[redacted]

DEFENSE MINERALS EXPLORATION ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMEA Docket No. 4499

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Routing Slip

To:	700	Date	10/17/56
To:	Operating Com.	Date	10-25-56
To:	Admr.	Date	10-26-56
To:	Code 130	Date	1-22-57
To:	Code 110	Date	1-23-57
To:	" 100	Date	1-23-57
To:	" 225	Date	1-23-57
To:		Date	
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IMEA Form 9

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE

DMEA NO. 4499

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~~(Withdrawn~~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

CONSENT TO LIEN

I, Bennie Samaniego, being the owner of lode claims

Paran Hill no.1, Paran no.11, and Paran no.12 in Siera County, New Mexico, do hereby give my consent to Plainview Uranium, Inc., A Texas Corporation, to incur a lien on this property in behalf of the United States Government for the purpose of procuring an exploration loan from the Defense Minerals Exploration Administration.

signed Bennie Samaniego

THE STATE OF NEW MEXICO }
COUNTY OF DONA ANA }

Before me, the undersigned, a Notary Public, Betty J. Hindhom, in and for said county, New Mexico, on this day personally appeared Bennie Samaniego, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, This 9 day of July, 1956

My Comm expires 1-15-58

CONSENT TO LIEN

I, Clyde R. Wofford, being the owner of lode claims Paran no.1, Paran no.5, and Paran no.7 in Siera County New Mexico, do hereby give my consent to Plainview Uranium, Inc., aTexas Corporation, to incur a lien on this property in behalf of the United States Government for the purpose of procuring an exploration loan from the Defense Minerals Exploration Administration.

signed Clyde R. Wofford

THE STATE OF NEW MEXICO }
COUNTY OF DONA ANA }

Before me, the undersigned, a notary Public, Betty Jo Wickham, in and for said county, New Mexico, on this day personally appeared Clyde R. Wofford, known to me to be the person whose name is subsribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, This 9th day of July, 1956.

My Comm expires: 1-15-58

RECEIVED
OCT 11 1956

MINERAL LEASE

THIS AGREEMENT, Made and entered into this twenty-third day of August, 1955, by and between Bennie Samaniego and wife, Marguerite Samaniego, and Clyde R. Wofford and wife, Anny M. Wofford, all of Las Cruces, New Mexico, hereinafter called Lessor (whether one or more), and Plainview Uranium, Inc., a corporation, hereinafter called Lessee; WITNESSETH:

That the said Lessor, for and in consideration of the sum of Five Thousand and No/100 ($5,000.00) Dollars, cash in hand paid, the receipt of which is hereby acknowledged, and of the covenants and agreements hereinafter contained on the part of Lessee to be paid, kept and performed, has granted, demised, leased and let, conveyed and assigned, and by these presents does grant, lease, let, convey and assign unto the said Lessee for the sole and only purpose of exploring, drilling, mining, and operating for uranium and any and all other minerals, with the exception of oil and gas, all that certain tract of land situated in the County of Sierra, State of New Mexico, described as follows, to wit:

> The Six(6) unpatented lode mining claims designated as the Paran Group, and specifically named the Paran No. 1, Paran No. 5, Paran No. 7, Paran No. 11, Paran No. 12 and Paran Hill No. 1, being adjoining and contiguous claims, and each being 600 feet in width and 1500 feet in length and lying in Sections 27 and 34, Township 17 South, Range 4 West, New Mexico Principal Meridian, and in the Derry Mining District, Sierra County, New Mexico;

being more fully and accurately located by plat of survey dated June, 1955, made by John R. Kintzer, registered surveyor, Las Cruces, New Mexico, and attached hereto and made a part hereof, marked "Exhibit A"; and the lessor and lessee further covenant and agree as follows:

1. Lessee will do and perform those acts required by law to prevent the mining claims filed by Lessor on the above described land from becoming in default, and provided further that if Lessee should fail to perform those acts after notice as provided herein, Lessor may enter upon said land, and do those acts necessary to prevent said mining claims from being forfeited under the laws of the State and of the United States, applicable thereto.

2. It is agreed that this lease shall extend for and remain in force for a term of Five (5) years from the date of final execution of this agreement, said term being hereinafter called "primary term", and as long thereafter as minerals are mined from or mining operations are continued by the Lessee.

(Plainview Uranium Inc., Plainview, Texas)

3. The Lessee shall pay or cause to be paid to the Lessor at the First National Bank at Las Cruces, New Mexico, which bank shall continue as a depository regardless of change in the ownership of said land, as royalties on any uranium ores mined and sold by the Lessee from the leased property, sums of money calculated and based upon an amount equal to Fifteen (15%) per cent of the mine value per dry ton. "MINE VALUE PER DRY TON", wherever used herein, is hereby defined as the dollar value per dry ton of crude ores at the mine as determined by the application to the valuable metal content of such ore of the price schedules for such ores established and currently in effect by the Atomic Energy Commission or other governmental authorized agencies, before allowance for transportation and development. It is specifically understood that any mine production bonuses shall be included in the "mine value per dry ton."

Provided, however, that if it is necessary to ship ore mined from the said claims outside of the State of New Mexico for sale of such ores, and the cost of shipment from the mine to the point of sale exceeds any amount which the government may allow for transportation charges, then the royalties shall be reduced by Fifteen (15%) per cent of the amount by which the actual transportation charges exceed the government transportation allowance. The amount paid for such transportation and the authorized deduction therefor shall be a reasonable charge and based on charges customarily made for such transportation.

However, if the government at any time hereafter does not establish or have in effect a price schedule for the purchase of such ores on a fixed or scheduled dollar value per dry ton of crude ores at the mine, or said ores contain saleable minerals, some, or all, of which are disposed of to a custom treatment plant or smelter for the treatment and beneficiation of uranium bearing ores, then mine value per dry ton shall be the gross value per dry ton of said crude ores as paid for by the Atomic Energy Comission, or other government authorized agency, mill or other buyer, less any allowances or reimbursements for the following specific items:

1. Transportation of ores;

2. Allowances paid to Lessee by the Atomic Energy Commission or other Government authorized agency for exploration for or development of ores;

3. Treatment or beneficiation of ores;

which specific items shall, in such event, be deducted from the gross sale price

STATE OF NEW MEXICO)
County of Sierra) ss.

On this 23rd day of August, 1955, before me appeared William L. Smith, to me personally known, who, being by me duly sworn did say that he is the president of Plainview Uranium Company, Inc., of the corporation or association, and that the seal affixed to said instrument is the corporate seal of said corporation and that said instrument was signed and sealed in behalf of said corporation by authority of its board of directors, and said William L. Smith acknowledged that said instrument to be the free act and deed of said corporation.

Witness my hand and seal of office the day and year last above written.

Notary Public

My commission expires:
Oct. 1, 1956

3. The Lessee shall pay or cause to be paid to the Lessor at the First National Bank at Las Cruces, New Mexico, which bank shall continue as a depository regardless of change in the ownership of said land, as royalties on any uranium ores mined and sold by the Lessee from the leased property, sums of money calculated and based upon an amount equal to Fifteen (15%) per cent of the mine value per dry ton. "MINE VALUE PER DRY TON", wherever used herein, is hereby defined as the dollar value per dry ton of crude ores at the mine as determined by the application to the valuable metal content of such ore of the price schedules for such ores established and currently in effect by the Atomic Energy Commission or other governmental authorized agencies, before allowance for transportation and development. It is specifically understood that any mine production bonuses shall be included in the "mine value per dry ton."

Provided, however, that if it is necessary to ship ore mined from the said claims outside of the State of New Mexico for sale of such ores, and the cost of shipment from the mine to the point of sale exceeds any amount which the government may allow for transportation charges, then the royalties shall be reduced by Fifteen (15%) per cent of the amount by which the actual transportation charges exceed the government transportation allowance. The amount paid for such transportation and the authorized deduction therefor shall be a reasonable charge and based on charges customarily made for such transportation.

However, if the government at any time hereafter does not establish or have in effect a price schedule for the purchase of such ores on a fixed or scheduled dollar value per dry ton of crude ores at the mine, or said ores contain saleable minerals, some, or all, of which are disposed of to a custom treatment plant or smelter for the treatment and beneficiation of uranium bearing ores, then mine value per dry ton shall be the gross value per dry ton of said crude ores as paid for by the Atomic Energy Comission, or other government authorized agency, mill or other buyer, less any allowances or reimbursements for the following specific items:

1. Transportation of ores;
2. Allowances paid to Lessee by the Atomic Energy Commission or other Government authorized agency for exploration for or development of ores;
3. Treatment or beneficiation of ores;

which specific items shall, in such event, be deducted from the gross sale price

received from the metal content of said ores by the seller before said percentage royalty is calculated and paid. Any cost of treatment or benefiaiation shall be the actual cost without any milling profit to lessee. It is specifically understood that any mine production bonuses shall be included in the the value per dry ton. When under any circumstances it is necessary for Lessee to pay for transportation of ore to the smelter and for smeltering charges for treatment of the ore over and above any amount for which Lessee is reimbursed by the government, such costs of transportation and smeltering over and above the amount Lessee is reimbursed by the government shall be deducted from the amount Lessee is paid for said ore and Lessee will pay Lessor Fifteen (15%) per cent of the balance as royalty.

Royalties are to be paid on or before the 15th day following the date of payment to Lessee for ores delivered and sold. Each royalty payment is to contain a statement showing mill return per ton for specific shipment and number of tons on which royalties are being paid.

4. The Lessee shall not be limited to any particular ore or mineral found on said premises, but shall be privileged to mine and produce any and all types and kinds of minerals metallic or non-metallic except oil and gas found thereon, and it is mutually agreed and understood that royalties due for such minerals shall be based upon the following schedule:

A. For substances other than gold, silver, copper, lead, zinc, tungsten and sulphur, the Lessee shall pay a royalty of 15% of the net mill return of all ores, minerals or metals marketed, less cost of transportation:

B. For gold, silver, copper, lead, zinc and tungsten, the Lessee shall pay a royalty of 15% of the net mill return less cost of transportation, or 15% of the value of bullion as shown by mint returns after deducting transportation and forwarding charges and treatment or smelter charges;

C. For sulphur the Lessee shall pay a royalty of Fifty (50¢) Cents per long ton on all sulphur mined and sold from the leased premises.

5. If mining operations on said Land have not commenced on or before the expiration of six (6) months after this lease is delivered to and becomes the property of Lessee, the Lessee on or before that date shall pay or tender to the Lessor or to the Lessor's credit in the First National Bank at Las Cruces, New Mexico, or its successor, which shall continue as the depository regardless of change in the ownership of said land, the sum of Three Hundred ($300.00) Dollars which shall operate as a rental and cover the privilege of deferring the com-

mencement of mining operations for One (1) month from said date. In like manner and upon like payments or tender the commencement of mining operations may be further deferred for like periods of the same number of months successively. And it is understood and agreed that the consideration first recited herein, the down payment, covers not only the privilege granted to the date when said first rental is payable as aforesaid, but also any and all other rights conferred herein.

6. After mining operations have been commenced Lessee may cease operations for any period of six (6) months. If Lessee ceases operations for a longer period than six (6) months, the lease will terminate unless Lessee pays or tenders to Lessor the sum of Three Hundred ($300.00) Dollars per month until such time as mining operations are commenced.

7. The term "mining operations" shall include such exploratory work on the ground as drilling and probing for minerals as well as the actual extraction and sale of minerals from said land. In the event that said Lessee or his assigns, by reason of failure to find ore in paying quantities, or for other reasons, desires the cancellation of this lease, or any part thereof, that they may terminate and cancel same by having made out and delivered to the Lessor such release or cancellation paper as that, when placed upon the county records, will remove any cloud upon same, in which event Lessee shall be relieved of all obligations hereunder.

8. If, at the expiration of the primary term of this lease, uranium or other minerals are not being produced or mined on the leased premises, but Lessee is then engaged in conducting mining operations on said land for the purpose of producing minerals, then this lease shall continue in force so long as said mining operations are being continuously prosecuted on the leased premises, and mining operations shall be considered to be continuously prosecuted if not more than six (6) months shall elapse between the abandonment of one mine and the beginning of operations for the mining of minerals at a different location on said group. If minerals of any kind or character, with the exception of oil and gas, shall be discovered and produced from said land during or after the expiration of the primary term of this lease, this lease shall continue in force so long as minerals shall be produced upon the leased premises. If after minerals have once been produced in paying quantities then Lessee may cease operations

for any period of six (6) months and this lease shall continue in force nevertheless, and if after the expiration of said six (6) months' period mining operations are agains commenced this lease shall continue in force regardless of whether or not minerals are then being produced.

9. It is specifically agreed that in the event minerals are being produced or are obtained from said premises after the expiration of the primary term hereof, and after recovery of minerals shall for any reason cease or terminate, Lessee shall have the right at any time within six (6) months from the cessation of such recovery of minerals to resume mining operations in the effort to make said leased premises again produce minerals or to recover minerals therefrom, in which event this lease shall remain in force so long as such operations are continuously prosecuted as defined in the preceding paragraph, and if they result in the production of minerals in paying quantities, so long as minerals of any kind or character are produced thereafter from said premises, with the exception of oil and gas.

10. If said Lessor owns a less interest in the above described land than the entire and undivided fee simple estate or no interest therein, then the royalties and rentals herein provided for shall be paid the said Lessor only in proportion which Lessor's interest, if any, bears to the whole and undivided fee.

11. Lessee shall have the right to use, free of cost, water produced on said land for all operations thereon, except from water wells of Lessor. When requested by Lessor, Lessee shall not commence mining operations within 300 yards to the house or barn now on said premises without the written consent of the Lessor. Lessee shall pay for damages caused by all operations to growing crops on said land. Lessee shall have the right at any time to remove all machinery and fixtures placed on said premises.

12. If the estate of either party hereto is assigned--and the privilege of assigning in whole or in part is expressly allowed--the covenants hereof shall extend to their heirs, executors, administrators, successors, or assigns, but not change in the ownership of the land or assignment of rentals or royalties shall be binding on the Lessee until after the Lessee has been furnished with a written transfer or assignment, or a certified copy thereof; and it is hereby agreed that in the event this lease shall be assigned as to a part or as to parts of the above described lands and the assignee or assignees of such part or parts shall

fail or make default in the payment of the proportionate part of the rents due from him or them, such default shall not operate to defeat or affect this lease so far as it covers a part or parts of said land upon which the said Lessee or any assignees thereof shall make due payment of said rental.

13. Lessee shall have the exclusive right to build, operate and maintain such buildings, blacksmith shops, and any and all other facilities necessary to carry on a successful mining operation, and all improvements placed on or attached to the land are hereby agreed to remain the personal property of Lessee, and subject to the removal from said mining claims by Lessee; provided, however, that Lessee shall not remove shaft timbers or similar property where the removal would result in substantial damage or destruction of the value of said claims for mining purposes.

14. Lessor shall be priviledged to inspect the leased premises at reasonable times and intervals, and to inspect the bills and records of Lessee relating to results of exploration and development, and to shipment and sale of ores; Lessor shall be privileged to post said property against mechanic, materialmen, or general contractor liens.

15. Lessee agrees to pay just charges for labor and materials as and when due and to be responsible for any liens or encumbrances by them granted on their property and hold Lessor free and harmless therefrom.

16. The breach by Lessee of any obligation arising hereunder shall not work a forfeiture or termination of this lease nor cause a termination or reversion of the estate created hereby nor be grounds for cancellation hereof in whole or in part. In the event Lessor considers that operations are not at any time being conducted in compliance with this lease, Lessor shall notify Lessee in writing of the facts relied upon as constituting a breach hereof, and Lessee, if in default, shall have sixty days after receipt of such notice in which to commence the compliance with the obligations imposed by virtue of this instrument. After the discovery of minerals other than oil and gas in paying quantities on said premises, Lessee shall reasonably develop the acreage retained hereunder. This lease shall not be terminated for any reason, including non payment of rentals for the privilege of deferring operations, until and unless the notice is given Lessee as provided in this paragraph.

17. Title to the minerals vested in grantee under this grant shall not end or revert to grantor until there is complete, absolute and intentional abandonment by grantee of each and all of the purposes, expressed or implied, of this grant and every part and parcel of the premises described in this grant.

18. Lessor hereby warrants and agrees to defend the right to possession and right to mine premises herein described, and warrants that the above described claims are good and valid unpatented mining claims filed in accordance with all State and Federal laws on Federal public domain land, and that the legal monuments of said claims conform to the plat of survey description of said claims shown on "Exhibit A" attached hereto; and lessor agrees that the Lessee shall have the right at any time to redeem for Lessor by payment any mortgages, taxes or other liens or interest and other charges on the above described lands in the event of default of payment by Lessor and be subrogated to the rights of holder thereof and to deduct amounts so paid from rentals or other payments due or which may become due under this lease.

19. It is expressly agreed and understood that should the State and County assess for taxation the minerals in the ground, then, the Lessee herein, or his assigns, shall pay as the Lessee's proportion, 85/100 and the Lessor herein shall pay 15/100 of said taxes.

20. All express or implied covenants of this lease shall be subject to all Federal and State laws, Executive orders, rules or regulations and this lease shall not be terminated, in whole or in part, nor lessee held liable in damages for failure to comply therewith, if compliance is prevented by, or if such failure is the result of, any such law, order, rule or regulation. And if from such cause, or from other cause or casualty beyond the control of and not the fault of Lessee, Lessee is prevented from conducting mining or reworking operations on or producing minerals from the leased premises, the time while Lessee is so prevented shall not be counted against Lessee, and this lease shall be extended for a period of time equal to that during which such lessee is so prevented from conducting mining or reworking operations on or producing minerals from, such leased premises, notwithstanding any other provision hereof.

21. Wherever the word "minerals" is used in this lease it shall include uranium, copper, iron, sulphur and any other kind of minerals, and all ore, soil, or rock from which minerals may be refined or extracted therefrom, except

that it is specifically understood and agreed that this lease does not cover oil and natural gas.

22. This agreement shall extend to and be binding upon the heirs, executors, administrators, successors and assigns of the parties hereto, and the parties severally acknowledge receipt of executed copies of this agreement, each to be considered as an original.

IN WITNESS WHEREOF, we sign, this twenty-third day of August, 1955.

Bennie Samaniego
Lessor

Clyde R. Wofford
Lessor

Annye M. Wofford
Lessor

Marguerite G. Samaniego
Lessor

Plainview Uranium Company, Inc.,
A Corporation

By William L. Smith
Lessee

STATE OF NEW MEXICO)
) ss.
County of Sierra)

On this 23rd day of August 1955, before me personally appeared Bennie Samaniego and Clyde R. Wofford

known to me to be the persons described in and who executed the foregoing instrument, and acknowledged that they executed the same as their free act and deed.

Witness my hand and seal of office this 23rd day of August, 1955.

J. R. Nelson
Notary Public, Sierra County, New Mexico.

My commission expires:

October 1, 1956

On this 23rd day of August 1955, before me personally appeared Annye M. Wofford and Marguerite G. Samaniego
Known to me to be the persons described in and who executed the foregoing instrument, and acknowledged that they executed the same as their free act and deed.

Lloyd A. Coleman
Notary Public Doña Ana County, N.M.

My Comm. Expires
Aug. 15, 1956

STATE OF NEW MEXICO)
County of Sierra) ss.

On this 23rd day of August, 1955, before me appeared William L. Smith, to me personally known, who, being by me duly sworn did say that he is the president of Plainview Uranium Company, Inc., of the corporation or association, and that the seal affixed to said instrument is the corporate seal of said corporation and that said instrument was signed and sealed in behalf of said corporation by authority of its board of directors, and said William L. Smith acknowledged that said instrument to be the free act and deed of said corporation.

Witness my hand and seal of office the day and year last above written.

Notary Public

My commission expires:
Oct. 1, 1956

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

RECEIVED
OCT 11 1956

224 New Customhouse
Denver 2, Colorado

October 8, 1956

Memorandum

To: Secretary to the Operating Committee

From: DMEA Field Team, Region III

Subject: Application for DMEA Aid (Uranium) Plainview Uranium Inc., (Paran Hill Claims) Sierra County, New Mexico

Enclosed are three copies of the subject application for Stage I drilling, in the amount of $26,447.50. One copy of the application is being retained in our files.

DMEA FIELD TEAM, Region III

E. N. Harshman

E. N. Harshman
Acting Executive Officer

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

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

DMEA
DEPARTMENT OF THE INTERIOR
OCT 8 1956
REGION III
DENVER, COLORADO

Not to be filled in by applicant

Docket No. 4499.
Metal or Mineral Uranium
Date Received 10-11-56
Estimated Cost $ 26,447.50
Participation (Government %)

RECEIVED
OCT 11 1956

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: SEE ATTACHED "EXHIBIT" FOR ANSWERS TO THESE QUESTIONS.

(*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

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

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

(*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

(*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.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

[X] Money [X] Use of equipment owned by you [ ] 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 July 14, 1956

PLAINVIEW URANIUM, INC.

(Applicant)

By Charles W. Vandegrift

President

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

E X H I B I T

ANSWERS TO QUESTIONS ON FORM MF-103

1. NAME OF APPLICANT.
   (a) Plainview Uranium, Inc.
   (b) A corporation incorporated in the State of Texas.
   (c) Charles Vanderpoel, 719 Broadway, Plainview, Texas, President.
   William L. Smith, Viegel Building, Plainview, Texas, Secretary.

3. APPLICANT'S PROPERTY RIGHTS.
   (a) The Six (6) unpatented lode mining claims designated as the Paran Group, and specifically named the Paran No. 1, Paran No. 5, Paran No. 7, Paran No. 11, Paran No. 12 and Paran Hill No. 1, being adjoining and contiguous claims, and each being 600 feet in width and 1500 feet in length and lying in Sections 27 and 34, Township 17 South, Range 4 West, New Mexico Principal Meridian, and in the Derry Mining District, Sierra County, New Mexico.
   (b) No mine name.
   (c) Lessee.
   (d) Four (4) photographic copies of mineral lease included herewith.
   (e) Not applicable
   (f) Paran Hill No. 1 - Book "T", Page 580, Sierra County, N. M.
   Paran No. 1 - Book "T", Page 580, Sierra County, N. M.
   Paran No. 5 - Book "T", Page 598, Sierra County, N. M.
   Paran No. 7 - Book "T", Page 599, Sierra County, N. M.
   Paran No. 11 - Book "T", Page 601, Sierra County, N. M.
   Paran No. 12 - Book "T", Page 602, Sierra County, N. M.

RECEIVED
OCT 11 1956

4. PHYSICAL DESCRIPTION.
   (a) through (e) For answers to these questions see attached property report. Present workings are accessible for examination purposes. Said workings are located eight (8) miles from Garfield, New Mexico.

5. THE EXPLORATION PROJECT.
   (a) Uranium
   (b) See attached property report.
   (c) The work will start within ten (10) days and be completed within eighteen (18) months and ten (10) days from the date of an exploration project contract.
   (d) Mr. Paul Whelan, Consulting Geophysicist, will supervise the operations of the partnership.
   (e) He has eight (8) years experience in exploration geophysics and two and one-half ($2\frac{1}{2}$) years in a supervisory capacity in uranium and thorium exploration; especially aerial prospecting, core and plug drilling, in charge of claim staking, surveying, road building operations, strip mining operations and property evaluation in southern, central and northwest New Mexico, southern Colorado, Southeast Utah and central and northeast Wyoming.

PLAINVIEW URANIUM, INC.
Plainview, Texas

6. Estimate of Costs: (FOR STAGE #1 ONLY)

(a)	Independent Contracts		
	(1)Plug bit drilling	2835 ft. at $3.50/ft.	-$ 9,922.50
	(2)Core drilling	1110 ft. at $5.00/ft.	-$ 5,550.00
	(3)Bulldozing	120 hrs. at $14.00/hr.	-$ 1,680.00
		TOTAL	$17,152.50
(b)	Labor, Supervision, Consulting		
	(1)Supervisor	20 days at $75.00/ day	$ 1,500.00
	(2)Labor driving water truck	9 months at $325.00/mo.	$ 2,925.00
	(3)Final Engineer's Report		$ 1,000.00
		TOTAL	$ 5,425.00
(c)	Operating Materials and Supplies		
	(1)Gas and Oil-hauling water-		$ 1,080.00
	(2)Explosives		$ 150.00
		TOTAL	$ 1,230.00
(d)	Operating Equipment		
	(1)Rentals for radiometric assay and deep hole probing equipment		$ 900.00
		TOTAL	$ 900.00
(e)	Rehabilitation and Repairs		NONE
(f)	New Buildings, Improvements, Installations		NONE
(g)	Miscellaneous		
	(1)Repairs and Maintenance		$ 300.00
	(2)Analytical Work		$ 850.00
	(3)Accounting		$ 350.00
	(4)Workmen's Compemsation and Liability		$ 180.00
	(5)Payroll Taxes		$ 60.00
		TOTAL	$ 1,740.00

GRAND TOTAL FOR STAGE #1---------- $26,447.50

7. (a) YES
(b) Money

PROPERTY REPORT AND SUMMARY OF EXPLORATION PROGRAM

Please note the attached map of these six claims and the enclosed copies of letters from assayers and geologists regarding samples taken from the surface exposure on these claims along the Garfield fault, which is represented locally by an exposure of about 12 ft. of mostly quartz, which contains uranium in the mineral uranophane. We propose that the conditions are excellent for the possibility of primary ore at depth. Also enclosed is a hole location plat and radiometric logs of each hole that has been previously drilled (with a wagon drill).

The information on the proposed drilling program is tabulated on page 2 and on the large plat. No attempt has been made to detail the work of Stages 2 and 3 of the project as we feel that the information from Stage no. 1 would very probably change anything that we could plan now. At the completion of Stage no. 1 we propose to initiate more drilling to complement Stage no. 1 and to furnish information for Stage no. 3, which would probably consist mostly of exploratory shaft work (see plat) as well as a few short drifts to check on shallow secondary deposits.

Respectfully submitted,

Paul Whelan

Paul Whelan, Geophysicist

for: Plainview Uranium, Inc.

PROPOSED DRILLING IN STAGE No. 1

(see plat for locations of drill sites)

Drill Hole Location	Hole No.	Angle off Vertical	Direction	Depth
#1	no.1 Core	13°	190°	260 ft.
#1	no.2 Plug bit	13°	190°	360 ft.
#2	no.3Plug bit	13°	190°	260 ft.
#2	no.4 Core	13°	190°	360 ft.
#3	no.5 Plug bit	13°	195°	260 ft.
#3	no.6 Plug bit	13°	195°	360 ft.
#4	no.7 Plug bit	43°	345°	210 ft.
#4	no.8 Plug bit	28°	345°	275 ft.
#5	no.9 Plug bit	43°	342°	210 ft.
#5	no.10 Core	28°	342°	275 ft.
#6	no.11 Core	40°	340°	215 ft.
#6	no.12Plug bit	25°	340°	280 ft.
#7	no.13Plug bit	13°	190°	260 ft.
#7	no.14Plug bit	13°	190°	360 ft.

JOY MANUFACTURING COMPANY
900 WOODLAND AVENUE
MICHIGAN CITY, INDIANA

September 12, 1956

EXECUTIVE OFFICES
HENRY W. OLIVER BUILDING
PITTSBURGH 22, PA.

AIR MAIL

Mr. Paul Whelan
P.O. Box 3074
Lubbock, Texas

Dear Sir:

Your letter dated August 18th with regard to proposed drilling near Garfield, New Mexico has been forwarded to this office here for disposition.

We note from the drawing which accompanied your letter that there will be approximately 2,000 ft. of drilling, the greater percentage of which will be drilled with a plug bit and the balance by coring methods. We further note that all of the holes will be drilled in an angle direction and that the maximum depth of the holes will be 400 ft.

On the condition that there will be approximately 2,000 ft. of drilling, we will undertake the work at a price of $5.00 per ft. for drilling with "BX" fittings which will produce 1 5/8" diameter cores. The price for drilling with a plug bit in such material that will lend itself economically to plug bit drilling will be at the rate of $3.50 per ft.

In addition to the above, we would expect you to furnish us with an ample supply of water for drilling purposes at the location of each hole, and furnish suitable access roads to each drill hole location. If it is your desire to save cores of the drilling, then it would be necessary that you furnish the proper containers for same.

We do not anticipate any reaming, casing or cementing of the drill holes, but in the event such work is necessary in order to reach the required depths, then there would be a charge made for such work at the rate of $60.00 per 8-hour shift plus cost of materials used up and plus any casing lost or ordered left in place. Delays, if any, on your part, would be invoiced at the rate of $60.00 per 8-hour shift.

We will furnish for this proposed drilling one of our Joy #12-B gasoline driven core drills complete with operating equipment, and will conduct the drilling operations on the basis of one or two 8-hour shifts per day and not less than six days per week. We are in a position to start the work within 30 days after date of acceptance of this proposition.

If the conditions as set forth above are acceptable, please advise and we will then forward our formal agreement to cover.

Yours truly,

JOY MANUFACTURING COMPANY

W. J. Pilarski, Mgr.
Contract Drill Division

WJP/et

W. PERRY SMITH

Drilling Contractor

Plainview Uranium, Inc.
Plainview, Texas

Dear Sirs,

Regarding your property at Garfield, New Mexico, I will take the drilling contract on the following basis:

17/8" hole or larger at my option, of 1500 feet minimum at 4.00 per foot

1 5/8" or larger core at 5.50 per foot

Stand-by time at 40.00 per man day.

It is understood that you will furnish drill sites and haul all drilling water, and furnish sample sacks and core holders as required.

sincerely yours,

W. Perry Smith

W. Perry Smith

Readings Taken With Babbel Counter
Calibrated to Read in 100ths of 1%

(HOLES PREVIOUSLY DRILLED) SEE NEXT PAGE FOR LOCATIONS

Hole #1

1-5'	1
6-8'	2
9-12'	0
13'	13
14-15'	2
16-17'	4
18'	6
19'	13
20'	6
21'	7
22'	6
23'	7
24-34'	2
33-35'	3
36'	4
37'	3
38-50'	2

Hole #2

1-5'	1
6-10'	2
11-12'	4
13-24'	3
25-26'	4
27-38'	2

Hole #3

1-35'	1
36'	3
37-40'	2

Hole #4

1-5'	1
6'	3
7-11'	1
12'	3
13-30'	0

Hole #5

1-30'	0

Hole #6

1-29'	1
30-31'	3
32-33'	2
34-36'	3
36'	4
37-39'	3
40-42'	2
43'	4
44-54'	2
55-61'	3
62-76'	2
77-79'	5
80-87'	2
88'	4
89-102'	3
104-5'	7
106-112'	3

Hole #7

1-13'	1
14'	3
15-21'	1
22-23'	3
24-25'	2

Hole #8

1-19'	0

Hole #8A

1-2'	2
3-5'	4
6-23'	0

Hole #9

1-3'	3
4'	2
5'	4
6-7'	3
8-9'	1
10'	3
11-27'	1
28-29'	3
30-45'	1

Hole #11

1-32'	1
33-34'	3
35-46'	2
47'	3

Hole #27

1-41'	1
42-49'	3
50'	6
51'	11
52'	10
53-55'	3
56'	5
57-59'	3
60'	4
61-66'	3
67-68'	7

UNITED STATES
ATOMIC ENERGY COMMISSION
DIVISION OF RAW MATERIALS

In reply refer to:
ASO: TIS: ms

January 6, 1956

Bennie Samaniego
937 S. Melendres Street
Las Cruces, New Mexico

Dear Mr. Samaniego:

This will acknowledge receipt of your letter dated January 3, 1956.

Listed below are the results of assay of the two (2) samples taken from your property:

	Field No.	Radiometric % eU_3O_8	Chemical % U_3O_8	% ThO_2
(#1)	F-32563	5.3	8.13	---
(#2)	F-32564	0.020	----	---

If we can be of any further service to you, please feel free to call on us.

Sincerely yours,

Thomas I. Sharps, Geologist

Form No. Met. IV-2
(October 1953)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
Southwest Experiment Station

P. O. Box 4097
Tucson 5, Arizona

Bennie Samaniego
937 S. Melendres Street
Las Cruces, New Mexico

January 18, 1955

RADIOACTIVE SAMPLE REPORT

Sample Reference No.: UP-2111

Name and Location of Property: Paran Claims
Sec. 27, T-17-S, R-4-W
Sierra County, New Mexico

Nature and Analysis of Sample: Radiometric analysis of your samples indicates sample No. 1 (#3) contains 2.25 percent equivalent U_3O_8, and sample No. 2 (#4) contains 0.07 percent equivalent U_3O_8.

Microscopic examination of your two samples are as follows: Sample No. 1 is composed of quartz, opal, limonite, clay and the uranium mineral occurs as uranophane. Sample No. 2 is composed of clay, calcite, limonite and yellow colored stains of uranophane.

Remarks:

Signed Walter R. Storms

Walter R. Storms
Superintendent
Southwest Experiment Station

IN REPLY REFER TO:

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

January 5, 1955

RECEIVED
OCT 11 1956

Mr. Bennie Samaniego
937 S. Melendres
Las Cruces, New Mexico

Dear Mr. Samaniego:

The material you sent has been examined in this laboratory.

Your sample, approximate weight 1 lb., has been given the number RW-6913. It consists of quartz, sedimentary rock, and uranophane. (#5) The sample contains 4.0% uranium. This assay was made for the Atomic Energy Commission and is being sent to you at the Commission's specific request. Should the material represented by this sample occur in sufficiently large tonnages the deposit may be of commercial interest. The enclosed circulars explain the specifications as to grade and quantity set forth by the Atomic Energy Commission for mine and concentration products.

The Geological Survey would appreciate receiving any further information concerning the exact location, size, and type of deposit from which the sample was taken. A form and stamped envelope are enclosed for your convenience in recording this information. Upon completion of this form please forward to Mr. A. H. Koschmann, Denver Federal Center, Bldg. 25, Denver, Colorado. Such information will be held in strict confidence and will not be revealed to unauthorized persons. If, upon receipt of such information, further investigation seems warranted, the Geological Survey would be interested in arranging to make a brief examination of the locality for uranium when a field party is available.

Additional samples to be examined for radioactivity should be sent to the U. S. Geological Survey Laboratory, Building 213, Naval Gun Factory, Washington 25, D. C. Thank you for sending this material. We would like to retain a small part of this material; the rest will be held for 30 days from the date of this letter when it will be discarded unless you indicate a desire to have it returned.

Sincerely yours,

Hugh A. Waesche

Hugh A. Waesche, Liaison Officer
Atomic Energy Commission Program
Geochemistry and Petrology Branch

Enclosures

UNITED STATES
ATOMIC ENERGY COMMISSION
DIVISION OF RAW MATERIALS

ADDRESS REPLY TO:

U. S. ATOMIC ENERGY COMMISSION
DIVISION OF RAW MATERIALS
DENVER EXPLORATION BRANCH
P. O. BOX 7647, LAKEWOOD BRANCH
DENVER 15, COLORADO

and refer to: DRE:EL:ge

August 9, 1954

Mr. Bennie Samoniego
937 South Melchares
Las Cruces, New Mexico

Dear Mr. Samoniego:

Results of assay of three samples, submitted through our Albuquerque Sub-office, are as follows:

	Field No.	Radiometric % U_3O_8	Chemical % U_3O_8
(#6)	F-16473	1.8	1.7
(#7)	F-16474	0.025	-
(#8)	F-16475	0.015	-

Radiometric analysis is essentially a very accurate comparison of the radioactivity exhibited by the sample to that of a standard sample of known uranium content. Results by chemical method are the more significant.

Any questions you may have on these samples should be addressed to:

U. S. Atomic Energy Commission
Albuquerque Sub-office
P. O. Box 3095, Station B
Albuquerque, New Mexico

Sincerely yours,

Eugene L. Grossman

Eugene L. Grossman
Mining Engineer
Denver Exploration Branch

In reply refer to:
ASO: TSN:mp

October 12, 1955

RECEIVED
OCT 11 1955

Bennie Samaniego
937 S. Melendres
Las Cruces, New Mexico

Dear Mr. Samaniego:

Results of a radiometric assay on two (2) samples taken from your property are as follows:

Field No.	Radiometric % eU_3O_8
(#9) F-32563	11.9
(#10) F-32564	0.053

The samples are being sent to our Denver laboratory for chemical analysis. The results of this analysis will be forwarded to you as soon as they are received by this office.

Sincerely yours,

Thomas S. Nye

Thomas S. Nye, Geologist

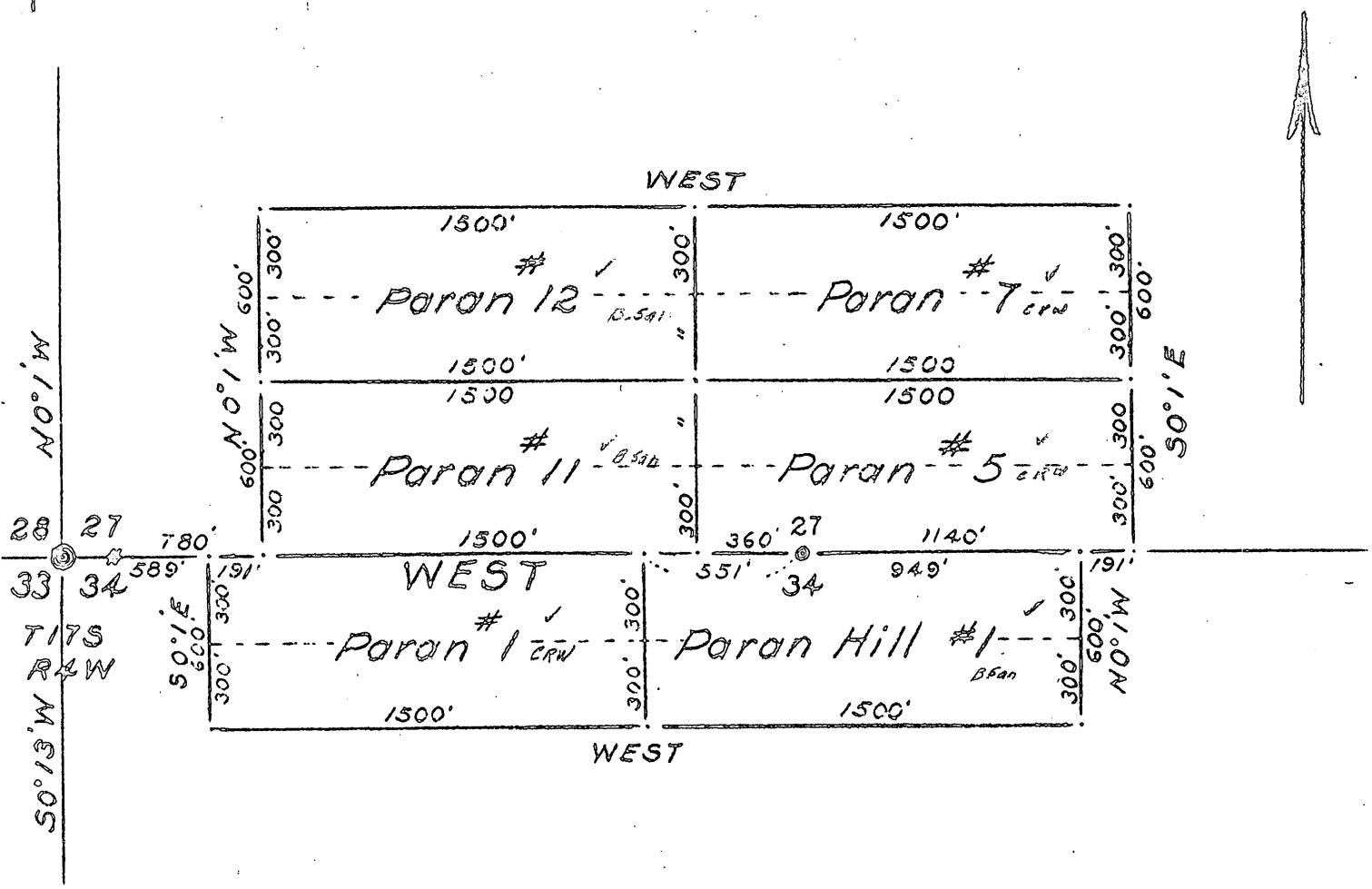
(Plainview Uranium Inc., Plainview, Texas)

PLAT OF SURVEY
PARAN·MINING·CLAIMS
SECS. 27 & 34, T17S, R4W, N.M.P.M.

DERRY, SIERRA CO., N. MEX.

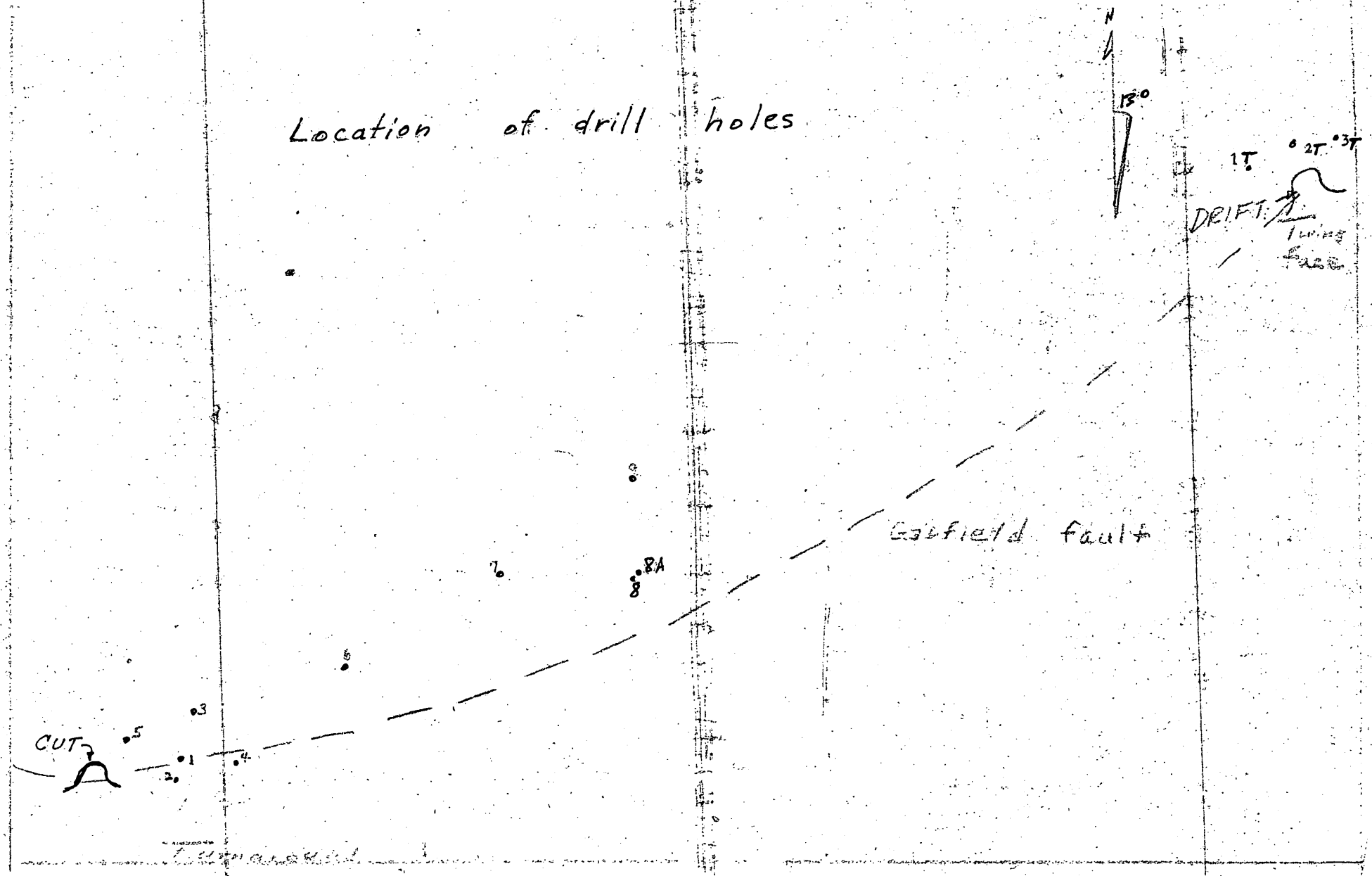
SCALE, 1" = 600'

JUNE 1955



John R. Kintzer
By W. B. Magallanes

JOHN R. KINTZER
REGISTERED SURVEYOR
LAS CRUCES, N. MEX.


Location of drill holes
N
13.0
1T
2T
3T
DRIFT
Twins face
Garfield fault
8A
8
7
6
5
3
CUT
5
1
2
4

PRS 1926

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
9/26	Murphy	700
9/27	Ellis	700
"	Johnson	110
"	Mittendorf	100
		220
		225

SEP 27 1957

Hon. Clinton P. Anderson
United States Senate
Washington 25, D. C.

Re: Docket No. DMEA-4499 (Uranium)
Plainview Uranium, Inc.
Paran Hill, et al., Claims
Sierra County, New Mexico

Dear Senator Anderson:

This is in response to your letter of September 23, 1957, relating to the above-referenced application.

The Applicant was informed in a letter, dated January 23, 1957, that, based on the information available to this Agency, we could not justify Government participation in a project to explore the subject claims and, therefore, its application was denied.

For your information, the denial was based, in part, on the fact that the surface showings, in the most radioactive part of the claims along a vertical east-west fault zone, did not reveal significant uranium mineralization. Also, data on the probing of holes drilled by the Applicant adjacent to the fault zone indicate that radioactivity does not increase at depth. Hence, in our opinion, there is little probability that ore-grade material would be discovered by the proposed project.

If you require additional information relating to the subject application, please advise me.

Sincerely yours,

C. O. Mittendorf (for)
Administrator

FMMurphy/gla
9-26-57
cc to: Admr.'s Reading File
MR
DL
DCCO
THKillsgaard, Rm. 5224
DMEA Field Team, Region III (2) w/2cc incoming letter
Mr. Murphy

8623

HARRY FLOOD BYRD, VA., CHAIRMAN
ROBERT S. KERR, OKLA. EDWARD MARTIN, PA.
J. ALLEN FREAR, JR., DEL. JOHN J. WILLIAMS, DEL.
RUSSELL B. LONG, LA. RALPH E. FLANDERS, VT.
GEORGE A. SMATHERS, FLA. GEORGE W. MALONE, NEV.
CLINTON P. ANDERSON, N. MEX. FRANK CARLSON, KANS.
PAUL H. DOUGLAS, ILL. WALLACE F. BENNETT, UTAH
ALBERT GORE, TENN. WILLIAM E. JENNER, IND.
ELIZABETH B. SPRINGER, CHIEF CLERK

RECEIVED SEP 26 1957

DATE	INITIALS	CODE
9/26	C	226
		700

FILE COPY

United States Senate

COMMITTEE ON FINANCE

September 23, 1957

PRS
SEP 25 1957 926

TO: MDM	
REPLY TO BE PREPARED BY:	MDM
FOR SIGNATURE OF:	MDM
COPY OF LETTER FURNISHED	
DL MR	
SEND REPLY COPY TO ABOVE	

Mr. C. O. Mittendorf, Administrator
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Dear Mr. Mittendorf:

My attention has been called to the application for a DMEA loan by the Plainview Uranium, Inc., your Docket No. DMEA-4499 (Uranium). I understand that this company paid a bonus for this property on recommendation from geologists and on the basis of good readings on outcroppings and surface assay reports. They now need to do core drilling to establish quality and tonnage and have, therefore, made an application for a loan.

I should greatly appreciate any review which your office might make in the above case and any information which you may be able to give me once this review has been made.

Sincerely yours,

Clinton P. Anderson

Clinton P. Anderson

CPA:O

DMEA Form 7
(12-56)

700

OFFICIAL FILE COPY

Date	Surname	Code
1-22	Murphy	700
1-22	Ellis	700
1/23	Selvidge	130
	F. Glass	110
"	Mittendorf	100
1-24	CWD	220

JAN 23 1957

Mr. Charles W. Vanderpoel, President
Plainview Uranium, Inc.
719 Broadway
Plainview, Texas

Re: Docket No. DMEA-4499 (Uranium) Paone
Paran Hill, et al., Claims
Sierra County, New Mexico

Dear Mr. Vanderpoel:

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, although noting some uranium mineralization on your property, 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 (for)

Administrator

FMMurphy/izm 1-22-57
cc to: Code 700
Mr. Murphy
Admr.'s Reading File
Operating Committee
Messrs. JECrawford, 3643
THKiilsgaard, 5224
JKratchman, AEC

DMEA FT Reg. 3 (2)

8623

Docket
700
Murphy
Ellis

January 22, 1957

Summary of Proposed Project

Object: Denial of application for exploration aid.

Docket No.: DMEA-4499

Commodity: Uranium

Applicant: Plainview Uranium, Inc.
Charles Vanderpoel, President
719 Broadway
Plainview, Texas

Property Rights: Lease on 6 claims called Paran Hills property. The claims are situated in secs. 27 and 34, T. 17 S., R. 4 W., Sierra County, New Mexico.

Date of Application: July 14, 1956

Application received in Region III: October 8, 1956

Application received in Washington: October 11, 1956

Referred to Region III: October 26, 1956

Field examination made: December 4, 1956

Field Report received: December 31, 1956

Work Proposed: 14 inclined plugbit and core holes, with two holes being drilled from each of seven stations located on either side of a fault.

Estimated Costs:

Plug bit drilling, 2,835 ft. @ $3.50/ft.	$9,922.50	
Core drilling, 1,110 ft. @ $5.00/ft.	5,550.00	
Bulldozing, 120 hrs. @ $14.00/hr.	1,680.00	
Labor, Supervision, Consulting	5,425.00	
Materials and Supplies	1,230.00	
Equipment (rental)	900.00	
Miscellaneous	1,740.00	
Total		$26,447.50

Excerpts from Field Team Report:

At the property a vertical east-west fault, locally called the Garfield fault, is expressed as a brecciated and silicified ridge-like zone about 50 to 60 feet wide in limestones. Throw on the fault in some part of the area is believed to be as much as 2,000 feet.

Exploration work in the property consists of 11 wagon drilled holes ranging from 23 feet to 112 feet in depth and excavating two pits.

A detailed radioactivity survey, made available to the examining engineers by AEC, indicates that the highest readings were obtained in the vicinity of the two pits. Radioactivity elsewhere on the property and along the fault is low, with some slight increase at the junction of east-west fractures with the Garfield fault.

The only known production from the property was a 10-ton shipment, made in 1956 to the mill at Gallup, which averaged 0.05% U_3O_8.

Data on the Applicant's probing of the wagon drill holes adjacent to the fault zone do not indicate an increase of radioactivity at depth. Visual inspection and a detailed check of the two pits with a Geiger counter did not reveal any significant indications of possible ore-grade material.

The field examiners and Field Team recommended that the subject application be denied.

Commodity Member's Comments:

USBM, J. E. Crawford, January 7, 1957:

Mr. Crawford concurs in the Field Team's recommendation for denial of the application.

USGS, N. E. Nelson, January 17, 1957:

Mr. Nelson notes that the surface showings on the property does not merit further work and as there is no reason for thinking the mineralization will increase with depth, the proposed drilling cannot be justified.

Mr. Nelson concurs in the Field Team's recommendation for denial of the application.

Rare & Miscellaneous Metals Div., F. M. Murphy, January 22, 1957:

A detailed radiometric survey made by AEC and an examination made by USGS for DMEA indicate that, because of the low-radioactivity noted along the fault there is little possibility that the proposed exploration work would result in a discovery of ore grade uranium-bearing rock.

Conclusion and Recommendation:

Based on the field examiners report additional drilling on the subject property cannot be justified. Therefore, this Division concurs in the Field Team's recommendation that the application be denied.

Ernest Wm. Ellis, Chief
Rare and Miscellaneous
Metals Division

IN REPLY REFER TO:

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

RECEIVED JAN 18 1957

DATE	INITIALS	CODE
1-18	CW	220
1-18	Murphy	700

complete

January 17, 1957
Re: DMEA 4499
Plainview Uranium, Inc.
Paran Hills, etc. claims
Sierra County, New Mexico
$26,447.50 - Uranium

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, initially by drilling, a fault zone in limestone, from which good grade uranium bearing samples appear to have been taken. Due to silicification along the zone, a resistant ridge is formed. The area along the fault zone has been surveyed for radioactivity by the A.E.C. Except for exposures near two pits 800 feet apart, the reported radioactivity is not such as to suggest the presence of ore grade material.

Readings made by the examiners showed few above background and a 2-foot sample taken in the West Pit, the site of the best samples taken by the applicant, analysed less than 0.01% U_3O_8. A 10-ton shipment from the same locality contained only 0.05% U_3O_8.

Judging by the accumulated evidence, the surface showing does not merit further work and as there is no reason for thinking the mineralization will increase with depth, the proposed drilling cannot be justified. The examiners and the Field Team recommend that the application be denied.

I concur with the recommendation.

N. E. Nelson

N. E. Nelson

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

OFFICIAL FILE COPY
DMEA
RECEIVED JAN 7 1957

DATE	INITIALS	CODE
1-8-57	M	70-0

Date January 7, 1957

DMEA Docket No. 4499
DMEA Contract No.
Commodity Uranium
Name of applicant Plainview Uranium, Inc.
Name of property Paran Hills, et al claims
Location of property Sierra County, New Mexico
Estimated cost of project $26,447.50

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee

From: John E. Crawford, Bureau of Mines Member
Uranium Commodity Comittee

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

1. Date of subject document: 12/20/56. 2. Date received by reviewer: 1/2/57.

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) Mr. J. O. Hosted, Washington representative of the Atomic Energy Commission, assisted in the review.

JAN 3 1957 gla

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

224 New Customhouse
Denver 2, Colorado

December 28, 1956

RECEIVED DEC 31 1956

Memorandum

To: Secretary to the Operating Committee

From: DMEA Field Team, Region III

Subject: Geologic Report of Examination Docket DMEA 4499 (Uranium) Plainview Uranium, Inc. (Paran Hills, et al claims) Sierra County, New Mexico.

Enclosed are the original and three copies of a report on the subject property, by J. M. Faick and W. L. Emerick of the Geological Survey. The Bureau of Mines did not participate in the examination.

The field examiners conclude, from geologic examination and from a study of the AEC radioactivity survey, that significant amounts of uranium ore are not present on the property. They recommend that the application be denied. We concur in this recommendation.

DMEA Field Team, Region III

W. M. Traver

By W. M. Traver
Executive Officer

Enclosures

Reviewed by
DMEA OPERATING COMMITTEE
1/2/57
(date)

DMEA
DEPARTMENT OF THE INTERIOR
DEC 27 1956
REGION III
DENVER, COLORADO

MINERAL [illegible]
RECEIVED
DEC 26 1956
U. S.
GEOLOGICAL SURVEY
DENVER, COLORADO

Box 4126 University Station
Tucson, Arizona

TRANSMITTED
DEC 28 1956

December 20, 1956

MEMORANDUM

To: Executive Officer, DMEA Field Team, Region III

From: W. L. Emerick
W. R. Storms

Through: E. N. Harshman
DHR for ENH

Subject: Docket DMEA 4499 (Uranium), Plainview Uranium, Inc. (Paran Hills, et al claims), Sierra County, New Mexico

Enclosed are original and 10 copies of the above report by J. N. Faick and W. L. Emerick of the Geological Survey, recommending denial of the application.

Inasmuch as the Survey report indicates that the property has no significant occurrences of uranium, we assume that it will be unnecessary for the Bureau of Mines to make a duplicate examination.

W L Emerick
W. L. Emerick

Lincoln A Stewart for WR Storms
W. R. Storms

WLE:ms

cc. Traver (10)
Harshman
Storms
Emerick
King

[illegible]
DMEA [illegible]
1/2/57
(date)

RECEIVED
DEC 31 1956
DMEA

FOR UNITED STATES GOVERNMENT USE ONLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
FRED A. SEATON, SECRETARY

TRANSMITTED
DEC 28 1956

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

DMEA-4499 (Uranium), Plainview Uranium, Inc.

(Paran Hills, et al claims),

Sierra County, New Mexico

RECEIVED
DEC 31 '56

ON-SITE REPORT

John N. Faick and W. L. Emerick, Geologists
U. S. Geological Survey

Reviewed by
DMEA OPERATING COMMITTEE
1/2/57
(Date)

December 20, 1956

SUMMARY, CONCLUSIONS, AND RECOMMENDATIONS

Plainview Uranium, Incorporated, applied for Defense Minerals Exploration Administration assistance to explore the Paran Hills property in sections 27 and 34, T. 17 S., R. 4 W., Sierra County, New Mexico, for uranium.

The application proposed the drilling of 14 inclined core and plug bit drill holes for a total footage of 3,945 feet from seven stations located on either side of a fault. Total cost of the project was estimated at $26,447.50.

Field examination of the property for the Defense Minerals Exploration Administration was made on December 4, 1956 under docket DMEA 4499.

A group of 6 contiguous and adjoining claims are held under mineral lease, dated August 23, 1955, by Plainview Uranium, Incorporated.

The only known production from the property appears to be one shipment of about 10 tons of ore averaging 0.05 percent U_3O_8.

At the Paran Hills property a vertical east-west fault, locally called the Garfield fault, is expressed as a brecciated and silicified ridge-like zone about 50 to 60 feet wide in limestones. Dips in the limestones range from about 20° SW to 60° S. Some limestones in the area are virtually flat-lying.

A detailed radioactivity of the Paran Hills property made by the Atomic Energy Commission indicates that the highest radioactivity readings were obtained in the vicinity of the two pits excavated by the applicant. Radioactivity elsewhere on the property and along the fault is not impressive. Some slight localization of radioactivity at the junction of north-south fractures with the Garfield fault was noted.

A study of applicant's probing of wagon drill holes adjacent to or in the fault zone do not indicate, in general, an increase in radioactivity with depth. Visual inspection and a detailed check of the two pits with a geiger counter did not reveal any significant readings.

No reserves were estimated owing to a lack of any significant amounts of mineralization being present.

It is concluded by the field examiners from geologic examination and from a study of the AEC radioactivity survey that significant amounts of uranium ore are not present on the property. Denial of the application for government aid is therefore recommended.

DMEA-4499 (URANIUM), PLAINVIEW URANIUM, INC.,
(PARAN HILLS, ET AL CLAIMS),
SIERRA COUNTY, NEW MEXICO

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ILLUSTRATIONS

Figure No.		
1	LOCATION MAP	Following page 1
2	CLAIM MAP	" " 2
3	GEOLOGY OF THE PARAN MINING PROPERTY	Folder on back cover

INTRODUCTION

Plainview Uranium, Incorporated, a Texas corporation with home offices at Plainview, Texas, applied for Defense Minerals Exploration Administration assistance under docket DMEA-4499, to explore for uranium on the Paran Hills property, which is situated about 2½ miles east of Derry, New Mexico. (Figure 1).

The application proposed the drilling of 14 inclined core and plug bit drill holes from seven stations on the surface to penetrate a vertical fault at depth. Total cost of the project is an estimated $26,447.50.

Field examination of the property for the DMEA was made on December 4, 1956, by J. N. Faick and W. L. Emerick of the U. S. Geological Survey. Paul Whelan, geophysicist, for Plainview Uranium, Inc., and Bennie Samaniego and C. R. Wofford accompanied the field examiners.

ACKNOWLEDGMENTS

Sincere appreciation is extended the Albuquerque office, Division of Raw Materials, Atomic Energy Commission. In the absence of H. D. Wolfe, Manager, R. Stroud and R. E. Wilson very generously discussed the subject property with the field examiners and contributed the geology and radioactivity map essentially reproduced in this report.

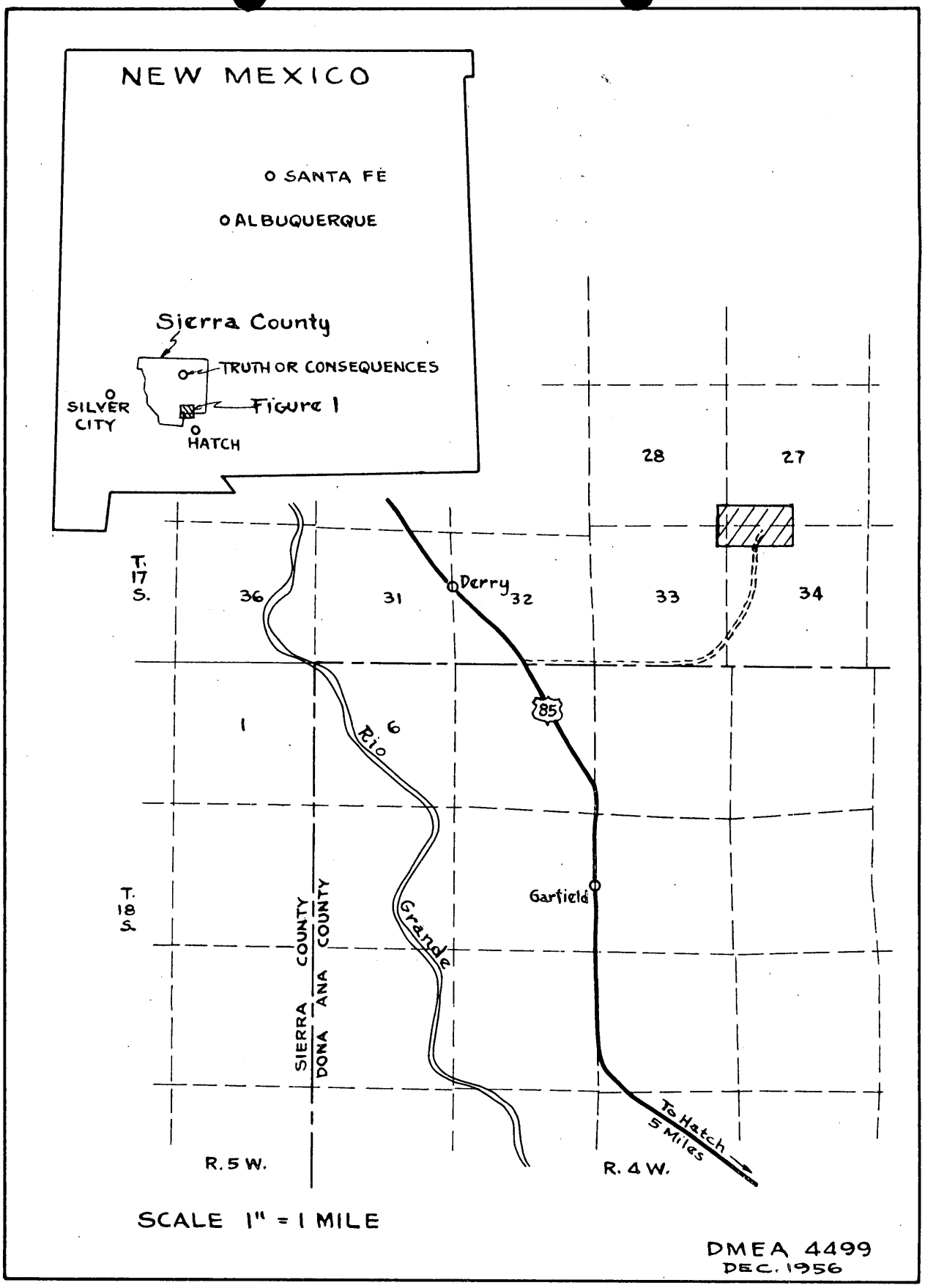


FIGURE 1.- LOCATION MAP, PARAN HILLS PROPERTY, PLAINVIEW URANIUM CORP., SIERRA CO., N. MEXICO

LOCATION AND ACCESSIBILITY

The claims of the Plainview Uranium, Inc., are about 8 miles northeast of Garfield, New Mexico, in secs. 27 and 34, T. 17 S., R. 4 W., N. M. P. M., Derry Mining District, Sierra County, New Mexico. (Figure 2).

The property may be reached by traveling from either Hatch or Truth and Consequences to the Sierra-Dona Ana County line on U. S. Highway 85, and turning east at that point onto a dirt road. Proceed 1.4 miles on main dirt road to access road, turn left, and proceed 1.0 mile to mine area.

OWNERSHIP OF PROPERTY

The Paran Hills property, which consists of 6 contiguous and adjoining claims, is held under mineral lease by Plainview Uranium, Inc., a Texas corporation with home offices in Plainview, Texas. Officers of the corporation are:

Charles Vanderpoel, President
719 Broadway
Plainview, Texas,

William L. Smith, Secretary
Viegel Building
Plainview, Texas.

HISTORY, PRODUCTION AND GRADE

The presence of uranium in rock on the Paran Hills property was apparently first noted in the summer of 1954. Since that time two pits about 800 feet apart were excavated at either end of an east-west trending fault zone.

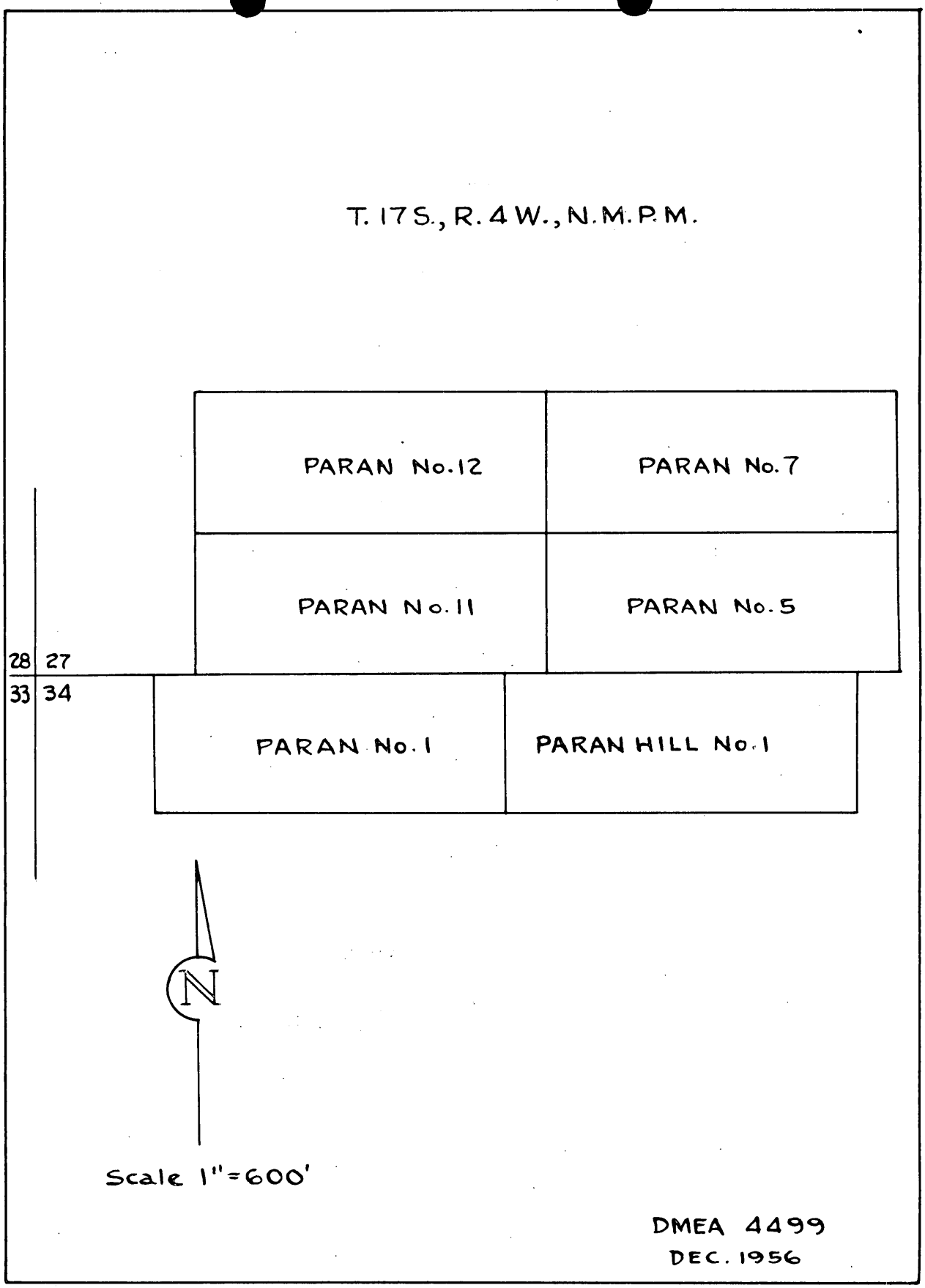


FIGURE 2.- CLAIM MAP, PARAN HILLS PROPERTY, PLAINVIEW URANIUM CORP., SIERRA CO., NEW MEXICO.

The only known production from the property appears to be a 10-ton shipment to the mill at Gallup in 1956 that averaged 0.05 percent U_3O_8. A large boulder-like mass of rock lying at the surface near the western end of the property furnished the entire shipment of 10 tons.

PRESENT STATUS

The Paran Hills property consists of two small pits about 800 feet apart. There is no equipment or buildings on the property and no mining operations were being carried out at the time of examination.

GEOLOGY

The Paran Hills property lies in the extreme southern part of the Nakaye Mountains, a northwestward trending ridge forming the southwestern end of the Caballo Mountains in Sierra County, New Mexico.[1/] Rocks in the vicinity of the Paran Hills property range from Precambrian to Permian and are predominantly of sedimentary origin. Normal faulting has tilted, folded, and displaced the sedimentary rocks of the district.

At the mine area (Figure 3) a vertical (?) east-west fault, locally called the Garfield fault[2/], is expressed as a brecciated and silicified zone about 50 to 60 feet wide. The fault zone is recognizable as a low, resistant, and brown-stained quartzitic ridge.

1/ Kelley, V. C., and Silver, Caswell, Geology of the Caballo Mountains: U. of N. M. Press, Albuquerque, 1952, p. 149.

2/ Op. cit.

Throw on the Garfield fault in some parts of the area is believed to be as much as 2000 feet[3/], with Permian Abo downthrown against Ordovician limestones on the north. South of the east pit Permian Abo rests against Pennsylvanian rocks along a N-S fault (Figure 3).

Where exposed on the north side of the Garfield fault the limestone in the mine area appears to be Ordovician in age[4/]. Dips in the limestone of Ordovician age range from about 20° SW to 60° S. Pennsylvanian limestones in the eastern part of the area are virtually flat-lying.

Figure 3 shows a detailed radioactivity survey of the Paran Hills property made by the Atomic Energy Commission. Radioactivity is expressed in mR/hr., the readings were taken with a LaRoe scintillation counter. The highest radioactivity readings were recorded in the west pit and probably represent readings on the 10-ton boulder-like mass before it was mined. All of the applicant's highest grade samples were taken from the west pit, presumably from the same boulder. Radioactivity readings taken with a geiger counter in the west pit during the field examination were, in general, only of background intensity. A north-south trending calcite vein in the west pit gave readings slightly above background and a 2-foot chip sample (No. 1-4) was taken across the vein. Analysis of this sample shows less than 0.01 percent U_3O_8.

3/ Op. cit.

4/ Kelley, V. C., and Silver, Caswell, op. cit., 1952.

Radioactivity readings with the geiger counter in the East pit were generally background. An occasional "hot" spot was encountered locally in the quartzitic rock that registered 3 to 4 times background. The area between the east and west pits was checked with a geiger counter by the field examiners without successfully encountering any radioactivity above background.

There appeared to be some slight localization of radioactivity at the junction of N-S fractures with the Garfield fault but its intensity nowhere constituted any ore grade material.

The field examiners were shown specimens of the yellow uranium mineral as it occurred in the 10 tons of rock shipped to Gallup. The mineral was identified (see application) as uranophane. It occurred as a filling of voids in a quartzitic or silicified rock lying at the surface above the west pit. The only actual occurrences of uranium observed on the property by the field examiners were microscopic flakes of a yellow uranium mineral, probably uranophane, along cleavage surfaces in brown calcite picked from the wall of the east pit.

A study of applicant's probing of wagon drill holes adjacent to or in the fault zone do not indicate, in general, an increase in radioactivity with depth. Visual inspection and a detailed check of the two pits with a geiger counter did not reveal any significant readings in the lowest parts of the excavations, or any part of the excavation.

ORE RESERVES

Owing to a lack of any significant amounts of mineralization present, no reserves are estimated.

PROPOSED EXPLORATION

Applicant proposed to drill 14 inclined core and plug bit drill holes for a total footage of 3,945 feet from seven stations located on either side of the Garfield fault. Figure 3 shows approximate locations of drill stations. The following table gives the angle of inclination, azimuth, and depth of proposed holes.

Drill Hole Location	Hole No.	Inclination	Azimuth	Depth
#1	No. 1 core	-18°	190°	260
#1	No. 2 Plug Bit	-13°	190°	360
#2	No. 3 Plug Bit	-18°	190°	260
#2	No. 4 Core	-13°	190°	360
#3	No. 5 Plug Bit	-18°	195°	260
#3	No. 6 Plug Bit	-13°	195°	360
#4	No. 7 Plug Bit	-43°	345°	210
#4	No. 8 Plug Bit	-28°	345°	275
#5	No. 9 Plug Bit	-43°	342°	210
#5	No.10 Core	-28°	342°	275
#6	No. 11 Core	-40°	340°	215
#6	No. 12 Plug Bit	-25°	340°	280
#7	No. 13 Plug Bit	-18°	190°	260
#7	No. 14 Plug Bit	-13°	190°	360

Total cost of the project is an estimated $26,447.50.

CONCLUSIONS AND RECOMMENDATIONS

It is concluded by the field examiners from geologic examination and from a study of the AEC radioactivity survey that significant amounts of uranium ore are not present on the property. Denial of the application for Government aid is therefore recommended.

J. N. Faick

John N. Faick, Geologist
U. S. Geological Survey

W L Emerick

W. L. Emerick, Geologist
U. S. Geological Survey

DMEA
DEPARTMENT OF THE INTERIOR
NOV 1 1956
REGION III
DENVER, COLORADO

October 31, 1956

Memorandum

To: W. R. Storms

From: Superintendent, Denver Experiment Station, Reg. III

Subject: Docket DMEA 4499 (Uranium) Plainview Uranium, Inc., (Paran Hill, et al claims), Sierra County, New Mexico

Enclosed please find the application for Plainview Uranium, Inc., Docket DMEA 4499, in the amount of $26,447.50.

A field examination and suitable report are required. The completed report should be forwarded directly to the Executive Officer with a copy of the memorandum of transmittal to this office.

W. H. KING

W. H. King

Enclosure

cc: W. M. Traver (3)
E. N. Harshman
W. L. Emerick
Sec. Op. Com. (2)

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

RECEIVED NOV 2 1956 D.M.E.A.

224 New Customhouse
Denver 2, Colorado

October 30, 1956

Memorandum

To: W. H. King (2) (w/brochure)
W. L. Emerich

From: DMEA Field Team, Region III

Subject: Docket DMEA 4499 (Uranium) Plainview Uranium, Inc. (Paran Hill, et al Claims) Sierra County, New Mexico

Enclosed is the subject application in the amount of $26,447.50. A field examination and suitable report are required.

Enclosed for your further information is a copy of a letter from the Chairman of the Operating Committee, dated October 26, 1956, with memoranda of review of the application by W. P. Williams and John E. Crawford.

In the event that the field examiners recommend a project, please advise this office at an early date, so that we may request the Owner's Consent to Lien and Subordination Agreement.

Please return the brochure with the report of examination.

DMEA FIELD TEAM, Region III
Original signed by
W. M. TRAVER

W. M. Traver
Executive Officer

Enclosures
EMC:ytl
cc: Sec. Op. Comm. (2)
Harshman
Docket 4499
Chron.

700

FILE COPY

Surname:
Murphy
Edl
Lamb
Leonard
Seffinger

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

OCT 26 1956

Mr. Charles W. Vanderpoel, President
Plainview Uranium, Inc.
719 Broadway
Plainview, Texas

Re: Docket No. DMEA-4499 (Uranium)
Paran Hill, et al., Claims
Sierra County, New Mexico

Dear Mr. Vanderpoel:

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. It has been referred to:

Mr. W. M. Traver
Executive Officer
DMEA Field Team, Region III
224 New Customhouse Building
Denver 2, Colorado

The Regional Office will contact you in regard to your project if additional information is required.

Sincerely yours,

C. O. Mittendorf (for)

Administrator

FMMurphy/izm 10-26-56
cc to: Docket
Code 700
Mr. Murphy
Admr.'s Reading File
DMEA Field Team, Reg. III (2)

R.K.L.

Surname copy

700

Murphy
Selfridge
Mitchell

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

OCT 26 1956

Mr. W. M. Traver
Executive Officer
DMEA Field Team, Region III
224 New Customhouse Building
Denver 2, Colorado

Re: Docket No. DMEA-4499 (Uranium)
Plainview Uranium, Inc.
Paran Hill, et al., Claims
Sierra County, New Mexico

Dear Mr. Traver:

The above-referenced application is referred to Region III Field Team for investigation, a field examination if deemed advisable, and recommendation.

Enclosed are copies of memoranda, dated October 22 and 24, 1956, by W. P. Williams, USGS, and J. E. Crawford, USBM, respectively, relating to the application. Also enclosed is an extra copy of the application with an exhibit folder, for the use of the Field Team.

In the event the Field Team recommends a project to explore the subject claims, it should advise the Applicant that we require six executed copies of the Owners' Consent to Lien and Subordination Agreement signed by Bennie Samaniego and wife, Marguerite Samaniego, and Clyde R. Wofford and wife, Anny M. Wofford.

The application contains copies of Consents to Lien signed by Bennie Samaniego for Paran Hill No. 1 and Paran Nos. 11 and 12 claims, and by Clyde R. Wofford for Paran Nos. 1, 5, and 7 claims. However, the above men and their wives all signed the Applicant's lease as a party; therefore, the agreement we require may be signed by the lessors in a similar manner.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (24B)

FTMurphy/gla 10-25-56
cc to: Admr.'s Reading File
Operating Committee
Docket
Messrs. JECrawford, 3643
THKiilsgaard, 5224
JOHosted, 3210, GSA
Code 700

Enclosures

Frank D. Lamb (24B)
Member, Bureau of Mines

Thor H. Kiilsgaard (24B)
Member, Geological Survey

Mr. Murphy

10-25-56

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

RECEIVED
OCT 25 1956

Date 10/24/56

DMEA Docket No. 4499
DMEA Contract No.
Commodity Uranium
Name of applicant Plainview Uranium Inc.
Name of property Paran Hill Claims
Location of property Sierra County, New Mexico
Estimated cost of project $26,447.50

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: 8/14/56. 2. Date received by reviewer: 10/18/56.

3. Prior reports on this property known to reviewer: Yes [ ], No [x].

4. Prior reports on nearby properties known to reviewer: Yes [ ], No [x].

5. Information available on past production: Yes [ ], No [x].

6. Other pertinent factors known to reviewer: Yes [ ], No [x].

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 [x]
c. Denial [ ]
d. Agree with Field Team [ ]
e. Disagree with Field Team [ ]
f. Suggest alternate plan [ ]
g. Request another examination [ ]
h. Approval [ ]
i. Consult with Mr. E. E. Thurlow at Denver AEC office.

10. Remarks: (Use back of page if necessary)
Mr. J. O. Hosted, Washington representative of the Atomic Energy Commission, assisted in the review.

10-24-56

IN REPLY REFER TO:

RECEIVED
OCT 23 1956

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

October 22, 1956

Memorandum

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

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

Subject: Review of application, DMEA 4499, Plainview Uranium, Inc., Paran claims, Sierra County, New Mexico (uranium).

The applicant proposes to explore for uranium ore deposits in the Derry mining district of New Mexico. The property involved consists of six unpatented mining claims.

The application is neither precise in detail nor are map and textual descriptions clear and concise. Consequently the proposed project is difficult to evaluate. According to the applicant uranium minerals are present in and along a shear zone called the Garfield fault. The fault is probably in Paleozoic sandstones, limestones and shales.

About 14 wagon drill holes have been drilled on the property. The holes were probed with Babbel counter by the applicant, but the meanings of the probe readings submitted with the application are obscure.

Samples taken on the property by the applicant gave phenomenally high assay values -- as much as 11.9 percent eU_3O_8 and 4.0 percent uranium. Whether the samples were representative or selected is not stated.

The first stage of the proposed work would consist of drilling 14 drill holes from seven stations on surface. The holes would be inclined so as to penetrate the vertical fault at depth. Stage II and III of the project are described simply as a proposal to "initiate more drilling to complement Stage No. 1 and to furnish information for Stage No. 3, which would consist mostly of exploratory shaft work as well as a few short drifts."

The sequence of drilling followed by underground work is a logical and reasonable one. From the meager information available the property seems to have some of the characteristics of the Marysvale uranium district of Utah. An exploration project may be warranted on the property. I recommend that the application be referred to the Field Team for field examination and report.

The applicant proposes to limit the project area by placing boundaries along a narrow strip along the mineralized fault. To protect the Government's interest any DMEA project should at least include the six mining claims described in the application.

W. P. Williams

W. P. Williams

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

Plainview Uranium, Inc.
Plainview, Texas

Subject: DMEA-4499
Re: Exploration Assistance

Gentlemen

Your application for exploration assistance, dated July 14, 1956 submitted to our office at Denver, has been assigned Docket Number DMEA-4499 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,

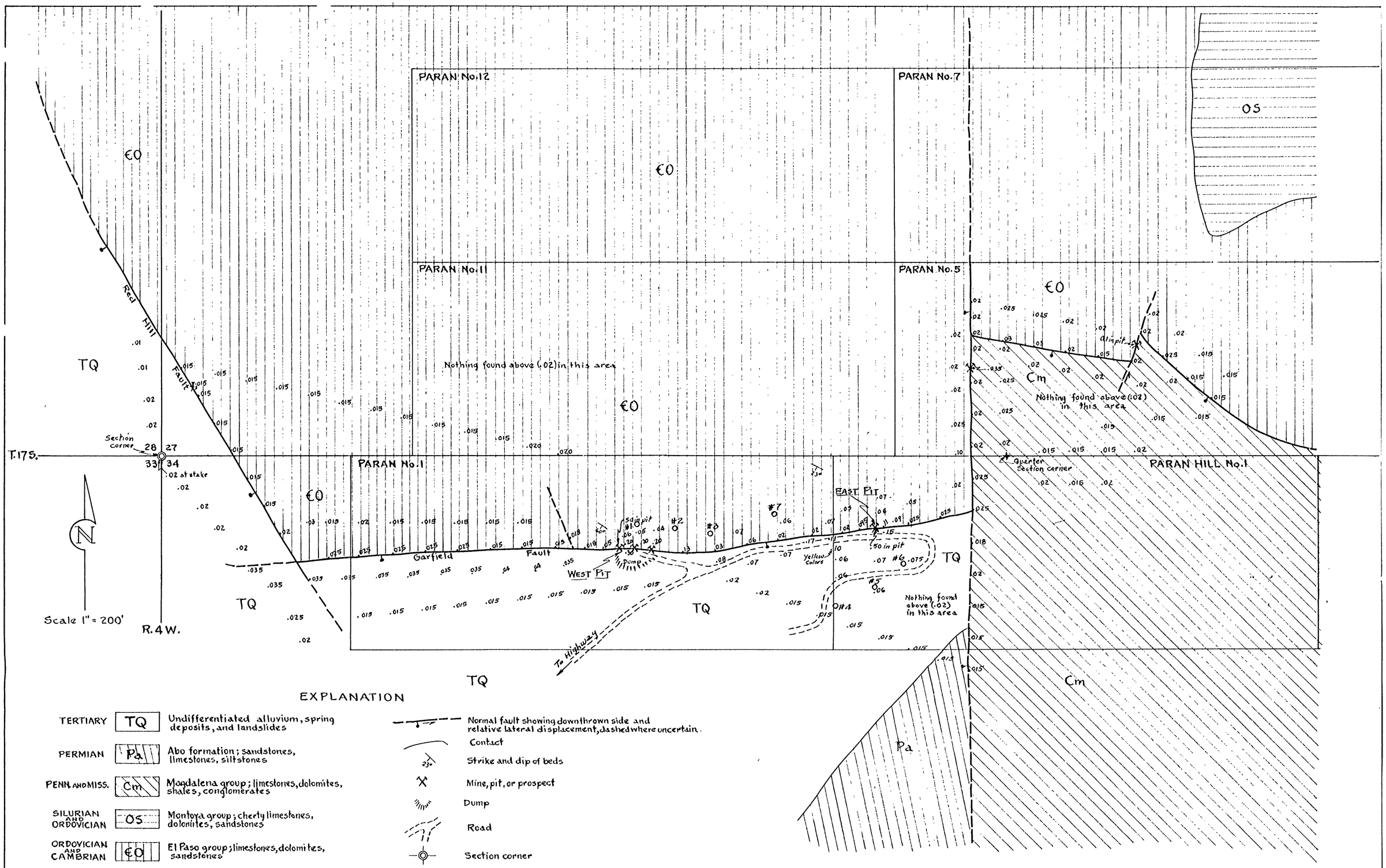
Allen S. Dakan, Chief
Operations Control and
Statistics Division

Copy to:

Region III. Denver, Colorado

Code 700

3571



EXPLANATION

TERTIARY	TQ	Undifferentiated alluvium, spring deposits, and landslides
PERMIAN	Pa	Abo formation; sandstones, limestones, siltstones
PENN. AND MISS.	Cm	Magdalena group; limestones, dolomites, shales, conglomerates
SILURIAN AND ORDOVICIAN	OS	Montoya group; cherty limestones, dolomites, sandstones
ORDOVICIAN AND CAMBRIAN	€O	El Paso group; limestones, dolomites, sandstones

.015 = Radioactivity as taken with La Roe scintillation counter, expressed in mR/hr.

Normal fault showing downthrown side and relative lateral displacement, dashed where uncertain.

Contact

Strike and dip of beds

Mine, pit, or prospect

Dump

Road

Section corner

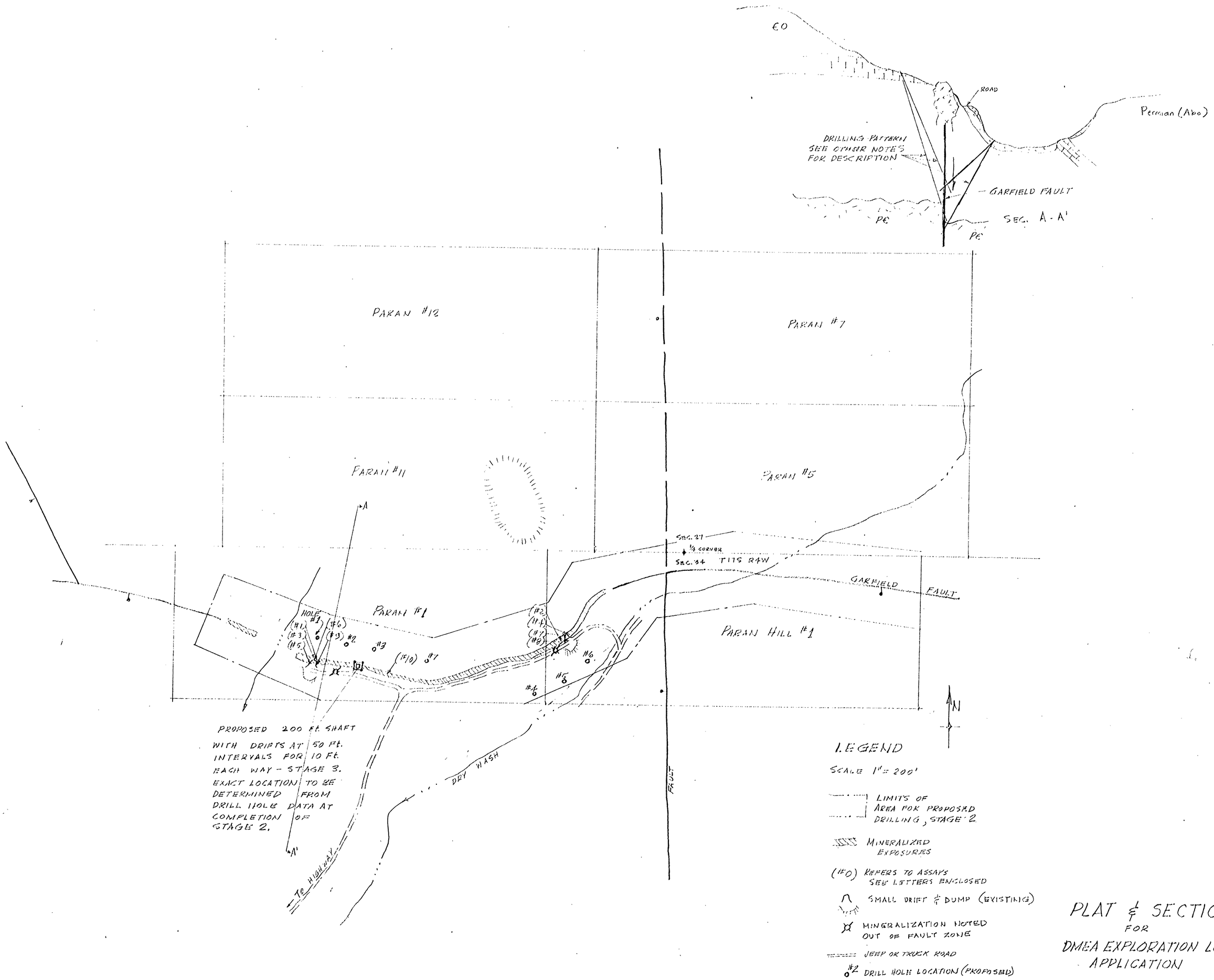
Quarter-section corner

Location of proposed drill hole

From a Geology and Radioactivity survey map by the AEC, 1956 with claim additions and proposed drill hole locations placed by U.S.G.S.

DMEA 4499

FIGURE 3.- GEOLOGY AND RADIOACTIVITY SURVEY MAP OF PARAN HILLS PROPERTY, PLAINVIEW URANIUM, INCORPORATED, SIERRA CO., NEW MEXICO.



PLAT & SECTION
FOR
DMEA EXPLORATION LOAN
APPLICATION