is the case. Do not leave lines blank.

4. Consents to all amendments and assignments of the contract without notice thereof, and agrees that this Consent to Lien shall extend and apply thereto.

5. Added provision: _____

_____

_____

_____

_____

_____

_____

_____

Dated this 20th day of September, 1953

Charlie Burson [Seal]

Stella Burson [Seal]

_____ [Seal]

I, _____ certify that I am the _____ _____ (Secretary, etc.) of the corporation named herein; that _____ _____ who signed this agreement was then _____ (President or Vice-President, etc.) of said corporation; that said agreement was duly signed for and in behalf of said corporation by authority of its governing body, and was within the scope of its corporate powers.

_____

[Corporate Seal]

MF-203
Revised March 24, 1955

RECEIVED
OCT 12 1955

For Government's Use Only
EXPLORATION PROJECT CONTRACT
Operator_____
Docket No. DMEA-_____
Contract No. Idm-E_____
Contract Date_____

CONSENT TO LIEN

To the United States of America:

Referring to that certain land in the County of Macon, State of North Carolina, described as follows:1/ Being the land that Stella Browning Bryson aquired by deed of conveyance by William Browning as Registered in book of deed #M-5 page #325 And the lease to Fred Wilson as registered in book of deeds #E6 page #484 for the dumping of muck mine tailings from the adjoining lands where Grace Omohundro owns the mineral interest. setting of machinery and removing same, running pipe lines, ingress and egress to and from the land joining the late William Browning land. this lease is for five (5) years from the date July the I7th I954 on all of the land they own on the Rocky Face Mt., in whole and part interest. Book 45 Page 557

which is the subject of a proposed exploration project contract, hereinafter called the "contract," with the United States of America, hereinafter called the "Government;" in consideration of the contract and as an inducement to the Government to enter into it, the undersigned hereby--

1. Undertakes and agrees that property in which the Government may acquire an interest or equity under the contract may be dismantled, severed from the land, and removed, as may be provided in the contract; and the Government's interest and equity in such property shall be prior and superior to any adverse right or claim of the undersigned;

2. Grants to the Government a lien upon all of the undersigned's right, title, and interest in the land and upon any production of minerals therefrom to secure the payment to the Government of a percentage royalty on production as may be provided for by the contract;2/ and represents and undertakes that there are no claims, liens, or encumbrances upon the undersigned's right, title, or interest in the land prior to that hereby granted to the Government other than the following:3/

_____

_____

3. Undertakes and agrees neither to commit any act nor assert any claim in conflict with the provisions of this Consent to Lien; and to give advance notice of the Government's rights under this Consent to Lien to any subsequent transferee, mortgagee, encumbrancer, or lessee of any of the undersigned's right, title, or interest in the land; and

1/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease [or contract, deed, or other document] dated _____, and recorded in book _____ page _____ official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.

2/ Mining or production from the land is not required, and in the absence of production there is no obligation to repay the Government.

3/ Write "none" if that is the case. Do not leave lines blank.

M

4. Consents to all amendments and assignments of the contract without notice thereof, and agrees that this Consent to Lien shall extend and apply thereto.

5. Added provision: _____

Dated this 20th day of September, 1955

Charlie Bergman [Seal]

Stella Bergman [Seal]

_____ [Seal]

I, _____ certify that I am the _____ (Secretary, etc.) of the corporation named herein; that _____ who signed this agreement was then _____ (President or Vice-President, etc.) of said corporation; that said agreement was duly signed for and in behalf of said corporation by authority of its governing body, and was within the scope of its corporate powers.

_____

[Corporate Seal]

MF-203
Revised March 24, 1955

For Government's Use Only
EXPLORATION PROJECT CONTRACT
Operator
Docket No. DMEA-
Contract No. Idm-E
Contract Date

RECEIVED OCT 12 1955

CONSENT TO LIEN

To the United States of America:

Referring to that certain land in the County of Macon, State of North Carolina, described as follows:1/ Being the land that Stella Browning Bryson aquired by deed of conveyance by William Browning as registered in book of deeds no M-5 page 325 And the lease to Fred Wilson as registered in book of deeds #E-6 page #484 for the dumping of muck mine tailings from the adjoining lands where Grace Omohundro owns the mineral interest. setting of machinery and removing same, running pipe lines, ingress and egress to and from the land joining the late William Browning land. this lease is for five (5) years from the date July I7th I954. on all of the land they own on the Rocky Face Mt., in whole and part interest. Book 25 Pg 557

which is the subject of a proposed exploration project contract, hereinafter called the "contract," with the United States of America, hereinafter called the "Government," in consideration of the contract and as an inducement to the Government to enter into it, the undersigned hereby--

1. Undertakes and agrees that property in which the Government may acquire an interest or equity under the contract may be dismantled, severed from the land, and removed, as may be provided in the contract; and the Government's interest and equity in such property shall be prior and superior to any adverse right or claim of the undersigned;

2. Grants to the Government a lien upon all of the undersigned's right, title, and interest in the land and upon any production of minerals therefrom to secure the payment to the Government of a percentage royalty on production as may be provided for by the contract;2/ and represents and undertakes that there are no claims, liens, or encumbrances upon the undersigned's right, title, or interest in the land prior to that hereby granted to the Government other than the following:3/

3. Undertakes and agrees neither to commit any act nor assert any claim in conflict with the provisions of this Consent to Lien; and to give advance notice of the Government's rights under this Consent to Lien to any subsequent transferee, mortgagee, encumbrancer, or lessee of any of the undersigned's right, title, or interest in the land; and

1/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease [or contract, deed, or other document] dated _____, and recorded in book _____ page _____ official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.

2/ Mining or production from the land is not required, and in the absence of production there is no obligation to repay the Government.

3/ Write "none" if that is the case. Do not leave lines blank.

4. Consents to all amendments and assignments of the contract without notice thereof, and agrees that this Consent to Lien shall extend and apply thereto.

5. Added provision: _____

Dated this 2nd day of September, 1955.

Charlie Berryman [Seal]

Stella Berryman [Seal]

_____ [Seal]

I, _____ certify that I am the _____ (Secretary, etc.) of the corporation named herein; that _____ who signed this agreement was then _____ (President or Vice-President, etc.) of said corporation; that said agreement was duly signed for and in behalf of said corporation by authority of its governing body, and was within the scope of its corporate powers.

_____

[Corporate Seal]

MF-203
Revised March 24, 1955

RECEIVED OCT 12 1955

For Government's Use Only
EXPLORATION PROJECT CONTRACT
Operator_____
Docket No. DMEA-_____
Contract No. Idm-E_____
Contract Date_____

CONSENT TO LIEN

To the United States of America:

Referring to that certain land in the County of Macon, State of North Carolina, described as follows:1/ Being the land that Stella Browning Bryson aquired by deed of conveyance by William Browning as registered in book of deeds no M-5 page 325 And the lease to Fred Wilson as registered in book of deeds #E-6 page #484 for the dumping of muck mine tailings from the adjoining lands where Grace Omohundro owns the mineral interest. setting of machinery and removing same, running pipe lines, ingress and egress to and from the land joining the late William Browning land. this lease is for five (5) years from the date July I7th I954. on all of the land they own on the Rocky Face Mt., in whole, or part interest. Book 15 Page 557

which is the subject of a proposed exploration project contract, hereinafter called the "contract," with the United States of America, hereinafter called the "Government;" in consideration of the contract and as an inducement to the Government to enter into it, the undersigned hereby--

1. Undertakes and agrees that property in which the Government may acquire an interest or equity under the contract may be dismantled, severed from the land, and removed, as may be provided in the contract; and the Government's interest and equity in such property shall be prior and superior to any adverse right or claim of the undersigned;

2. Grants to the Government a lien upon all of the undersigned's right, title, and interest in the land and upon any production of minerals therefrom to secure the payment to the Government of a percentage royalty on production as may be provided for by the contract;2/ and represents and undertakes that there are no claims, liens, or encumbrances upon the undersigned's right, title, or interest in the land prior to that hereby granted to the Government other than the following:3/

_____

_____

3. Undertakes and agrees neither to commit any act nor assert any claim in conflict with the provisions of this Consent to Lien; and to give advance notice of the Government's rights under this Consent to Lien to any subsequent transferee, mortgagee, encumbrancer, or lessee of any of the undersigned's right, title, or interest in the land; and

1/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease [or contract, deed, or other document] dated _____, and recorded in book _____ page _____ official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.

2/ Mining or production from the land is not required, and in the absence of production there is no obligation to repay the Government.

3/ Write "none" if that is the case. Do not leave lines blank.

4. Consents to all amendments and assignments of the contract without notice thereof, and agrees that this Consent to Lien shall extend and apply thereto.

5. Added provision: _____

_____

_____

_____

_____

_____

_____

_____

Dated this 20th day of September, 1955.

Leslie Bergman [Seal]

Stella Bergman [Seal]

_____ [Seal]

I, _____ certify that I am the _____ _____ (Secretary, etc.) of the corporation named herein; that _____ _____ who signed this agreement was then _____ (President or Vice-President, etc.) of said corporation; that said agreement was duly signed for and in behalf of said corporation by authority of its governing body, and was within the scope of its corporate powers.

_____

[Corporate Seal]

MF-203
Revised March 24, 1955

For Government's Use Only
EXPLORATION PROJECT CONTRACT
Operator _____
Docket No. DMEA-_____
Contract No. Idm-E_____
Contract Date_____

CONSENT TO LIEN

To the United States of America:

Referring to that certain land in the County of _____, State of North Carolina, described as follows:1/ [illegible] Book of Deed M-5 page 325 [illegible] in book of deed M-6 page 484 [illegible] from the djoining lands where Grace Chohundro [illegible] the minor l int[illegible] setting of machinery nd removing same running [illegible] lines, ingress nd egress to nd from the land joining the late William Browning l nd. This lease is for five (5) years from the date July the 17th 195[illegible] [illegible] the land they own on the Rocky Face [illegible]t., in whole, [illegible] interest. Book Page 1,557

which is the subject of a proposed exploration project contract, hereinafter called the "contract," with the United States of America, hereinafter called the "Government;" in consideration of the contract and as an inducement to the Government to enter into it, the undersigned hereby—

1. Undertakes and agrees that property in which the Government may acquire an interest or equity under the contract may be dismantled, severed from the land, and removed, as may be provided in the contract; and the Government's interest and equity in such property shall be prior and superior to any adverse right or claim of the undersigned;

2. Grants to the Government a lien upon all of the undersigned's right, title, and interest in the land and upon any production of minerals therefrom to secure the payment to the Government of a percentage royalty on production as may be provided for by the contract;2/ and represents and undertakes that there are no claims, liens, or encumbrances upon the undersigned's right, title, or interest in the land prior to that hereby granted to the Government, except the following:3/

_____

_____

3. Undertakes and agrees neither to commit any act nor assent [illegible] with the provisions of this Consent to Lien; and to give advance notice of the [illegible] under this Consent to Lien to any subsequent transferee, mortgagee, [illegible] of the undersigned's right, title, or interest in the land; and

1/ Either (a) insert the legal description of the land, or (b) strike out the words [illegible] and insert "in a lease [or contract, deed, or other document] dated _____ and recorded in book _____ page _____ official records of said county." [illegible] used, the book and page of recordation cannot be dispensed with. If the [illegible] ficient, use an Annex, and refer to the Annex in the space.

2/ Mining or production from the land is not required, and in the absence [illegible] obligation to repay the Gover[illegible]

3/ Write "none" if that is the [illegible] Do not leave lines blank

[illegible] to all amendments and assignments of the contract without [illegible] [illegible] Consent to Lien shall extend and apply thereto.

Added provision: _____

_____

_____

_____

_____

_____

_____

_____

Dated this 20th day of September, 1955

Charles Bryson [Seal]

Stella Bryson [Seal]

_____ [Seal]

I, _____ certify that I am the _____ _____ (Secretary, etc.) of the corporation named herein; that _____ _____ who signed this agreement was then _____ (President or Vice-President, etc.) of said corporation; that said agreement was duly signed for and in behalf of said corporation by authority of its governing body, and was within the scope of its corporate powers.

_____

[Corporate Seal]