DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 3749

DO NOT DETACH THIS SLIP

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Cys to USBM and USGS.

This document has been recorded as

Exploration

Any action taken to change the type of request for assistance must be promptly reported to the Reports and Records Branch. Use DMA Form 2 for submitting these reports.

Routing Slip

To: 700 Date 4/4/55

To: _____ Date _____

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700

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

JUL 2 9 1955

Messrs. James W. Bosier and
Edward G. Bosier
803½ Acequia Madre
Santa Fe, New Mexico

Re: Docket No. DMEA-3749 (Uranium)
Bosier Group of claims
Santa Fe County, New Mexico

Gentlemen:

Reference is made to our letter dated June 24, 1955, in which we stated that the subject docket would be considered closed unless certain information required to process the captioned application had reached this office on or before July 24, 1955. No answer to our letter having been received, we therefore inform you that the subject docket is considered closed effective as of that date.

This is without prejudice to the merits of your proposed project. We regret the necessity of this action and express appreciation for your interest in the exploration program during the period your application has been under consideration.

We are returning the Report on Spectrographic Analysis, dated January 10, 1955, from The Colorado Assaying Company, which you submitted with your application and requested it be returned to you.

Sincerely yours,

C. O. Mittendorf

Administrator

Enclosure

EWEllis/gla
7-26-55
cc to: Admr. Reading File
Docket
Messrs. JECrawford, Rm. 3641
THKiilsgaard, Rm. 5224
JCHosted, Rm. 3210, GSA
Code 700
DMEA Field Team, Region III (2)

R.C.S.

Surname 700

F. L. Knouse
Ellis
Mittendorf

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

Messrs. James W. Bosier and
Edward G. Bosier
803½ Acequia Madre
Santa Fe, New Mexico

JUN 2 4 1955

Re: Docket No. DMEA-3749 (Uranium)
Bosier Group of claims
Santa Fe County, New Mexico

Gentlemen:

Your attention is directed to our letter of April 13, 1955, which outlined certain information required to process the above-docketed application.

Inasmuch as we have received no reply, we assume that you no longer desire to proceed with the application. We wish to cooperate with you in the matter of allowing ample time, but if the needed data has not been received within thirty days from the date of this letter, we will then consider the docket closed.

Sincerely yours,

SIGNED
Ernest Wm. Ellis, Chief
Rare and Miscellaneous
Metals Division

FLKnouse:am
6-22-55
cc to: Admr. Reading File
~~Operating Committee~~
Docket
Messrs. J. E. Crawford, Rm. 3041
T. H. Kiilsgaard, Rm. 5224
J. O. Hosted, Rm. 3210, GSA
Code 700
Mr. Knouse
DMEA Field Team, Region III(2)

R.C.H.

4/19/55 gla

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

April 18, 1955

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee

From: Bureau of Mines Member
Uranium Commodity Committee

Subject: DMEA Docket 3749, James W. and Edward G. Bosier,
Bosier Claims, Santa Fe County, New Mexico

I have reviewed the attached application of Edward G. and James W. Bosier, DMEA Docket 3749, and have discussed it with Joseph O. Hosted, representative of the Atomic Energy Commission.

We suggest that either the applicant be requested to submit additional substantiating information, or the application be denied.

No assay report is attached to application as indicated therein, nor is there a map provided to show the location of the claims, and relation of the proposed core drilling and drifting to the mineralized zone, as well as other pertinent data.

John E. Crawford

John E. Crawford

Attachment

Copy to: Division of Minerals
Branch of Rare & Precious Metals
J. O. Hosted (2)
J. E. Crawford (2)

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

April 18, 1955

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee

From: Bureau of Mines Member
Uranium Commodity Committee

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John E. Crawford

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Branch of Rare & Precious Metals
J. O. Hosted (2)
J. E. Crawford (2)

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

April 18, 1955

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To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee

From: Bureau of Mines Member
Uranium Commodity Committee

Subject: DMEA Docket 3749, James W. and Edward G. Bosier,
Bosier Claims, Santa Fe County, New Mexico

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We suggest that either the applicant be requested to submit additional substantiating information, or the application be denied.

No assay report is attached to application as indicated therein, nor is there a map provided to show the location of the claims, and relation of the proposed core drilling and drifting to the mineralized zone, as well as other pertinent data.

John E. Crawford

Attachment

Copy to: Division of Minerals
Branch of Rare & Precious Metals
J. O. Hosted (2)
J. E. Crawford (2)

MF-10
(Revised Ap

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

APR 1 1955

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

Not to be filled in by applicant

Docket No. 3749
Metal or Mineral Uranium
Date Received 4-1-55
Estimated Cost $10,280.75
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: James W. Bosier, 803½ Acequia Madre, Santa Fe, New Mexico

Edward G. Bosier, 2003 "B" 23rd St., Los Alamos, New Mexico

(*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 Mining Claims - Bosier #1-2-3
Located and Filed in Santa Fe County - 92nd Mining Dist.
Book No. 94, Page No. 76 - 78 - 80.

(*b*) State any mine name by which the property is known. Bosier # 1 - 2 - 3.

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

(*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.

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

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

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

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

DMEA
Date Rec'd.
16—66551-1

MAR 28 1955

BUREAU OF MINES
Denver, Colorado

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

(*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 Immed. days and be completed within 90 days ~~months~~ from the date of an exploration project contract.

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

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

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

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

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

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

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

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

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

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

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

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

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

[X] Money [X] Use of equipment owned by you [X] Other

Explain in detail on acompanying paper.

CERTIFICATION

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

Dated Mar 25, 1955

(Applicant)

By James W. Bosin

Edward S. Bosin

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

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

4. PHYSICAL DESCRIPTION:

a) A Prospect has been driven in approx. 6 ft. We have a "Cat and Scraper" on Claim #1 and are starting to strip. (Easily accessible)

b) None

c) Sandstone, limestone and ~~pre-Cambrian Shales~~ "PENNSYLVANIAN FORMATION" - for mineralization, see attached Assay Report. Shale ledge below prospect is highly fossilized.

d) Six miles to Glorieta and Santa Fe Railroad via hiway #85 and Forest Road to Fire Lookout. This road cuts through two of the claims.

e) Manpower is no problem - Supplies are available, also equipment. No water, without drilling - Electric power is within 4½ miles of the claims.

5. THE EXPLORATION PROJECT:

a) Uranium.

b) Drive Approx. 30 ft. of drift and core drill all three claims.

c) Immediately - Three months.

d) Both have worked in mines in Colorado and also in the Processing Plant in Rifle, Colo. Edward Bosier is powder man - now employed by the Univ. of Calif. at Los Alamos. James Bosier is an equipment operator and has also worked in mines.

6. ESTIMATE OF COSTS:

a) Core Drilling - Approx. $2.00 per ft.

b) Operating Cat - $2.50 per hour & other work (2 men) including supervision. Geological Consultant - $100 per day. ← ??

c) Gas - Approx. 50 gal. per day for Cat and Compressor. Water and power not needed at present time.

d) We own the Cat and Scraper - $9.00 per hour. Compressor and hammer - $40.00 per day.

e) None

f) None

g) Approx. $60 - Analytical work $7.50 per Assay Report.

h) Approx. 10% if needed.

1- Independent Contracts	
Core Drilling - - - - - - - - - - - - -	$2000.00
Drifting - - - - - - - - - - - - - - -	2000.00
2- Labor, supervision, & consultants	
Labor, supervision & Cat operator - - - -	2190.00
3- Operating Materials & Supplies	
Gas for Cat and Compressor - - - - - - -	320.00
4- Operating Equipment	
Cat and Scraper - - - - - - - - - - - - -	2375.00
Compressor and Hammer - - - - - - - - - - -	400.00
5- Rehabilitation and Repairs - None	
6- New buildings, improvements, installations - None	
7- Miscellaneous	
Assay's - - - - - - - - - - - - - - - - - - -	37.50
Repairs - - - - - - - - - - - - - - - - - -	60.00
8- Contingencies - - - - - - - - - - - - - - -	898.25
Total	$10,280.75

7. By using our Cat and Scraper and doing work and supervision, and we will do the drifting.

COPY

Surname 700

F. L. Knouse
Ellis
Mittendorf

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

Messrs. James W. Bosier and
Edward G. Bosier
803½ Acequia Madre
Santa Fe, New Mexico

APR 13 1955

Re: Docket No. DMEA-3749 (Uranium)
Bosier Group of claims
Santa Fe County, New Mexico

Dear Messrs. Bosier:

Reference is made to the captioned application for Government aid to explore the subject property.

In order for us to continue with the processing of this application, we will require the following additional information:

1. Four copies of a map or sketch, drawn to scale which shows the location of each mining claim listed in the application.

2. On the above map or sketch show the location and extent of any uranium mineral exposures. Each exposure should be described as to extent (including width, length, and depth) mineral content if known, and chemical analyses of any samples taken.

3. Also on the above map, show the work you propose to do to explore this property, i.e., location of drill holes and drifting. A detailed cost estimate for each proposed unit of work is also required.

4. We will require for each mining claim listed in the application, the recorded date, and the book and page number of each recording.

Upon receipt of the above information, we will continue with the processing of your application.

Sincerely yours,

SIGNED

Ernest Wm. Ellis, Chief
Rare and Miscellaneous
Metals Division

FLKnouse:am
4-12-55
cc to: Admr. Reading File
Docket
Messrs. J.E.Crawford,Rm.3614
T.H.Kiilsgaard,Rm.5224
J.O.Hosted,Rm.3210,GSA
Code 700
Mr. Knouse
DMEA Field Team, Region III(2)

R.C.S.

4/14/55 gla

IN REPLY REFER TO:

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

Defense Minerals Administration
RECEIVED
APR 13 1955

April 12, 1955

Re: DMEA-3749
J. W. Bosier &
E. G. Bosier
(Bosier Claims)
Santa Fe Co., N. Mex.
$10,280.75 - Uranium

Memorandum

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

From: E. L. Newcomb, U. S. Geological Survey

Subject: Review of application

The operator has proposed 30 feet of drifting and about 1,000 feet of drilling to explore the Bosier claims.

The present application material does not substantiate the proposed project. Further data should be requested from the applicants.

We do not have any information on possible uranium occurrences in Santa Fe County.

I recommend the applicant be asked to submit more geological and assay data for our consideration.

E. L. Newcomb
E. L. Newcomb

IN REPLY REFER TO:

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

RECEIVED
APR 13 1955

April 12, 1955

Re: DMEA-3749
J. W. Bosier &
E. G. Bosier
(Bosier Claims)
Santa Fe Co., N. Mex.
$10,280.75 - Uranium

Memorandum

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

From: E. L. Newcomb, U. S. Geological Survey

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E. L. Newcomb

ELNewcomb:hlm
G-4/12/55

Copy to: Director's reading, 4212
Branch reading, 4212
DMEA (3)
Docket file
J. E. Crawford, 3641 Interior

IN REPLY REFER TO:

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

April 12, 1955

Re: DMEA-3749
J. W. Bosier &
E. G. Bosier
(Bosier Claims)
Santa Fe Co., N. Mex.
$10,000.75 - Uranium

Memorandum

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From: E. L. Newcomb, U. S. Geological Survey

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E. L. Newcomb

ELNewcomb:hlm
G-4/12/55

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Branch reading, 4212
DMEA (3)
Docket file
J. E. Crawford, 3641 Interior

IN REPLY REFER TO:

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

RECEIVED
Bureau Land Mgt.
APR 13 1955

April 12, 1955

Re: DMEA-3749
J. W. Rosier &
E. G. Rosier
(Rosier Claims)
Santa Fe Co., N. Mex.
$10,880.75 - Uranium

Memorandum

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

From: E. L. Newcomb, U. S. Geological Survey

Subject: Review of application

The operator has proposed 30 feet of drifting and about 1,000 feet of drilling to explore the Rosier claims.

The present application material does not substantiate the proposed project. Further data should be requested from the applicants.

We do not have any information on possible uranium occurrences in Santa Fe County.

I recommend the applicant be asked to submit more geological and assay data for our consideration.

E. L. Newcomb

ELNewcomb:hlm
G-4/12/55

Copy to: Director's reading, 4212
Branch reading, 4212
DMEA (3)
Docket file
J. E. Crawford, 3641 Interior

April 4, 1955
Subject: DMEA 3749
Re: Exploration Assistance
Bosier Nos. 1, 2, 3

Messrs. James W. Bosier and
Edward G. Bosier
803½ Acequia Madre
Santa Fe, New Mexico

Gentlemen:

The receipt of your application dated March 25, 1955 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA 3749 and referred to the Rare and Miscellaneous Metals Division.

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

Sincerely yours,

Robert E. Adams, Chief
Operations Control and
Statistics Division

April 4, 1955

Memorandum

To: Executive Officer, DMEA Field Team, Region III

From: Chief, Operation's Control and Statistics Division

Subject: Assignment of Docket Number

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

DMEA - 3749 James W. Bosier and Edward G. Bosier

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

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

224 New Customhouse
Denver 2, Colorado

March 29, 1955

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region III

Subject: Application for DMEA assistance (Uranium), James W. Vosier and Edward G. Vosier, Santa Fe County, New Mexico

Enclosed are the original and two copies of the subject application for Government assistance to explore the applicant's property for uranium at an estimated cost of $10,280.75.

The applicant did not furnish a claim map showing the location of the proposed work. This should be obtained from the applicant prior to requesting a field examination of the property if Commodity Members in Washington believe it to merit one.

Assay report attached to the original application shows a very minor amount of uranium.

We have retained one copy of the application in this office.

W. M. Traver

Enclosures

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

224 New Customhouse
Denver 2, Colorado

March 29, 1955

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region III

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W. M. TRAVER

Enclosures

W. M. Traver

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

RECEIVED
APR - 1 1955

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

Not to be filled in by applicant

Docket No. 3749
Metal or Mineral Uranium
Date Received 4-1-55
Estimated Cost $10,280.75
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: James W. Bosier, 803½ Acequia Madre, Santa Fe, New Mexico

Edward G. Bosier, 2003 "B" 23rd St., Los Alamos, New Mexico

(*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.

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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 Mining Claims - Bosier #1-2-3
Located and Filed in Santa Fe County - 92nd Mining Dist.
Book No. 94, Page No. 76 - 78 - 80.

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

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

DMEA
Date Rec'd
MAR 28 1955
BUREAU OF MINES
Denver, Colorado

16—66551-1

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

(*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 Immed days and be completed within 90 days ~~months~~ from the date of an exploration project contract.

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

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

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

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

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

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

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

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

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

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

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

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

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

[X] Money [X] Use of equipment owned by you [X] Other

Explain in detail on acompanying paper.

CERTIFICATION

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

Dated Mar 25, 1955

(Applicant)

By James W. Bosier

Edward S. Bosier

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

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

4. PHYSICAL DESCRIPTION:
   a) A Prospect has been driven in approx. 6 ft. We have a "Cat and Scraper" on Claim #1 and are starting to strip. (Easily accessible)
   b) None
   c) Sandstone, limestone and ~~pre-Cambrian Shales~~ "PENNSYLVANIAN FORMATION" - for mineralization, see attached Assay Report. Shale ledge below prospect is highly fossilized.
   d) Six miles to Glorieta and Santa Fe Railroad via hiway #85 and Forest Road to Fire Lookout. This road cuts through two of the claims.
   e) Manpower is no problem - Supplies are available, also equipment. No water, without drilling - Electric power is within 4½ miles of the claims.

Bureau of Mines
Minerals Administration
RECEIVED
APR - 1 1955

5. THE EXPLORATION PROJECT:
   a) Uranium.
   b) Drive Approx. 30 ft. of drift and core drill all three claims.
   c) Immediately - Three months.
   d) Both have worked in mines in Colorado and also in the Processing Plant in Rifle, Colo. Edward Bosier is powder man - now employed by the Univ. of Calif. at Los Alamos. James Bosier is an equipment operator and has also worked in mines.

6. ESTIMATE OF COSTS:
   a) Core Drilling - Approx. $2.00 per ft.
   b) Operating Cat - $2.50 per hour & other work (2 men) including supervision. Geological Consultant - $100 per day.
   c) Gas - Approx. 50 gal. per day for Cat and Compressor. Water and power not needed at present time.
   d) We own the Cat and Scraper - $9.00 per hour. Compressor and hammer - $40.00 per day.
   e) None
   f) None
   g) Approx. $60 - Analytical work $7.50 per Assay Report.
   h) Approx. 10% if needed.

1- Independent Contracts	
Core Drilling - - - - - - - - - - - - - -	$2000.00
Drifting - - - - - - - - - - - - - - - -	2000.00
2- Labor, supervision, & consultants	
Labor, supervision & Cat operator - - - -	2190.00
3- Operating Materials & Supplies	
Gas for Cat and Compressor - - - - - - -	320.00
4- Operating Equipment	
Cat and Scraper - - - - - - - - - - - - - -	2375.00
Compressor and Hammer- - - - - - - - - - -	400.00
5- Rehabilitation and Repairs - None	
6- New buildings, improvements, installations - None	
7- Miscellaneous	
Assay's - - - - - - - - - - - - - - - - - - -	37.50
Repairs - - - - - - - - - - - - - - - - - - -	60.00
8- Contingencies - - - - - - - - - - - - - - -	898.25
Total	$10,280.75

7. By using our Cat and Scraper and doing work and supervision, and we will do the drifting.

James Edward Bosie
803½ Acequia Madre
Santa Fe, New Mex.

PLEASE RETURN.

Department of the Interior
Bureau of Mines
APR - 1 1955

NOTICE OF MINING LOCATION

LODE CLAIM

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the BOSIER No. 1 Mining Claim, situate on lands belonging to the United States of America and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by CITIZEN OF THE U.S.

(Locator must insert either "a citizen of the U.S." or "who has declared his intention of becoming a citizen of the U.S".)

the undersigned on the 10th day of DECEMBER, 1954.

The length of this claim is 1500 feet, and 300 feet, in a North Direction and 300 feet in a SOUTH direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 feet in widt of the surface grounds, on each side of the center of said claim. The general course of the lode desposit and premises is from the East to the WEST

The claim is situated and located in the 92nd Mining Distri in SANTA FE County, in the State of NEW MEXICO, About 6 mi. from GLORIETTA in a N.E. direction from 16 N - 11E SEC. 11 & 12

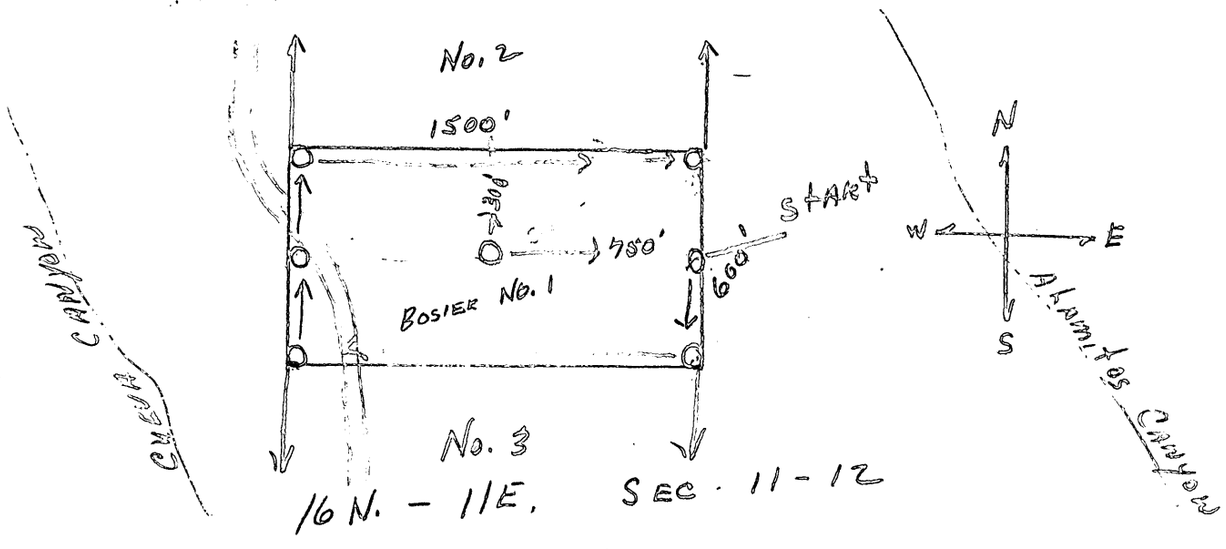
The surface boundaries of the claim are marked upon the ground as follows: Beginning at MONUMENT AT CENTER

at a point in a EAST direction 750 feet from the discovery shaft (at which this notice is posted), being in the center of the EAST end line of said claim; thence So. 300 feet to a MONUMENT being the S.E. corner of said claim; thence 1500 feet to a MONUMENT being at the S.W. corner of said claim; thence 300 feet to a MONUMENT at the center of the WEST end of said claim; thence 300 feet to a MONUMENT, being at the N.W. corner of said claim; thence 1500 feet to a MONUMENT at the N.E. corner of said claim; thence 300 feet to the place of beginning.

Dated and posted on the ground this 10th day of DECEMBER 1954

Locator's James W. Bosier
Edwin B. Bass

(SPACE FOR MAP OF CLAIM)



ATE OF NEW MEXICO } ss 202, 248
OUNTY OF SANTA FE

I hereby certify that this instrument was filed for record
n the 13th day of Dec. A.D. 1954
t 9:15 o'clock A.M. and was duly recorded
n book 94 of the records of Misc. page 76

Witness my hand and Seal of Office
AUGUSTIN GRACE
County Clerk, Santa Fe Co., N. M.
Helen Gallegos
Deputy

James Bosier
803½ Acequia Madre
City
Santa Fe, New Mex

NOTICE OF MINING LOCATION

LODE CLAIM

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the BOSIER No. 2 Mining Claim, situate on lands belonging to the United States of America and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by CITIZENS OF THE U.S.

(Locator must insert either "a citizen of the U.S." or "who has declared his intention of becoming a citizen of the U.S.")

the undersigned on the 12 day of DECEMBER, 19 54.

The length of this claim is 1500 feet, and 300 feet, in a North Direction and 300 feet in a South direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode desposit and premises is from the EAST to the WEST

The claim is situated and located in the 92nd Mining District in SANTE FE County, in the State of NEW MEX, About 6 MILES in a N.E. direction from GLORIETTA, NEW MEX. 16N - 11E SEC. 11 & 12

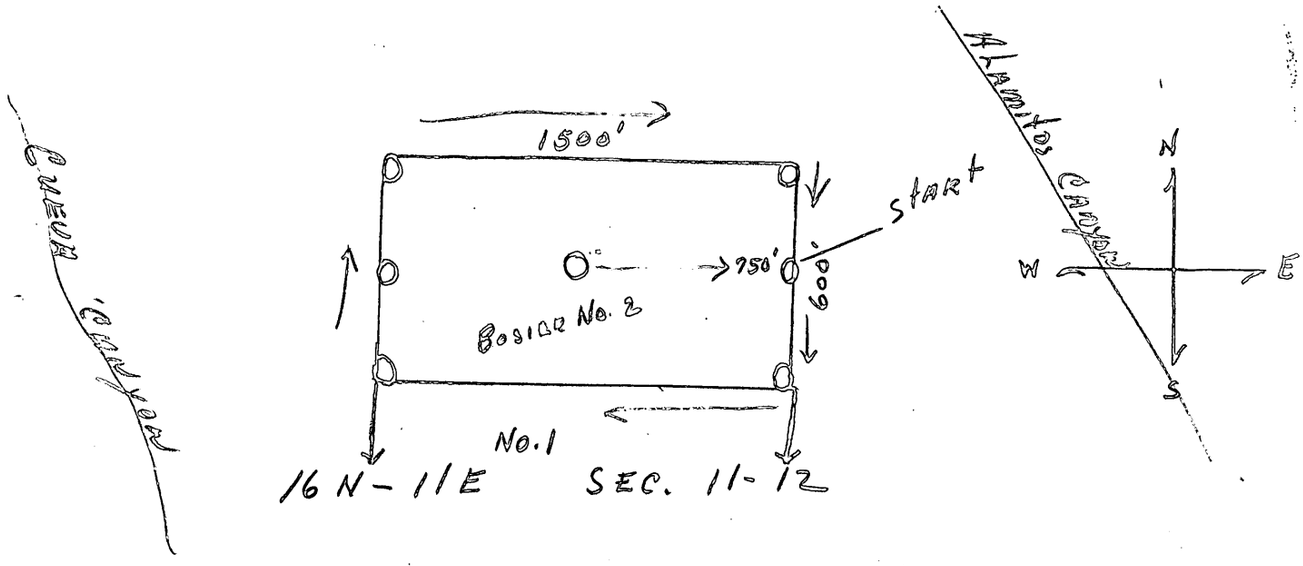
The surface boundaries of the claim are marked upon the ground as follows: Beginning at MONUMENT IN CENTER

at a point in a EAST direction 750 feet from the discovery shaft (at which this notice is posted), being in the center of the EAST end line of said claim; thence 600 feet to a MONUMENT being the S.E corner of said claim; thence 1500 feet to a MONUMENT being at the S.W. corner of said claim; thence 300 feet to a MONUMENT at the center of the WEST end of said claim; thence 300 feet to a MONUMENT, being at the N.W. corner of said claim; thence 1500 feet to a MONUMENT at the N.E corner of said claim; thence 300 feet to the place of beginning.

Dated and posted on the ground this 12 day of DECEMBER 19 54

Locator's James W. Bosier
Edward S. Brown

(SPACE FOR MAP OF CLAIM)



STATE OF NEW MEXICO } ss 202, 249
COUNTY OF SANTA FE }

I hereby certify that this instrument was filed for record on the 13th day of Dec. A. D., 1954 at 9:16 o'clock A M., and was duly recorded in book 94 of the records of Misc page 78

Witness my hand and Seal of Office
AUGUSTIN GRACE
County Clerk, Santa Fe Co., N. M.

Helen Gallegos
Deputy

James Bosier
803½ Acequia Madre
City
Santa Fe, New Mex

Department of the Interior
Bureau of Mines
APR - 1 1955

NOTICE OF MINING LOCATION

LODE CLAIM

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the BOSIER No. 3 Mining Claim, situate on lands belonging to the United States of America and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by CITIZENS OF THE U.S.

(Locator must insert either "a citizen of the U.S." or "who has declared his intention of becoming a citizen of the U.S".)

the undersigned on the 12 day of DECEMBER, 19 54.

The length of this claim is 1500 feet, and 300 feet, in a North Direction and 300 feet in a South direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 600 feet in widt of the surface grounds, on each side of the center of said claim. The general course of the lode desposit and premises is from the EAST to the WEST

The claim is situated and located in the 92nd Mining Distri in SANTA FE County, in the State of NEW MEX., About 6 MILES in a N.E direction from GLORIETTA 16N - 11E SEC 11-12

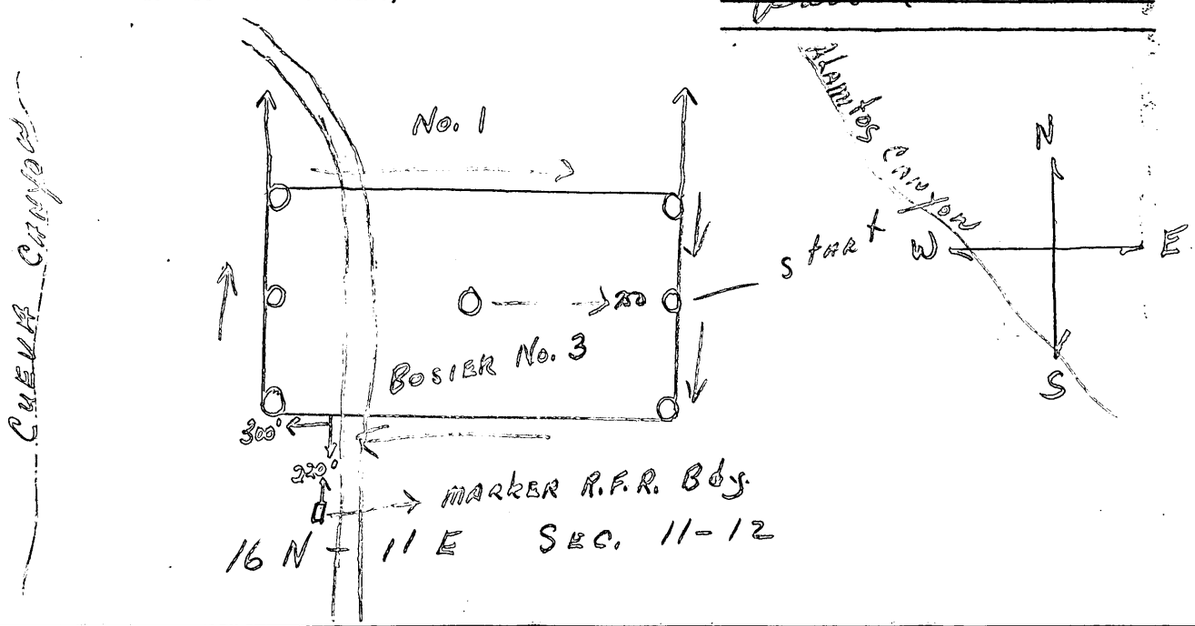
The surface boundaries of the claim are marked upon the ground as follows: Beginning at MONUMENT IN CENTER

at a point in a EAST direction 750 feet from the discovery shaft (at which this notice is posted), being in the center of the EAST end line of said claim; thence 300 feet to a MONUMENT being the S.E. corner of said claim; thence 1500 feet to a MONUMENT being at the S.W. corner of said claim; thence 300 feet to a MONUMENT at the center of the WEST end of said claim; thence 300 feet to a MONUMENT, being at the N.W. corner of said claim; thence 1500 feet to a MONUMENT at the N.E corner of said claim; thence 300 feet to the place of beginning.

Dated and posted on the ground this 12 day of DECEMBER 19 54

Locator's James W. Bosier
Edward S. Bosier

(SPACE FOR MAP OF CLAIM)

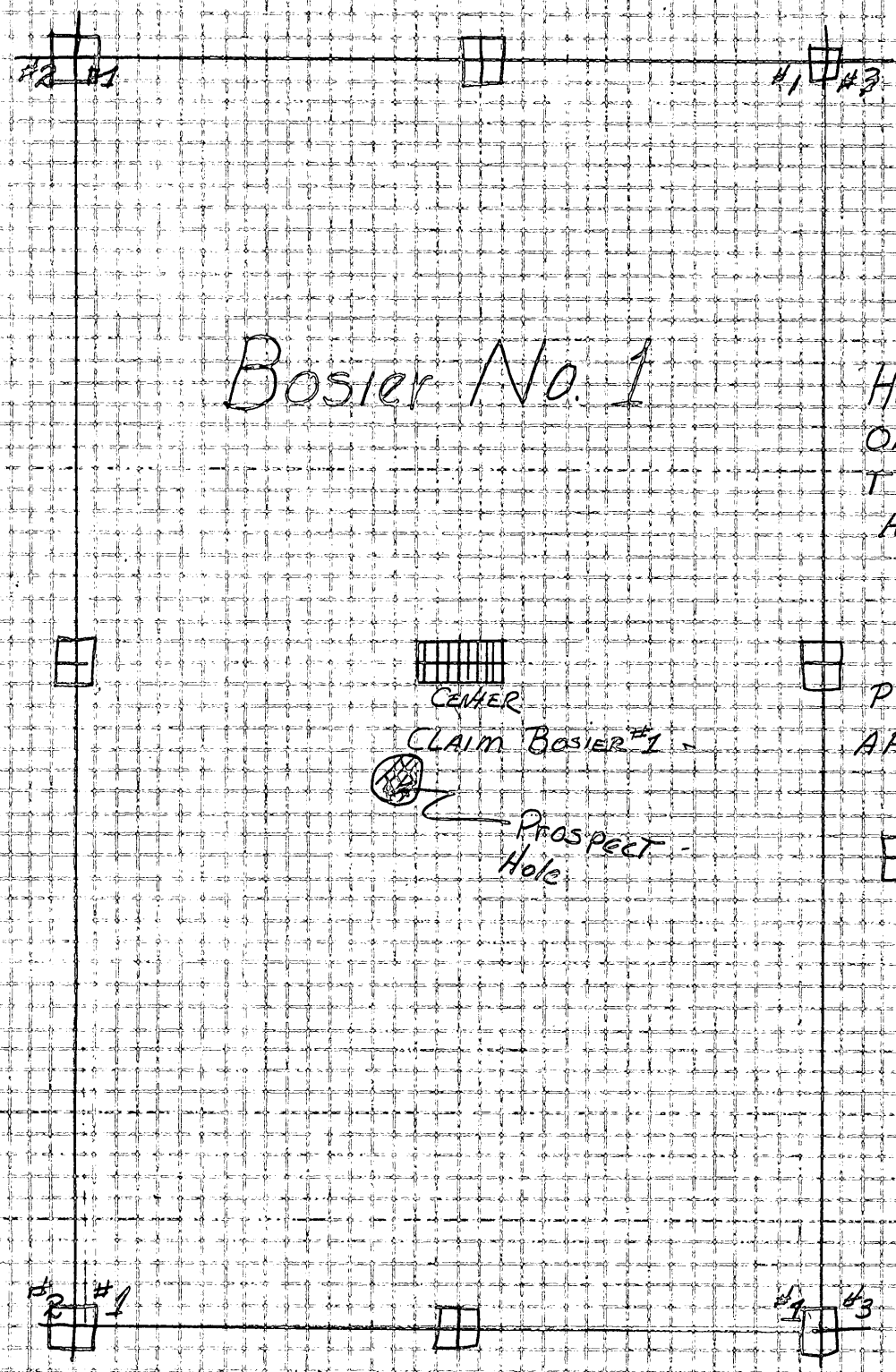


ATE OF NEW MEXICO } ss 202,250
OUNTY OF SANTA FE

I hereby certify that this instrument was filed for record on the 13th day of Dec. A. D., 19 54 at 9:17 o'clock A M., and was duly recorded in book 94 of the records of Misc. page 80

Witness my hand and Seal of Office
AUGUSTIN GRACE
County Clerk, Santa Fe Co., N. M.
Helen Gallegos
Deputy

James Bosier
803½ acequia madre
City
Santa Fe New Mex.



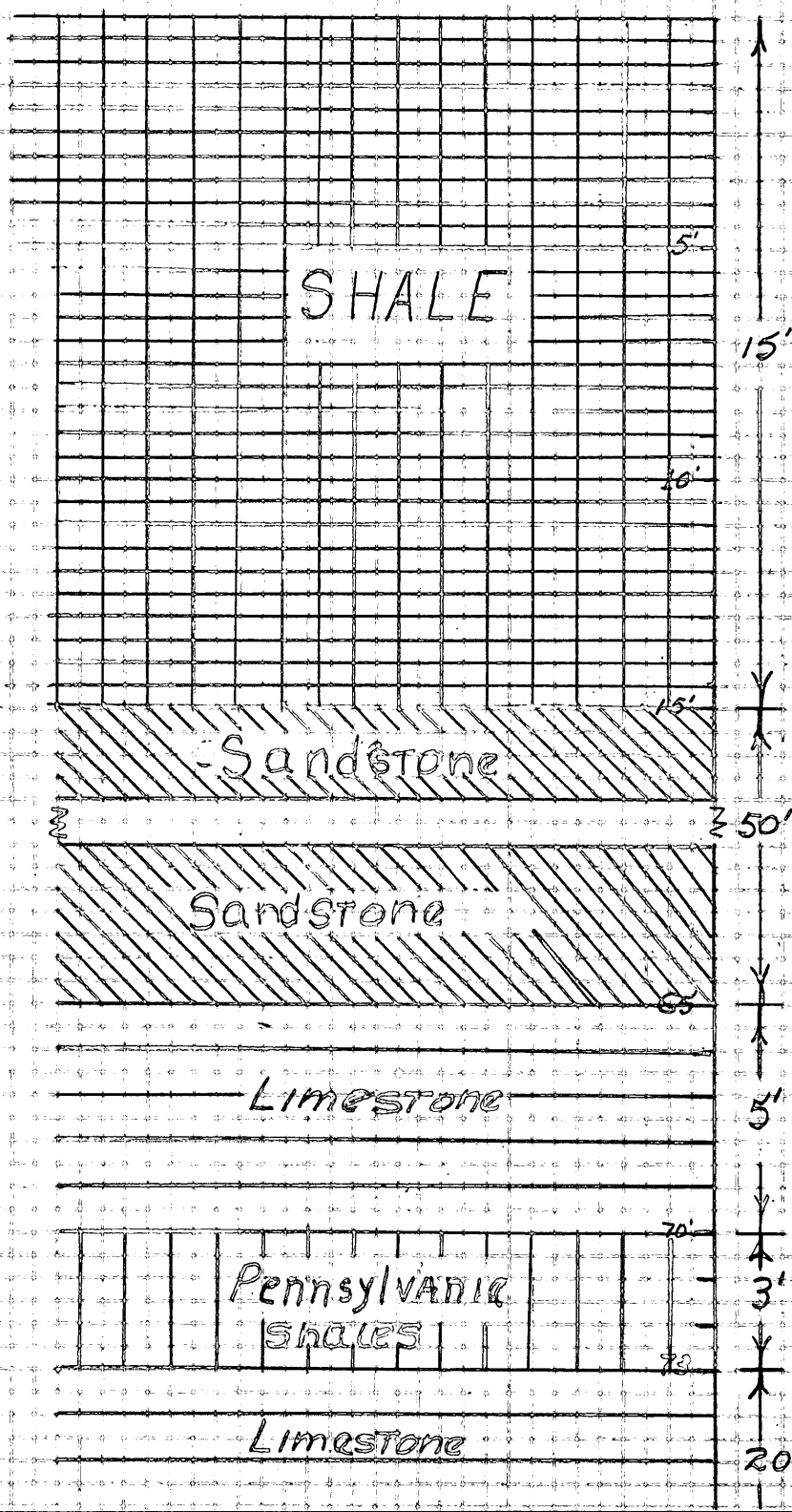
HAVE STARTED STRIPPING OPERATION, CENTER OF THIS CLAIM:
APPROX 2' DEEP
9' WIDE
20' LONG

PROSPECT HOLE
APPROX 4' X 6' X 6'

⊞ - MONUMENTS

James Edward Bosier
803 1/2 Arquello Ave
Santa Fe, New Mex

Scale = 1/4" = 1'



The indicated viens of Sandstone & Shale are in the approx. center of Boster #1 accompanying assay report is on the shales indicated

VEIN bearing U_3O_8

VEIN bearing U_3O_8

Jesus + Edward Bracin
803½ Acequia Madre
Santa Fe, New Mex