DMEA Form 9

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE

DMEA NO. 4211

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(Withdrawn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 + 2 revisions
(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

3/30/56 gla

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
MAR 30 1956

~~WASHINGTON 25, D.C.~~
Box 431
Joplin, Missouri

March 27, 1956

The Lone Star Uranium Company
504 First National Bank Building
Temple, Texas

Re: Docket DMEA-4211 (uranium)
Wild Horse mine
Burnet County, Texas

Dear Sirs:

Receipt hereby is acknowledged of your March 23 letter giving additional information for your above-cited application docket and enclosing copies of four documents pertinent to your property rights; also your March 24 letter enclosing a sketch map.

With a copy of this letter, three copies each of your two letters, the four documents, and the sketch map are being forwarded to DMEA in Washington for distribution with your previously submitted application docket material. Since four copies of the deed were made here to provide the necessary property description for your application, I am returning herewith your office copy which you so kindly sent with your letter received today.

With reference to paragraph 5 (b) in my letter to you on March 7, it seems to me that your sketch map fails to justify your proposed large-scale exploration program. Favorable results of radiometric surveys, detailed geologic mapping, and/or other prospecting are not shown to indicate a probability for making a worthwhile ore discovery throughout the entire 1344-acre tract you propose drilling on a grid pattern. Although geologic information so far available to me on your tracts is entirely inadequate for judging the possibilities of such a wide-spread preliminary prospect drilling program as you propose, I believe to serve you best, I should suggest here that the cost estimates you are preparing should reflect a realistically planned, justifiable exploration program.

Upon receipt of all the required application information, however, preliminary appraisals and disposition is entirely a matter for the engineers and geologists in the Washington Offices of D.M.E.A., the Geological Survey, and the Bureau of Mines, since the primary purpost of this Field Team is to administer such exploration project

2 extra sets in metal-bound folders

contracts as are let in Washington. I will be pleased to serve you, however, in any way that I can on preparing a favorable application.

Sincerely yours,

CCK/enn

Clinton C. Knox
Executive Officer
DMEA Field Team, Region IV

encl
cc: DMEA Op. Com.(2) w/21 encl.
4211 file

C O P Y

THE LONE STAR URANIUM CO.
504 First National Bank Bldg.
Temple, Texas

C O P Y

3 - 24 - 56

The Defense Minerals Exploration
Administration
Department of the Interior
Box 431
Joplin, Missouri

Gentlemen:

We are attaching four copies of the sketch we have made which outlines the property we have under lease, and which shows the pattern of drilling we think should be accomplished.

You will note that there are a few holes shown around the new excavation area on the 160-acre lease. We think that this is desirable as a help to those who are mining. However, we are of the opinion that the exploration work should be concentrated principally on the 1184.25 - acre tract.

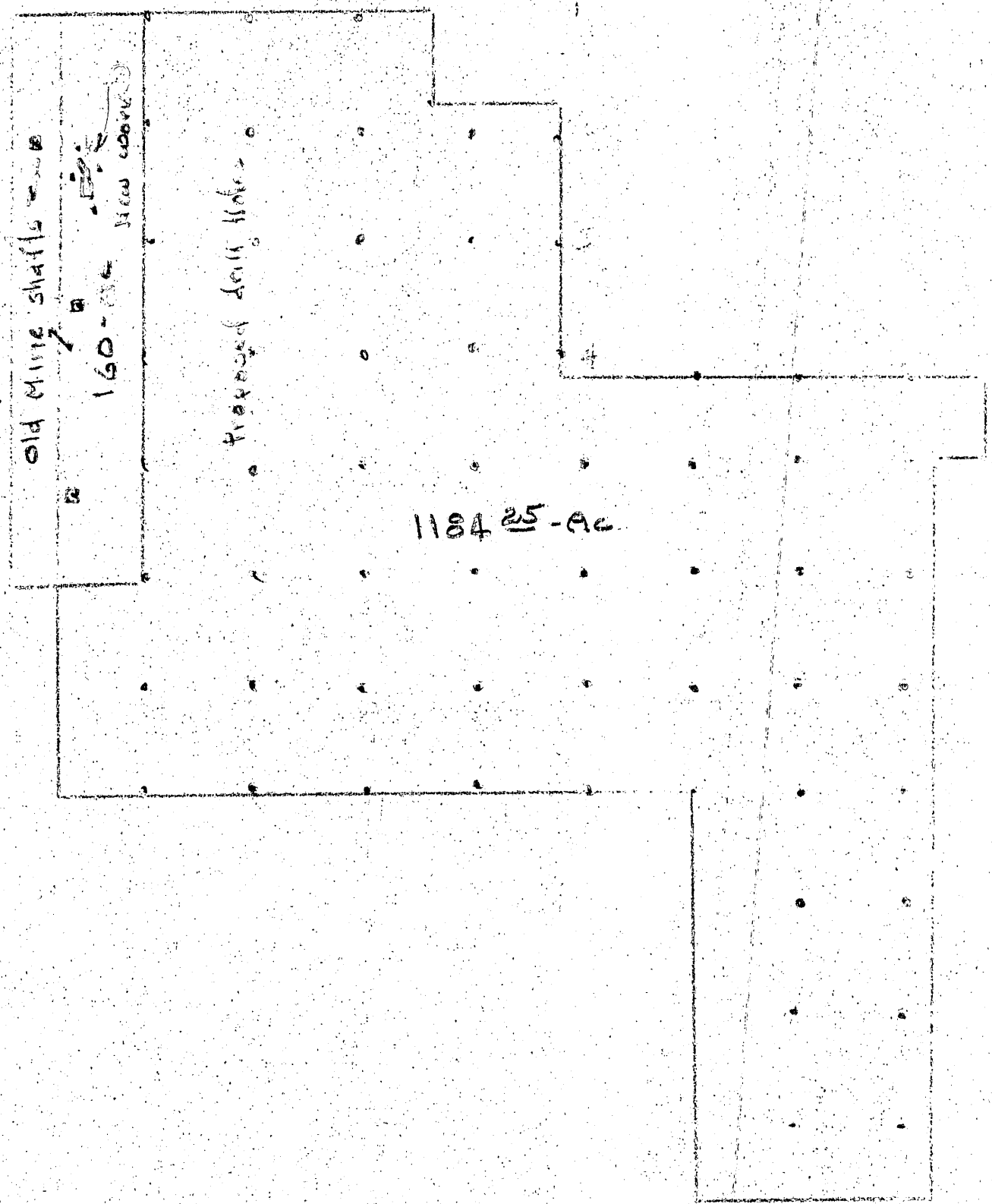
It is on the 160-acre tract, and from the area marked "New Excavation" that the ore has been taken and sold.

I have been searching for a suitable map of the geology in the area of these two leases but to date have not found anything. In a few days I will go to Austin and check with the Bureau of Economic Geology to determine if there is a suitable map in their department. When a suitable map is found I will have it reproduced and will forward the required four copies.

Also, I will revise the estimate of cost and try to cut down on everything that is possible.

Yours truly

V. C. Doctorman
Box No. 1
Belton, Texas



PROPOSED DRILLING

Lone Star Uranium Corp

DMEA Docket No. 4211

Scale: 1" = 500 feet

C O P Y

THE LONE STAR URANIUM CO.
504 First National Bank Bldg.
Temple, Texas

C O P Y

3-23-56

Defense Minerals Exploration Administration
Department of the Interior
JoplinMissouri

Re: Docket DMEA-4211

Gentlemen:

We have your recent letter calling attention to further details required by your office in the consideration of our loan application.

3(a) We are attaching the four copies required of our lease and sublease agreements. The complete metes and bounds description is not contained in the lease and sublease agreements as regards the 1184.25 - acre block, but we are attaching our office copy of this description.

3(d) We are positive that a suitable Consent To Lien agreement can be obtained from the landowner, and same will be forwarded to you as soon as I can get the required forms from Washington. As for water supply, there is adequate water to be had on the property from wells or from the Buchannan Lake which is only one and one-half miles from the property.

4(a) Our mention of having on hand a small amount of pit run ore from a lease which adjoins is clarified in this way. Said adjoining lease is the 160-acre lease mentioned throughout the data we have supplies. We have intended to convey the information that the loan application is for funds to explore more thoroughly the block of land covered in a separate lease and which comprises 1184.25 - acres of land. The mining that has been done to date, and the old mine mentioned in our earlier correspondence, is on the 160-acre lease which lies on the East side of the 1184-25 acre tract. On this smaller 160-acre lease, a load of ore was mined and sold to AEC at the buying station at Globe, Arizona. The old mine located on the 160-acre tract was formerly mined for copper bearing ores.

4(c) Information in regard to maps of the property are attached. The geological information available on the property is rather skimpy. A great deal more should be done.

5(b) A sketch map such as you have requested is attached. We think that some additional exploratory work should be done at the point where the load of ore was mined and sold later to AEC. Also, we think that the old mine should be de-watered and thoroughly explored on the interior. There is some likelihood that this can be accomplished rather cheaply; by that I mean that information available indicates the workings to be rather

small in overall cubical dimension. There are three old shafts, one of which is open, and I believe the total length of underground entry or passageway to be something less than 1200- feet. The main shaft is said to be 165- feet deep.

6(b-h) A revision of the application cost estimates is being made and will be forwarded to you as soon as the work can be accomplished. There is a considerable difference in estimates made by contractors for core drilling. On the application we have submitted the larger figure was used for break-down cost of drill steel and bits. There is some indication (other estimates) that this item would be no more than one half the figure included in the application. We elected to use the larger figure so that any error on the part of estimators would not operate to produce a shortage of funds. We do know that the granite and gneiss formations we are required to drill are both very hard, but it is quite possible that the item of expense referred to may be cut in half. The new formal application sheet covering costs estimated will reflect this lower cost figure. Also, we have elected to further reduce the entire amount considerably due to the fact that there are other interests that are willing to take over the 160-acre tract and begin the mining operations we have planned to have done. This acreage, of course, is tied to the other and more expensive 1184.25-acre tract, and royalties from ores mined there would be made available to repay the cost of loan. Probably by subrogation agreement.

Please be assured that we are rushing this matter through with all speed possible, and that the balance of the material will be forwarded to you at the earlies date. In the meantime we are submitting the data here attached in order that your work may be facilitated as much as possible.

Yours truly

V. C. Doctorman
Mining Engineer

P. D. SNEED ET AL)
TO/ Assignment)
THE LONE STAR URANIUM CO.) WHEREAS, On the ____ day of October, 1955, a certain oil andgas mining lease was made and entered in by and between P. D. Sneed, J. R. Ledger and Clem. C. Countees, Lessors and The Lone State Uranium Company, Lessee covering the following described land in the County of Burnet and State of Texas, to-wit;

Being 1184.25 acres, more or less in Burnet County, Texas, Described in a mineral lease from James Johanson, to N. D. Swope, Andy Wells and Fred Becker, Lessors, dated March 2nd, 1955, which lease is recorded in Boo)9, page 255 of Oil & Gas Lease Records in the office of the County Clerk of Burnet County, Texas, and

160 acres, more or less described in a mineral lease from James Johanson and Garner Poole and wife, to N. D. Swope, Andy Wells and Fred Becker, in a lease executed March 2nd, 1955, which is recorded in Vol. 9, page 251 of the Oil & Gas Leases in the office of County Clerk of Burnet County, Texas, said land also described in an assignment of lease from Ruth Pool and husband, Garner Pool, doing business as Pool Mineral Products Co., to N. D. Swope, Andy Wells and Fred Becker, dated October 1st, 1955, and recorded in Vol. ____ Page ____ of Oil & Gas Lease Records in theoffice of County Clerk of Burnet County Texas, to which leases and assignments and records reference is here made for full description of the land herein described.

Said lease being recorded in the office of the County Clerk in and for said County in book 9, page 251, 255 and

Whereas, the said lease and all rights thereunder or incident thereto are now owned by P.D. Sneed, R. L. Ledger and Clem C. Countess.

NOW, THEREFORE, for and in consideration OF One Dollar (and other good and valuabel considerations), the receipt of which is hereby acknowledged, the undersigned the present owners of said lease and all rights thereunder or incident thereto, do hereby bargain, sell, transfer, assign and convey all rights, title and interest of the original lessee and present owner in and to said lease and rights thereunder, insofar as it covers the 1400 acres, more or less as described in the leases and assignment, set out hereinabove together with all personaly property used or obtained in connection therewith to the Lone Star Uranium Company and its successors and assigns.

And for the same considerations, the undersigned for themselves and their heirs, successors and representatives, do covenant with the said assignee its successors or assigns, that P. D. Sneed, R. L. Ledger and Clem C. Countess are the lawful owners of said lease and rights and interest thereunder and of the personal property thereon or used in connection therewith; that the undersigned ___ good right and authority to sell and convey the same, and that said rights, interest and property are free and clear from all liens and incumbrances, and that all rentals and royalties due and payable thereunder have been duly paid, and that the undersigned will warrant and defend the same against the lawful claims and demands of all persons whomsoever.

In Witness Whereof, the undersigned owners and assignors have signed and sealed this instrument the 3rd day of October, 1955.

P. D. Sneed

J. R. Ledger

Clem C. Countess

THE STATE OF TEXAS)
COUNTY OF BELL) BEFORE ME, the undersigned, a Notary Public, in and for said county, Texas, on this day personally appeared P. D. Sneed, J. R. Ledger, and Clem C. Countess known to me to be the persons whose names are subscribed to the foregoing instrument, and acknowledged to me that they executed the same for the purposes and consideration therein expressed.

Given under my hand and seal of office, this 3rd day of October, A.D.1955.
(SEAL)
Carmen Hymer
Notary Public, Bell County Texas

N. D. SWOPE ET AL)
TO/ ASSIGNMENT)
P. D. SNEED ET AL)

WHEREAS, on the ____ day of October, 1955, a certain oil and gas mining lease was made and entered in by and between N. D. SWOPE, ANDY WELLS AND FRED BECKER, lessor and P. D. SNEED and R. L. LEDGER, Lessee covering the following described land inthe County of Burnet and State of Texas, to-wit;

Being 1184.25 acres, more or less, described in a certain lease from James Johanson to N. D. Swope Andy Wells and Fred Becker, dated March 2nd, 1955, which lease is recorded in Vol. 9, page 255 of Oil & Gas records in the office of the County Clerk of Burnet County, Texas, and

a second lease of 160 acres, described in a lease from James Johanson and Garner Poole to N. D. Swope , Andy Wells and Fred BEcker, dated March 2nd, 1955 and recorded in Vol. 9, page 251 of the Oil and Gas Records in the office of the County Clerk of Burnet County, Texas, to which records and leases reference is here made for full description of the above mentioned two tracts.

This assignement also conveys lessors interest in that certain lease on 160 acres of land in Burnet County, described in a lease from Ruth Goode Poole and husband, Garner Poole, doing business as Poole Mineral Products Co., to N. D. Swope, Andy Wells and Fred Becker, on date October 1st, 1955, which lease is recorded in Book__ Page___ of Oil and Gas Records in the office of County Clerk of Burnet County, Texas.

Said leass being recorded in the office of the County Clerk in and for said County in Book,____, page____ and

Whereas, the said lease and all rights threunder or incident thereto are now owned by N. D. Swope, Andy Wells and Fred Becker,

Now, therefore, forand in consideration of One Dollar (and other good and valuable considerations), the receipt of which is hereby acknowledged, the undersigned, the present owners of said lease and all rights thereunder or incident thereto, do hereby bargain, sell, transfer, assign and convey all rights, title and interest of the original lease and present owners in and to said lease and rights thereunder, insofar as it covers the T-he Uranium, Thorium and all kindred minerals, and all rights owned by the Lessor herein, to 1400 acres of land described as set out hereinabove, same being out of the James Johanson Ranch in Burnet County, Texas together with all personaly property used or obtained in connection therewith to P. D. Sneed, and R. L. Ledger, and their heirs, successors and assigns.

And for the same considerations, the undersigned for themselves and their heirs, successors and representatives, do covenant with the said assignee their heirs, successors, or assigns that N. D. Swope, Andy Wells and Fred Becker are the lawful owners of said lease and rights and interest thereunder and of the personal property thereon or used in connection therewith; that the undersigned good right and authority to sell and convey the same, and that said rights, interest and property are free and clear from all liens and incumbrances, and that all rentals and royalties due and payable thereunder have been duly paid, and that the undersigned will warrant and defend the same against the lawful claims and demands of all persons whomsoever.

IN WITNESS WHEREOF, the undersigned owners and assignors have signed and sealed this instrument the 3rd day of October, 1955.

Andy Wells

Fred Becker

N. D. Swope

THE STATE OF TEXAS)
COUNTY OF BELL) BEFORE ME, the undersigned, a Notary Public, in and for said County, Texas, on this day personally appeared N. D. SWOPE, ANDY WELLS and FRED BECKER known to me to be the person whose name are subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

Given under my hand and seal of office, this 3rd day of October A.D. 1955.

C. W. Duncan Jr.
Notary Public Bell County,Tex

JAMES JOHANSON ET AL) THE STATE OF TEXAS)
To/ Mineral Lease) COUNTY OF BURNET)
N. D. SWOPE ET AL)

This agreement entered into this 2nd. day of March, 1955, by and between James Johanson and Garner Poole of the county of Burnet and Falls, State of Texas, hereinafter called Lessor, (whether one or more), and N. D. Swope, Andy Wells, and Fred Becker of the County of Bell, State of Texas, hereinafter called Lessee,(whether one or more),

WITNESSETH:

Lessor, in consideration of the sum of Two Hundred, Fifty-One and 20/100 ($251.20) dollars, cash in hand paid by lessee, the receipt of which is hereby acknowledged and confessed, hereby Leases, Demises, and lets unto said lessee, the exclusive right to enter into, upon and use the land hereinafter described for the exploration and mining or the the production of URANIUM, PLUTONIUM, THORIUM, PITCHBLEND, and any and all other fissionable and/or radioactive ores, minerals,metals, compounds and other elements or substances, together with the use of the surface of said land for all purposes incident the said exploration, mining and production, ownership, possession and transportation of said minerals, and the right of ingress and egress to and from said lands at all times for such purposes, including the right to construct, maintain and use roads and/or canals, passageways and gates thereon for operations hereunder, or in connection with similiar operations on adjoining lands, and including the right to remove from the land and property placed by Lessee thereon and to draw and remove casings from wells drilled by Lessee thereon. The land to which said lease applies and which is effected hereby is described as follows, to-wit;

Being One Hundred and Sixty (160) acres of land, more or less, in Burnet County, Texas, out of and part of the D. H. Simpson Survey No. 1453, E.F. Thomas Survey No. 107, Eli Martin Survey No. 1332, and the E. F. Thomas Survey No. 1530, and also being the same lands and premises heretofore conveyed by Lee Clark et ux to James Johanson by deed dated June 22, 1950, recorded in Volume 105, pages 619-620, Deed Records of Burnet County, Texas, to which reference is here made for all pertinent purposes.

This agreement and lease includes all lands owned by said Lessor and situated in the above mentioned and described surveys, tracts,parcels, or plots, including all property acquired by prescription and all accretions or alluvion attaching to and forming a part thereto and thereof, and shall affect any and all rights, titles and interests in the above described land including reversionary minerals interest hereafter acquired or inuring to said Lessors successors, heirs or designs.

It is agreed and understood between the parties hereto that this conveyance does not include "Oil, Gas, and Mineral" in their generally accepted sense and meaning used in the petroleum industries, excepting those elements and/or minerals especially mentioned herein, and by implication.

This lease shall be for a term of one years from the date hereof (called Primary Term) and so long thereafter as such minerals and elements as mentioned above, or any and all ~~singular~~ similar minerals, ores, metals, elements or substances is and are being produced therefrom in paying quantities; and this Agreement shall be subject to the laws of the State of Texas and of the United States of American or rules of any board or regulatory body of either which now may be effective, or may hereafter be enacted, promulgated or become effective; and all of this Agreement being subject to the following conditions, covenants, and agreements, to-wit;

1. The payments to be made by the Lessee to the Lessor under this Agreement and lease shall be, in addition to the consideration heretofore mentioned and set forth) in the form of royalties paid from elements, minerals, ores, compounds, substances or chemicals, produced, saved and sold from operations and shall be based on the following divisions: One-eighth (1/8th) of the minerals, ores, compounds, substances or chemicals produced and saved from said lands, and not used in conducting or production incidental to operations thereon; and Lessee shall have the option to buy and pay the said royalty at the market price, when produced, but all such payments shall be made only after marketing, sale and delivery of such products, as may be produced, as have been sold and paid to the Lessee.

2. All payments or royalty, or other payments to the Lessor, shall be made by deposit in theFirst State Bank at Burnet, Texas, to the credit of the Lessor, which payment may be mailed or delivered to said Bank, or its successor, and the death or incapacity of said Lessor shall not terminate

or affect Lessee's right to continue to deposit all payments insaid depository Bank or its successor. The mailing of check or draft of Lessee or Lessee's successor to Lessor at the said depository bank or its successors shall be considered as payment of all royalties or other payments due said Lessor and shall operate to maintain Lessee's rights in full force and effect. Should said Bank fail or liquidate, or if it should for any reason refuse or fail to accept Lessee's check or draft, the attempted payment, in the manner provided above, shall not thereby be rendered ineffective by said refuaal and Lessee shall not be in default for failure to pay said royalty until thirty (30) days after Lessor shall have furnished Lessee with a recordable instrument naming a new depository and this provision shall apply to all such new and subsequently named depositories.

3. Lessee may at any time prior to or after the discovery and production of the above named minerals, elements or substances, execute and deliver to Lessor, or place of record a release or releases of any portion or portions of the lands described herein and be relieved of all requirements hereof as to said lands surrendered, retaining unto said Lessee the rights of ingress and egress through said surrendered portion or portions. In the event of forefeiture of this lease for any cause, Lessee shall have the right to retain around each installation then producting any of the minerals, elements or substances mentioned herein, or being explored, mined or operated in connection therewith a minimun of forth (40) acres in or as near a square form as reasonably practicable, together with rights of ingress and egress.

4. At beginning of operations on theland or acreage herein, and prior to discovery, mining or porduction of minerals, elements and substances in paying quantities, Lessee may maintain the rights granted during and after the primary term by continuing such explorations without lapse of more than ninety (90) days between abandonment, or cessation, of such work on one mine, well, or digging, and the beginning of operations on another location included in said acreage above described, during which abandonment, or cessation, no payment shall be required of the Lessee.

5. Lessee shall not be required to develop the property covered by this agreement and lease during the primary term hereof except at Lessee's option.

6. This Agreement and lease shall continue during the primary term hereof and shall be in full force and effect during such period of time and the rights granted shall be maintained in effect during and after the primary term and without payment of royalties, rentals or other payments by the discovery, mining or production of said named, or similar minerals, ores, metals or substances, and Lessee shall be permitted to cease operations at any depth at which production, mining or operations are commenced, and if, within ninety (90) days thereafter (during such primary term only) Lessee shall commence operations or construction of facilities for operation at a different stratum, then this agreement and lease shall remain in force as to all rights herein enumerated, expressed or implied.

7. Lessee shall have the right to inject gas, water, brine or other liquids, fluids or solids (including semi-solids and combination thereof) into the land, sub-surface strata, or pits in or under said lands, and shall not be required to pay any royalty or other payment, for such as may be afterwards produced, mined, saved or sold of said injected substances, or other so- called reagents.

8. It is specially and specifically agreed between the parties hereto that Lessee shall have the right to produce such minerals, ords, metals, elements or substances by any recognized method now, or hereafter known or discovered, which shall include (but not be restricted to) mining as the term is generally known, drilling of wells, strip-mining, digging of pits and other excavations, by filtration, settling and by means of chemical reactions, or reactors.

9. The Lessee shall be respensible for all damages to timber, live stock or growin_ crops planted or growing prior to the commencement of

operations on said land, but shall not be required to pay for any damages to crops planted subsequent to the discovery, beginning of production of of operations.

10. All provisions hereof shall extend to and bind the successors, heirs or assigns (in whole or in part) of Lessor and Lessee, each having the right to assign, sell or convey their interest herein; but no change in ownership of said land or any interest therein, or change in the capacity or status of Lessor whether resulting from sale, inheritance or otherwise, shall impose any additional burden on Lessee nor shall any change in ownership or in the status or capacity of Lessor impair the effectiveness of payments made to Lessor herein named unless the then record owner of said lease shall have been furnished, thirty (30) days before the said payment is due, with a certified copy of recorded instrument or judgment evidencing such transfer, inheritance or sale or evidence of such change in status or capacity of Lessor. The furnishing of such evidence shall not effect the validity of payments theretofore made in advance, In the event of the assignment of this lease, either as to a segregated portion of the land or as to an undivided interest in the lease contract, royalty payments shall be apportioned among the several leasehold onwers according to the surface area or the undivided interest of each, at the option of the Lessee, and default in payment by one shall not affect the rights of others.

11. Lessor hereby warrants and agrees to defend the title to said lands and agrees that Lessee may, at its option, discharge any tax, mortgage or other lien upon theland and be subrogated thereto and have the right to apply to the repayment of Lessee any royalties or other payment due hereunder, if Lessor owns less than the entire undivided interest in all or any portion of said lands, or mineral rights relating thereto (whether such interest is specified or not) royalties as to the land in which an interest is outstanding in others shall be reduced proportionately to the interest of the Lessor therein. Lessee shall have the right to purchase a lease or leases from others to protect its leasehold rights and shall not be thereby held to have disputed Lessor's title; and the the event Lessor's title or interest therein is claimed by others, Lessee shall have the right to withholding payments of royalties, or to deposit such royalites in the registry of any Court until final determaination of Lessor's right, without penalty as to interest or damages pending such determination, and shall be reimbursed any expense, costs and fees therefrom.

12. In the event that Lessor at any time considers that operations are not being conducted in compliance with this lease, Lessor shall notify Lessee in writing the facts relied upon as constituting a breach thereof, and Lessee, if legally required to conduct such operations in order to maintain this lease, in force, shall have sixty (60) days after receipt of such notice to commence the necessary operations to comply with the requirements hereof, or make such changes in operations as will comply herewith.

13. If the land herein described is owned in divided or undivided portions by more than one party, this instrument may be signed in any number of counterparts, each of which shall be binding on the party or parties so signing regardless of whether all the owners join in the granting of this lease.

14. At the option of the Lessee herein, the primary term of this lease may be extended for a period of one (1) year with the same rights and duties provided for herein as to the primary term, provided, however, if such option is exercised, the Lessee shall pay to Lessor the sum of $398.54 cash, in advance; and in the event Lessee desires to exercise such pption, it shall give Lessor at least thirty (30) days' written notice of same.

IN WITNESS WHEREOF, this instnument is executed this 2nd day of March 1955.

JAMES JOHANSON
GARNER POOLE
LESSOR.

N. D. SWOPE
ANDY WELLS
FRED BECKER
LESSEE.

THE STATE OF TEXAS)
COUNTY OF BURNET) BEFORE ME, a notary public in and for Burnet County, Texas, on this day personally appeared James Johanson, Garner Poole, N. D. Swope, Andy Wells and Fred Becker, known to me to be the presons whose names are subscribed to the foregoing instrument, and acknowledged to me that they executed the same for the purposes and consideration therein expressed.

Given under my hand and seal of office this 2nd day of March, 1955.

(SEAL)

D. V. HAMMOND
NOTARY PUBLIC BURNET
COUNTY, TEXAS.

COPY COPY

MARSHALL THOMAS, ET UX ET AL) State of Texas) Know all
)) men by
To/ Deed with Mineral Reservation) County of Burnet) these presents: That we, Marshall
and Vendor's Lien) Thomas and wife Edna Thomas, of
)
JAMES JOHANSON)

Dallas County, Texas; Alice Graham, a widow, of Cameron County, Texas; James S. Graham of Cameron County, Texas, individually and as independent executor and trustee of the estate of Louise Thomas, deceased; Nan Burke and her husband E. J. Burke, Jr., of Bexar County, Texas, acting herein by James S. Graham, their agent and attorney in fact; Katherine Ruth and her husband C. W. Ruth, Jr., of Cameron County, Texas, acting herein by their agent and attorney in fact James S. Graham; Robert William Thomas, Joyce Thomas and James Richard Thomas of Dallas County, Texas, acting herein by and through their agent and attorney in fact Lucile Thomas, for and in consideration of the sum of Fifteen Thousand Six Hundred Six and 75/100 Dollars ($15,606.75) cash to us in hand paid by James Johanson of McCulloch, County, Texas, the receipt of which is hereby acknowledged, and the further consideration of one promissory note of even date herewith executed by said James Johanson in favor of Marshall Thomas, in the principal sum of $14,000.00, payable on or before February 3, 1949, at Dallas, Texas, with interest at the rate of five per cent (5%) per annum from January 3, 1949, and which note provides for the usual ten per cent (10%) attorney's fees, and which is secured by an express lien reserved herein and further secured by deed of trust of even date herewith executed by said James Johanson to Charles Schnable, Trustee, and subject to the mineral reservation hereinafter set forth have granted, bargained, sold and conveyed, and by these presents do hereby grant, bargain, sell and convey unto the James Johanson all those certain lots, tracts and parcels of land lying and being situated in Burnet County, Texas, about eight miles West of the Town of Burnet and on the waters of Spring Creek, a tributary of the Colorado River, and located partly on the North side and partly on the South side of State Highway No. 29, and being out of seven surveys as follows:

FIRST TRACT: 200 acres out of the Northeast part of Abraham Large Survey 32, Abstract 532.

SECOND TRACT: 20 acres being all of George Stolley Survey 520, Abstract 849.

THIRD TRACT: 160 acres being all of R. H. Simpson Survey 1256, Abstract 1196.

FOURTH TRACT: 133.82 acres out of Eli Martin Survey 1332, Abstract 1258.

FIFTH TRACT: 55 acres the East part of D. H. Simpson Survey 1453 Abstract 1505.

SIXTH TRACT: 311.69 acres out of T. C. R. R. Co. Survey 105, Abstract 1587.

SEVENTH TRACT: 303.74 acres out of J. J. Boyce Survey 106, Abstract 1715, and fully described in one tract by metes and bounds as follows:

Beginning at the Southwest corner of J. J. Boyce Survey 106, S. E. corner of William Morrow Survey for Southwest corner of this tract from which a post oak bears South 24 E. 10 varas Post Oak bears S. 43 Deg. E. 10 varas.

Thence E. 2177 varas to a stake in S. line of T. C. R. R. Co. Sur. 105 set for N. W. corner of a 200-acre tract out of Abraham Large Survey for a corner of this tract from which a Post Oak bears N. 14 deg. W. 13 varas ditto bears N. 40 deg. W. 22 varas.

Thence S. 1411 varas with West line of said Abraham Large 200-acre tract to a stake for its Southwest corner from which an Elm bears N. 73 deg. E. 43 varas, live oak bears N. 65 deg. E. 46 varas.

Thence E. 800 varas with S. line of said 200-acre tract to a stake for S. E. corner of this tract.

Thence N. 2528 varas with the East line of said 200-acre tract and the East line of T. C. R. R. Co. Survey 105 and West line of Absalom Gray Survey to stake for corner of this tract.

Thence E. 177 varas with a South line of T. C. R. R. Co. Survey 105 to a stake for a Southeast corner of said survey from which a Live Oak bears S. 84½ West 23 varas, a hackberry bears S. 15 West 4 varas.

Thence N. 266 varas to Northeast corner of said T. C. R. R. Co. Survey 105 for a Northeast corner of this tract.

Thence West 1483 varas with North line of said Survey 105 to a stake for a corner of said survey and a corner of this tract from which Live Oak bears South 70 deg. West 18 varas and Elm bears South 13 deg. East 19 varas in East line of R. H. Simpson Survey 1256.

Thence North 920 varas with East line of said Survey 1256 the Northwest corner of J. M. Sparks Survey 1238 and Northeast corner of R. H. Simpson Survey 1256 for a Northeast corner of this tract.

Thence West 455 varas in North line of said Survey 1256 to Southeast corner of D. H. Simpson Survey for a corner of this tract from which a Post Oak bears South 33 West 20 varas ditto bears South 37 West 26½ varas.

Thence North 311 varas with East line of said D. H. Simpson Survey 1453 to its Northeast corner for a corner of this tract from which a Post Oak bears South 32 deg. East 21 varas, Post Oak bears North 78 deg. East 25½ varas.

Thence West 1,000 varas with North line of said Survey 1453 to a stake in its North line for Northwest corner of this tract and Northeast corner of a tract of 160 acres conveyed to MacLean, et al, in 1918.

Thence South 1942 varas with East line of said 160 acre MacLean tract at 311 varas the North line of J. J. Boyce Survey 106 at 1392 varas a South line of said survey and North line of Eli Martin Survey at 1942 varas the Southeast corner of said 160-acre tract and a corner of this tract.

Thence West 216 varas to a stake in West line of Eli Martin Survey 1332 the Southeast corner of E. F. Thomas Survey 1586 for a corner of this tract.

Thence South at 400 varas the Southwest corner of said Eli Martin Survey 1332 in East line of William Morrow Survey at 672 varas the place of beginning.

Included in said description is 18.75 acres heretofore conveyed to the State of Texas as a right of way for said Highway No. 29 and which right of way is not conveyed. However, any existing or future rights that the grantors may have in and to the said right of way are released and quitclaimed unto the said James Johanson.

The grantors hereby expressly reserve to themselves, their successors and assigns, an undivided one-half interest in and to all mineral of any character and mineral substances, including oil and gas, and located in, upon or underlying said premises, it being understood however, that said grantee, his successors, heirs and assigns, shall have the exclusive right to make all leases or contracts with reference to the development and sale of any such minerals without the consent of the grantors, and to receive all bonuses for such leases or contracts, and all delay rentals, if any, the grantors to receive only one-half of the net proceeds of royalties received from such minerals; provided, however, the grantee shall in no event make any lease or contract for such development which provides less than one-eight (1/8) royalty in favor of the owners of such mineral interest.

To have and to hold all and singular the said premises, together with all the rights and appurtenances thereunto in anywise appertaining or belonging (subject to such mineral reservation) unto the said James Johanson, his heirs and assigns, forever; and we, the undersigned grantors, do hereby bind ourselves, our heirs, executors and administrators, to warrant and forever defend all and singular the said premises unto the said James Johanson, his heirs and assigns, against every person whomsoever lawfully claiming or to claim the same, or any part thereof, except as to existing easements in favor of the Southwestern Bell Telephone Company and the Lower Colorado River authorities.

But it is expressly agreed and stipulated that the Vendor's Lien is retained against the above described property, premises and improvements, until the above described note and all interest thereon are fully paid according to its face and tenor, effect and reading, when this deed shall become absolute.

In Witness Whereof the parties hereto have executed these presents on this the 18th day of December, 1948.

Revenue Stamps $33.00

Marshall Thomas
Marshall Thomas

Edna Thomas
Edna Thomas

Alice Graham
Alice Graham

James S. Graham
James S. Graham
Individually and as independent Executor and trustee of the estate of Louise Thomas, Deceased

By James S. Graham
James S. Graham, their agent and attorney in fact.

Katherine Ruth and husband C. W. Ruth, Jr.

By James S. Graham
James S. Graham, their agent
and attorney in fact

Robert William Thomas, Joyce Thomas and
James Richard Thomas

By Lucile Thomas
Lucile Thomas, their agent
and attorney in fact.

STATE OF TEXAS) Before me, the undersigned authority, on this day
) personally appeared Marshall Thomas and Edna Thomas,
COUNTY OF DALLAS) his wife, both known to me to be the persons whose names are subscribed to the foregoing instrument, and acknowledged to me that they each executed the same for the purposes and consideration therein expressed, and the said Edna Thomas, wife of the said Marshall Thomas, having been examined by me privily and apart from her husband, and having the same fully explained to her, she, the said Edna Thomas, acknowledged such instrument to be her act and deed, and she declared that she had willingly signed the same for the purposes and consideration therein expressed, and that she did not wish to retract it.

Given under my hand and seal of office, this the 28 day of December, 1948.
(SEAL)

Irene Lassiter
Notary Public, Dallas County, Texas

STATE OF TEXAS) Before me, the undersigned authority, on this day
)
COUNTY OF CAMERON) personally appeared Alice Graham, a widow, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that she executed the same for the purposes and consideration therein expressed.

Given under my hand and seal of office, this the 27th day of December, 1948.

(SEAL)

C. S. Bennett
Notary Public, Cameron County, Texas

STATE OF TEXAS) Before me, the undersigned authority, on this day
)
COUNTY OF CAMERON) personally appeared James S. Graham, individually and as independent executor and trustee of the estate of Louise Thomas, deceased, 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 purpose and consideration therein expressed, and in the capacities therein stated.

(SEAL)

C. S. Bennett
Notary Public, Cameron County, Texas

STATE OF TEXAS) Before me, the undersigned authority, on this day
) personally appeared James S. Graham, agent and attorney
COUNTY OF CAMERON) in fact for Nan Burke and husband E. J. Burke, Jr.,

and Katherine Ruth and husband C. W. Ruth, Jr., known to me to be the person whose is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purposes and consideration therein expressed and in the capacities therein stated.

Given under my hand and seal of office, this the 27th day of December, 1948.

(SEAL) C. S. Bennett
Notary Public, Cameron County, Texas

STATE OF TEXAS)
) Before me, the undersigned authority, on this day personally appeared Lucile Thomas, agent and attorney in fact, for Robert William Thomas, Joyce Thomas and James Richard Thomas, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that she executed the same for the purposes and consideration therein expressed, and in the capacities therein stated.
COUNTY OF DALLAS)

Given under my hand and seal of office, this the 29 day of December, 1948.

(SEAL) Irene Lassiter
Notary Public, Dallas County, Texas

Filed for record Jan. 3, 1949, at 11:10 o'clock A.M.
Recorded January 4th, 1949, at 2:25 o'clock P.M.

Melvin Kinchelie Clerk
County Court, Burnet County, Texas

(STAMP) The State of Texas Wayne A Barton Clerk of Burnet County, Texas, County of Burnet certify that this is a true and correct copy of the record of Deed, filed in this office and is of record in vol 102 Page 311 record of Deeds Burnet County, Texas. Witness my hand and seal of office this 14 of Feb. 1956.
By June Glover Deputy
Wayne A Barton, Clerk of Burnet County, Texas

COPY

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Belton, Texas
Oct. 4, 1956

Mr. Clinton C. Knox
Executive Officer
DMEA Field Team, Region IV
Box- 431, Joplin, Mo.

Re: Docket 4211
Wild Horse Mine
Burnet Co. Tex.

Dear Mr. Knox:

I am attaching a revised application for loan funds which is in accordance with your expressed preference to have the initial stage of the loan scaled down. Your idea being that a second stage of exploratory work should necessarily be made advisable by information developed on the lease under the first stage of operation of such exploratory work.

The revised figures represented as being required for the initial stage of the loan is furnished in quadruplicate, and I am attaching also four small maps which indicates the geology in a rather wide section surrounding the lease and shows the leases we hold in colors suitable to make their position at once apparent.

We are attaching also, ~~four~~ only 3 see CCK copies of the isorad map we showed you on the occasion of your recent visit, and on this map we have drawn a cross section of the present pit No. 1. Also on this map we have shown the drill holes we propose to drill to a total depth below the surface of approximately 210-feet, said holes to be about 300-feet in length, and drilled at an angle of about 45-degrees.

The total funds requested will take care of the sinking of three 4-ft. X 7-ft. shafts at points indicated and will allow funds for the dewatering and exploratory examination of the old copper mine which is located on the South end of the 160-acre tract.

I trust this information will enable you to reach a decision on our loan application.

Yours truly

/s/ V. C. Doctorman
Box No. 1

Copies made & Sent to:
DMEA Op Com. (7)
King, USGS, Denver
10/8/56
CCK.

Lone Star Uranium Corp., [illegible]mple, Texas DME [illegible]oan Application Docket No. 4411

	Nov. 1956	Dec.	Jan. 1957	Feb.	Totals
ITEM 6-b					
Contract Core Drilling 6-300 ft. 1 1/8" diam. Holes @ $6.00 Per foot	$ 10,800.00				$ 10,800.00
Cons. Geologist (Retainer)	300.00	$ 300.00	$ 300.00	$300.00	1,200.00
Cons. Engineer	800.00	800.00	800.00	800.00	3,200.00
Bookkeeper (pt. time)	150.00	150.00	150.00	150.00	600.00
Mechanic " "	150.00	150.00	150.00	150.00	600.00
Shaft Sinking Labor	1,932.00	1,932.00	1,932.00	1,932.00	7,728.00
Totals Item 6-b	$14,132.00	$3,332.00	$ 3,332.00	$ 3,332.00	$ 24,128.00
ITEM 6-c					
Explosives	110.00	110.00	110.00	110.00	
Fuel & Lubricants	375.00	375.00	375.00	375.00	1,500.00
Office Supplies	10.00	10.00	10.00	10.00	40.00
Office Heat, light, Rent	100.00	100.00	100.00	100.00	400.00
Totals Item 6-c	595.00	595.00	595.00	595.00	2,380.00

ITEM 6-d

3- Tram cars @ $150.00 ea.	$ 450.00	10% of value for period	$ 45.00
3- dump buckets $30.00 ea.	90.00	100% of value for period	90.00
1- #105 Joy Air Compressor	3800.00	10% of value for period	380.00
2- Gardner-Denver Rock Drills @ $400.00	800.00	10% of value for period	80.00
Drill steel, Hose, and bits	600.00	10% of value for period	60.00
300-ft. 16 # Rail	60.00	10% of value for period	6.00
1- 4-wheel Drive Vehicle	1200.00	10% of value for period	120.00
Sub-Totals ITEM 6-d	$ 7000.00		$ 781.00

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JOPLIN, MO.

	Nov. 1956	Dec.	Jan. 1957	Feb.			
		(Sub Totals brought fwd.)			$ 7000.00		$781.00
2- Wood buildings					1250.00	4% of value for period	$ 50.00
Asst'd. Surveying Instruments					1310.00	10% " " " "	131.00
1 - Dewatering pump & engine					2700.00	" " " " "	270.00
1 - Gasoline fwr'd. Hoisting Engine					3200.00	" " " " "	320.00
1 - Gasoline fwr'd. Fan					900.00	" " " " "	90.00
100 ft. 12" Canvas Tubing					350.00	25% " " " "	87.50
Office Furniture & Eqpt.					500.00	10% " " " "	50.00
					$ 17,210.00	Total chgd. for Eqpt. Use	1779.50
ITEM 6-f							
Hoisting Hd. frame and Support for De-watering pump		$ 500.00					$500.00
Light wt. Discharge pipe		210.00					210.00
Totals ITEM 6-f		710.00					710.00
ITEM 6-g							
Mntce Supplies	$150.00	$150.00	$150.00	$150.00			$600.00
Assaying Service	100.00	100.00	100.00	100.00			400.00
Auditing Service	75.00	75.00	75.00	75.00			300.00
Workmans Comp. Ins.	238.00	238.00	238.00	238.00			952.00
Employers Liability Ins.	10.00	10.00	10.00	10.00			40.00
Pay Roll Taxes	210.00	210.00	210.00	210.00			840.00
Totals ITEM 6-g	$ 783.00	$ 783.00	$ 783.00	$ 783.00			$ 3132.00
ITEM 6-h	$ 400.00	$ 400.00	$ 400.00	$ 400.00			1600.00

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JOPLIN, MO.

Lone Star Uranium Corp.
RECAPITULATION OF COSTS

DMEA Application Docket 4411

Sheet No. 3
of 3 sheets
Revised 9-25-56

CASH DISBURSEMENTS BY MONTHS

ITEM NUMBERS		Nov. 1956	Dec.	Jan. 1957	Feb.		Totals
6-b		$ 14,132.00	$3,332.00	$3,332.00	$3,332.00		$ 24,128.00
6-c		595.00	595.00	595.00	595.00		2,380.00
6-d	(Prorated)	445.00	445.00	445.00	445.00		1,780.00
6-f			710.00				710.00
6-g		783.00	783.00	783.00	783.00		3,132.00
6-h		400.00	400.00	400.00	400.00		1,600.00
	Monthly Totals	$ 16,355.00	$ 6265.00	$ 5555.00	$ 5555.00	Grand Total	$ 33,730.00

7-b Applicant proposes to furnish equipment itemized in ITEM 6-d, which at the stipulated use allowance percentage amounts to $1,780.00.

Applicant proposes to furnish money in the amount of $6,653.00 which makes a total contribution by applicant of $8,433.00. Thus applicant proposes to furnish 25% of the total funds.

It is estimated that this first stage of the exploratory work will require four months time and that the work outlined for this initial stage will determine the extent of further exploratory work indicated on this prospect.

The equipment listed in ITEM 6-d is either new, or will be placed in first class condition at expense of applicant, and will be made available for further use in event more time than indicated shall be required.

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DIVISION
OCT 8 1973
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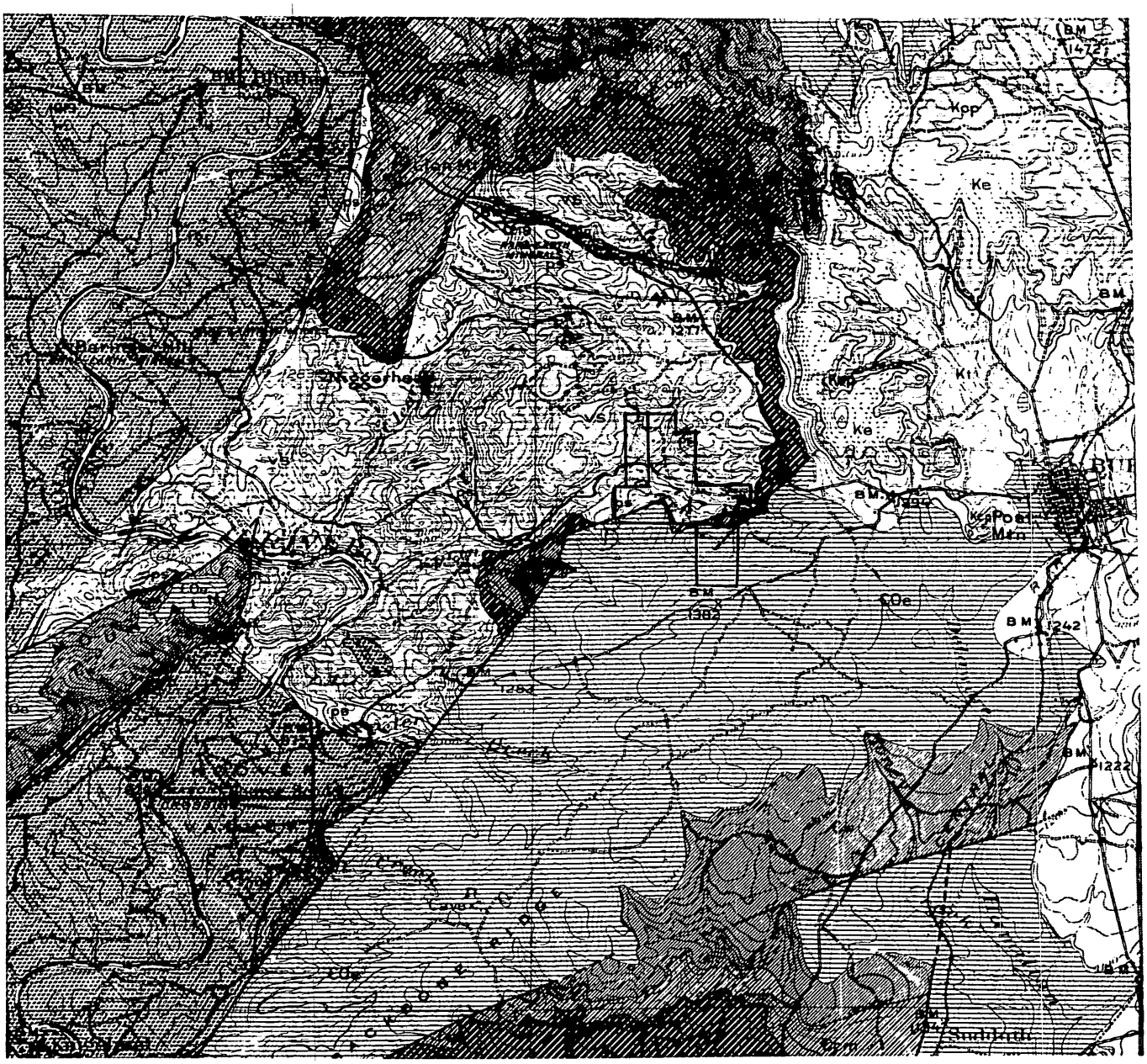
REPTN, NEV.

REPRODUCED FROM U.S.G.S. FOLIO No. 183

Legend:

RED- Indicates the 160-acre lease owned by Lone Star Uranium Corp.
Green- " " 1184-acre " " " " " " ".

fgr- Fine to medium grained granite (large masses and dikes)
Com- Cap Mountain Formation (Bluish and grayish limestone, sand, & sandstone)
VS - Valley Springs Gneiss (Acidic gneisses, quartzite, mica-schist)
PS - Packsaddle Schist (Amphibolite, graphite limestone & mica-schist)
Kcp- Comanche Peak Limestone (White, chalky limestone; indurated clay)
Ke - Edwards Limestone (Massive; white)



Kt - Trinity Formation (White and yellow limestone and marl with conglomerate, sandstone and clay at base)
COe- Ellenberger Limestone (Light gray to brown limestone and dolomite)
Ch - Hickory Sandstone (Conglomerate, and white and red sandstone; calcareous)
Cw - Wilbens Formation (This bedded, flaggy limestone, shale, with thin conglomeratic layers)

Scale: ½-inch: 1-Mile

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DIVISION

OCT 8 1956

BUREAU OF MINES
JOPLIN, MO.

3/30/56

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON, D.C.~~
Box 431
Joplin, Missouri

March 28, 1956

The Lone Star Uranium Corporation
504 First National Bank Building
Temple, Texas

Re: Docket DMEA-4211 (uranium)
Wild Horse mine
Burnet County, Texas

Dear Sirs:

This is to acknowledge receiving your March 26 letter today transmitting the original and three copies of your revised cost estimation sheets for consideration with your cited application docket.

Three copies of your letter with the original and two copies of the revised cost estimates are being forwarded to Washington now.

Concerning your reference to the possibility that an early visit to the property can be made by me, this also is to advise that in accordance with Sec. 4 of DMEA Order-1 (and the answer to question 22 in the booklet I sent you) authorization for the Field Team to examine your property can be given only by the DMEA Administrator in Washington when recommended and justified by the U. S. Bureau of Mines and Geological Survey Members of the three-man committee there which will assemble all available information, review, and appraise the exploration proposal in your application when you have completed it.

Therefore, as I previously advised, all the essential information you prepare and submit gladly will be forwarded to Washington as speedily as possible in the effort to expedite the decision on your application.

Sincerely yours,

RECEIVED

CCK/enn

Clinton C. Knox
Executive Officer
DMEA Field Team, Region IV

cc: DMEA Op.Com,(2)w/c
4211 file

see v extra sets in metal-found folder

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THE LONE STAR URANIUM COMPANY
504 First National Bank Building
Temple, Texas

3-26-56

The Defense Minerals Exploration
Administration
Department of the Interior
Box 431
Joplin, Missouri

Gentlemen:

We are attaching our revised estimates of cost which has been very drastically reduced. We feel that the funds outlined in this revised estimate will handle the most essential part of the proposed exploration work, and that this expenditure will outline the additional drilling that may become necessary.

I am sure that the loan funds here requested will prove up the area we have under consideration for first examination.

We are trying to get a suitable map of the area that will show the geology and surrounding area. When one is secured it will be forwarded to you without delay. However, we will certainly appreciate your consideration in an early visit to the property so that you may evaluate the area by first hand information.

Please advise if there is other data you will need.

Yours truly

V. C. Doctorman
Box No. 1
Belton, Texas

LONE STAR URANIUM COMPANY, Temple, Texas — DMEA Loan Application — (Revised) March 26, 1956

	Apr. 1956	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan. 1957	Feb.
ITEM 6-b											
1 Transitman		400 00	400 00	400 00			400 00		400 00		
2-Chainmen		450 00	450 00	450 00			450 00		450 00		
2-Rodmen		450 00	450 00	450 00			450 00		450 00		
1-Driller		435 00	435 00	435 00	435 00	435 00	435 00	435 00	435 00	435 00	435 00
1- Driller Helper		225 00	225 00	225 00	225 00	225 00	225 00	225 00	225 00	225 00	225 00
1- Truck Driver		225 00	225 00	225 00	225 00	225 00	225 00	225 00	225 00	225 00	225 00
1- Carpenter		320 00	320 00								
1- Cappenter Helper		225 00	225 00								
1- Mechanic		433 00	433 00	433 00	433 00	433 00	433 00	433 00	433 00	433 00	433 00
1- Book-Keeper		175 00	175 00	175 00	175 00	175 00	175 00	175 00	175 00	175 00	175 00
1- Draftsman		175 00	175 00	175 00	175 00	175 00	175 00	175 00	175 00	175 00	175 00
1- Cons. Geologist		400 00	400 00	400 00	400 00	400 00	400 00	400 00	400 00	400 00	400 00
1- Cons. Engineer		800 00	800 00	800 00	800 00	800 00	800 00	800 00	800 00	800 00	800 00
TOTALS ITEM 6-b		$ 4713 00	$ 4713 00	$ 4168 00	$ 2868 00	$ 2868 00	$ 4168 00	$ 2868 00	$ 4168 00	$ 2868 00	$ 2868 00
ITEM 6-c											
Wood Stakes		$ 30 00	$ 30 00	$ 30 00	$ 30 00	$ 30 00	$ 30 00		$ 30 00		
Fuel & Lubricants		775 00	775 00	775 00	775 00	775 00	775 00	775 00	775 00	775 00	775 00
Drill Steel & Bitts		2588 00	2588 00	2588 00	2588 00	2588 00	2588 00	2588 00	2588 00	2588 00	2588 00
Office Rental, Heat, Lights		75 00	75 00	75 00	75 00	75 00	75 00	75 00	75 00	75 00	75 00
Office Supplies		15 00	15 00	15 00	15 00	15 00	15 00	15 00	15 00	15 00	15 00
TOTALS ITEM 6-c		$ 3483 00	$ 3483 00	$ 3483 00	$ 3483 00	$ 3483 00	$ 3483 00	$ 3453 00	$ 3483 00	$ 3453 00	$ 3453 00
ITEM 6-d											
4- Ore Cars @ $200.00 Each						$ 800 00		20 % of Value for Period			$ 160 00
1- Joy No. 105 Air Compressor						3800 00			"		760 00
2- Gardner-Denver Rock Drills @ $400.00 Each						800 00			"		160 00
1- " " " "						600 00			"		120 00

(Continued Next Sheet)

	May- 1956	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.- 1957	Feb.
ITEM 6-d, Contd.										
Drill Steel, Asstd. Bitts					$ 550 00		20% of Value For Period			$ 110 00
Slushing Machine; Engine					3500 00		"			700 00
Centrifugal Pump					200 00		"			40 00
Ingersoll-Rand Air Compressor					3800 00		"			700 00
2000-ft. 16# Rail					400 00		"			80 00
1- 4-Wheel Drive Jeep					800 00		"			160 00
2- Wood Buildings					1250 00		"			250 00
1- Chevrolet Station Wagon					3300 00		"			660 00
1- Dump Truck					3400 00		"			680 00
1- Pick Up Truck					1600 00		"			320 00
Assorted Surveying Instruments					1310 00		"			262 00
Office Furniture and Equipment					2887 50		"			577 00
1- Core Drill and Equipment					10500 00		"			2100 00
1- Rotary Drilling Machine					3500 00		"			700 00
1- No. 315 Ingersoll-Rand Air Compressor					10500 00		"			2100 00
1- Mine Dewatering Pump					1700 00		"			340 00
							TOTAL CHARGED FOR USE OF EQUIPMENT			$ 10979 00
ITEM 6-f										
1- Hoisting Headframe for Suspension of Pump			$ 250 00							
ITEM 6-g										
Mnt'ce Supplies	$ 275 00	$ 275 00	$ 275 00	$ 275 00	$ 275 00	$ 275 00	$ 275 00	$ 275 00	$ 275 00	$ 275 00
Assaying Service	25 00	25 00	25 00	25 00	25 00	25 00	25 00	25 00	25 00	25 00
Auditing "	50 00	50 00	50 00	50 00	50 00	50 00	50 00	50 00	50 00	50 00
Compensation Insurance	192 00	192 00	191 00	165 00	165 00	191 00	165 00	191 00	165 00	165 00
Employers Liability Ins.	7 00	7 00	7 00	6 00	6 00	7 00	6 00	7 00	6 00	6 00
Pay Roll Taxes	235 00	235 00	208 00	143 00	143 00	208 00	143 00	208 00	143 00	143 00
TOTALS ITEM 6-g	$ 784 00	$ 784 00	$ 756 00	$ 674 00	$ 664 00	$ 756 00	$ 664 00	$ 756 00	$ 664 00	$ 664 00

LONE STAR URANIUM COMPANY Temple, Texas DMEA Loan Application (Revised) March 26, 1956

RECAPITULATION OF COSTS And CASH DISBURSEMENTS BY MONTHS

ITEM NUMBERS	May- 1956	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan- 1956	Feb.
6-b	$ 4713 00	$ 4713 00	$ 4168 00	$ 2868 00	$ 2868 00	$ 4168 00	$ 2868 00	$ 4168 00	$ 2868 00	$ 2868 00
6-c	3483 00	3483 00	3483 00	3483 00	3483 00	3483 00	3453 00	3483 00	3453 00	3453 00
6-d (Prorated)	1097 00	1097 00	1097 00	1097 00	1097 00	1097 00	1097 00	1097 00	1097 00	1106 00
6-f			250 00							
6-g	784 00	784 00	756 00	674 00	664 00	756 00	664 00	756 00	664 00	664 00
6-h	300 00	300 00	300 00	300 00	300 00	300 00	300 00	300 00	300 00	300 00
MONTHLY TOTALS	$ 10377 00	$ 10377 00	$ 10054 00	$ 8422 00	$ 8412 00	$ 9804 00	$ 8382 00	$ 9804 00	$ 8382 00	$ 8391 00

GRAND TOTAL COST FOR THE 10*-MONTH PERIOD IS $ 92,405.00

7-b Applicant proposes to furnish equipment itimized in ITEM 6-d, which at the stipulated allowance for use in the amount of 20% of present value is $10,979.00. Applicant proposes to furnish money in the amount of $ 12,122.25, which makes a total contribution by applicant of $23,101.25. Thus, applicant proposes to furnish 25% of the total required funds.

It is estimated that this project will require a 10-Month period for completion. However, in the event a longer period is required, applicant will continue to furnish equipment as here itimized, and for as long a period as becomes necessary.

All of the equipment listed in ITEM 6-d is either new or will be placed in first class condition at expense of applicant.

3-16-56 dgm

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D. C.~~
Box 431
Joplin, Missouri

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MAR 16 1956

March 14, 1956

DMEA Operating Committee
Defense Minerals Exploration Administration
Department of the Interior
Room 4459
Washington 25, D. C.

Re: Docket DMEA-4211 (uranium, copper, etc.)
Lone Star Uranium Corp.
Wild Horse mine
Burnet County, Texas

Dear Sirs:

Three copies each of letters to this office from the above-cited Applicant on March 6 and 8, respectively, are made and forwarded herewith for your information. Also enclosed are three copies made of a March 5 letter to the Applicant from Mr. Carl Chelf, Geologist, and the single copy of the "Prospectus" of the Applicant corporation furnished this office with its March 6 letter. The Applicant requested that the prospectus be returned to it as soon as it has served our purpose. I have abstracted sufficient notes therefrom for any eventual needs of this Field Team for such file information.

Any additional information that might become available pertaining to this application docket will be forwarded to you promptly.

Please advise if there is anything further I can do to facilitate the preliminary appraisal of this application by the personnel of D.M.E.A., the Geological Survey, and the Bureau of Mines, comprising your Commodity Group.

Sincerely yours,

Clinton C. Knox

Clinton C. Knox
Executive Officer
DMEA Field Team, Region IV

CCK/enn

encl (10)
cc: DMEA Op. Com.
Lone Star Uranium Co.
4211 DMEA Appl. Pend, file

C O P Y

The Lone Star Uranium Company
504 First National Bank Bldg
Temple, Texas
3-8-56

RECEIVED
MAR 16 1956

The Defense Minerals Exploration
Administration
Department of the Interior
Box No. 431
Joplin, Mo.

DMEA-4211

Gentlemen:

A report from our geologist is attached. Will you please include this in the prospectus mailed to you a few days ago?

We are very anxious to present this application to you in the most approved manner, and in such shape that you will require a minimum of time and effort in the studies you make of such things. If there is anything further that we can furnish to you please advise.

Yours truly

/s/ V. C. Doctorman
V. C. Doctorman
Mining Engineer

DMEA-4211

COPY

CARL R. CHELF
Box 918
Austin, Texas
March 5, 1956

RECEIVED
MAR 16 1956

Mr. V. C. Doctorman,
Box 1,
Belton, Texas.

Dear Mr. Doctorman: Re: Uranium Prospect, Burnet County.

During the past two months I have made two trips to Burnet County, Texas to study the nature and occurrence of the reported uranium discovery west of Burnet on lands on which the old Sheridan copper prospect is located.

This property is located about 6½ miles west of Burnet and about 300 yards north of State Highway No. 29. The Rainbow prospect is also about 300 yards north of the old Sheridan workings. The new prospect is a separate occurrence and is not related to the copper mineralization.

The map of this area made by Sidney Paige of the United States Geological Survey and published in the "Llano-Burnet Folio" is the most detailed map of this area but is not sufficiently detailed to be of much value in localized areas such as that of the Rainbow prospect.

Mineralization in the Rainbow prospect may coincide with a zone of irregular or discontinuous granitization within the Valley Spring gneiss. The Valley Spring gneiss has been injected with remelted gneiss, granite, and pegmatitic material as well as distinct pegmatite sills and dikes, and quartz dikes and sills.

Radioactivity at the site was noted at the Rainbow prospect and noted several years earlier in bits of material found on the dumps from the Sheridan workings. Fracture surfaces show radio-activity and a black mineral, probably uraninite, was found associated with small biotite-coated quartz "pods". Some surface coatings of material from fractures appears to be Autunite.

Present workings consist of an elongated pit which is about eight feet in depth and about fifteen feet in length. Radio-activity zones in the pit are highly irregular in distribution, but since radioactive minerals have been found in the pit, the site is a prospect and should be investigated and studied further.

Sincerely yours,

/s/ Carl Chelf
/t/Carl Chelf
Geologist

CC:cc

DMEA-4211

C*O*P Y

The Lone Star Uranium Company
504 First National Bank Bldg
Temple, Texas
3-6-56

RECEIVED
MAR 16 1956

The Defense Minerals Exploration
Administration
Box No. 401
Joplin, Missouri

DMEA-4211

Gentlemen:

Under separate cover to-day, we are forwarding to you the copy of our prospectus which was mentioned and promised for your further information in our letter of transmittal with loan application papers.

The geological report that was promised is still not ready. Our geologist has been out of contact with us, and has just returned to his home in Austin, Texas. I feel sure that his report will be forthcoming at a very early date. It will be forwarded to you in the next mail after being received here.

We are still negotiating with several mining companies who are interested in various ways. In the main, the principal interest seems to be a mining proposition as being most favored. Said interested mining companies are offering attractive royalties.

We will forward any additional information as it developes.

Yours truly

/s/ V. C. Doctorman
/t/ V. C. Doctorman
Mining Engineer

DMEA-4211

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
Box 431
Joplin, Missouri

RECEIVED
MAR - 9 1956

March 7, 1956

The Lone Star Uranium Company
504 First National Bank Building
Temple, Texas

DMEA-4011

Re: MF-104 Application (Uranium)
Burnet County, Texas

Dear Sirs:

This is to acknowledge receiving your application yesterday for a DMEA exploration project contract on your uranium prospect 6½ miles west of Burnet, Texas. Since I have reviewed the application, the original and two copies, with a copy of this letter, are being forwarded today to Washington for possible formal filing, assignment of a docket number, and eventual preliminary appraisals and comments by the proper offices of D.M.E.A., the Geological Survey and the Bureau of Mines; the fourth copy is being retained here for eventual Field Team use.

With regard to your expressed desire that this application be handled as speedily as possible, I believe you would not want its filing in Washington to await the additional information which you stated would be forwarded to me within a few days, or the application revisions which appear to me will be essential for drafting any DMEA project contract that geologists and engineers in the above-mentioned offices eventually might be justified in recommending.

Because I found no record in this office of previous correspondence with you, or of ever having furnished you information on DMEA or the MF-103 Forms, for your ready reference, I am enclosing herewith a copy of DMEA Order-1, Amended, and a booklet further explaining the Defense Minerals Exploration Program. With references to instructions in these enclosures and to various items of your application, my suggestions as to some of the most essential information, which should be presented to assure a comprehensive engineering evaluation of your proposed exploration program, follow:

3(a) Copies of the Lease and Sub-Lease are not attached with the copies of your application, as stated therein, nor is the legal description of all the land which you possess or control (evidently totaling some 1344 acres) given as required.

3(d) As stated above, the Lease and Sub-Lease are not attached as required; the "Assignment of Uranium, Thorium and All Kindred Metals" which is attached, does not appear clearly to me as any regular mining lease in the sense that it would protect the Government in any way by giving you any rights to explore, develop, exploit, or otherwise trespass on the properties; no rentals or percentage royalty actually is specified; and, no access to water

is assured. Incidently, with reference to the answers to questions 5 and 59 in the enclosed booklet. the landowner should be prepared to execute a Consent to Lien if the DMEA project you requested is ever granted.

4(a) Mention of pit-run ore "from a small adjoining acreage" in your covering letter, and later, "the mine opening now on the property" should be clarified so that we would know if they are both the same and if they are on property you control, or on adjoining acreage.

4(c) The maps or sketches referred to there, also are required in quadruplicate so that we will be able to understand where the open-pits, mine shafts, veins, axes of folding, etc., which you described briefly, are located with respect to your land lines, and proposed locations for each of your exploratory drill holes, pits, shafts, etc.

5(b) I believe copies of a sketch map showing graphically the results of your preliminary scintillometer survey, mentioned over most of the 160-acre lease, would be helpful for appraising your request for future work of the like. The map or sketch (and cross sections if needed) referred to in this item to show tentative locations of your proposed exploration work, etc., also are required in quadruplicate with copies of your application to afford a proper engineering appraisal of your proposed pattern for the exploration program. Evidently you have in mind at least some favorable indications in the 160-acre lease on which to locate one or more of the preliminary holes you proposed drilling. You did not specify the depth of the shafts mentioned as shown on the old maps, nor detail your plans for reopening them and conducting the proposed underground exploration therefrom.

6(b-h) Your cost estimates appear almost entirely unrealistic to me, most flagrant in the detailed breakdown of which is the estimate of $10,354 for drill steel and bits per month. Referring to the answer to question 17 in the enclosed booklet, only a fair depreciation allowance can be expected for Operator-owned items of equipment for the time actually in use on exploration, based ordinarily on a rate not to exceed 20 percent of the appraised value of the equipment per year. Evidently much of the equipment you listed would not be needed at least during the first months preliminary radiometric surveys you proposed.

In view of the fact that details of your proposed exploration plans and cost estimates are essential for drafting any such DMEA project contract as justifiably might be offered, I earnestly suggest that you revise your application in those respects as conservatively and as speedily as possible. I will be pleased to forward to Washington any and all supplemental information which you may be able to furnish, or you can submit it in triplicate direct, sending this Field Team Office the fourth copy.

Please do not hesitate to write for any further information, suggestions, or assistance that I can give for revising your application.

Sincerely yours,

Clinton C. Knox
Executive Officer
DMEA Field Team, Region IV

encl (2)
cc: DMEA(Docket Control and Stat.Div) w/3 encl.
Pend.Appl. file

P. D. SNEED, PRESIDENT

JAMES R. LEDGER, VICE PRESIDENT
GENERAL MANAGER

The Lone Star Uranium Co.

504 FIRST NATIONAL BANK BLDG.
PHONE PR8-1451
Temple, Texas

Mar. 1, 1956

RECEIVED
MINERALS TECHNOLOGY
DIVISION
MAR 6 1956
BUREAU OF MINES
JOPLIN, MO.
RECEIVED
MAR - 1956

The Defense Minerals Exploration
Administration
Department of the Interior
P. O. Box No. 431
Joplin, Missouri

Gentlemen:

We are attaching hereto form MF-103, executed in quadruplicate, covering our needs for financial assistance in making a complete and comprehensive exploratory survey of the premises herein described.

This prospect has received a great deal of publicity as being a better than average showing of uranium bearing ores. It is the considered opinion of geologists and mining men that there is represented here hope of the discovery of a really important bed of primary uranium minerals.

One truck load of ore (pit run) has been taken from a small adjoining acreage and sold to The American Refining and Smelting Company, at Globe Ariz. The assay was 0.18 % (Eighteen One-hundreths of One Percent). It is known now that had the ore been confined to a smaller width of about 24" on either side of the vein showing, that a much better assay result would have been recorded.

This application, to the best of our knowlege, is complete, except that a geological report and map is not included. This addtional information is to be furnished however, and will be forwarded to you within a very few days.

Far from complete etc

We are sending to you, under separate cover, a copy of a prospectus that will bring to your attention additional information that will doubtless be of assistance in evaluation of the prospect. This prospectus we will want returned to us when it has served your purpose.

We will appreciate your consideration in the handling of this application as speedily as possible, as we feel that advantage will accrue to all concerned ifthe project can be handled during the spring and summer months.

Please advise if there is anything further that we can furnish to you that will facilitate your handling of the application.

Yours truly

V. C. Doctorman

V. C. Doctorman
Mining Engineer

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

RECEIVED
MAR - 9 1956

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

Not to be filled in by applicant

Docket No. DMEA-4211
Metal or Mineral Uranium
Date Received 3-9-56
Estimated Cost $271,445.11
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: LONE STAR URANIUM CORP (A Texas Corp.) 504 First Natl Bank Bldg, Temple, Texas. President: P.D.Sneed, Temple, Texas. Vice President James R. Ledger, Temple, Texas. Secretary-Treasurer, C.C.Countess, Belton Texas.

(*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
(See attached ~~Lease and~~ sub-lease agreements and descriptions)

(*b*) State any mine name by which the property is known. "Wild Horse Mine"

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

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

(*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. None

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.

16—66551-1

Note: All of item 4, is covered by supplemental sheets.

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

(*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 10 days and be completed within 11 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.). None

(*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 [ ] Other

Explain in detail on acompanying paper. See supplemental information on accompanying sheet.

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 February 25th., 1956

Lone Star Uranium Corp.
(Applicant)

By P. D. Sneed
P. D. Sneed, 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

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MAR - 2 1956

LONE STAR URANIUM CORPORATION, 504- 1st. Natl. Bank Bldg. Temple, Tex.

ITEM 4. (Physical Description)

(a) The mine opening now on the property is an open-pit excavation of approximately 20-ft. X 8-ft. in horizontal cross section, and of about 15-ft. in depth. From this opening a considerable stockpile of low grade ore has been removed, and a load of higher grade material has been removed, shipped, and sold to the American Smelting and Refining Company at Cutter Siding, Arizona. This opening is accessable for inspection.

Thus far the Lone Star Uranium Corporation has done the mining and exploratory work under a lease agreement with the landowner, but at this time negotiations are being completed with a nationally known mining company to continue the mining and exploratory work on the 160- acre lease according to their own methods and plans. This agreement will be one in which the corporation and the landowner will receive a stipulated royalty.

(b) There is a stockpile of ore, but it has not been evaluated.

(c) The area now under lease by Lone Star Uranium Corp. consists of 1344.25-Acres of land lying west of the town of Burnet, Texas 6½-Miles. This area is in the Hill-Country of Texas, and is the area known geologically as the "Llano Uplift". The country rock consists of the Valley Springs Gneiss and the Packsaddle Schist, with occasional dyke and an occasional intruded granitic mass.

The mineralization replacement veins in the gneiss and schist may well be bedded lenticular veins. Mineralization appears to have come about by the hydro-thermal process, which further gives rise to the theory that the radio-actice material has come up from some depth below. It is apparent too, that the pre-cambrian rocks, in folding, played a very important part in localizing the deposition of mineral matter carried in by the hydro-thermal process. The folding has effected the primary beds in such way as to increase their usefulness as passageways for the mineral bearing solutions. This is particularily true at the axis of folding, where stretching and subsequent cooling enlarged the openings at the bedding planes.

Among the many geologists that have visited the area there is general agreement that mineralization of the country rock came about by the intrusion of mineral bearing hydro-thermal solutions. As this theory has the support of our most able investigators in the field of geology, it would seem that we may very well expect to locate extremely valuable commercial deposits of uranium bearing ores on the properties now being considered for further exploratory work by this company.

Located on the 160-Acre lease there is an old mine that was worked for copper bearing ores. It is said that many other minerals were in evidence, including silver, cobalt, lead, nickel, iron, zinc, and mica. At that time there was no importance placed on uranium as a commercial mineral. We feel that there may have been valuable ore deposits present

LONE STAR URANIUM CORPORATION, 504- 1st. Natl. Bank Bldg. Temple, Tex.

Item 4, (c) Continued.

in this mine, and that the relatively negligent cost of dewatering the mine would be justified by making accessable the shaft openings and the passageway openings. By this means a syntilation survey of the mines interior might disclose very valuable radio-active minerals.

This applicant is primarily interested in the recovery of uranium bearing ores, but will be in position to handle any type of mineral that should be found in commercial quantities.

As a supplemental exhibit there is included with this application a prospectus covering most of the information that may be required concerning details not otherwise requested specifically in the subdivisions of the items on the printed form. We request that you return this to the company when it has served your purpose.

(d) State Highway No. 29 crosses the property, and there are several all-weather roads on the property which renders the property accessable for truck and motor car travel.

Railroad shipping points are located at the towns of Burnet and Lampassas, Texas. Burnet is 6½-miles East of the property and Lampassas is 32-miles to the North.

Supplies and equipment to serve this area are available at Burnet, Lampassas, Austin, Dallas, Houston and San Antonio.

Ample labor supplies are to be had from the nearby town of Burnet, and there is ample housing either at Burnet or at Lampassas, Texas.

(e) All materials and supplies required for this project are to be had in the urban centers within 150-miles of the property.

Water is available in great quantity only 1.9-miles to the Southwest, where the Colorado river is impounded to form the Inks Lake. Also, within a few hundred feet there is a well that affords approximately 30- gallons of water per minute. A creek is nearby that runs continuously throughout the year.

Power is available in adequate supply only 2.5-miles from the property.

Item 5. (The Exploration Project)

(a) Applicant is primarily interested in the recovery of uranium, but intends to conduct search for all valuable minerals that may be found by methods employed in exploration. There are many minerals in the area, and it is quite likely that commercial quantities will be found by systematic search such as now being planned.

(b) It is proposed to begin the exploratory work with a thorough survey employing syntillation apparatus. Said survey to be closely

LONE STAR URANIUM CORPORATION, 504- 1st. Natl. Bank Bldg. Temple, Tex.

Item 5, (b) Continued.

guided by a grid map of the area to be examined. On completion of this preliminary survey the drilling crews will follow-up on the most likely areas. After that, the number and placement of holes will be governed by drilling information as same is developed.

Included in the (attached prospectus*) there is an old map of the mine that was made sometime before the mine was abandoned. This old map tells us very little except that it does show the depths to which the shafts were driven. Also included in the prospectus is a general map of the area under consideration.

Prospecting by syntillating instruments has been done over most of the 160-area lease on which the first excavation is made. And the larger acreage to the East, North, and South of the 160-acre lease has been prospected by syntillation survey but has not been carried out systematically. A great deal of evidence pointing to heavy mineralization has been discovered. It is a source of promise that is sufficient to justify more complete examination.

(c) The principals allied with the Lone Star Uranium Corporation are thoroughly experienced in the field of heavy construction, and engineering structures involving the use of heavy equipment. Their experience embraces the type of work necessary to be performed here on this mining and development project.

Mr. V. C. Doctorman of Belton, Texas, is the mining engineer who is to have charge of the mining and exploration work from the standpoint of consultant, and possibly will serve as supervisor as well. This man has an engineering background that extends over the past thirty years and embraces an experience record that covers all of the many phases of engineering incident to the field of mining, and more particularily the overall planning of a mining enterprise such as here seems necessary. Mr. Doctorman has spent most of his professional career as a mining engineer in the service of The McAlester Fuel Co. of McAlester, Oklahoma.

Item 6. (Estimate of Costs)

This item is covered on another sheet.

3/13/56
EWP

* none attached with this copy of application

Later: Prospectus rec'd. 3/16/56
EWP

LONE STAR URANIUM CO., Temple, Texas — DMEA Loan Application — February 25, 1956

ITEM 6-b	Apr. 1956	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan. 1957	Feb.
1- Transitman	$ 400.00	$ 400.00	$ 400.00	$ 400.00		$ 400.00		$ 400.00		$ 400.00	
2- Chainmen	450.00	450.00	450.00	450.00		450.00		450.00		450.00	
2- Rodmen	450.00	450.00	450.00	450.00		450.00		450.00		450.00	
2- Drillers	870.00	870.00	870.00	870.00	$ 870.00	870.00	$ 870.00	870.00	$ 870.00	870.00	$ 870.00
2- Driller Helpers	450.00	450.00	450.00	450.00	450.00	450.00	450.00	450.00	450.00	450.00	450.00
1- Truck Driver	225.00	225.00	225.00	225.00	225.00	225.00	225.00	225.00	225.00	225.00	225.00
4- Test Pit Men	900.00	900.00	900.00	900.00	900.00	900.00	900.00	900.00	900.00	900.00	900.00
2- Hoistmen	520.00	520.00	520.00	520.00	520.00	520.00	520.00	520.00	520.00	520.00	520.00
1- Carpenter	320.00	320.00				320.00					
1- Carpenter Helper	225.00	225.00				225.00					
1- Mechanic	433.00	433.00	433.00	433.00	433.00	433.00	433.00	433.00	433.00	433.00	433.00
1- Book-Keeper	350.00	350.00	350.00	350.00	350.00	350.00	350.00	350.00	350.00	350.00	350.00
1 - Draftsman		350.00	350.00	350.00		350.00		350.00		350.00	
1- Consultant Geologist		400.00	400.00	400.00	400.00	400.00	400.00	400.00	400.00	400.00	400.00
1- Consulting Engineer	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00
TOTALS- ITEM 6-b	$ 6393.00	$ 7143.00	$ 6598.00	$ 6598.00	$ 4948.00	$ 7143.00	$ 4948.00	$ 6598.00	$ 4948.00	$ 6598.00	$ 4948.00

ITEM 6-c											
Wood Stakes	$ 30.00	$ 30.00	$ 30.00	$ 30.00		$ 30.00		$ 30.00	$ 30.00		$ 30.00
Iron Stakes	15.00	15.00	15.00	15.00		15.00		15.00	15.00		15.00
Diesel Fuel and Gasoline	1500.00	1500.00	1500.00	1500.00	$ 1500.00	1500.00	$ 1500. 00	1500.00	1500.00	$ 1500.00	1500.00
Lube-oil, Grease	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00
Drill Steel, Bitts	10354 .00	10354.00	10354.00	10354.00	10354.00	10354.00	10354.00	10354.00	10354.00	10354.00	10354.00
Office Rental	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Heat and Light	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
Office Supplies	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00
TOTALS- ITEM 6-c	$ 12076.00	$12076.00	$12076.00	$12076.00	$ 12031.00	$12076.00	$12031.00	$12076.00	$12076.00	$12031.00	$12076.00

ITEM 6-d	Furnished By Lone Star Uranium Co.	Present Value	Use Allowance Per Month	& Period
4- Ore Cars at $200.00 Each	X	$ 800.00	$ 80.00	$ 880.00
1- Joy No. 105 Air Compressor	X	3800.00	198.00	2178.00
2- Gardner-Denver Rock Drills @ $400.00 Ea.	X	800.00	105.00	1155.00
1- Gardner-Denver Rock Drill	X	600.00	90.50	995.50
Drill Steel and Assorted Bitts & 1" Hose	X	550.00		550.00
1- Slushing Mch. with Waukesha Engine	X	3500.00	350.00	3850.00
1- Fairbanks-Morse 2" Centrifugal Pump	X	200.00	75.00	825.00
Totals Carried Forward		$ 10250.00	$ 898.50	$10433.00

ITEM 6-d, Continued.	Furnished By Lone Star Uranium Co.	Present Value	Use Allowance Per Month	and For Period
Totals Brought Forward		$ 10250.00	$ 898.50	$ 10433.00
1- Ingersoll-Rand Air Compressor	X	3800.00	246.00	2952.00
2000-Ft. 16-lb. ASCE Steel Rail	X	400.00		400.00
1- Four Wheel Drive Jeep	X	800.00	150.00	1650.00
2- Wood Buildings suitable for Storage	X	1250.00	13.00	143.00
1 - Station Wagon (Chevrolet)	X	3300.00	85.00	935.00
1- Dump Truck	X	3400.00	250.00	2750.00
1- Pick-up Truck	X	1600.00	125.00	1375.00
Assorted Surveying Instruments	X	1310.00	13.00	143.00
Office Furniture and Equipment	X	2887.50	29.00	319.00
1- Core Drill and Equipment	X	10500.00	1000.00	11000.00
1- Rotary Drilling Machine (Wagon Drill)	X	3500.00	248.00	2728.00
2- No. 315 Ingersoll-Rand Air Compressor	X	21000.00	1084.00	11924.00
2- Tugger Hoists (Air)	X	1000.00	100.00	1100.00
500- Ft. 5/8" Wire Rope	X	100.00		100.00
TOTALS- ITEM 6-d		$ 65097.50	$ 4241.00	$ 47952.00

wow!!

ITEM 6-f

2- Portable Hoisting Head-Frames @	$ 1650.00
1- Headframe for Suspension of pump	1600.00
TOTALS ITEM 6-f	$ 3250.00

ITEM 6-g.	Apr. 1956	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan. 1957	Feb.
Mnt'ce. Supplies	$ 500.00	$ 500.00	$ 500.00	$ 500.00	$ 500.00	$ 700.00	$ 700.00	$ 700.00	$ 700.00	$ 700.00	$ 700.00
Assaying Service	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00
Auditing Service	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00
Compensation Insurance	291.66	291.66	301.66	301.66	283.66	301.66	283.66	301.66	283.66	301.66	283.66
Employers Liability Ins.	7.46	10.56	17.48	17.48	13.84	17.48	13.84	17.48	13.84	16.48	13.84
Pay Roll Taxes	136.56	263.90	437.65	437.65	347.65	437.65	347.65	437.65	347.65	412.15	347.65
TOTALS ITEM 6-f	$ 1085.68	$1166.06	$1356.79	$1356.79	$ 1245.15	$1556.79	$1445.15	$1556.79	$1445.15	$1530.29	$1445.15

LONE STAR URANIUM CO. Temple, Texas — DMEA Loan Application — February 25, 1956

RECAPITULATION OF COSTS And CASH DISBURSEMENTS BY MONTHS

ITEM NUMBER	Apr. 1956	May	June	July	Aug.	Sept.	Oct	Nov.	Dec.	Jan. 1957	Feb.
6-b	$ 6393.00	$ 7143.00	$ 6598.00	$ 6598.00	$ 4948.00	$ 7143.00	$ 4948.00	$ 6598.00	$ 4948.00	$ 6598.00	$ 4948.00
6-c	12076.00	12076.00	12076.00	12076.00	12031.00	12076.00	12031.00	12076.00	12076.00	12031.00	12076.00
6-d	4241.00	4241.00	4241.00	4241.00	4241.00	4241.00	4241.00	4241.00	4241.00	4241.00	5542.00
6-e (None)											
6-f	1650.00	1600.00									
6-g	1085.68	1166.06	1356.79	1356.79	1245.15	1556.79	1445.15	1556.79	1445.15	1530.29	1445.15
6-h	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00
MONTHLY TOTALS	$ 25935.00	$ 26726.06	$ 24771.79	$ 24771.79	$ 22965.15	$ 25516.79	$ 23165.15	$ 24971.79	$ 23210 .15	$ 24900.29	$ 24511.15

GRAND TOTAL COST FOR THE 11-MONTH PERIOD IS $ 271,445.11

7-b Applicant proposes to furnish equipment itimixed in ITEM 6-d, and at the use allowance for the period as shown, which for the period amounts to $47,952.00. Applicant proposes to furnish money in the amount of $50,000.00, making a total contribution by applicant of $97,952.00. Thus, applicant proposes to furnish approximately 36% of the total cost of the project.

It is estimated that this project can be completed within the 11-Month period here outlined, but in the event a longer time is required, then applicant will continue to furnish the equipment listed in ITEM 6-d, and for as long a time after the expiration of the 11-month period as may become necessary.

All of the equipment listed in ITEM 6-d is either new or will be placed in first class condition at expense of applicant.

ASSIGNMENT OF URANIUM, THORIUM AND ALL KINDRED MINERALS.

WHEREAS, On the 2 day of October, 1955, a certain oil and gas mining lease was made and entered in by and between N. D. Swope, Andy Wells and Fred Becker, Lessor and P. D. Sneed and R. L. Ledger, Lessee, covering the following described land in the county of Burnet and State of Texas, to-wit:

Being 1184.25 acres, more or less, described in a certain lease from James Johanson to N. D. Swope, Andy Wells and Fred Becker, dated March 2nd, 1955, which lessee recorded in Vol. 9, Page 255 of Oil & Gas Records in the Office of County Clerk of Burnet County, Texas, and

a second lease of 160 acres, described in a lease from James Johanson and Garner Poole to N. D. Swope, Andy Wells and Fred Becker, dated March 2nd, 1955 as recorded in Vol. 9, Page 251 of Oil and Gas Records in the office of County Clerk of Burnet County, Texas, to which redords and leases reference is here made for full description of the above mentioned two tracts.

This assignment also conveys lessors interest in that certain lease on 160 acres of land in Burnet County, described in a lease from Ruth Goode Poole and husband, Garner Poole, doing business as Poole Mineral Products Co., to N. D. Swope, Andy Wells and Fred Becker, on date October 1st, 1955, which lease is recorded in Book _____ Page _____ of Oil & Gas Records in the office of County Clerk of Burnet County, Texas.

Said lease being recorded in the office of the County Clerk in and for said County in book_____, page_____, and

Whereas, The said lease and all rights thereunder or incident thereto are now owned by N. D. Swope, Andy Wells, and Fred Becker.

Now, Therefore, for and in consideration of One Dollar (and other good and valuable consideration), the receipt of which is hereby acknowledged, the undersigned, the present owners of said lease and all rights thereunder or incident thereto, do _____ hereby bargain, sell, transfer, assign and convey all rights, title and interest of the original lessee and present owners in and to said lease and rights thereunder, insofar as it covers the Uranium, Thorium and all kindred minerals, and all rights owned by the lessors herein, to 1400 acres of land described as set out hereinabove, same being out of the James Johanson Ranch in Burnet County, Texas,

together will all personal property used or obtained in connection therewith to P. D. Sneed and R. L. Ledger and their heirs, successors and assigns.

And for the same considerations, the undersigned for themselves and Their heirs, successors and representatives, do___covenant with the said assignee their heirs, successors, ro assigns that P. D. Sneed, Andy Wells, and Fred Becker are the lawful owners of said lease and rights and interest thereunder and of the personal property thereon or used in connection therewith; that the undersigned_____ good right and authority to sell and convey the same, and that said rights, interests and property are free and clear from all liens and incumbrances, and that all rentals and royalties due and payable thereunder have been duly paid, and that the undersigned will warrant and defend the same against the lawful claims and demands of all persons whomsoever.

In Witness Whereof, The undersigned owners and assigners have signed and sealed this instrument the 2 day of October 1955.

N. D. Swope
_____ (Seal)

Andy Wells
_____ (Seal)

Fred Baker
_____ (Seal)

Murphy file

February 1, 1957

Summary of Proposed Project

Object: Denial of application for exploration aid.

Docket No.: DMEA-4211

Commodity: Uranium

Applicant: Lone Star Uranium Corporation
504 First National Bank Building
Temple, Texas
P. D. Sneed, President

Amount of Application: Original, February 25, 1956 - $271,445.11
Revised, March 26, 1956 - $92,405.00
Revised, October 4, 1956 - $33,730.00

Property Rights: Two leases on contiguous tracts of land totaling approximately 1,344 acres surrounding the Wild Horse Mine. Land records and plats examined by the Field Team show the extent of the property crossing Texas State Highway 29 from 6 to 7 miles west of the town of Burnet, Burnet County, Texas. However, the Applicant's plot of its property lines on the geologic map submitted October 4, 1956, does not seem to be in a corresponding location.

Work Proposed:

Original Proposal - Begin the work with a thorough survey employing sintillation apparatus and drilling of most likely areas. After that, the number and placement of the holes will be governed by the drilling information as it is developed. The Applicant also mentioned dewatering an old mine on the property.

Revised Proposal of March 26:

No program given but judging from the work items it appears that the purpose of the project would be to dewater and sample the old mine.

Revised Proposal of October 4, 1956:

Drill 6 holes, sink three 4 x 7 shafts, and dewater the old copper mine which is located on the south end of the 160 acre tract.

Estimated Cost of October 4, 1956 proposal:

1,800 ft. core drilling @ $6/ft.	$10,800.00	
Labor, supervision, consultant	13,328.00	
Material & supplies	2,380.00	
Use of company equipment	1,780.00	
Equipment purchase	710.00	
Miscellaneous	3,123.00	
Contingencies	1,600.00	
Total estimated cost of Project		$33,730.00

Excerpts from Field Team Report:

Following the reviews of the application material in Washington, letters of April 2 and July 16 to the Field Team requested additional information. Believing the Applicant had possibly assembled a significant part of the needed information, the Field Team examined the Wild Horse prospects on September 17-18, 1956, while in Texas on other such DMEA work. King (USGS, Denver) and Knox (USBM, Joplin), the field examiners, discussed the project and proposals with the Applicant's representatives J. R. Ledger, Vice President, H. J. Bellamy, Stockholder, and V. C. Doctorman, Mining Engineer:

Concluding the examination, the Wild Horse prospects were discussed with S. R. Steinhauser, Chief, in the Austin Offices of AEC. He indicated accord with the conclusions reached by the Field Team that - small irregular syngenetic deposits of pitchblende mineralization probably accompanied with rare earth minerals occur in granite pegmatite and gneiss of Precambrian age, and that no worthwhile exploration target was evidenced and that significant deposits of uranium ore are not likely to be found at the Wild Horse Project.

The Field Team recommended that the application be denied.

The Prospect

Several small irregular pods and veinlets containing uraninite are exposed in four pits, the largest of which is 40 feet long, 10 feet wide, and 10 feet deep. The applicants claim that a shipment of ore assaying 0.18% U_3O_8 was made, from this pit, however, no direct statement in regard to the returns from this alledged shipment was given to the DMEA examiners. A small tonnage of material stockpiled near the pit showed radioactivity but was not of ore grade.

An "Isorad" map based on radioactivity traverses submitted by the Applicant on October 4 was checked in the field. The field examiners state that the map is so erroneously contoured that it only serves to show scattered and unrelated radioactivity.

One-quarter mile south of the Wild Horse Mine is an abandoned shaft of a copper prospect. The flooded shaft is used by ranchers as a water supply for cattle. Traces of copper minerals in schist are visible on the dump.

About 1,000 feet north of the Wild Horse mine is a second shaft, reported to have been sunk 80 feet to prospect a fluorspar deposit. This shaft is filled to the collar.

About one mile northwest of the subject property the Southwestern Graphite Company is presently exploiting a graphite deposit in a schist formation.

Considerable quantities of rare-earth minerals have been produced from the Baringer Hill deposits, about 8 or 9 miles west of the Wild Horse mine.

Commodity Member's Comments: (excerpts)

USBM, J. E. Crawford, January 30, 1957:

Mr. Crawford concurs in the Field Team's recommendation.

USGS, N. E. Nelson, January 30, 1957:

Mr. Nelson summarizes the application and concludes that, in view of the general similarity of mineralization to that of the Bancroft district in Ontario, Canada, where uranium production is being obtained from granite dikes in Precambrian gneiss, he recommends the application be denied without prejudice. He notes that a general sampling by short diamond drill holes, might, as it did in Ontario, point up a deposit of worth.

Rare and Miscellaneous Metals Div., F. M. Murphy, February 4, 1957:

V. C. Doctorman, Mining Engineer, in charge of the property, either wilfully or purposely failed to supply coherent data to DMEA justifying the unrealistic amounts of money requested. It is quite possible that the application was made for stock selling publicity purposes rather than a sincere attempt to obtain assistance in exploring the property.

Conclusions and Recommendations:

This Division agrees with the Field Team that because of the absence of wall rock alteration and the discontinuity of the mineralized structures no specific exploration target exists. However, we agree with Mr. Nelson that the application should be denied without prejudice. If future work by the Applicant discloses a favorable specific target area then a new application should receive consideration.

Ernest Wm. Ellis

Ernest Wm. Ellis, Chief
Rare and Miscellaneous
Metals Division

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code

FEB 28 1957

Mr. Ernest E. Thurlow, Manager
Denver Area Office AEC
P. O. Box 7647
Lakewood Branch
Denver 2, Colorado

Subject: DMEA Field Team Uranium Examination Reports

Dear Mr. Thurlow:

Enclosed are single copies of the following reports which should complete your file on reports of uranium field examinations made in DMEA Region IV to date:

1. Docket No. DMEA-3763, Centra Exploration Company, Inc., Camden and Laclede Counties, Missouri, September 15, 1955, by T. B. Williams and C. C. Knox.

2. Docket No. DMEA-3865, Amicon Oil Company, Hudspeth County, Texas, August 25, 1955, by C. C. Knox and D. R. Maclaren.

3. Docket No. DMEA-4211, Lone Star Uranium Corporation, Burnet County, Texas, January 15, 1957, by R. U. King and C. C. Knox.

4. Docket No. DMEA-4304, Louis A. Sanford, Pawnee County, Oklahoma, August 14 and 22, 1956, by C. C. Knox and R. U. King, respectively.

5. Docket No. DMEA-4405, Centra Explorations Company, Inc., Camden and Laclede Counties, Missouri, January 29, 1957, by C. C. Knox.

In addition, the final Field Team report, with attachments, on Docket No. DMEA-2924, Oto and Knox, Pawnee County, Oklahoma, September 24, 1954, and January 12, 1955, by C. C. Knox and F. P. Durand, respectively, is enclosed.

Sincerely yours,

C. O. Mittendorf (for)

Administrator

GCSelfridge/esf
2/27/57
cc to: Dockets (6)
FT, REG. IV (2)
Admr. R. File
Oper. Comm.
FDLamb, USBM
THKillingsgaard, USGS
GCSelfridge (2)

Enclosures

8623

DMEA Form 7
(12-56)

700

OFFICIAL FILE COPY

Date	Surname	Code
2-5	Murphy	700
2-5	[illegible]	700
"	Johnson	110
"	Mittendorf	100
		220

FEB 5 1957

Hon. Lyndon B. Johnson
United States Senate
Senate Office Building
Washington 25, D. C.

Re: Docket No. DMSA-4211 (Uranium)
Lone Star Uranium Corporation
Wild Horse Mine
Burnet County, Texas

Dear Senator Johnson:

In accordance with the request from your office, enclosed is one copy of our letter, dated February 4, 1957, to Lone Star Uranium Corporation.

Sincerely yours,

C. O. Mittendorf

Administrator

Enclosure

Identical letter w/shadow copy sent to Bourke B. Hickenlooper
United States Senate

FMMurphy/izm
cc to: Code 700- Mr. Murphy
Admr.'s Reading File
DMEA FT Reg. 4 (2)

R.C.L.

8623

DMEA Form 7
(12-56)

700

OFFICIAL FILE COPY

Date	Surname	Code
2-5	Murphy	700
2-5	Ellis	700
"	Johnson	110
"	Mittendorf	100
		220

FEB 5 1957

Hon. W. R. Poage
House of Representatives
Washington 25, D. C.

Re: Docket No. DMEA-4211 (Uranium)
Lone Star Uranium Corporation
Wild Horse Mine
Burnet County, Texas

Dear Mr. Poage:

In accordance with the request from your office, enclosed is one copy of our letter, dated February 4, 1957, to Lone Star Uranium Corporation.

Sincerely yours,

C. O. Mittendorf

Administrator

Enclosure

Identical letter w/shadow copy sent to Hon. Homer Thornberry
House of Representatives

FMMurphy/izm 2-5-57
cc to: Code 700 - Mr. Murphy
Admr.'s Reading File
DMEA FT, Reg. 4 (2)

8623

DMEA Form 7
(12-56)

700

OFFICIAL FILE COPY

Date	Surname	Code
2-1	Murphy	700
2-4	[illegible]	700
2/4	Selfridge	130
"	Johnson	110
"	Mittendorf	100
		220

Lamb
Nelson

FEB 4 1957

Mr. P. D. Sneed, President
Lone Star Uranium Corporation
504 First National Bank Building
Temple, Texas

Re: Docket No. DMEA-4211 (Uranium)
Wild Horse Mine
Burnet County, Texas

Dear Mr. Sneed:

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. Such denial, however, is made without prejudice to the property. In the event further work on your part discloses new and more favorable evidence of ore deposition on the property, we shall be pleased to consider a new application.

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 2-1-57
cc to: Code 700
Mr. Murphy
Admr.'s Reading File
Operating Committee
DMEA FT Reg. 4 (2)
Messrs. THKiilsgaard, 5224
JKratchman, AEC

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
1/29	Selfridge	120
1/30	Selfridge	130
"	Jackson	110
"	Rothenberg	100
1/31	C	220
		~~225~~ 700

JAN 30 1957

Mr. Clinton G. Imes
Executive Officer
DMEA Field Team, Region IV
Box 431
Joplin, Missouri

For Docket R. [illegible]-1211 (Uranium)
Lone Star Uranium Corporation
Hill Farm Mine
Karnes County, Texas
and
Docket R. [illegible]-1269 (Uranium)
Big Land Exploration Company, Inc.
Of Ranch Uranium Prospects
Brewster County, Texas

Dear Mr. Imes:

We have received the two extra copies of the Field Team Examination Reports for each of the subject dockets which you intended might go to the proper AEC offices.

In a letter dated August 6, 1956, from the Operating Committee, you were authorized to furnish copies of uranium reports made in your Region to the Denver Office of AEC. We also requested that you furnish us with a list of those reports for which you lacked an extra copy. We have no record of receiving such a list.

In the future will you please send one copy of all your uranium regional examination reports to Mr. Ernest L. Thurlow, Manager, Denver Area Office AEC, P. O. Box 7267, Lakewood Branch, Denver 2, Colorado.

Our letter of August 6, 1956, made no mention of your uranium final reports. One copy of such reports should also be sent to Mr. Thurlow.

Enclosed are two copies of our letter of today forwarding one copy each of the subject reports to Mr. Thurlow.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Approved:

Frank D. Lamb
Member, Board of Directors

N. E. Nelson
Member, Board of Directors

Enclosures

GCSelfridge/ear - 1/30/57
cc to: Dockets (2)
Adm. R. File
Operating Committee
Mr. Lamb, DMEA
Mr. Hillegard, DMEA
Mr. Files (2)
Mr. Selfridge

R.C.L.

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
1/29	Selfridge	120
1/30		130
"	Jones	110
"	Mittendorf	100
1-31	C	220
		~~225~~ 700

Lamb

Mr. Ernest E. Thurlow, Manager
Denver Area Office AEC
P. O. Box 7647
Lakewood Branch
Denver 2, Colorado

JAN 30 1957

Re: Docket No. DMEA-4211 (Uranium)
Lone Star Uranium Corporation
Wild Horse Mine
Burnet County, Texas
and
Docket No. DMEA-4269 (Uranium)
Big Bend Exploration Company, Inc.
O2 Ranch Uranium Prospects
Brewster County, Texas

Dear Mr. Thurlow:

Enclosed are single copies of the subject examination reports which were sent here from our Region IV instead of directly to you. In the future all such examination reports and final reports on uranium properties in Region IV will be sent directly to you by Mr. Clinton C. Knox, Executive Officer, DMEA Field Team, Region IV, P. O. Box 431, Joplin, Missouri.

It is our understanding that the DMEA reports are kept in closed files by the AEC.

Sincerely yours,

C. O. Mittendorf (for)

Administrator

Enclosures

GCSelfridge/esf - 1/30/57
cc to: Dockets (2)
Admr. R. File
Operating Committee
FDLamb, USBM
THKiilsgaard, USGS
Mr. Ellis (2)
Mr. Selfridge

RCL
8623

IN REPLY REFER TO:

OFFICIAL FILE COPY
DMEA
RECEIVED FEB 1 1957

DATE	INITIALS	CODE
2-1	C	220
2-1	Murphy	700
Memorandum		

comments complete

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

January 30, 1957

Re: DMEA 4211
Lone Star Uranium Corporation
Wild Horse Mine
Burnet Co., Texas
$33,750.00 - Uranium

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 a property reputed to contain radioactive minerals. No work program was outlined but large expenditures ($271,210.29) were to be made on drilling, scintillation surveys and miscellaneous projects.

The Field Team found little evidence of radioactive material in quantities and of a grade warranting the requested assistance. The uranium minerals are contained in pegmatite dikes in Precambrian Packsaddle schist and granite gneiss.

The Field Team recommends that the application be denied. In view of the general similarity of the mineralization to that in the Bancroft district in Ontario, Candada, where uranium production is being obtained from pegmatite dikes in Precambrian gneiss, I recommend that the application be denied without prejudice. A general sampling by short diamond drill holes, might, as it did in Ontario, point up a deposit of worth.

N. E. Nelson

N. E. Nelson

OFFICIAL FILE COPY
DMEA
RECEIVED JAN 31 1957

DATE	INITIALS	CODE
1-31	C	220
1-31	Murd	700

January 30, 1957

4211

Uranium
Lone Star Uranium Corp.
Wild Horse Mine
Burnet Co., Texas
$33,750

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

Field Team Report

1/15/57 1/29/57

x

x

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D. C.~~
Box 431
Joplin, Missouri

OFFICIAL FILE COPY
DMEA
RECEIVED JAN 28 1957

DATE	INITIALS	CODE
1-28	C	220
		130
1-31	C	220
~~1-31~~	~~Mcgh~~	~~700~~

January 24, 1957

Memorandum

To: DMEA Operating Committee
Department of the Interior
Washington 25, D. C.

From: DMEA Field Team, Region IV

Subject: Joint Field Team examination report, DMEA-4211 (uranium)
Lone Star Uranium Corporation, Wild Horse mine,
Burnet County, Texas

Transmitted herewith are the original and three copies of the subject report for you, and two extra copies which you might want to furnish through channels to the proper A.E.C. Offices.

The Field Team concurred on the denial recommendations.

Clinton C. Knox
Clinton C. Knox
Executive Officer

cc: DMEA Op.Com.(3)
King,USGS,Denver,w/2 copies of report
4269 file w/copies of report

Reviewed by
DMEA OPERATING COMMITTEE
1-30-57
(date)

ON-SITE EXAM. REPORT

OFFICIAL FILE COPY
D M E A
RECEIVED JAN 28 1957

DATE	INITIALS	CODE
		130
		220

FIELD TEAM EXAMINATION REPORT

on

Wild Horse Mine
Burnet County, Texas

by

Robert U. King, Geologist, U. S. Geological Survey
and
Clinton C. Knox, Mining Engineer, U. S. Bureau of Mines

Application Docket DMEA-4211 (uranium)
Lone Star Uranium Corporation

504 First National Bank Building

Temple, Texas

January 15, 1957

INTRODUCTION, SUMMARY AND RECOMMENDATION

The D.M.E.A. application from the Lone Star Uranium Corporation of Temple, Texas, for assistance to explore for uranium by scintillometer surveying, core drilling and shaft sinking at its Wild Horse mine, Burnet County, Texas, was received March 6, 1956, followed six days later by a "Prospectus" and a letter report by Mr. Carl Chelf, Geologist. Both the Field Team and Washington Offices made repeated suggestions to the Applicant for furnishing other essential information not in the application. The original project cost estimates in the application proposal, amounting to $271,445, were reduced in revisions received March 28, and October 8, 1956, finally to $33,750, but no realistic exploration plan was ever presented to justify any such a cost estimate.

Following the reviews of the application material in Washington, letters of April 2, and July 16 to the Field Team requested additional information. Believing the Applicant had assembled a significant part of the needed information, the Field Team examined the Wild Horse prospects on September 17-18, 1956, while in Texas on other such DMEA work. King (USGS, Denver) and Knox (USBM, Joplin), the Field Team examiners, also discussed the prospects and the project proposal at length with the Applicant's representatives, Messrs. James R. Ledger, Vice-President, Howard J. Bellamy, Stockholder, and V. C. Doctorman, Mining Engineer, who accompanied the Field Team during the examination.

Concluding the examination, the Field Team discussed the Applicant's Wild Horse prospects on the afternoon of September 18 with

Reviewed by
DMEA OPERATING COMMITTEE
1-30-57
(220)

Stephen R. Steinhauser, Chief, in the Austin Offices of A.E.C. He indicated accord with the conclusions reached by the Field Team.

The small irregular syngenetic deposits of pitchblende mineralization probably accompanied with rare-earth minerals occur in granite pegmatite and gneiss of Precambrian age.

The Field Team concluded that no worthwhile exploration target was evidenced, and that significant uranium deposits are not likely to be found at the Wild Horse prospects.

Therefore, denial of the application is recommended.

Location and Physical Features

Low rounded hills and broad shallow valleys characterize the topography of the area of the Applicant's Wild Horse (Rainbow) mining properties. The surface elevations of the properties average about 1,000 feet above sea level. The rocky terrain is tree covered. There are no permanent streams in the immediate locality of the properties.

Land records and plats examined by the Field Team in the Burnet County Court House show the extent of the property crossing Texas State Highway 29 (Fig. 1) from 6 to 7 miles west of the town of Burnet. The Applicant's plot of its property lines on the geologic map submitted with the application revision of October 4, 1956, does not seem to be in a corresponding location.

Property

The applicant indicates that its two leases on contiguous tracts of land totaling 1,344 acres comprise the following recorded tract surveys:

Name	Survey Number
D. H. Simpson	1453
E. F. Thomas	107
Eli Martin	1332
Thomas	1586
A. Large	32
Simpson	1256
T. C. Ry Co.	105
J. J. Boyce	106

The outline of the acreages is shown on figure 1.

A portable compressor, jackhammer, drilling accessories, hand tools, and a small tool house remained near the open trench of the so-called Wild Horse mine but obviously no work had been done there in 1956.

A small office remained facing on the highway with sign boards indicating that it had been used for selling shares of the corporation stock for this uranium prospecting venture.

THE APPLICANT

Judging from the Applicant's prospecting work evidenced on the properties and discussions at length with the Applicant's representatives during the Field Team examination, the examining engineer drew the conclusion that neither the Applicant or its personnel would be competent to carry out the application proposal and provide proper technical supervision of an exploration project.

GEOLOGY

The Llano-Burnet region, in the eastern part of which the Lone Star Uranium Corporation's property is situated, is an island of Precambrian igneous and metamorphic rocks surrounded by an irregular zone of lower Paleozoic sedimentary rocks.

Rare-earth and radioactive mineral deposits that occur in the Precambrian rocks have been prospected in this locality since as early as 1887. One of the earliest discoveries, the Baringer Hill deposits, have yielded considerable quantities of the rare-earth minerals, but only specimen material of pitchblende or uraninite (Hess, 1908 1/).

The Precambrian rocks consist of granites, gneisses, and schists. The granites range in texture from fine to coarse and range widely in composition, the predominant type being a coarse red granite with associated pegmatite.

Acidic gneisses, quartzite, and mica schists of the Valley Springs gneiss formation underly the major part of the Applicant's property.

Along the western part of the property and elsewhere in the area, elongate bodies of amphibolite, graphite, and mica schists and limestone of the Packsaddle schist formation occur as remnants in the Valley Springs gneiss (fig. 1). According to Banks (1923) 2/, the Packsaddle schist is the host rock of the uranium deposits at the Wild Horse mine.

1/ Hess, F. L., Minerals of the rare-earth metals at Baringer Hill, Llano County, Texas: U. S. Geol. Survey Bull. 340, p. 286-294.

2/ Banks, 1923, Mineralization of the Sheridan Copper property: Masters Thesis, Texas University Library, Austin (Unpublished).

The foliation of the schist remnant in the vicinity of the Wild Horse mine dips east at about 75°, and a short distance east of the property the foliation is vertical.

At the Wild Horse mine several small irregular pods and a vein-like deposit containing pitchblende or uraninite probably mixed with rare-earth minerals, are exposed in four pits, the largest of which, the main pit, is 40 feet long, 10 feet wide, and 10 feet deep (fig. 2).

The main pit is excavated in unweathered red-brown massive quartz-orthoclase-biotite gneiss.

Uraniferous material occurs as blebs six inches to one foot in diameter in quartz-rich lenses on the north wall of the pit. A vertical one-half-inch branching veinlet or mineralized fracture striking about N. 30° W. is exposed for 15 feet along the center of the floor of the pit. One branch of the veinlet appears to lead into the east wall; the other branch pinches to a hairline thickness before reaching either end of the pit. A joint plane on the south end of the pit is highly limonite coated and is moderately radioactive over an area of about 10 square feet.

A smaller pit 50 feet northeast of the main pit contains black radioactive minerals in reddish orthoclase-biotite pegmatite masses, and radioactive veinlets in gneiss and pegmatite.

Two other shallow pits 150 and 350 feet south of the main pit contain disseminated radioactive material in weathered granite gneiss.

Reportedly a small amount of the uranium-bearing material was selected during excavation of the main pit and shipped by the Applicant late in 1955 to A.S.R.Co. Agent for A.E.C., Globe, Arizona, publicized as the first commercial uranium ore shipment from Texas. During the detailed questioning of the Applicant's representatives by the examining engineer, however, they made no direct statement regarding the returns from that shipment, nor did they reveal any settlement sheet. Regardless of whether the alledged shipment averaged 0.18 percent U_3O_8, as inferred from some of the supplemental application information, the Field Team considered it of little actual significance. A small tonnage of material stockpiled near the main pit evidenced varying degrees of radioactivity but obviously was not of ore grade.

Within the prospected area, 1,000 feet by 250 feet, several radioactivity anomalies from two to five times background radioactivity can be observed. An "Isorad" map based on radioactivity traverses and submitted by the Applicant on October 4 purports to correlate these radioactivity anomalies and indicates a series of elongate radioactive zones as much as 200 feet in length which the Applicant concludes are the surface expression of significant pitchblende-bearing veins. There is little justification for this interpretation by the Applicant in

view of the geologic relationships observed. The "Isorad map" of the Wild Horse mine submitted by the applicant is so erroneously contoured that it serves only to show scattered and unrelated radioactivity anomalies.

One-quarter mile south of the Wild Horse mine is an abandoned shaft of a copper prospect. The flooded shaft is used by local ranchers as a meager water supply for cattle. Traces of secondary copper minerals in schist are visible on the dump.

About 1,000 feet north of the Wild Horse mine is evidence of a shaft reported to have been sunk 80 feet to prospect a fluorspar deposit. This shaft has been filled in to the collar.

The Southwestern Graphite Company's mine is about one mile northwest of the applicant's property. The mine is currently exploiting a graphite deposit in the Packsaddle schist formation.

Conclusions

The pitchblende deposits at the Wild Horse mine appear to be syngenetic with pegmatite dikes in the Precambrian country rock, and as such do not offer much promise of yielding significant quantities of uranium.

Rare-earth minerals, fluorspar, graphite, and copper deposits occupy a rude east-northeastward-trending belt in the region, and the pitchblende occurrence at the Wild Horse mine appears to belong to this group. Of this group, only the Baringer Hill pegmatite has yielded significant production in the past, and one other - the graphite deposit - is continuing a substantial rate of production from large open-pit mining and beneficiation operations.

The absence of wall rock alteration and the discontinuity of the mineralized structures leads the examiners to conclude that the probability of making a significant discovery of uranium at the Wild Horse mine is poor.

RECEIVED
MINERALS TECHNOLOGY
DIVISION
JAN 15 1957
BUREAU OF MINES
JOPLIN, MO.

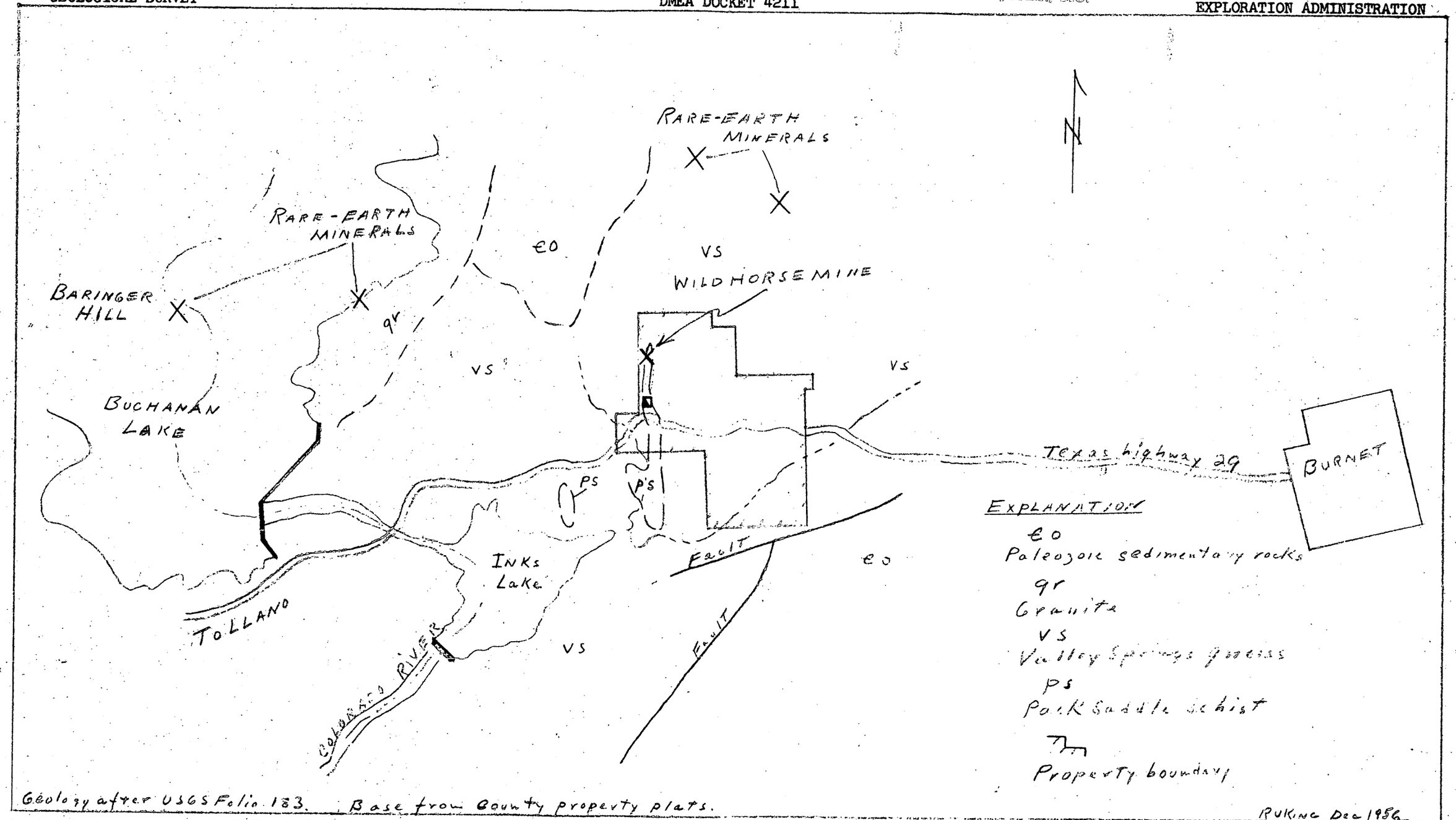

FIGURE 1 - INDEX MAP SHOWING LOCATION AND GEOLOGY OF WILD HORSE MINE, LONE STAR URANIUM COMPANY, BURNET COUNTY, TEXAS

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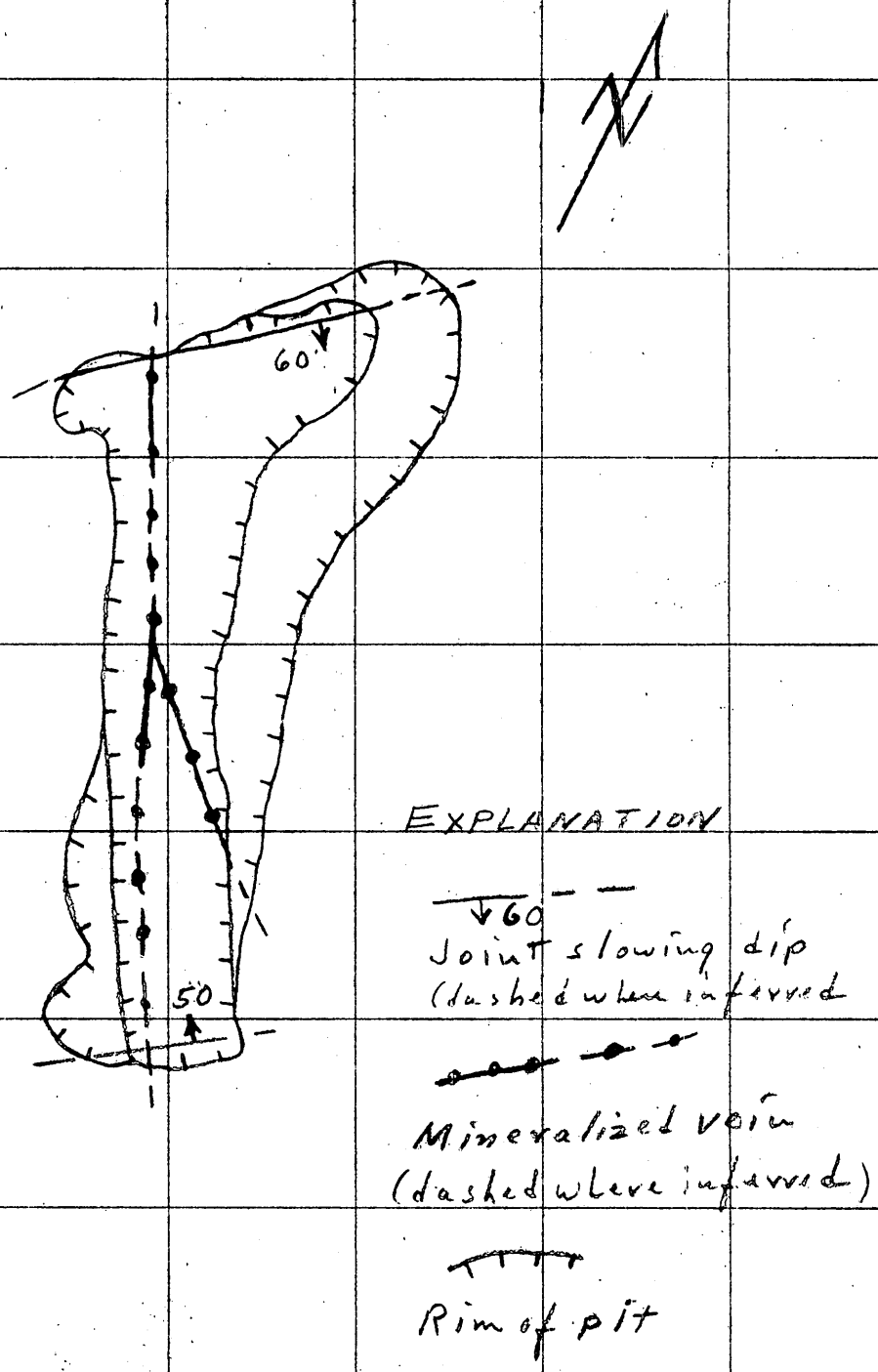

Figure 2- GEOLOGIC SKETCH MAP OF MAIN PIT, WILD HORSE MINE, LONE STAR URANIUM CO. BURNET COUNTY, TEXAS

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JAN 28 1957
D.M.E.A.

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MINERALS TECHNOLOGY
DIVISION

JAN 15 1957

BUREAU OF MINES
JOPLIN, MO.

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Defense Minerals Exploration Administration
Denver Federal Center
Denver, Colorado

JAN 15 1957
BUREAU OF MINES
JOPLIN, MO.

January 14, 1957

Memorandum

To: C. C. Knox, Executive Officer
Region IV DMEA Field Team

From: Robert U. King

Subject: DMEA Docket 4211 (Uranium), Lone Star Uranium Corporation, (Wild Horse mine), Burnet County, Texas

Attached is the draft report with two illustrations for DMEA 4211, Wild Horse mine, Burnet County, Texas.

The sections on Property, Location, and History are included because I had that information in my field notes, and they are for your use if they are pertinent.

I have included the sepia of figures 1 and 2 in case the maps are not adequate or if you need more than 12 prints of each that I included.

The preparation of the short paragraphs in addition to the geology section serve to help me round out the geology - they are not intended to substitute for sections you wish to prepare.

I believe an acknowledgment should be made to the effect that the AEC had been contacted and that they concur with our conclusions; this acknowledgment should have been included in the report on the 02 Ranch (4312) as well.

The schedule for DMEA 4476 and 4511 remains the same - January 20.

Robert U. King

RECEIVED
JAN 17 1957
D.M.E.A.

Enclosures

RUKing:arh

OFFICIAL FILE COPY
DMEA
RECEIVED JAN 9 1957

DATE	INITIALS	CODE
1-9-57	[illegible]	400

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

Box 431
Joplin, Missouri

Airmail

January 7, 1957

Memorandum

To: Robert King, Survey Member, DMEA Field Team, Region IV, U. S. Geological Survey-DMEA, Bldg. 25, Federal Center, Denver 10, Colo.

From: C. C. Knox, Joplin

Subject: Field Team examination report, DMEA-4211 (uranium) Lone Star Uranium Corp., Temple, Texas

For your information, copies of recent Washington correspondence are enclosed reiterating the urgency for submittal of the report on our September 18 examination of the Wild Horse prospect in Burnet County, Texas, previously implied in a DMEA telegram to me November 20. The Washington Office understandably is in an uncomfortable position.

Therefore, without waiting further for anything in writing on the unfavorable opinion A.E.C. men had of this property, if you can furnish a summary of the geology, I will endeavor to prepare a joint Field Team examination report reasonably supplementing your August 16 and my August 7 memos as soon as possible with the recommendations for denial which we tentatively agreed upon.

Also Mr. Roger Butler telephoned me December 26 from Robstown, Texas urging in a much more reasonable way that Trans-Pecos Minerals (DMEA-4476) be advised as soon as possible if, when, and how it should plan the proposed DMEA Hazel copper exploration project; likewise the geologist of Dow Chemical Co. called from its Lake Jackson, Texas Office January 3 in a very reasonable effort to expedite DMEA decision by February 1 on the proposed Maravillas mercury exploration (DMEA-4511). I mention these merely for your information, knowing that you are making the utmost effort in processing your part on all the Region IV applications; in fact, I am lagging far behind you with the reports on DMEA-4312, Briscoe County Uranium, and DMEA-4447, Southern Geophysical Co., on which you submitted the geologic sections, yet incomplete on my part.

Mrs. Dymott, Secretary employed by the Survey here on DMEA work until two years ago, finally has a W.A.E. appointment by the Bureau to return to this work tomorrow which I expect will relieve me of much red-tape work and permit some time for preparing the tardy

Field Team reports.

I finally overcame the cold I was nursing while you worked here before Christmas, and was able to go on a sort of "postman's holiday" to Albuquerque and Grants from December 29 through January 3. The drilling projects of Phillips, Kerr-McGee, and Anaconda in the Grants region were particularly impressive to me, and I met many of their employees at the big New Year party of the Scott Drilling Co. attended with my brother.

Now with the holidays over, I hope to more effectively tackle this DMEA Field Team log-jam.

I hope you and your family had an enjoyable trip over the holidays, and have a happy New Year.

CCK/enn

Clinton Knox

cc: DMEA Op.Com.(2)
4211 file

DMEA Form 7
(12-56)

700

OFFICIAL FILE COPY

Date	Surname	Code
1/2/57	Murphy	700
"	Effio	700
1/4/57	Selfridge	130
		110
1/4	Mitchell	100
1/4	Cw	225

700

3 JAN 1957

Mr. Clinton C. Knox
Executive Officer
DMEA Field Team, Region IV
Room 303, Post Office Building
P. O. Box 431
Joplin, Missouri

Re: Docket No. DMEA-4211 (Uranium)
Lone Star Uranium Corporation
Wild Horse Mine
Burnet County, Texas

Dear Mr. Knox:

Enclosed are two copies of a letter, dated December 28, 1956, from Senator Johnson, concerning our action on the captioned application.

Will you kindly submit the field examiners' report and your recommendation relating to this application as soon as possible. We receive an average of two telephone calls each week from various Senators and Congressmen regarding the status of this application and find it difficult to explain the long delay between the time of examination and our final decision.

Sincerely yours,

George C. Selfridge (ESY)

Chairman, Operating Committee

Enclosures

APPROVED:

Frank D. Lamb (ESY)

Member, Bureau of Mines

N. E. Nelson (ESY)

Member, Geological Survey

FMMurphy/gla
1-2-57
cc to: Admr.'s Reading File
Operating Committee
Messrs. JECrawford, 3643
THKiilsgaard, 5224
JOHosted, 3210, GSA
Code 700
Mr. Murphy

8623

DMEA Form 7
(12-56)

700

OFFICIAL FILE COPY

Date	Surname	Code
1/2/57	Murphy	700
"	[illegible]	700
1/4/57	Selfridge	100
1/4	Mittendorf	100
		225

Lamb
Nelson

JAN 1957

Hon. Lyndon B. Johnson
United States Senate
Senate Office Building
Washington 25, D. C.

Re: Docket No. DMEA-4211 (Uranium)
Lone Star Uranium Corporation
Wild Horse Mine
Burnet County, Texas

My dear Senator Johnson:

This is to acknowledge your letter of December 28, concerning the status of the above-docketed application.

We have been advised by our Field Team that its report of examination of the Wild Horse mine will be forwarded shortly. Final action on the application will be made promptly upon receipt of this report.

Sincerely yours,

C. O. Mittendorf (for)

Administrator

FMMurphy/gla
1-2-57
cc to: Admr.'s Reading File
Code 700
Mr. Murphy
DMEA Field Team, Region IV (2)

RGS.

8623

LYNDON B. JOHNSON
TEXAS

DEC 3 1 1956 gla

United States Senate
Office of the Democratic Leader
Washington, D. C.

December 28, 1956

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

Dear Mr. Mittendorf:

Please refer to your letter of November 2nd regarding your Docket No. DMEA-4211 (Uranium) Lone Star Uranium Corporation, Wild Horse Mine, Burnet County, Texas.

Mr. V. C. Doctorman at Belton is very much interested in this application and is somewhat disturbed about the long delay in getting final action.

Please let us know the present status of the matter and what the prospects may be for final action on the application.

Sincerely,

Arthur C. Perry
Administrative Assistant to
Lyndon B. Johnson

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

When FT. Report 12/6/56
comes in call
Mr. O'Brien = Sen. Hickenlooper
office code 190 - Ext 193 or 1298
Per telephone request to Mr. Ellis:
also other Reps + Sen. see docket
from

Murph.: or Mrs. Nester
Call Mr. Waldron of Congressman
Homer Thornberry's office - Code 190 Ext. 1091
Re: Lone Star Uranium Corp. (4211), Wild Horse Project
status. Said Clinton Hunt wrote them
he was sending in a report.

Called 3 PM. - 12/5/56 Mike
advised we were waiting
for report of examination of property
Murphy

11/19/56

Sen. Daniels

Goldsum

Ext. 889 Code 190

Call when we hear from Knox re field exam made Sept 18-19

Called 11/20

Goldsum asked to be informed of final DMEA decision. Told him we would do so after the applicant had been advised. Explained reason for this procedure. Murphy

When Field Team Report comes in, call and notify Mr. O'Brien of Sen. Hickenlooper's office. Code 190 Ext. 193 or 1298, per Mr. O'brien's telephone request of 12-6-56 to Mr. Ellis.

Irene

Telefax

WESTERN UNION

11-20-56 Telefax

SA101

3 JPA069 GOVT PD=JOPLIN MO 20 1107AMC= 1956 NOV 20 PM 12 19

GEORGE C SELFRIDGE, CHAIRMAN DMEA OPERATING COMMITTEE=
DEFENSE MINERAL EXPLORATION ADMINISTRATION
DEPT OF THE INTERIOR ROOM 4459 WASHDC=

RETEL DOCKET DMEA-4211 PROBABLY WILL SUBMIT REPORT RECOMMENDING DENIAL WHEN GEOLOGIC SECTION IS RECEIVED FROM DENVER AFTER KNOX RETURNS FROM ANNUAL LEAVE NEXT WEEK=

MRS ELLA M NEILL FOR CLINTON KNOX EXECUTIVE OFFICER
DMEA FIELD TEAM REGION IV= 1956 NOV 20 PM 12 23

RECEIVED NOV 20 1956 D.M.E.A.

RECEIVED D.M.E.A.

1270 (151)

Surname copy
Department of the Interior

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

DMEA
DX4401(01) Revolving Fund,
Defense Production Act, Interior (Allocated
Fund to the Office of the Coo .)

Murphy
Selfridge
Johnson
Wisenburg

T E L E T Y P E

NOV 20 1956

CLINTON C. KNOX, EXECUTIVE OFFICER
DMEA FIELD TEAM, REGION IV
P. O. BOX 431
JOPLIN, MISSOURI

RE DOCKET DMEA-4211, LONE STAR URANIUM CORPORATION, PLEASE

ADVISE WHEN YOU MAY EXPECT TO RECEIVE FIELD TEAM REPORT.

George C. Selfridge
CHAIRMAN, OPERATING COMMITTEE (GCS)

FMMurphy/gla
11-19-56
cc to: Admr.'s Reading File
Operating Committee
Docket
Messrs. JECrawford, 3643
THKiilsgaard, 5224
JOHosted, 3210, GSA
Code 700, Mr. Murphy
Confirmation to Region IV Field Team

RCS.

Surname copy

700

Murphy
Ellis
Fleman

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

NOV - 2 1956

Mr. Frank Norton, Chairman
Texas Committee on Atomic Energy
512 Mercantile Securities Building
Dallas, Texas

Re: Docket No. DMEA-4211 (Uranium)
Lone Star Uranium Corporation
Wild Horse Mine
Burnet County, Texas

Dear Mr. Norton:

Copies of your letter, dated October 16, to Mr. Clinton C. Knox, and a copy of his letter in response of October 23, 1956, have been forwarded to Washington by the Region IV Field Team.

Mr. Knox is correct in stating that this Agency does not reveal any information on an applicant's property, nor our actions or decisions on applications to a third party. However, if an exploration contract is executed, the Department of the Interior Information Service releases a press notice of such action for public information.

Geologic data, maps, recommendations, etc., compiled by this organization in the course of processing applications are for the Federal Government's use only. However, when exploration contracts are approved, the applicants do the work and, therefore, have all the information on results. The applicants are free to give this information to a third party if they so desire.

We believe that the above-described procedure in processing applications protects the Government's and applicants' interests. Therefore, I regret to inform you that we cannot give you the information you request relating to our opinion regarding the possible commercial potential of the Wild Horse Mine.

Sincerely yours,

D. O. Mittendorf

Administrator

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

700

FILE COPY
Surname:

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

NOV - 2 1956

Hon. Lyndon B. Johnson
United States Senate
Senate Office Building
Washington 25, D. C.

Re: Docket No. DMEA-4211 (Uranium)
Lone Star Uranium Corporation
Wild Horse Mine
Burnet County, Texas

My dear Senator Johnson:

This is to acknowledge your letter of October 29, and the accompanying letter dated October 23, 1956, by the Burnet Chamber of Commerce, relating to the above-referenced application.

As mentioned in Mr. Murphy's telephone call to your office on October 22, the Wild Horse Mine has been visited by our field examiners. Their report of examination and recommendation, relating to the subject application, has not been received by the Washington office to date.

We will be pleased to keep your office informed when any new action is taken in the processing of the subject application.

Your copy of the letter from the Burnet Chamber of Commerce is returned herewith.

Sincerely yours,

C. O. Mittendorf (for)

Administrator

Enclosure
FMMurphy/iam 11-1-56
cc to: Docket
Code 700
Mr. Murphy
Admr.'s Reading File
DMEA Field Team, Reg. IV (2)
Messrs. JECrawford, Rm. 3643
THKiilsgaard, Rm. 5224
JOHosted, Rm. 3210, GSA

R.G.S.

DON B. JOHNSON
TEXAS

700

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

United States Senate
Office of the Democratic Leader
Washington, D. C.

October 29, 1956

Dear Sir:

I am enclosing a communication which I have received from one of my constituents. I will appreciate your giving serious consideration to this problem, based on its merits.

Please let me have as prompt a reply as possible, returning the enclosure, in order that I can inform the writer.

Sincerely,

Lyndon B. Johnson

Lyndon B. Johnson

P. S. Please address reply to Lyndon B. Johnson, U. S. Senate, Washington, D. C. If additional information is required, please telephone Arthur C. Perry, NA 8-3120, extension 186.

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

BURNET CHAMBER OF COMMERCE, INC.

BURNET, TEXAS

October 23, 1956

Honorable Lyndon B. Johnson
United States Senate
Washington, D. C.

Re: Defense Minerals Exploration Authority
Lone Star Uranium Corporation Application
Docket #4211
Department of Interior
Washington, D. C.

Dear Sir:

We are highly in favor of the loan amounting to $32,800.00 for exploration purposes to the Lone Star Uranium Corporation for the purpose of exploration in the area of Burnet, Burnet County, Texas. We would greatly appreciate any assistance or consideration that your office can give us in this matter.

If there is any assistance we can give in the processing and consumation of this loan, please advise and we will render any service possible.

Yours very truly,

BURNET CHAMBER OF COMMERCE

/s/ J. C. Strahan

J. C. Strahan, President

JCS/rh

cc: D. C. Doctorman, Secretary
Lone Star Uranium Corporation
Box 665
Burnet, Texas

c
o
p
y

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
Box 431
Joplin, Missouri

RECEIVED
OCT 25 1956

October 23, 1956

Mr. Frank Norton, Chairman
Texas Committee on Atomic Energy
512 Mercantile Securities Building
Dallas, Texas

Re: Application Docket DMEA-4211 (uranium)
Wild Horse mine
Burnet County, Texas
Lone Star Uranium Corporation
504 First National Bank Bldg.
Temple, Texas

Dear Mr. Norton:

This will acknowledge receiving your letter of October 16 regarding the cited application for Government exploration assistance.

In the examinations of applicant's properties in Texas and elsewhere throughout the other states of this central region, this Field Team, comprised of myself of the U. S. Bureau of Mines and a geologist of the Denver Office of the U. S. Geological Survey, performs that duty on a consulting basis for the Washington Office of the Defense Minerals Exploration Administration. Therefore, it would not be proper for me to reveal any of the data, opinions or recommendations furnished in our reports to that Washington Office.

Ordinarily D.M.E.A. does not reveal any information on an applicant's property to any third party, but because you evidently represent a State Agency, I am furnishing that Washington Office with copies of your letter and this on the chance that DMEA may want to furnish the information you requested.

I regret that this position must be taken by the Field Team Members.

Sincerely yours,

CCK/enn

Clinton C. Knox
Executive Officer
DMEA Field Team, Region IV

cc: DMEA (2) w/2 copies encl. corres.
King, USGS, Denver w/2 copies encl. corres.
4211 file

COPY

RECEIVED
OCT 25 1956

COPY

TEXAS COMMITTEE ON ATOMIC ENERGY
Appointed by the Governor

Frank Norton
Chairman

512 Mercantile Securities Bldg.
Dallas, Texas

October 16, 1956

Mr. Clinton C. Knox, Regional Director
Defense Mineral Exploration Administration
Box 431
Joplin, Missouri

Dear Mr. Knox:

It has come to our attention that the Lone Star Uranium Corporation, Box 1, Belton, Texas has made application to the Defense Mineral Exploration Administration under Docket No. 4211 through V. C. Doctorman for a loan in regard to certain exploration of uranium minerals in Texas.

We are most interested to find out the status of this application and your view generally on the commerciability of this claim.

You realize of course that our committee is always interested in any attempt to find nuclear source material in this state and anything we can do to be of assistance in this regard we will be glad to do.

We would appreciate your reply.

Very truly yours,

Frank Norton

FN:jlf

cc - Lone Star Uranium Corporation
Box 1
Belton, Texas

10/22/56 gla

RECEIVED
OCT 22 1956

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
Box 431
Joplin, Missouri

Airmail

October 18, 1956

Hon. Homer Thornberry
House of Representatives
Washington 25, D. C.

Re: Docket DMEA-2311 (uranium)
Wild Horse prospect
Burnet County, Texas
Lone Star Uranium Corporation
504 First National Bank Building
Temple, Texas

Dear Congressman Thornberry:

This is in reply to your letter of October 12 on behalf of the cited applicant.

Authorization by the Washington Office of the Defense Minerals Exploration Administration for the Field Team to make an engineering and geologic examination of this applicant's property was held in abeyance pending receipt of additional essential data and realistic cost estimates requested to adequately support the applicant's exploration proposal.

Upon the understanding, however, that all such necessary information had been compiled, Robert King of the U. S. Geological Survey, Denver Office, and myself of the U. S. Bureau of Mines made that Field Team examination last month, September 17 and 18, in the company of Mr. Doctorman and associates on our return trip from southwest Texas where we had examined four other applicant's properties. Then we also discussed the potentialities of the Wild Horse prospect with the previous examiner of the Austin Office, Exploration Branch, U. S. Atomic Energy Commission, Austin, Texas.

The additional information which Mr. Doctorman mentioned to you was received here and copies forwarded to DMEA in Washington and to Robert King in Denver on October 8. Therefore, Mr. King and I now are preparing our respective geologic and engineering reports and recommendations thereon to submit for the consideration of the Washington Office of the Defense Minerals Exploration Administration.

Copies of your letter and this are being sent to that office and I am certain that the men there of D.M.E.A. would be pleased to inform you as to whatever final disposition is made of this application.

Note to File - 4211

F.M. Murphy called Sr. Johnson's office on Oct. 22, advised that our Field Team had made examination of property and was preparing report and recommendation.

I regret this delay in responding to your letter which arrived while I have been in eastern Missouri on other DMEA Field Team examinations.

I would be pleased to furnish you with any such further information that I can at any time. With my earnest assurance that this case is being expedited to the best of our ability, I am,

Sincerely yours,

CCK/enn

Clinton C. Knox
Executive Officer
DMEA Field Team, Region IV

cc: DMEA Op. Com. (2)
King, USGS, Denver (2)
Geehan, USBM, Rolla (2)
4311 file

COPY

CONGRESS OF THE UNITED STATES
HOUSE OF REPRESENTATIVES
WASHINGTON, D. C.

COPY

RECEIVED
OCT 22 1956

October 12, 1956

Mr. Clinton C. Knox
Regional Director, Dist. 4
Defense Minerals Exploration Agency
Box 431
Joplin, Missouri

In re: Docket No. 4211
Lone Star Uranium Corporation
c/o Mr. V. C. Doctorman
Box 1
Belton, Texas

Dear Mr. Knox:

Mr. V. C. Doctorman, of the Lone Star Uranium Corporation, has discussed with me his application before your agency for a loan for the development of uranium deposits in Burnet County, 6½ miles west of Burnet, Texas.

It is my understanding that representatives from your office have surveyed the location and that Mr. Doctorman has recently furnished you additional information which you requested.

Would you be good enough to furnish me with a full report on the status of this application.

Sincerely yours,

/s/ Homer Thornberry

10/9/56

Mr. M:

Mr. Perry, Senator Johnson's office, wants to be called re DMEA-4211, Lone Star Uranium Corp.

Has letter from Senator's Texas office saying "a group came down from the Administration, including Knox and Bob King of Denver. Changes were made and application refiled with Knox.

However, DMEA does not approve it without concurrence with AEC. Thus far AEC has been unwilling to approve it.

Senator's office requested to check with both agencies and make report.

T.190, X906

Johnson's - Ext 186

monthly
P.S. See F.T./report received today.

Advise Sen. Johnson's office when action taken.

COM

No word from F.T. re new application to date, 10/10/56.
Murphy

9/10/56 gla

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
Box 431
Joplin, Missouri

RECEIVED
SEP 10 1956

Airmail

September 6, 1956

The Lone Star Uranium Corporation
504 First National Bank Building
Temple, Texas

Re: DMEA-4211 (uranium)
Wild Horse mine
Burnet County, Texas

Dear Sirs:

With reference to your August 2 letter to Mr. Ellis of DMEA, Washington, I have been expecting to receive the additional data and maps he had suggested would be essential for a proper appraisal of your application.

A schedule has just been arranged for Robert U. King of the U. S. Geological Survey, Denver, and I to make the Field Team examinations on several Applicant's properties in the Panhandle and Big Bend regions of Texas during the week of September 10. I believe it would be most expedient for you, and opportune for Mr. King and I while in Texas, if the Field Team examination of your Wild Horse uranium prospect also were justifiable before the close of our trip, preferably by September 17.

Therefore, please let me know at the earliest possible date if the above-mentioned additional data and maps will be furnished. I can be contacted here (Joplin phone MA 3-8470) until 10 A.M. September 10, or at the Holland Hotel, Alpine, Texas, about the night of September 12.

Sincerely yours,

CCK/enn

Clinton C. Knox
Executive Officer
DMEA Field Team, Region IV

cc: Mr. V. C. Doctorman, Box 1,
Belton, Texas (Airmail)
DMEA Op.Con.(2)
King, USGS, Denver (Airmail)
4211 file

8/31/56

RECEIVED
AUG 31 1956

Belton, Texas
Aug. 28, 1956

Mr. Ernest Wm. Ellis, Chief
Rare & Misce'l. Metals Division
D. M. E. A.
Department of the Interior
Washington 25, D. C.

Re: Docket #DMEA-4211
Wild Horse Mine
Burnet County, Texas

Dear Mr. Ellis:

This is to advise that we are at work on getting additional data together that will allow your making a comprehensive study in connection with our application for loan funds.

We are finding that maps of the area are extremly hard to acquire, but we have finally found oneof the aerial survey maps for sale by the Superintendent of Documents which we believe will be accetpable to you.

Please bear with us for a while as the work is progressing very slowly and is still far from complete.

You will hear from us withing a two week period.

Yours truly

V. C. Doctorman

V. C. Doctorman
Box No. 1

No answer required at this time. F Murphy

m.

IN REPLY REFER TO:

8/4/56

RECEIVED
AUG 20 1956

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Defense Minerals Exploration Administration
Denver Federal Center
Denver, Colorado

August 16, 1956

RECEIVED
MINERALS TECHNOLOGY
DIVISION

AUG 17 1956

BUREAU OF MINES
JOPLIN, MO.

Memorandum

To: C. C. Knox, Executive Officer
DMEA Region IV

From: E. N. Harshman

Subject: DMEA Docket 4211 (Uranium), Lone Star Uranium Corporation, Temple, Texas, (Wild Horse mine, Burnet County, Texas

Regarding the third and 4th paragraphs of your memo of August 7, 1956, on the potential for uranium at the Wild Horse mine, Robert Russell of the Denver Office, AEC, offered the following information.

A thin stringer of granite intrusive into the Packsaddle schist contains the radioactive zone that is known as the Wild Horse mine or Rainbow prospect. The occurrence is a "uraninite vein-type" of deposit and contrasts with the more common occurrences of the Llano district known as "Llano pegmatite" uranium deposits. The "uraninite vein" has a vertical dip where exposed in one pit.

Suggestive of metallization in the vicinity is the presence of a copper prospect about 100 yards distant.

The AEC indicated that they had suggested that the owners prospect this discovery by several pits along the strike of the radioactive zone.

Because of the vertical dip of the zone, Russell suggested that diamond drilling might be a feasible method for exploration of the deposit.

It is suspected by the AEC that the owners who are promoting the project know little about ore deposits or mining.

I get the impression that though the deposit may not be large, it is a bona ide discovery and as such probably warrants a field examination.

Robert U King
for E. N. Harshman
Member, Field Team, Region III

RUKing:arh

M 8/20/56

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Box 431
Joplin, Missouri

August 17, 1956

RECEIVED
AUG 20 1956

Mr. E. N. Harshman
U. S. Geological Survey - D.M.E.A.
Denver Federal Center
Denver, Colorado

Re: DMEA-4211 (uranium)
Lone Star Uranium Corp.
Wild Horse mine, Burnet County, Tex.

Dear Harsh:

Thanks for your memo of August 16 on the subject application. Five copies of it immediately were forwarded to Washington to augment and correct my August 7 memo thereon; four for DMEA and one for A.E.C. there. Keeping one copy, I am returning herewith the four extra copies you sent.

Also furnished you herewith is the second Field Team copy of an August 8 letter from Bill Martin, authorizing us to furnish for closed files of A.E.C., Denver, copies of Field Team reports pertaining to proposed uranium projects which I understood from H. S. Stafford, had been a matter for discussion between you and him. I have been searching the files here for extra copies to furnish him shortly on the few such proposals we have handled in Region IV.

As application data now seems to be shaping up I would not be surprised if Field Team examinations will be needed on the following such project proposals:

DMEA-4211 (uranium), Lone Star Uranium Co., Wild Horse mine, Burnet County, Tex.
DMEA-4269 (uranium), Big Bend Exploration Co., O2 Ranch, Presidio County, Tex.
DMEA-4204 (uranium), Louis A. Sanford, Pawnee County, Okla.
DMEA-4312 (uranium), Briscoe County Uranium Co., Rattlesnake mine, Briscoe County, Tex. (preparation of a memo on my preliminary examination of the latter is expected to be completed in a couple more days).

Possibly one of your men may want to arrange to examine all the above, if justifiable, on a single trip, plus an inspection at the Contrabando project, Big Bend Mining, Inc., Presidio County, Texas, Contract Idm-E893 (since I understand that John Faick might be out of

circulation the next 6 weeks). Therefore, also enclosed herewith, to be forwarded from your office to the proper geologist for review and any comments he might wish to make, is the fifth copy of the July MF-104 Report, just received from this Big Bend Mining, Inc.

Sincerely yours,

CCK/emm

Clinton C. Knox
Executive Officer
IMEA Field Team, Region IV

encl.(6)
cc: IMEA Op.Com.(3) w/5 cs of memo
4211 file
3776 file

8/10/56

RECEIVED
AUG 10 1956

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D. C.~~
Box 431
Joplin, Missouri

August 7, 1956

Memorandum

To: DMEA Operating Committee, Interior Building, Washington 25, D. C.

From: C. C. Knox, DMEA Field Team

Subject: Application Docket DMEA-4211 (uranium)
Lone Star Uranium Corporation, Temple, Texas
Wild Horse mine, Burnet County, Texas

In response to your July 16 letter on the subject, this is to advise that I virtually have no information on this Applicant's property aside from that included in the Application and correspondence since from Mr. V. C. Doctorman, Mining Engineer (copies of which were furnished you). Judging merely on that limited basis, I am inclined to assume that the Applicant and Mr. Doctorman, designated to be Supervisor of the proposed project, do not have the necessary experience and background properly to conduct a DMEA project.

It seems significant to me that although a shipment of the uranium-bearing material to the Globe purchasing depot of A. E. C. was announced, so little information has been furnished regarding the settlement that was made.

In the Division's reviews of the Application attached with your April 2 letter to me, that by Mr. Crawford (USBM) mentioned discussion with the A.E.C. liaison officer in Washington but failed to state whether anything was learned. I got the impression during my July 16 discussions with H. S. Stafford and W. B. Meeks (A.E.C.-Denver) at Pawnee, Oklahoma, that the shipment was a very small truck load with a low uranium content hand-picked from material mined at the Wild Horse (Rainbow) mine in a narrow shear zone in the Packsaddle schist. They, of course, had no copies of actual data with them in the field, and no first-hand information on the deposit, but believed that Stephen R. Steinhauser, Chief, Austin Sub-Office, U. S. Atomic Energy Commission, Austin, Texas, had done considerable work there in connection with his continuing reconnaissance of the Llano uplift region. Dr. Virgil Barnes, Assistant to the State Geologist, Austin, Texas, is regarded as the outstanding authority on Llano uplift geology, but I reasoned that all his data would be included in Mr. Steinhauser's reports.

I have met most of the other A.E.C. field geologist who have worked in this region and all have tried to be very helpful on an informal

field-level basis, pointing out to me the best features of each of the radio-active mineral prospects with which I have become involved, but giving the impression that actual data and copies of up-to-date reports properly would be made available only through top-level liaison in Washington, after economic appraisals and policy reviews by their Supervisors. In turn, they have asked that DMEA Field Team reports on such prospects likewise be made available for their files. Of course, field men cannot see the over all picture, and often become overly enthusiastic about their individual discoveries and appraisals. I understand, however, that the Geological Survey Field Team Member in Denver has been able to maintain much more intimate relations with A.E.C. on an informal basis and might have adequate data on this case.

Therefore, subject to your Division Office in Washington or the Geological Survey Member of the Field Team in Denver, revealing sufficient favorable data to definitely indicate a geologic probability for finding a worthwhile ore deposit on the properties of the Lone Star Uranium Corporation, I believe no field examination is warranted, and recommend denial of the Application.

I will stand ready, however, to assist on the examination, if found desirable, and then will try again to plan a realistic project proposal in person with the Applicant.

Clinton C. Knox

CCK/enn

Clinton C. Knox
Executive Officer
DMEA Field Team, Region IV

cc: DMEA Op. Com. (3)
Harshman (USGS-Denver)w/c Wash. letters
4211 file

8/6/56 gla

RECEIVED
AUG - 6 1956

Belton, Texas
Aug. 2, 1956

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

Defense Minerals Exploration
Administration

Washington 25, D. C.

Re: Docket No. DMEA-4211
Wild Horse Mine
Burnet County, Texas

Dear Mr. Ellis:

I have your letters of the 15th. and the 16th. of July , in which you have stated that you will hold the subject application in obeyance pending further word from me.

As matters now stand I am presently waiting for some maps that are to be sent to me from Washington, D. C. When these maps are received, I feel that they will be in sufficient detail that the remaining data of a geological natire can be placed thereon, and that the resultant composite map will be sufficient for the needs of your department.

I trust that you will bear with me for a feww more weeks, and I feel that data can be assembled that will satisfy.

Yours truly

V. C. Doctorman

V. C. Doctorman, Secretary,
Lonestar Uranium Corp.
Box No. 1

Two copies sent to Clinton C. Knox
DMEA Field Team, Region IV, without
covering letter.

700

Surname copy

Murphy
Ellis
Kiilsgaard
Selfridge
Johnson
Mittendorf

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

JUL 16 1956

Mr. V.C. Doctorman
Lone Star Uranium Corporation
Box 1
Belton, Texas

Re: Docket No. DMEA-4211 (Uranium)
Wild Horse Mine
Burnet County, Texas

Dear Mr. Doctorman:

This is to acknowledge your letter of June 20, 1956, in reply to my letter of June 15, relating to additional information required by this office.

In the fourth paragraph of our letter we outlined, in general, the information we require. To be more specific, we require four copies each of a plan map or sketch showing the surface geology, radioactivity anomaly areas, location where samples were taken and their assay results, also a crossection sketch which shows the rock formations the proposed drill holes would penetrate and the relative depth of such formations in relation to the collar elevations of the holes. The application stated that a grid scintillation survey map of the area would be made.

We realize that unless previous drilling has been done on the property the depths, folds, and trends of the rock formations can only be approximately inferred, however, such maps or sketches would present a rough geologic picture of the area.

We will hold the subject application in abeyance pending your reply.

Sincerely yours,

Ernest Wm. Ellis, Chief
Rare and Miscellaneous
Metals Division

FMMurphy/ai
7-13-56
cc to: Docket
Admr. Reading File
Code 700
Mr. Murphy
DMEA Field Team, Region III (2)
Messrs. THKiilsgaard, Rm. 5224
JECrawford, Rm. 3643
JOHosted, Rm. 3210, GSA

R.C.S.

Surname copy 700

Murphy
Selfridge
Johnson
Mistandoff

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

JUL 16 1956

Mr. Clinton C. Knox
Executive Officer
DMEA Field Team, Region IV
Bureau of Mines
P. O. Box 431
Joplin, Missouri

Re: Docket No. DMEA-4211 (Uranium)
Lone Star Uranium Corporation
Wild Horse Mine
Burnet County, Texas

Dear Mr. Knox:

Enclosed are two copies each of a letter, dated June 20, 1956, by V. C. Doctorman of the captioned corporation, and our reply.

The subject application was received March 9, 1956, and since that date both your office and Washington have tried to extract information from the Applicant without success.

Have you any information on the subject area that would indicate a field examination of the Wild Horse mine might be justified? We have reviewed a number of USGS papers and bulletins on uranium occurrences in Texas and Oklahoma but have found no mention of occurrences in Burnet County.

We would appreciate any information you may furnish regarding the region.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (2/B)

Enclosures

APPROVED:

/s/ Robert W. Geehan (2/B)
Member, Bureau of Mines

Thor H. Kiilsgaard (2/B)
Member, Geological Survey

FMMurphy/ai/gla
7-13-56
cc to: Admr.'s Reading File
Operating Committee
Docket
Messrs. JECrawford, Rm. 3641
THKiilsgaard, Rm. 5224
JCHosted, Rm. 3210, GSA
Code 700, Mr. Murphy

BSL

Docket No. DMEA-4211 (Uranium)
Old Horse Mine
Burnet County, Texas

7-6-56

RECEIVED
JUN 25 1956

Belton, Texas
June 20, 1956

Mr. Ernest Wm. Ellis, Chief
Rare and Miscel. Metals Div.
Defense Minerals Exploration Adm.
Department of the Interior
Washington 25, D. C.

DMEA-4211 Uranium
Old Horse Mine
Burnet County, Texas

Dear Mr. Ellis:

I have your letter of the 15th. in regard to certain additional information we need to file with your office befoe a complete study can be made of our application.

To completly clarify the issues involved I wish that you would furnish me with information as to what you will require and consider adequate data that is yet needed by your office. I believe that we can go to the department of geology at the University of Texas and find what you want if I can determine just exactly what you need.

The third paragraph of your letter indicates that aid would be withheld in the event Vanadium Corporation of America is occupying the 160-acre lease (Lease No. 1). Actually there is no sub-lease to any company at this time. However, we do anticipate letting a mining company enter on this lease and conduct a comprehensive mining operation. But regardless of the ruling as to withholding aid in the event there is a sub-lessee, we are asking for assistance on the balance of the property which is about 1184-acres. We feel that there are many very interesting and likely claim locations on this larger acreage.

If you will let me know exactly what is required, I will make an effort to acquire it for you.

Yours truly

V. C. Doctorman

V. C. Doctorman
Mining Engineer

Surname copy

Murphy
EL
Mitchell

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

Mr. V. C. Doctorman
Lone Star Uranium Corporation
Box 1
Belton, Texas

JUN 15 1956

Re: Docket No. DMEA-4211 (Uranium)
Wild Horse Mine
Burnet County, Texas

Dear Mr. Doctorman:

Copies of your letter, dated June 7, 1956, to Mr. Knox, Executive Officer, DMEA Field Team, Region IV, and his reply of June 11, have been forwarded to this office.

Without the information mentioned in Mr. Knox's letter to you, this Agency has no justification for requesting the Regional Office to schedule a field examination of your property.

Although no documents were submitted, it appears that you have sub-leased your Lease No. 1 (160 acres) to the Vanadium Corporation of America. If this is the case, in our opinion you do not have the right of possession of this leased land for the purpose of an application for Government aid in an exploration project.

To clarify our needs in regard to information on the proposed exploration work, we may state that the sketch which you submitted showing the location of the proposed drilling is inadequate. It lacks an estimate of the depth of the holes and, moreover, no geologic justification was given for the drilling pattern proposed.

We will hold the subject application in abeyance for an additional 60 days from the date of this letter, in order that you may submit the essential information regarding the exploration work and your title to the land involved, as requested by Mr. Knox and this office.

Sincerely yours,

Ernest Wm. Ellis, Chief
Rare and Miscellaneous
Metals Division

FMMurphy/ai
6/15/56
cc to: Admr.'s Reading File
Docket
DMEA Field Team, Region III(2)
Messrs. THKiilsgaard, Rm. 5224
JECrawford, Rm 3641
JOHosted, Rm 3210, GSA
Code 700
Mr. Murphy

R.C.L.

6-13-56

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON, D.C.~~
Box 431
Joplin, Missouri

RECEIVED
JUN 13 1956

June 11, 1956

Mr. V. C. Doctorman, Mining Engineer
The Lone Star Uranium Corporation
Box 1
Belton, Texas

Re: DMEA-4211 (uranium)
Wild Horse mine
Burnet County, Texas

Dear Mr. Doctorman:

This is to acknowledge receiving your June 7 letter inquiring as to what disposition has been made of the subject application in Washington.

According to the last information I received from Washington on the subject, as reiterated in my April 16 letter to the Lone Star Uranium Corporation, processing of its application there is being held in abeyance pending receipt of the additional information which had been requested. To my knowledge, your corporation still has not submitted copies of the sub-lease you mentioned definitely would be granted the Vanadium Corporation of America, or sufficient details of your exploration plans to adequately support the $92,405 cost estimate you revised for the corporation's project proposal.

In the absence of that necessary information and adequately detailed geologic maps of the proposed project area on a suitable scale, as previously advised, it is not possible for the Washington Officials to judge the merits of the application.

Please rest assured that the Lone Star Corporation will be advised promptly whenever disposition of its application can be made.

Sincerely yours,

CCK/enn

Clinton C. Knox
Executive Officer
DMEA Field Team, Region IV

cc: Lone Star Uranium Corp.
DMEA Op.Com.(2)w/c inc.let.
Harshman, USGS, Denver
4211 file

COPY

THE LONE STAR URANIUM CO.
504 First National Bank Bldg.
Temple, Texas
6-7-56

RECEIVED
JUN 13 1956

COPY

Mr. Clinton C. Knox
Executive Officer
DMEA Field Team, Region IV
Box- 431
Joplin, Mo.

Dear Mr. Knox:

We have waited quite a long time to hear from your Washington office.

We are naturally very anxious to know what disposition has been made of our request for funds. Under the circumstance of having no word as to the intended action, if any, that is contemplated we are in the position of not knowing just what to do in the further development of the premises.

Will you please advise if there is any hope that we may be accorded some relief in our need for aid on this project?

Please address me at Box- 1, Belton, Texas

Yours truly

V. C. Doctorman (signed)
Mining Engineer

C O P Y

THE LONE STAR URANIUM CO.
504 First National Bank Bldg.
Temple, Texas

4-17-56

RECEIVED
APR 23 1956

4-20-56

C O P Y

Mr. Clinton C. Knox
Executive Officer
DMEA Field Team, Region IV
Box 431
Joplin, Missouri

Re: DMEA-4211
Wild Horse Mine
Burnet County
Texas

Dear Mr. Knox:

I have just received your letter of the 16th. in which you again call attention to the need for a suitable map of the property on which we desire to conduct further exploratory work, and on which we are asking for a loan of funds to carry on this exploratory work.

We are in the predicament of not having a suitable map of this territory. All I have been able to find are out of print and the Texas University Library will not allow these rare copies to be taken from the building. It is permissible to consult these maps in the building. The best map of the area is contained in USGS Folio-183, and I am sure that one of these copies is available to your people in the Washington and the Denver offices.

We will definitely have the Vanadium Corporation of America as a sub-lessee on the 160-acre tract, and when their agreement is signed you will be furnished with the usual four copies.

I have revised all of the cost figures to the end that only enough funds is requested to take care of the most essential part of the exploratory work. I believe that you will consider the revised figures in a better light when you have again examined them.

I sincerely hope your Washington office will make a thorough examination of this project on the ground, and that they will do so without undue delay.

Please address us as a corporation.

Yours truly

V. C. Doctorman, Mining Engineer

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
Box 431
Joplin, Missouri

RECEIVED
APRIL 19 1956

Airmail

April 16, 1956

The Lone Star Uranium Corporation
504 First National Bank Building
Temple, Texas

Re: DMEA-4211 (uranium)
Wild Horse mine
Burnet County, Texas

Dear Sirs:

I have been advised by the Washington Office of DMEA that processing of your application will be held in abeyance pending receipt of the additional information requested from you which is essential for properly judging the merits of your exploration proposal there.

I refer particulary to the third paragraph in my letter to you dated March 27, in which I suggested that better justified and more realistic plans for your proposed exploration program are essential to permit a proper appraisal of its merits. Also I have received no indication that the suitable map of the area mentioned in your letters to me on March 24 and 26, has been submitted.

I am also to advise you that if a sublease is made to one of the mining companies mentioned in Mr. V. C. Doctorman's letter of March 6, copies of that agreement would be required with your application. Also should you be addressed as a company as printed on your letterheads, or a corporation as stated in item 1 of your application?

It may serve to expedite the decision on your application if you can submit all pertinent additional information directly to Washington as speedily as possible, or if you prefer, send it here and I will be pleased to forward it likewise.

Sincerely yours,

CCK/enn

Clinton C. Knox
Executive Officer
DMEA Field Team, Region IV

cc: DMEA Op.Com.(2)
Mr. Harshman, USGS, Denver, W/encl.
4211 file

Surname copy

700
Murphy
Selfridge
Thurman
Whittendorf

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

APR 2 1956

Mr. Clinton C. Knox
Executive Officer
DMEA Field Team, Region IV
P. O. Box 431
Joplin, Missouri

Re: Docket No. DMEA-4211 (Uranium)
Lone Star Uranium Corporation
Wild Horse Mine
Burnet County, Texas

Dear Mr. Knox:

Enclosed for your information and files are copies of memoranda, relating to the subject application, dated March 15 and 26, 1956, from J. E. Crawford, USBM, and N. E. Nelson, USGS, respectively.

We note in your letter, dated March 7, addressed to the Applicant, you have requested copies of the leases, subleases, etc., which demonstrate that the captioned corporation has the right of possession to the land mentioned in the application. Your comments in regard to the estimated costs submitted by the Applicant and the lack of a definite exploration program proposal also have been noted.

Mr. V. C. Doeterman's letter, dated March 6, to your office mentions that the applicant corporation is negotiating with several mining companies, probably with the idea of subleasing the subject property. If such a sublease is made, we will require copies of the agreement.

Until the question of ownership of the subject property is clarified and the Applicant submits the other information requested in your letter, it is impossible to judge the merits of the application.

P.S.
Please determine if applicant is a company or a corporation.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Enclosures

APPROVED:

/s/ Robert W. Geehan

Member, Bureau of Mines

N. E. Nelson

Member, Geological Survey

Messrs. JECrawford, Rm. 3611
THKiilsgaard, Rm. 5224
JOHosted, Rm. 3210, GSA
Code 700, Mr. Murphy

FMMurphy/gla
3-28-56
cc to: Admr.'s Reading File
Operating Committee
Docket

3/27/56 gla

IN REPLY REFER TO:

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

RECEIVED
MAR 26 1956

March 26, 1956

Re: DMEA 4211
Lone Star Uranium Corp.
Wild Horse Mine
Burnet Co., Texas
$271,210.29 - Uranium

Memorandum

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

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

Subject: Review of application.

The applicant requests Government participation in exploring a property adjoining a property from which a truckload of material assaying 0.18 percent U_3O_8 has been shipped.

No work program is set out in detail, but the expenditure is estimated as:--

Item 6-b,	Labor, supervision, consultants	$ 66,863.00
6-c,	Operating materials and supplies	132,701.00
6-d,	Operating equipment (Present value $65,097.50) Use 11 months.	47,706.50
6-f,	New buildings, etc. $65,097.50	3,250.00
6-g,	Miscellaneous	15,189.79
6-h,	Contingencies	5,500.00
	Total	$271,210.29

The work as outlined is to consist of a thorough scintillation survey, to be followed by drilling. It appears that enough radioactivity surveys have been made, but not systematically, as to indicate to the applicant that the large program is warranted. Assays of several samples are given in the prospectus but only one is tied to a width, as:--

Sample No.	Description	% eU_3O_8	% U_3O_8
F-36591	2.7' channel close to pit	0.19	0.191
F-36593	Small stockpile	0.13	0.277

The samples were run by the U. S. Bureau of Mines in Salt Lake City and reported by the A.E.C. July 25, 1955.

No information is afforded as to the length of the vein now exposed. The samples probably came from "a small adjoining acreage." Such is not said, but is inferred from statement in Doctorman-Defense Minerals Expl. Adm. (Joplin) letter dated March 1, 1956.

The information furnished and the Financial Statement lend little support to the application. As noted above, the showing may be on an adjoining property. However, an examination may be warranted. Referral to the Field Team for suitable action is recommended.

N. E. Nelson

N. E. Nelson

3-16-56 lgm

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

RECEIVED
MAR 16 1956

March 15, 1956

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee, Room 4445

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

Subject: Application for assistance, DMEA Docket 4211, Lone Star Uranium Corp., Burnet County, Texas

I have reviewed the attached application of the Lone Star Uranium Corp., DMEA Docket 4211, dated February 25 and received in this office March 13. I have also discussed it with Joseph O. Hosted, Washington representative of the Atomic Energy Commission.

The Lone Star Uranium Corp. has applied for DMEA assistance to explore for uranium on 1,344.25 acres of land located approximately 6½ miles west of Burnet, Texas. The proposed exploration consists of (1) a radiometric survey, (2) an aerial survey, and (3) a drilling program based on information as may be made available from the surveys. The total estimated cost of the project is $271,445.11.

The applicant states that one truck load of ore has been sold to the Globe, Arizona, buying station, and that the assay for this higher grade ore was 0.18 percent U_3O_8. A stockpile of lower grade ore produced from the property has not been evaluated. It would be reasonable to assume that at best this would be marginal ore.

A geologic report and a map are being forwarded by the applicant to DMEA. In all fairness to the applicant, it would be desirable to defer a recommendation pending receipt of the forthcoming information.

John E. Crawford
John E. Crawford

Attachment

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
Box 431
Joplin, Missouri

RECEIVED
MAR 26 1956

March 21, 1956

The Lone Star Uranium Company
504 First National Bank Building
Temple, Texas

Re: Docket DMEA-4211 (uranium)
Wild Horse Mine,
Burnet County, Texas

Dear Sirs:

In response to your letter received today seven Consent to Lien Forms MF-203 are furnished herewith.

If and when your requested DMEA project contract is let, above number of those forms likely will be required from each land owner, the original and two for the Washington offices of DMEA, one copy for the Field Team, one for the Finance Office, Bartlesville, Oklahoma, one for the landowner, and one copy for your files.

As stated in my letter to you on March 7, I will be pleased to forward to Washington the copies of the additional data you are preparing.

Sincerely yours,

CCK/enn

Clinton C. Knox
Executive Officer
DMEA Field Team, Region IV

encl, 7

cc: DMEA Op. Com. (2)
4211 file

March 12, 1956
Subject: DMEA-4211
Re: Exploration Assistance
Wild Horse Mine

Lone Star Uranium Corporation
504 First National Bank Building
Temple, Texas

Gentlemen:

The receipt of your application dated February 25, 1956, for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-4211 and referred to the Rare & Misc. 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

March 12, 1956

Memorandum

To: Executive Officer, DMEA Field Team, Region IV

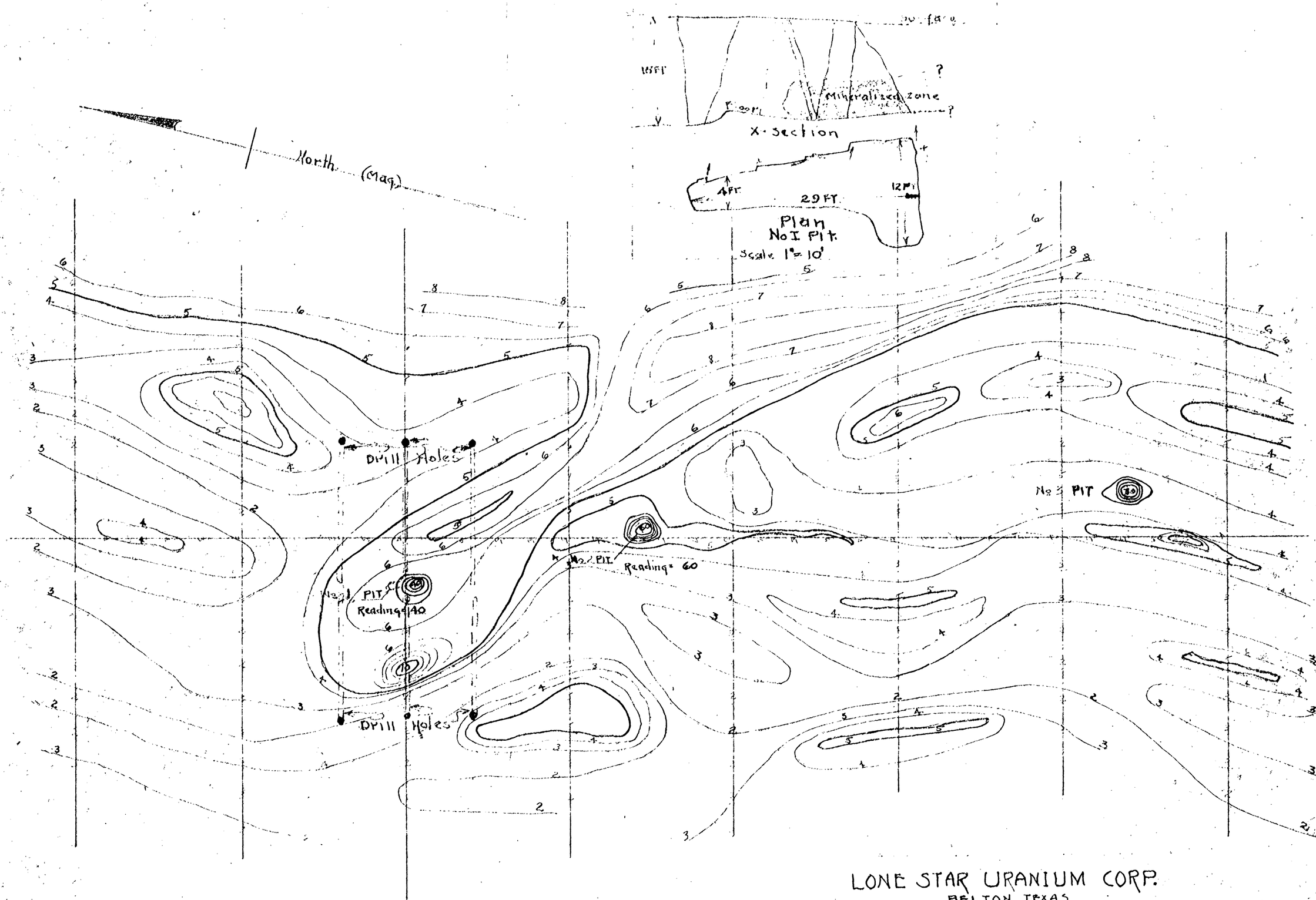
From: Chief, Operation's Control and Statistics Division

Subject: Assignment of Docket Number

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

DMEA - 4211 Lone Star Uranium Corporation

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



LONE STAR URANIUM CORP.
BELTON, TEXAS

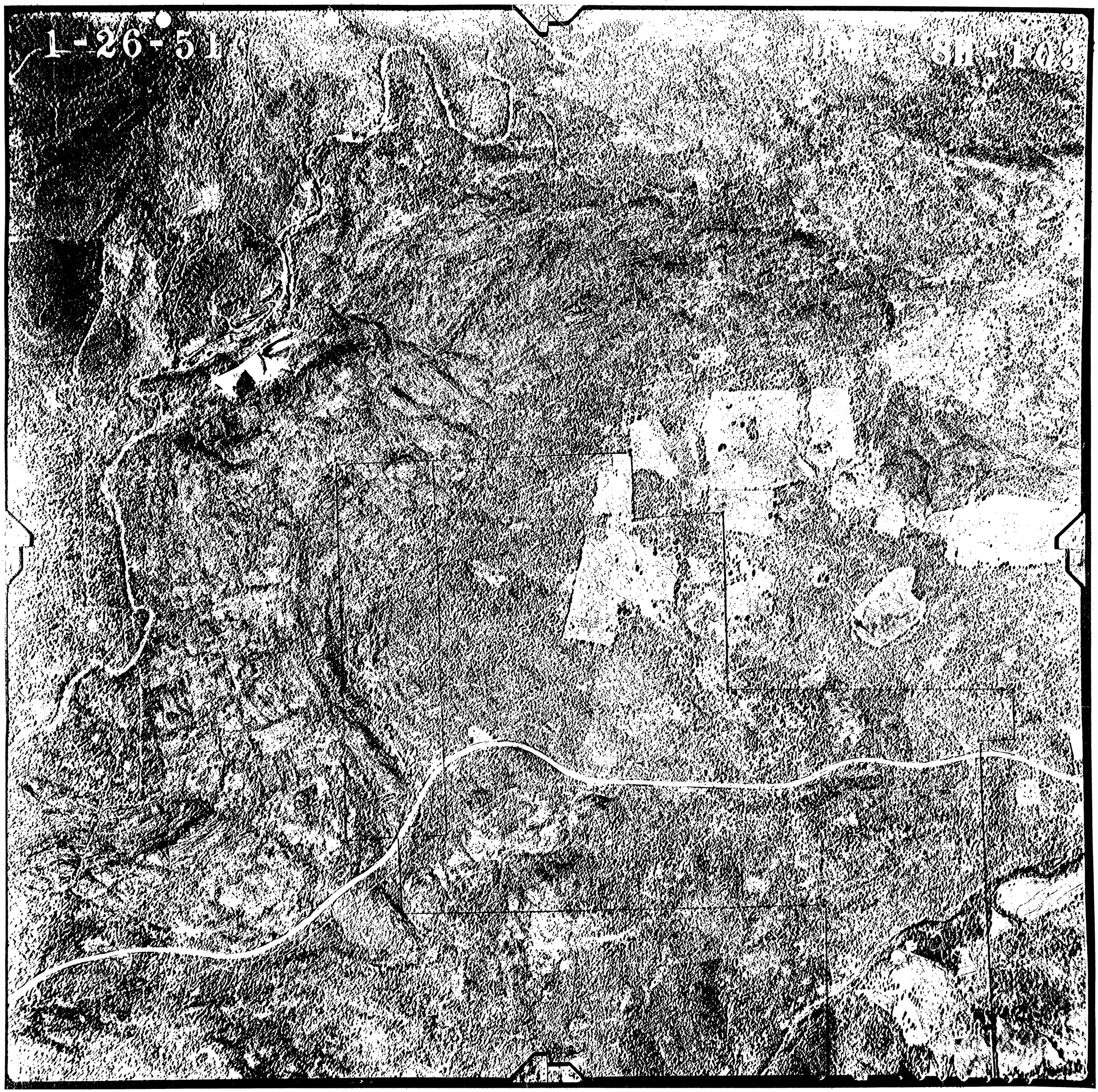
ISORAD MAP—WILD HORSE MINE

Isorad Interval = .01 MR/HR Scale: 1" = 10'

Inst. No. 111-B Syntillator

Inst-Readings: Ledger. Map-Dooterman 9-11-56

RECEIVED
MINERALS TECHNOLOGY
DIVISION
OCT 8 1956
BUREAU OF MINES
JOPLIN, MO.


1-26-51