IMEA Form 9

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE

IMEA NO. 4647

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(~~Withdrawn~~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

9775

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 1-0 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

OFFICIAL FILE COPY
DMEA
RECEIVED FEB 21 1957

DATE	INITIALS	CODE

February 19, 1957

Memorandum

To: Operating Committee, DMEA - Washington

From: Acting Executive Officer, DMEA - Region V

Subject: Application - William Frank Nolan, Box 52, 11710 South Homan Ave., Chicago, Ill. Putman County, Illinois (uranium)

Transmitted are three copies of an application received in this office yesterday.

The Applicant attached a copy of a letter from the Joy Manufacturing Company, 3 sketch maps, and a transmittal letter giving a synopsis of the work he has done.

V. J. Lynch

February 15, 1957

OFFICIAL FILE COPY
D M E A
RECEIVED FEB 21 1957

DATE	INITIALS	CODE

U. S. Dept. of Interior
Knoxville, Tenn.

Gentlemen:

Enclosed find four completed copies of Form MF-103, also a grid pattern of the Gamma Ray intensity and a profile pattern showing my interpetation from the readings which I obtained.

The following is a brief synopsis of my work on this project. For over two years I have been using a Geiger Counter in this area and have found several spots which give a count of 120 MH/PM or better. The first spot which I explored yeilded a conglomerate which emitted radio active rays very rapidly. I took a sample of the conglomerate to Neuclear Testing Lab in Chicago. Their counter gave the same readings as mine. After numerous tests they stated that the sample was not Uranium but "Something more valuable". My counter became contaminated from this sample and I then bought my present counter. It was made by Tower, Model 6159.

In 1955 I started digging on hole #2, at 50 feet water stopped me. I purchased a Jeep with power take off, built my own drilling head and purchased from Joy Mfg. Co., $1,000.00 worth of drilling equipment. October 1, 1955 at 163 feet I could not break the core and lost the diamond drill. I have not been able to recover the diamond. Spectographic Qualitative analysis of samples taken from this drilling show the presence of 16 elements, including Titanium, Chronium and Vanadium. Reports from Rollo, Mo., stated the samples were weakly radioactive but of no commercial value.

I intend to complete these holes as I am firmly convinced that I have radioactive substances of good quality. I would like to have D.M.E.A. Backing and the services of one of your experts for a few days. Providing I get your backing, I will have Joy Mfg. Company Drill the holes.

Hope this letter helps to further explain my answers on Form MF-103.

Thanking you

I remain

RECEIVED
FEB 18 1957
U. S. Geological Survey
Grants Division
Denver, Colo.

WFN:ln

W. F. Nolan

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

RECEIVED FEB 21 1957 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. 4647
Metal or Mineral uranium
Date Received 2/21/57
Estimated Cost $4,150.00
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: William Frank Nolan, Box 52, 11710 South Homan Ave, Chicago 43, Illinois

RECEIVED FEB 18 1957 U. ... Colorado Division

(*b*) If other than an individual, add to your name above whether a corporation, partnership, etc., and the name of the State in which incorporated or otherwise organized.

(*c*) If a corporation, add to above statement, titles, names and addresses of officers.

(*d*) If a partnership, add to the above statement the names and addresses of all partners.

2. *General.*—Read DMEA Order 1, "Government Aid in Defense Exploration Projects," before completing this application. Submit this application and all accompanying papers in quadruplicate (four copies), with your name and address on each sheet of the application and on all accompanying papers. Where sufficient space is not provided on the form for all required information, state it on an accompanying paper, with a reference in each case to the instruction to which it refers by number. Comply with all applicable instructions; or, if not applicable, so state. File the application with Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest field executive officer thereof.

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract Lot One (1) Block three (3) in the village of Hennepin, Putman County, Ill,.

(*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 Owner.

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

(*e*) If you own the land, describe any liens or encumbrances on it None

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

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. Drawing

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades. None

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

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

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

16—66551-1

Joy Manufacturing Co, will do the work

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

Radioactive minerals

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

(*c*) The work will start within 45 days and be completed within Four months from the date of an exploration project contract. Joy Manufacturing Co, Pittsburgh, Pa., will preform the contract.

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

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

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

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

(*c*) *Operating materials and supplies.*—Furnish an itemized list, including items of equipment costing less than $50 each, and power, water and fuel. None

(*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. None

(*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. None

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

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

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

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

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

[X] Money [ ] 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 2-14, 1957

William F. Nolan
(Applicant)

By

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

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

ANSWER TO QUESTIONS

#4.

A- Drawing
B- None
C- Drawings
D- The drilling site is 1/8 mile from the river and 1/8 mile from the highway. It is in a residential Zone. Town of 300 people, no houses west of site to river. North of site is paved street, East is, run down property for sale $2,500. South is alley and vacant property.

#5.

B- We want to core drill 500 ft. deep. 1 foot north of our present drilling.
D- W. F. Nolan will supervise all work, C. Logan will assist him.

#6.

A-	Contract with Joy Mfg. Co. to core drill to a depth of 500 feet.	$2,725.00
B-	Wages for W. F. Nolan	450.00
C-	Wages for C. Logan	225.00
	Engineering Report	100.00
	Geologist's Report	100.00
	Core boxes- 10 @$5.00 ea.	50.00
C-	None	
D-	None	
E-	None	
F-	None	
G-	Analytical work. 10 samples @$15.00 ea.	150.00
	Accounting	150.00
	Workmens Comp., & Employer's liability Ins. & Taxes	500.00
H-	Contingencies	250.00
	Total	4,150.00
	D. M. E. A. 75%	3,112.50
	W. F. Nolan 25%	1037.50

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DATE	INITIALS	CODE

COPY OF LETTER

Joy Manufacturing Company
600 Woodland Avenue
Michigan City, Indiana.

OFFICIAL FILE COPY
D M E A
RECEIVED FEB 21 1957

DATE	INITIALS	CODE

February 7, 1957

Mr. W.F. Nolan
11710 S. Homan Ave.,
Chicago 43, Ill.

Dear Mr. Nolan:

Listed below are the prices at which we agree to perform your work in Hennepin, Illinois.

One 200 Ft. hole with AX fittings	(1 1/8" core in rock)	@7.25 ft.
One 300 ft. hole with AX fittings	"	@6.25 ft.
One 400 ft. hole with AX fittings	"	@5.75 ft.
One 500 ft. holw with AX fittings	"	@5.45 ft.

In addition to the above prices, we would expect you to furnish us with an ample supply of water at the drill hole. Any delays for your convenience to be at the rate of $10.00 per hour.

Since you do not know how deep the hole will go, we can offer you an alternate proposal. We would charge you a total of $600.00 for mobilization and demobilization. The drilling could then be done at a straight per foot price of $4.25 per ft.

We could complete a 500 ft. hole in approximately three weeks.

We are in a position to start this work in 45 days.

If the above prices are acceptable, you may notify us and we will have a formal core drilling agreement drawn up for your consideration.

Thank you for allowing us to submit prices on your work.

Yours truly,

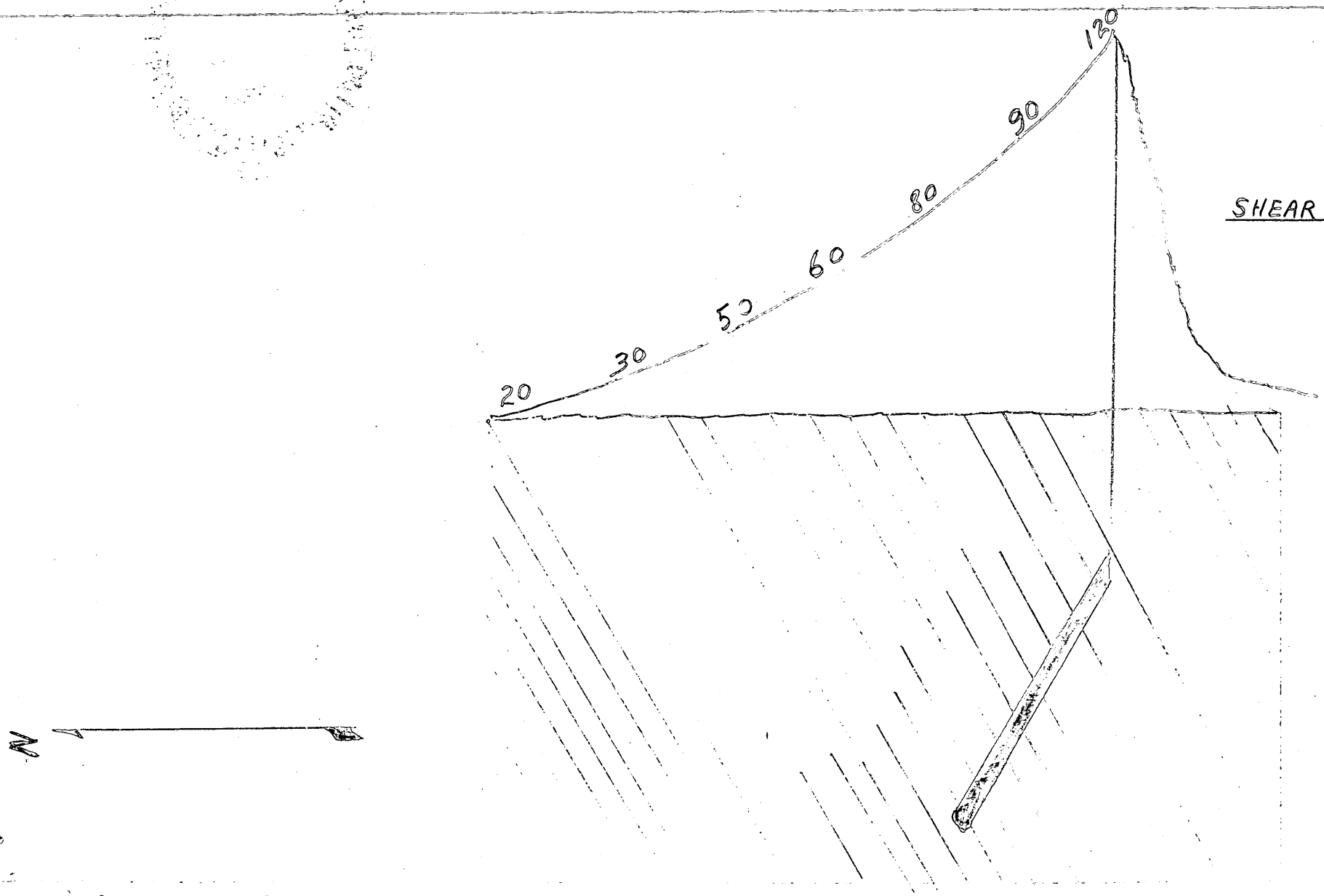
Joy Manufacturing Company

J.M.Murray, Asst. Mgr.
Joy Drill Division
Contract

JMN/et

4.e

W F Nolan



PROFILE PATTERN

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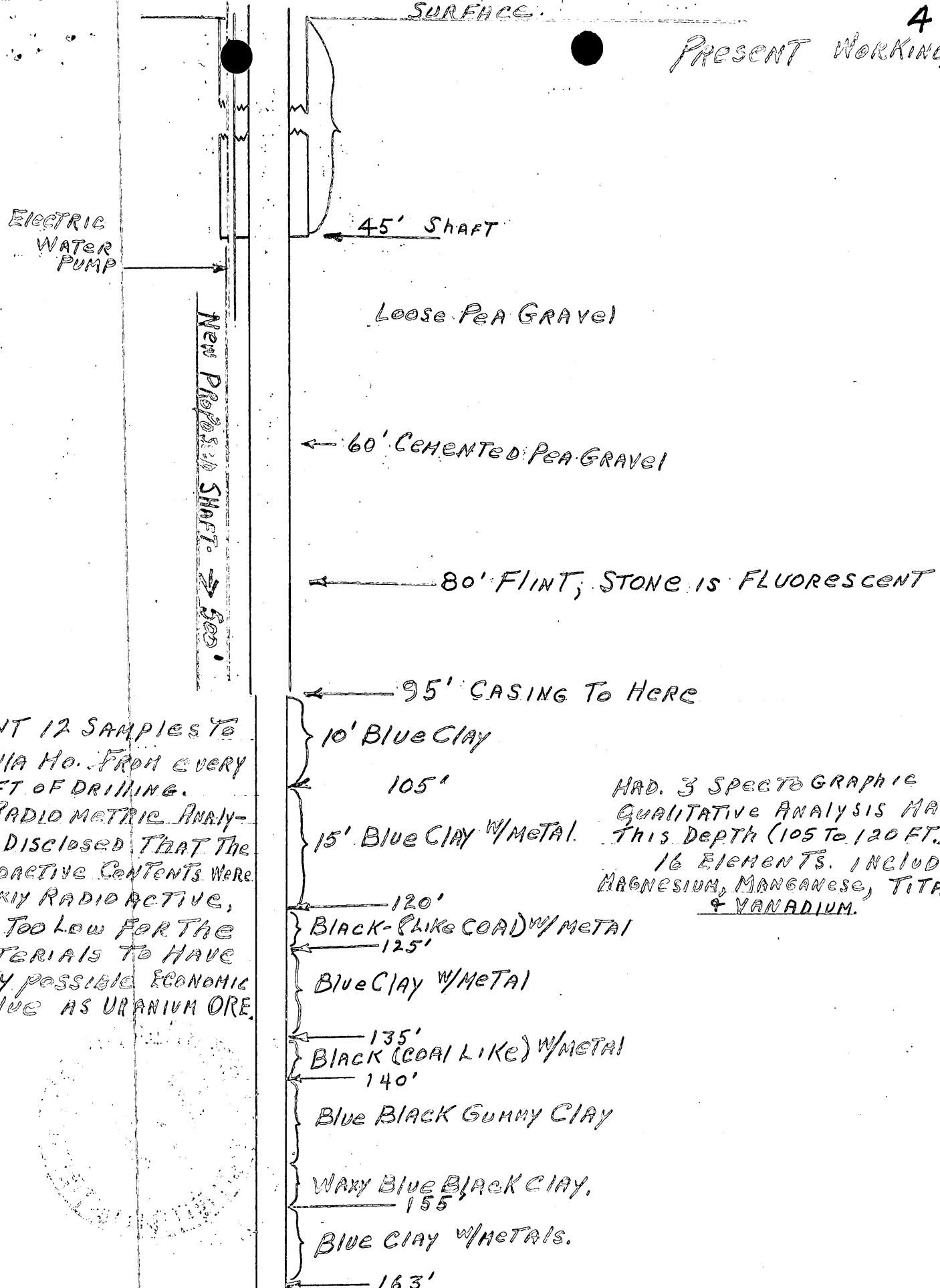
FEB 21 1957
D.M.E.A.

PRESENT WORKINGS.



SENT 12 SAMPLES TO ROLLA MO. FROM EVERY 5 FT OF DRILLING. RADIOMETRIC ANALYSIS DISCLOSED THAT THE RADIOACTIVE CONTENTS WERE WEAKLY RADIOACTIVE, BUT TOO LOW FOR THE MATERIALS TO HAVE ANY POSSIBLE ECONOMIC VALUE AS URANIUM ORE.

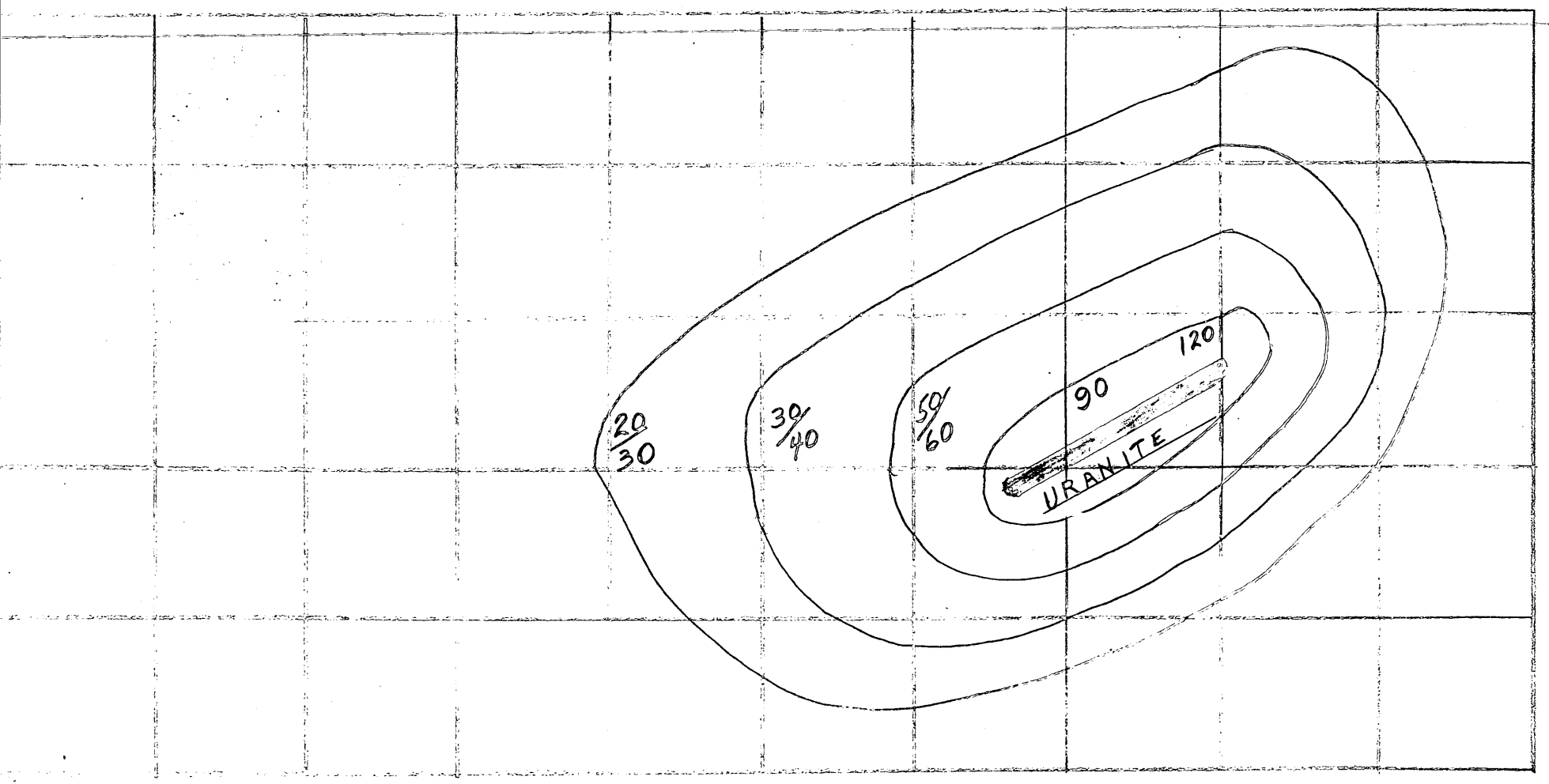
HAD. 3 SPECTOGRAPHIC QUALITATIVE ANALYSIS MADE AT THIS DEPTH (105 TO 120 FT.) 16 ELEMENTS. INCLUDING, MAGNESIUM, MANGANESE, TITANIUM & VANADIUM.

W F NOLAN

RECEIVED
FEB 21 1957
D.M.E.A.

4,c

W F Nolan



GRID PATTERN OF GAMMA RAY INTENSITY.

N

SCALE 1" = 16'

RECEIVED
FEB 21 1957
D.M.E.A.

DMEA Form 7
(12-56)

700

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Date	Surname	Code
3-4	Murphy	700
3-4	Ellis	700
3/6	Selfridge	130
"	Johnson	110
"	Mittendorf	400
3-8	C	220

Lamb 225
Kiilsgaard

MAR - 6 1957

Mr. William Frank Nolan
11710 South Homan Avenue
Chicago 43, Illinois

Re: Docket No. DMEA-4647 (Uranium)
Lot 1, Block 3, Hennepin Village
Putman County, Illinois

Dear Mr. Nolan:

Your application for aid in an exploration project and other information available to us in Washington concerning the above-named property have been reviewed.

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

Careful study of all our information, indicates to us that the probability of disclosing significant 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

Administrator

FMMurphy/izm 3-4-57
cc to: Mr. Murphy
Admr.'s Reading File
Operating Committee
THKiilsgaard, 5224
JKratchman, AEC
DMEA FT Reg. 5 (2)

C

8623

Docket

700

Murphy
Ellis

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

WASHINGTON 25, D. C.

March 4, 1957

Summary of Proposed Project

Object: Denial of application for exploration aid.

Docket No: DMEA-4647

Commodity: Uranium

Applicant: William Frank Nolan
Box 52
11710 South Homan Avenue
Chicago 43, Illinois

Property: Owner Lot 1, Block 3, in the Village of Hennepin, Putman County, Illinois

Amount of Application: $4,150.00 (Applicant's figure)

Application has not been referred to Field Team.

Work Proposed: Diamond-core drill one hole 500 feet deep.

Estimated Costs:

500 ft. core drilling @ $5.45/ft.	$2,725.00	
Supervision & Taxes	1,525.00	
Core boxes, 10 @ $5.00/each	50.00	
Analyses, 10 @ $15.00/each	150.00	
Contingencies	250.00	
TOTAL		$4,700.00

Note: Total submitted by Applicant of $4150 not added correctly.

Commodity Member's Comments:

USBM, J. E. Crawford, February 26, 1957:

Mr. Crawford recommends that the application be denied because the work proposed is "pure prospecting."

USGS, N. E. Nelson, February 28, 1957:

"The Applicant requests assistance in core drilling a 500-foot hole in search of something that causes his geiger counter to buzz anomalously at surface.

"The Applicant has sunk a shaft (45 feet) through overburden and drilled to a total depth of 163 feet, all in gravel and clay. He proposes collaring the drill hole one foot from the present hole.

"Tests of material from the shaft and drill hole have not verified the surface findings. Assuming the surface survey is indicative of the actual conditions, one suspects a stray piece or pieces of radioactive material (perhaps from Canada) are present in the overburden. Certainly there is no justification for drilling through 163 feet plus of overburden to test bedrock, here Pennsylvanian and Ordovician rocks.

"Denial of the application appears certain. Perhaps it can be made without referral to the Field Team."

Rare & Miscellaneous Metals Division, F. M. Murphy, March 4, 1957:

The Applicant's property appears to be on the south bank of the Desplaines River west of Chicago. As Mr. Nelson mentions it is quite possible that uranium minerals carried by glaciers or the river could occur in the overburden. A study of reports covering the occurrence of uranium in the region of the proposed project discloses that the closest known deposits occur in asphaltic material in Mississippian Pitkin limestone and Pennsylvania Atoka formation in northern Arkansas; and also in Spergen limestone (Mississippian) in St. Genevieve County, Missouri. As no report is available on production from the above areas it is presumed that the deposits are not commercially exploitable.

Conclusion and Recommendations:

The proposed drilling of one hole based on slight radioactivity noted in the area is considered prospecting. There is little possibility that a significant deposit of uranium ore would be found in the consolidated sediments below the overburden. Therefore this Division concurs in the recommendations of the Commodity Members that the application should be denied.

Ernest Wm. Ellis

Ernest Wm. Ellis, Chief
Rare and Miscellaneous
Metals Division

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

IN REPLY REFER TO:

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DATE	INITIALS	CODE
3/1	C	220
"	Murphy	700

Comment complete

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

February 28, 1957
Re: DMEA 4647
William Frank Nolan
Lot 1, Hennipin Prospect
Putman County, Ill.
$4,150 - Uranium

Memorandum

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

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

Subject: Review of application

The applicant requests assistance in core drilling a 500-foot hole in search of something that causes his geiger counter to buzz anomalously at surface.

The applicant has sunk a shaft (45 feet) through overburden and drilled to a total depth of 163 feet, all in gravel and clay. He proposes collaring the drill hole one foot from the present hole.

Tests of material from the shaft and drill hole have not verified the surface findings. Assuming the surface survey is indicative of the actual conditions, one suspects a stray piece or pieces of radioactive material (perhaps from Canada) are present in the overburden. Certainly there is no justification for drilling through 163 feet plus of overburden to test bedrock, here Pennsylvanian and Ordovician rocks.

Denial of the application appears certain. Perhaps it can be made without referral to the Field Team.

N. E. Nelson

N. E. Nelson

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DATE	INITIALS	CODE
2/26	C	220
2/26	[illegible]	700
	[illegible]	

February 26, 1957

4647

uranium
William Frank Nolan

Hennepin, Putman County, Ill.
$4,150.00

Ernest William Ellis, DMEA Member
Uranium Commodity Committee
John E. Crawford, Bureau of Mines Member
Uranium Commodity Committee

Application

2/19/57 2/25/57

x

As presented application is pure prospecting.

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

February 25, 1957

Mr. William Frank Nolan
11710 South Homan Avenue
Chicago 43, Illinois

Dear Mr. Nolan:

Subject: DMEA-4647

Your application for exploration assistance, dated February 14, 1957 submitted to our office at Knoxville, Tennessee has been assigned Docket Number DMEA-4647 and referred to the Rare & Miscellaneous Division in the Washington office. Kindly identify all future correspondence relating to your application by this Docket Number.

Sincerely yours,

Allen S. Dakan, Director
Operations Control and
Statistics Division

Copy to: Region V
Code 700

6416