4527

Nov. 5-1957

Phone call from a Mr. Linton today. I explained our procedure. Applicant is anxious to have a report.

MF-500

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE AUG 8 - 1957

REFERRED TO:
1. ~~Operating Committee~~
2. Mr. Murphy
3. 225
4.

FOR:

..... Action	..... Recommendation
..... Approval	..... Record of .....
..... Comment	..... Referring to .....
..... Conference	..... Reply for signature of .....
..... Consideration	..... Rewriting
..... Filing	..... Signature
..... Instructions	..... Suggestions
..... Investigation	..... Your information
..... Initials	
..... Mailing	
..... Previous correspondence	

REMARKS: To accompany field exam. report on DMEA 4527 Denied 7/30/57

Check (X) before the items needing attention.

ROBERT A. LAURENCE

Initials of sender.

GPO 16—63815-1

DMEA Form 9

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE

DMEA NO. 4527

Application (Denied ✓
(~~Withdrawn~~
(After disposition, delete items not applicable)

Contract (Terminated - not Certified
(Cancelled
(Terminated - Certified
(Royalty Agreement

This is the official contract file containing all official records of the project. The records contained in the files are checked and are arranged in this order:

Left Side

Interim Royalty Audits
Reports of Royalty Review
Certification of Discovery
Certificate of Audit (Final)
Interim Audit(s)
Report of Review
Termination Notice or Agreement
Recision Notice
Assignment of Contract
Contract Amendments (latest on top)
Contract with all exhibits and annexes
✓Owner's Consent to Lien
✓Subordination Agreement
✓Leases and assignments of leases
✓Application and attachments
(3) Envelope for maps

Right Side

Project summary
Work completed analysis
All other material is filed in chronological order with correspondence including the following reports as checked:

Final Field Team Report (Tab)
Operator's Final Report
(2R) Interim Reports
(2R) Operator's monthly reports and all attachments (latest on top)
On-site Exam Report(s) (Tab) ✓
(4) Settlement Sheets

When the volume of records is expected to warrant additional folders, or when convenience of reference warrants separate folders for certain records, they should be set up in this order:

Left Side

Folder No. 2: (In chron. order)
Interim Summary Reports by W. O. Engineers

Right Side

Operator's Semi-Annual Report for Certified Project, Field Team Interim Reports, Operator's Monthly Report with transmittal, narrative, maps, and Field Team review.

Folder No. 3: Maps (Use pocket folder or envelope. Fold maps with title block out and show reference to related document or correspondence.)

Folder No. 4: Settlement Sheets

Folder No. 5: Drill Logs

9771

MF-205
(Combines and supercedes MF-201 and MF-203)
June 1956

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

RECEIVED
JUN 12 1957
D.M.E.A.

CONSENT TO LIEN
and
SUBORDINATION AGREEMENT 1/

To the United States of America:

Referring to that certain land in the County of Huntingdon State of Pennsylvania, described as follows: 2/

A certain tract of land situate in Juniata Township, comprising two hundred and seventy-eight (278) acres with two exceptions, one of twenty-five (25) acres and the other of one (1) acre, all of which is more particularly described on a paper attached hereto and marked Exhibit "1",

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;

3. Subordinates the undersigned's right, title, claim, or interest in or against the land and in any production therefrom to the rights of the Government under the contract with respect to royalty on production and liens to secure same;

4. Represents and undertakes that there is no claim, lien, or encumbrance upon the undersigned's right, title, claim, or interest in or against the land other than the following: (If "none" insert the word "none." Do not leave lines blank.)

None

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

2/ 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.

5. Undertakes and agrees (a) neither to commit any act nor assert any claim in conflict with the provisions of this Agreement; and (b) to give advance notice of the Government's rights under this Agreement to any subsequent transferee, mortgagee, encumbrancer, or lessee of any of the undersigned's right, title, claim, or interest in or against the land, or any production therefrom furnishing the Government with two copies of such notice; and

6. Consents to all amendments (including an agreement of termination) and assignments of the contract without notice thereof, and undertakes and agrees that this Agreement shall extend and apply thereto.

7. Added provision: None (State "None" or "See Annex No.____")

Dated this 25 day of MAY, 1957.

REA → Rita E. Ackerman [Seal] _____ [Address]

TCA → Ted C. Ackerman [Seal] _____ [Address]

_____ [Seal] _____ [Address]

_____ [Seal] _____ [Address]

_____ [Seal] _____ [Address]

_____ [Seal] _____ [Address]

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]

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DMEA
RECEIVED JUN 12 1957

DATE	INITIALS	CODE

"This Exhibit "1" is to accompany Consent To Lien and Subordination Agreement entered into by Rita Awkerman and husband, relative to the application of Gard W. Stephens and David F. Brown, Docket Number DMEA 4527".

EXHIBIT "1"

ALL that certain tract of land situate in Juniata Township, Huntingdon County, Pennsylvania, bounded on the East by the top of Terrace Mountain on the South by the Raystown Branch and lands of Pennsylvania Edison Company, on the West by heirs of Miles Corbin and on the North by the Juniata River. Containing about two hundred and seventy-eight acres, about one-half thereof being timber land and the other half farm land, having erected thereon a large frame dwelling house.

EXCEPTING and reserving however the property and rights conveyed by William M. Corbin and wife by Deed dated September 8, 1931 and recorded in Deed Book "L", #7, Page 359 to the Penn Central Light & Power Company, now Pennsylvania Electric Company.

AND EXCEPTING also about two acres conveyed by Samuel Paul Rittenhouse, et al, to W. B. Simpson by Deed dated August 18, 1941 and recorded in Deed Book Y, No. 7, Page 554.

BEING the same premises which L. C. Corbin and others conveyed to William M. Corbin and which were conveyed by his heirs to Maria T. Rittenhouse and others (recorded Y-7-553) and same which an undivided one half interest was conveyed by Mabel Lewis and Ray D. Lewis to the grantors herein (and Maria Rittenhouse, wife of Paul Rittenhouse, Sr., since deceased) which deed vested in them the entire fee as by reference to said deed dated May 29, 1944 and recorded in Deed Book E-8-103 will more fully appear.

The above description and recital of title is an extract from the Deed of Samuel Paul Rittenshouse et al, dated December 8, 1953, and

recorded in Huntingdon County Courthouse on December 12, 1953, in Deed Book, Volume 12 at Page 374.

A description of this tract is set forth by metes and bounds as follows:

ALL that certain tract of land situate in the Township of Juniata, County of Huntingdon and State of Pennsylvania beginning at a red oak on the bank of the Raystown Branch of the Juniata River and running thence south two and one half degrees east seventy perches to a white walnut, thence south twenty one degrees east eighty two perches to a chestnut oak near the summit of Terrace Mountain, thence north fifty nine and three fourth degrees east nine and two tenth perches to a chestnut oak, thence north forty two and one fourth degrees east two hundred and thirty perches to stone, thence north seventeen and one half degrees east eight perches to a chestnut oak; thence north fifty two and three fourth degrees west fifty perches to a chestnut oak, thence north twenty one and three fourth degrees west ninety one perches to stones in the southern bank of the Juniata River thence up the said river to post at line of land of David Miles Corbin, thence by said David Miles Corbin south 64 degrees west 13 perches to post thence same north 42 degrees west eight and five tenths perches to chestnut oak, thence north fifty seven degrees west forty two and three tenth perches to stones; and south forty five and one fourth degrees west thirty eight perches to stones; and south forty three degrees east eight and five tenth perches to stones; and south sixty eight degrees east forty one and three tenth perches to stones; and south thirty two degrees east thirteen and five tenth perches to stones; and south six and three fourth degrees east thirty two and six tenth perches to post at band of Raystown Branch of Juniata River; thence up said Branch south thirty seven and one fourth degrees east sixty five perches to a rock and south seven and one half degrees east sixteen and three tenth perches to

stones, and south five and one half degrees west thirty five perches to stones; and south thirty five and one half degrees west thirty eight perches to stones and south fifty six and one fourth degrees west thirty four perches to stones; and thence south sixty three degrees west seven perches to red oak the place of beginning, being the same tract of land which was vested in Abraham Corbin who dying intestate the same descended to his heirs one of whom was William M. Corbin party of the first part hereto and the interest of all the other heirs were conveyed to him, the said William M. Corbin, by Deed of Lewis C. Corbin and wife, David Miles Corbin and wife, James H. Corbin and wife, Margaret Hawn and husband and Wm. Rupert, guardian of Harriet, minor child of A. Lincoln Corbin dated the 18th day of April, 1903 and recorded in Deed Book X, No. 4, Page 200.

THIS AGREEMENT

Made and entered into this 25th day of May, 1957, between Ted C. Awkerman and Rita E. Awkerman, his wife of 47 Marion Avenue, SE Massellon, Ohio, hereinafter called the lessors, and Gard W.Stephens of Huntingdon R.D. #3, Box 28A and David F. Brown of Box 276 , Lloydell Pennsylvania (Cambria County), hereinafter called lesses.

Witnesseth:

Whereas the lessors are already bound by a certain lease entered into with these lessees dated September 1, 1956, and recorded at Huntingdon County Courthouse in Deed Book 50, Page 159 and whereas this previous lease states that the lessees are to have a lease for a period of one year for the purpose and only for the purpose of making tests, drilling, and excavating to determine whether or not there are in existance any minerals of any variety whatsoever suitable for mining and process at a profit; and futhermore, if it is found during the period of one year that there are present any such minerals the lessees shall have the option of excavating a nd mining and precessing the said minerals and conducting the mining operations for a period of twenty years, and whereas because of circumstances concerning the surveys of the tract in question and other necessary procedures causing a delay in the testing of this said tract, the lessors now desire that the lease be amended so as to allow two years for testing instead of one year; Now therefore it mutually agreed in consideration, as follows:

1. That this agrrement shall be considered a supplement and an amendment to the provisions of the previous lease as cited above executed on the first day of September, 1956, between these same parties.

2. That it shall be understood that hereafter Paragraph One of the previous lease shall read as follows:

The lessors hereby lease for the period of two years from Septemberl, 1956, the land which is the subject of the previous lease

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RECEIVED JUL 5
DATE CODE

to the said lessees for the purpose and only the purpose of making tests, drilling and excavating to determine whether or not there are in existance any minerals of any variety whatsoever suitable for mining and process at a profit.

3. It shall be understood that Paragraph 2 of the previous lease shall read as follows:

If it is found during the period of two years that there are present any such minerals, the lessees shall have the option of excavating and mining and processing the said minerals and conducting mining operations for a period of twenty years and for this continued right they the lessees shall pay the lessors at a rate of 12% of the net profit, that is the profit that is left after the costs of operation s each year.

4. It is understood and agreed that Paragraph 3, 4, 5, 6, 7, and 8 and last shall continue to remain in effect and be binding between the parties hereto and their heirs and assigns and that the only amendment in the lease shall be that amendment as cited above and described in Paragraph 2 and 3 of this agreement.

In witness whereof the parties hereto have set their hands and seals this 25 day of May, 1957.

Witness:

s/ Richard W. Linton

s/ Ted C. Awkerman (SEAL)

s/ Rita E. Awkerman (SEAL)

s/ Gard W. Stephens (SEAL)

s/ David F. Brown (SEAL)

200DT Acknowledgment
Henry Hall, Inc., Indiana, Pa.

State of Pennsylvania
County of Huntingdon } *ss.*
On this, the 27th *day of* May *, 19* 57*, before me*

the undersigned officer, personally appeared Gard W. Stephens and David R. Brown

known to me (or satisfactorily proven) to be the person whose name subscribed to the within instrument, and acknowledged that executed the same for the purposes therein contained.
In witness whereof, I hereunto set my hand and official seal.

s/ Ralph J. Cramer (SEAL)
Recorder
Title of Officer.

200DT Acknowledgment
Henry Hall, Inc., Indiana, Pa.

State of Pennsylvania
County of Huntingdon } *ss.*
On this, the 25th *day of* May *, 19*57 *, before me*

the undersigned officer, personally appeared Rita E. Awkerman and Ted C. Awkerman, her husband
known to me (or satisfactorily proven) to be the persons whose name are *subscribed to the within instrument, and acknowledged that* they *executed the same for the purposes therein contained.*
In witness whereof, I hereunto set my hand and official seal.

s/ Harry W. Davis J P (SEAL)
Justice of the Peace
Title of Officer.

200DT Acknowledgment
Henry Hall, Inc., Indiana, Pa.

Recorded May 28, 1957 Ralph J. Cramer, Recorder.

State of
County of } *ss.*
On this, the *day of* *, 19* *, before me*

the undersigned officer, personally appeared

known to me (or satisfactorily proven) to be the person whose name subscribed to the within instrument, and acknowledged that executed the same for the purposes therein contained.
In witness whereof, I hereunto set my hand and official seal.

(SEAL)
Title of Officer.

AGREEMENT

Between Rita E. Awkerman and Ted C. Awkerman, her husband amending and supplementing lease Gard W. Stephens and David F. Brown

May 24, 1957

(Recorded in Huntingdon county on the 28th day of May, 1957, at 11:50 A. M.)

Richard W. Lanion
Attorney-at-Law
Huntingdon, Pa.

RICHARD W. LINTON
ATTORNEY AT LAW
HUNTINGDON, PENNSYLVANIA

RECEIVED
NOV 1 1956
D.M.E.A.

October 30th, 1956

Defense Minerals Exploration Administration,
Department of the Interior,
Washington 25, D. C.

Dear Sir:

Inclosed herewith, in quadruplicate, is submitted for filing, an application for aid in an exploration project, pursuant to DMEA Order 1, under the Defense Production Act of 1950, as amended. This application is being submitted on behalf of Gard W. Stephens, Box 28A, R. D. 3, Huntingdon, Pennsylvania, and David F. Brown, Box 276, Lloydell, Pennsylvania, both of whom I represent. You are invited to contact this office by mail or phone (Huntingdon 1839) in the processing of this application, should you deem it to be in order to do so. The applicants trust that very prompt attention be given this matter, as for them time is of the essence. An acknowledgment of this application will be appreciated.

Very respectfully yours,

Richard W. Linton

Richard W. Linton

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

RECEIVED NOV 1 1956 D.M.E.A.

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. 4527
Metal or Mineral Thorium, Uranium, Copper
Date Received 11-1-56
Estimated Cost $18,889.35
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: Gard W. Stephens, Box 28A, R. D. 3, Huntingdon, Pennsylvania
David F. Brown, Box 276, Lloydell, Pennsylvania
A Partnership.

(*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. The names and addresses of all partners are set forth above.

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 See Exhibit "A", attached hereto and made a part hereof.

(*b*) State any mine name by which the property is known. None

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

(*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. See Exhibit "B"

(*e*) If you own the land, describe any liens or encumbrances on it Not applicable.

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice. Not applicable.

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. No mining or exploration operations.

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

(*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. See Exhibit "C".

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

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

16—66551-1

5. *The exploration project.*—(*a*) State the mineral or minerals for which you wish to explore Thorium, Uranium, Malachite, Azurite, and 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. See Exhibit "E".

(*c*) The work will start within 21 days and be completed within 12 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. See Exhibit "F".

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: See Exhibit "G"

(*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)? See Exhibit "H"

(*b*) How do you propose to furnish your share of the costs? See Exhibit "H".

☐ Money ☐ Use of equipment owned by you ☒ Other

Explain in detail on acompanying paper.

CERTIFICATION

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

Dated October 29, 1956

Gard W. Stephens
(Applicant)

David F. Brown
(Applicant)

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
NOV 1 1956
D.M.E.A.

EXHIBIT "A"

To accompany application of
Gard W. Stephens of Smithfield
Township, Huntingdon County,
Pennsylvania and David F. Brown,
Lloydell, Pennsylvania.

Reference Paragraph 3A

ALL that certain tract of land situate in Juniata Township Huntingdon County, Pennsylvania, bounded on the East by the top of Terrace Mountain on the South by the Raystown Branch and lands of Pennsylvania Edison Company, on the West by heirs of Miles Corbin and on the North by the Juniata River. Containing about two hundred and seventy-eight acres, about one-half thereof being timber land and the other half farm land, having erected thereon a large frame dwelling house.

EXCEPTING and reserving however the property and rights conveyed by William M. Corbin and wife by deed dated September 8, 1931 and recorded in deed book "L", #7, page 359 to the Penn Central Light & Power Company, now Pennsylvania Electric Company.

AND EXCEPTING also about two acres conveyed by Samuel Paul Rittenhouse, et al, to W. B. Simpson by deed dated August 18, 1941 and recorded in Deed Book Y, No. 7, Page 554.

BEING the same premises which Samuel Paul Rittenhouse, single, et al., by his deed dated December 8, 1953, and recorded in Deed Book Volume 12 at Page 374, at the Huntingdon County Courthouse, granted and conveyed to Mrs. Rita E. Awkerman, the present owner by this above cited last deed of record.

The two hundred and seventy-eight acre tract referred to above is described in a deed from William M. Corbin and wife, to the Penn Central Light & Power Company, recorded in Deed Book L7 at Page 358. The interest of the Penn Central Light and Power Company by virtue of this Deed which is now held by the successor Pennsylvania Electric Company is described in the description of this deed as follows:

Gard W. Stephens of Smithfield
Township, Huntingdon County,
Pennsylvania and David F. Brown,
Lloydell, Pennsylvania.

SO MUCH of that certain tract of land belonging to the parties of the first part situate in Juniata Township, Huntingdon County, Pennsylvania and more particularly hereinafter described as may be covered by any dam or dams which the party of the second part, its successors and assigns may erect upon the Raystown branch of the Juniata River or that may be covered by the back waters raised to the height of said dam or dams, as well as to the height to which floods may carry the said waters.

With full and free right of access to the said dam or the back waters thereof over any other part of the tract of land hereinafter described, the grantors reserving for themselves, their heirs and assigns also full and free right of access to the said back waters over the said other part of the tract of land hereinafter described.

And also the right to build the said dam or dams, back houses, head and tail races, spillways and other facilities for the generation and distribution of water and electric power on any part of the said tract of land hereafter described that may be deemed the most feasible locations and also the right and privilege to take and construct a way channel or tunnel through the ridge on said tract of land to convey the waters of the Raystown Branch, above said, dam to the side of the said tract bordering upon the Juniata River and also the right there to erect power house, hear race, tail race, power lines and any or all other buildings or erections necessary or convenient for the development of the water power of the said Raystown Branch.

Also twenty five acres of the land on the northern or Juniata River side of the ridge at and adjoining or surrounding the location of the said power house and providing convenient access thereto, it being understood that a survey of said twenty five acres tract shall be made when convenient, upon which the said parties

Gard W. Stephens of Smithfield
Township, Huntingdon County,
Pennsylvania and David F. Brown,
Lloydell, Pennsylvania

covenant to execute a new deed conveying the said twenty five acres with description by courses and distances. The tract of land within the bounds of which are contained the lands above described and conveyed is described as follows: All that certain tract of land situate in the Township of Juniata, County of Huntingdon and State of Pennsylvania beginning at a red oak on the bank of the Raystown Branch of the Juniata River and running thence south two and one half degrees east seventy perches to a white walnut, thence south twenty one degrees east eighty two perches to a chestnut oak near the summit of Terrace Mountain, thence north fifty nine and three fourth degrees east nine and two tenth perches to a chestnut oak, thence north forty two and one fourth degrees east two hundred and thirty perches to stones, thence north seventeen and one half degrees east eight perches to a chestnut oak; thence north fifty two and three fourth degrees west fifty perches to a chestnut oak, thence north twenty one and three fourth degrees west ninety one perches to stones in the southern bank of the Juniata River thence up the said river to post at line of land of David Miles Corbin, thence by said David Miles Corbin south 64 degrees 13 perches to post thence same north 42 degrees west eight and five tenths perches to chestnut oak, thence north fifty seven degrees west forty two and three tenth perches to stones; and south forty five and one fourth degrees west thirty eight perches to stone: and south forty three degrees east eight and five tenth perches to stones; and south sixty eight degrees east forty one and three tenth perches to stones; and south thirty two degrees east thirteen and five tenth perches to stones; and south six and three fourth degrees east thirty two and six tenth perches to post at bank of Raystown Branch of

Juniata River; thence up said Branch south thirty seven and one fourth degrees east sixty five perches to a rock and south seven and one half degrees east sixteen and three tenth perches to stones, and south five and one half degrees west thirty five perches to stones; and south thirty five and one half degrees west thirty eight perches to stones and south fifty six and one fourth degrees west thirty four perches to stones; and thence south sixty three degrees west seven perches to red oak the place of beginning, being the same tract of land which was vested in Abraham Corbin who dying intestate the same descended to his heirs one of whom was William M. Corbin party of the first part hereto and the interest of all the other heirs were conveyed to him, the said William M. Corbin, by deed of Lewis C. Corbin and wife, David Miles Corbin and wife, James H. Corbin and wife, Margaret Hawn and husband and Wm. Rupert, guardian of Harriet, minor child of A. Lincoln Corbin dated the 18th day of April, 1903 and recorded in deed book X, #4, page 200.

And the party of the second part, its successors and assigns may use the construction of said works without further charge, any of the earth, rocks, stone and sand of the ridge on or along which the said works may be built.

The interest acquired by W. B. Simpson by virtue of the deed described above as being recorded in deed book Y7 at page 554 is described more fully by the description in that deed as follows:

ALL that certain parcel or piece of land in the Township of Juniata, County of Huntingdon and State of Pennsylvania,

Gard W. Stephens of Smithfield
Township, Huntingdon County,
Pennsylvania and David F. Brown,
Lloydell, Pennsylvania

beginning at a chestnut oak corner on or near the crest of Terrace Mountain, corner of tract conveyed by John S. Isett to Abraham Corbin in 1868, thence north seventeen and one half degrees east eight perches to stones, thence by land of McNamaras Heirs north fifty two and three-fourths degrees west twenty five perches to a post; thence by land of grantors south seven and one half degrees east thirty five and one half perches to a post and thence north forty two and one half degrees east seventeen and seven tenths (17.7) perches to the place of beginning. Containing two acres more or less.....

Together with the right to make and use a road through the woods from the Corbin Road to the tract hereby conveyed.

The twenty five acres referred to above as belonging to the corporation now called the Pennsylvania Electric Company is situated near the saddle in the mountain range which is situated at the extreme north west of the two hundred and seventy eight acre tract. It is not intended that any of the operations of the partnership will be performed on this twenty five acre tract, which is referred to as twenty eight acres in this particular land. This fact is verified by a letter dated October 22, 1956, from the Pennsylvania Electric Company; a photostat is attached hereto and made a part hereof.

The two acre tract referred to above as being conveyed to W. B. Simpson is situated at the extreme eastern point of the tract and because of its situation any operations of the partnership will not be performed on it.

PENNSYLVANIA ELECTRIC COMPANY

PENELEC

Altoona, Pennsylvania
October 22, 1956

RECEIVED
NOV 1 1956
DMEA

Richard W. Linton, esq.
Attorney at Law
Huntingdon, Pennsylvania

Dear Mr. Linton:

I wish to refer to your letter of September 25 addressed to the Pennsylvania Electric Company, Altoona, and our conference last Friday afternoon with you and Mr. Gard W. Stephens relative to the terms contained in the indenture dated September 8, 1931 between William M. Corbin and Mary, his wife and the Penn Central Light and Power Company of which Company the Pennsylvania Electric Company is the successor, which document is recorded in the Huntingdon County Court House in D Book L-7 at page 358.

This is to advise you as Counsel for Mr. Gard W. Stephens that the Pennsylvania Electric Company will raise no objection if Mr. Stephens drills this 278 plus or minus acres tract to ascertain the existence and extent of mineral deposits. However, we request that Mr. Stephens exclude from drilling the 28 acres mentioned in the above indenture, which acreage is located in the vicinity of the saddle on the western side of the tract - the location being generally known to you, Mr. Stephens and the writer. Should any favorable development occur as the result of the drilling operations and prospecting, you may anticipate that our Company policy on this matter would be further defined, looking forward to a satisfactory arrangement for the extraction by Mr. Gard W. Stephens of any mineral deposits so discovered and found.

I know that you and Mr. Stephens appreciate our Company's interest in this tract as the result of our discussion last Friday and that at this time we are not in a position to consider any release of the conditions outlined in the above indenture. We are naturally anxious to assist Mr. Stephens as much as possible at this time in the investigation which he has under way.

We shall be glad to hear the results of his drilling operations.

Very truly yours,

W. H. Wade
Vice President

EXHIBIT "B" Reference Paragraph 3-d

Gard W. Stephens of Smithfield Township, Huntingdon County, Pennsylvania and David F. Brown, Lloydell, Pennsylvania

RECEIVED NOV 1 1956 D.M.E.A.

THIS AGREEMENT

Made and entered into this first day of September 1956 between Ted C. Awkerman and Rita E. Awkerman his wife, of 47 Marion Avenue SE Massellon, Ohio, hereinafter called the lessors, and Gard W. Stephens of Huntingdon, R. D. #2, Box 28A and David F. Brown, of Box 276, Lloydell, Pennsylvania (Cambria County). hereinafter called the lessees.

Witnesseth:

Whereas, the said Rita Awkerman owns a certain tract of land in Juniata Township, Huntingdon, County, Pennsylvania bounded and described in a certain deed in the chain of title found in DB 12 at page 374 as follows:

ALL that certain tract of land situate in Juniata Township, Huntingdon County, Pennsylvania, bounded on the East by the top of Terrace Mountain on the South by the Raystown Branch and lands of Pennsylvania Edison Company, on the West by heirs of Miles Corbin and on the North by the Juniata River. Containing about two hundred and seventy-eight acres, about one-half thereof being timber land and the other farm land, having erected thereon a large frame dwelling house. Reserving and excepting twenty-five (25) acres and one (1) acres that were sold to Penn Central and W. B. Simpson respectively as recited therein.

Whereas, the said parties hereto are interested and desirous of exploiting the minerals that may be found in the said land area; Now therefore in consideration of the premises, it is mutually agreed as follows.

1. The lessors hereby lease for the period of one year the aforesaid land to the said lessees, in consideration of $1.00, which has been received on the execution of this lease for the

purpose and only for the purpose of making tests, drilling, and excavating to determine whether or not there are in existance any minerals of any variety whatsoever suitable for mining and process at a profit;

2. If it is found during the period of one year that there are present any such minerals, the lessees shall have the option of excavating and mining and processing the said minerals and conducting mining operations, for a period of twenty years, and for this continued right, they the lessees shall pay the lessors at the rate of twelve percent of the net profit, that is, the profit that is left after the costs of operation are paid, each year.

3. The lessees shall make quarterly reports as to the condition of the business. The lessors shall have the right at any time to inspect the books and records of the lessees to ascertain whether the reports as to the condition of the business are correct.

4. If during the year or later the business should prove successful, the lessees shall have the right to assign their rights, subject to the same obligations that are in this lease agreement or sub let all or part of the area to others for the purpose of conducting mining operations as described herein.

5. The mining operations shall be conducted diligently and proper business methods shall be used at all times during the period of this agreement.

6. None of the operations shall interfere with the use of the roads.

7. The lessors shall incur no expense or liability as the result of the operations. They are not partners but are merely the lessors of the real estate.

8. This agreement shall be binding in the parties their heirs and assigns; it shall be legally binding within the laws of Pennsylvania.

In witness whereof, the parties hereto have set their hands and seals this first day of September 1956.

/S/ Ted C. Awkerman
(SEAL)

/S/ Rita E. Awkerman
(SEAL)

/S/ Gard W. Stephens
(SEAL)

/S/ David F. Brown
(SEAL)

STATE OF PENNSYLVANIA
SS:
HUNTINGDON COUNTY

On the first day of September one thousand nine hundred and fifty-six, before the subscriber, A Justice of the Peace in and for the said county, personally came the above named GARD W. STEPHENS and DAVID F. BROWN, who in due form of law acknowledged the foregoing agreement to be their act and deed, and desired that the same might be recorded as such.

Witness my hand and seal the day and year above named.

/S/ Harry W. Davis, J. P. (SEAL)
(My commission expires Jan 2, 1962)

State of Pennsylvania
County of Huntingdon ss:

On the 3rd day of September, 1956, before the subscriber, a Justice of the Peace in and for the said county, personally came the above named Ted C. Awkerman and Rita E. Awkerman, his wife, who in due form of law acknowledted the foregoing agreement to be their act and deed, and desired that the same might be recorded as such.

Witness my hand and seal this day and year above named.

/S/ Harry W. Davis, J. P. (SEAL)
(My commission expires Jan. 2, 1962

EXHIBIT "C"

Reference Paragraph 4-c

Gard W. Stephens of Smithfield
Township, Huntingdon County,
Pennsylvania and David F. Brown,
Lloydell, Pennsylvania

This rough sketch gives an idea as to how the rock strata lays. The general dip of the strata is east, however, the strata showing radioactivity dips east by south. There are four veins or seams showing radioactivity, two very small ones, and two rather large. The large ones will average about fifteen inches in depth. Samples from one of these large veins were submitted to the Atomic Energy Commission. Their report shows the material to contain Malachite, Azurite, Thorium and Uranium. Another sample was submitted to the United States Bureau of Mines at College Park, Maryland. Their report shows the material to contain Malachite, Torbeinite and Uranium, (See letter enclosed). We have also found very encouraging signs of Mica, which leads us to believe this element may be found in this section.

The information given to us by the Atomic Energy Commission and the Bureau of Mines explains our reason for wishing to explore.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
COLLEGE PARK, MARYLAND

August 7, 1956

RECEIVED
NOV 1 1956
D.M.E.A.

Mr. G. W. Stephens
R. D. No. 3
Huntingdon, Pennsylvania

My dear Mr. Stephens:

This is in reply to your letter requesting the examination of samples you sent to this station

Your submittal No. 1 is a micaceous sandstone with some malachite (green copper carbonate), organic matter and lesser amounts of torbernite (hydrous copper uranium phosphate). Sample 2 is a green shale. Our tests detected the presence of radioactivity in the sandstone. The radioactivity is due to uranium in the torbernite and organic matter. No quantitative radiometric tests were made because the radioactivity is not uniformly distributed and hence is not representative of the deposit.

In our opinion, the sandstone possibly may be of commercial value as a source of copper if it occurs in large tonnage and can be economically mined. Although there is insufficient uranium to be of commercial value, it may be a valuable by-product. Enclosed is a partial list of prospective buyers of copper to whom you may care to submit samples for evaluation.

Sincerely yours,

John E. Conley

John E. Conley, acting for
P. M. Ambrose, Superintendent
Eastern Experiment Station

Enclosure - 1

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D.M.

EXHIBIT "D"

Reference Paragraph 4-d

Gard W. Stephens of Smithfield
Township, Huntingdon County,
Pennsylvania and David F. Brown,
Lloydell, Pennsylvania

The location of this project is very easy to work as a fair road runs completely through the area. It is located four miles from the Borough of Huntingdon, in Juniata Township, Huntingdon County, Pennsylvania. It is within two miles of the main east-west line of the Pennsylvania Railroad.

Reference Paragraph 4-e

There is ample manpower available as Huntingdon County is classed as a depressed labor area. Materials, supplies, water and power are easy to obtain.

EXHIBIT "E"

Reference Paragraph 5-b

Gard W. Stephens of Smithfield
Township, Huntingdon County,
Pennsylvania and David F. Brown,
Lloydell, Pennsylvania

The proposed work comprises the drilling of seven holes as indicated on the sketch accompanying Exhibit "C", in answer to point 4-c. Due to the fact that the strata lies east, pitching to a high degree south, the applicants cannot estimate accurately how deep each of the drill holes will have to be. The holes will probably range from forty feet to three hundred or more feet. A two inch core drill will be used. The sketch referred to is not drawn to scale but the holes will be at rather equal intervals within a distance of 2,800 feet, extending over a steep mountain terrain, in an east west direction. The drill holes will be made so that they will extend down to the veins at these intervals in the same manner that they are depicted on the sketch. The location of the largest vein was found and its course and pitch were determined by a scintillation counter.

There are no present mine workings, and the area has never been mined at any prior time.

EXHIBIT "F"

Reference Paragraph 5-d

Gard W. Stephens of Smithfield
Township, Huntingdon County,
Pennsylvania and David F. Brown,
Lloydell, Pennsylvania

Operating experience and background of applicant David F. Brown, the undersigned.

I, David F. Brown, feel qualified to assist in the operation and supervision of this proposed prospecting project. I have had twenty-eight years experience in underground mining, coal mining and hard rock. I am familiar with dewatering mines. I worked for one year on the construction of the Kittaning Tunnel on the Pennsylvania Turnpike. I have had some experience in oil tempering drill bits. I am well versed on mine timbering procedure, from practical experience, I am doing that kind of work, and dewatering work now as an employe of Johnstown Coal and Coke Company, at Beaverdale, Cambria County, Pennsylvania. During the twenty-eight years above referred to, I was employed by Beaver Run Coal Company, and Logan Coal Company, both of Beaverdale, and both of these companies later became a part of my present employer company. In my spare time, especially during my annual vacations, I have been prospecting for uranium, gold, mica, iron, manganese, and lead, in Utah, Colorado, Nevada, California, Canada, Pennsylvania, North Carolina, South Carolina, and Florida, over a period of four years.

David F. Brown

Both Gard W. Stephens and David F. Brown will supervise the operations.

EXHIBIT "F"

Reference Paragraph 5-d

Gard W. Stephens of Smithfield
Township, Huntingdon County,
Pennsylvania and David F. Brown,
Lloydell, Pennsylvania

Operating experience and background of applicant Gard W. Stephens, the undersigned.

I feel qualified to carry out the exploration and supervision of this project. I have been employed as superintendent on the construction of fifteen bridges and have had considerable experience in the building of coffer dams, this work done for various other companies. Have had experience in operating heavy equipment and in coal stripping, this work performed for Clyde G. Thompson, Clearfield, Pennsylvania. During the time spent on these projects, have had experience in core drilling. I also operated a grey iron foundry in Huntingdon Pennsylvania for six years, during which time I kept almost all the production, wage and tax records.

I am now unemployed with the exception of assisting my wife in keeping books for the Kingdom Dress Manufacturing Company at Huntingdon, Pennsylvania.

Gard W Stephens

Both Gard W. Stephens and David F. Brown will supervise the operations.

EXHIBIT "G"

Reference Paragraph 6-a,b,c,d,
e,f,g,and h.

Gard W.Stephens of Smithfield
Township, Huntingdon County,
Pennsylvania and David F. Brown,
Lloydell, Pennsylvania

(a) Independent contracts - None

(b) Labor, Supervision, Consultants -

1 Driller (26 weeks @ $150.00 per wk.)	$3,900.00
1 Driller's Helper (26 weeks @ $75.00 per wk)	1,950.00
2 Laborers (26 weeks @ $1.00 per hour)	2,080.00
	$7,930.00

(c) Operating materials and supplies -

2 water supply tanks	@ $35.00 each -	$70.00
2 shovels	@ 3.75 each -	7.50
2 picks	@ 4.85 each -	9.70
2 axes	@ 5.25 each -	10.50
2 bars	@ 6.00 each -	12.00
1 crosscut saw	@ 8.00 each -	8.00
2 sledge hammers	1 @ 3.65 1 @ 4.60-	8.25
1 hydraulic jack	@ 45.00 each -	45.00
40 ft. tow chain	@ .33 ft.	13.20
Gasoline for drill and utility truck and supervision		550.00
Oil		51.00
		$785.15 TOTAL

(d) Operating Equipment -

	Purchase Price
1 Drill and Accessories (see enclosed itemized list)	$2500.00
1 - 1-1/2 ton Ford truck 1954 model to be used for mounting drill	1000.00
1 - 3/4 ton Ford truck for service work.	1000.00
100 ft. Drill Rod	300.00
Bulldozer for 60 hours @ $10.50 per hour rental fee.	630.00
	$5430.00 TOTAL
	785.15
	6215.15

(e) Rehabilitation and repairs - None

(f) New buildings, improvements, installations -

Tool house, gas and oil storage	$300.00

EXHIBIT "G" (continued)

Reference Paragraph 6-a,b,c,d,
e,f,g, and h.

Gard W. Stephens and
David F. Brown

(g) Miscellaneous -

Analytical work		
16 analysis @ $75.00 each	$1200.00	
Accounting 26 weeks @ $30.00	780.00	
Workmen's compensation	80.00	
Employers' Liability Insurance	120.00	
Payroll taxes	174.20	
License for trucks	90.00	
	$2444.20	TOTAL

(h) Contingencies - $2000.00

This estimate of $2000.00 for contingencies is based on requirements for drilling mud; replacements for drilling machines in normal operation, such as breakdowns. Requirements for additional footage of drill rod, and additional drill bits.

This does not relate to the purchase price for the drill given in above estimate, but unless this drill can be purchased promptly, more money may be needed to purchase a drill.

$18,889.35 GRAND TOTAL

1 - CHICAGO PNEUMATIC DIAMON CORE DRILL - NEW CONDITION	1900.00
1 - FAIRBANKS MORSE PUMP	2450.00
1 - AX WATER SWIVEL	48.00
1 - WOMMER SAFET CLAMP	65.00
1 - HOISTING PLUG -	48.00
1 - AX DIAMOND BIT	115.00
1 AX REAMING SHELL	60.00
1 NX - CASING BIT	180.00
1 LOWERING IRON	25.00
1 - NX REAMING SHELL	60.00
3 NX CONNECTIONS - 18.00	54.00
1 - CROWN BLOCK -	40.00
1 - HOISTING LINE	40.00
1 - NX - A - ROD CONN -	14.00
1 NX - SUB -	27.00
1 NX CORE BARREL -	180.00
1 AX - CORE BARREL	140.00
90 AX DRILL ROD	120.00
40 NX DRILL ROD	80.00
1 THREE LEG TRIPOD	40.00
2 - STARTING BITS	45.00
30 - NX CASING	46.00
~~30 FT~~	
50 FT - HYDRAULIC HOSE	30.00
COST OF COMPLETE OUTFIT —	3928.00
MY COST TO YOU — 2500.00 FOR ALL	3628.00

Walter J. Winner

RECEIVED
NOV 1 1956
D.M.E.A.

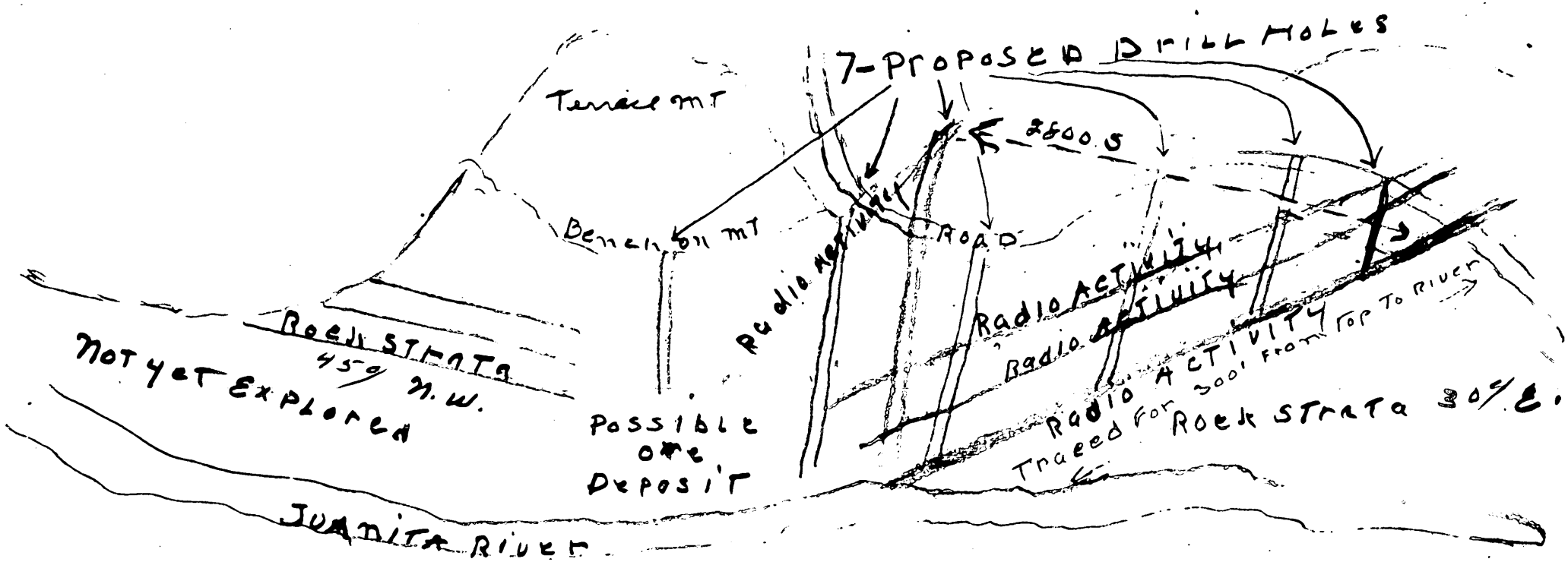
EXHIBIT "H"

Reference Paragraph 7-a and b

Gard W. Stephens of Smithfield
Township, Huntingdon County,
Pennsylvania and David F. Brown,
Lloydell, Pennsylvania

Neither applicant is in a position to make a contribution in cash. However, if 75% of the estimated costs are provided through this application, each applicant is prepared to render the specialized services necessary to perform the proposed work. Each applicant has already spent over two years of his time in doing prospecting work in other areas, and over $1,000.00 has been invested in equipment. In addition to the above described area the applicants have found radioactivity in four other regions in central Pennsylvania.

Furthermore, the applicants as a partnership own a lease hold interest in the land, a copy of which is represented by the lease agreement, attached hereto and made a part hereof, and designated Exhibit B. This lease agreement may be considered as the capital that is owned by the partnership at the present time. The rights and privileges of the applicants to go on this land by virtue of this lease would be available as a contribution toward the success of this project. If the project is succesful, as the applicants bonafide hope that it shall be, the value of this lease as an instrument affording possession could be estimated in dollars and cents that would amount to much more than the total amount suggested as an estimate in this application.


7-Proposed Drill Holes
Terrace mt
2800 S
Benchton mt
Radio Activity
Road
Radio Activity
Radio Activity
Radio Activity
Traced for 3001 from top to River
Rock Strata
45° N.W.
Not yet Explored
Possible Ore Deposit
Rock Strata 60°/E.
Juanita River

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
7/31	Martin	180
8/1	Ellis	700
"	Johnson	110
"	Mittendorf	100
8/1	C	228
		225

AUG - 1 1957

Mr. Richard W. Linton
Attorney at Law
Huntingdon, Pennsylvania

Re: Docket No. DMEA-4527 (Uranium, thorium, copper, mica)
Ackerman Tract
Huntingdon County, Pennsylvania

Dear Mr. Linton:

Your letter of July 23, 1957, to Mr. William Williams, U.S. Geological Survey, has been referred to us for reply as it requests data on a field examination made for Defense Minerals Exploration Administration in connection with the subject application. By this time you should have received a copy of our letter of July 30, 1957, advising Messrs. Card W. Stephens and David F. Brown that their application has been denied.

Information in DMEA Field Team reports is intended only for Government use. In this instance, however, there is no objection to informing you that the assays of the samples taken, from the only showings which seemed to justify sampling, were too low to be of any interest.

Sincerely yours,

C. O. Mittendorf (for)

Administrator

WSMartin/eaf
7/31/57
cc to: Docket
Admr. R. File
Code 400
Code 700
FT REG V(2)
Messrs. THKiilsgaard, USGS
Jack Kratchman, AEC

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
7/26	Murphy	700
"	Ellis	700
7/29	Martin	130
"	Johnson	110
"	Mittendorf	100
		220
		225
7/29	Linck	130
7/29	Kiilsgaard	130

JUL 30 1957

Mr. Gard W. Stephens
Box 28A, R. D. 3
Huntingdon, Pennsylvania
and
Mr. David F. Brown
Box 276
Lloydell, Pennsylvania

Re: Docket No. DMEA-4527 (Uranium, thorium, copper, mica)
Awkerman Tract
Huntingdon County, Pennsylvania

Gentlemen:

Your application for aid in an exploration project and other information available to us in Washington concerning 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, although noting some minor uranium mineralization on your property, indicates that the probability of disclosing significant ore reserves is not sufficiently promising to justify Government participation. We regret to advise you that, under these circumstances, your application for exploration assistance is denied.

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

Sincerely yours,

C. O. Mittendorf (fw)

Administrator

Copies to:
David F. Brown
Richard W. Linton, Attorney

FMMurphy/gla 7-26-57 Code 700, Mr. Murphy
cc to: Admr.'s Reading File
Operating Committee
THKiilsgaard, Rm. 5224
DMEA Field Team, Reg. V(2) Jack Kratchman, AEC

8623

July 26, 1957

Murphy
Ellis

Summary of Proposed Project

Object: Denial of application for exploration aid.

Docket No.: DMEA-4527

Commodity: Uranium-thorium-copper-mica

Amount of application: $18,889.35

Applicant: Gard W. Stephens and David F. Brown
c/o Richard W. Linton, Attorney
324 Penn Street
Huntingdon, Pennsylvania

Property: Lease on Awkerman tract of 276 acres minus a 25-acre tract to which the Pennsylvania Electric Co. holds a deed. The property, located within the Mt. Union Quadrangle, borders the Juanity River and is about 3 miles southeast of the Village of Huntingdon, Huntingdon County, Pennsylvania.

Date of application: October 29, 1956.
NOTE: Considerable correspondence, relating to additional information and the Applicant's ability to provide its share of the cost of the proposed project, was exchanged between DMEA and the Applicant.

Referred to Region V: March 27, 1957
Field Examination made: May 27, 1957
Field Team report received: July 17, 1957
Work Proposed and Costs:

Seven core drill holes ranging from 40 to 300 feet in depth. The work to be done by the Applicant with drill and other equipment to be purchased under the contract.

Supervision and labor	$ 7,930.00
Operating materials and supplies	785.15
Operating equipment	5,430.00
New Buildings	300.00
Miscellaneous	2,444.20
Contingencies	2,000.00
Total	$18,889.35

Excerpts from Field Team report:

The property is on the crest of Terrace Mountain. In general, country rock on the property consists of reddish-brown shale, mudstone, and sandstone of upper Devonian age. Topographic relief in the vicinity of the property may be as much as 1,300 feet.

Three holes have been drilled on the property by the Corps of Engineers, U. S. Army, presumably to test rock strata ~~with~~ for a proposed dam and reservoir. The field examiners checked the collars of the holes with a scintillometer and no radioactivity was evident.

Two small excavations along the eastern slope of the mountain constitute all the exploratory (prospecting) work done by the Applicant. At one location along the road a small pit about 2 feet wide and 3 feet deep shows thin sandstone beds, 2 to 3 inches thick, interbedded with reddish-brown shale. Anomalous radioactivity in the pit was confined to the sandstone lenses. Diligent search, using scintillometers, revealed that the radioactive zone extended 5 to 6 feet along the strike. A sample of the sandstone assayed 0.032 percent eU. No uranium minerals could be seen in the rock at the pit site. It appears that the radioactivity is the result of low-grade uranium concentration by ground water.

The second excavation is in the side of a low cliff along the side of an old woods road. Here, the Applicant has blasted a cut about 20 feet wide, 8 feet high, and about 5 feet deep, exposing, for the most part, brick red, thick bedded, sandstone and shaly sandstone. Anomalous radioactivity noted was restricted to a greenish-gray bleached area in the shaly sandstone which is stained black in places by carbonaceous material. The area which exhibited anomalous radioactivity has a maximum thickness of 2 feet and extends about 8-10 feet laterally before lensing out. This was the only lens noted along the cliff exposure. A sample cut vertically across the face of the "high grade" lens assay 0.062 percent eU.

Copper is present on the property in only trace amounts in the form of blue-green stains on bedding planes. No mica, larger than microscopic flecks was noted anywhere on the property.

The examiners and Field Team recommend that the application be denied, since the small lenses of low-grade uranium-bearing rock exposed are probably the type that occur through the sandstones underlying the property.

Commodity Members' Comments (excerpts):

U. S. Geological Survey, N. E. Nelson, July 19, 1957

Mr. Nelson summarizes the results of the sampling and radioactivity test made by the field examiners. He agrees with their conclusions that a search for better material is not warranted and that the application be denied.

U. S. Bureau of Mines, James Paone, July 23, 1957

Mr. Paone concurs in the Field Team's recommendation that the application should be denied.

Division of Rare and Miscellaneous Metals,
F. M. Murphy, July 26, 1957

The minor uranium mineralization occurring in small sandstone lenses on the property is considered by the examiners to be the result of secondary enrichment by ground water. Judging from their report, there is little chance of finding any deposit of primary or secondary uranium minerals on the property.

Mr. Stephens, Mr. Brown, and Mr. Linton visited the Division's office in March, 1957, and submitted samples of rock which, when tested, showed anomalous radioactivity. It was on the basis of this showing that the Division recommended the subject property be examined.

Conclusions and Recommendations:

This Division agrees with the conclusions of the field examiners and concurs in their recommendation that application DMEA-4527 should be denied.

Ernest Wm. Ellis

Ernest Wm. Ellis, Director
Division of Rare and Misc. Metals

DMEA 4527

RICHARD W. LINTON
ATTORNEY AT LAW
HUNTINGDON
PENNSYLVANIA

July 23, 1957

Mr. William Williams, Geologist
Department of the Interior
Department of Interior Bldg.
Washington, D. C.

Dear Sir:

I was wondering if you have any results of tests of examination of the rock samples which you got on the Awkerman tract in Huntingdon County on May 27. Would you please let me know what your findings were?

Sincerely yours,

Richard W. Linton

Richard W. Linton

RWL:amm
cc: Mr. Gard Stephens
Mr. David Brown

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

OFFICIAL FILE COPY DMEA RECEIVED JUL 24 1957		
DATE	INITIALS	CODE
7/24	C	220
"	FMM	700
Complete		
Memorandum		

Date July 23, 1957

DMEA Docket No. 4527
DMEA Contract No.
Commodity Uranium-thorium
Name of applicant Gard W. Stephens and David F. Brown
Name of property Awkerman Tract
Location of property Huntingdon County, Penna.
Estimated cost of project $18,889.35

To: ~~Ernest William~~ Ellis, DMEA Member
Uranium Commodity Committee

From: James Paone, Bureau of Mines Member JP
Uranium Commodity Committee

Subject: Review of Field Team Report
(Application, Field Team Report, etc.)

1. Date of subject document: 7/15/57. 2. Date received by reviewer: 7/18/57

3. Prior reports on this property known to reviewer: Yes ☐ No ☐

4. Prior reports on nearby properties known to reviewer: Yes ☐ No ☐

5. Information available on past production: Yes ☐ No ☐

6. Other pertinent factors known to reviewer: Yes ☐ No ☐

7. Explain items marked yes above:

8. Factors needing special consideration:
   a. Location ☐
   b. Ownership ☐
   c. Evidence of mineralization ☐
   d. Geology ☐
   e. Proposed exploration method ☐
   f. Alternate exploration method ☐
   g. Costs ☐
   h. ____ ☐

9. Action advised:
   a. Obtain information from applicant ☐
   b. Refer to Field Team ☐
   c. Denial [x]
   d. Agree with Field Team [x]
      i. Consult with Mr. ____ at ____ AEC office.
   e. Disagree with Field Team ☐
   f. Suggest alternate plan ☐
   g. Request another examination ☐
   h. Approval ☐

10. Remarks: (Use back of page if necessary)

IN REPLY REFER TO:

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

OFFICIAL FILE COPY
DMEA
RECEIVED JUL 22 1957

DATE	INITIALS	CODE
7/22	C	220
"	FMM	700

July 19, 1957
Re: DMEA 4527
Gard W. Stephens
Awkerman Tract
Huntingdon Co., Penn.
$18,889.35
Uranium - Thorium

Memorandum

To: E. W. Ellis, Defense Minerals Exploration Administration

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

Subject: Review of Field Team Report

The applicant requested assistance in exploring for uranium, thorium, copper, and mica deposits by core drilling.

At Location 1, the examiners found radioactive material in a lense of altered sandstone not more than 4 inches thick and 5 - 6 feet long, enclosed in relatively barren rock. The most radioactive material found showed a grade of only 0.032% equivalent uranium and 0.0247 U_3O_8.

At Location 3, radioactivity was noted in a greenish-gray bleached shaly sandstone. The radioactive section has a maximum thickness of 2 feet and a length of 8 - 10 feet. The count was 0.42 m R/hr. and the best piece found showed 0.062 e U_3O_8 and, on assay, 0.0649 U_3O_8. The rest of the cliff face of brick-red, thick bedded, sandstone gave an average reading of 0.04 m R/hr.

At Location 2, the rock is thick bedded, reddish brown, shale and shaly sandstone. The count was 0.04 m R/hr. so no sample was cut.

Copper is present on the property only in trace amounts in the form of blue-green oxidized stains on bedding planes. No mica, larger than near microscopic flects was noted anywhere on the property.

In the opinion of the examiners, participation of the Government in a search by drilling for better material is not warranted and they recommend that the application be denied.

I concur with the recommendation.

N. E. Nelson

N. E. Nelson

9-011

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DMEA 4527
STEPHANS & BROWN

Report No. TWO-5592 For W. D. Williams Date July 17, 1957

Job No. 3599 Requested by

Lot No. 5036

Sandstone Samples from Terrace Mountain,
Huntingdon County, Pennsylvania

Sample No.	Lab. No.	% U	% Eq. U	% U_3O_8
[illegible]	251389	.021	.038	0.0247
[illegible]	251390	.055	.062	0.0649

cc sent USGS 8/12/57
[illegible]

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DATE	INITIALS	CODE
8/12	QK	220
	[illegible]	[illegible]

cc: L. Rader

By Analytical Services and Research, Inc. (ASR)
Analysts: [illegible] and R. McNall
Project Leader: [illegible]

Geochemistry and Petrology Branch

bem

* U. S. GOVERNMENT PRINTING OFFICE, [illegible]

9-011

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DMEA 4527
STEPHANS & BROWN

Report No. TWO-5552 For W. P. Williams Date July 17, 1957

Job No. 3399 Requested by

Lot No. 5036

Sandstone Samples from Terrace Mountain,
Huntingdon County, Pennsylvania

Sample No.	Lab. No.	% U	% Eq. U	% U_3O_8
SB-1	151389	.021	.032	0.0247
SB-2	151390	.055	.062	0.0649

EXTRA COPY
DMEA
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DATE	INITIALS	CODE

cc: L. Rader

By Analytical Services and Research, Wash. (NOF)
Analyst: J. Rajinsky and B. McCall
Project Leader: Irving May

Geochemistry and Petrology Branch

bem

☆ U. S. GOVERNMENT PRINTING OFFICE: 1959—531700

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DMEA 4527

Report No. [illegible] For [illegible] Date July 17, 19[illegible]

Job No. 3399 Requested by

Lot No. [illegible]

Sandstone Samples from Terrace Mountain,
Huntingdon County, Pennsylvania

Sample No.	Lab. No.	% [illegible]	% Eq. U	% U_3O_8
SR-1	151589	.052	.052	0.0247
SR-2	151590	.065	.062	0.0649

EXTRA COPY
D M E A
RECEIVED

DATE	INITIALS	CODE

[illegible] Reader

By Analytical Services and Research, Wash. [illegible]
Analyst: J. Budinsky and R. McCall
Project Leader: Irving May

Geochemistry and Petrology Branch

☆ U. S. GOVERNMENT PRINTING OFFICE : 1959—331760

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

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RECEIVED JUL 20 1957

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7-19	C	220
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July 15, 1957

Memorandum

To: Operating Committee, DMEA - Washington

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

Subject: Field Examination Report, DMEA-4527(uranium-thorium)
Gard W. Stephens and David F. Brown
Awkerman Tract, Huntingdon County, Penna.

Enclosed are the original and three copies of the subject report. The report clearly indicates that exploration of this property is not likely to result in a significant discovery, and we agree with the Examiners' recommendation for denial of the application.

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

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

Reviewed by
DMEA OPERATING COMMITTEE
7-19-57
(date)

07-Site Exhibit

Field Team Report on Examination of Property

by

W. P. Williams and H. L. Burmeister [1]

OFFICIAL FILE COPY
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DATE	INITIALS	CODE
		1302
		220

DMEA Docket No. 4527 (uranium, thorium)
Applicant, (a partnership)
Gard W. Stephens, Box 28A, R.D. 3,
Huntingdon, Pa. and
David F. Brown, Box 276, Lloydell, Pa.

INTRODUCTION AND SUMMARY

Gard W. Stephens and David F. Brown, a partnership, Box 28A, R.D. 3, Huntingdon, Pennsylvania, has applied for DMEA assistance, DMEA Docket No. 4527, to explore for uranium, thorium, copper, and mica ore deposits. The property involved consists of a leasehold of 276 acres located on Terrace Mountain about 4 miles south of the town of Huntingdon, Huntingdon County, Pennsylvania.

The applicant's proposed project would consist of core drilling seven holes at a total estimated cost of $18,889.35. The applicants state they were not able to estimate the amount of drilling footage required because of the dip of the strata.

The property was examined on May 27, 1957, by H. L. Burmeister, U. S. Bureau of Mines, and W. P. Williams, U. S. Geological Survey. The examining team was accompanied in the field by Gard W. Stephens and David F. Brown, the applicants and lessees; T. C. Awkerman, property owner and lessor; Mr. Carl Hagberg, engineer, Pennsylvania Electric Company, and R. W. Linton, Attorney for the applicants.

Reviewed by
DMEA OPERATING COMMITTEE
7-19-57
(date)

1/ W. P. Williams, U. S. Geological Survey
H. L. Burmeister, U. S. Bureau of Mines

The Pennsylvania Electric Company has an interest in the Awkerman Tract. This interest is outlined under "Property Rights".

CONCLUSIONS AND RECOMMENDATIONS

Anomalous radioactivity at Location 1 is confined to such a thin sandstone bed that the possibility of ever developing a minable tonnage and grade through exploration work is remote. In addition, poor lateral continuity of the radioactive zone very strongly suggests that the radioactivity would not persist down dip.

Uranium at Location 3 is found in a somewhat discrete lens of altered sandstone that is enclosed by relatively barren rock. It is expected that the lens pinches out in a direction perpendicular to the cliff face just as it does laterally, probably within a distance of about 10 feet.

The "ore" is very low grade. An assay of the most radioactive rock that could be found (Location 3, Fig. 2, picture Location 3) indicated a grade of only 0.062 percent equivalent uranium. The occurrence of what are probably secondary uranium minerals in thick, Paleozoic sediments makes it seem unlikely that high grade, primary uraninite or pitchblende deposits are present.

If there are more of the small pods and lenses of somewhat radioactive rock present on the property, they would be extremely difficult, if not impossible to find by an exploration drilling project. Drill holes would have to be spaced so closely as to be economically infeasible. Wide spaced holes would simply constitute a hit or miss prospecting venture.

If any further work is done on the property, it might consist of stripping overburden from bedrock along strike at Location 1, and of driving

a short adit into the cliff at Location 3. It is not recommended, however, that DMEA participate in the costs involved in such work because the chances are poor that enough ore of a high enough grade would be discovered to make even the most modest type of mining operation possible.

It is recommended that the application be denied on the grounds that a significant discovery would not result, not only from the proposed work, but from any alternative exploration proposal that might be advanced.

NAME AND LOCATION OF PROPERTY

This property is located in Juniata Township, Huntingdon County, Pennsylvania. The Awkerman Tract here concerned is reached from the town of Huntingdon by proceeding southward from the Pennsylvania Railroad depot across the Juniata River to Rt. 322. Follow Rt. 322 eastward to gravel road No. 3109 entering from the south and follow this to the Corbin bridge. Cross the bridge and follow a very steep woods road to the top of Terrace Mountain. (Figs. 1 and 2). The roads leading to the Corbin bridge would be in good condition throughout the year but the woods road is extremely steep and would be impassable during the winter months.

COMPETENCY OF APPLICANT

Mr. David F. Brown is a coal miner and appears to have had no experience in exploration. Mr. Gard W. Stephens states in the application that he has had core drilling experience but this is not reflected in conversation with him.

In the application, the partners stated that they could not contribute 25 percent of the exploration costs in cash. In a letter under date of March 21, 1957 the applicants state that they are now in a position to provide cash for their share of exploration costs.

APPLICANT'S PROPERTY RIGHTS

At the time of examination the applicant held a one year lease from T. C. and Rita Awkerman, expiring Sept. 1, 1957. Subsequent to examination, the applicant has submitted copies of a one year lease extension to Sept. 1, 1958.

The leasehold consists of 276 acres minus a 25 acre tract to which the Pennsylvania Electric Company holds a deed. The Awkermans sold this tract without describing the boundaries. We are advised this was done because the Pennsylvania Electric Company was planning to cross the Awkerman ground with a dam spillway and did not know the exact location at the time of the purchase. It seems probable that the 25 acres can be taken at any time from any portion of the Awkerman property. This is also the opinion of Mr. R. W. Linton, attorney for the applicant.

The Awkerman "Consent to Lien" has been submitted but means little considering that the 25 acre tract can probably be taken from any portion of the 276 acre tract. The entire 276 acre tract is outlined in Figure 2.

GEOLOGY AND ORE DEPOSITS

The applicant's property is located within the Mt. Union quadrangle, which in turn is situated within the Valley and Ridge physiographic

province of the Appalachian Highlands. The Valley and Ridge province is a belt of country 50 to 80 miles wide extending from New York to Alabama in a general direction of about S 40° W. The belt is characterized by broad valleys separated by high ridges trending parallel with the belt. Topographic relief in the vicinity of the property may be as much as 1,300 feet.

The rocks in the entire Valley and Ridge province are limestone, dolomite, conglomerate, sandstone, and shale, which have been greatly disturbed by folding and faulting. All the great ridges in the area are formed of steeply inclined, hard sandstones that have been resistant to weathering.

The applicant's property is on the crest of Terrace Mountain. In general, country rock on the property consists predominantly of red and reddish brown shale, mudstone, and sandstone. The Pennsylvania Geological Survey, Atlas of Pennsylvania No. 96, Tyrone Quadrangle, 1939; and White, I. C. The Geology of Huntingdon County, Second Geological Survey of Pennsylvania, Report of Progress T^3, 1885; assigns such rocks to the Catskill formation of upper Devonian age. Later work: Butts, C., Hollidaysburg-Huntingdon Folio No. 227, U. S. Geological Survey, 1945; relegates these rocks to the Hampshire formation, also of upper Devonian age. The later work indicates that the rocks on the applicant's property are younger than Catskill rocks and should probably more correctly be called Hampshire.

Regardless of exact correlation and terminology, the red beds on the property constitute a formation that is 2,000 - 2,500 feet thick that overlies the Chemung formation, also of upper Devonian age.

The Chemung formation is about 3,000 feet thick and consists of brown, gray and green shale and sandstone, Some Chemung has been exposed low on the flank of Terrace Mountain through erosion by the Raystown Branch of the

Juniata River. For the purpose of this application, however, direct concern is only with the Hampshire formation.

At a point along the woods road, marked, Location 1, Figure 2, the applicant has excavated a small prospect pit about 2 feet wide, 3 feet long, and 3 feet deep, see picture, (Location 1). The prospect pit shows thin-bedded, rusty brown and grayish, shaly sandstone, Thin sandstone beds, 2 to 3 inches thick are interbedded with reddish brown shale. Very sparse, scattered patches of green copper stain may be found on the sandstone bedding planes. At the prospect pit the beds strike N 63° E, and dip 34° SE.

Observation in the prospect pit gave a radiometric reading of 0.30 mr/hr, using a model FV-6S La Roe scintillation detector. Background for the general area, from previous readings, appeared to be about 0.015 mr/hr. A chip sample was taken in the pit by the examining team. The attached picture of Location 1 shows the pit and the place where sample SB-1 was taken. Sample SB-1 assayed 0.032 percent equivalent U.

The anomalous radioactivity appeared to be confined to one or two thin sandstone beds - a total thickness of not more than 4 inches. Diligent search, using scintillometers, revealed that the radioactive zone had a lateral extent along strike at the place of only 5 to 6 feet. Farther away, along strike, the rocks are buried under residuum and soil.

No uranium minerals, either primary or secondary, could be seen in the rock at the site of sample SB-1. The somewhat anomalous radioactivity appears to have resulted from a low grade concentration of uranium salts, probably by ground water. The nature of the occurrence, its lack of lateral continuity, and the thinness of the somewhat radioactive zone make it most unlikely that an ore body of commercial interest is present at the site of sample SB-1.

At Location 2, Fig. 2, the country rocks are exposed in a low cliff along an old woods raod. The rock is thick bedded, reddish brown, shale and shaly sandstone. The beds strike N 63° E and the dip is 16° SE.

A radiometric count of 0.04 mR/hr was obtained at the site. No sample was cut for assay in view of the low scintillation count.

At Location 3, Fig. 2 and picture, the applicant has blasted a small excavation, about 20 feet wide, 8 feet high, and about 5 feet deep, in the side of a low cliff along the side of an old woods road. The exposed rock is, for the most part, brick-red, thick bedded, sandstone and shaly sandstone. The sandstone is well indurated and may be broken with hammer only with difficulty. The beds strike N 67° E and dip 23° SE.

Anomalous radioactivity appears, at Location No. 3, to be restricted to a greenish-gray bleached area in the shaly sandstone. The bleached area is stained black in places by carbonaceous material. The largest area that exhibited anomalous radioactivity was about 2 feet thick at its thickest part and extended about 8-10 feet laterally before lensing out. The lens gave a radiometric count of 0.42 mR/hr. The rest of the red, unaltered cliff face gave an average reading of about 0.04 mR/hr.

The localization on the property of higher radioactivity in lighter colored sandstones associated with bleached siltstone and shale, stained with carbonaceous material, bears some resemblance to the occurrences of uranium minerals under similar conditions in the sandstone of the Morrison formation on the Colorado Plateau. There, however, the bleached mudstones and sandstones, under optimum conditions are scores of feet thick and extend laterally for hundreds of feet along the rim.

The lens described above is the only one noted in the cliff exposure. The total amount of radioactive rock in the lens is probably less than 10 tons. That such lenses are not abundant in the sandstone on the property is evidenced by the fact that although the cliff extends, interruptedly, for a considerable distance along the woods road, at no other place was a similar lens encountered. Seeking for such small, scattered targets by core drilling methods would be a prospecting venture subject to every vagary of chance.

Sample No. SB-2 is a chip sample cut vertically across the face of the "high grade" lens. The attached picture of Location 3 shows the applicant's excavation and the place where the sample was taken. Sample No. SB-2 assayed 0.062 percent equivalent uranium. The application includes a Ledoux & Company assay sheet with a return of 0.33% U_3O_8. The applicant states that this return was on a sample taken at Location 3 but the examiners were not able to determine whether this sample represented a specimen or a cut sample. Subsequent to examination, another Ledoux & Company assay sheet under date of May 28, 1957 was submitted showing a U_3O_8 content of 0.06 percent. The location or nature of this sample was not furnished. To date it has not been possible to get chemical U assay returns on examiners Samples SB-1 and SB-2 but these will be reported when received to complete the record.

Copper is present on the property only in trace amounts in the form of blue-green oxidized stains on bedding planes. No mica, larger than microscopic flecks was noted anywhere on the property.

PREVIOUS EXPLORATION

The two small excavations described above represent all the exploration, rather prospecting, work done by the applicant. The applicant

stated to the examining team that the Corps of Engineers, U. S. Army, had drilled three holes on the property. The purpose of the holes was, reportedly, to test the rock strata with regard to the proposed dam and reservoir that had been contemplated by the Pennsylvania Electric Company. The applicant had no information about the holes and only knew the locations of two of them. Logs of the holes are reported to be on file with the State of Pennsylvania. Measurement at the collars of two of the holes with scintillometer did not give a radiometric count above background for the region. There remained no bit cuttings or sludge at the hole sites from which samples might have been taken. There was no casing, or even standpipe, left in the holes; and the holes appeared to be caved and/or partially filled with surface wash. There has been no other exploration work on the property.

ORE RESERVES

There are no ore reserves worthy of exploitation in sight on the property at this time. At Location 1, Fig. 2, only a few tens of pounds of radioactive rock can be estimated, at a grade of 0.032 percent eU. At Location 3, possibly as much as 10 tons of rock are now in sight at a grade of 0.062 percent eU. No mining, as such, has ever been done on the property.

AVAILABILITY OF MANPOWER, SUPPLIES, ETC.

Manpower and normal supplies would be easily available in nearby Huntingdon. Electric power lines do not cross the property but power could be obtained within one half mile of the property.

Water would have to be pumped from the river to the top of Terrace Mountain where the prospects are located.

STATEMENT OF APPLICANT'S PROPOSAL

The applicant proposed to drill 7 vertical 2 inch diameter core drill holes to depths ranging from 40 feet to 300 feet each. The total footage was not expressed. Drill hole collars were to be on a line normal to the strike and to intercept the strata exposed at Location 1, down dip from the small pit shown as Location 1 on picture and on Fig. 2.

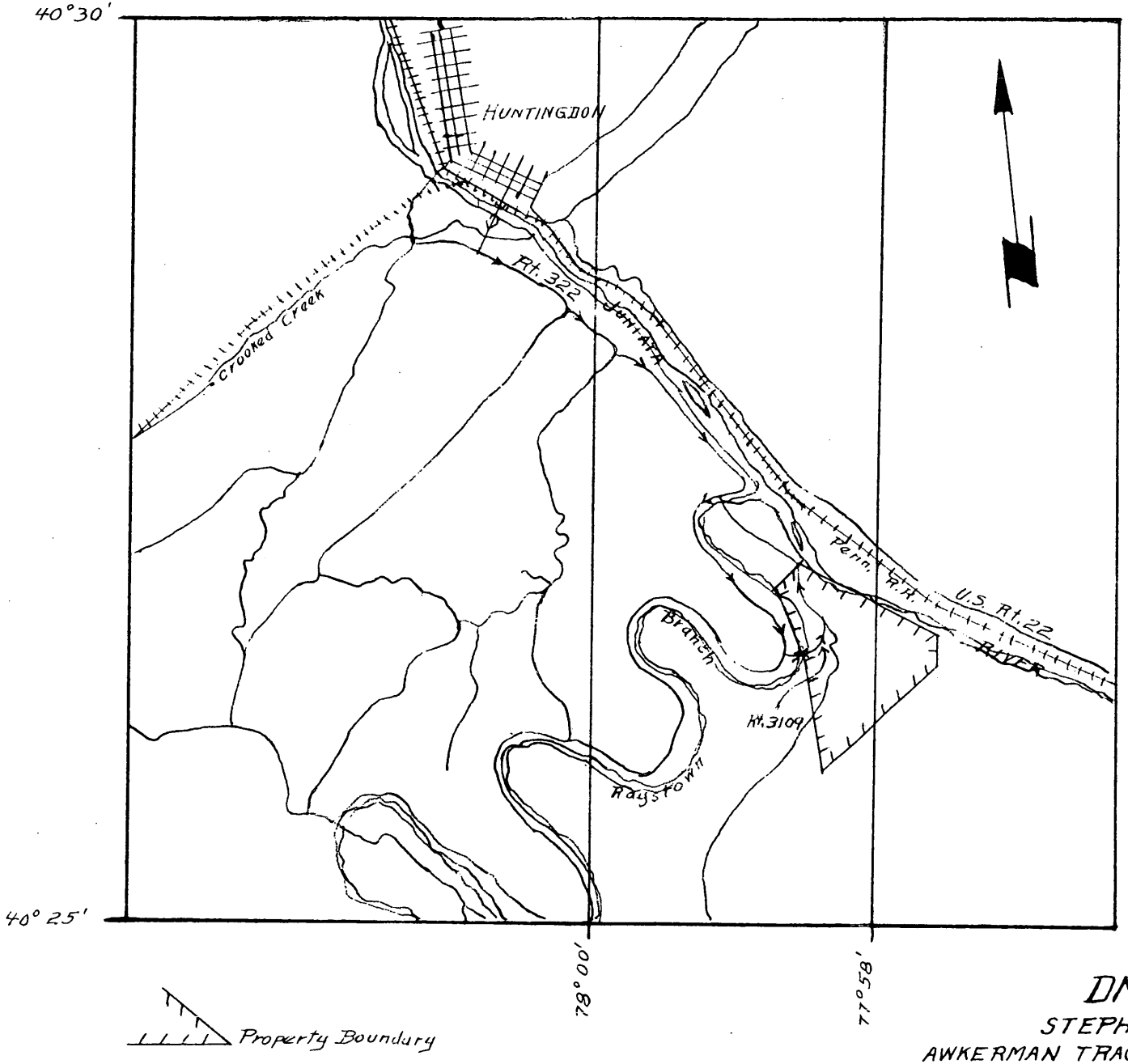
Drilling was to be done by the applicant using equipment purchased under a DMEA contract. Total cost of the project was estimated to be $18,889.35.

Due to the recommendations made in this report, no alternate proposal for exploration is made.

June, 1957

H. L. Burmeister
U. S. Bureau of Mines

W. P. Williams
U. S. Geological Survey



DMEA-4527

STEPHENS and BROWN

AWKERMAN TRACT, HUNTINGDON COUNTY, PA.

U.S.G.S. HUNTINGDON & MT. UNION QUADS.

0 miles 1

FIG. 1

Location -1

Location-3

Note
Not checked in file
[illegible]

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 13 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

WASHINGTON 25, D. C.

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July 3, 1957

Memorandum

To: Operating Committee, DMEA - Washington

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

Subject: DMEA-4527 (uranium) Gard W. Stephens and David F. Brown. Awkerman Tract, Huntingdon County, Pennsylvania

Enclosed are the following items, received from the Applicant:

Lease extension (3 copies)
Letter from Attorney (2 copies)
Copy of assay 752496 (2 copies)

The copy of the letter of Dr. Keith, referred to in the last paragraph of Mr. Linton's letter, has not been received.

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

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

RICHARD W. LINTON
ATTORNEY AT LAW
HUNTINGDON
PENNSYLVANIA

OFFICIAL FILE COPY
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RECEIVED JUL 5 1957

DATE	INITIALS	CODE

June 18, 1957

United States Department of the Interior
Defense Minerals Exploration Adminstration
College Park, Maryland

Dear Mr. Burmeister:

Pursuant to your instructions when you were up here on May 27, with Mr. Williams, I am enclosing herewith five copies of the Agreement extending the lease for one year, and five copies of the report of analysis for Uranium Oxide, which was received from the LeDoux Laboratories in the meantime.

I have no report to make on the status of the case on May 31. Mr. Stephens, Mr. Brown and I took the matter up with Mr. William Wade, Vice President of the Pennsylvania Electric Company in Altoona concerning the release of the company of their lands insofar as testing and mining operations were concerned. We are awaiting the report from Mr. Wade as to the company's decision on this matter. He said he would have to take it up with the company officials in New York but that he would let us know very promptly.

For your information, I am enclosing five copies of a letter I received from Dr. Max L. Keith of the College of Mineral Industry of Pennsylvania State University.

Very Sincerely yours,

Richard W. Linton

Richard W. Linton

Enc.
RWL:gaw

LEDOUX & COMPANY
(INC.)
ENGINEERS, CHEMISTS AND ASSAYERS

359 ALFERD AVENUE TEANECK, N. J. MAY28, 1957

REPORT OF ANALYSIS

No. 752496 Teaneck, N. J. May 28, 1957

Our analysis of the sample of Mineral

From Gard W. Stephens & David F. Brown

Marked: Ore Sample B

and submitted to us, shows:

After Drying:

Uranium oxide (U308) ----------0.06%

***

EXTRA COPY
DMEA
RECEIVED 5 1957

DATE	INITIALS	CODE

To: Gard W. Stephens & David F. Brown

LEDOUX & COMPANY
s/ W. C. Bowden

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 3 FEDERAL BLDG.
KNOXVILLE 2, TENN.

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June 10, 1957

Memorandum

To: Operating Committee, DMEA - Washington

From: Acting Executive Officer, DMEA - Region V

Subject: DMEA-4527 (uramium, thorium, copper, mica)
Gard W. Stephens and David F. Brown
Awkerman Tract, Huntingdon County, Penna.

Enclosed are 6 copies of the land description and six copies of the Consent to Lien pertaining to the subject application.

V. J. Lynch

RICHARD W. LINTON
ATTORNEY AT LAW
HUNTINGDON
PENNSYLVANIA

OFFICIAL FILE COPY
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RECEIVED APR 5 1957

DATE	INITIALS	CODE
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April 4, 1957

United States Dept. of the Interior
Defense Minerals Exploration Administration
Washington 25, D. C.

Attention: C. O. Mittendorf
Administrator

Re: Docket No. DMEA-4527 (Uranium, thorium, copper, mica)

Awkerman Tract
Huntingdon County, Pennsylvania

Dear Mr. Mittendorf:

In accordance with the suggestion that was made a short time ago when we had a conference in Mr. Ellis's office, a chemical analysis was made of a mineral sample.

Enclosed, herewith, is one copy of the report of analysis of this sample, which this office received today on behalf of Messrs. Gard W. Stephens and David F. Brown. This copy which is signed and bears the seal of the Ledoux & Company is accompanied by three type written copies made in this office so that you might have quadruplicate copies for your file.

I trust that these enclosures will meet with your approval and that we may expect to hear from you accordingly.

Very respectfully yours,

Richard W. Linton
Attorney for Gard W. Stephens
and David F. Brown

RWL:bdm
Encls.

FORM 5 8-56 60M F. & K. INC.

LEDOUX & COMPANY,
(Inc.)

ENGINEERS, CHEMISTS AND ASSAYERS

359 ALFRED AVENUE TEANECK, NEW JERSEY

RP

REPORT OF ANALYSIS

RECEIVED APR 5 1957 D.M.E.A.

No. 750270

Teaneck, N. J. April 2, 1957

Our analysis of the sample of MINERAL

From Gard W. Stephens & David F. Brown

Marked:

and submitted to us, shows:

After drying:

Uranium Oxide - - - - 0.33%
(U_3O_8)

* * *

2 copies sent to Reg. 5
1 copy to USGS
4-8-57 [illegible]

To Gard W. Stephens & David F. Brown

LEDOUX & COMPANY, Inc.

N C Powden

RICHARD W. LINTON
ATTORNEY AT LAW
HUNTINGDON
PENNSYLVANIA

April 2, 1957

United States Dept. of the Interior
Defense Minerals Exploration Administration
Washington 25, D. C.

Attention: C. O. Mittendorf
Administrator

Re: Docket No. DMEA-4527 (Uranium, thorium, copper, mica)

Awkerman Tract
Huntingdon County, Pennsylvania

Dear Mr. Mittendorf:

Enclosed, herewith, is a copy, in quadruplicate, of a letter that may be of interest to you concerning this deposit, from Dr. Mac. L. Keith, Director of Mineral Conservation Section of Pennsylvania State University, with whom we had a conference not long ago.

This letter is being mailed in quadruplicate in order that you will be able to attach it to each one of the file copies.

Sincerely yours,

Richard W. Linton

Richard W. Linton

RWL:bdm
Encls.

Copies sent to USGS.
+ Ray 5 - 4-4-57 gm

OFFICIAL FILE COPY
DMEA
RECEIVED 1957

DATE	INITIALS	CODE
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"	Murphy C	700

COPY

THE PENNSYLVANIA STATE UNIVERSITY

University Park, Pennsylvania

College of Mineral Industries
Mineral Conservation Section

March 29, 1957

Mr. Richard W. Linton, Attorney

Huntingdon, Pennsylvania

Re: Sample 57-32

Dear Mr. Linton:

I have made a further examination of the rock sample which you and your associates brought in a few days ago. My check determinations confirm the estimate made while you were in the office; the level of radioactivity is high enough to encourage further investigation of the deposit. I estimate that the uranium content probably is above the lower limit set by the Atomic Energy Commission in their schedule of payments, that is 0.1% equivalent uranium.

There is also a small amount of copper in the sample, although the indications are that the uranium is not closely associated with the copper.

If you reach a stage where you would like to have some technical advice regarding sampling or development, please let me know, and I shall arrange to come and make a field examination or send one of our geologists. The Mineral Conservation Section is interested in assisting the development of mineral deposits in Pennsylvania.

Yours truly,

/S Mac. L. Keith

Mac. L. Keith, Director
Mineral Conservation Section

MLK:cs

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RECEIVED 1957
DATE

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

OFFICIAL FILE COPY
RECEIVED APR 2 1957

DATE	INITIALS	CODE
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March 29, 1957

Memorandum

To: W. T. Millar, Supervising Mining Engineer, College Park

From: Field Team, Region V - Knoxville, Tennessee

Subject: DMEA-4527 (Uranium, thorium, copper, mica) Gard W. Stephens and David F. Brown, Awkerman Tract, Huntingdon County, Pennsylvania.

Enclosed is a copy of the subject application, with review by the Washington staff and related correspondence. It appears that a satisfactory review of this proposal can be made only by a field examination. As the Applicants finally state, in their letter of March 21, that they can put up their 25% share of the costs, an examination appears to be in order. Please arrange this directly with the Applicants. Mr. Williams, of the Geological Survey, will probably be available, and you should arrange directly with him too.

A review of the application suggests that the Applicants know very little about geology and exploration, though they have had experience in core drilling and coal mining. Unless some provision is made for adequate geological and engineering consultants, the operation of such a contract, the evaluation of its results and the preparation of a final report may well be beyond the ability of the Applicants. This should be discussed thoroughly with them. Please return the application and related data with the examination report.

Robert A. Laurence
Executive Officer, DMEA

W. A. Beck, for W. J. Lynch
Member, Bureau of Mines

RAL/as
cc
Lynch
Kiilsgaard
Files
Opr. Com. 2

RICHARD W. LINTON
ATTORNEY AT LAW
HUNTINGDON
PENNSYLVANIA

OFFICIAL FILE COPY
DMEA
RECEIVED APR 1 1957

DATE	INITIALS	CODE
4/1	C	220
	~~Murphy~~	~~700~~

March 29, 1957

United States Dept. of the Interior
Defense Minerals Exploration Administration
Washington 25, D. C.

Attention: C. O. Mittendorf
Administrator

Re: Docket No. DMEA-4527 (Uranium, thorium, copper, mica)
Awkerman Tract
Huntingdon County, Pennsylvania

Dear Mr. Mittendorf:

Your letter of March 27, 1957, addressed to Messrs. Gard W. Stephens and David F. Brown is acknowledged.

Every assistance will be given to the Field Team and we will await word from the Regional Office.

Respectfully yours,

Richard W. Linton

Richard W. Linton
Attorney for Gard Stephens
and David F. Brown

RWL:bdm
cc: Mr. R. A. Laurence
Executive Officer
DMEA Field Team, Region V
Knoxville, Tennessee

DMEA Form 7
(12-56)

700

OFFICIAL FILE COPY

Date	Surname	Code
3/26	Murphy	700
3/26	Ellis	700
3/27	Selbridge	130
"	Johnson	110
"	Mittendorf	100
		220

Kilgaard
Lamb

MAR 27 1957

Messrs. Gard W. Stephens and
David F. Brown
c/o Richard W. Linton, Attorney
324 Penn Street
Huntingdon, Pennsylvania

Re: Docket No. DMEA-4527 (Uranium, thorium, copper, mica)
Awkerman Tract
Huntingdon County, Pennsylvania

Gentlemen:

Your letter of March 21, 1957, and the map showing the property and location of the proposed work have been received.

Your application is now being referred to Mr. R. A. Laurence, Executive Officer, DMEA Field Team, Region V, Rm. 413, P. O. Building, Knoxville, 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 (for)

Administrator

FMMurphy/izm 3-26-57
cc to: Mr. Murphy
Admr.'s Reading File
DMEA FT Reg. 5 (2)
Mr. David F. Brown)
Mr. Richard W. Linton) enclosed with letter to Applicant

8623

DMEA Form 7
(12-56)

700

OFFICIAL FILE COPY

Date	Surname	Code
3/26	Murphy	700
3/26	Ellis	700
3/27	Selfridge	130
"	Johnson	110
"	Mattenson	100
		220

Mr. R. A. Laurence
Executive Officer
DMEA Field Team, Region V
Rm. #13, P. O. Building
Knoxville, Tennessee

MAR 27 1957

Re: Docket No. DMEA-4527 (Uranium, thorium, copper, mica) 128C
Gard W. Stephens and David F. Brown
Awkerman Tract
Huntingdon County, Pennsylvania

700

Dear Mr. Laurence:

The captioned application is referred to Region V Field Team for investigation, a field examination if deemed advisable, and recommendations.

Enclosed are copies of memoranda, dated November 13 and 14, 1956, by W. P. Williams, USGS, and J. E. Crawford, USBM, respectively, relating to the application. Also enclosed for Field Team use are two copies of a letter from the Applicant, dated March 21, with two copies of a map attached, and one copy of the application.

Messrs. Stephens and Brown, with their attorney, Mr. Linton, recently visited the Washington Office. They brought, for our inspection, a large sample of the sandstone strata from the tract. A scintillator check of the material showed radioactivity 4 to 9 times over the background reading. The Applicant also showed photographs of the area and of the place where they have made a small cut into the largest sandstone strata.

As it appears that some uranium mineralization occurs on the subject property, and the Applicant has endeavored to open up the possible ore-bearing formation, it is suggested that unless the Field Team has unfavorable information concerning the property, a field examination should be made.

We will forward the Field Team's copies of the assay certificates which the Applicant has promised to submit.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Enclosures
APPROVED:

Frank D. Lamb
Member, Bureau of Mines

Thor H. Kiilsgaard
Member, Geological Survey

THKiilsgaard, 5224
JKratchman, AEC

FMMurphy/izm 3-26-57
cc to: Mr. Murphy
Admr.'s Reading File
Operating Committee

8623

Huntingdon, Pennsylvania

Date: March 21st 1957

Administrator, Defense Minerals Exploration Administration,
United States Department of the Interior,
Washington 25, District of Columbia

OFFICIAL FILE COPY
DMEA
RECEIVED MAR 25 1957

DATE	INITIALS	CODE
3/25	C	220
		700

Re: Docket No. DMEA-4527
(Uranium, thorium, copper, mica)
Gard W. Stephens and David F. Brown
Awkerman Tract
Huntingdon County, Pennsylvania

Dear Sir:

In reference to your letter above file date 25 February 1957, wish to inform you that inclosed is sketch showing the approximate location of the drill holes referred to in the sketch submitted with the original application. As an alternative, a winze may be excavated to follow the vein or strata we have recently opened up. The location of the possible winze is also approximately shown on the sketch inclosed.

Analysis of a sample is being made by Ledoux and Company of No. 359 Alfred Avenue, Teaneck, New Jersey, and a certificate will be submitted within a few days or a week according to advices we have received today by telephone from Mr. Ledoux of this Company. The sample has already been dispatched to him today by parcel post.

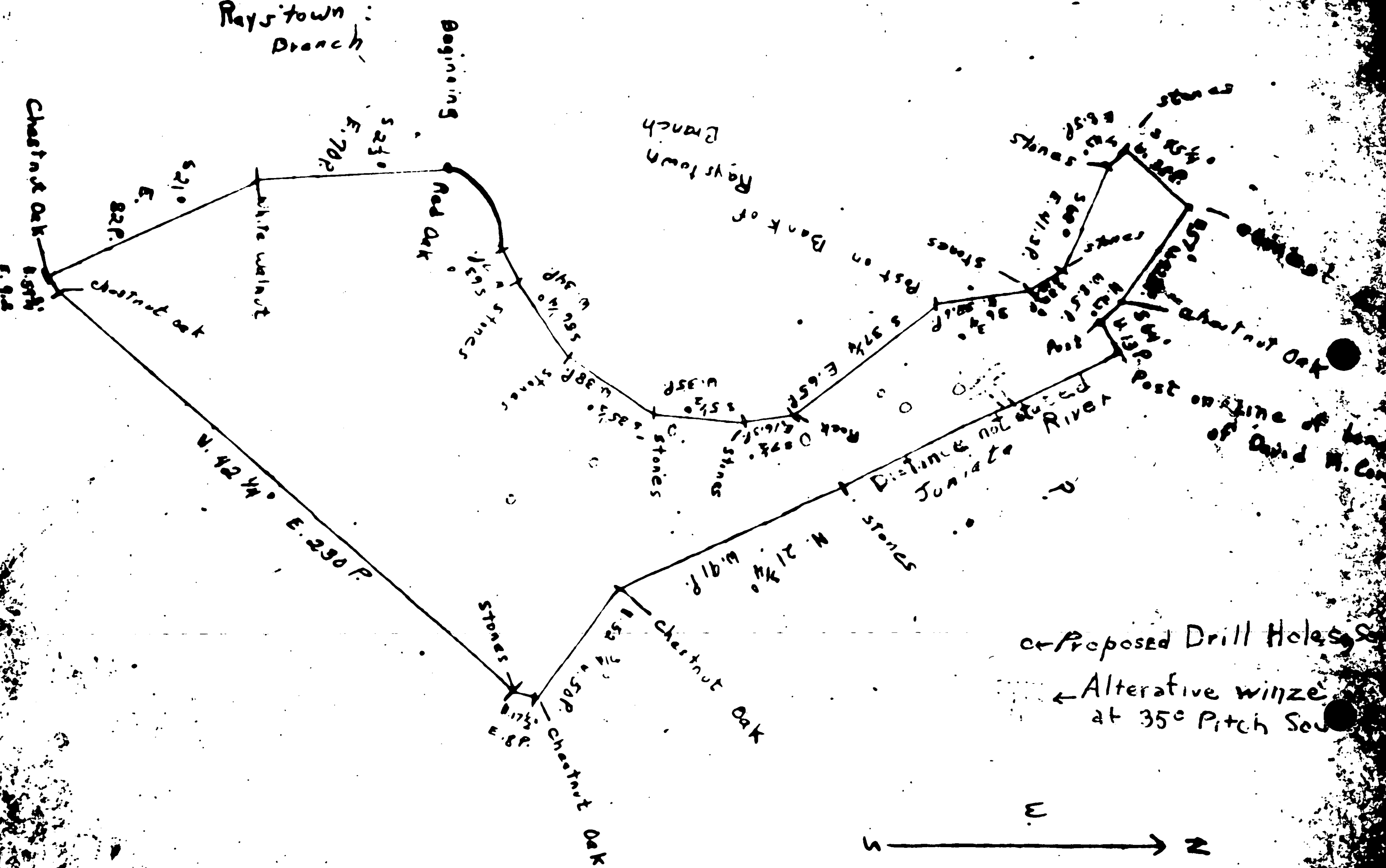
In view of the conversation in Mr. Ellis' office on 20 March, 1957, we are of the opinion that we are financially able to pay twenty five per cent of the costs of the proposed work.

Very respectfully yours,

Gard W. Stephens

David F. Brown

(In quadruplicate)
(Return address:
Richard W. Linton, attorney,
324 Penn Street,
Huntingdon, Pennsylvania



Rays town
Branch
Beginning
Chestnut Oak
White walnut
Red Oak
chestnut oak
S 21° E 82 P.
S 23° E 70 P.
Rays town Branch
Post on Bank of
stones
S 37¼ E 65 P.
Rock
Juniata River
Distance not stated
Chestnut Oak
N 42¼° E 230 P.
N 21¼° W 91 P.
Chestnut Oak
Post on line of
of David M.
Proposed Drill Holes
← Alterative winze
at 35° Pitch
E
S
N
W

DMEA Form 7
(12-56)

700

OFFICIAL FILE COPY

Date	Surname	Code
2-21	FMurphy	700
2-25	Ellis	700
"	Johnson	110
"	Mittendorf	100
2/26	C	220
		700

FEB 25 1957

Mr. Richard W. Linton
Attorney at Law
Huntingdon, Pennsylvania

Re: Docket No. DMEA-4527
(Uranium, thorium, copper, mica)
Gard W. Stephens and David F. Brown
Awkerman Tract
Huntingdon County, Pennsylvania

Dear Mr. Linton:

This is to acknowledge your letter of February 18, 1957, in response to ours of the 14th.

In view of your statement that Mr. Brown and Mr. Stephens plan to do some preliminary exploration on the Awkerman tract and will later revise their present application, we will withhold further action on it for a reasonable time pending advice from them, or your office. However, to save unnecessary correspondence, we would appreciate being advised the approximate date we may expect to receive the new data.

It is suggested that the new information include a map or sketch, drawn to scale, showing the location and extent of all work previously done and, also, the location where samples were procured and their assay results supported by assay certificates. The map or sketch should also show the location of the proposed exploration work that is contemplated.

Please note that we require four copies of all exhibits pertaining to an application.

Sincerely yours,

C. O. Mittendorf (for)

Administrator

FMMurphy/izm 2-21-57
cc to: Code 700
Mr. Murphy
Admr.'s Reading File
THKiilsgaard, 5224
JKratchman, AEC
DMEA FT Reg. 5 (2) w/2cc each of Linton's letters of Dec.27, 1956 & Feb. 18, 1957.

8623

RICHARD W. LINTON
ATTORNEY AT LAW
HUNTINGDON
PENNSYLVANIA

February 18, 1957

OFFICIAL FILE COPY
DMEA
RECEIVED FEB 20 1957

DATE	INITIALS	CODE
2-20	C	220
2-20	Murphy	700

United States Department
of the Interior,
Defense Minerals Exploration Adm.
Washington 25, D. C.

Attention: C. O. Mithindorf
Administrator

Re: Docket No. DMEA-4527
(Uranium, thorium, copper,
mica) Gard W. Stephens and
David F. Brown, Awkerman Tract
Huntingdon County, Pennsylvania

Dear Sir:

Your letter of February 14, 1957, on the above subject is aknowledged as of Saturday, the 16th of February. I have consulted personally with these two men, Mr. Stephens and Mr. Brown, on the day of the receipt of this letter, which was February 16th, and have showed this letter to them. These men have authorized me to make this reply.

Mr. Brown and Mr. Stephens report that they are having a little difficulty in getting their machinery repaired as they hope to make further tests within the next few weeks. They may wish to revise their application if these tests are promising. The idea is, that if the application is revised, these men would apply for financial assistance and would show that by their available machinery they would be contributing their third. It is requested that you inform this office as to your probable reaction to a proposal of this kind.

As to the tests, what these men plan to do is take a compressor and open up a drift on the exposed vein, where the radio active rock is exposed on the side of the mountain. That way they hope to follow the vein right into the mountain and thus will be able to ascertain the exact nature of samples gotten from inside the mountain.

Your comment as to this procedure is invited.

Sincerely yours,

Richard W. Linton

Richard W. Linton

RWL:bdm.

DMEA Form 7
(12-56)

700

OFFICIAL FILE COPY

Date	Surname	Code
2/13	Murphy	700
"	Ellis	700
"	Johnson	110
14	Mittendorf	100
2-15	C	220
		700

FEB 14 1957

Mr. Richard W. Linton
Attorney at Law
Huntingdon, Pennsylvania

Re: Docket No. DMEA-4527
(Uranium, thorium, copper, mica)
Gard W. Stephens and David F. Brown
Awkerman Tract
Huntingdon County, Pennsylvania

Dear Mr. Linton:

Reference is made to your letter of December 27, 1956, and our reply of January 7, 1957, with reference to the captioned application for DMEA assistance.

We wish to cooperate with your clients in allowing ample time to supply the requested information; however, we cannot indefinitely postpone action on an application. Therefore, if we do not receive the requested information within 30 days from the date of this letter, we will assume that Messrs. Gard W. Stephens and David F. Brown are no longer interested in proceeding with their application, and we will consider it as having been withdrawn.

Sincerely yours,

G. O. Mittendorf

Administrator

FMMurphy/gla
2-13-57
cc to: Admr.'s Reading File
Code 700, Mr. Murphy
DMEA Field Team, Region V (2)
T. H. Kiilsgaard, 5224
Jack Kratchman - AEC

8623

DMEA Form 7
(12-56)

700

OFFICIAL FILE COPY

Date	Surname	Code
1-4	Murphy	700
1/7	Ellis	700
1/7	H. Johnson	110
1/7	Mitchell	100
1-7	C	225
		700

JAN 7 1957

Mr. Richard W. Linton
Attorney at Law
Huntingdon, Pennsylvania

Re: Docket No. DMEA-4527
(Uranium, thorium, copper, mica)
Gard W. Stephens and David F. Brown
Awkerman Tract
Huntingdon County, Pennsylvania

Dear Mr. Linton:

This is in response to your letter of December 27, 1956, concerning the possibility of Messrs. Stephens and Brown obtaining initial DMEA assistance on their proposed project without putting up any money themselves.

Initial work on a prospect is usually classified as prospecting, which is a form of exploration not contemplated by this Agency.

The applicant must complete this phase of work, and submit evidence that indicates the property has favorable possibilities for the occurrence of the metals or minerals which are being sought. Also, because our exploration contracts are on a participation basis, we do not schedule a field examination until we are assured that the applicant is financially able to provide its share of the costs if a contract is approved. Will you please advise this office, as soon as possibile, whether or not your clients wish to continue with their application under these conditions.

Enclosed is a pamphlet relating to our program that may be of help to you in discussing this matter with your clients.

Sincerely yours,

Ernest Wm. Ellis, Chief
Rare and Miscellaneous
Metals Division

R.C. 4c

Enclosure
FMMurphy/izm 1-4-57
cc to: DMEA Field Team, Reg. V (2)
Code 700
~~Operating Committee~~
Admr.'s Reading File
Hosted, Rm. 3210, GSA
Crawford, Rm. 3643
Kiilsgaard, Rm. 5224
Mr. Murphy

8623

DEC 31 1956 gla

RICHARD W. LINTON
ATTORNEY AT LAW
HUNTINGDON
PENNSYLVANIA

December 27, 1956

Mr. Ernest William Ellis
Chief Rare and Miscellaneous
Metals Division
Defense Minerals Exploration Administration
United States Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-4527 (Uranium, Thorium, Copper, Mica) Awkerman Tract, Huntingdon County, Penna.

Dear Mr. Ellis:

Your letter of December 19, 1956 addressed to Messrs. Gard W. Stephens and David F. Brown, Box 28A, R. D. #3, Huntingdon, Pennsylvania, has been referred to me for reply.

You are informed that these applicants Messrs. Stephens and Brown, are still very much interested in having their application processed. Since receiving your letter of November 19, 1956, according to what they have reported to me, they have had several prospective drillers view the area where they desire tests to be made and they believe they will be able in some way to meet your requirements.

They would like to know if this area does prove through tests, to have commercial value, whether there is any way they can qualify for initial financial assistance from the Defense Minerals Exploration Administration without putting up any money themselves.

Respectfully,

Richard W. Linton

Richard W. Linton

RWL:bdm

RECEIVED
DEC 31 1956
D.M.E.A.

700

700
FILE COPY
Surname:
Murphy
Mathews

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

Messrs. Gard W. Stephens and
David F. Brown
Box 28A, R. D. 3
Huntingdon, Pennsylvania

Re: Docket No. DMEA-4527 (Uranium, thorium, copper, mica)
Awkerman Tract
Huntingdon County, Pennsylvania

Gentlemen:

Reference is made to our letter, dated November 19, 1956, relating to the captioned docket.

Action on your application is pending receipt of the information requested in above-mentioned letter. If you are no longer interested in the processing of this application, please advise us.

Sincerely yours,

SIGNED

Ernest Wm. Ellis, Chief
Rare and Miscellaneous
Metals Division

Murphy/izm 12-18-56
cc to: Docket
~~Code 700~~
Mr. Murphy-Code 700
Admr.'s Reading File
DMEA Field Team, Reg. V (2)
Messrs. JECrawford, 3643
THKiilsgaard, 5224
JOHosted, 3210, GSA

Surname copy

700

Murphy
Ellis
Johnson
Mitchenor

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

Messrs. Gard W. Stephens and
David F. Brown
Box 28A, R. D. 3
Huntingdon, Pennsylvania

NOV 19 1956

Re: Docket No. DMEA-4527 (Uranium, thorium, copper, mica)
Awkerman Tract
Huntingdon County, Pennsylvania

Gentlemen:

The application for assistance in exploring your property, under the captioned docket number, has been reviewed by the Rare and Miscellaneous Metals Division of the Defense Minerals Exploration Administration.

Under "Exhibit 'H'" of your application you state that neither applicant is in a position to make a contribution in cash, and in the event the proposed project is approved by this Agency your share of the costs will be provided by your services.

The application lists operating materials, supplies, and equipment estimated to cost $6,215.15 that will be purchased. Under DMEA contracts, the Operator must make such purchases and, if approved, then the Government contributes its share of the costs. However, in the usual DMEA contract, where the proposed work consists of bulldozing access roads and drilling, we prefer that the work be done under independent contracts, in which case the operator must have sufficient funds to pay for the work as completed. The Government then contributes its share of the costs thereof upon receipt and approval of the operator's monthly report of progress and costs. Also, before entering into this type of contract, we require copies of bids from three independent contractors.

In view of the above, will you kindly inform this office whether or not you would be interested in continuing the processing of your application. If you are still interested, it is also suggested that you submit any available chemical analyses of samples taken from the sandstone lenses on your property.

Sincerely yours,

Signed

Ernest Wm. Ellis, Chief
Rare and Miscellaneous
Metals Division

FMMurphy/gla
11-19-56
cc to: Admr.'s Reading File
Docket
Messrs. JECrawford, 3643
THKiilsgaard, 5224
JOHosted, 3210, GSA
Code 700, Mr. Murphy
DMEA Field Team, Region V (2)

15-56

RECEIVED NOV 15 1956 D.M.E.A.

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

Date 11/14/56

DMEA Docket No. 4527
DMEA Contract No.
Commodity Thorium
Name of applicant G. W. Stephens & D. F. Brown
Name of property
Location of property Huntingdon Co., Pennsylvania
Estimated cost of project $18,889.35

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee
From: John E. Crawford, Bureau of Mines Member
Uranium Commodity Committee
Subject: Review of Application
(Application, Field Team Report, etc.)

1. Date of subject document: 10/29. 2. Date received by reviewer: 11/2.
3. Prior reports on this property known to reviewer: Yes ☐ No ☐
4. Prior reports on nearby properties known to reviewer: Yes ☐ No ☐
5. Information available on past production: Yes ☐ No ☐
6. Other pertinent factors known to reviewer: Yes ☐ No ☐
7. Explain items marked yes above:

8. Factors needing special consideration:
a. Location ☐
b. Ownership [x]
c. Evidence of mineralization [x]
d. Geology [x]
e. Proposed exploration method ☐
f. Alternate exploration method ☐
g. Costs ☐
h. ☐

9. Action advised:
a. Obtain information from applicant ☐
b. Refer to Field Team ☐
c. Denial ☐
d. Agree with Field Team ☐
i. Consult with Mr. ____ at ____ AEC office.
e. Disagree with Field Team ☐
f. Suggest alternate plan ☐
g. Request another examination ☐
h. Approval ☐

10. Remarks: (Use back of page if necessary)
Mr. J. O. Hosted, Washington representative of the Atomic Energy Commission, assisted in the review. This case was discussed with Kratchman of AEC and Klemic of USGS, both of whom have conducted investigations in Penn., but neither were familiar with property or area. We suggest that applicant be requested to provide more data about the mineralization and geology of the deposit, an assay map showing location of samples, width of mineralization, uranium content, and copper content as well as other pertinent data.

11-1[illegible]56

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

IN REPLY REFER TO:

RECEIVED
NOV 14 1956
D.M.E.A.

November 13, 1956

Memorandum

To: E. W. Ellis, Defense Minerals Exploration Administration

From: W. P. Williams, U. S. Geological Survey

Subject: Review of application, DMEA 4527, Stephans and Brown, Huntingdon, Pennsylvania (uranium, thorium, copper, mica)

The applicant proposes to explore for uranium, thorium, copper, and mica deposits on a lease hold consisting of 278 acres, located in Huntingdon County, Pennsylvania.

The proposed work would consist of seven drill holes. The applicant states he is unable to estimate closely the depths of the holes so that the total estimated drilling footage is unknown. Estimated total cost of the work is $18,889. No subcontracts are anticipated by the applicant. Instead, he proposes to purchase equipment with DMEA funds and perform the work himself. The applicant states he has no money but that his contribution will be services and supervision. Under DMEA operating procedure such an arrangement, especially at the beginning of a project, is not very feasible.

The copy of the application I reviewed contained no assays or other indications of the grade of the minerals on the property.

The best way to evaluate the property and ascertain the applicant's objectives would be to make a field examination of the property. I recommend, therefore, that the application be referred to the Field Team for examination and report.

W. P. Williams

W. P. Williams

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
Washington 25, D. C.

November 2, 1956

Mr. Gard W. Stephens
P. O. Box 28A, R.D. 3
Huntingdon, Pennsylvania

Subject: DMEA-4527
Re: Exploration Assistance

Dear Mr. Stephens

Your application for exploration assistance, dated October 29, 1956 submitted to our office at Knoxville, has been assigned Docket Number DMEA-4527 and referred to the Rare and Miscellaneous Metals Division in the Washington office. Kindly identify all future correspondence relating to your application by this Docket Number.

Sincerely yours,

Allen S. Dakan, Chief
Operations Control and
Statistics Division

Copy to:

Region V. Knoxville, Tennessee

Code 700

3571

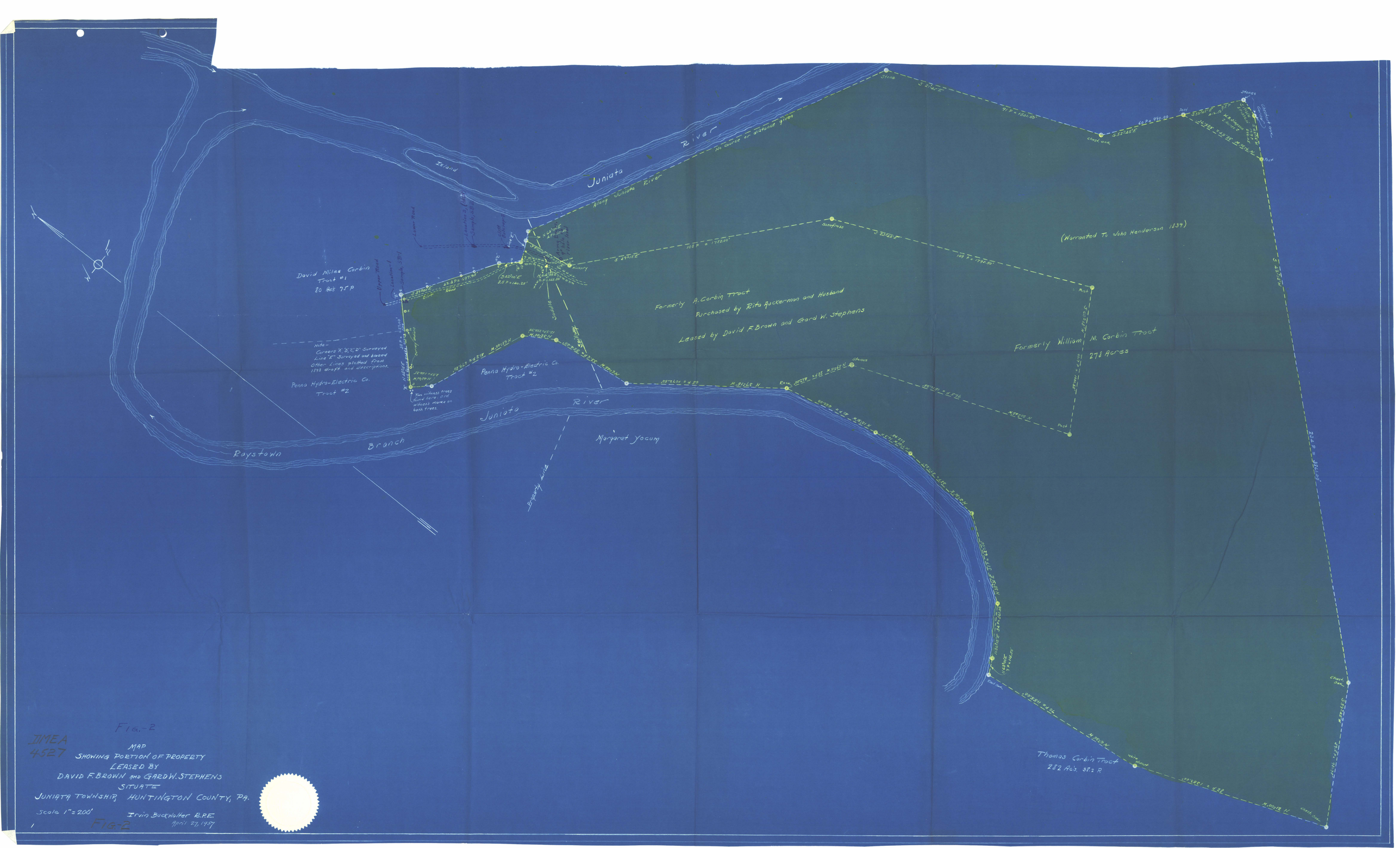


Fig.-2

IIMEA
4527

MAP
SHOWING PORTION OF PROPERTY
LEASED BY
DAVID F. BROWN AND GARD W. STEPHENS
SITUATE
JUNIATA TOWNSHIP, HUNTINGTON COUNTY, PA.

Scale 1" = 200'

Irvin Buckwalter R.P.E.
April 27, 1987

Fig-2