DMEA 3190

DOCKET INDEX

ACTION DOCUMENTS

1	APPLICATION		DATE RECEIVED	10/16/53
2	CONTRACT		DATE	5/10/54
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		2		9/3/54
		3		12/29/54
		4		2-3-55

Rec'd 3/8/5

RECEIVED

No. 4

AMENDMENT OF CONTRACT: No. Idm-E672

Contract Docket No. DMEA 3190, dated May 10, 1954, between the United States of America and a partnership consisting of Richard Vopat, Avis M. Young, R.H. Spencer, Fred M. Heine, and Robert B. McNeely, dba Flattop Mining Company, is hereby amended as follows, effective as of the date of the contract:

> Referring to Amendment No. 3, dated December 29, 1954, said Amendment No. 3 is cancelled in its entirety effective as of its effective date.
>
> Referring to "Article 3. Exploration Project" of Exploration Project Contract form MF-250(A) (February 1952), as amended by Amendment No. 2 dated September 3, 1954, the date of "December 10, 1954", fixed as the date for completion of the project work, is changed to read "April 1, 1955".
>
> Referring to Annex II attached to and made a part of Amendment No. 1, item "b(2)", in the wording "for a period of ten years from the date of the contract", the words "ten years" are changed to read "eleven years".

This amendment shall not be construed to increase the estimated total cost of the project, the amount of the Government's contribution, or any item of allowable cost which is expressly designated "allowable maximum".

Dated February 3, 1955

FLATTOP MINING COMPANY

By Richard Vopat
Richard Vopat, agent in fact for the partnership

UNITED STATES OF AMERICA

By W.M. Traver
W.M. Traver, Executive Officer
DMEA Field Team, Region III

No. 3

Noted 1/19/55
see memo to Administrator
Rubin
Hoffman

AMENDMENT OF CONTRACT: No. 14m-E672

Contract Docket No. DMEA 3190, dated May 10, 1954, between the United States of America and a partnership consisting of Richard Vopat, Avis M. Young, R. H. Spencer, Fred M. Heine, and Robert E. McNeely, dba Flattop Mining Company, is hereby amended as follows, effective as of the date of the contract:

> Referring to "Article 3. Exploration project" of Exploration Project Contract Form MF-200(A) (February 1952), following the words "and shall bring the project to completion" delete "prior to December 10, 1954" and in lieu thereof substitute "prior to February 1, 1955".
>
> Referring to "Article 6. Repayment by Operator" of the contract form and referring to Annex I which substituted material for that part of Article 6(a) preceding the colon, in the substituted material the words "ten years" are changed to read "eleven years".

This amendment shall not be construed to increase the estimated total cost of the project, the amount of the Government's contribution, or any item of allowable cost which is expressly designated "allowable maximum".

Dated DEC 29 1954

FLATTOP MINING COMPANY

By Richard Vopat
Richard Vopat, agent in fact for the partnership

UNITED STATES OF AMERICA

By W.H. King
W.H. King, Executive Officer
DMEA Field Team, Region IV

Scott City, Kansas
December 7, 1954

nTOT

Mr. W. H. King
Executive Officer
DMEA Field Team, Region IV
224 New Customhouse
Denver 2, Colorado

Re: Docket No. 3190
Contract Idm-E572

Dear Mr. King:

We would like to request a forty five (45) day extension on the completion date of our contract which is December 10, 1954.

Our reasons for requesting this extension are that we received the approval to proceed with Stage 3 drilling just a few days ago. Also Four Corners Exploration Co. of Grants, New Mexico, who are doing our drilling would like to proceed with their Stage 3 drilling on their Flat Top Claims four and five. The approaching holiday season will also curtail work in the area for a week or ten days. At this time of the year there is the possibility that weather conditions will also hamper drilling operations.

Trusting that this request for extension of time can be granted, we are

Very truly yours,

THE FLAT TOP MINING CO.
By Richard Vopat
Richard Vopat
601 Court St.
Scott City, Kansas

Hoffbauer

No. 2

AMENDMENT OF CONTRACT: No. Ida-2672

Contract Docket No. DMEA 3190, dated May 10, 1954, between the United States of America and a partnership consisting of Richard Vopat, Avis M. Young, R. H. Spencer, Fred M. Heine, and Robert B. McNealy, doing business as Flattop Mining Company, is hereby amended, effective May 10, 1954, as follows:

> Referring to "Article 3. Exploration project" of Exploration Project Contract Form MF-200 (A) (February 1952), following the words "The Operator", delete "within 60 (sixty) days from the date of this contract" and in lieu thereof substitute "prior to September 23, 1954"; further, following the words "and shall bring the project to completion", delete "within a period of four months from the date of this contract" and in lieu thereof substitute "prior to December 10, 1954".

This amendment shall not be construed to increase the estimated total cost of the project, the amount of the Government's contribution, or any item of allowable cost which is expressly designated "allowable maximum".

Dated SEP 3 1954

Flattop Mining Company

By Richard Vopat
Richard Vopat, agent in fact

UNITED STATES OF AMERICA

By W. H. King
W.H. King, Executive Officer,
DMEA Field Team, Region IV

Docket Copy

EXPLORATION PROJECT CONTRACT
RICHARD VOGAT, AVIS M. YOUNG, R. N. SPENCER,
FRED M. HEINE, AND ROBERT B. McNEELY
DOING BUSINESS AS FLATTOP MINING COMPANY
DOCKET NO. DMEA-3190

AMENDMENT NO. 1

It is agreed this 9th day of July, 1954, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and Richard Vogat, Avis M. Young, R. N. Spencer, Fred M. Heine, and Robert B. McNeely, doing business as Flattop Mining Company, hereinafter called the "Operator," that Exploration Project Contract Idm-3072 (Docket No. DMEA-3190), dated May 10, 1954, hereinafter called the "Contract," is amended effective May 10, 1954, as follows:

1. In Exhibit "A," under "Description of the Work," add a new paragraph reading as follows:

> Casing shall be set in all holes from the surface to the top of the Todilto limestone before the limestone is penetrated to insure the recovery of undiluted samples; or, as an alternative to casing, where consolidation of material can be obtained by wet drilling with the use of "Aquagel," then wet drilling shall be performed.

2. In Exhibit "A," under "Estimated Costs of the Project"—

a. Add;

(1) Under Stage 1—

2,050 feet of casing @ $0.50/ft. 1/	$1,025.00

1/ Wet drilling with "Aquagel" may be substituted for casing at the rate of $0.30 per foot.

(2) Under Stage 2—

1,500 feet of casing @ $0.50/ft. 1/ $750.00

(3) Under Stage 3—

2,400 feet of casing @ $0.50/ft. 1/ 1,200.00

b. The estimated total cost of the project is increased to "$11,007.50."

c. The last total is revised to read:

Government Participation @ 90% $9,906.75

3. In Article 4 of the Contract, the estimated total cost of the project is changed to "$11,007.50," and the aggregate total amount which the Government will contribute is changed to "$9,906.75."

4. Annex I attached to the Contract is cancelled, and Annex II attached hereto and made a part hereof is substituted for Article 6 of the Contract form.

1/ Wet drilling with "Aquagel" may be substituted for casing at the rate of $0.30 per foot.

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By O. Meredith
Administrator, Defense
Minerals Exploration
Administration

Robin Hoffland Jackson

FLATTOP MINING COMPANY

By Richard Vopat
(Richard Vopat)

By _____
(Avis M. Young)

By _____
(R. H. Spencer)

By _____
(Fred M. Heine)

By _____
(Robert B. McNeely)

EXPLORATION PROJECT CONTRACT
RICHARD VOPAT, AVIS M. YOUNG, R. H. SPENCER,
FRED M. HEINE, AND ROBERT B. McNEELY
DOING BUSINESS AS FLATTOP MINING COMPANY
DOCKET NO. DMEA-3190

ANNEX II

The following provisions are in lieu of Article 6 :

Repayment by Operator.--a. Certification.--If the Government considers that a discovery or development from which production may be made has resulted from the work, the Government, at any time not later than six months after the Operator has rendered the final report and final account, may so certify in writing to the Operator. Such certification shall describe broadly or indicate the nature of the discovery or development.

b. Royalty on production.--The Operator, as principal, if the Operator is the producer, or as surety, if the Operator is not the producer, shall pay to the Government a royalty on all minerals mined or produced from the land, as follows: (1) regardless of any certification of discovery or development, from the date of the contract until the lapse of the time within which the Government may make such certification, or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first; or (2) if the Government makes a certification of discovery or development, for a period of ten years from the date of the contract, or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first.

c. Basis for computation.--The Government's royalty shall be a percentage of the gross proceeds (including any bonuses, premiums, allowances, or other benefits) from the production sold, in the form sold (ore, concentrates, metal, or equivalent), at the point of delivery (the f.o.b. point); except, that charges of the buyer arising in the regular course of business, and shown as deductions on the buyer's settlement sheets, on account of the cost of treatment processes performed by the buyer, sampling and assaying to determine the value of the production sold, and freight paid by the buyer to a carrier (not the Operator), shall be allowed as deductions in arriving at the "gross proceeds" as that term is used herein. Any costs of treatment processes, sampling or assaying, or transportation, performed or paid by the

Operator or by anyone other than the buyer, are not deductible in arriving at the "gross proceeds" as that term is here used. The term "treatment processes," as here used, means those processes (such as milling, concentrating, smelting, refining, or equivalent) applied to the raw ore or other production after it is extracted from the ground, to put it into a commercially marketable form; excluding fabricating or manufacturing.

d. Unsold production.--If any production (ore, concentrates, metal, or equivalent), after the lapse of six months from the date the ore was extracted from the ground, remains neither sold nor used by the Operator in integrated manufacturing or fabricating operations (for instance, if it is stockpiled), the Government, at its option, as long as it so remains, may require the computation and payment of its royalty on the value of such production in the form (ore, concentrates, metal, or equivalent) it is in when the Government elects to require computation and payment. If any production is used by the Operator in integrated manufacturing or fabricating operations before the Government makes its election, the Government's royalty on such production shall be computed on the value thereof in the form in which and at the time when it is so used. "Value" as here used means what is or would be gross income from mining operations for percentage depletion purposes in Federal income tax determination, or the market value, whichever is greater.

e. Percentages of royalty.--The percentages of the Government's royalty shall be as follows:

> One and one-half ($1\frac{1}{2}$) percent of amounts ("gross proceeds" or "value") not in excess of eight dollars ($8.00) per ton of production in the form in which sold, held, or used, plus one-half ($\frac{1}{2}$) percent for each additional full fifty cents ($0.50) by which such amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) percent of such amounts.
>
> (For instance: the royalty on an amount of five dollars ($5.00) per ton, would be one and one-half ($1\frac{1}{2}$) percent; on an amount of ten dollars ($10.00) per ton, three and one-half ($3\frac{1}{2}$) percent.)

f. Lien for payment.--To secure the payment of its percentage royalty, there is hereby granted to the Government a lien upon the land or the Operator's interest in the land and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

g. Notice to purchasers.--The Operator shall give notice of the Government's claim for royalty to any purchaser of the production, and shall authorize and direct such purchaser to pay the royalty directly to the Government and to furnish the Government with copies of the settlement sheets. If the records of any production and sales or other disposition of production, whether the production is by the Operator or by others, are not made available to the Government, the amount of the royalty may be estimated by the Administrator, Defense Minerals Exploration Administration, or his successor, and his estimate thereof shall be final and binding upon the Operator.

h. No obligation to produce.--Nothing in this contract is to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production operations.

i. Government not obligated to buy.--Nothing in this contract shall be construed as imposing any obligation on the Government to purchase any minerals mined or produced from the land.

58694

MF-203
(Revised July 1, 1954)

OWNER'S CONSENT TO LIEN

WHEREAS, the undersigned, as owner, co-owner, lessor, or seller has an interest in certain property in the State of New Mexico, County of McKinley, described as follows:1/

Claim	Book	Page
Flat Top-Vilatie Hyde No. 1	10	287
Flat Top-Vilatie Hyde No. 2	10	288
Flat Top-Vilatie Hyde No. 3	10	288

which is the subject of an exploration project contract, hereinafter called the "contract", between the United States of America, hereinafter called the "Government", and consisting of

2/ Richard Vopat, Scott City, Kansas
Fred M. Heine, Lucas, Kansas
Avis M. Young, Scott City, Kansas
Dr. R. H. Spencer, Scott City, Kansas
Robert B McNeely, Wichita, Kansas

hereinafter called the "Operator"; and

WHEREAS, under the provisions of said contract the Government is entitled to a percentage royalty on production and to other rights and equities which do or may conflict with or be adverse to the rights of the undersigned:

NOW THEREFORE, the undersigned, in consideration of Amendment No. 1 to said contract and as an inducement to the Government to enter into same, undertakes and agrees as follows:

1. The Government's equity in and right to dismantle, sever, take possession of, and remove and dispose of facilities, buildings, fixtures, equipment, or other items as provided in the contract or any amendment thereof shall prevail over and be prior and superior to any conflicting or adverse rights of the undersigned, and the Government is authorized to enter upon the land for such purposes.

2. To secure the payment to the Government of the percentage royalty on production3/ provided for under the terms of said exploration project contract or any amendment thereof there is hereby granted to the Government a lien upon the land above referred to and upon any production of minerals therefrom until said royalty is fully paid or ten years have elapsed from the date of the contract, whichever occurs first.

1/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease [or contract, deed, or other document] dated _____, and recorded in book _____ page _____ official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.

2/ Insert the name of the Operator as it will appear in the exploration project contract.

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

(OVER)

3. The undersigned shall commit no act nor assert any claim that may contravene or conflict with the lien, claim, or rights of the Government under the provisions of said contract. This agreement shall be binding upon the heirs, executors, administrators, successors, and assigns of the undersigned.

4. Changes and added provisions _____

_____

_____

_____

Dated this 30th day of August, 1956.

Hazel I. Manol [Seal]
Hazel I. Manol

Vilatie W. Hyde [Seal]
Vilatie W. Hyde

F. O. Manol [Seal]
F. O. Manol

MF-200 (A)
(February 1952)

DOCKET NO. DMEA 3190

COMMODITY Uranium

Idm-E672

Defense Minerals Administration
RECEIVED
JUN 17 1954

Rubin 6/22/54

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

EXPLORATION PROJECT CONTRACT[1]

(Short Form)

IT IS AGREED this 14th day of May, 1954, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and[2] a partnership consisting of Richard Vopat, 601 Court Street, Avis M. Young, 911 Church Street, R.H. Spencer, 606 Russell Street, all in Scott City, Kansas, and Fred M. Heine, Lucas, Kansas, Robert B. McNeely, 337 South Terrace Drive, Wichita, Kansas, dba Flattop Mining Company

hereinafter called the "Operator," as follows: and as set forth in Annex I attached hereto and made a part hereof.

ARTICLE 1. *Authority for contract.*—This agreement is entered into under the authority of the Defense Production Act of 1950, as amended, pursuant to DMEA Order 1 entitled "Government Aid in Defense Exploration Projects."

ARTICLE 2. *Operator's property rights.*—With respect to that certain land situated in the State of New Mexico, County of McKinley, described as follows:[3] Flat Top-Vilatie Hyde Claims numbers 1, 2 and 3 located in the South 1/2 of the Southeast 1/4 Sec. 30, T. 13 N., R. 9 W., and recorded in the County Clerk's office in Book 10, Pages 287 and 288.

the Operator represents and undertakes:[4]

(*a*) That the Operator is the owner, in possession and entitled to possession, and that the property is subject only to the following claims, liens, or encumbrances as to each of which the subordination agreement of the holder is attached:

Mrs. Vilatie Hyde — perpetual 5% Royalty
Frank Manol, Hazel I. Manol — perpetual 10% Royalty

(~~[illegible]~~
The Operator shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of the exploration project without any allowance for the use, rental value, depreciation, depletion, or other cost of acquiring, owning, or holding possession thereof.

ARTICLE 3. *Exploration project.*—The Operator, within 60 (sixty) days from the date of this contract shall commence work on a project of exploration for[5] Uranium

in or upon the described land; and shall bring the project to completion within a period of four months from the date of this contract. The work to be performed is more fully described in Exhibit "A" attached hereto, which, with any maps or drawings thereto attached, are made a part of this contract. The Government will contribute to the cost of this work as hereafter provided. The work shall be performed by the Operator or by independent contractor or contractors efficiently, expertly, in a workmanlike manner, in accordance with good mining standards and State regulations for health and safety and for workmen's compensation and employers' liability insurance, with suitable and adequate equipment, materials, and labor, to bring the project to completion within the time fixed. The Government shall have the right to enter and observe and inspect the work at all reasonable times, and the Operator shall provide the Government with all available means for doing so. The Government may consult with and advise the Operator on all phases of the work.

ARTICLE 4. *Costs of the project.*—The agreed, estimated costs of performing the work, expressed in terms of units of work to be performed (per foot of drifting, per foot of drilling, per cubic yard of material to be moved, etc.) are set forth in Exhibit "A," attached hereto. The Government will pay 90 (ninety) percent of these agreed, estimated costs, as they accrue, for units of work actually performed that conform with the description or specifications for the work set forth in this contract, in an aggregate total amount not in excess of $ 7,229.25, which is 90 percent of $ 8,032.50, the agreed, estimated total cost of the project in which the Government will participate: *Provided,* That until the Operator's final report and final accounting have been rendered to the Government and any final check or auditing required by the Government has been made, and a final settlement of the contract has been made, the Government may withhold from the last voucher or vouchers such sums as it sees fit not in excess of ten (10) percent of the maximum total which the Government might have been called upon to pay under the terms of the contract. The Government may, as it sees fit, make payments direct to the Operator's independent contractors, if any, for the account of the Operator, rather than to the Operator.

ARTICLE 5. *Reports, accounts, audits.*—(*a*) *Progress reports.* The Operator shall provide the Government with monthly reports of units of work performed under the contract, in quintuplicate (five copies), upon forms provided by the Government. These progress reports shall be certified by the Operator, and shall constitute both the Operator's invoice of units of work performed on the project during the period covered by the report and his voucher for repayment by the Government, unless the Government requires the use of a standard voucher form with invoice attached. Progress reports shall include surface and/or underground engineering-geological maps or sketches showing the progress of the exploration, with assay-reports on samples taken concurrently with the advance in mineralized ground.

[1] If sufficient space is not provided in any blank, use an extra sheet of paper and refer to it in the blank.
[2] State name, address, and nature of organization if any.
[3] Give legal description or enough to identify the property, particularly excluding any land or interest therein to which the Government's lien is not to attach or the production from which is not to be subject to the Government's percentage royalty.
[4] Strike out the provision not applicable.
[5] Name of mineral or minerals.

(*b*) *Final report.*—Upon completion of the exploration work or termination of the contract the Operator shall provide the Government with an adequate geological and engineering report, in quintuplicate (five copies), including an estimate of ore reserves resulting from the exploration work.

(*c*) *Compliance with requirements.*—If, in the opinion of the Government, any of the Operator's reports are insufficient or incomplete, the Government may procure the making or completion of such reports and attachments as an expense of the exploration work; and the Government may withhold approval and payment of any vouchers depending upon insufficient or incomplete reports.

(*d*) *Accounts and audits.*—The Operator shall keep suitable records and accounts of the units of work performed, which the Government may inspect and audit at any time. The Government may at any time require a check of the work performed and an audit of the Operator's records and accounts, by a certified public accountant or otherwise, the cost thereof to be treated as a cost of the project. The Operator shall keep and preserve said records and accounts for at least 3 years after the completion of the project or the termination of this contract. Upon the completion of the project or termination of the contract the Operator shall render a final account and statement of work performed to accompany his final report.

ARTICLE 6. *Repayment by Operator.*—(*a*) If, at any time, the Government considers that a discovery or a development from which production may be made has resulted from the exploration work, the Government, at any time not later than 6 months after the Operator has rendered the required final report and final account, may so certify in writing to the Operator. The certification shall describe broadly or indicate the nature of the discovery or development. In the event of such certification, any minerals mined or produced from the land described in Article 2 within 10 years from the date of this contract, including any mined or produced before the certification, shall be subject to a percentage royalty which the Operator or his successor in interest shall pay to the Government, upon the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production, in whatever form disposed of, including ore, concentrates, or metal, until the total amount contributed by the Government, without interest, is fully repaid, or said 10 years have elapsed, whichever occurs first, as follows: **See Annex I substituted for that part of 6(a) preceding the colon.**

(1) One and one-half (1½) percent of any such net amounts not in excess of eight dollars ($8.00) per ton.

(2) One and one-half (1½) percent of any such net amounts, plus one-half (½) percent of such net amounts for each additional full fifty cents ($0.50) by which such net amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) percent of such net amounts.

(For instance: The percentage royalty on a net amount of five dollars ($5.00) per ton, would be one and one-half (1½) percent; on a net amount of ten dollars ($10.00) per ton, three and one-half (3½) percent.)

(*b*) As here used, "net smelter returns," "net concentrator returns," and "other net amounts realized from the sale or other disposition," mean gross revenue from sales, or if not sold, the market value of the material after it is mined in the form in which and the place where it is held. In the case of integrated operations in which the material is not disposed of as such, these terms mean what is or would be the gross income from mining operations for percentage depletion purposes in income-tax determination.

(*c*) To secure the payment of its percentage royalty, the Government shall have and is hereby granted a lien upon the land described in Article 2 and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

(*d*) This article is not to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production operations.

ARTICLE 7. *Assignment, transfer, or loss of Operator's interest.*—Without the written consent of the Government, the Operator shall not assign or otherwise transfer or hypothecate this contract or any rights thereunder. The Operator shall not make any voluntary nor permit any involuntary transfer or conveyance of the Operator's rights in the land described in Article 2, without making suitable provision for the preservation of the Government's right to a percentage royalty on production and lien for the payment thereof; *Provided*, that mere failure by the Operator to maintain the Operator's rights in the land, without any consideration running to the Operator other than relief from the cost of maintaining such rights (as by surrender of a leasehold, failure to perform assessment work, or failure to exercise an option), coupled with complete abandonment by the Operator of all interest in or operations on the land for a period of 10 years from the date of this contract, shall not constitute such a transfer or conveyance. Should the Operator make or permit any transfer or conveyance in violation of this provision, the Operator shall be and remain liable for payment to the Government of the same amounts, at the same times, as would have been paid under the terms of the percentage royalty on production. If for any reason the net smelter returns, net concentrator returns, or other net amounts realized from the sale or other disposition of such production are not available as a means of measuring the amount of the Operator's liability, the amount thereof shall be estimated as well as may be, and in the event of dispute as to such estimates, the determination thereof by the Administrator of Defense Minerals Exploration Administration or by his successor shall be final and binding upon the Operator.

ARTICLE 8. *Termination and completion.*—The Government may, at any time, by written notice to the Operator, terminate this contract: (*a*) If the Operator fails to provide his share of the money necessary to prosecute operations pursuant to the terms of the contract; (*b*) if the Operator, in the opinion of the Government, fails to prosecute operations pursuant to the terms of the contract; or (*c*) if, in the opinion of the Government, operations up to the time of the notice have not indicated the probability of making any worth while discovery and in the opinion of the Government further operations are not justified.

ARTICLE 9. *Changes and added provisions* _____

Executed in sextuplicate the day and year first above written.

R. H. Spencer
Richard Vokat
(Operator)
Guy M. Young
By Robert M. McNeely
Fred H. Hetrick

THE UNITED STATES OF AMERICA

By W. H. King
Executive Officer, DMEA
Field Team, Region IV

I, _____, certify that I am the _____ secretary of the corporation named as Operator herein; that _____, who signed this contract on behalf of the Operator, was then _____ of said corporation; that said contract was duly signed for and in behalf of said corporation by authority of its governing body, and is within the scope of its corporate powers.

_____ [CORPORATE SEAL]

U. S. GOVERNMENT PRINTING OFFICE 16—66329-1

DMEA-3190

EXHIBIT "A"

Description of the Work

The work will be divided into three stages.

Stage 1 will consist of rotary drilling 41 holes at locations as shown on Figure 2 which is attached and made a part of Exhibit "A".

Stage 2 will consist of rotary drilling not to exceed 30 holes offset from those drilled under Stage 1. The performance of any or all of Stage 2 drilling is dependent on the results of drilling under Stage 1 and is subject to the prior written approval of the DMEA Field Team, Region IV. No hole drilled under Stage 2 shall be closer than 50 feet to any other hole drilled under Stage 1 or Stage 2.

Stage 3 will consist of rotary drilling not to exceed 48 additional offset holes and the performance of any or all of the drilling is dependent on the results of Stage 1 and Stage 2 drilling and is subject to the prior written approval of the DMEA Field Team, Region IV. No hole drilled under Stage 3 shall be drilled closer than 50 feet to any other hole drilled under Stages 1, 2 or 3.

All holes in each Stage will be drilled five feet below the base of the Tedilto limestone which is the ore bearing horizon and it is estimated that all holes will average approximately 75 feet in depth to this point.

A permanent geologic record including the radiometric logging of every hole will be made by the operator and submitted to the DMEA Field Team, Region IV, at the end of each stage of drilling. This geologic record will contain an accurate log and sample results of each hole.

All holes will be rotary drilled and all sample cuttings throughout the entire thickness of the Tedilto limestone will be collected separately in two foot runs, split, sacked, and labeled, one-half to be retained and properly stored for use of the Government. A total of at least 20 samples will be checked by chemical analyses by the operator and recorded in the geologic record.

Estimated Costs of the Project

Stage 1:	41 holes, 3075 feet at $.90 per foot.....	$ 2,767.50
Stage 2:	30 holes, 2250 feet at $.90 per foot.....	2,025.00
Stage 3:	48 holes, 3600 feet at $.90 per foot.....	3,240.00
	Total estimated cost.....	$ 8,032.50
	Government participation at 90%.....	$ 7,229.25

The above costs include radiometric logging, sampling, assaying, supervision, and any and all other costs incurred in the completion of the work.

ANNEX I

The following provisions are in lieu of all of paragraph (a) of Article 6 which precedes the colon:

If the Government considers that a discovery or development from which production may be made has resulted from the exploration work, the Government, at any time not later than six months after a sufficient, complete, final report and final account referred to in the contract has been rendered, may so certify in writing to the Operator. Such certification shall describe broadly or indicate the nature of the discovery or development. The Operator, or his successor in interest, shall pay to the Government a royalty on all minerals mined or produced from the land described in Article 2, as follows: (1) Regardless of any certification of discovery or development, from the date of the contract until the lapse of the time within which the Government may make such certification of discovery or development, or until the total net amount contributed by the Government, without interest, is fully repaid, whichever occurs first, unless the Government waives its right to a royalty; or (2) if the Government makes a certification of discovery or development, for a period of ten years from the date of the contract, or until the total net amount contributed by the Government, without interest, is fully repaid, whichever occurs first. Said royalty shall be a percentage of the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production (including any bonuses), in whatever form disposed of, including ore, concentrates, or metal, as follows:

MF-203
(Revised July 1, 1953)

OWNER'S CONSENT TO LIEN

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 1 8 1954

WHEREAS, the undersigned, as owner, co-owner, lessor, or seller has an interest in certain property in the State of New Mexico, County of McKinley, described as follows: 1/ Three lode mining claims recorded in the County Recorder's Office as follows:

Claim	Book	Page
Flat Top-Vilatie Hyde #1	10	287
Flat Top-Vilatie Hyde #2	10	288
Flat Top-Vilatie Hyde #3	10	288

which is the subject of a proposed exploration project contract, hereinafter called the "contract", between the United States of America, hereinafter called the "Government", and a partnership consisting of Richard Vopat, Scott City, Kansas
2/ Fred W. Heine, Lucas, Kansas
Avis M. Young, Scott City, Kansas
Dr. R. H. Spencer, Scott City, Kansas
Robert B. McNeely; Wichita, Kansas

hereinafter called the "Operator"; and

WHEREAS, under the provisions of said contract the Government is entitled to a percentage royalty on production (as set forth on the reverse side hereof) and to other rights and equities which do or may conflict with or be adverse to the rights of the undersigned:

NOW THEREFORE, the undersigned, in consideration of said contract and as an inducement to the Government to enter into same, undertakes and agrees as follows:

1. The Government's equity in and right to dismantle, sever, take possession of, and remove and dispose of facilities, buildings, fixtures, equipment, or other items as provided in the contract, or any amendment thereof, shall prevail over and be prior and superior to any conflicting or adverse rights of the undersigned, and the Government is authorized to enter upon the land for such purposes.

2. To secure the payment to the Government of the percentage royalty on production 3/ provided for under the terms of said exploration project contract, or any amendment thereof, there is hereby granted to the Government a lien upon the land above referred to and upon any production of minerals therefrom, until said royalty is fully paid or ten years have elapsed from the date of the contract, whichever occurs first.

3. The undersigned shall commit no act nor assert any claim that may contravene or conflict with the lien, claim, or rights of the Government under the provisions of said contract. This agreement shall be binding upon the heirs, executors, administrators, successors, and assigns of the undersigned.

4. Changes and added provisions The undersigned are neither owners, nor co-owners, nor lessors, but are sellers retaining a royalty interest in these said claims.

Dated this 17 day of April, 1954.

Hazel I. Manuel [Seal]
Vilatie W Hyde [Seal]
Jo Manuel [Seal]

1/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease [or contract, deed, or other document] dated _____, and recorded in book _____ page _____ official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.
2/ Insert the name of the Operator as it will appear in the exploration project contract.
3/ Mining or production from the land is not required, and in the absence of production there is no obligation to repay the Government.

Repayment by Operator.--a. Certification.--If at any time the Government considers that a discovery or development from which production may be made has resulted from the exploration work, the Government, at any time not later than six months after the Operator has rendered the final report and final account, may so certify in writing to the Operator. Such certification shall describe broadly or indicate the nature of the discovery or development.

b. Percentage royalty.--The Operator, or his successor in interest, shall pay to the Government a royalty on all minerals mined or produced from the land described in Article 2,--(1) regardless of any certification of discovery or development, from the date of the contract until the lapse of the time within which the Government may make such certification of discovery or development, or until the total net amount contributed by the Government, without interest, is fully repaid, whichever occurs first, unless the Government waives its right to a royalty; or (2) if the Government makes a certification of discovery or development, for a period of ten years (or other period fixed by the contract) from the date of the contract, or until the total net amount contributed by the Government, without interest, is fully repaid, whichever occurs first. Said royalty shall be a percentage of the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production (including any bonuses), in whatever form disposed of, including ore, concentrates, or metal, as follows:

(a) One and one-half (1½) percent of any such net amounts not in excess of eight dollars ($8.00) per ton.

(b) One and one-half (1½) percent of any such net amounts, plus one-half (½) percent of such net amounts for each additional full fifty cents ($0.50) by which such net amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) percent of such net amounts.

(For instance: the percentage royalty on a net amount of five dollars ($5.00) per ton, would be one and one-half (1½) percent; on a net amount of ten dollars ($10.00) per ton, three and one-half (3½) percent.)

c. Definitions.--As here used, "net smelter returns", "net concentrator returns", and "other net amounts realized from the sale or other disposition", mean gross revenue from sales; or if not sold, the market value of the material after it is mined in the form in which and the place where it is held. In the case of integrated operations in which the material is not disposed of as such, these terms mean what is or would be gross income from mining operations for percentage depletion purposes in income tax determination.

d. Lien for Payment.--To secure the payment of its percentage royalty, the Government shall have and is hereby granted a lien upon the land described in Article 2 and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

e. Notice to Purchasers.--The Operator shall notify any purchaser of the production of the Government's royalty interest, and shall authorize and direct the purchaser to pay the royalty directly to the Government and to furnish the Government with copies of the settlement sheets; but failure or refusal by the purchaser to comply shall not relieve the Operator of liability to pay any royalty falling due.

f. No Obligation to Produce.--This article is not to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production operations.

Interior--Duplicating Section, Washington, D. C. 47318

MH

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE 2-4-54

REFERRED TO:

1. Code 220
2.
3.
4.

DMEA-3190

FOR:

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

REMARKS: Region IV to write contract

Check (X) before the items needing attention.

EWEllis/gla

Initials of sender.

GPO 16—63815-1

DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. DMEA-3190

DO NOT DETACH THIS SLIP

Action on this document is recorded and controlled in Reports and Records Branch. Any movement of this document between divisions or offices of DMA or movement outside DMA must be reported to the Reports and Records Branch. Actions taken that affect status of the case must also be reported.

This document has been recorded as

Exploration Assistance

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

1cy USBM, 2cys Retained in Region. 1for USGS-1for Reg. - 1cy 700

Routing Slip

To:	700	Date	10-16-53
To:	OperCom	Date	10-30-53
To:	Code 700	Date	11/3/53
To:	Code 700	Date	11/9/53
To:	Oper Com	Date	11-27-53
To:	700	Date	11-30-53
To:	Oper Com	Date	12-16-53
To:	Code 700	Date	12/21/53
To:	Oper Com	Date	1-20-54
To:	700	Date	1-21-54
To:	Oper. Com	Date	1-29-54
To:	Op	Date	
To:	Code 220	Date	2-4-54
To:	Oper Com	Date	1-21-55
To:		Date	

DO NOT DETACH

CONTROLLED DOCUMENT

Section 30 - T13N, R 9W
McKinley County, New Mexico

Owner ?		Owner ?			
		5½ of NE¼ F.O. Manel - lease. On original Application M.F. 103 - Docket 3087			
NW¼ of SW¼ Lot 3 F.O. Manel Area "C" on map Docket No. DMEA 3089	NE¼ of SW¼ F.O. Manel Area "C" on map Docket No DMEA 3089	N½ of SE¼ O.K. F.O. Manel Area "A" on map Docket No. DMEA 3089			
SW¼ of SW¼ Lot 4 F.O. Manel Mineral Mine	SE¼ of SW¼ F.O. Manel	Richard Vapat et al Original Application DMEA 2897 Amended Application DMEA 3190			Four Corners Flat Top Claims DMEA 3151

original lease held by F.O. Manel

F.O. Manel interested

For Div File DMEA 3190.

No Ownership

700
Docket Copy
Ching
J Kraus

Project Summary Report

By: Michael Ching

Date: March 26, 1956

1. Docket No. DMEA-3190 (Uranium)
   Contract No. Idm-E672

   Operator - Richard Vopat, et al., a partnership
   d/b/a Flat Top Mining Company
   601 Court Street
   Scott City, Kansas

   Property - Flat Top - Vilatie Hyde claims Nos. 1, 2 and 3, located in S½ SE¼, sec. 30, T. 13 N., R. 9 W.

   Operator's Property Rights - Operator is the owner. Property subject to perpetual 5% royalty claim of Mrs. Vilatie Hyde and perpetual 10% royalty claim of Frank Manol and Hazel I. Manol. Consent to Lien, dated April 17, 1954, executed by last three parties.

2. Contract - dated May 10, 1944 (Short Form)

   Work Authorized (as amended)

   Test the Todilto limestone by rotary drilling as follows:

Stage I	- 41 holes, 3,075 ft. @ $.90/ft.	$2,767.50
Stage II	- 30 holes, 2,250 ft. @ $.90/ft.	2,025.00
Stage III	- 48 holes, 3,600 ft. @ $.90/ft.	3,240.00
*5,950 ft. casing @ $.50/ft.		2,975.00

   Estimated Total Cost of Project $11,007.50
   Government Participation @ 90% 9,906.75

   *Wet drilling with "Aquagel" may be substituted for casing at the rate of $0.30/ft.

   Amendments:

   No. 1 - dated July 9, 1954. Permits the use of casing at rate of $0.50/ft. or Aquagel at $0.30/ft. in addition to cost of drilling. Substitutes Annex II for Article 6 of contract.

   No. 2 - dated September 3, 1954. Extends final starting date to September 20, 1954 and completion date to December 10, 1954.

   No. 3 - dated December 29, 1954. Extends completion date to February 1, 1955 and increases repayment period from 10 years to 11 years.

   No. 4 - dated February 3, 1955. Cancels Amendment No. 3. Extends completion date to April 1, 1955 and increases repayment period from 10 years to 11 years.

Work Completed:

Stage I - 33 holes:		
2,816 ft. rotary drilling @ $.90/ft.	$2,534.40	
2,074 ft. drilling with Bentonite @ $.30/ft.	$ 622.20	
		$3,156.60
Stage II - 30 holes:		
2,250 ft. rotary drilling @ $.90/ft.	$2,025.00	
1,500 ft. casing @ $.50/ft.	$ 750.00	
		$2,775.00
Stage III - 48 holes:		
3,600 ft. rotary drilling @ $.90/ft.	$3,240.00	
2,400 ft. casing @ $.50/ft.	$1,200.00	
		$4,440.00

Total Cost $10,371.60
Government Participation @ 90% ..... $ 9,334.44

The work was started August 31, 1954 and completed in late February, 1955. A total of 111 holes were drilled.

3. Auditor's Report of Review - dated February 20, 1956:

Total cost as billed by Contractor	$10,684.20	
Exceptions	312.60	
Total Accepted Cost		$10,371.60
Government Participation @ 90%		$ 9,334.44

4. Certification of Discovery - None.

5. Comments and Results:

All work was done satisfactorily by a sub-contractor, the Four Corners Exploration Company. The property is overlain by about 50 feet of unconsolidated material. In the first stage even the use of bentonitic mud as a circulating medium failed to prevent caving of the holes, and casing was necessary in the last two stages.

11 holes in Stage I showed 0.02% eU_3O_8 or over, 8 holes in Stage II showed 0.02% to 0.09% eU_3O_8, and 4 holes in Stage III showed 0.02% eU_3O_8 or over, but no ore-grade material was found. 20 chemical analyses were made of which only 2 showed as much as 0.02% U_3O_8. The results were very disappointing in view of the large deposit found along the northeast boundary of the claims, on the adjoining property (Docket No. 3151).

The Todilto limestone is the ore-bearing formation explored. It ranges from 8 feet to 28 feet in thickness on the property and dips about 9 degrees northeast. In the southwest corner of the claims as much as 8 feet of the Todilto has been removed by erosion. In the northeast part of the claims the full thickness of the Todilto is present, being overlain by the Summerville formation.

The subject property must be considered a potential ore-bearing area but any ore bodies present would be small since the property was fairly well covered with a grid pattern of holes. The best possibility appears to be along the eastern border where the drilling was stopped nearly 200 feet from the boundary.

The results of the project do not warrant further work by the Government or a Certification of Discovery.

Michael Ching

Michael Ching, Mining Engineer
Rare and Miscellaneous Metals Division

Surname copy

709

Ching
Z Kingsle
Chambers
Johnson
Selfridge

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

Mr. Paul E. Malmsoom
Kelly Uranium Corporation
340 Third Street, N. W.
Albuquerque, New Mexico

Re: Docket No. DMEA-3390 (Uranium)
Contract No. Ldm-2672
Flat Top Mining Company
Flat Top-Filatdie Hyde Claims
Nos. 1, 2, and 3
McKinley County, New Mexico

Dear Mr. Malmsoom

Reference is made to your letter of February 20, 1956, to Mr. W. H. Travor, our Region III Executive Officer, requesting information on the status of the subject project.

In accordance with a request made in a letter, dated March 5, 1956, to Mr. Travor from the Flat Top Mining Company, we are enclosing a copy of our closing letter of even date to the latter. You will note that the Government is closing its books and records on this project and retaining no claim or lien against the property subject to the contract or any future production therefrom.

We trust that this information satisfies your requirements.

Sincerely yours,

C. U. A[illegible] (for)

Administrator

Enclosure

Copy to Flat Top Mining Company
c/o Fichard Vopat, Agent

MChing/gla
3-26-56
cc to: Admr.'s Reading File
Docket
Messrs. JECrawford, Rm. 3641
THKiilsgaard, Rm. 5224
JOHosted, Rm. 3210, GSA
Code 700
Mr. Ching
DMEA Field Team, Region III (2)

R.C.

Surname copy

700

Ching
J. Kerner
Chambers
F. Eformer
Selfridge

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

MAR 2 8 1956

Flat Top Mining Company
c/o Mr. Richard Vogel
[illegible] Court Street
Scott City, Kansas

Re: Docket No. DMEA-[illegible] (Uranium)
Contract No. [illegible]
Flat Top-Vilatie Hyde Claims
Nos. 1, 2, and 3
McKinley County, New Mexico

Gentlemen:

Reference is made to your exploration contract with the Government.

We sincerely regret that the work performed did not result in a certification of discovery or development under the provisions of the contract. In the absence of such certification, the Government retains no claim or lien against the property subject to the contract or any future production therefrom. We, therefore, are closing our books and records on this project. Your attention, however, is called to the provisions of the contract which require the operator to keep and preserve certain records for the period indicated.

Your interest in the DMEA exploration program and participation therein are fully appreciated.

Sincerely yours,

C. O. Anderson (for)

Administrator

Contract Adm. & Audit Division
DMEA Field Team, Region III (2)
Code 700
Mr. F. E. Johnson
Mr. Ching

MChing/gla 3-26-56
cc to: Admr.'s Reading File
Docket
Messrs. JECrawford, Rm. 3611
THKiilsgaard, Rm. 5224
JOHosted, Rm. 3210, GSA

Copies to:
Avis M. Young, 911 Church Street, Scott City, Kansas
R. M. Spencer, 606 Russell Street, Scott City, Kansas
Fred M. Heine, Lucas, Kansas
Robert B. McNeely, 337 South Terrace Drive, Wichita, Kansas
Frank and Hazel I. Manol, Aztec, San Juan County, New Mexico
Mrs. Vilatie W. Hyde, Bluewater, Valencia County, New Mexico
Holly Uranium Corporation, 340 Third Street, N. W., Albuquerque, N. M.

R.C.L.

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

RECEIVED
MAR 22 1956

March 21, 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: Final Joint Engineering Report, DMEA Docket 3190, Flat Top Mining Company, McKinley County, New Mexico

I have reviewed the final joint engineering report, DMEA Docket 3190, Flat Top Mining Company, dated March 8 and received in this office March 19. I have also discussed it with Joseph O. Hosted, Washington representative of the Atomic Energy Commission.

The operator completed 111 authorized holes totaling 8,666 feet of drilling at a total cost of $10,371.60, in which the Government participated to the extent of 90 percent, at an amount of $9,334.44.

The final report indicates that in the opinion of the Field Team the subject property must be considered to be a potential ore-bearing area, due to its proximity to large ore bodies. Exploration work on the property did not result in a discovery or development of uranium ore; therefore, the Field Team recommends that no certification of discovery be issued.

We concur in the recommendation.

The report is being forwarded to the Chief, Division of Minerals, in accordance with the routing slip attached thereto.

John E. Crawford
John E. Crawford

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

RECEIVED
MAR 14 1956

224 New Customhouse
Denver 2, Colorado

March 12, 1956

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA 3190 (Uranium), Contract Idm-E672, Flat Top Mining Company, McKinley County, New Mexico.

In conjunction with the Field Team final report forwarded to the Secretary to the Operating Committee March 8, 1956, we are enclosing the following material:

1. Two copies of a memorandum to T. A. Christensen, dated March 7, 1956, recommending and establishing the basis for final settlement of the account.

2. Original and one copy of a letter, dated February 20, 1956, from Paul E. Melancon, of the Holly Uranium Corporation, wherein he requests to be advised as to the status of the DMEA loan under the subject contract.

3. Two copies of a letter from this office, dated March 7, 1956, to Paul E. Melancon, advising him that the matter was forwarded to the Washington Office, DMEA, for advice to him in reply to his letter of February 20.

4. Two copies of a letter, dated March 5, 1956, from Richard Vopat, Flat Top Mining Company, requesting that Flat Top Mining Company be released from the royalty payment provisions of the contract inasmuch as the work did not result in a discovery and requesting that Holly Uranium Corporation be provided with a copy of the release.

The entire matter is forwarded for your consideration and appropriate action after you have reviewed the Field Team final report and the joint engineering and geological report forwarded to you therewith.

W. M. Traver

Enclosures

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

RECEIVED
MAR 14 1956

224 New Customhouse
Denver 2, Colorado

March 7, 1956

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA 3190 (Uranium), Contract Idm-E672, Flat Top Mining Company, McKinley County, New Mexico

Enclosed is the Operator's check in the amount of $75.41 as a refund of overpayment of Government participation under the subject contract.

In lieu of making payment to the Operator in the amount of $100.00, which we instructed you to withhold by our memorandum of June 15, 1955, the amount of Government participation to date will be credited with the Operator's refund of overpayment in the amount of $75.41, as per the following basis of final settlement which is in conformance with the Report of Review of expenditures under the contract by the Contract Administration and Audit Division, dated February 20, 1956:

Basis for Final Settlement

Total accepted costs	$10,371.60
Government participation at 90%.....	9,334.44
Total payments to date.....	9,409.85
Overpayment.....	75.41
Refund of overpayment by Operator....	75.41.

W. M. Traver

Enclosure
JWT:prl
cc: Subject 104 File Reg. III
Secretary, Oper. Comm. (2)
Shaw
Townsend
Corres. file
Chron.

Total Government Participation as shown by General Ledger, after posting C/D No. 14-23-040-100 $75.41, $9334.44
3/8/56 Naomi E. Stokes

HOLLY URANIUM CORPORATION

RECEIVED
MAR 14 1956

340 THIRD ST., NW
ALBUQUERQUE, N. M.
PHONE 2-1828

122 EAST 42nd STREET
NEW YORK 17, N. Y.
MURRAY HILL 7-5354

February 20, 1956

DMEA
Date Rec'd.
FEB 24 1956
BUREAU OF MINES
Denver, Colorado

Mr. W. M. Traver, Executive Officer
DMEA Field Team, Region III
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

Re: Docket DMEA 3190
(Uranium)Contract Idm-E672

Dear Mr. Traver:

The Holly Uranium Corporation is interested in acquiring mining rights to the Flat Top-Vilatie Hyde No. 3 claims from the Flattop Mining Company, a partnership made up of Messers. Richard Vopat, Avis M. Young, R. H. Spencer, Fred M. Heine, and Robert B. McNeely. Before negotiations can be completed it is necessary to know the status of the above DMEA loan.

Holly has been advised by the partners that no discovery of commercial significance was made by the drilling done with the DMEA's assistance.

Any information which you can supply concerning the status of this loan will be greatly appreciated. Thanking you for your consideration in this matter, I am

Yours truly,

Holly Uranium Corp.

Paul E. Melancon

Paul E. Melancon

pem/ms
cc: R. H. Vopat

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

RECEIVED
MAR 14 1956

224 New Customhouse
Denver 2, Colorado

March 7, 1956

Mr. Paul E. Melancon
Molly Uranium Corporation
340 Third Street, N. W.
Albuquerque, N. M.

Re: Docket DMEA 3190 (Uranium)
Contract Idm-E672

Dear Mr. Melancon:

In reference to your letter of February 20, 1956, regarding the status of the DMEA loan under Contract Idm-E672, your letter has been forwarded to the Washington Office, DMEA, for reply to you as to the status of the matter, on which you will undoubtedly hear in the near future.

Very truly yours,

W. M. TRAVER

W. M. Traver
Executive Officer, DMEA
Field Team, Region III

JWT:prl
cc:Chairman, Oper. Comm. (2)
Townsend
Corres. file
Chron.

Scott City, Kansas
March 5, 1956

DMEA
Date Rec'd
MAR 7 1956
BUREAU OF MINES
Denver, Colorado

Mr. W. M. Traver, Executive Officer
DMEA Field Team, Region III
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

Re: Docket DMEA 3190 (Uranium)
Contract Idm-B672

Dear Mr. Traver:

In answer to your letter of February 21, 1956, I am enclosing herewith our check in the amount of $75.41. This check represents total overpayment on our DMEA Contract.

In view of the highly negative results obtained in our drilling program with DMEA assistance we respectfully request a release from our contract.

Will you please mail a copy of this release to Holly Uranium Corporation, 340 Third Street N.W., Albuquerque, New Mexico.

Thanking you, I am

Very truly yours,

FLAT TOP MINING CO.,
By Richard Vopat
Richard Vopat
601 Court St.
Scott City, Kansas

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

RECEIVED
MAR 14 1956

224 New Customhouse
Denver 2, Colorado

March 8, 1956

Memorandum

To: Secretary to the Operating Committee, DMEA

From: DMEA Field Team, Region III

Subject: Docket DMEA 3190 (Uranium), Contract Idm-E672, Flat Top Mining Company, McKinley County, New Mexico

Enclosed are the original and three copies of the final joint engineering and geologic report by members of the Bureau of Mines and Geological Survey pertaining to work completed under the subject contract.

The Operator's final report attached to form MF-104, Operator's Monthly Report and Voucher, for the month of February, 1955, has been accepted as his final report, as you were advised by our memorandum of February 10, 1956.

Final settlement of the account was effected by this office March 7, 1956, upon receipt from the Operator of his check in the amount of $75.41 as a refund of overpayment to him, which is in conformance with the Report of Review of expenditures under the contract by the Contract Administration and Audit Division, dated February 20, 1956.

The exploration work consisted of 8,666 feet of rotary drilling incident to which was 3,900 feet of casing and 2,074 feet of mud drilling, all at a total accepted cost of $10,371.60, in which the Government participated to the extent of 90%, or an amount of $9,334.44.

The exploration work did not result in a discovery or development of uranium ore. Therefore no certification of such is or will be recommended.

W. M. Traver

W. M. Traver

E. N. Harshman

E. N. Harshman

Reviewed by
DMEA OPERATING COMMITTEE
3-19-56
(date)

Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

RECEIVED
MAR 14 1956

Region III

DMEA
Date Rec'd.
FEB 2 1956

BUREAU OF MINES
Denver, Colorado

Building 20
Denver Federal Center
Denver 2, Colorado
February 1, 1956

Memorandum

To: Executive Officer, DMEA Field Team, Region III

From: E. N. Harshman
John F. Shaw

Subject: Final engineering and geologic report, Docket DMEA 3190, Contract Idm E-672, Flat Top Mining Co., McKinley County, New Mexico

Enclosed are the original and 9 copies of a final Joint Engineering and Geologic Report by Glen Walker, Engineer and D. D. Haynes, Geologist covering the work performed under Contract Idm E-672.

The applicant drilled an approved total of 111 dry rotary holes through the limestone ore horizon. Cuttings were collected at 2 foot intervals and tested radiometrically. The holes were probed and 20 samples of cuttings were analyzed chemically. Ore-grade material was not found and the best chemical results indicated only 0.02 percent U_3O_8 in two widely separated holes. The drilling totaled 8,762 feet at a cost of $10,566.50 or $1.205 per foot. These cost figures are subject to audit by the Government.

Further exploration of this property with Government assistance is not warranted.

It is not recommended that a certification of discovery be made.

E. N. Harshman

E. N. Harshman
Member Field Team

John F. Shaw

John F. Shaw
Supervising Mining Engineer

JFS/ch
cc 9
ENHarshman
DMEA 3190
Chron.

Reviewed by
DMEA OPERATING COMMITTEE
3-19-56
(date)

MINERAL DEPOSITS
DMEA
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JAN 6 1956
U. S.
GEOLOGICAL SURVEY
DENVER, COLORADO

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
P. O. BOX 360
GRAND JUNCTION, COLORADO

December 30, 1955

Memorandum

To: Executive Officer, DMEA Field Team, Region III

From: J. William Hasler

Through: E. N. Harshman EN H
J. F. Shaw

Subject: DMEA 3190 (Uranium), contract Idm-E 672, Flat Top Mining Company, Flat Top-Vilatie Hyde claims 1, 2, and 3, McKinley County, N. Mex.

Enclosed are the original and eleven copies of a joint final engineering and geologic report by Glen Walker and D. D. Haynes, covering all exploration completed under the subject contract.

Although no ore-grade material was disclosed by drilling under the project, the subject property must be considered to be a potential ore-bearing area due to its proximity to large ore bodies in the area. Further exploration in the northeast part of Flat Top claim No. 3 and in the center Flat Top claim No. 2 is recommended by Haynes and Walker, but without Government assistance.

No certification of discovery is recommended by Haynes and Walker. I concur with their recommendations.

J. William Hasler
J. William Hasler,
Geologist

DDH/mlr
Enclosures

DMEA OPERATING COMMITTEE
3-19-56
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DOUGLAS McKAY, SECRETARY

MAR 14 1956

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

FINAL ENGINEERING AND GEOLOGIC REPORT

DMEA 3190, Exploration Project Contract Idm-672

Richard Vopat, Contractor

Flat Top Mining Company

McKinley County, New Mexico

Uranium

Glen Walker
Mining Engineer
Bureau of Mines

D. D. Haynes
Geologist
U. S. Geological Survey

January 26, 1956

Reviewed by
DMEA OPERATING COMMITTEE
3-19-56
(date)

DMEA 3190
Contract Idm-E672

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MAR 14 1955

FLAT TOP MINING COMPANY
McKINLEY COUNTY, NEW MEXICO

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2. Map showing structure contours on Todilto Limestone Entrada sandstone contact and locations of holes drilled under DMEA Contract Idm-E672, Flat Top 1, 2 and 3 claims, Richard Vopat et al., McKinley County, New Mexico..... 1

TABLES

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I. Stages I, II, III - Holes, Footage, Mineral Holes, Total Cost, Cost Per Ft. 10

DMEA 3190
Contract Idm-E672

FLAT TOP MINING COMPANY
McKINLEY COUNTY, NEW MEXICO

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MAR 14 1955

FINAL ENGINEERING AND GEOLOGIC REPORT

By

Glen Walker and D. D. Haynes

INTRODUCTION AND SUMMARY

In February 1953, Mr. Richard Vopat (a partnership) made application for Government assistance to explore for uranium on the Flat Top-Vilatie Hyde claims 1, 2 and 3, McKinley County, New Mexico (fig. 1).

The property was examined by R. F. Robinson, U. S. Geological Survey, M. J. Elsing and J. H. Haynes of the U. S. Bureau of Mines on May 4-6, 1953, in company with Mr. Vopat and P. E. Melancon, U. S. A.E.C., on June 2, 1953.

DMEA contract, Idm-E672 was signed May 10, 1954, work was commenced August 31, 1954, and was completed in late February 1955.

The object of the drilling was to explore for uranium ores in the Jurassic Todilto limestone which, on the subject property, is covered by about 50 feet of mostly unconsolidated overburden.

The exploratory work included drilling an approved total of 111 dry rotary holes through the limestone ore horizon. The cuttings, taken at 2 foot intervals, were tested radiometrically; the holes were probed, and 20 samples of cuttings were analyzed chemically. Ore-grade material was not found and the best chemical results showed only 0.02 percent U_3O_8 in two widely separated holes. Therefore, no certification of discovery can be recommended. In view of the discovery made by Four Corners Exploration Company on Flat Top claim No. 4 (DMEA 3151, contract Idm-E671), it seems logical to expect a portion of that large ore body to extend on to the northeast part of Flat Top claim No. 3. A few additional holes along the east side, south of J6 line, (fig. 2) would likely substantiate this assumption.

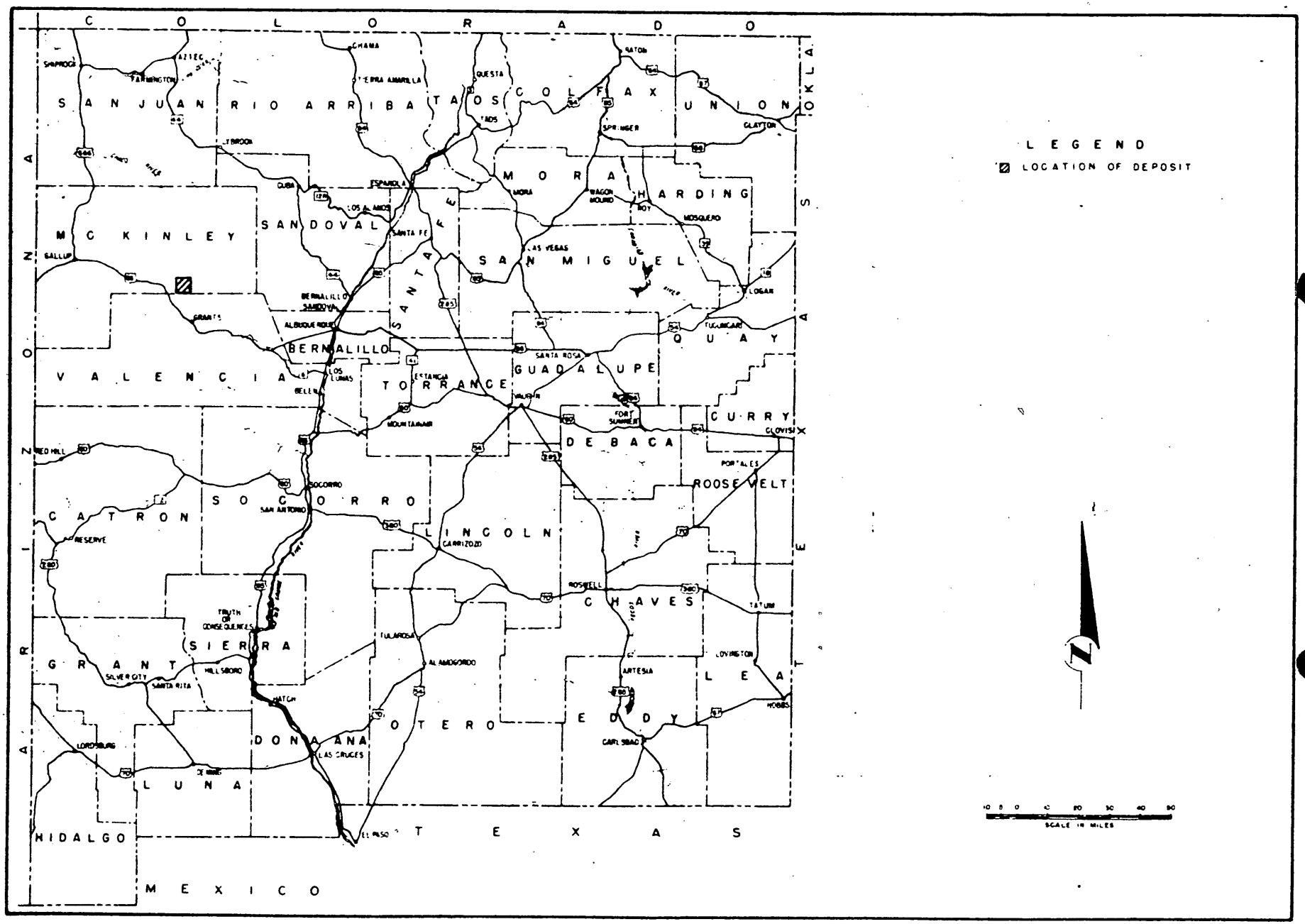

FIGURE 1 - INDEX MAP OF NEW MEXICO SHOWING FLAT TOP 1, 2 AND 3 CLAIMS, MCKINLEY COUNTY, NEW MEXICO.
DMEA 3190, CONTRACT Idm-E672

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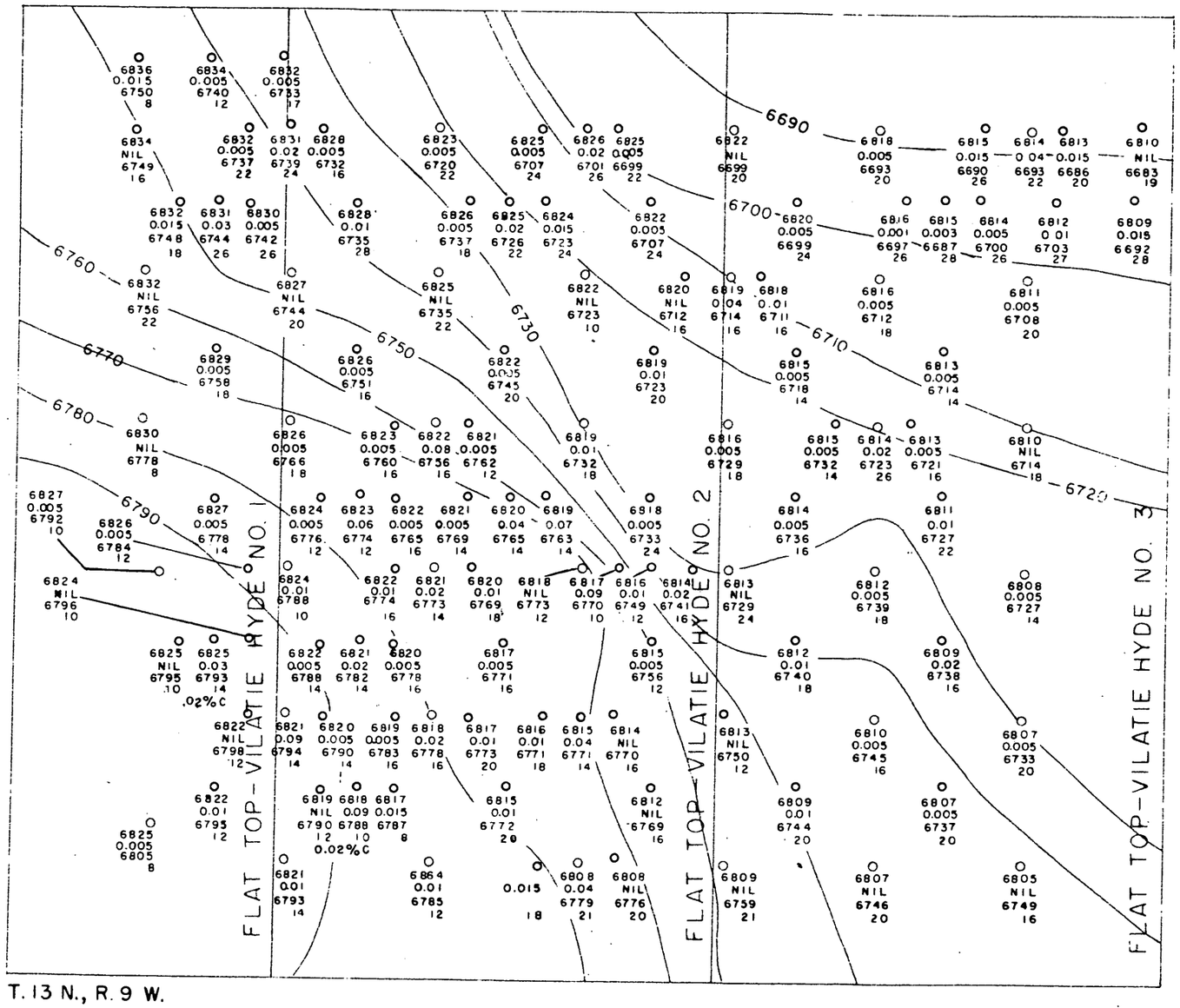
MAR 14 1953

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DEFENSE MINERALS EXPLORATION ADMINISTRATION
DOCKET 3190 DECEMBER 1955

RECEIVED
MAR 14 1956



T. 13 N., R. 9 W.

EXPLANATION

6720	STRUCTURE CONTOUR DRAWN ON TODILTO LIMESTONE-ENTRADA SANDSTONE CONTACT
o	DRILL HOLE
6820	COLLAR ELEVATION
0.01	PERCENT eU_3O_8
6723	ELEVATION TODILTO-ENTRADA CONTACT
22	THICKNESS OF TODILTO LIMESTONE
0.02 % C	CHEMICAL ANALYSIS

N

200 0 400 FEET

STRUCTURE CONTOUR INTERVAL 10 FEET

FIGURE 2. MAP SHOWING STRUCTURE CONTOURS ON TODILTO LIMESTONE-ENTRADA SANDSTONE CONTACT AND LOCATIONS OF HOLES DRILLED UNDER DMEA CONTRACT IDM E-672, FLAT TOP 1, 2, AND 3 CLAIMS, RICHARD VOPAT ET. AL., MCKINLEY COUNTY, NEW MEXICO.

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MAR 14 1956

Near the center of the property there is an apparent local steepening in the dip of the limestone ore horizon that perhaps warrants some closely spaced holes. It is felt that Government participation is not warranted in the additional work suggested because in the event of a discovery the resulting tonnage would probably be very small and possibly could not be mined at a profit.

LOCATION AND ACCESSIBILITY

The Flat Top claims No. 1, No. 2, and No. 3 comprise about 48 acres in the S 1/2 of the SE 1/4 sec. 30, T. 13 N., R. 9 W., New Mexico Principal Meridian, McKinley County, New Mexico. The property is readily accessible from Grants, the nearest rail point, by traveling west about 3-1/2 miles on U. S. Highway 66, thence north on State Highway 53 (San Mateo road) for about 11 miles, thence west about 1/4 mile on the Poison Canyon mine road to section 30. All roads are either paved or graveled and are considered all-weather except after summer cloud burst rains which sometimes do considerable damage.

The surface of the property is practically level and supports only a scant growth of short native grass but no sizeable timber. Water must be hauled from nearby stock reservoirs, and power is available only by use of internal combustion engines. The climate is typical of the southwest, being arid and with great extremes in both precipitation and temperature in winter and summer.

PROPERTY

The contract was concerned with the Flat Top-Vilatie Hyde unpatented claims No. 1, No. 2, and No. 3 in the S 1/2, SE 1/4 section 30, T. 13 N., R. 9 W., New Mexico Principal Meridian. Claim No. 1 is

only a fraction of the normal sized mining claim; none of the claims are 1,500 feet long. They form a rectangular piece of ground containing approximately 48 acres. The contractor was a partnership composed of Richard Vopat, Avis M. Young, R. H. Spencer, Fred M. Heine, and Robert B. McNeely, d.b.a. Flattop Mining Co. They received a quit claim deed to the property from F. O. Manol and wife who retained a 10 percent royalty on all mineral production. Manol had obtained title through a warranty deed from Arthur and Vilatie Hyde, the original locators, who retained a 5 percent royalty on production.

HISTORY

The property has no background of mining history as no production has been made to date.

GEOLOGY

Regional geology

The Grants uranium mining district lies on the north flank of the Zuni Uplift which is believed to be of early Tertiary age. The Zuni Uplift is a broad, elongated, asymmetrical dome about 65 miles long and 40 miles wide, trending in a northwest direction. It appears that this uplift has been particularly instrumental in the structural deformation of the Grants area and produced conditions which led to the localization of uranium ore bodies.1/

1/ Rapaport, Irving, Hadfield, J. P., Olson, Richard H., Jurassic Rocks of the Zuni Uplift, New Mexico: U. S. Atomic Energy Commission, RMO-642, March, 1952.

Local geology

Stratigraphy

RECEIVED MAR 14

The stratigraphic column[2] for the area is given below:

Age	Group	Formation	Type	Thickness
Upper Jurassic	San Rafael	Bluff	ss	220-250
		Summerville	ss, st, sh, ls	0-190
		Todilto	ls	0-30
		Entrada	ss	130-280
		Carmel	st, ss	55-260

On the subject claims the Todilto limestone is the principal uranium-bearing horizon. Erosion has removed most of the Summerville formation, of Jurassic age, and the Todilto limestone is overlain with from 12 to 90 feet of unconsolidated overburden.

Drill hole data show the Todilto that the ranges from 8 to 28 feet in thickness on the subject claims and dips about 9 degrees northeast. In the southwest corner of the claims as much as 8 feet of the Todilto has been removed by erosion. On the northeast part of the claims the full thickness of the Todilto is present as the overlying Summerville formation was cut in many of the drill holes.

The Todilto formation may be subdivided into two sections on a lithologic basis. The upper part is a dark-gray, dense, thinly bedded limestone. The beds are well marked and show small folds or crinkles. The upper part appears to have been recrystallized in the vicinity of the uranium deposits. The lower part is a dark-gray, dense, thick-bedded, limestone containing lenses of calcareous silty sandstone.[3]

2/ Same as footnote 1/. (p. 3)

3/ Rapaport, Irving, Interim report on the ore deposits of the Grants District, New Mexico, U. S. Atomic Energy Commission, RMO-1031, November 1952.

The Entrada sandstone, of Jurassic age, underlies the Todilto formation. It is predominantly a pale reddish-brown to grayish-orange-pink fine- to very fine-grained, crossbedded, cross-laminated sandstone.

The Summerville formation of Jurassic age, which normally overlies the Todilto formation, has been completely removed by erosion from the southwest part of the claims but in the northeast part attains a thickness of about 40 feet. It is composed of reddish-brown siltstone and white, very fine- to fine-grained sandstone. The Summerville formation commonly interfingers with the Todilto limestone and the contact is difficult to determine.

Structure

There are no faults on the subject property but minor jointing, which may be seen in the exposed Entrada sandstone on the north half of section 31, may be present.

A structure contour map (fig. 2) on the Todilto-Entrada contact indicates an apparent local steepening of the dip or a small fold in the center of Flat Top No. 2 claim.

Ore deposits

The Todilto ore deposits in the immediate vicinity of the Flat Top Nos. 1, 2, and 3 claims range in size from a few hundred tons to 40 or 50,000 tons. The majority of the deposits are elongate mineralized masses which have a trend slightly west of north but a few have a random orientation.

The ore deposits occur as long sinuous deposits or as blanket type deposits. The long sinuous deposits may be as much as 4,000 feet

in length and from 25- to- 100-feet in width. The blanket type deposits may be 500 feet long and 300 feet wide. The larger type ore deposits are an exception and the majority are in the 5,000- to-10,000-ton range.

The majority of the ore bodies occur in small anticlinal folds or flexures. Usually these folds are very small and occur in a very large syncline or basin. In places where the folds are very small the ore may also occur in synclines between the folds and some have misinterpreted the ore control to be the larger synclines or basins.

As stated previously the ore may occur in small anticlines and synclines but in the larger structures the ore occurs only in the anticlines.

At present there are no known guides to ore for deposits in the Todilto limestone. Usually the structure containing the ore deposit is no larger than the deposit itself and therefore the presence of a nearby ore deposit is not indicated in drill holes even in the immediate vicinity of a deposit.

Because of the nature of occurrence of the Todilto ore deposits it is necessary to explore the Todilto on a very close spaced grid. Therefore, exploration to date has been confined to areas where drilling depths have been comparatively shallow.

Ore reserves

Although no ore grade material (0.10 percent U_3O_8 or greater 1 foot or more thick) was disclosed by drilling under Contract Idm-E672 the subject property must be considered a potential ore bearing area.

Keeping in mind the very large discovery made by Four Corners Exploration Co. on Flat Top claim No. 4 (DMEA 3151, Contract Idm-E671) it seems logical to assume a portion of that ore body or smaller adjacent ore bodies would extend onto the NE part of Flat Top Claim No. 3. Also, about 200 feet east of the center of Flat Top Claim No. 2 a small structural fold or local steepening of the dip occurs and a few additional holes in this area may disclose a small ore body.

THE PROJECT

A reference to the geologic report of examination indicates that a favorable opinion of the property was based upon observations of deposits uncovered to the south and west. It was assumed that structural conditions similar to those observed would prevail on the subject ground.

The program originally proposed by the applicant is a bit hazy from available information; it appears the figure in the original application was $19,000 but the application was amended to include 532 holes costing $37,139.93. The DMEA examining team recommended drilling 196 dry Stage I holes totaling 13,790 feet on a 100 feet grid and 132 Stage II or "fill in" holes 10- to- 25-feet from Stage I mineralized holes. It was estimated this project would cost $19,141. The DMEA field team recommended a project including 42 Stage I holes on a 200 feet grid; 30 or less Stage II holes at locations acceptable to DMEA; 48 Stage III offset holes at intervals of 40 feet. No hole was to be closer than 200 feet from the outer boundaries. The estimated cost of this proposal was $7,560. The contract finally written stipulates that 119 dry rotary holes totaling 8,925 feet were to be drilled at an estimated cost of $8,032.52. The program outlined

in the contract set up the project in three stages; Stage I consisted of 41 holes on a 200-foot grid pattern; Stage II consisted of 30 holes drilled no closer than 50 feet to previous holes; and Stage III consisted of 48 holes drilled as in Stage II.

Amendment No. 1 to the contract authorized the use of 5,950 feet of casing at $0.50 per foot, thereby increasing the total cost of the project from $8,032.52 to $11,007.50. The reason for this modification to the contract was to provide an expenditure for the prevention of caving in the unconsolidated overburden. Amendments No. 2, 3, and 4 made changes in the life of the contract.

Work under the DMEA contract started August 31, 1954, and was finished in the latter part of February 1955. During this time 111 holes totaling 8,762 feet were approved and drilled through the Jurassic Todilto limestone. The Operator drilled 8 holes, at locations proposed for Stage I holes, prior to signing the DMEA contract; therefore, only 33 Stage I holes, totaling 2,816 feet, were drilled under the contract. Considerable difficulty was experienced, during this early stage, with caving of the holes when bentonitic mud was used as a circulating medium. It was necessary to adopt the use of casing in drilling the balance of the holes. During Stage I eleven holes encountered material that radiometrically showed 0.02 percent eU_3O_8 or over; however, no ore-grade material was found.

Stage II, consisting of 30 holes, totaling 2,250 feet, was completed during October 1954. Eight of the holes were mineralized and showed eU_3O_8 content from 0.02 percent to 0.09 percent.

Under Stage III 48 holes were drilled totaling 3,696 feet. Four of the holes cut mineralized material containing over 0.02 percent eU_3O_8 but no ore was discovered. This fact appears rather remarkable in view of the large Todilto deposit found on the adjoining property along the northeast border of the subject land. Ore holes on the east side of the property line were offset 65 feet to the west by two holes that were barren, indicating an apparent sharp lateral cutoff of Todilto deposits.

All of the holes drilled under this contract were radiometrically probed by the USGS whose results closely correspond with the operator's. There were also 20 samples from 19 holes submitted for chemical analysis, none of which showed ore grade material, in fact only 2 samples assayed as much as 0.02 percent U_3O_8.

EXPLOITATION POSSIBILITIES

Recoverable reserves of ore were not found hence there are no exploitation possibilities.

SUMMARY OF FACTUAL DATA

Work under the contract consisted of drilling 111 dry rotary holes totaling 8,762 feet at an approved cost of $10,566.50 or $1.205 per foot. The cost figures are subject to audit by the government. The government's share of the total cost is 90 percent or $9,509.85.

The principal factor affecting the cost per foot was the excessive caving of the blow-sand overburden. Bentonitic slurry was used on the adjoining property with some success but on these claims, in most places, immediately above the limestone a coarse loose sand was encountered that could not be supported by bentonite. It was, therefore, necessary to use casing while sampling the limestone ore horizon. This

procedure hindered the progress of the work to the extent of the time consumed in setting and recovering the casing. Normally, weather permitting, the drill was operated 10 hours per day but it is felt 2 eight-hour shifts would have proved more efficient. Some drilling time was lost in December and January due to inclement weather.

The equipment used on the project was furnished by a sub-contractor.

CONCLUSIONS

All the work under the government contract was performed by a sub-contractor who did everything; even to writing the monthly narrative reports. Therefore, an opinion as to the abilities of the operator was difficult to obtain. The project in general was handled in a satisfactory manner.

Although no ore-grade material was disclosed by drilling under Contract Idm-E672, the subject property must be considered to be a potential ore bearing area. Further exploration in the NE part of Flat Top Claim No. 3 and in the center of Flat Top Claim No. 2 is desirable, but without Government assistance.

Annex

Table I

Stage	Holes	Footage	Mineral Holes	Total Cost	Cost per ft.
I	33	2816	11	$ 3,156.60	$ 1.12
II	30	2250	8	2,775.00	1.23
III	48	3696	4	4,634.90	1.25
Totals	111	8762	23	$10,566.50	$ 1.205

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

RECEIVED
FEB 23 1956

224 New Customhouse
Denver 2, Colorado

CERTIFIED MAIL

February 21, 1956

Mr. Richard Vopat
601 Court Street
Scott City, Kansas

Re: Docket DMEA 3190 (Uranium)
Contract Idm-2672

Dear Mr Vopat:

On review of contract expenditures we find on processing your form MF-104 report for the month of February, 1955, that you were reimbursed for 90% of the costs of 96 feet of rotary drilling and 217 feet of casing in excess of that approved in the contract for Stage III work.

There follows an analysis of Stage III charges as provided by the Contract Administration and Audit Division in their review of expenditures under the contract:

Stage III

Claimed by Operator:		
3696 feet of Rotary drilling at 90¢ per foot	$3,326.40	
Allowed by contract:		
3600 feet of rotary drilling at 90¢ per foot	3,240.00	
Excess charged		$ 86.40
Claimed by Operator:		
2617 feet of casing at 50¢ per foot	1,308.50	
Allowed by contract:		
2400 feet of casing at 50¢ per foot	1,200.00	
Excess charged		108.50
Total excess charged		$ 194.90
Government participation at 90%		175.41
Amount withheld from February voucher		100.00
Total overpayment		$ 75.41

We will appreciate receiving your check in refund of the overpayment in the amount of $75.41, receipt of which will then enable us to close our files on this account.

Very truly yours,

W. M. TREVER

W. M. Trever
Executive Officer, DRBA
Field Team, Region III

JWT:prl
cc: Chairman, Oper. Comm. (2)
Finance Office, Region III
Marshman
Shaw (2)
Hasler
Townsend
Corres. file
Chron.

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

RECEIVED
FEB 23 1956

224 New Customhouse
Denver 2, Colorado

February 17, 1956

Memorandum

To: T. N. Brading, Auditor

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA 3190 (Uranium), Contract Idm-E672, Flattop Mining Company, McKinley County, New Mexico

Reference is made to your memorandum of February 17, 1956, with attached letter, dated February 15, 1956, from J. L. Chambers, Chief, Contract Administration and Audit Division, and prior correspondence in the matter of allowability of charges for drilling under the subject contract.

After a complete review of the matter, we concede to the decision rendered by Mr. Chambers. Therefore, disallowance should be made for all drilling footages in excess to that authorized by the contract for the various individual stages of the work.

W. M. Trever

W. M. Trever

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

FEB 15 1956

Mr. Thomas H. Brading
DMEA Auditor
224 New Customhouse Building
Denver 2, Colorado

Re: Flat Top Mining Company
Contract Idm-E672
Docket No. DMEA-3190

Dear Mr. Brading:

Reference is made to your letter of February 8, 1956, referring to your letter of July 27, 1955, and Mr. Talbert's reply of August 1, 1955.

The contract under consideration appears to allow a different interpretation of its stages than the ordinary contract would appear to allow because the stages call for a certain number of feet of work to be done at the same price per foot for all three stages. If Mr. Traver would think of this project as having different allowances per foot, it would be more easily understood. In a unit cost contract of this nature the total number of units, the total cost per unit, and the total amount of money for each stage and item are allowable maximums. The records show that this project was at one time understood to have maximums on each stage, as a disallowance of an excess of footage was made in Stage II. (See Mr. Traver's report to the former Executive Officer dated November 17, 1954.)

In brief answer to your inquiry the only way that the Government can pay for the excess footages in Stage III is for the field office to submit an amendment properly justified to increase the footage in Stage III.

This matter has been discussed with the top officials of this Administration who are in agreement with the audit ruling.

Sincerely yours,

(Signed) J. L. Chambers

Jay L. Chambers, Chief
Contract Administration
and Audit Division

JLChambers/wb
February 15, 1956

Copy to: Docket
Admr. Reading File
Mr. Chambers

R.G.L.

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

RECEIVED
FEB 13 1956

February 10, 1956

224 New Customhouse
Denver 2, Colorado

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA 3190 (Uranium) Contract Idm-E672, Flattop Mining Company, McKinley County, New Mexico

In reference to "The Special Notice" instructions contained in the "Minutes, Operating Committee" No. 622 dated January 27, 1956, the operator's narrative report attached to "Form MF-104, Operator's Monthly Report and Voucher" for the month of February, 1955 has been accepted as his final report.

A Report of Review of contract expenditures by the Contract Administration and Audit Division is in process and final payment to the Operator has not been made.

W. M. Traver

W. M. Traver

Talbert

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

AUG - 1 1955

Mr. Thomas H. Brading
DMEA Auditor
224 New Customhouse Building
Denver 2, Colorado

Re: Flat Top Mining Company
Contract Idm-E672
Docket No. DMEA-3190

Dear Mr. Brading:

Reference is made to your letter of July 27, 1955, relative to settlement of the subject Exploration Project Contract.

It appears that this Division's policy in regard to the question contained in your letter was established by Mr. Chambers' letter to Mr. Turner under date of January 28, 1955. Copies of this letter were furnished all auditors for their guidance and instruction. The opinions expressed therein had the approval of the DMEA Operating Committee.

The penultimate paragraph of this letter states:

"In the case of the short-form contract all the elements of an item are maximums and substitutions of one item for another cannot be made except by an amendment to the contract, unless the description of the work in Exhibit A provides otherwise."

In the subject contract and the amendment the several items and stages are not modified, either under the description of work or the estimates of costs, by descriptive terms such as "approximately" or "about". Accordingly, the footages indicated under each item and stage must be considered maximums.

Sincerely yours,

(Signed) E. D. Talbert

E. D. Talbert, Acting Chief
Contract Administration
and Audit Division

EDTalbert/wb
August 1, 1955

Copy to: Docket
Admr. Reading File
Mr. Chambers

R.G.G.

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 7 1955

224 New Customhouse
Denver 2, Colorado

February 3, 1955

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA 3190 (Uranium), Contract Idm-E672, Richard Vopat et al., dba Flattop Mining Co., McKinley County, New Mexico

Enclosed are the original and two copies of Amendment No. 4 to Contract Idm-E672 which cancels Amendment No. 3, extends the period for completion of the project work from December 10, 1954 to April 1, 1955, and extends the period for repayment to the Government from 10 years to 11 years. The latter correction was made to conform with information contained in your letter of January 24, 1955, to which was attached a memorandum from the Acting Assistant Solicitor, DMEA. Also enclosed are three copies of the operator's letter requesting an extension of the completion period.

Copies of the amendment have been given to the operator, the Finance Office, Region III, and a copy has been retained for our files.

W. M. Traver

W. M. Traver

Enclosures

RECEIVED
MAR 1 1955
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

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

224 New Customhouse
Denver 2, Colorado

January 26, 1955

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA 3190 (Uranium), Contract Idm-E672, Richard Vopat, et al, Flat-Top-Vilatie Hyde Claims Nos. 1, 2 and 3, McKinley County, New Mexico

Reference is made to your letter of January 24, 1955, forwarding copies of Mr. Hofflund's memorandum of January 19 regarding a deficiency in the purpose of Amendment No. 3 executed by this office.

Amendment No. 4 will be executed by this office to correct the deficiency in Amendment No. 3.

W. M. Traver

W. M. Traver

urname copy

700

Ching
Ellis
Selfridge
Fellman
Mittendorf

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

JAN 24 1955

Mr. W. M. Traver
Executive Officer
DMEA Field Team, Region III
22k New Customhouse Building
Denver 2, Colorado

Re: Docket No. DMEA-3190 (Uranium)
Contract No. Idm-E672
Richard Vopat, et al
Flat Top-Vilatis Hyde Claims
Nos. 1, 2 and 3
McKinley County, New Mexico

Dear Mr. Traver:

For your information and in connection with Amendment No. 3, dated December 29, 1954, executed in Region IV and transmitted to Washington with Mr.King's memorandum of December 29, 1954, we are forwarding copies of Mr. Hofflund's memorandum of January 19, 1955, which is self-explanatory.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (JHB)

Enclosures

APPROVED:

J. H. Hedges
Member, Bureau of Mines (JHB)

Thor H. Kiilsgaard
Member, Geological Survey (JHB)

MChing/gla
1-20-55
cc to: Admr.'s Reading File
Operating Committee
Docket
Messrs. J. E. Crawford, Rm. 3641
T. H. Kiilsgaard, Rm. 5224
J. O. Hosted, Rm. 3210, GSA
Code 700
Mr. Ching

R.C.S.

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

January 24, 1955

Memorandum

To: Miss Curtin, Statistics and Control Division

From: Hazel Berry, Operating Committee

Subject: Amendment to Contract

By 657

Attached is the following docket copy of an amendment to a contract which has been reviewed and approved by the Commodity Division, Contract Administration and Audit Division, and the Legal Division. The official docket is also attached.

Flattop Mining Co., DMEA-3190, Idm-E672, Amendment No. 3.

Attachment 1

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF THE SOLICITOR
WASHINGTON 25, D. C.

JAN 19 1955.

Memorandum

To: The Administrator, DMEA
Attention: E. W. Ellis

From: Acting Assistant Solicitor, Defense Minerals

Subject: Docket DMEA 3190 (Uranium), Contract Idm-E672, Flattop Mining Co., McKinley County, New Mexico

We have reviewed Amendment No. 3 to the subject contract, executed by Mr. King.

The purposes of the amendment are to extend the time for completion of the work and to extend the period for the payment of royalty. However, it has not accomplished the latter purpose. Amendment No. 1 cancelled Annex I attached to the contract and substituted an Annex II (in lieu of the royalty article) attached to said Amendment. Therefore, the reference in Amendment No. 3 to the Amendment of Annex I, which was previously cancelled, is a nullity.

Accordingly, at the first opportunity to amend the contract, the extension of the period for the payment of royalty should be properly done.

J. L. Hofflund
Acting Assistant Solicitor,
Defense Minerals

Rutw

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF THE SOLICITOR
WASHINGTON 25, D. C.

JAN 19 1955

Memorandum

To: The Administrator, DMEA
Attention: E. W. Ellis

From: Acting Assistant Solicitor, Defense Minerals

Subject: Docket DMEA 3190 (Uranium), Contract Idm-E672, Flattop Mining Co., McKinley County, New Mexico

We have reviewed Amendment No. 3 to the subject contract, executed by Mr. King.

The purposes of the amendment are to extend the time for completion of the work and to extend the period for the payment of royalty. However, it has not accomplished the latter purpose. Amendment No. 1 cancelled Annex I attached to the contract and substituted an Annex II (in lieu of the royalty article) attached to said Amendment. Therefore, the reference in Amendment No. 3 to the Amendment of Annex I, which was previously cancelled, is a nullity.

Accordingly, at the first opportunity to amend the contract, the extension of the period for the payment of royalty should be properly done.

J. L. Hofflund

J. L. Hofflund
Acting Assistant Solicitor,
Defense Minerals

HCRubin:gjb 1/18/55

Copy to: DMEA Docket
Solicitor's Docket
E. W. Ellis
H. C. Rubin
J. L. Hofflund
Chron. File

Scott City, Kansas
January 15, 1955

OFFICE OF REPORTS
Rocky Mountain Operation
JAN 17 1955

Mr. W. H. King
Executive Officer
DMEA Field Team, Region IV
224 New Customhouse
Denver 2, Colorado

Re: Docket No. 3190 (Uranium)
Contract Idm-2092

Dear Mr. King:

I have been advised by Mr. F. O. Manol of the Four Corners Exploration Company of Grants, New Mexico, that they will be unable to complete Stage 3 of our drilling program this month.

We have completed the first half of our Stage 3 drilling and stopped work to consider asking for a Stage 4. However we have decided to go ahead and complete Stage 3 as originally planned.

The weather has been very unfavorable for wet drilling and Mr. Manol thinks that weather conditions will be much better after February 1st. Also Mr. Manol is busy getting out year end reports etc. and is unable to give our drilling program the attention he feels he should.

We would like therefore to have at least another thirty (30) days extension on the completion date of our contract.

Very truly yours,

Richard Vopat

Richard Vopat
601 Court St.
Scott City, Kansas

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

224 New Customhouse
Denver 2, Colorado

December 29, 1954

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region IV

Subject: Docket DMEA 3190 (Uranium), Contract Idm-E672, Flattop Mining Co., McKinley County, New Mexico

Enclosed are the original and two copies of Amendment No. 3 to Contract Idm-E672 which has been executed to extend the period for completion of the project work to prior to February 1, 1955 and extends the period for repayment of the amount of Government participation from 10 years to 11 years. Also enclosed are three copies of the operator's letter requesting the amendment for extension of the completion period.

Copies of the amendment have been given to the operator, the Finance Office, Region IV, and a copy has been retained for our files.

W. H. King

Encls.

RECEIVED
JAN 11 1955
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

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

224 New Customhouse
Denver 2, Colorado

December 7, 1954

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region IV

Subject: Docket DMEA 3190 (Uranium), Contract Idm-E672, Flattop Mining Company, McKinley County, New Mexico

Enclosed are three copies of work authorization, dated December 1, 1954, for the performance of certain work under Contract Idm-E672. Also enclosed are four sets of data relative thereto.

W. H. King

Enclosures

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

224 New Customhouse
Denver 2, Colorado

December 1, 1954

Mr. Richard Vopat, Agent
Flattop Mining Company
601 Court Street
Scott City, Kansas

Re: Docket DMEA 3190 (Uranium)
Contract Idm-E672

Dear Mr. Vopat:

Confirming approval for the performance of Stage III drilling by telegram to Frank O. Manol, dated December 1, 1954, and consistent with the stipulations contained in EXHIBIT "A", caption "Description of the Work", subheading "Stage III" of Contract Idm-E672, you are hereby authorized to perform drilling under said Stage III of the contract.

The locations of holes to be drilled are shown on the map Figure 1, entitled "Sketch Map of the Flat Top-Vilatie Hyde Nos. 1-3 Claims, Richard Vopat, et. al., Showing Location of Stage 1 and 2 Drill Holes and Proposed Drill Holes for Stage 3, McKinley County, New Mexico" which is attached hereto and made a part of this work authorization.

The drilling under Stage III will be performed in accordance with all specifications in Contract Idm-E672 pertaining thereto.

Nothing in this work authority shall be construed to increase the total estimated cost of the project, the amount of the Government's contribution, or any item of allowable cost which is expressly designated "allowable maximum".

Very truly yours,

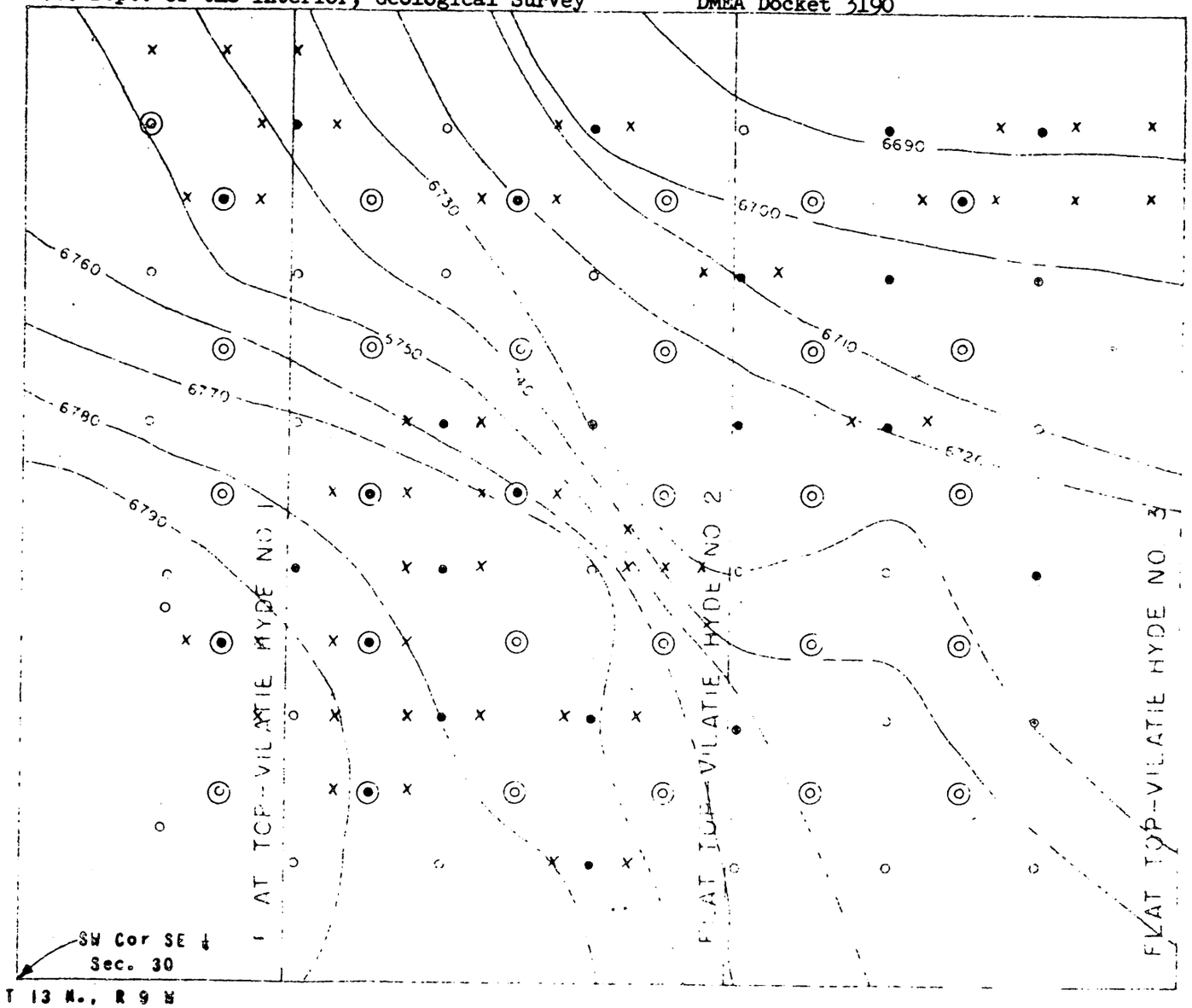
W H King
W. H. King

for E. N. Haushman
A. N. Koschmann

DMEA Field Team, Region IV

JWT:jp
cc Subject w/enc
Amendment
Chron
Christensen
Chairman, Op. Comm. (3) w/enc
Koschmann w/enc
Brokaw "
Traver "
Townsend "

U.S. Dept. of the Interior, Geological Survey DMEA Docket 3190



EXPLANATION

- ● STAGE 1 DRILL HOLE COMPLETED SHOWING A SIGNIFICANT IN HOLE GAMMA-RAY ANOMALY
- ○ STAGE 1 DRILL HOLE, COMPLETED
- ◉ STAGE 2 DRILL HOLE COMPLETED SHOWING A SIGNIFICANT IN HOLE GAMMA-RAY ANOMALY
- ◎ STAGE 2 DRILL HOLE COMPLETED
- X STAGE 3 DRILL HOLE, PROPOSED LOCATION

N

200 0 400 FEET

CONTOUR INTERVAL 10 FEET

CONTOURS ON TOP OF ENTRADA CONTACT

Figure 1. SKETCH MAP OF THE FLAT TOP-VILATIE HYDE NOS. 1-3 CLAIMS, RICHARD VOPAT, ET. AL., SHOWING LOCATION OF STAGE 1 AND 2 DRILL HOLES AND PROPOSED DRILL HOLES FOR STAGE 3, McKINLEY COUNTY, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
November 29, 1954

Memorandum

To: Chief, Mineral Resources Branch, Mining Division, Region IV

From: H. M. Connors

Subject: DMMA 3190, Contract I4n-E672 (Uranium) Flattop Mining Company (Flat Top-Filatis Ryde claims Nos. 1, 2, and 3) McKinley County, New Mexico - Recommendation for Stage III of the contract

Stage II of the subject contract was completed during October 1954. A total of 30 holes were drilled under Stage II, totaling 2,304 feet.

From the results of the work completed under the first and second stages of the contract, it now appears that chances are less than favorable for finding ore deposits of substantial size; however, there is yet the possibility that some ore bodies are present of smaller size.

Further exploration appears to be justified and the plan for Stage III drilling as submitted by the operator is recommended. The location of these holes is shown on figure 1 of Hilpert's report dated November 13, 1954. The hole coordinates are shown on the map submitted by the operator.

It is recommended that Stage III of the contract, consisting of 48 holes and an aggregate footage of not more than 3,600 feet, be approved and the operator notified to proceed with the work.

M. H. Salsbury
For
H. M. Connors
Mining Engineer

cc 8
E672
DMMA Chron.

HMC/pah

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Defense Minerals Exploration Administration
Denver Federal Center
Denver 2, Colorado

November 26, 1954

Memorandum

To: DMEA Field Team, Region IV

From: A. H. Koschmann

Subject: DMEA Docket 3190, Contract Idm-2872, Richard Vogel, et al, results of stage 2 drilling and proposed stage 3 drilling

Transmitted herewith are 10 copies of an interim memorandum report by Lowell S. Hilpert on the above subject DMEA project.

Mr. Hilpert gives 3 reasons for recommending approval of Stage 3 drilling, two of which cannot be considered as objectives of a DMEA program of exploration. However, it appears probable that some ore may be discovered by additional drilling and thus Stage 3 exploration is warranted.

E. M. Hauskman
for A. H. Koschmann
Supervising Geologist
Colorado-Wyoming

Enclosures (10)

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
P. O. BOX 360
COLORADO PLATEAU DISTRICT
GRAND JUNCTION, COLORADO

November 22, 1954

Memorandum

To: A. H. Koschmann, Supervising Geologist, DMEA Field Team, Region IV

From: Arnold L. Brokaw, District Supervisor

Subject: DMEA 3190, contract Idm-E 672, Richard Vopat, et al, results of stage 2 drilling and proposed stage 3 drilling.

Transmitted herewith are 10 copies of an interim memorandum report by Lowell S. Hilpert, covering the above-referenced DMEA project.

Although this project has been unsuccessful in the first two stages in finding ore-grade material, Hilpert recommends that stage 3 drilling be completed because the spacing of the holes already completed in stages 1 and 2 are such that ore bodies can exist between the completed holes.

Locations of proposed drill holes in stage 3 are shown on the attached map.

W P Williams
For Arnold L. Brokaw

WPW/mlr

Enclosures

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
COLORADO PLATEAU DISTRICT

Grants, New Mexico
November 13, 1954

Memorandum

To: A. L. Brokaw, District Supervisor

From: L. S. Hilpert

Subject: DMEA 3190, Richard Vopat, et al., results of stage 2 drilling and proposed stage 3 drilling

Stage 2 drilling has been completed on the Flat Top-Vilatie Hyde claims Nos. 1-3, DMEA docket 3190, contract No. Idm-E 672, Richard Vopat, et al.

For stage 2, 30 holes were drilled, each one located at the center of each of the 30 squares whose corners were defined by the holes drilled under stage 1 (see map). The primary purpose of this pattern was to get more detailed information on the contour of the Todilto-Entrada contact before attempting to find the ore bodies. The detailed reasoning for this plan was presented in the memorandum of October 8, 1954, from Hilpert to Brokaw.

Of the 30 holes drilled under stage 2, only one was completely negative in response to the gamma-ray probe. The other 29 showed anomalies that ranged from 0.005 to 0.09 percent eU_3O_8. These values may be about twice as great as the actual U_3O_8 values they represent, as was the case on the adjoining Flat Top claims Nos. 4 and 5 of Four Corners Exploration Company. Of the 29 holes that registered anomalies, only 8 are likely to have much significance as far as being in the proximity to ore is concerned. These 8 holes each register maximum anomalies of 0.02 percent eU_3O_8 in the lower part of the Todilto limestone, where exprerience has shown the anomalies are most significant.

Stage 2 drilling has indicated the structure of the Todilto-Entrada contact is essentially the same as found by stage 1 drilling. In only one place near the center of the claim area, the contact steepens, which may indicate a structure the operators consider favorable for ore.

From the work that has been done, it now appears that chances are less than favorable for finding ore deposits of substantial size on these claims, although there is yet the possibility that some ore bodies are present that will have tonnages within the range of about 1,500 to 3,000 tons each. Although it now seems unlikely that the Government can expect to be completely repaid for its share of the cost for the exploration from the expected discoveries, I believe it is still to the Government's interest that the stage 3 drilling be completed, for the following reasons:

1. The information obtained will assist materially in determining the size, grade, trend, habits, and distribution of the deposits in the Todilto limestone. This information will be of great value in determining the type and extent of DMEA assistance that should be given on adjoining properties, and in appraising the total resources of the district and region.

2. It will provide the opportunity for the Government to make a detailed experimental in-hole gamma-ray study.

3. It will likely result in the discovery of some ore and, perhaps, as much as several thousand tons.

Vopat, of course, is still hopeful that a substantial tonnage of ore will be discovered under stage 3 drilling. Even though it might be, more drilling will be required before any discoveries can be outlined and sampled adequately for mining. Vopat realizes this and still believes the risk is good enough on his part to desire that stage 3 drilling be done. Accordingly, the following plan of drilling for the 48 holes permitted under stage 3 has been formulated and has my approval:

1. The 19 holes drilled under stages 1 and 2 that have the most significant in-hole anomalies be offset by holes 50 feet on either side. These 38 proposed holes are located along east-west trending lines planned to intersect the general northward trend of the known deposits in adjoining ground (see attached map).

2. Three proposed holes shown in the north end of the Flat Top-Vilatie Hyde No. 1 claim and three proposed holes shown near the northeastern corner of the Flat Top-Vilatie Hyde No. 3 claim are planned to intersect the projected extension of nearby ore bodies on adjacent properties.

3. Four proposed drill holes shown in the center of the claim group are planned to search for ore on the steep part of the Todilto-Entrada contact.

Proposed Stage 3 Drill Holes, DMEA 190, Contract Idm-E672

s now proposed that in Stage 3 the better anomalys of the first two stages
Also several holes are proposed to investigate structure possibilities.
l holes are proposed to approach known ore bodies on adjoining lands to
d east.

map has been prepared which is attached to this file showing all drilling re-
ts to date and showing proposed Stage 3 drilling locations.

While Stages 1 and 2 have resulted in no penetration of ore grade mineralization it is not at all safe to predict that these claims are negative. All drilling so far has been done strictly on pattern and no offsets on anomalys or for structure reasons have yet been made. The only safe deduction which can be made at present is that no tremendously large ore bodies such as was found on Flat Top 4 will be found. However there most certainly is ample room for several normal sized ore bodies (1,500 to 5,000 tons) between the holes drilled to date and in our opinion Stage 3 drilling should be carried on to completion.

No chemical assays seem necessary at this time on the basis of showings to date. We prefer to reserve budgeted assays for confirmation of actual discovery.

This narrative report is prepared by Mr. F. O. Manol of the Four Corners Exploration Company at the request of the writer. Any additional information which may be required will be gladly furnished.

Very truly yours,

Richard Vopat
601 Court St.
Scott City, Kansas

PROPOSED THIRD STAGE DRILLING LOCATIONS
DALA #3190 CONTRACT IDM E-672

No.	HOLE NO.	REASON FOR SELECTION OF SITE
1	L.6-1.75	Proximity to known ore holes on north
2	L.6-2.75	" " " " " " "
3	L.6-3.75	" " " " " " "
4-*	K.6-3.25	To offset probe anomaly
5-*	K.6-4.25	" " " "
6-*	K.6-7.25	" " " "
7-*	K.6-8.25	" " " "
8-*	K.6-13.25	" " " "
9-*	K.6-14.25	" " " "
10-*	K.6-15.25	Proximity to known adjoining ore holes on east
11	J.6-2.25	To offset probe anomaly
12	J.6-3.25	" " " "
13	J.6-6.25	" " " "
14	J.6-7.25	" " " "
15	J.6-12.25	" " " "
16	J.6-13.25	" " " "
17	J.6-14.25	" " " "
18-*	J.6-15.25	Proximity to known adjoining ore on east
19-*	I.6-9.25	To offset probe anomaly
20-*	I.6-10.25	" " " "
21-*	G.6-5.25	" " " "
22-*	G.6-6.25	" " " "
23-*	G.6-11.25	" " " "
24-*	G.6-12.25	" " " "
25-*	F.6-4.25	" " " "
26-*	F.6-5.25	" " " "
27	F.6-6.25	" " " "
28	F.6-7.25	" " " "
29-*	F.1-8.25	To investigate structurally favorable area
30-*	E.6-8.25	" " " " "
31-*	E.6-8.75	" " " " "
32-*	E.6-9.25	" " " " "
33	E.6-5.25	To offset probe anomaly
34	E.6-6.25	" " " "
35	D.6-2.25	" " " "
36	D.6-3.25	" " " "
37	D.6-4.25	" " " "
38	D.6-5.25	" " " "
39	C.6-3.25	" " " "
40	C.6-4.25	" " " "
41	C.6-5.25	" " " "
42	C.6-6.25	" " " "
43	C.6-7.25	" " " "
44	C.6-8.25	" " " "
45-*	B.6-4.25	" " " "
46-*	B.6-5.25	" " " "
47-*	A.6-7.25	" " " "
48-*	A.6-8.25	" " " "

*--Preferred drilling locations

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
November 29, 1954

Memorandum

To: Chief, Mineral Resources Branch, Mining Division, Region IV

From: H. M. Connors

Subject: DMEA 3190, Contract Idm-2672 (Uranium) Flattop Mining Company (Flat Top-Viletie Hyde claims Nos. 1, 2, and 3) McKinley County, New Mexico - Recommendation for Stage III of the contract

Stage II of the subject contract was completed during October 1954. A total of 30 holes were drilled under Stage II, totaling 2,304 feet.

From the results of the work completed under the first and second stages of the contract, it now appears that chances are less than favorable for finding ore deposits of substantial size; however, there is yet the possibility that some ore bodies are present of smaller size.

Further exploration appears to be justified and the plan for Stage III drilling as submitted by the operator is recommended. The location of these holes is shown on figure 1 of Hilpert's report dated November 13, 1954. The hole coordinates are shown on the map submitted by the operator.

It is recommended that Stage III of the contract, consisting of 48 holes and an aggregate footage of not more than 3,600 feet, be approved and the operator notified to proceed with the work.

M. H. Lakbury
for H. M. Connors
Mining Engineer

cc S
2672
DMEA Chron.

HMC/pah

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Defense Minerals Exploration Administration
Denver Federal Center
Denver 2, Colorado

November 26, 1954

Memorandum

To: DMEA Field Team, Region IV

From: A. M. Keuchmann

Subject: DMEA Docket 3190, Contract 1dm-5872, Richard Vogel, et al, results of stage 2 drilling and proposed stage 3 drilling

Transmitted herewith are 10 copies of an interim memorandum report by Lowell S. Hilpert on the above subject DMEA project.

Mr. Hilpert gives 3 reasons for recommending approval of Stage 3 drilling, two of which cannot be considered as objectives of a DMEA program of exploration. However, it appears probable that some ore may be discovered by additional drilling and thus Stage 3 exploration is warranted.

E. M. Heuchman
for A. M. Keuchmann
Supervising Geologist
Colorado-Wyoming

Enclosures (10)

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
P. O. BOX 360
COLORADO PLATEAU DISTRICT
GRAND JUNCTION, COLORADO

November 22, 1954

Memorandum

To: A. H. Koschmann, Supervising Geologist, DMEA Field Team, Region IV

From: Arnold L. Brokaw, District Supervisor

Subject: DMEA 3190, contract Idm-E 672, Richard Vopat, et al, results of stage 2 drilling and proposed stage 3 drilling.

Transmitted herewith are 10 copies of an interim memorandum report by Lowell S. Hilpert, covering the above-referenced DMEA project.

Although this project has been unsuccessful in the first two stages in finding ore-grade material, Hilpert recommends that stage 3 drilling be completed because the spacing of the holes already completed in stages 1 and 2 are such that ore bodies can exist between the completed holes.

Locations of proposed drill holes in stage 3 are shown on the attached map.

W P Williams
For Arnold L. Brokaw

WPW/mlr

Enclosures

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
COLORADO PLATEAU DISTRICT

Grants, New Mexico
November 13, 1954

Memorandum

To: A. L. Brokaw, District Supervisor

From: L. S. Hilpert

Subject: DMEA 3190, Richard Vopat, et al., results of stage 2 drilling and proposed stage 3 drilling

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3. Four proposed drill holes shown in the center of the claim group are planned to search for ore on the steep part of the Todilto-Entrada contact.

Proposed Stage 3 Drill Holes, DMEA 190, Contract Idm-E672

It is now proposed that in Stage 3 the better anomalys of the first two stages be offset. Also several holes are proposed to investigate structure possibilities. Also several holes are proposed to approach known ore bodies on adjoining lands to the north and east.

A map has been prepared which is attached to this file showing all drilling results to date and showing proposed Stage 3 drilling locations.

While Stages 1 and 2 have resulted in no penetration of ore grade mineralization it is not at all safe to predict that these claims are negative. All drilling so far has been done strictly on pattern and no offsets on anomalys or for structure reasons have yet been made. The only safe deduction which can be made at present is that no tremendously large ore bodies such as was found on Flat Top 4 will be found. However there most certainly is ample room for several normal sized ore bodies (1,500 to 5,000 tons) between the holes drilled to date and in our opinion Stage 3 drilling should be carried on to completion.

No chemical assays seem necessary at this time on the basis of showings to date. We prefer to reserve budgeted assays for confirmation of actual discovery.

This narrative report is prepared by Mr. F. O. Hasol of the Four Corners Exploration Company at the request of the writer. Any additional information which may be required will be gladly furnished.

Very truly yours,

Richard Vopat
601 Court St.
Scott City, Kansas

PROPOSED THIRD STAGE DRILLING LOCATIONS
DMEA #3190 CONTRACT IDM E-672

No.	HOLE NO.	REASON FOR SELECTION OF SITE
1	L.6-1.75	Proximity to known ore holes on north
2	L.6-2.75	" " " " " " "
3	L.6-3.75	" " " " " " "
4-*	K.6-3.25	To offset probe anomaly
5-*	K.6-4.25	" " " "
6-*	K.6-7.25	" " " "
7-*	K.6-8.25	" " " "
8-*	K.6-13.25	" " " "
9-*	K.6-14.25	" " " "
10-*	K.6-15.25	Proximity to known adjoining ore holes on east
11	J.6-2.25	To offset probe anomaly
12	J.6-3.25	" " " "
13	J.6-6.25	" " " "
14	J.6-7.25	" " " "
15	J.6-12.25	" " " "
16	J.6-13.25	" " " "
17	J.6-14.25	" " " "
18-*	J.6-15.25	Proximity to known adjoining ore on east
19-*	I.6-9.25	To offset probe anomaly
20-*	I.6-10.25	" " " "
21-*	G.6-5.25	" " " "
22-*	G.6-6.25	" " " "
23-*	G.6-11.25	" " " "
24-*	G.6-12.25	" " " "
25-*	F.6-4.25	" " " "
26-*	F.6-5.25	" " " "
27	F.6-6.25	" " " "
28	F.6-7.25	" " " "
29-*	F.1-8.25	To investigate structurally favorable area
30-*	E.6-8.25	" " " " "
31-*	E.6-8.75	" " " " "
32-*	E.6-9.25	" " " " "
33	E.6-5.25	To offset probe anomaly
34	E.6-6.25	" " " "
35	D.6-2.25	" " " "
36	D.6-3.25	" " " "
37	D.6-4.25	" " " "
38	D.6-5.25	" " " "
39	C.6-3.25	" " " "
40	C.6-4.25	" " " "
41	C.6-5.25	" " " "
42	C.6-6.25	" " " "
43	C.6-7.25	" " " "
44	C.6-8.25	" " " "
45-*	B.6-4.25	" " " "
46-*	B.6-5.25	" " " "
47-*	A.6-7.25	" " " "
48-*	A.6-8.25	" " " "

*--Preferred drilling locations

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

OCT 21 1954

224 New Customhouse
Denver 2, Colorado

October 20, 1954

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region IV

Subject: Docket DMEA 3190 (Uranium), Contract Idm-E672, Flattop Mining Company, McKinley County, New Mexico

Enclosed are three copies of work authorization, dated October 18, 1954, for the performance of certain work under Contract Idm-E672. Also enclosed are three sets of data relevant thereto.

W. H. King

W. H. King

Enclosures

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

224 New Customhouse
Denver 2, Colorado

October 18, 1954

Mr. Richard Vopat,
Agent of a partnership dba
Flattop Mining Company
601 Court Street
Scott City, Kansas

Re: Docket DMEA 3190 (Uranium)
Contract Idm-E672

Dear Mr. Vopat:

Consistent with the stipulations contained in Exhibit "A", caption "Description of the Work", subheading "Stage 2" of Contract Idm-E672, and confirming verbal approval of October 4, 1954, the drilling under "Stage 2" will be performed at the locations indicated by the symbol "x" on the map titled "Map Showing Drill Holes Completed in Stage 1 and Proposed Locations of Holes in Stage 2, DMEA Contract Idm-E672, Richard Vopat, et. al., Grants District, McKinley County, New Mexico" which is attached to and made a part of this approval. The drilling under "Stage 2" will be performed in conformance with all specifications in Contract Idm-E672 pertaining thereto.

Nothing in this work authority shall be construed to increase the estimated total cost of the project, the amount of the Government's contribution, or any item of allowable cost which is expressly designated "allowable maximum".

Very truly yours,

W H King
W. H. King

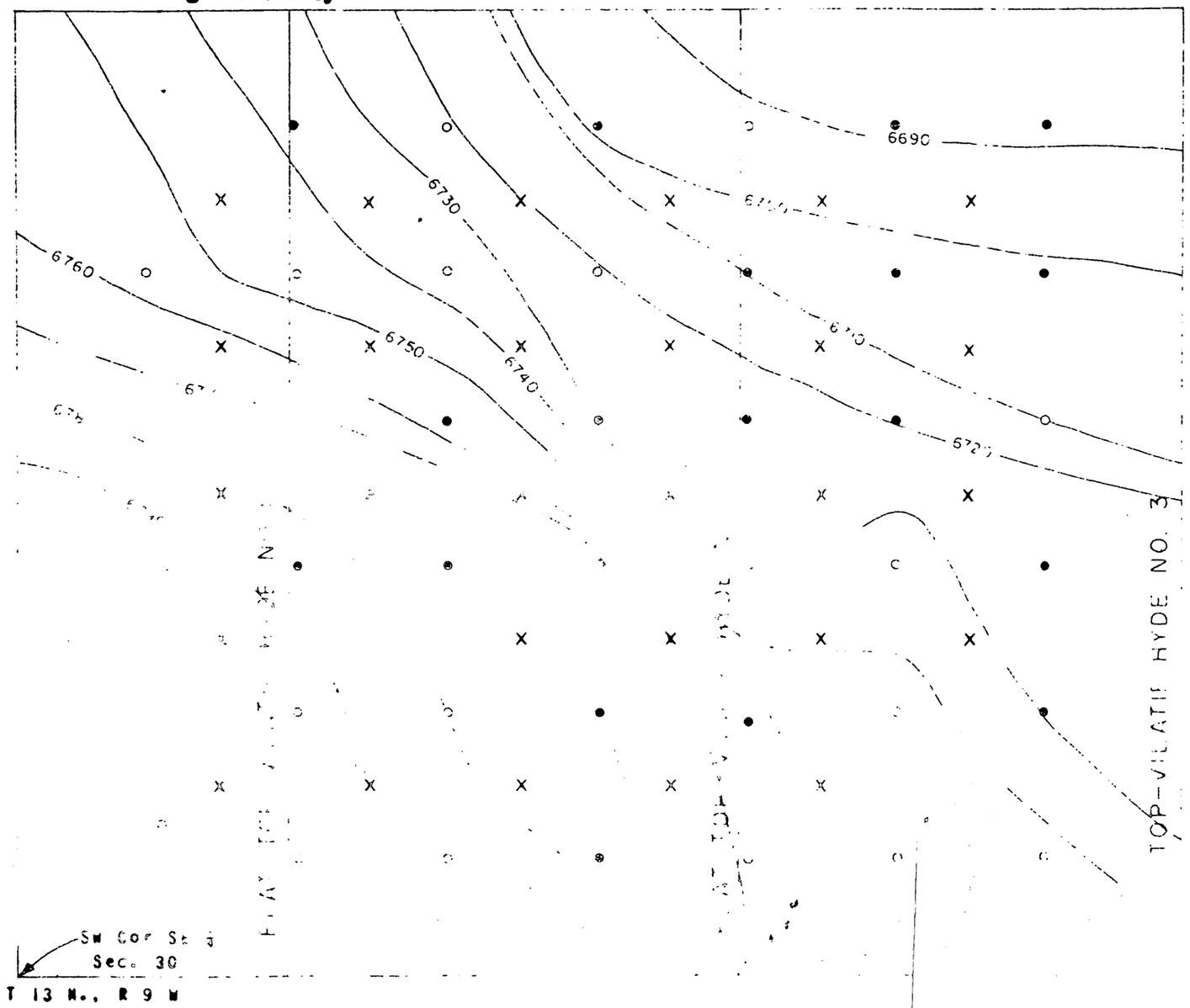
for E. M. Hawkman
A. H. Koschmann

DMEA Field Team, Region IV

JWT:jp
cc Subject
Amendment
Chron
TAChristensen w/enc
AHKoschmann "
ALBrokaw "
WMTraver "
JWTownsend "
Chairman, Op. Comm. (3) w/enc
Irving Rappaport, P.O.Box 101, Grants, N.M.

U.S. Department of the Interior
Geological Survey

Defense Minerals Exploration Administration
Docket 3190



EXPLANATION

● STAGE 1 DRILL HOLE COMPLETED, SHOWING SIGNIFICANT RADIOMETRIC ANOMALY

○ STAGE 1 DRILL HOLE COMPLETED

X STAGE 2 DRILL HOLE, PROPOSED LOCATION

N

200 400 FEET

MAP SHOWING DRILL HOLES COMPLETED IN STAGE 1 AND PROPOSED STAGE 2 DRILLING, GRANTS, NEW MEXICO

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
COLORADO PLATEAU DISTRICT
P. O. BOX 360
GRAND JUNCTION, COLORADO

OCT 21 1954

October 8, 1954

Memorandum

To: A. H. Koschmann, DMEA Field Team, Region IV E.M.H. for A.H.K.

From: Arnold L. Brokaw, District Supervisor

Subject: DMEA 3190, Richard Vopat, et al., McKinley County, New Mex.

Transmitted herewith are eleven copies of a memo report by L. S. Hilpert, USGS, covering the above-referenced DMEA project.

In his memo report Hilpert states that although first-stage drilling in the project, which has now been completed, was not successful in finding mineralized material of ore grade, the results obtained were favorable enough to warrant drilling 30 additonal holes in stage 2 of the contract. The proposed locations of drill holes for stage 2 are shown on an attached map.

W P Williams
For Arnold L. Brokaw

WPW/mlr

Enclosures

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
COLORADO PLATEAU DISTRICT
P. O. BOX 360
GRAND JUNCTION, COLORADO

October 8, 1954

Memorandum

To: A. L. Brokaw, District Supervisor

From: L. S. Hilpert

Subject: DMEA 3190, Richard Vopat, et al., results of stage 1 drilling and proposed stage 2 drilling

Stage 1 drilling has been completed on the Flat Top-Vilatie Hyde claims Nos. 1-3, DMEA docket 3190, contract No. Idm-E672, Richard Vopat, et al. All 41 holes located under the original plan have been completed, of which eight were drilled at the owners' expense prior to the start of work under contract Idm-E672. The remaining 33 holes were drilled under the contract (see attached map).

All 41 holes penetrated the Todilto limestone, which ranges from 8 to 26 feet in thickness within the area drilled. This thickness is great enough to contain substantial ore bodies and it compares favorably with the thicknesses in adjoining areas where ore has been found. Ore deposits have been discovered on all four sides of these three claims, which should make the Vopat property even more favorable for ore discovery than it was at the time of the DMEA application.

LSH/mlr

Of the 41 holes drilled, radiometric anomalies were registered in 24, of which 18 may be in the proximity of ore (see map). No chemical assays of the cuttings from any of the holes have been determined, but the equivalent U_3O_8 values seem to be fairly reliable. The highest reading obtained was 0.08 percent eU_3O_8 (hole No. G-6-5.75), which is less than the ore-grade cutoff of 0.10 percent U_3O_8. The holes that registered the 18 more significant anomalies are shown on the attached map.

For stage 2, Richard Vopat (who represents the group that holds the Flat Top-Vilatie Hyde claims Nos. 1-3) proposes drilling each of the 30 holes permitted under this stage at the center of each of the 30 squares whose corners are defined by the holes drilled under stage 1 (see map). The primary reason for this pattern is to get more detailed information on the contour of the Todilto-Entrada contact before attempting to find the ore bodies. These are the reasons why this information justifies taking this approach.

1. Within the general vicinity of the Flat Top-Vilatie Hyde claims, the general information now available suggests that most of the known ore bodies are related to fault or fold structures that are reflected along the Todilto-Entrada contact.
2. Although these structures are small--seldom having a throw or closure of more than a few feet--they are a larger target than the ore deposits themselves.

3. Although most everyone in the Grants area believes the ore deposits have haloes of low-grade material, they also agree that such haloes are not present in every instance and that low-grade anomalies are oftentimes merely anomalies and not related to, or contiguous with, values that lead to ore.
4. Known ore deposits within the vicinity of the Flat Top-Vilatie Hyde claims are small. The average size has an areal dimension of about 30 feet by 150 feet and is about 6 feet thick.
5. The trends of the long axes of the known deposits are still too few in number and erratic to be more than merely suggestive of any predominant trend.

Drilling, therefore, in stage 2 to search for ore deposits by the guidance mostly of the low-grade anomalies could result in the expenditure of considerable drill-hole footage for any ore discovery made. Vopat's plan will postpone the actual search for ore bodies, but stands a reasonable chance of providing structural information that will narrow the search for the most favorable ground. This could result in making more efficient and effective use of the stage 3 drilling. It will also provide valuable geologic information for appraising the uranium resources of the district.

I, therefore, endorse Vopat's plan of drilling.

LSH/mlr

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

September 9, 1954

Memorandum

To: Hazel Berry, Operating Committee

From: Grace L. Ault, Rare & Misc.Metals Division

Subject: Approval of amendment

Amendment No. 2, dated September 3, 1954, to Contract No. Idm-E672, Docket No. DMEA-3190, Richard Vopat, et al, executed by the Operator and the Executive Officer, Region IV, has been reviewed and approved by Mr. Ching.

Grace L. Ault

Grace L. Ault

RECEIVED
SEP 17 1954
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

224 New Customhouse
Denver 2, Colorado

WASHINGTON 25, D. C.

September 3, 1954

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region IV

Subject: Docket DMEA 3190 (Uranium), Contract Idm-E672, Flattop Mining Company, Flattop-Vilatie Hyde Claims No. 1, 2 and 3, McKinley County, New Mexico

Enclosed are the original and two copies of Amendment No. 2 to Contract Idm-E672 which has been executed to extend the period for start of the project work to prior to September 20, 1954 and extend the period for completion of the project work to prior to December 10, 1954. Also enclosed are three copies of the operator's letter requesting the amendment.

Copies of the amendment have been given to the operator, the Fiscal Officer, Region IV, and a copy has been retained for our files.

W. H. King

Enclosures

RECEIVED
SEP 17 1954
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

C O P Y

Scott City, Kansas
August 2, 1954

Mr. W. H. King
Executive Officer
DMEA Field Team, Region IV
224 New Customhouse
Denver 2, Colorado

Re: Docket No. 3190
Contract IDM-E-672

Dear Mr. King:

Pursuant to the long distance telephone call with you this forenoon, August 2nd., I am enclosing herewith signed copies of the Amendment to our Contract IDM-E-672.

The Four Corners Exploration Company of Grants, New Mexico, have advised me that it will be September 20th. before they can start on our drilling program. Therefore we would like to have an extension on our Starting date to September 20th. 1954. If possible we will try to secure the services of another drilling contractor in the Grants area to do the First Stage of our exploration project.

As soon as I receive the signed copies of Owner's Consent to Lien which I sent to Mr. F. O. Manel, Grants, New Mexico for signatures I will forward them to you.

Very truly yours,

/s/ Richard Vopat
601 Court St.
Scott City, Kansas

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

224 New Customhouse
Denver 2, Colorado

September 3, 1954

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region IV

Subject: Docket DMEA 3190 (Uranium), Contract Idm-E672, Flattop Mining Company, Flattop-Vilatie Hyde Claims No. 1, 2 and 3, McKinley County, New Mexico

Enclosed are the Government, Division, and Docket copies of Amendment No. 1 to Contract Idm-E672 which was prepared in Washington and signed by the Administrator, DMEA, for the Government, and forwarded by your letter of July 12, 1954 for signature by the operator.

A new Royalty Annex was added and in conjunction therewith new Owner's Consent to Lien forms were forwarded from the Washington office for signature by the owners. In process of having the new Owner's Consent to Lien forms signed by the owners the forms prepared by the Washington office were lost and it was necessary to prepare a new set which was done on the form revised July 1, 1954 in lieu of the older form supplied by you.

Relative to the new Owner's Consent to Lien forms, you requested that, if alive, Arthur W. Hyde should sign the new form. In that regard, Mrs. Vilatie W. Hyde does not want her husband, Arthur W. Hyde, to sign the original Owner's Consent to Lien as he has deeded his interest in the property to her. A copy of the Quitclaim Deed is attached. Therefore, we have not attempted to obtain Arthur W. Hyde's signature on the new Owner's Consent to Lien.

Copies of the amendment have been given to the operator, the Finance Office, Region IV, and a copy has been retained for our files.

W. H. King

Enclosures

Surname 700

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

Ching
Ellis
Talbot
Ryan
Selfridge
Hoffman

JUL 12 1954

Mr. W. H. King
Executive Officer
DMEA Field Team, Region IV
224 New Customhouse Building
Denver 2, Colorado

Re: Docket No. DMEA-3190 (Uranium)
Contract No. Idm-E672
Flat Top-Vilatie Hyde Claims
Nos. 1, 2 and 3
McKinley County, New Mexico

Dear Mr. King:

In connection with your teletype of June 18 and memorandum of June 24, 1954, regarding the subject project, there are enclosed the original and five copies of a proposed Amendment No. 1 executed by the Administrator.

As a new royalty annex has been added and the agreed estimated total cost of the project has been increased, it is necessary to obtain a new Owner's Consent to Lien on the attached forms. In this connection it is noted that Arthur W. Hyde did not sign the Owner's Consent to Lien attached to the contract. If alive, he should sign the new one.

While Amendment No. 1 is made up for the signature of all five partners, in view of the Power of Attorney, dated May 18, 1954, granted Richard Vopat, latter's signature alone will be sufficient.

The amendment does not include an extension of the starting date inasmuch as the 90 days requested appeared excessive when added to the 60 days already allowed. It occurred to us that the Operator may have meant an extension from 60 days to 90 days. Therefore, will you kindly draw up an Amendment No. 2 to cover whatever extension is actually required.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (GCS)

Enclosures (6)

APPROVED:

J. H. Hedges

Member, Bureau of Mines (JHB)

Philip W. Guild

Member, Geological Survey (PWG)

MChing/am
7-1-54

cc to: Admr. Reading File
Operating Committee
Docket
Messrs. A.P.Butler, Jr., Rm.3212, GSA
J.O.Hosted, Rm.3210, GSA
H.D.Keiser, Rm.3641
Code 700
Mr. Ching

R.C.B.

UNITED STATES 140
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

June 30, 1954

Memorandum

To: The Administrator
Through: Mr. E. W. Ellis

From: Acting Assistant Solicitor

Subject: Richard Vopat, et al., doing business as Flattop Mining Company, Docket No. DMEA-3190 (Uranium) Contract Idm-E672

Attached is Amendment No. 1 to the subject contract in satisfactory legal form for execution.

The Operator is a lessee, and the Owner's Consent to Lien in this case is on the old form. Therefore, as we have added a new royalty annex and increased the agreed estimated total cost of the project, the Operator should be required to obtain a new Owner's Consent to Lien on the forms which we have attached for this purpose.

It is noted that Arthur Hyde did not sign the Owner's Consent to Lien attached to the contract. If alive, he should sign the new one.

J. L. Hofflund

~~For~~ J. L. Hofflund
Acting Assistant Solicitor

Attachments 12

File C
Surna

140

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

N.S. in A.A.

June 30, 1954

Memorandum

To: The Administrator
Through: Mr. E. W. Ellis

From: Acting Assistant Solicitor

Subject: Richard Vopat, et al., doing business as Flattop Mining Company, Docket No. DMEA-3190 (Uranium) Contract Idm-E672

Attached is Amendment No. 1 to the subject contract in satisfactory legal form for execution.

The Operator is a lessee, and the Owner's Consent to Lien in this case is on the old form. Therefore, as we have added a new royalty annex and increased the agreed estimated total cost of the project, the Operator should be required to obtain a new Owner's Consent to Lien on the forms which we have attached for this purpose.

It is noted that Arthur Hyde did not sign the Owner's Consent to Lien attached to the contract. If alive, he should sign the new one.

J. L. Hofflund

~~For~~ J. L. Hofflund
Acting Assistant Solicitor

Attachments 12

HCRubin:ep

Copy to: Docket
Mr. Ellis (2)
Mr. Hofflund
Mr. Rubin
Chron.

UNITED STATES 140
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

June 30, 1954

Memorandum

To: The Administrator
Through: Mr. E. W. Ellis

From: Acting Assistant Solicitor

Subject: Richard Vopat, et al., doing business as Flattop Mining Company, Docket No. DMEA-3190 (Uranium) Contract Idm-E672

Attached is Amendment No. 1 to the subject contract in satisfactory legal form for execution.

The Operator is a lessee, and the Owner's Consent to Lien in this case is on the old form. Therefore, as we have added a new royalty annex and increased the agreed estimated total cost of the project, the Operator should be required to obtain a new Owner's Consent to Lien on the forms which we have attached for this purpose.

It is noted that Arthur Hyde did not sign the Owner's Consent to Lien attached to the contract. If alive, he should sign the new one.

J. L. Hofflund
~~For~~ J. L. Hofflund
Acting Assistant Solicitor

Attachments 12

Surname
Docket file

700

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

Ching
Ellis

June 28, 1954

Memorandum

To: Acting Assistant Solicitor

From: Ernest Wm. Ellis, Chief
Rare and Miscellaneous Metals Division

Subject: Amendment of Contract
Docket No. DMEA-3190 (Uranium)
Contract No. Idm-E672
Flat Top-Vilatie Hyde Claims Nos. 1, 2 and 3
McKinley County, New Mexico

The attached memorandum, dated June 24, 1954, to the Chairman, Operating Committee from the Executive Officer, Region IV, with accompanying correspondence, is in answer to our teletype of June 23 regarding the subject project. The information submitted appears to furnish us with the necessary justification for amendment of the contract as requested. If you agree that these facts constitute a legal basis for amending the contract, it is requested that you draw up such an amendment along the lines recommended by the Executive Officer.

Please refer to Contract Idm-E671 and Amendment No. 1, dated June 25, 1954, attached herewith.

Ernest Wm. Ellis
Ernest Wm. Ellis

MChing/gla
cc to: Docket file
Mr. Ching
Code 700 contract file

DMEA
File Copy
Surname

Martin
Hofflund
Ching
Ellis
Jarrabee
Hedges
Selfridge
Gessner
Rubin

JUN 23 1954

140

DMEA

H. C. Rubin

2917

DMEA - Department of the Interior
14X4401)01) Revolving Fund, Defense Production Act (Interior)
(Allocated Working Fund to the Office of the Secretary)

W. H. King, Executive Officer, DMEA Field Team, Region IV
224 New Customhouse Building, Denver, Colorado

Reurtt June 18 Docket 3190 Richard Vopat et al.

Agreed unit costs of drilling include all costs of work.

See page 8 of Circular 21. If casing necessary to perform work properly, Operator must absorb all expense of it, unless you can furnish us with facts that constitute legal basis for amending contract, that is, was casing considered original. Have physical conditions been encountered which require changed method of performing work?

George C. Selfridge

George C. Selfridge (24B)
Chairman, Operating Committee

HCRubin:ep 6-22-54

Copy to: Confirmation
Docket
Admr. Reading File
Operating Committee
Mr. A. P. Butler, Jr. Rm 3212, GSA
Mr. J. O. Hosted, Rm. 5210
Mr. H. D. Keiser, Rm 3641
Mr. Ellis
Mr. Ching

Mr. Hofflund
Mr. Rubin
Audits
Chron.
Pending

Rch.

Mr. C. O. Mittendorf
June 18, 1954
(unattended service)

Bureau of Mines Administration
RECEIVED
JUN 21 1954

DN 235 BUREAU MINES 6-18-54 3-46 PM

C O MITTENDORF

REFERENCE DOCKTXXXX DOCKET DMEA 3190, CONTRACT IDM-E672, VOPAT, YOUNG, PXXX SPENCER, HEINE, AND MCNEELY, DBA FLATTOP MINING COMPANY. HAVE OPERATOR S REQUEST FOR AUTHORIZATION OF ADDITIONAL FUNDS IN THE AMOUNT OF $2975.00 TO PROVIDE FOR CASING OF HOLES TO THE TOP OF THE TODILTO KXXX LIMESTONE WHICH IS DEEMED NECESSARY AND IS PROVIDED FOR ~~WNE~~ UNDER CONTRACT IDM E671 ON ADJOINING PROPERTY. PREPARATION OF AMENDMENT IS WITHIN THE AUTHORITY DELEGATED TO THIS OFFIEXXX OFFICE, HOWEVER WE ARE IN DOUBT AS TO LEGALITY OF ADDING ADDITIONAL FUNDS AT 90 PERCENT GOVERNMENT PARTICIPATION WHEN THE APPLICANT S REQUEST IS DATED JUNE 16,1954. PLEASE TELETYPE ADVICE AS TO HOW WE SHOULD PROCEED IN THE MATTER, EXPEDITING YOUR DECISION AS MUCH AS POSSIBLE.

W H KING

Denver, Colo.

JUN 21 8 44 AM '54
BUREAU OF MINES
MAIL ROOM
WASHINGTON, D.C.

3

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

224 New Customhouse
Denver 2, Colorado

June 24, 1954

Airmail
Special Delivery

Memorandum

To: George C. Selfridge, Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region IV

Subject: Docket DMEA 3190 (Uranium), Contract Idm-E672, Vopat, Young, Spencer, Heine and McNeely, dba Flattop Mining Company, McKinley County, New Mexico

Reference is made to matter discussed in our teletype to the Administrator, DMEA, of June 18, 1954, and your teletype reply of June 23, 1954.

Docket 3190, originally Docket 2897, on which Contract Idm-E672 was prepared, was examined in May 1953. Docket 3151, on adjoining property, on which Contract Idm-E671 was prepared, was examined in February 1954.

At the time Docket 2897, now Docket 3190, was examined, neither the applicant nor the examining team considered the necessity of casing the holes to the top of the Todilto limestone in order to obtain undiluted samples of the cuttings from the limestone.

However, in the interim between the field examination of Dockets 2897 and 3151 it was found from experience in drilling by the A.E.C., U.S.G.S., and the Anaconda and Santa Fe Companies, that casing or consolidation of the material above the limestone was necessary in order to obtain undiluted samples of the limestone. Therefore, that provision was incorporated in Contract Idm-E671 which is concerned with ground adjoining that concerned in Contract Idm-E672.

Contract Idm-E672, although a later Contract than Idm-E671, was in process in rough draft form several months before Contract Idm-E671, and the necessity for casing, as later developed, was inadvertently overlooked when Contract Idm-E671 was prepared in final form.

For more complete information for you in the matter of casing or consolidating the material above the limestone, in conjunction with Contracts Idm-E671 and 672, we are enclosing the following material:

1. Original and three copies of the operator's letter of June 16, 1954 requesting the amendment to Contract Idm-E672 for inclusion of the casing or consolidation provision and a 90 day extension of the starting period.

2. One copy of Amendment No. 1 to Contract Idm-E671, and supporting data thereto, an amendment which is now in process under authority delegated to this office, to provide an alternate to casing the holes through consolidation of material above the limestone by wet drilling and use of aquagel in the drilling solution.

It appears to be in the interests of the Government, and we strongly recommend, that Contract Idm-E672 be amended to provide for casing or consolidation of the holes above the limestone and a 90 day extension of the starting period as requested by the operator. We further recommend that the amendment relative to the casing or consolidation be prepared in a manner similar to the provisions incorporated in Contract Idm-E671 as amended by Amendment No. 1. If your decision in this matter is favorable we further recommend that the amendment be prepared in Washington to eliminate as much delay in the matter as possible.

We have made no commitments to the operator in the matter. However, please teletype advice as to your decision so that we may inform the operator accordingly.

W H King

W. H. King

Enclosures

Mining Division
Date Rec'd
JUN 18 1954
BUREAU OF MINES
Denver, Colorado

Grants, New Mexico
June 16, 1954

Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

Re: Docket No. 3190
Contract IDM-E-672

Attention: Mr. W. H. King

Gentlemen:

Pursuant to the long distance telephone call of 2 P.M. June 16th. between one of your staff members and Mr. Manol of Four Corners Exploration Company. We are herewith asking that the subject contract be amended to include the following additional costs:

Casing, or mud sealing with water and Aquagel, all drill holes from the surface to the top of ore bearing todilto limestone:

Stage #1; 41 holes, casing, 2050 feet @ .50		$1,025.00
Stage #2; 30 holes, casing, 1500 feet @ .50		750.00
Stage #3; 48 holes, casing, 2400 feet @ .50		1,200.00
	Additional Cost	$2,975.00

Where practical it is suggested that in lieu of casing, authorization be granted for the sealing of unconsolidated overburden by the use of Aquagel and mud to the top of the Todilto limestone at the increased rate of .30¢ per foot. This second method will result in a saving of .20¢ per foot as compared to the use of casing.

Also we here request that the subject contract be allowed a 90 day extension on the starting date to take care of the matters covered by this letter.

We want to call to your attention that the methods suggested herein have precedent in DMEA Contract, IDM-E-671. This contract is on adjoining property having similar drilling conditions as those on our contract.

We have found that it is becoming progressively more difficult to obtain the services of a drilling contractor in the Grants area, because so many lease holders there are now engaged in exploration, so we would like to plead for the greatest amount of haste in the procurement of approval to the amendments suggested herein.

Very truly yours,

Richard Kopot

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

June 14, 1954

Memorandum

To: Hazel Berry, Operating Committee

From: Grace L. Ault, Rare & Miscellaneous Metals Division

Subject: Region IV contract

Mr. Ching reviewed and approved Contract No. Idm-E672, dated March 10, 1954, Docket No. DMEA-3190, Richard Vopat, et al, which was finalized under Region IV delegation of authority.

I am attaching the original of a memorandum from Mr. King under date of June 8, 1954, with the original signed copy of a Power of Attorney, for attachment to the Docket copy of the contract which you are holding. Copies of these attachments are being forwarded to the Contract Administration and Audit Division for attachment to the Government Copy of the contract. The third copy of the Power of Attorney has been retained for the Division copy.

Grace L. Ault

Grace L. Ault

cc to: Contract Adm. and Audit Division
with attachments

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

224 New Customhouse
Denver 2, Colorado

June 8, 1954

Memorandum

To: C. O. Mittendorf, Administrator, DMEA

From: Executive Officer, DMEA Field Team, Region IV

Subject: Docket DMEA 3190 (Uranium), Contract Idm-E672, Richard Vopat, Avis M. Young, R. H. Spencer, Fred M. Heine, Robert B. McNeely, dba Flattop Mining Company, McKinley County, New Mexico

Enclosed for your records are the original and two copies of a Power of Attorney executed by Avis M. Young, R. H. Spencer, Fred W. Heine, and Robert B. McNeely, in favor of Richard Vopat to conduct affairs under Contract Idm-E672.

A copy of the Power of Attorney has been given to the Finance Office, Region IV, and a copy retained for our files.

W. H. King

W. H. King

Enclosures

POWER OF ATTORNEY

We, the undersigned, members of a partnership consisting of Richard Vopat, Avis M. Young, R. H. Spencer, Fred W. Heine, and Robert B. McNeely, do hereby appoint Richard Vopat, to act as the agent of said partnership in all matters connected with the United States Department of the Interior, Defense Minerals Exploration Administration, DMEA Docket 3190, Contract Idm-E672, and in behalf of said partnership to submit to the Government all necessary reports and information required under said contract, and said agent is authorized to receive individually, and receipt for, any monies that are now or may hereafter become due to said partnership by reason of said contract Idm-E672.

DATED this 18th day of May, 1954.

Avis M. Young
Avis M. Young

R. H. Spencer
R. H. Spencer

Fred W. Heine
Fred W. Heine

Robert B. McNeely
Robert B. McNeely

STATE OF KANSAS, COUNTY OF SCOTT, ss:

BE IT REMEMBERED, that on this 26th day of May, 1954, before me, the undersigned, a notary public in and for the county and state aforesaid, came AVIS M. YOUNG who is personally known to me to be the same person who executed the foregoing instrument of writing, and such person duly acknowledged the execution of the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal, the day and year last above written.

F O Coker
Notary Public

(SEAL)

My com. exp., 1-31-55

STATE OF KANSAS, COUNTY OF SCOTT, ss:

BE IT REMEMBERED, That on this 26th day of May, 1954, before me, the undersigned, a notary public in and for the County and State aforesaid, came R. H, SPENCER, who is personally known to me to be the same person who executed the foregoing instrument of writing, and such person duly acknowledged the execution of the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal, the day and year last above written.

G O Coker
Notary Public

(SEAL)

My commission expires, 1-31-55

STATE OF KANSAS, COUNTY OF RUSSELL, ss:

BE IT REMEMBERED, That on this 21st day of May, 1954, before me, the undersigned, a notary public in and for the county and state aforesaid, came FRED W. HEINE, who is personally known to me to be the same person who executed the foregoing instrument of writing, and such person duly acknowledged the execution of the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal, the day and year last above written.

Charley A. Heinze
Notary Public

(SEAL)

My commission expires, 3/13/57

STATE OF KANSAS, COUNTY OF SEDGWICK, ss:

BE IT REMEMBERED, That on this 25 day of May, 1954, before me, the undersigned, a notary public in and for the county and state aforesaid, came ROBERT B. McNEELY, who is personally known to me to be the same person who executed the foregoing instrument of writing, and such person duly acknowledged the execution of the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal, the day and year last above written.

Nadine Buellesfeld
Notary Public

(SEAL)

My commission expires, Feb. 26, 1955

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

Defense Minerals Administration
RECEIVED
MAY 1 8 1954

224 New Customhouse
Denver 2, Colorado

May 12, 1954

REGISTERED

Memorandum

To: C. O. Mittendorf, Administrator, DMEA

From: Executive Officer, DMEA Field Team, Region IV

Subject: Docket DMEA 3190 (Uranium), Contract Idm-E672, Richard Vopat, Avis M. Young, R. H. Spencer, Fred M. Heine, Robert B. McNeely, DBA Flattop Mining Company, McKinley County, New Mexico

Enclosed are the original and two copies of Contract Idm-E672. Also enclosed are three copies of Form 3b.

Four copies of the final report on Docket DMEA 2897, which was reassigned Docket DMEA 3190, were forwarded to you by our memorandum of August 27, 1953.

A copy of the contract has been given to the operator, the Fiscal Officer, Region IV, and a copy retained for our files.

John F. Shaw, for
W. H. King

Enclosures

REAdams/lc 5-11-54

DMEA - Department of the Interior

14 X 4401(01) Revolving Fund,
Defense Production Act, Interior
(Allocated Working Funds to the Office
of the Secretary).

T E L E T Y P E

MR. W. H. KING, EXECUTIVE OFFICER MAY 11 1954
DMEA FIELD TEAM, REGION IV
BUREAU OF MINES
224 NEW CUSTOMHOUSE BUILDING
DENVER 2, COLORADO

REURTEL 5/10/54, CONTRACT NO. IDM-2671 ASSIGNED TO DOCKET NO. DMEA-3151, FOUR CORNERS EXPLORATION COMPANY, AND CONTRACT NO. IDM-2672 ASSIGNED TO DOCKET NO. DMEA-3190, RICHARD VOPAT, ET AL, dba FLAT TOP MINING COMPANY.

C. O. Mittendorf

C. C. MITTENDORF, ADMINISTRATOR

Copy to: Docket No. 3151
Docket No. 3190
Adm. Reading File
Mails & Files
Mr. Adams

SENT
MAY 11 1954
Clerical Service Section

R.C.S.

Mr. C.O. Mittendorf
May 10, 1954
(Unattended service after 4:15)

E-67

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 11 1954

DN 235 BUREAU MINES 5-10-54 3-51 PM

C O MITTENDORF

PLEASE ASSIGN A NUMBER TO CONTRACT COVERING DOCKET NO DMEA 3190 FORMERLY DOCKET NO. DMEA 2897, A PARTNERSHIP CONSISTING OF RICHARD VOPAT, 601 COURT STREET, AVIS M. YOUNG, 911 CHURCH STREET, R. H. SPENCER, 606 RUSSELL STREET, ALL IN SCOTT CITY , KANSAS, AND FRED M. HEINE, LUCAS, KANSAS, ROBERT B. MCNEELEY, 337 SOUTH TERRACE DRIVE, WICHITA, KANSAS, D/B/A FLAT TOP MINING COMPANY. COMMODITY URANIUM, CONTRACT DATED MAY 10,1954. PROPERTY LOCATED IN MCKINLEY COUNTY, NEW MEXICO. AMOUNT OF GOVERNMENT PARTICIPATION $7229.25. TOTAL AMOUNT OF CONTRACT $8032.50.

W H KING

Hernan Cob

MAY 11 8 30 AM '54
BUREAU OF MINES
MAIL ROOM
WASHINGTON, D. C.

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

RECEIVED
MAR 12 1954

224 New Customhouse
Denver 2, Colorado

March 10, 1954.

Mr. Richard Vopat
601 Court Street
Scott City, Kansas

Re: Docket No. DMEA-3190 (Uranium)

Dear Mr. Vopat:

This will acknowledge receipt of your letter dated March 5, 1954 and the enclosures which we had requested.

Please forward a certified copy of the escrow agreement dated May 23, 1951 between Arthur W. Hyde, Vilatie Hyde and Frank O. Manol and a certified copy of the special warranty deed dated December 15, 1951. The escrow agreement dated May 23, 1951 is recorded in Book 10, Miscellaneous, page 356. At one time we had an abstract containing the above but it has been returned to Mr. Manol at his request.

Enclosed is the Power of Attorney to Richard Vopat signed by Fred W. Heine, Howard T. Young, R. H. Spencer and Robert B. McNeely, dated May 14, 1953. Because of your new partnership agreement which revokes all prior partnership agreements heretofore made we will require a new Power of Attorney from the new partners. When we receive the above data we will continue to process your contract.

Very truly yours,

W H King

W. H. King
Executive Officer
DMEA Field Team, Region IV

Enclosure

HMC:cwm

cc: Docket
Chairman of the Oper. Comm.
RPFischer
WRStorms
AHKoschmann
Chron.

2/23/54 gla

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 19 1954

224 New Customhouse
Denver 2, Colorado

February 16, 1954.

Memorandum

To: Chairman of the Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region IV

Subject: Docket No. DMEA-3190 (Uranium), Richard Vopat, et al., Flat Top-Vilatie Hyde claims, McKinley County, New Mexico.

Enclosed is copy of a letter to Richard Vopat requesting clarification of the property rights of his partners.

W. H. King

W. H. King

Enclosure

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 19 1954

224 New Customhouse
Denver 2, Colorado

February 16, 1954.

Memorandum

To: Chairman of the Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region IV

Subject: Docket No. DMEA-3190 (Uranium), Richard Vopat, et al., Flat Top-Vilatie Hyde claims, McKinley County, New Mexico.

Enclosed is copy of a letter to Richard Vopat requesting clarification of the property rights of his partners.

W. H. King

Enclosure

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 19 1954

224 New Customhouse
Denver 2, Colorado

February 16, 1954.

Mr. Richard Vopat
601 Court Street
Scott City, Kansas

Re: Docket No. DMEA-3190 (Uranium)

Dear Mr. Vopat:

We have a copy of a quit claim deed from Frank and Hazel Manol dated January 10, 1952 conveying an undivided one-fifth (1/5) interest in the Flat Top-Vilatie Hyde claims to Richard Vopat.

A partnership consisting of Richard Vopat, Howard Young, Dr. R. H. Spencer, Fred W. Heine, and Robert B. McNeely have made the application for DMEA aid in an exploration project.

We have nothing to show how the other four partners acquired their property rights. Will you please send this office one signed copy or photostat of signed copies of any and all conveyances showing the amount of interest held by each partner.

Very truly yours,

W H King

W. H. King
Executive Officer
DMEA Field Team, Region IV

HMC:cwm

cc: Docket
Chairman of the Oper. Comm., DMEA
WRStorms
AHKoschmann
Chron.
HMConnors

FILE COPY
SURNAME:

140

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

FEB - 1 1954

Mr. W. H. King, Executive Officer
DMEA Field Team, Region IV
224 New Customhouse Building
Denver 2, Colorado

Re: Docket No. DMEA-3190 (~~Uranium~~)
Flat Top-Vilatie Hyde claims
Richard Vopat, et al.
McKinley County, New Mexico

Dear Mr. King:

This responds to your memorandum dated January 22 to the Chairman of the Operating Committee, which transmitted a copy of a letter dated January 20, 1954, from Richard Vopat informing you that Howard T. Young, one of the five partners applying for an exploration contract, has died and requesting that Mr. Young's surviving wife be included as a partner, in place of her deceased husband, in the exploration project contract. Mr. Vopat's letter also stated that Mr. Young owned a one-fifth interest in the land which is the subject of the application for exploration aid, which interest his wife acquired by devise.

There is no objection to the substitution of Mrs. Young for her deceased husband as a partner. However, you will note in the memorandum dated January 14 from the Chief Counsel to the Administrator, a copy of which was transmitted to you with a letter dated January 20 from the Operating Committee, that we had no prior information that Mr. Young owned a one-fifth interest in the land. However, the conditions set forth in the Chief Counsel's memorandum dated January 14 are modified only slightly by this fact. These conditions are:

Paragraph numbered 1 in the Chief Counsel's memorandum is still applicable, i.e., an Owner's Consent to Lien signed by both Hydes is required;

An Owner's Consent to Lien signed by both Manols is required; and

HHR 2-1-54

An Owner's Consent to Lien is required from any holder of an outstanding interest in the land who is not a partner under the exploration contract.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (2LB)

Approved:

J. H. Hedges (2LB)
Member, Bureau of Mines

s/ Philip W. Guild (2LB)
Member, Geological Survey

HCRubin/emd 1/28/54

Copy to: Docket
Adm. R. File
Op. Comm.
J. H. Hedges
T. P. Thayer
E. W. Ellis
J. L. Hofflund
H. C. Rubin
chron.
pending

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

January 29, 1954

Memorandum

To: Robert E. Adams, Chief
Operations Control & Statistics Division

From: Ernest Wm. Ellis, Chief
Rare and Miscellaneous Metals Division

Subject: Docket No. DMEA-3190 (Uranium)
Richard Vopat, et al
McKinley County, New Mexico

The captioned application has been transferred to Region IV for the purpose of writing a contract pursuant to our letters to Mr. King under dates of December 18, 1953, and January 20, 1954. Accordingly, I request that your records show this transfer of responsibility. We are removing this application from our list of pending applications at the close of January.

The docket file is en route to your division, through the Operating Committee, with an additional letter to Mr. King from the Legal Division on this subject.

Ernest Wm. Ellis

Ernest Wm. Ellis

Surname Docket copy

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

Ching
Ellis

January 29, 1954

Memorandum

To: Robert E. Adams, Chief
Operations Control & Statistics Division

From: Ernest Wm. Ellis, Chief
Rare and Miscellaneous Metals Division

Subject: Docket No. DMEA-3190 (Uranium)
Richard Vopat, et al
McKinley County, New Mexico

The captioned application has been transferred to Region IV for the purpose of writing a contract pursuant to our letters to Mr. King under dates of December 18, 1953, and January 20, 1954. Accordingly, I request that your records show this transfer of responsibility. We are removing this application from our list of pending applications at the close of January.

The docket file is en route to your division, through the Operating Committee, with an additional letter to Mr. King from the Legal Division on this subject.

Ernest Wm. Ellis

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

224 New Customhouse
Denver 2, Colorado

January 22, 1954

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region IV

Subject: Docket No. DMEA 3190 (Uranium) Richard Vopat, et al, McKinley County, New Mexico

Enclosed is a copy of a letter from Richard Vopat, which might have an important bearing on the subject docket, since the Chief Counsel had requested the Escrow Agreement and Warranty Deed, which was forwarded to your office January 5, 1954.

W. H. King

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

224 New Customhouse
Denver 2, Colorado

January 22, 1954

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region IV

Subject: Docket No. DMEA 3190 (Uranium) Richard Vopat, et al, McKinley County, New Mexico

Enclosed is a copy of a letter from Richard Vopat, which might have an important bearing on the subject docket, since the Chief Counsel had requested the Escrow Agreement and Warranty Deed, which was forwarded to your office January 5, 1954.

W. H. King

C
O
P
Y

Scott City, Kansas
January 20, 1954

Mr. W. H. King
DMEA Field Team, Region IV
224 New Customhouse
Denver 2, Colorado

Dear Mr. King:

Re: Docket No. DMEA-3190

In answer to your letter of January 4th. relative to our application for DMEA assistance to explore our mining claims located in McKinley County, New Mexico.

Since filing this application one of the partners Mr. Howard T. Young of Scott City, Kansas, passed away on December 1st. 1953.

Mr. Young had a Will and this Will is now in t e process of being Probated here in Scott County, Kansas. With the exception of one small monetary bequest, his Widow, Avis M. Young of Scott City, Kansas, is the sole devise legatee of his Estate. The Estate is undoubtedly solvent and there are no known creditors at this time. Mrs. Young was named executrix of the Estate by Mr. Young in his Will. Mrs. Young in her own right aside from the Estate is in a financial position to assume her part of the obligation in connection with our loan application. I have talked the matter over with Mrs. Young and she wishes to proceed with the rest of the partners in securing this loan and developing our claims.

I have consulted the rest of the partners, including Mrs. Young and we all agreed to accept your proposal of a loan not to exceed $7,560.00 to carry out our exploration program.

Since Mrs. Young as the successor of Mr. Young's one-fifth interest in these claims by virtue of Mr. Young's will, wishes to proceed with the other partners therein, I wish you would submit the contract for signing. Also indicate any requirements you wish to make relative to Mrs. Young's ownership of the one-fifth interest which now appears of record in Mr. Young's name.

Thanking you for your interest in this matter, I am

Very truly yours,

(signed) Richard Vopat

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

Surname
DOCKET COPY

Ching
Ellis
Putin
Hoffmyd
Selfridge
Johnson
Wetherdoy

JAN 20 1954

Mr. W. H. King
Executive Officer
DMEA Field Team, Region IV
224 New Customhouse Building
Denver 2, Colorado

Re: Docket No. DMEA-3190 (Uranium)
Flat Top-Vilatie Ryde claims
Richard Vepat, et al
McKinley County, New Mexico

Dear Mr. King:

This will acknowledge your memorandum of January 5, 1954, enclosing a copy of an Escrow Agreement, dated May 23, 1951, a copy of a Special Warranty Deed, dated December 15, 1951, and photostats of entries in Abstract 4246.

Enclosed is a memorandum to the Administrator from the Chief Counsel regarding sufficiency of the Applicant's interest in the land and further requirements in connection with the proposed contract.

If the Applicant is interested in a project on the basis suggested in your letter to him dated January 4, 1954, and he is able to satisfy these requirements, a contract appears to be in order.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (GCS)

Enclosure

APPROVED:

J. H. Hedges (JHH)
Member, Bureau of Mines

T. P. Thayer (TPT)
Member, Geological Survey

MChing/gla
1-18-54
cc to: Adm. Reading File
Operating Committee
Docket
Messrs. HDKeiser, Rm. 3641
APButler, Jr., Rm.3212, GSA
Ellis
Ching

R.C.S.
1-20-54

UNITED STATES
DEPARTMENT OF THE INTERIOR 140
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

January 14, 1954

Memorandum
To: The Administrator
Through: Chief, Rare and Miscellaneous Division

From: Chief Counsel

Subject: Richard Vopat, et al., Docket No. DMEA-3190 (Uranium)

This supplements a memorandum dated December 11, 1953, from this office to the Chief, Rare and Miscellaneous Division, concerning the sufficiency of the interest in property held by the applicant for the purposes of an exploration project contract. That memorandum stated that the provisions of an Escrow Agreement dated May 23, 1951, between Arthur W. and Vilatie W. Hyde and Frank O. Manol, and a Special Warranty Deed dated December 15, 1951, from the Hydes to Frank O. Manol would have to be reviewed in connection with this matter before a determination could be made as to the sufficiency of the applicant's interest in the land. The applicant holds a one-fifth (1/5th) interest in the land under a Quitclaim Deed from Manol and wife.

We have reviewed the copies of the Escrow Agreement and the Special Warranty Deed referred to above. It is our opinion that the one-fifth (1/5th) interest held by the applicant in the three claims which are the subject of the exploration contract is sufficient subject to the following:

1. As a royalty is reserved to the Hydes under the Escrow Agreement and the Special Warranty Deed is subject thereto, an Owner's Consent to Lien signed by both Hydes is necessary.

2. As the applicant has only a one-fifth (1/5th) interest in the land, and royalties are reserved to the grantors (Manols) under the Quitclaim Deed, an Owner's Consent to Lien is required from Frank O. and Hazel I. Manol, the grantors of the one-fifth (1/5th) interest, and owners of the remaining four-fifths (4/5ths) interest.

3. As the Escrow Agreement specifically reserves from conveyance any portions of the three claims which extend over and upon land owned by one Golden P. Roundy, the area of land overlapped should be delineated either by a metes and bounds description, or on a map, or both, in order to guard against work being performed on land in which the applicant has no interest. In this regard, the copy of the portion of abstract of title furnished us reciting certain facts about a suit to quiet title against Golden P. Roundy and others, does not clarify the point raised.

John L. Hofflund
Chief Counsel

FILE COPY
SURNAME:

UNITED STATES
DEPARTMENT OF THE INTERIOR 140
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

Rubin

January 14, 1954

Memorandum
To: The Administrator
Through: Chief, Rare and Miscellaneous Division

From: Chief Counsel

Subject: Richard Vopat, et al., Docket No. DMEA-3190 (Uranium)

This supplements a memorandum dated December 11, 1953, from this office to the Chief, Rare and Miscellaneous Division, concerning the sufficiency of the interest in property held by the applicant for the purposes of an exploration project contract. That memorandum stated that the provisions of an Escrow Agreement dated May 23, 1951, between Arthur W. and Vilatie W. Hyde and Frank O. Manol, and a Special Warranty Deed dated December 15, 1951, from the Hydes to Frank O. Manol would have to be reviewed in connection with this matter before a determination could be made as to the sufficiency of the applicant's interest in the land. The applicant holds a one-fifth (1/5th) interest in the land under a Quitclaim Deed from Manol and wife.

We have reviewed the copies of the Escrow Agreement and the Special Warranty Deed referred to above. It is our opinion that the one-fifth (1/5th) interest held by the applicant in the three claims which are the subject of the exploration contract is sufficient subject to the following:

1. As a royalty is reserved to the Hydes under the Escrow Agreement and the Special Warranty Deed is subject thereto, an Owner's Consent to Lien signed by both Hydes is necessary.

2. As the applicant has only a one-fifth (1/5th) interest in the land, and royalties are reserved to the grantors (Manols) under the Quitclaim Deed, an Owner's Consent to Lien is required from Frank O. and Hazel I. Manol, the grantors of the one-fifth (1/5th) interest, and owners of the remaining four-fifths (4/5ths) interest.

3. As the Escrow Agreement specifically reserves from conveyance any portions of the three claims which extend over and upon land owned by one Golden P. Roundy, the area of land overlapped should be delineated either by a metes and bounds description, or on a map, or both, in order to guard against work being performed on land in which the applicant has no interest. In this regard, the copy of the portion of abstract of title furnished us reciting certain facts about a suit to quiet title against Golden P. Roundy and others, does not clarify the point raised.

J. L. Hofflund

John L. Hofflund
Chief Counsel

HCRubin/ema 1-14-54

cc: Mails & Files
E. W. Ellis
H. C. Rubin
J. L. Hofflund
Chron.

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

224 New Customhouse
Denver 2, Colorado

January 8, 1954.

Mr. Richard Vopat, et al.
601 Court Street
Scott City, Kansas

Re: Docket No. DMEA-3190

Dear Mr. Vopat:

This will acknowledge receipt of your letter dated January 5, 1954 in which you asked if there was any additional information we might need in processing your application for DMEA aid on the Flat Top-Vilatie Hyde claims.

The Washington Office requested the pertinent data relative to your application and it has been forwarded them. Should they need additional information or if the Power of Attorney is not acceptable you will be advised.

Very truly yours,

W H King

W. H. King
Executive Officer
DMEA Field Team, Region IV

HMC:cwm

cc: Docket
Administrator, DMEA w/Encl.
WRStorms w/Encl.
AHKoschmann (2) w/Encl.
Chron.
HMConnors w/Encl.

C
O
P
Y

Scott City, Kansas
January 5, 1954

Mr. W. H. King
Executive Officer, DMEA
224 New Customhouse
Denver 2, Colorado

In Re: DMEA 3190

Dear Mr. King:

I have a letter written to Mr. Fred W. Heine of Lucas, Kansas, from the office of Mr. Andrew F. Schoeppel, United States Senator from Kansas with reference to our DMEA application.

Mr. Heine is one of the partners in the Flat Top Vilatie Hyde claims on which we have made application for DMEA assistance.

This letter states that Mr. Ellis of the Interior Department in Washington advised that the application was not considered as an amendment to the original application form which was filed by me, but as a new application inasmuch as I owned only a 20% interest in the lease right and not a controlling interest. The Department felt that more information was necessary in order to establish proper title rights.

When I filed the first application I included along with the rest of the papers a copy of Power of Attorney given me by the other partners. Was this copy included with the second application which was sent to Washington? If so, what other information is needed to complete this application?

We are very anxious to get started on this exploration program as soon as possible. Any consideration you can give us will be greatly appreciated.

If there is any additional information you need please advise me and I will furnish it.

Thanking you, I am,

Yours very truly,

/s/ Richard Vopat

1/12/54 gla

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 8 1954

224 New Customhouse
Denver 2, Colorado

January 5, 1954.

Memorandum

To: Chairman of the Operating Committee

From: Executive Officer, DMEA Field Team, Region IV

Subject: Docket No. DMEA-3190 (Uranium), Richard Vopat, et al., McKinley County, New Mexico.

This replies to the memorandum from the Chief Counsel to the Chief, Rare and Miscellaneous Division, dated December 11, 1953, in which he requested a copy of the Escrow Agreement and Special Warranty Deed.

Enclosed is a copy of the Escrow Agreement dated May 23, 1951 and a copy of Special Warranty Deed dated December 15, 1951.

In connection with Docket DMEA-3089, Mr. Manol sent this office an Abstract of Title in which pages 43 - 50 inclusive are pertinent to Docket DMEA-3190. The enclosed photostats are of entries in Abstract 4246 certified to December 17, 1953 by the Mid-Valley Title Company, Inc., Gallup, New Mexico.

We would also like to call your attention to page 3 of the enclosed copy of the Quitclaim Deed for one-fifth interest from Manol to Vopat. The paragraph is quoted:

> "It is expressly understood and agreed that operations, if any, on said premises and the extent and duration thereof shall be solely at the will of the grantee herein, his heirs, legal representatives, successors and assigns."

W. H. King

W. H. King

Enclosures

INTERIOR
Administration
3 1951

QUITCLAIM DEED

THIS INDENTURE, Made this 10th. day of January, 1952 between FRANK O. MANGL and HAZEL I. MANGL, husband and wife, of Aztec, New Mexico, parties of the First Part, and RICHARD VOPAT of Scott City, Kansas Party of the Second Part, WITNESSETH:

That the said parties of the First Part for the sum of One and no/100($1.00) Dollar and other good and valuable considerations to them in hand paid by the said Party of the Second Part, receipt whereof is hereby acknowledged, do by these presents demise, release and forever quitclaim unto the said party of the Second Part and to his heirs and assigns an undivided one-fifth (1/5) interest in and to the following described lode mining claims located in the South half of the South East quarter of Section Thirty (30) in Township Thirteen (13) North, Range Nine (9) West, N.M.P.M., McKinley County, New Mexico, more particularly described as follows, to wit:

(1) Flat top Vilatie Hyde No. 1 as per notice of Lode Mining Location filed for record on December 11, 1950, in the office of the County Clerk of McKinley County, New Mexico, and recorded in Book 10, Miscellaneous Records, Page 287;

(2) Flat Top Vilatie Hyde No. 2 as per notice of Lode Mining Location filed for record on December 11, 1950, in the office of the County Clerk of McKinley County, New Mexico, and recorded in Book 10, Miscellaneous Records, Page 288;

(3) Flat Top Vilatie Hyde No. 3 as per notice of Lode Mining Location Filed for record on December 11, 1950, in the office of the County Clerk of McKinley County, New Mexico, and recorded in Book 10, Miscellaneous Records, Page 288;

(4) Flat Top Vilatie Hyde No. 1 as per amended copy of Notice of Lode Mining Location filed for record April 6, 1951, in the office of the County Clerk of McKinley County, New Mexico, and recorded in Mining Claim Book No. 3, Page 145;

(5) Flat Top Vilatie Hyde No. 2 as per amended copy of Notice of Lode Mining Location filed for record April 6, 1951, in the office of the County Clerk of McKinley County, New Mexico, and recorded in Mining Claim Book No. 3, Page 146;

(6) Flat Top Vilatie Hyde No. 3 as per amended copy of Notice of Lode Mining Location filed for record April 6, 1951, in the office of the County Clerk of McKinley County, New Mexico, and recorded in Mining Claim Book No. 3, page 146;

(7) Flat Top Vilatie Hyde No. 1 as per notice of Lode Mining Location filed for record April 27, 1951, in the office of the County Clerk of McKinley County, New Mexico and recorded in 3 M. of L. 188

(8) Flat Top Vilatie Hyde No. 2 as per notice of Lode Mining Location filed for record April 27, 1951, in the office of the County Clerk of McKinley County, New Mexico, and recorded in 3 M. of L. 192

(9) Flat Top Vilatie Hyde No. 3 as per notice of Lode Mining Location filed for record April 27, 1951, in the office of the County Clerk of McKinley County, New Mexico, and recorded in 3 M. of L. 193,

Said Lode Mining Claims being those described in the Escrow Agreement between Vilatie W. Hyde and Arthur W. Hyde, wife and husband, as parties of the first part and Frank O. Mansol as party of the second part, dated May 23, 1951, and filed May 24, 1951, in the office of the County Clerk and Ex-officio Recorder of McKinley County, New Mexico, and recorded in Book 10, Miscellaneous Records, page 356 of the records of said County and being also the same claims as those described in the Special Warranty Deed from Vilatie W. Hyde and Arthur W. Hyde, wife and husband, dated December 15, 1951 and filed for record on December 17, 1951, in the office of the County Clerk and Ex-officio Recorder of McKinley County, New Mexico, and recorded in Book 10 of Warranty Deeds at page 586 of the records of said County.

Said Mining Claims are conveyed subject to all the terms and conditions of the aforesaid Escrow Agreement and Special Warranty Deed and said one-fifth (1/5) interest shall bear its proportionate share of the royalties reserved by the said Vilatie W. Hyde and Arthur W. Hyde, wife and husband, and this conveyance is upon condition that the grantee shall assume, together with the holders of the remaining undivided interest in said mining claims, all the affirmative obligations contained in said escrow agreement and the acceptance of this deed by the said grantee shall be deemed his consent to this covenant.

RESERVING, HOWEVER, unto the Parties of the First Part, their heirs and assigns, a royalty interest of ten (10%) per cent of all minerals mined and marketed from said premises by said grantee, his legal representatives, successors and assigns, and the holders of the remaining interests in said mining claims, the proportion of said royalty interest chargeable to the one-fifth (1/5) undivided interest herein conveyed being two (2%) per cent.

With respect to said royalty interest retained and reserved by the grantors in said claims it is understood and agreed that said interest is and shall always be a royalty interest and shall not be charged with any of the cost which the grantee may incur in exploring, drilling, mining, developing and operating any mines for the production of said minerals or for the marketing thereof. The said grantee shall account to and pay over to the grantors monthly, on or before the 15th. day of each month, all amounts due by the said grantee on account of minerals produced and sold during the preceding calendar month.

It is expressly understood and agreed that operations, if any, on said premises and the extent and duration thereof shall be solely at the will of the grantee herein, his heirs, legal representatives, successors and assigns.

TO HAVE AND TO HOLD all and singular the said premises together with the appurtenances unto the Party of the Second Part and to his heirs and assigns forever.

IN WITNESS WHEREOF, the said Parties of the First Part have hereunto set their hands and seals the day and year first above written.

FRANK O. MANCL

HAZEL I. MANCL

STATE OF NEW MEXICO)
) ss.
County of San Juan)

On this 23 day of January, 1952, before me personally appeared FRANK O. MANOL and HAZEL I. MANOL, husband and wife, to me known to be the persons described in and who executed the foregoing instrument, and acknowledged that they executed the same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal on the day and year first above written.

Esther S. Crane
Notary Public

(SEAL)

My commission expires:

Oct. 18, 1954

State of New Mexico)
County of McKinley) ss. #26044

Filed for record in the Clerk's office the 5th. day of February A.D. 1952 at 11:56 o'clock A.M. and recorded in Book 6 of Q.C. Deeds on page 438

Ernest C. Garcia
County Clerk

By J. Gonzales
Deputy

#25665 EN

VILATIE W. HYDE and ARTHUR W. HYDE, wife and husband to FRANK O. MANOL	) ( ) ( ) ( ) (	SPECIAL WARRANTY DEED Dated December 15, 1951 Filed December 17, 1951 Recorded in Book 10 W. D. Page 586, Records of McKinley County, N. M.

FULL COPY

VILATIE W. HYDE and ARTHUR W. HYDE, wife and husband, for consideration paid, grant to FRANK O. MANOL the following described real estate in McKinley County, New Mexico:

Three (3) lode mining claims described as follows:

(1) Flat Top Vilatie Hyde No. 1 as per notice of Lode Mining Location filed for record on December 11, 1950, in the office of the County Clerk of McKinley County, New Mexico, and recorded in Book 10, Miscellaneous Records, page 287; refiled on April 6, 1951, and recorded in Mining Claim Book No. 3, page 145; refiled April 27, 1951, and recorded in 3 N. of L. page 182;

(2) Flat Top Vilatie Hyde No. 2 as per notice of Lode Mining Location filed for record on December 11, 1950, in the office of the County Clerk of McKinley County, New Mexico, and recorded in Book 10, Miscellaneous Records, page 288; refiled on April 6, 1951, and recorded in Mining Claim Book No. 3, page 146; refiled April 27, 1951 and recorded in 3 N. of L. page 192;

(3) Flat Top Vilatie Hyde No. 3 as per notice of Lode Mining Location filed for record on December 11, 1950, in the office of the County Clerk of McKinley County, New Mexico, and recorded in Book 10, Miscellaneous records, page 288; refiled on April 6, 1951, and recorded in Mining Claim Book No. 3, page 146; refiled April 27, 1951, and recorded in 3 N. of L., page 193;

Cancelled Documentary Stamps ($3.30)

with special warranty covenants, and the grantors for themselves, their heirs, executors, administrators and successors covenant with the grantee, his heirs, successors and assigns, that they and their heirs, executors, administrators and assigns, shall and will warrant and defend the premises to the grantee, his heirs, successors and assigns, against the lawful claims and demands of Jane Hyde and Charley Andrews and all persons claiming by, through or under them.

This special warranty deed is given in substitution for quitclaim deed referred to in escrow agreement between the parties dated May 23, 1951, a copy of which was recorded on May 24, 1951, in

at Book 10 of Miscellaneous Records, page 356, Records of McKinley County, New Mexico.

WITNESS our hands and seals this 15th day of December, 1951.

Vilatie W. Hyde
Arthur W. Hyde

STATE OF NEW MEXICO)
) SS.
COUNTY OF McKINLEY)

On this 15th day of December, 1951, before me personally appeared Vilatie W. Hyde and Arthur W. Hyde, wife and husband, to me known to be the persons described in and who executed the foregoing instrument and acknowledged that they executed the same as their free act and deed.

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

Notarial Seal.

John E. Perry
Notary Public

My commission expires 12/30/54

#3336 BYM

Address of Frank O. Manol and Hazel I. Manol

Address of F.O.Manol, one signer of MF-203

VILATIE W. HYDE and ARTHUR W. HYDE, wife and husband	)	ESCROW AGREEMENT
and	(	Dated May 23, 1951
FRANK O. MANOL	)	Filed May 24, 1951
	(	Recorded in Book 10 Misc. Page 356, Records of McKinley County, N. M.

FULL COPY

THIS AGREEMENT, made and entered into on this 23rd day of May, 1951, by and between VILATIE W. HYDE and ARTHUR W. HYDE, wife and husband, of Bluewater, Valencia County, New Mexico, Parties of the First Part, hereinafter referred to as Vendors, and FRANK O. MANOL of Aztec, San Juan County, New Mexico, Party of the Second Part, hereinafter referred to as Purchaser, WITNESSETH:

For and in consideration of the premises and covenants hereinafter set forth it is agreed as follows:

1. Vendors agree to sell and Purchaser agrees to buy three (3) lode mining claims described as follows, to-wit:

(1) Flat Top Vilatie Hyde No. 1 as per notice of Lode Mining Location filed for record on December 11, 1950, in the office of the County Clerk of McKinley County, New Mexico, and recorded in Book 10, Miscellaneous Records, Page 287;

(2) Flat Top Vilatie Hyde No. 2 as per notice of Lode Mining Location filed for record on December 11, 1950, in the office of the County Clerk of McKinley County, New Mexico, and recorded in Book 10, Miscellaneous Records, page 288;

(3) Flat Top Vilatie Hyde No. 3 as per notice of Lode Mining Location filed for record on December 11, 1950, in the office of the County Clerk of McKinley County, New Mexico, and recorded in Book 10, Miscellaneous Records, page 288;

(4) Flat Top Vilatie Hyde No. 1 as per amended copy of Notice of Lode Mining Location filed for record April 6, 1951, in the office of the County Clerk of McKinley County, New Mexico, and recorded in Mining Claim Book No. 3, page 145;

(5) Flat Top Vilatie Hyde No. 2 as per amended copy of Notice of Lode Mining Location filed for record April 6, 1951, in the office of the County Clerk of McKinley County, New Mexico, and recorded in Mining Claim Book No. 3, page 146;

MID-VALLEY TITLE CO., Inc.

(6) Flat Top Vilatie Hyde No. 3 as per amended copy of Notice of Lode Mining Location filed for record April 6, 1951, in the office of the County Clerk of McKinley County, New Mexico, and recorded in Mining Claim Book No. 3, page 146;

(7) Flat Top Vilatie Hyde No. 1 as per notice of Lode Mining Location filed for record April 27, 1951, in the office of the County Clerk of McKinley County, New Mexico, and recorded in 3 N of L. 182.

(8) Flat Top Vilatie Hyde No. 2 as per notice of Lode Mining Location filed for record April 27, 1951, in the office of the County Clerk of McKinley County, New Mexico, and recorded in 3 N of L 192.

(9) Flat Top Vilatie Hyde No. 3 as per notice of Lode Mining Location filed for record April 27, 1951, in the office of the County Clerk of McKinley County, New Mexico, and recorded in 3 N of L. 193.

together with all rights of Vendors in and to said claims as amended and refilled from time to time in the office of the clerk of McKinley County, New Mexico.

2. The total price shall be Three Thousand and no/100 Dollars ($3,000.00) which has been placed in the hands of the First State Bank at Gallup, New Mexico, as escrow agent for the parties for payment to Vendors upon consummation of this sale as hereinafter provided.

3. In addition to said cash consideration it is understood and agreed that Vendors reserve unto themselves, their heirs and assigns a FIVE PERCENT (5%) ROYALTY INTEREST in and to all minerals and metals of every kind and nature produced, extracted and sold by Purchaser, his legal representatives, heirs and assigns, from said mining claims or any portion thereof, with the right to receive such five percent (5%) of the proceeds of sale of all such minerals and metals without deduction of any portion of the cost of mining, extracting or marketing the same and the right to full information from such mill, smelter or market as to the gross sale price paid for such metals and minerals and to require such mill, smelter or market to pay such royalty interest directly to Vendors at such place and at such times as they may designate in writing. Purchaser agrees that said metals and/or minerals will be sold at the best price obtainable and that there will be no deductions therefrom except for severance taxes properly allocated to such five percent royalty interest.

4. Vendors have made, executed and placed in the hands of the escrow agent their quitclaim deed conveying their right, title and interest in and to said mining claims to Purchaser, which will be delivered only on consummation of this sale.

5. An abstract of title shall be furnished Purchaser.

The parties shall each pay one half of the expense thereof. Vendors agree to bring quiet title proceedings against all known persons having adverse claims or rights and all unknown persons who may have adverse claims or rights in and to said mining claims and prosecute the same with dispatch and to conclusion; provided, however, it is understood that portions of said claims extend over and upon deeded land belonging to one Golden P. Roundy and there shall be no obligation on the part of Vendors whatsoever to quiet title to their claims with respect to those portions thereof which extend upon such deeded land. One half the total expense of quieting title, including attorney's fees, shall be paid by Purchaser.

Should affirmative resistance be made by any of the defendants named in such quiet title proceedings, the parties shall have the following options:

(1) Vendors shall not be obligated to proceed with such litigation with respect to that portion or those portions of the claims as to which affirmative resistance is not if, in their opinion, such resistance may not be successfully overcome except at an expense disproportionate to the amount to be received by them for such portion or portions of said mining claims; and, if such decision be made by Vendors, then Purchaser shall have the right to continue said legal proceedings at his own expense, except that Vendors will contribute the sum of Two Hundred and no/100 Dollars ($200.00) toward such expense.

(2) Should affirmative resistance be met in said proceedings with respect to a portion or portions of the claims hereinbefore described and Purchaser be of the opinion that such resistance may not be successfully overcome except at an expense disproportionate to the value of such portion or portions, then he shall not be obligated to contribute to the expense of such litigation more than the sum of Two Hundred and no/100 Dollars ($200.00) should Vendors elect to proceed with such litigation as to that portion or portions of their claims as to which such affirmative resistance is made.

(3) If affirmative resistance is met, Vendors shall promptly notify Purchaser and advise him of the procedure they elect to take and he shall have a twenty(20) day period in which to review the proceedings in such litigation and determine what course of action he may desire to take.

(4) At the conclusion of such litigation, should title not be quieted and cleared as to a portion or portions of the claims hereinbefore described, then the total cash consideration shall be proportionately reduced on an acreage basis; provided that there

shall be no proportionate reduction of the total cash consideration on account of failure to quiet title to those portions of said claims which extend upon the Roundy deeded land.

6. Purchaser agrees that he will do all development and annual labor required for the preservation of said mining claims to be transferred and that, if the same appear commercially valuable, he may obtain patents thereon, furnishing copies of such patents to Vendors and keeping the same in force. If at any time purchaser shall be of the opinion that said mining claims or patents thereto or any one or more of the same are not commercially valuable and shall desire to abandon the same, he will promptly notify Vendors and, if they elect, he will transfer the same to them by quitclaim deed before the same become subject to lapse or cancellation on account of failure to comply with the mining laws, rules and regulations of the State of New Mexico and/or the United States of America.

7. It is understood and agreed that the agreements herein imposing affirmative duties upon Purchaser with respect to the performance of labor and development work, the obligation to reconvey claims or patents prior to abandonment and the payment of royalties, shall be a covenant running with the land and binding upon the legal representatives, successors and assigns of Purchaser.

8. Upon conclusion of quiet title proceedings and upon approval of title to said mining claims or such portions thereof as may have been cleared of defects and clouds in such proceedings, this sale shall be closed, the quitclaim deed delivered to Purchaser by the escrow agent and the cash consideration placed in the hands of the escrow agent, or a proportionate part thereof depending upon the proper clearing of title to the land, shall be paid to Vendors.

9. It is understood and agreed that the provisions of this escrow agreement imposing affirmative obligations upon Purchaser, his legal representatives, successors and assigns, shall continue in force and effect after closing of the escrow and delivery of the quitclaim deed and shall not be deemed merged in said deed.

10. Purchaser and any subsequent holder of the foregoing <u>holder of the foregoing</u> described mining claims or patents acquired pursuant thereto may freely sell, transfer and convey such mining claims or patents and, after such transfer and conveyance, not be personally liable thereon or upon any of the covenants set forth herein except for liabilities then accrued and owing, if such transferee or transferees assume and agree to perform the covenants and obligations set forth in this agreement.

11. Vendors represent and covenant that all affirmative duties required by the rules and regulations of the State of New Mexico and/or the United States of America with regard to lode mining claims have been and will have been complied with by them as of the date that the claims are transferred to the Purchaser and that all portions of the claims located within the

South Half of the Southeast Quarter of
Section 30 in
TOWNSHIP 13 North, Range 9 West, N.M.P.M.,

are valid and subsisting mining claims.

IN WITNESS WHEREOF the parties have hereunto set their hands in triplicate on the day and year first above written.

Vilatie W. Hyde
Arthur W. Hyde
Vendors

Frank O Manol
Purchaser

STATE OF NEW MEXICO)
) SS.
COUNTY OF McKINLEY)

On this 23rd day of May, 1951, before me personally appeared Vilatie W. Hyde and Arthur W. Hyde, wife and husband, to me known to be the persons described in and who executed the foregoing instrument and acknowledged that they executed the same as their free act and deed.

Notarial Seal.

John E. Perry
Notary Public
in and for McKinley
County, New Mexico

My Commission expires 12/30/54.

STATE OF NEW MEXICO)
) SS.
COUNTY OF McKINLEY)

On this 23rd day of May, 1951, before me personally appeared Frank O. Manol, to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as his free act and deed.

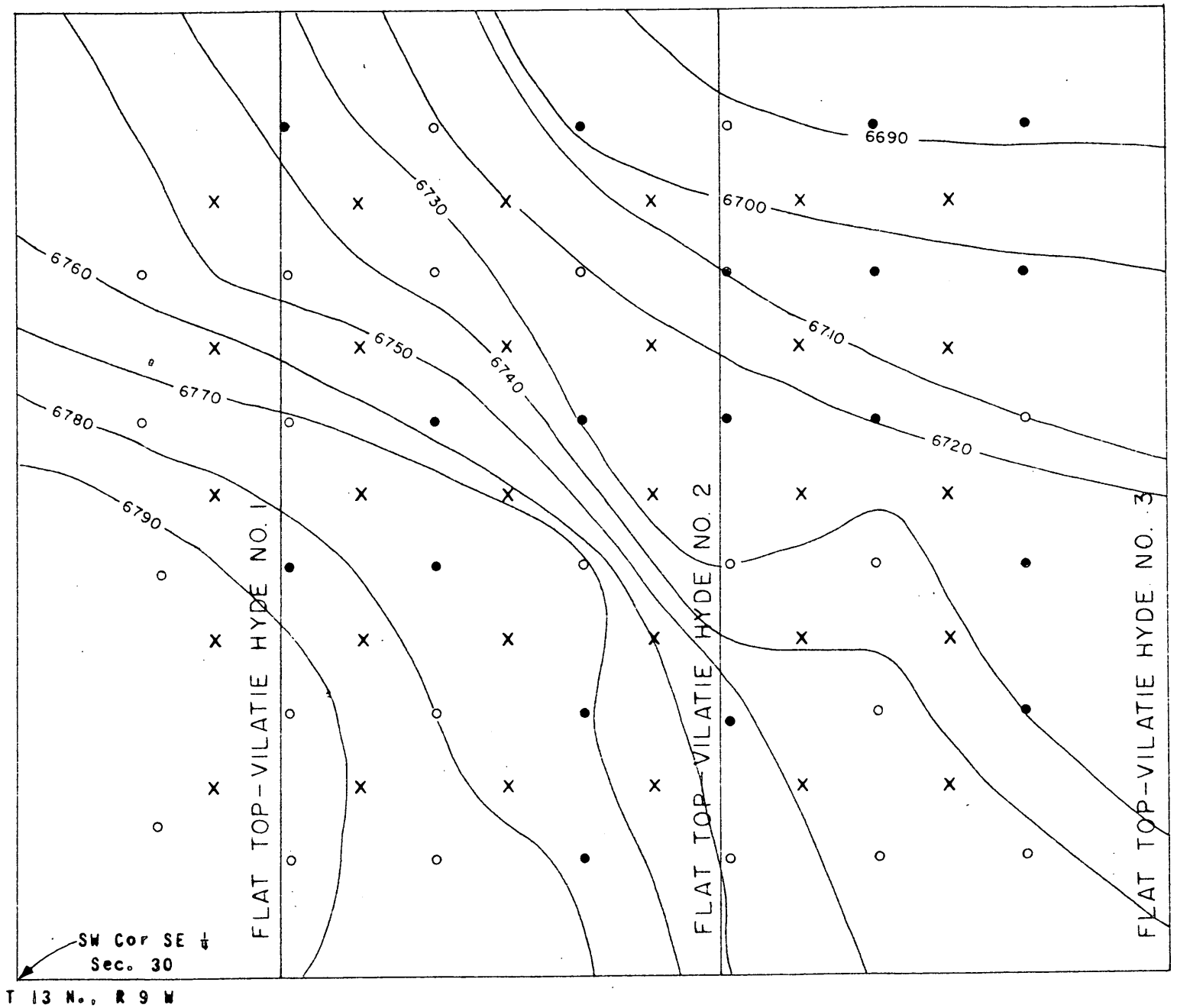
Notarial Seal.

John E. Perry
Notary Public
in and for McKinley
County, New Mexico

My commission expires 12/30/54

U.S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DEFENSE MINERALS EXPLORATION ADMINISTRATION
DOCKET 3190



EXPLANATION

● STAGE 1 DRILL HOLE COMPLETED, SHOWING SIGNIFICANT RADIOMETRIC ANOMALY

○ STAGE 1 DRILL HOLE COMPLETED

X STAGE 2 DRILL HOLE, PROPOSED LOCATION

N

200 0 400 FEET

CONTOUR INTERVAL 10 FEET

CONTOURS ON TODILTO-ENTRADA CONTACT

MAP SHOWING DRILL HOLES COMPLETED IN STAGE 1 AND PROPOSED LOCATIONS OF HOLES IN STAGE 2, DMEA CONTRACT IDM-E 672, RICHARD VOPAT, et. al., GRANTS DISTRICT, MCKINLEY COUNTY, NEW MEXICO

FLAT TOP VILATIE HYDE #1 MINING CLAIM	(	LOCATION NOTICE
to	)	Dated December 9, 1950
	(	Filed December 11, 1950
VILATIE W. HYDE, JANE HYDE, CHARLEY ANDREWS and ARTHUR W. HYDE	)	Recorded in Book 10 Misc. Page 287, Records of McKinley County, N.M.

FULL COPY
NOTICE OF LODE MINING LOCATION

STATE OF NEW MEXICO, COUNTY OF McKINLEY MT. TAYLOR MINING DISTRICT	)	THE FLAT TOP VILATIE HYDE #1 MINING CLAIM

The undersigned, who _ citizen_ of the United States (or ha_ declared _ intention to become such) and of lawful age, hereby declare and give notice to all persons concerned that _ ha_ discovered within the limits of the claim hereby located a vein, lode or deposit of mineral bearing rock in place, and that on this 9 day of December, A.D. 1950, do locate and claim under and by virtue of Chapter 6, Title XXXII of the Revised Statutes of the United States, and all laws amendatory thereof and supplementary thereto, and laws of the State of New Mexico, a mining claim upon the said vein, lode or deposit, together with all its dips, spurs and angles, to be named the FLAT TOP VILATIE HYDE #1 MINING CLAIM.

And the undersigned locator_ do hereby certify: That the claim so located is rectangular in form and extends along said vein, lode or deposit 1500 feet in a Northerly direction and 600 feet in a_ Easterly direction, from this the point of discovery where this notice is posted; said claim is 1,500 feet in length, along and upon said vein, lode or deposit and 600 feet in width; being 300 feet on each side of the middle of the vein at the surface thereof, where this notice is posted Glass Jar - & Stone Monument

The said claim is more particularly described as follows: It is distinctly marked on the ground, so that the boundaries thereof can be readily traced by four substantial Stone Monuments, one at each corner of the claim, and each so marked or inscribed as to indicate the corner intended.

Said claim is situated in the Mining District, County and State first above mentioned and the following reference to a natural or permanent monument will identify the same, that is to say:

This claim starts 2400 ft east of the south West corner of Section 30
TOWNSHIP 13 North Range 9 West
Thence 1500 feet North
Thence 600 ft East
Thence 1500 ft South
Thence 600 ft along line of Section 30

LOCATION NOTICE Flat Top Vilatie Hyde #1 to Hyde, et al 10 Misc.,287

A copy of this notice is posted on the claim as stated on the date first aforesaid in the presence of __

Vilatie W. Hyde)
Jane Hyde)
Charley Andrews) Locators
Arthur W. Hyde)

NOTE OF ABSTRACTER:

Flat Top Vilatie Hyde #2 and #3 Mining Claims occupy respectively the first and second Claims of 600 feet from East to West by 1500 feet from North to South, lying next Easterly from Flat Top Vilatie Hyde #1 Claim described in the foregoing Location Notice.

The Location Notices for both said additional Claims are recorded in Book 10 Miscellaneous Record, page 288.

Both of the Claims are dated and filed on the same dates as those given for the foregoing Claim #1.

Claim #2 is located by the same persons as those who located the foregoing Claim #1.

Claim #3 was located by Vilatie W. Hyde and Charley Andrews only.

Believing that this Note will place before the Examiner sufficient information regarding these two additional Claims, the full Notices thereof will not be shown herein.

The foregoing Claim #1 includes a small portion of the East half of the South West quarter as well as a small portion of the North half of South East quarter, and Claims Numbered 2 and 3 each include a small portion of the North half of South East quarter of Section 30.

NOTE OF ABSTRACTER:

In Book 3 of Mining Claim Records (Location Notice Record), pages 145, 146, and 146, of the records in the office of the County Clerk of McKinley County, New Mexico, there are recorded Amended Location Notices for Flat Top Vilatie Hyde #1, #2 and #3 Mining Claims.

The date of location of the Claims is given as December 9, 1950.

The Amended Location Notices were filed for record on April 6, 1951.

The descriptions of the Claims in these Amended Location Notices are somewhat improved as compared with the descriptions used in the Notices of the original Flat Top Vilatie Hyde Claims #1, #2 and #3, but the same ground is described.

The Locator named in these Amended Locations is Vilatie W. Hyde.

In the Location Notices for Claims #1 and #2, Jane Hyde, Charley Andrews and Arthur W. Hyde are named as witnesses.

In the Location Notice for Claim #3, Charley Andrews is named as witness.

NOTE OF ABSTRACTER:

In Book 3 of Mining Claim Records (Location Notice Record) at pages 182, 192 and 193, respectively, the Amended Location Notices for Flat Top Vilatie Hyde #1, #2 and #3 Mining Claims, which are mentioned in the foregoing Note of Abstracter, were re-recorded after having been re-filed for record on April 27, 1951.

The re-filed and re-recorded Amended Notices are the same as the Amended Notices, except for the fact that the records of the re-filed and re-recorded instruments indicate that the Amended Location Notices were acknowledged by Vilatie W. Hyde on the 18th day of April, 1951 before H. S. Glascock, Notary Public in and for McKinley County, New Mexico, the Certificatesof such acknowledgments being in statutory form.

NOTE OF ABSTRACTER:

In Book 10 Misc. Record on pages 356, 357 and 358 of the records in the Office of the County Clerk of McKinley County, N.M., there is the record of an

Escrow Agreement

between

Vilatie W. Hyde and
Arthur W. Hyde, wife and husband,
as Vendors,

and

Frank O. Manol,
as Purchaser,

providing for the sale by Vendors to Purchaser of

Flat Top Vilatie Hyde No. 1, No. 2
and No. 3 Mining Claims,

the Claims being described by the three sets of Location Notices therefor.

The Agreement recites the Conditions of the sale and the methods of perfecting title and of closing, etc., etc., and among other things it contains the following provision:

> "provided, however, it is understood that portions of said Claims extend over and upon deeded land belonging to one Golden P. Roundy and there shall be no obligation on the part of Vendors whatsoever to quiet title to their Claims with respect to those portions thereof which extend upon such deeded land."

Inasmuch as the foregoing provision gives evidence of the intention to exclude, from the sale, those portions of the Claims that overlap upon, and/or extend up into the land in the Caption hereof, the said Escrow Agreement will not be more fully shown herein unless a request is made by the Examiner that it be more fully shown.

NOTE OF ABSTRACTER:

Cause No. 8111, on the Docket of the District Court in and for McKinley County, is an action commenced on June 4, 1951 by

Vilatie W. Hyde and
Arthur W. Hyde, as Plaintiffs
vs.
Golden P. Roundy,
Joseph Chepin,
Jane Hyde,
Charley Andrews, and
All Unknown Claimants, etc.,

whereby Plaintiffs seek to quiet title to
Flat Top Vilatie Hyde #1 Mining Claim,
Flat Top Vilatie Hyde #2 Mining Claim, and
Flat Top Vilatie Hyde #3 Mining Claim
(each of which is particularly described in the Complaint),
"EXCEPT such portions of the foregoing described Mining Claims as lie within the Southwest Quarter and the North Half of the Southeast Quarter of said Section 30, Township 13 North, Range 9 West, N.M.P.M."

The foregoing Exception eliminates any portion of the land in Caption, from the description in the Complaint, and therefore the Action does not affect the title to the land in the Caption hereof, and, for that reason, the proceedings had therein are not shown.

NOTE OF ABSTRACTER:

The proceedings in Cause No. 8111, on the Docket of the District Court of McKinley County, New Mexico, a quiet title action to Flat Top Vilatie Hyde #1, #2 and #3 Mining Claims, EXCEPT such portions thereof as lie within the South West quarter and the North half of the South East quarter of Section 30 in Township 13 North, Range 9 West, N.M.P.M., indicate that Jane Hyde and Charley Andrews are minors.

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

224 New Customhouse
Denver 2, Colorado

January 4, 1954.

Mr. Richard Vopat, et al
601 Court Street
Scott City, Kansas

Re: Docket No. DMEA-3190

Dear Mr. Vopat:

Subject to the satisfaction of the Chief Counsel that you have submitted sufficient evidence of title and interest in the land, we would consider entering into a contract with you on the following basis:

The area you requested to be explored measures 1320 x 1950 feet. No holes would be drilled within 100 feet of the North and South boundaries and none within 175 feet of the East and West boundaries. Stage I would then consist of 42 holes spaced 200 feet apart and Stage II would consist of 30 or less offset holes at locations acceptable to the DMEA representative. Stage III would consist of 40 additional offset holes where justified at 50-foot intervals, each stage contingent on results of prior stage.

The contract would, therefore, authorize the drilling of 120 holes totaling 8,400 feet at an overall unit cost basis of not more than $0.90 per foot of hole drilled. The total estimated cost would not exceed $7,560.00.

If you are interested in a contract on this basis please advise and we will be glad to prepare the contract as soon as the Chief Counsel advises us that he is satisfied you have sufficient interest in the land.

Very truly yours,

W H King

W. H. King
DMEA Field Team, Region IV

A. H. Koschmann

A. H. Koschmann
DMEA Field Team, Region IV

HMC:cwm

cc: Chairman, Oper. Comm.(2)
WRStorms w/Encl.
RPFischer w/Encl.
AHKoschmann (2) w/Encl.
Docket
Chron.

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

Chung
Ellis
Jarvalex
Selfridge
Johnson
Mottenlay

Mr. [illegible] King
Executive Officer
DMEA Field Team, Region IV
221 New Customhouse Building
Denver 2, Colorado

DEC 1 8 1953

Re: Docket No. DMEA-3190 (Uranium)
Flat Top-Vitatie Lode claims
Richard Vopat et al
McKinley County, New Mexico

Dear Mr. King:

Reference is made to your memorandum, dated December 2, 1953, requesting a memorandum from the Chief Counsel regarding the information and documents required before the subject docket can be processed.

Enclosed herewith is such a memorandum from the Chief Counsel. It will be appreciated if you will transmit these requirements to Richard Vopat at your earliest convenience. Mr. Vopat has recently made enquiry concerning his application through the office of Senator Schoeppel of Kansas.

Pending receipt of satisfactory documents evidencing ownership, it is suggested that you present the following program to the Applicant for preliminary approval.

The area covered by the proposed project measures 1320 x 1550 feet. Adapting the spacing to these measurements, but keeping in mind the Field Team's recommendation that holes should not be drilled within 200 feet of the property lines, we propose that no holes be drilled within 160 feet of the North and South boundaries and none within 175 feet of the East and West boundaries. Stage I would then consist of 12 holes spaced 200 feet apart and Stage II would consist of 20 or less offset holes. Stage III would consist of 13 holes offset where justified at 10 foot intervals, each stage contingent on results of prior stage.

The contract would, therefore, authorize the drilling of 120 holes totaling 8,400 feet at an over-all unit cost basis of not more than $0.92 per foot of hole drilled. The total estimated cost would not exceed $7,728.00. The latter figure compares with Applicant's proposed expenditure of $37,139.93 for 432 holes.

R.C.G.
12-18-53

It is contemplated that you draw up and execute the contract as soon as the Chief Counsel is satisfied that all the necessary documents are on hand.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee (24B)

Enclosure 1

APPROVED:

J. H. Hedges
Member, Bureau of Mines (24B)

D. M. Larrabee
Member, Geological Survey (24B)

MChing/db
12-15-53
cc to: Adm. Reading File
Docket
Operating Committee
Messrs: H. D. KEiser, Rm. 3641
A. P. Butler, Jr., Rm.3212, OSA
Ellis
Ching

FILE COPY
SURNAME:

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

N.S. in R.R.

December 11, 1953

Memorandum

To: Chief, Rare and Miscellaneous Division

From: Chief Counsel

Subject: Richard Vopat, et al., Docket No. DMEA-3190 (Uranium)

At the request of Mr. Ching, we have reviewed the application which is identified above, in order to determine whether the applicant has a sufficient interest in the land for the purposes of an exploration project contract.

The application is in the name of Richard Vopat and four other individuals named therein, as partners. The application states that it covers 2-2/3 claims amounting to approximately 46-2/3 acres, which are held by the applicant as "owners." However, with a memorandum dated November 5, 1953, from the Field Team, Region IV, there was enclosed a copy of a Quitclaim Deed from Frank O. and Hazel I. Manol, husband and wife, dated January 10, 1952, quitclaiming a one-fifth interest in the three claims to Richard Vopat. The Field Team's memorandum concludes from the conveyance that it "* * * indicates that Mr. Manol still owns a 4/5 interest in this property and by the terms of the conveyance retains the entire control of all operations on said premises." This conclusion is inaccurate in two respects. First, the Quitclaim Deed does not represent that the Manols own the remaining four-fifths interest; and second, by the terms of the conveyance, the Manols do not retain "control of all operations on said premises," but rather authorize the grantee (Vopat) to determine the extent and duration of operations on the claims.

As we see it, from the limited information at hand, the status of the property ownership is as follows: On May 23, 1951, Arthur W. Hyde and Vilatie W. Hyde, husband and wife, executed an Escrow Agreement with Frank O. Manol, and

subsequently, on December 15, 1951, the Hydes executed a Special Warranty Deed to Frank O. Manol. The terms and the extent of the conveyance under these two documents are unknown to us as we do not have copies of them. The Quitclaim Deed from Frank O. and Hazel I. Manol to Richard Vopat of a one-fifth interest in the three claims is expressly subject to the aforementioned Escrow Agreement and Special Warranty Deed. The Quitclaim Deed also reserves a ten percent royalty on "all minerals mined and marketed from said premises."

Therefore, we require copies of the Escrow Agreement and Special Warranty Deed. If these instruments conveyed all the interest in the land to F. O. Manol, we will require an Owner's Consent to Lien only from F. O. Manol and wife. If the instruments conveyed less than all the interest in the land, we will require Owners' Consents to Lien from F. O. Manol and wife, and Arthur W. Hyde and wife. Whether or not we will require further information or evidence of ownership after receipt of copies of the two documents requested, will depend upon the terms thereof.

J. L. Hofflund
Chief Counsel

HCRubin:ep

Copy to: Docket
Mr. Ellis
Mr. Hofflund
Mr. Rubin
Chron.

Docket DMEA-3190

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

224 New Customhouse
Denver 2, Colorado

December 2, 1953.

Memorandum

To: Chairman of the Operating Committee

From: Field Team, Region IV

Subject: Docket No. DMEA-3190 (Uranium), Richard Vopat et al, McKinley County, New Mexico.

Reference is made to the letter dated November 27, 1953 from the Acting Chairman of the Operating Committee regarding data required to process Docket No. DMEA-3190.

A review of the information in our files indicates that the ownership of the property involved in Docket No. DMEA-3190 is more complicated than that involved in Docket No. DMEA-3089. The memorandum from the Chief Counsel dated November 20, 1953 discusses in detail the information required before Docket No. DMEA-3089 can be processed.

We would appreciate it if a similar memorandum were prepared covering Docket No. DMEA-3190 so that we may transmit this information to Richard Vopat.

W H King
W. H. King

A H Koschmann
A. H. Koschmann

Copy placed in DMEA-3089

FILE COPY
SURNAME:

Wampler
Martin

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

NOV 27 1953

Mr. [illegible] King
Executive Officer
DMA Field Team, Region IV
22[illegible] Federal Courthouse Building
Denver 2, Colorado

Re: Docket No. DMA-3089 (Uranium)
[illegible] D. Manol [illegible]
McKinley County, New Mexico

Re: Docket No. DMA-3190 (Uranium)
Richard Vogel et al
McKinley County, New Mexico

Dear Mr. King:

We refer to your letter dated November 5, 1953, which contains certain recommendations pertaining to the above docketed applications.

Concerning the question of subordinating adjoining ground, Mr. Manol's letter of November 4, 1953, a copy of which is enclosed, states- "We further agree that the standard DMA royalty payments shall apply to any and all continuous ore bodies which project into continuous holdings we have in the same section of ground". As the ore bodies found in this area are isolated masses, we feel that this is reasonable and acceptable, especially in view of the fact that part of the land adjoining the property mentioned in the applications has been explored by the applicant.

We definitely agree with you that the drilling proposed by the applicants is excessive. The drilling proposed by the Field Team for the area mentioned in application Docket No. DMA-3089 seems reasonable, although we would prefer not to include the 60 holes drilled on 25 foot spacing, unless you believe such close drilling is essential to explore this particular area.

Mr. Manol has forwarded executed copies of "Owner's Consent to Mining" on the land mentioned in Docket No. DMA-3089, however, our legal department thinks we should have more security before a contract can be written. The attached memorandum from the Chief Counsel to Mr. Ellis is self-explanatory, so if the Field Team believes a contract should be written, they should contact Mr. Manol and request the data mentioned in this memorandum. Although the memorandum concerns only Docket No. DMA-3089, the same data will be required to process the Docket No. DMA-3190 application.

Referring to this letter application, and applying the Field Team's method in estimating the work proposed for Docket No. [illegible], we estimate that 162 holes (11,500 feet of drilling) at a cost of $[illegible], would be more reasonable than the 532 holes at a cost of $37,139.83 proposed by the applicant.

If you believe that exceptions might be written on the subject applications, we suggest that you inform Mr. Hamel concerning the amount of drilling that might be recommended. If he is agreeable to the reduced program, then he should arrange to submit the required data mentioned in the Chief Counsel's memorandum.

Sincerely yours,

W. S. Martin

ACTING Chairman, Operating Committee (2/6)

Enclosures 4

APPROVED:

J. H. Hedges (2/6)

Member, Bureau of Mines

D. M. Larrabee (2/6)

Member, Geological Survey

F.Murphy/db
11-25-53
cc to: Adm. Reading File
Operating Committee
Docket
Messrs: H. D. Keiser, Rm. 3641
A. P. Butler, Jr., Rm. 3212, GSA
Ellis
Murphy

HHK
11-27-53

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE 11-10-53

REFERRED TO:

DMEA-3190

1. Code 220, Rm. 4070
2.
3.
4.

FOR:

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

REMARKS: Iris: This was transferred to the Region on Nov. 2, 1953, "for a field team examination or report based on available information"; therefore, this constitutes a FT report recommending denial and should go thru Operating Committee. I have discussed this with Hazel Berry and she concurs. She will make extra copies for proper distribution.

Harvest Wm. Ellis
Initials of sender.

gla

Check (X) before the items needing attention.

MF-500

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE 11/16/53

REFERRED TO:

1. ~~Operating Committee~~
2. ~~Mrs. Birmingham, Rm. 4539~~
3. Code 700
4. Mr. Murphy

Docket file

FOR:

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

2nd copy.

REMARKS: Memo Field Report
~~For Agenda 11/18/53~~

Check (X) before the items needing attention.

~~George C. Selfridge~~
Initials of sender.

GPO 16—63815-1

MF

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE 11/12/53

REFERRED TO:

1. Hazel Berry
2.
3.
4.

FOR:

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

REMARKS: As per your telcon with Mrs. Ault re handling this as a Field Team Report (and that you will make addtn'l cys). I sent the original to Mrs. Ault along with the Quitclaim Deed which Mr. Adams says that you don't need. Iris

Check (X) before the items needing attention.

ROBERT E. ADAMS

Initials of sender.

GPO 16—63815-1

11/9/53 gla

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

DEPARTMENT OF THE INTERIOR
Denver Mineral Commission
NOV 10 1953

224 New Customhouse
Denver 2, Colorado

November 5, 1953

Memorandum

To: Chairman, Operating Committee, DMEA

From: DMEA Field Team, Region IV

Subject: Docket No. DMEA 3190 (Uranium), Richard Vopat, et al., Flat Top-Vilatie Hyde Claims, McKinley County, New Mexico

This is in reply to your letter of November 2, 1953, on the subject docket.

The original application requested $19,000.00 and was docketed DMEA-2397. The Field Team would have recommended a total of 78 holes at a cost of $4,531.80. The applicant, however, submitted an amended application for $37,139.93 to drill 532 holes.

The enclosed copy of the conveyance from Mr. Manol to Mr. Vopat indicates that Mr. Manol still owns a 4/5 interest in this property and by the terms of the conveyance retains the entire control of all operations on said premises. We have requested, but have never received from Mr. Vopat, a copy of the conveyance from him to his partnership. Mr. Manol wholly owns or controls the land on at least three sides of the subject property and it appears that possibly Mr. Vopat, et al. were used as "dummies" to submit the application.

Mr. Manol telephoned November 4, 1953, and stated that he would reply to Mr. E. L. Ellis' letter of October 29, 1953 re Docket DMEA-3089 and offer to subordinate any orebody found by DMEA which extended into adjacent ground. However, he did not offer to subordinate any adjacent ground.

We have no representative who can live with this drilling along side lines and we, therefore, will not recommend any drilling less than 200 feet from any of his property lines unless he will subordinate the adjoining ground.

Reviewed by
DMEA OPERATING COMMITTEE
11-18-53
(date)

Mr. Keiser's memorandum attached to your letter suggested that the Field Team express its opinion on Fischer's and Strobel's statements of August 8, 1953 regarding certain mining problems and whether the expected amount of ore that might be found will be enough to repay the DMEA loan. The Field Team is in agreement with both statements. The cost of stripping might be higher than other current operations in the district as to require larger or richer ore bodies in order to justify mining and this consideration also justifies the wider spacing of primary holes.

We recommend that this application be denied on the basis of the applicant's failure to subordinate adjoining ground and his insistence on drilling an excessive number of holes.

W. H. King

W. H. King

for E. N. Hawkman

A. H. Koschmann

Enclosure

11/12/53 fa

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

DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
RECEIVED
NOV 6 1953

224 New Customhouse
Denver 2, Colorado

November 5, 1953

Memorandum

To: Chairman, Operating Committee, DMEA

From: DMEA Field Team, Region IV

Subject: Docket No. DMEA 3190 (Uranium), Richard Vopat, et al., Flat Top-Vilatie Hyde Claims, McKinley County, New Mexico

This is in reply to your letter of November 2, 1953, on the subject docket.

The original application requested $19,000.00 and was docketed DMEA-2897. The Field Team would have recommended a total of 78 holes at a cost of $4,531.80. The applicant, however, submitted an amended application for $37,139.93 to drill 532 holes.

The enclosed copy of the conveyance from Mr. Manol to Mr. Vopat indicates that Mr. Manol still owns a 4/5 interest in this property and by the terms of the conveyance retains the entire control of all operations on said premises. We have requested, but have never received from Mr. Vopat, a copy of the conveyance from him to his partnership. Mr. Manol wholly owns or controls the land on at least three sides of the subject property and it appears that possibly Mr. Vopat, et al. were used as "dummies" to submit the application.

Mr. Manol telephoned November 4, 1953, and stated that he would reply to Mr. E. W. Ellis' letter of October 29, 1953 re Docket DMEA-3089 and offer to subordinate any orebody found by DMEA which extended into adjacent ground. However, he did not offer to subordinate any adjacent ground.

fair enough for this type of ore body occurrence

We have no representative who can live with this drilling along side lines and we, therefore, will not recommend any drilling less than 200 feet from any of his property lines unless he will subordinate the adjoining ground.

Mr. Keiser's memorandum attached to your letter suggested that the Field Team express its opinion on Fischer's and Strobel's statements of August 8, 1953 regarding certain mining problems and whether the expected amount of ore that might be found will be enough to repay the DMEA loan. The Field Team is in agreement with both statements. The cost of stripping might be higher than other current operations in the district as to require larger or richer ore bodies in order to justify mining and this consideration also justifies the wider spacing of primary holes.

We recommend that this application be denied on the basis of the applicant's failure to subordinate adjoining ground and his insistence on drilling an excessive number of holes.

W H King
W. H. King

for E.N. Hauchman
A. H. Koschmann

Enclosure

DEPARTMENT OF THE INTERIOR
Bureau of Land Management
RECEIVED
1953

QUITCLAIM DEED

THIS INDENTURE, Made this 10th. day of January, 1952 between FRANK O. MANOL and HAZEL I. MANOL, husband and wife, of Aztec, New Mexico, parties of the First Part, and RICHARD VOPAT of Scott City, Kansas Party of the Second Part, WITNESSETH:

That the said parties of the First Part for the sum of One and no/100($1.00) Dollar and other good and valuable considerations to them in hand paid by the said Party of the Second Part, receipt whereof is hereby acknowledged, do by these presents demise, release and forever quitclaim unto the said party of the Second Part and to his heirs and assigns an undivided one-fifth (1/5) interest in and to the following described lode mining claims located in the South half of the South East quarter of Section Thirty (30) in Township Thirteen (13) North, Range Nine (9) West, N.M.P.M., McKinley County, New Mexico, more particularly described as follows, to wit:

(1) Flat top Vilatie Hyde No. 1 as per notice of Lode Mining Location filed for record on December 11, 1950, in the office of the County Clerk of McKinley County, New Mexico, and recorded in Book 10, Miscelaneous Records, Page 287;

(2) Flat Top Vilatie Hyde No. 2 as per notice of Lode Mining Location filed for record on December 11, 1950, in the office of the County Clerk of McKinley County, New Mexico, and recorded in Book 10, Miscelaneous Records, Page 288;

(3) Flat Top Vilatie Hyde No. 3 as per notice of Lode Mining Location Filed for record on December 11, 1950, in the office of the County Clerk of McKinley County, New Mexico, and recorded in Book 10, Miscelaneous Records, Page 288;

(4) Flat Top Vilatie Hyde No. 1 as per amended copy of Notice of Lode Mining Location filed for record April 6, 1951, in the office of the County Clerk of McKinley County, New Mexico, and recorded in Mining Claim Book No. 3, Page 145;

(5) Flat Top Vilatie Hyde No. 2 as per amended copy of Notice of Lode Mining Location filed for record April 6, 1951, in the office of the County Clerk of McKinley County, New Mexico, and recorded in Mining Claim Book No. 3, Page 146;

(6) Flat Top Vilatie Hyde No. 3 as per amended copy of Notice of Lode Mining Location filed for record April 6, 1951, in the office of the County Clerk of McKinley County, New Mexico, and recorded in Mining Claim Book No. 3, page 146;

(7) Flat Top Vilatie Hyde No. 1 as per notice of Lode Mining Location filed for record April 27, 1951, in the office of the County Clerk of McKinley County, New Mexico and recorded in 3 N. of L. 182

(8) Flat Top Vilatie Hyde No. 2 as per notice of Lode Mining Location filed for record April 27, 1951, in the office of the County Clerk of McKinley County, New Mexico, and recorded in 3 N. of L. 192

(9) Flat Top Vilatie Hyde No. 3 as per notice of Lode Mining Location filed for record April 27, 1951, in the office of the County Clerk of McKinley County, New Mexico, and recorded in 3 N. of L. 193,

Said Lode Mining Claims being those described in the Escrow Agreement between Vilatie W. Hyde and Arthur W. Hyde, wife and husband, as parties of the first part and Frank O. Manol as party of the second part, dated May 23, 1951, and filed May 24, 1951, in the office of the County Clerk and Ex-officio Recorder of McKinley County, New Mexico, and recorded in Book 10, Miscelaneous Records, page 356 of the records of said County and being also the same claims as those described in the Special Warranty Deed from Vilatie W. Hyde and Arthur W. Hyde, wife and husband, dated December 15, 1951 and filed for record on December 17, 1951, in the office of the County Clerk and Ex-officio Recorder of McKinley County, New Mexico, and recorded in Book 10 of Warranty Deeds at page 586 of the records of said County.

Said Mining Claims are conveyed subject to all the terms and conditions of the aforesaid Escrow Agreement and Special Warranty Deed and said one-fifth (1/5) interest shall bear its proportionate share of the royalties reserved by the said Vilatie W. Hyde and Arthur W. Hyde, wife and husband, and this conveyance is upon condition that the grantee shall assume, together with the holders of the remaining undivided interest in said mining claims, all the affirmative obligations contained in said escrow agreement and the acceptance of this deed by the said grantee shall be deemed his consent to this covenant.

RESERVING, HOWEVER, unto the Parties of the First Part, their heirs and assigns, a royalty interest of ten (10%) per cent of all minerals mined and marketed from said premises by said grantee, his legal representatives, successors and assigns, and the holders of the remaining interests in said mining claims, the proportion of said royalty interest chargeable to the one-fifth (1/5) undivided interest herein conveyed being two (2%) per cent.

With respect to said royalty interest retained and reserved by the grantors in said claims it is understood and agreed that said interest is and shall always be a royalty interest and shall not be charged with any of the cost which the grantee may incur in exploring, drilling, mining, developing and operating any mines for the production of said minerals or for the marketing thereof. The said grantee shall account to and pay over to the grantors monthly, on or before the 15th. day of each month, all amounts due by the said grantee on account of minerals produced and sold during the preceding calendar month.

It is expressly understood and agreed that operations, if any, on said premises and the extent and duration thereof shall be solely at the will of the grantee herein, his heirs, legal representatives, successors and assigns.

TO HAVE AND TO HOLD all and singular the said premises together with the appurtenances unto the Party of the Second Part and to his heirs and assigns forever.

IN WITNESS WHEREOF, the said Parties of the First Part have hereunto set their hands and seals the day and year first above written.

FRANK O. MANOL

HAZEL I. MANOL

STATE OF NEW MEXICO)
) ss.
County of San Juan)

On this 23 day of January, 1952, before me personally appeared FRANK O. MANOL and HAZEL I. MANOL, husband and wife, to me known to be the persons described in and who executed the foregoing instrument, and acknowledged that they executed the same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal on the day and year first above written.

Esther S. Crane
Notary Public

(SEAL)

My commission expires:

Oct. 18, 1954

State of New Mexico)
County of McKinley) ss. #26044

Filed for record in the Clerk's office the 5th. day of February A.D. 1952 at 11:56 o'clock A.M. and recorded in Book 6 of G.C. Deeds on page 438

Ernest C. Garcia
County Clerk

By J. Ganzales
Deputy

STANDARD FORM NO. 64

10/27/53 gla

Office Memorandum • UNITED STATES GOVERNMENT

TO : E.Wm. Ellis, DMEA Member, Uranium Commodity Committee

DATE: October 19, 1953

FROM : Arthur P. Butler, Jr., USGS Member, Uranium Commodity Committee

SUBJECT: Amended Application DMEA Docket 2897 (Uranium), Richard Vopat partnership, applicant, 601 Court Street, Scott City, Kansas; Flat Top--Vilatie Hyde claims, Nos. 1 - 3, S½ SE¼, Sec. 30, T. 13 N., R. 9 W., McKinley County, New Mexico

The amended application for Government assistance to explore the property identified above has been reviewed. This memorandum together with the application are being forwarded through Mr. J. O. Hosted for his information, and a copy of this memorandum has been sent to Mr. H. D. Keiser, Bureau of Mines member of the Uranium Commodity Committee.

Comment

The amended application presents no geologic information pertinent to exploration of this property not already available in the Field Team report and accompanying memoranda presenting results of the examination made in connection with the previous application. Under the new application, however, arrangements are made for radioactivity logging of holes that are drilled. All the available evidence and comment indicates such logging to be desirable. It is probable, however, that permanent records would be desirable only for those parts of the holes penetrating bed rock.

In view of the points brought out by J. D. Strobell in connection with the previous examination, the density of fill-in drilling proposed by the applicant is absurdly detailed and it is exceedingly doubtful that any holes should be spaced less than 50 feet apart.

In general, the comments made by Strobell in his memorandum of August 18 to R. P. Fischer, in connection with the Field Team report, and the points made in my memorandum to you of September 15, and H. D. Keiser's memorandum of about the same time, commenting on the report and Strobell's memorandum, are equally applicable to the amended application.

In summary, the area is at least moderately favorable for the presence of uranium ore, but the plan of exploration should be such that effort will be concentrated only on finding ore bodies that are large enough to be mined under the mining conditions likely to prevail, i.e., probably open pit through deep over burden.

Further field examination for geologic reasons appears unnecessary, and thorough consultation was effected with the Grants staff of the Atomic Energy Commission during the previous examination.

Recommendation

I suggest that the application be referred to the Field Team for appraisal of the mining problem and their recommendations as to how those problems should influence the plan of exploration.

Copies to: E. Wm. Ellis (2)

Arthur P. Butler, Jr.

10/21/53 gla

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 20 1953

October 19, 1953

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee, Room 4640

From: H. D. Keiser, Bureau of Mines Member
Uranium Commodity Committee

Subject: DMEA Docket 3190, Richard Vopat, et al., Flat Top-Vilatie Hyde claims, McKinley County, New Mexico

I have reviewed the application included in the subject docket and discussed it with Joseph O. Hosted, representative of the Atomic Energy Commission.

With reference to my memorandum of September 4 relative to DMEA Docket 2897, it is recommended that (1) the application be forwarded to the Field Team for investigation and report, (2) the Field Team report include either a copy of its previous report recommending drilling in the amount of $4,531.80 or an appropriate revision of that report, and (3) the Field Team report include an appraisal of the comments of R. P. Fischer, as presented in his memorandum of August 18, and of J. D. Strobell, Jr., as presented in his memorandum of the same date.

In connection with an appraisal of the comments of Fischer and Strobell, it is suggested that the Field Team be requested to express its opinion on Fischer's statement "Strobell points out, however, certain mining problems in the areas of these claims, and questions whether the expected amount of ore that might be found will be enough to repay the DMEA loan," and on Strobell's statement on the same subject which appears in the first two paragraphs on page 2 of his memorandum of August 18.

H D Keiser

H. D. Keiser

Attachment

FILE COPY
SURNAME:

Murphy

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

NOV 9 1953

Mr. Richard Voyat, et al
601 Court Street
Scott City, Kansas

Re: Docket No. [illegible] A-3190 (Grandin)
Flat Top-Vibrite Hyde claims
McKinley County, New Mexico

Dear Mr. Voyat:

The above-docketed amended application, which replaces the original application (Docket No. [illegible] A-2897), has been reviewed by the Rare and Miscellaneous Metals Division of the Defense Minerals Exploration Administration. It has been referred to the Executive Officer of Region IV at the following address:

Mr. L. G. King,
Executive Officer,
DMEA Field Team, Region IV,
22[illegible] New Customhouse Building,
Denver 2, Colorado.

The Regional Office will contact you regarding this application if additional information is required.

Sincerely yours,

J. J. Massendorf (fw)

Administrator

RMurphy/gla 11-9-53
cc to: Adm. Reading File
Docket
DMEA Field Team, Region IV (2)
Mr. Ellis
Mr. Murphy

R.C.G. 11-9-53

FILE COPY
SURNAME:

Murphy
Ellis
Selfridge
Johnson
Mallendorf

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

Mr. [illegible] King
Executive Officer
DMA Field Team, Region IV
22[illegible] New Customhouse Building
Denver 2, Colorado

NOV 2 1953

Re: Docket No. DMA-3190 (Uranium)
Richard Vopat, et al
Flat Top-Wilatis Hyde claims
McKinley County, New Mexico

Dear Mr. King:

The above-docketed amended application which replaces the original application (Docket No. DMA-2[illegible]97), is referred to your office for a field examination or a report based on information available to your office. A copy of the amended application was retained by your office.

Copies of memoranda both dated October 19, 1953, from Mr. [illegible] P. Butler, Jr., and Mr. H. D. Keiser, containing comments and recommendations pertinent to this exploration proposal are enclosed.

This application covers land in the [illegible] of the [illegible] of Section 30, T 13 N, R 9 W. Mr. Ernest [illegible] Ellis has written Mr. F. O. Manol concerning other areas in this section (Docket No. DMA-3039); copies of this letter dated October 28, 1953, were forwarded to you. In our opinion the question concerning the discovery of ore bodies which might extend into adjacent properties, referred to in this letter, also applies to the land listed in the subject application. We understand Mr. Manol also has an interest in the subject property. Therefore, we suggest that you discuss this matter with him and also the questions brought out in the above mentioned letter from Mr. Ellis to Mr. Manol.

If your office recommends either the proposed program as submitted, or an alternate one approved by the Applicant, kindly furnish us the detailed information required to draft a contract.

We are also enclosing a sketch of areas in Section 30, compiled from data available here, which may assist you in your discussion with Mr. Manol.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee (24B)

Enclosures 4

Concur:

J. H. Hedges
[illegible]ber, Bureau of Mines (24B)

T. P. Thayer
Director, Geological Survey (24B)

Ellis
Murphy

Docket
Reading File Messrs: H. D. Keiser, Rm. 3641

R. C. 11-2-53

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

Defense Minerals Exploration Administration
RECEIVED
OCT 20 1953

224 New Customhouse
Denver 2, Colorado

October 12, 1953.

Memorandum

To: Secretary to the Operating Committee, Defense Minerals Exploration Administration

From: Field Team, Region IV

Subject: (Uranium) - Amended Application of Richard Vopat et al., Flat Top-Vilatie Hyde Claims, McKinley County, New Mexico.

Enclosed are two copies of the amended application of Richard Vopat requesting exploration aid in the amount of $37,139.93. One copy of the application and supplemental information is being retained in this office. In accordance with your letter of October 6, 1953 one copy is being sent to Arthur P. Butler, Jr.

The applicant's original application was docketed DMEA-2897 and was a request for $19,000.00. The Field Team recommended a total of 78 holes at an estimated cost of $4,531.80 for a total of 5,460 feet of hole.

The amended application requests $37,139.93 for drilling 532 holes a total footage of 37,474 feet.

for John T. Shaw
W. H. King

A. H. Koschmann
A. H. Koschmann

Enclosures

cc: Arthur P. Butler, Jr.
(w/Encl.)

GEOLOGICAL
TEP
REC
OC

RICHARD VOPAT
Scott City, Kansas
September 22, 1953

Executive Officer
DMEA
224 New Customhouse Building
Denver 2, Colorado

Dear Sir:

Enclosed is our amended application for DMEA assistance in the exploration of three mining claims we have in the Grants, New Mexico Mining District.

We feel our original application did not present or propose an adequate exploration program. We know much more about these claims now, consequently we think the amended application should be presented for your consideration.

Inclusions herewith are:

Amended DMEA Form MF-103----------4 copies
4 pages supplementing Form MF-103----------4 copies
Drilling and Logging Bid----------4 copies
Structure-contour map----------4 copies

Very truly yours,

Richard Vopat
Richard Vopat

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

AMENDED 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-2897
Metal or Mineral
Date Received
Estimated Cost
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: Richard Vepat, 601 Court st., Scott City, Kansas--Partnership State of Kansas--Howard T. Young, 911 Church St., Scott City, Kansas; Dr. R. H. Spencer, 606 Russell St., Scott City, Kansas; Fred W. Heine, Lucas, Kansas; Robert B. McNeely, 337 So. Terrace Dr., Wichita, Kansas

(*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 2 2/3 Claims, Containing Approximately 46 2/3 Acres; Located in the South Half (S½) of the Southeast Quarter (SE¼) Section Thirty (30), Township 13 North (13N), Range 9 West (R-9W), McKinley County, New Mexico

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

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

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

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

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

4. *Physical description.*—(*a*) Describe in detail any mining or exploration operations which have been or now are being conducted upon the land, including existing mine workings and production facilities. State your interest, if any, in such operations. Also describe accessibility of mine workings for examination purposes.

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

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

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

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

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

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

(*c*) The work will start within 90 days and be completed within six months from the date of an exploration project contract.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Explain in detail on acompanying paper.

CERTIFICATION

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

Dated September 22, 1953

Richard Vogt
(Applicant)

By

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

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

3f Three (3) lode mining claims described as follows:

(1) Flat Top Vilatie Hyde No. 1 as per notice of Lode Mining Location filed for record on December 11, 1950, in the office of the County Clerk of McKinley County, New Mexico, and recorded in Book 10, Miscellaneous Records, page 287; refiled on April 6, 1951, and recorded in Mining Claim Book No. 3, page 145; refiled April 27, 1951, and recorded in 3 M. of L., page 182;

(2) Flat Top Vilatie Hyde No. 2 as per notice of Lode Mining Location filed for record on December 11, 1950, in the office of the County Clerk of McKinley County, New Mexico, and recorded in Book 10, Miscellaneous Records, page 288; refiled on April 6, 1951, and recorded in Mining Claim Book No.3, page 146; refiled April 27, 1951, and recorded in 3 M. of L., page 192;

(3) Flat Top Vilatie Hyde No. 3 as per notice of Lode Mining Location filed for record on December 11, 1950, in the office of the County Clerk of McKinley County, New Mexico, and recorded in Book 10, Miscellaneous records, page 288; refiled on April 6, 1951, and recorded in Mining Claim Book No. 3, page 146; refiled April 27, 1951, and recorded in 3 M. of L., page 193.

SUPPLEMENTAL INFORMATION TO FORM MF-103

4a We have drilled a few test holes with a Wagon Drill on Flat Top No. 1 claim. The attached structure-contour map shows the holes drilled. Some of the holes had traces of radio-activity. However the wagon drilling was very unsatisfactory, no logs or assays were obtained and we believe this work should be disregarded in its entirety in view of the new and much better exploration practices now available in the area.

The subject land is most easily accessible for examination purposes. Starting from Grants, N. M. going 3 miles west on U. S. Highway 66 to a "T" intersection of San Mateo Road going north and right, thence almost eleven miles north on San Mateo Road to a cattle-guard on the west and left, thence two miles west on a road going across the cattle guard. You will then be at the Manol Mining operation. Our claims join the land on which this mining operation is being conducted immediately to the east.

4b Not applicable

4c The property to be explored is a colluvial covered dip slope bench of the Todilto Limestone formation of upper Jurassic age. Uranium minerals found in the Todilto Limestone are tyuymanite, uranophane, and small amounts of pitchblende. The minerals have been deposited along fractures, bedding planes, and individual crystals of calcite. These ores are intimately associated with hematite and psilomelane.

The uranium deposits in the Todilto are essentially tabular bedded deposits ranging in thickness up to twenty-one feet, and in lateral extent to over 100,000 square feet.

We believe the land covered by this application merits exploration for uranium ores for the reason that adjoining sections of land on the north, west, and south all have substantial known ore reserves. Also in the very same section of land is a mine operated by Mr. Manol that has produced more than 7,500 tons of ore assaying considerable better than .20% in seven actual working months. In other words the land covered by this application is in the middle of a proven ore belt.

Also, exploration conditions are simple and easy. The terrain is very level making it possible to bring in anywhere, and to move easily anywhere, mobile drilling equipment. The ore horizon is uniform and well defined. Drilling depths are not excessive.

4d Accessibility of the project is excellent. Access roads are good. Distance to the Anaconda Copper Mining Company buying station at Bluewater, New Mexico is only 18 miles. Supply points are good. Residence points are fair.

4e Manpower, materials, supplies, equipment, water, and power are all abundant.

Richard Vopat
Scott City, Kansas

SUPPLEMENTAL INFORMATION TO FORM MF-103

5b The attached structure-contour-map defines the three claims we propose to explore with the DMEA loan we are applying for herewith. Our primary drilling grid is plotted on the map, and drilling depths are shown immediately beneath the drilling locations. Depths are carried five feet below the ore bearing Todilto Limestone to take care of miner caving of the blow sand overburden.

All proposed exploratory drilling will be done with a rotary drilling rig, drilled, dry, compressed air being the medium of circulation. This method of drilling was introduced into this area during the past six months and has proven to be very superior to wagon drilling. The cost is much less.

The 200 foot grid will be our basic grid, excepting in areas with drilling depths of 65 feet or less in which the 100 foot grid will be our basic grid. All off-set holes to our basic grids will be predicated on a show of abnormal radio-activity. Our drilling patterns will be systematically shortened as necessary using 100 foot, 50 foot, and 25 feet grids in suspect areas. The 25 foot grid will be used to outline and evaluate ore bodies.

The Four Corners Exploration Company of Grants, New Mexico advises us that we can expect up to 20% of the total area to be explored hereunder to show varying degrees of mineralization requiring intensive exploration.

All holes will be logged by a mobile radiometric logging unit and a permanent record of the intensity of the gamma radiation for every inch of every hole will be procured and kept in our files. This very sensitive instrument greatly increases chances for discoveries and simultaneously cuts uranium exploration cost tremendously by eliminating the need of core drilling, and much of the catching of drill cuttings for assay purposes. The instrument enables the project supervisor to decide immediately where to drill off-set holes. No waiting for assays is necessary.

Only on the final 25 foot grid will we catch cuttings. This will be done every two feet while in the ore bearing limestone formation. These will be sacked and cataloged, and field checked with a good sensitive Geiger Counter. Those samples of cuttings which show uranium mineralization approaching ore grade or better will be carefully assayed by radiometric methods and a systematic permanet record of them will be kept. This information will then be used to evaluate any ore bodies discovered.

We are informed that radiometric assays of ore in the Todilto Limestone formation are in equilibrium with chemical assays. Therefore no costly chemical assays are contemplated.

5d The writer, Richard Vopat, will supervise the exploration program. The Four Corners Exploration Company of Grants, New Mexico will be engaged for geologic consultation, surveying and laying-out grids, radiometric logging, radiometric assaying, and mine evaluation. They are intimately familiar with the geologic conditions of the land to be explored.

Richard Vopat
Scott City, Kansas

DRILLING COMPUTATIONS

(1) Total area to be drilled is 1320' x 1560', or a total of 2,059,200 square feet.

(2) All holes are carried 5 feet below ore bearing Todilto Limestone formation. Average depth of holes as determined with attached structure-contour map is 70.44 feet.

(3) Primary grid is on 200' centers, each hole serving 40,000 square feet of area.
Secondary " " " 100' " , " " " 10,000 " " " ".
Third " " " 50' " , " " " 2,500 " " " ".
Final " " " 25' " , " " " 625 " " " ".

(4) 617,760 SF (30% of area) it is estimated will have to be drilled on 200' grid only.
1,029,600 SF (50% of area) it is estimated will have to be drilled on 100' grid only.
205,920 SF (10% of area) it is estimated will have to be drilled on 50' grid only.
205,920 SF (10% of area) it is estimated will have to be drilled on 25' grid only.

(5) 617,760 SF divided by 40,000 SF equals 16 holes.
1,029,600 SF divided by 10,000 SF equals 103 holes.
205,920 SF divided by 2,500 SF equals 83 holes.
205,920 SF divided by 625 SF equals 330 holes.
562

(6) Maximum total number of holes contemplated in this drilling program is 532. If the 200' grid and 100' grid (100' grid in area 65' or less deep) produce no suspect areas only 124 holes will be drilled The actual figure will be somewhere between 124 and 532 depending on the amount of success in locating ore bodies.

(7) 12½% of holes will be more than 100' deep averaging 113.6'.

(8) Total drilling footage 100' deep or less	36,563' @ $.50 per foot	$ 18,281.50
" " " 101' " " plus	911' @ $ 1.00 per foot	911.00

(9) Catching cuttings for assay purposes. This will be done on final holes only. 330 holes for 24' in each. Total 7,920' @ $.50 — 3,960.00

TOTAL MAXIMUM DRILLING COSTS INCLUDING CATCHING OF CUTTINGS FOR ASSAYS $ 23,152.50

Richard Vopat
Scott City, Kansas

SUPPLEMENTAL INFORMATION TO FORM MF-103

		Quantity	Unit Cost	Total
6a	Independent Contracts			
	Drilling Test Holes 0 to 100 ft.	36,563 ft.	$ .50	$ 18,281.50
	Drilling Test Holes 101 to 200 Ft.	911 ft.	1.00	911.00
	Blowing & Catching Drill Hole Cuttings for Assay Purposes	7,920 ft.	.50	3,960.00
	Radiometric Log of Test Holes	26,600 ft.	.15	3,990.00
	Radiometric Scan of Test Holes	10,874 ft.	.07	761.18
	Radiometric Assay of Cuttings This includes mixing, pulverizing, and assaying	1,980	1.00	1,980.00
	Geologic consultation, Surveying and Laying-out Grid, Mine Evaluation	37,474 ft.	.05	1,873.70
	TOTAL INDEPENDENT CONTRACTS			$ 31,757.38
6b	Supervision, accounting, transportation and travel expenses. These services to be personally provided by Richard Vopat on a footage basis on amount of work accomplished	37,474 ft.	.10	3,747.40
6c	None			
6d	None			
6e	None			
6f	None			
6g	New Mexico School Tax 2% on contracts			635.15
6h				1,000.00
	TOTAL MAXIMUM COST OF PROJECT			$ 37,139.93

Please note entire project is on contract or unit cost basis. This makes for a simple determination of costs no matter what quantities of work have been performed when the project is completed.

This is a maximum estimate based on very favorable results. It is very likely that we will not need the total amount of money in this estimate. Yet we must be prepared to carry out a sound program to a proper conclusion should substantial discoveries be made.

Richard Vopat
Scott City, Kansas

UTAH | COLORADO
ARIZONA | NEW MEXICO

Four Corners Exploration Company

P. O. BOX 101 GRANTS, NEW MEXICO

IRVING RAPAPORT
F. O. MANOL

September 3, 1953

Richard Vopat
Scott City, Kansas

Gentlemen:

Below are our prices for drilling services, geologic services, radiometric logging services, and radiometric assay services on your claims in Section 30, Twp. 13, Range 9 West, McKinley County, New Mexico.

Drilling:

1st 100 feet or any part thereof	$.50 per ft.
2nd 100 feet or any part thereof	1.00 per ft.

Blowing hole clean and catching cuttings every two feet. $.50 per foot extra over regular prices.

Standby time $15.00 per hour.

Radiometric Logging:

Logging hole furnishing original copy of log to you. $.15 per foot

Scanning holes with logging unit but no transcript furnished. $.07 per foot.

With this service you can log just the suspected ore zones and scan for unexpected mineralization in other zones of the drill holes. Substantial savings can be effected in this manner.

Radiometric Assaying:

Mixing, pulverizing, and assaying drill hole cuttings. $1.00 each

Geologic Services:

Geologic consultation, surveying and laying-out grids, and mine evaluation. $.05 per foot.

We believe we are the only organization in the uranium exploration business providing a complete package deal exploration service, combining all necessary services into one easy to administer contract.

Very truly yours,

F. O. Manol

F. O. Manol

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

Department of the Interior
Defense Minerals Administration
RECEIVED
OCT 16 1953

AMENDED 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-3190
Metal or Mineral
Date Received 10-16-53
Estimated Cost
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: Richard Vopat, 601 Court st., Scott City, Kansas--Partnership State of Kansas--Howard T. Young, 911 Church St., Scott City, Kansas; Dr. R. H. Spencer, 606 Russell St., Scott City, Kansas; Fred W. Heine, Lucas, Kansas; Robert B. McNeely, 337 So. Terrace Dr., Wichita, Kansas

(*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 2 2/3 Claims, Containing Approximately 46 2/3 Acres; Located in the South Half (S½) of the Southeast Quarter (SE¼) Section Thirty (30), Township 13 North (13N), Range 9 West (R-9W), McKinley County, New Mexico

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

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

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

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

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

4. *Physical description.*—(*a*) Describe in detail any mining or exploration operations which have been or now are being conducted upon the land, including existing mine workings and production facilities. State your interest, if any, in such operations. Also describe accessibility of mine workings for examination purposes.

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

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

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

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

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

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

(*c*) The work will start within 90 days and be completed within six months from the date of an exploration project contract.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Explain in detail on acompanying paper.

CERTIFICATION

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

Dated September 22, 1983

Richard Vopat
(Applicant)

By

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

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

IN REPLY REFER TO:

Orig for Docket

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

September 15, 1953

SEP 1 1953

R. Wm. Ellis, DMEA Member, Uranium Commodity Committee

Arthur P. Butler, Jr., USGS Member, Uranium Commodity Committee

Field Team Report of Examination, DMEA Docket 2897 (uranium), Richard Vopat partnership, applicant, Flat Top-Vilatie Hyde claims, Nos. 1-3, S½ SE¼ Sec. 30, T. 13 N., R. 9 W., McKinley Co., N. Mex.

It is noted that the application discussed in the Field Team report concerning exploration at the property identified in the subject above has been placed in the inactive file of Region IV, because of the failure of the applicant to furnish information necessary for preparation of a contract. Should the application be restored to an active status I believe that the following comments should be brought to the attention of the Field Team. The report has been discussed with H. D. Keiser, Bureau of Mines member, Uranium Commodity Committee.

The examining members of the Field Team recommended rotary air drilling of 197 primary holes spaced 100 feet apart and 132 closer spaced offset holes to define ore discovered by the primary holes. The Field Team suggested that the number of primary holes be reduced to 47 by spacing holes 200 feet apart in a staggered pattern so that holes in alternate rows would be offset 100 feet with respect to holes in the adjoining rows. The report and the Field Team's suggestion were sent to the Geological Survey's Acting District Supervisor, Colorado Plateau district and referred by him to J. D. Strobell, Geologist, Geological Survey, for comment.

Strobell, as set forth in a memorandum accompanying the report, concurred in the smaller revised number of holes for the primary pattern and comments that the number of additional offset holes that might be required is difficult to estimate, but that judging from neighboring properties from 10 to 20 percent of the property might be expected to be sufficiently mineralized to warrant offset drilling.

In addition, Strobell presents an analysis of probable spacing and size of ore bodies that should be considered in arriving at the size of target to be sought. He also points out, as noted by R. P. Fischer in his covering memorandum of August 18 returning the report and Strobell's comments to the Field Team, certain mining problems that make it questionable whether or not the expected amount of ore could be mined and permit repayment of a DMEA loan.

The documents accompanying the report do not indicate what consideration was given to the points raised by Strobell. Although the property appears to be favorable for the discovery of ore bodies of average size for the district, I believe that if the docket is restored to an active status, consideration should be given by the Field Team as to whether or not average sized ore bodies could

be mined profitably under the conditions likely to prevail in mining. If they cannot, then I believe that an estimate should be made of the minimum sized ore body that could be mined successfully, and the plan of exploration modified to find ore bodies of that size and no smaller.

Copies to: E.W. Ellis (2)

IN REPLY REFER TO:

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

W. Wm. Ellis, DMEA Member, Uranium Commodity Committee

September 15, 1953

Arthur P. Butler, Jr., USGS Member, Uranium Commodity Committee

Field Team Report of Examination, DMEA Docket 2897 (uranium), Richard Vopat partnership, applicant, Flat Top-Vilatie Hyde claims, Nos. 1-3, S½ SE¼ Sec. 30, T. 13 N., R. 9 W., McKinlay Co., N. Mex.

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be mined profitably under the conditions likely to prevail in mining. If they cannot, then I believe that an estimate should be made of the minimum sized ore body that could be mined successfully, and the plan of exploration modified to find ore bodies of that size and no smaller.

Copies to: E.W. Ellis (2)

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 16 1953

224 New Customhouse
Denver 2, Colorado

October 12, 1953.

Memorandum

To: Secretary to the Operating Committee, Defense Minerals Exploration Administration

From: Field Team, Region IV

Subject: (Uranium) - Amended Application of Richard Vopat et al., Flat Top-Vilatie Hyde Claims, McKinley County, New Mexico.

Enclosed are two copies of the amended application of Richard Vopat requesting exploration aid in the amount of $37,139.93. One copy of the application and supplemental information is being retained in this office. In accordance with your letter of October 6, 1953 one copy is being sent to Arthur P. Butler, Jr.

The applicant's original application was docketed DMEA-2897 and was a request for $19,000.00. The Field Team recommended a total of 78 holes at an estimated cost of $4,531.80 for a total of 5,460 feet of hole.

The amended application requests $37,139.93 for drilling 532 holes a total footage of 37,474 feet.

8-27-53 Withdrawn R. Adams

for John F. Shea
W. H. King

A. N. Koschmann
A. N. Koschmann

Enclosures

cc: Arthur P. Butler, Jr.
(w/Encl.)

Mi[illegible]
Scott[illegible], Kansas
Se[illegible]ber 28, 1953

[illegible] OF THE [illegible]
Defense Minerals Administration
RECEIVED
OCT 1 [illegible]

Executive Officer
D[illegible]
2[illegible] Customhouse Building
Denver 2, Colorado

Dear Sir:

Enclosed is our amended application for DMA assistance in the exploration of three mining claims we have in the Grants, New Mexico Mining District.

We feel our original application did not present or propose an adequate exploration program. We know much more about these claims now, consequently we think the amended application should be presented for your consideration.

Inclusions herewith are:

Amended DMA Form F-103----------4 copies
4 pages supplementing Form F-103---------- 4 copies
Drilling and Logging Aid----------4 copies
Structure-contour map----------4 copies

Very truly yours,

Richard Vopat

Richard Vopat

SUPPLEMENTAL INFORMATION TO FORM MP-103

Bureau of Mines
Bureau Minerals Administration
RECEIVED
OCT 2 1983

3f Three (3) lode mining claims described as follows:

(1) Flat Top Vilatie Hyde No. 1 as per notice of Lode Mining Location filed for record on December 11, 1950, in the office of the County Clerk of McKinley County, New Mexico, and recorded in Book 10, Miscellaneous Records, page 287; refiled on April 6, 1951, and recorded in Mining Claim Book No. 3, page 145; refiled April 27, 1951, and recorded in 3 M. of L., page 182;

(2) Flat Top Vilatie Hyde No. 2 as per notice of Lode Mining Location filed for record on December 11, 1950, in the office of the County Clerk of McKinley County, New Mexico, and recorded in Book 10, Miscellaneous Records, page 288; refiled on April 6, 1951, and recorded in Mining Claim Book No.3, page 146; refiled April 27, 1951, and recorded in 3 M. of L., page 192;

(3) Flat Top Vilatie Hyde No. 3 as per notice of Lode Mining Location filed for record on December 11, 1950, in the office of the County Clerk of McKinley County, New Mexico, and recorded in Book 10, Miscellaneous records, page 288; refiled on April 6, 1951, and recorded in Mining Claim Book No. 3, page 146; refiled April 27, 1951, and recorded in 3 M. of L., page 193.

Kansas Minerals Commission
RECEIVED

SUPPLEMENTAL INFORMATION TO FORM MF-103

4a We have drilled a few test holes with a Wagon Drill on Flat Top No. 1 claim. The attached structure-contour map shows the holes drilled. Some of the holes had traces of radio-activity. However the wagon drilling was very unsatisfactory, no logs or assays were obtained and we believe this work should be disregarded in its entirety in view of the new and much better exploration practices now available in the area.

The subject land is most easily accessible for examination purposes. Starting from Grants, N. M. going 3 miles west on U. S. Highway 66 to a "T" intersection of San Mateo Road going north and right, thence almost eleven miles north on San Mateo Road to a cattle-guard on the west and left, thence two miles west on a road going across the cattle guard. You will then be at the Manol Mining operation. Our claims jein the land on which this mining operation is being conducted immediately to the east.

4b Not applicable

4c The property to be explored is a colluvial covered dip slope bench of the Todilto Limestone formation of upper Jurassic age. Uranium minerals found in the Todilto Limestone are tyuymanite, uranophane, and small amounts of pitchblende. The minerals have been deposited along fractures, bedding planes, and individual crystals of calcite. These ores are intimately associated with hematite and psilomelene.

The uranium deposits in the Todilto are essentially tabular bedded deposits ranging in thickness up to twenty-one feet, and in lateral extent to over 100,000 square feet.

We believe the land covered by this application merits exploration for uranium ores for the reason that adjoining sections of land on the north, west, and south all have substantial known ore reserves. Also in the very same section of land is a mine operated by Mr. Manol that has produced more than 7,500 tons of ore assaying considerable better than .20% in seven actual working months. In other words the land covered by this application is in the middle of a proven ore belt.

Also, exploration conditions are simple and easy. The terrain is very level making it possible to bring in anywhere, and to move easily anywhere, mobile drilling equipment. The ore horizon is uniform and well defined. Drilling depths are not excessive.

4d Accessibility of the project is excellent. Access roads are good. Distance to the Anaconda Copper Mining Company buying station at Bluewater, New Mexico is only 18 miles. Supply points are good. Residence points are fair.

4e Manpower, materials, supplies, equipment, water, and power are all abundant.

Richard Vopat
Scott City, Kansas

SUPPLEMENTAL INFORMATION TO FORM MF-103

5b The attached structure-contour-map defines the three claims we propose to explore with the DMEA loan we are applying for herewith. Our primary drilling grid is plotted on the map, and drilling depths are shown immediately beneath the drilling locations. Depths are carried five feet below the ore bearing Todilto Limestone to take care of minor caving of the blow sand overburden.

All proposed exploratory drilling will be done with a rotary drilling rig, drilled, dry, compressed air being the medium of circulation. This method of drilling was introduced into this area during the past six months and has proven to be very superior to wagon drilling. The cost is much less.

The 200 feet grid will be our basic grid, excepting in areas with drilling depths of 65 feet or less in which the 100 foot grid will be our basic grid. All off-set holes to our basic grids will be predicated on a show of abnormal radio-activity. Our drilling patterns will be systematically shortened as necessary using 100 feet, 50 feet, and 25 feet grids in suspect areas. The 25 foot grid will be used to outline and evaluate ore bodies.

The Four Corners Exploration Company of Grants, New Mexico advises us that we can expect up to 20% of the total area to be explored hereunder to show varying degrees of mineralization requiring intensive exploration.

All holes will be logged by a mobile radiometric logging unit and a permanent record of the intensity of the gamma radiation for every inch of every hole will be procured and kept in our files. This very sensitive instrument greatly increases chances for discoveries and simultaneously cuts uranium exploration cost tremendously by eliminating the need of core drilling, and much of the catching of drill cuttings for assay purposes. The instrument enables the project supervisor to decide immediately where to drill off-set holes. No waiting for assays is necessary.

Only on the final 25 foot grid will we catch cuttings. This will be done every two feet while in the ore bearing limestone formation. These will be sacked and cataloged, and field checked with a good sensitive Geiger Counter. Those samples of cuttings which show uranium mineralization appreaching ore grade or better will be carefully assayed by radiometric methods and a systematic permanet record of them will be kept. This information will then be used to evaluate any ore bodies discovered.

We are informed that radiometric assays of ore in the Todilto Limestone formation are in equilibrium with chemical assays. Therefore no costly chemical assays are contemplated.

5d The writer, Richard Vopat, will supervise the exploration program. The Four Corners Exploration Company of Grants, New Mexico will be engaged for geologic consultation, surveying and laying-out grids, radiometric logging, radiometric assaying, and mine evaluation. They are intimately familiar with the geologic conditions of the land to be explored.

Richard Vopat
Scott City, Kansas

DRILLING COMPUTATIONS

(1) Total area to be drilled is 1320' x 1560', or a total of 2,059,200 square feet.

(2) All holes are carried 5 feet below ore bearing Todilto Limestone formation. Average depth of holes as determined with attached structure-contour map is 70.44 feet.

(3) Primary grid is on 200' centers, each hole serving 40,000 square feet of area.
Secondary " " " 100' " , " " " 10,000 " " " " .
Third " " " 50' " , " " " 2,500 " " " " .
Final " " " 25' " , " " " 625 " " " " .

(4) 617,760 SF (30% of area) it is estimated will have to be drilled on 200' grid only.
1,029,600 SF (50% of area) it is estimated will have to be drilled on 100' grid only.
205,920 SF (10% of area) it is estimated will have to be drilled on 50' grid only.
205,920 SF (10% of area) it is estimated will have to be drilled on 25' grid only.

(5) 617,760 SF divided by 40,000 SF equals 16 holes.
1,029,600 SF divided by 10,000 SF equals 103 holes.
205,920 SF divided by 2,500 SF equals 83 holes.
205,920 SF divided by 625 SF equals 330 holes.

(6) Maximum total number of holes contemplated in this drilling program is 532. If the 200' grid and 100' grid (100' grid in area 65' or less deep) produce no suspect areas only 124 holes will be drilled The actual figure will be somewhere between 124 and 532 depending on the amount of success in locating ore bodies.

(7) 12½% of holes will be more than 100' deep averaging 113.6'.

(8) Total drilling footage 100' deep or less 36,563' @ $.50 per foot $ 18,281.50
" " " 101' " " plus 911' @ $ 1.00 per foot 911.00

(9) Catching cuttings for assay purposes. This will be done on final holes only. 330 holes for 24' in each. Total 7,920' @ $.50 3,960.00

TOTAL MAXIMUM DRILLING COSTS INCLUDING CATCHING OF CUTTINGS FOR ASSAYS $ 23,152.50

Richard Vopat
Scott City, Kansas

SUPPLEMENTAL INFORMATION TO FORM MF-103

		Quantity	Unit Cost	Total
6a	Independent Contracts			
	Drilling Test Holes 0 to 100 ft.	36,563 ft.	$ .50	$ 18,281.50
	Drilling Test Holes 101 to 200 Ft.	911 ft.	1.00	911.00
	Blowing & Catching Drill Hole Cuttings for Assay Purposes	7,920 ft.	.50	3,960.00
	Radiometric Log of Test Holes	26,600 ft.	.15	3,990.00
	Radiometric Scan of Test Holes	10,874 ft.	.07	761.18
	Radiometric Assay of Cuttings This includes mixing, pulverizing, and assaying	1,980	1.00	1,980.00
	Geologic consultation, Surveying and Laying-out Grid, Mine Evaluation	37,474 ft.	.05	1,873.70
	TOTAL INDEPENDENT CONTRACTS			$ 31,757.38
6b	Supervision, accounting, transportation and travel expenses. These services to be personally provided by Richard Vopat on a footage basis on amount of work accomplished	37,474 ft.	.10	3,747.40
6c	None			
6d	None			
6e	None			
6f	None			
6g	New Mexico School Tax 2% on contracts			635.15
6h				1,000.00
	TOTAL MAXIMUM COST OF PROJECT			$ 37,139.93

Please note entire project is on contract or unit cost basis. This makes for a simple determination of costs no matter what quantities of work have been performed when the project is completed.

This is a maximum estimate based on very favorable results. It is very likely that we will not need the total amount of money in this estimate. Yet we must be prepared to carry out a sound program to a proper conclusion should substantial discoveries be made.

Richard Vopat
Scott City, Kansas

UTAH | COLORADO
ARIZONA | NEW MEXICO

Four Corners Exploration Company

P. O. BOX 101 GRANTS, NEW MEXICO

IRVING RAPAPORT
F. O. MANOL

Minerals
RECEIVED

September 3, 1953

Richard Vopat
Scott City, Kansas

Gentlemen:

Below are our prices for drilling services, geologic services, radiometric logging services, and radiometric assay services on your claims in Section 30, Twp. 13, Range 9 West, McKinley County, New Mexico.

Drilling:

1st 100 feet or any part thereof	$.50 per ft.
2nd 100 feet or any part thereof	1.00 per ft.

Blowing hole clean and catching cuttings every two feet. $.50 per foot extra over regular prices.

Standby time $15.00 per hour.

Radiometric Logging:

Logging hole furnishing original copy of log to you. $.15 per foot

Scanning holes with logging unit but no transcript furnished. $.07 per foot.

With this service you can log just the suspected ore zones and scan for unexpected mineralization in other zones of the drill holes. Substantial savings can be effected in this manner.

Radiometric Assaying:

Mixing, pulverizing, and assaying drill hole cuttings. $1.00 each

Geologic Services:

Geologic consultation, surveying and laying-out grids, and mine evaluation. $.05 per foot.

We believe we are the only organization in the uranium exploration business providing a complete package deal exploration service, combining all necessary services into one easy to administer contract.

Very truly yours,

F. O. Manol

F. O. Manol

Mr. Richard Vopat, et al.
601 Court Street
Scott City, Kansas

October 16, 1953
Subject: DMEA-3190
Re: Exploration Assistance

Dear Mr. Vopat:

The receipt of your application dated September 22, 1953, for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-3190 and referred to the Rare and Miscellaneous Division.

Kindly refer to DMEA-3190 in any future correspondence relating to your application.

Sincerely yours,

ROBERT E. ADAMS

Robert E. Adams
Chief, Operations Control
and Statistics Division

P.S. Your application for financial assistance on an exploration project has been assigned a new docket number. The new number is Docket No. DMEA-3190.

ROBERT E. ADAMS

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

October 16, 1953

Memorandum

To: Executive Officer, DMEA Field Team, Region IV

From: Chief, Operation's Control and Statistics Division

Subject: Assignment of Docket Number DMEA-3190

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

DMEA - 3190 Richard Vopat et al.

ROBERT E. ADAMS

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

The above application of Richard Vopat, et al, has been reassigned Docket No. DMEA-3190 (Docket No. DMEA-2897 previously assigned was withdrawn August 27, 1953.

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 16 1953

224 New Customhouse
Denver 2, Colorado

October 12, 1953.

DMEA 3190

Memorandum

To: Secretary to the Operating Committee, Defense Minerals Exploration Administration

From: Field Team, Region IV

Subject: (Uranium) - Amended Application of Richard Vopat et al., Flat Top-Vilatie Hyde Claims, McKinley County, New Mexico.

Enclosed are two copies of the amended application of Richard Vopat requesting exploration aid in the amount of $37,139.93. One copy of the application and supplemental information is being retained in this office. In accordance with your letter of October 6, 1953 one copy is being sent to Arthur P. Butler, Jr.

The applicant's original application was docketed DMEA-2897 and was a request for $19,000.00. The Field Team recommended a total of 78 holes at an estimated cost of $4,531.80 for a total of 5,460 feet of hole.

The amended application requests $37,139.93 for drilling 532 holes a total footage of 37,474 feet.

withdrawn 8-27-53 C.H. Adams

for John F. Shaw
W. H. King

A. H. Koschmann
A. H. Koschmann

Enclosures

cc: Arthur P. Butler, Jr.
(w/Encl.)

RICHARD VOPAT
Scott City, Kansas
September 22, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 1 3 1953

Executive Officer
DMEA
224 New Customhouse Building
Denver 2, Colorado

Dear Sir:

Enclosed is our amended application for DMEA assistance in the exploration of three mining claims we have in the Grants, New Mexico Mining District.

We feel our original ap lication did not present or propose an adequate exploration program. We know much more about these claims now, consequently we think the amended ap lication should be presented for your consideration.

Inclusions herewith are:

Amended DMEA Form MF-103----------4 copies
4 pages supplementing Form MF-103----------4 copies
Drilling and Logging Bid----------4 copies
Structure-contour map----------4 copies

Very truly yours,

Richard Vopat

Richard Vopat

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 16 1953

AMENDED 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-3190
Metal or Mineral
Date Received 10-16-53
Estimated Cost
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: Richard Vopat, 601 Court st., Scott City, Kansas--Partnership State of Kansas--Howard T. Young, 911 Church St., Scott City, Kansas; Dr. R. H. Spencer, 606 Russell St., Scott City, Kansas; Fred W. Heine, Lucas, Kansas; Robert B. McNeely, 337 So. Terrace Dr., Wichita, Kansas

(*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 2 2/3 Claims, Containing Approximately 46 2/3 Acres; Located in the South Half (S½) of the Southeast Quarter (SE¼) Section Thirty (30), Township 13 North (13N), Range 9 West (R-9W), McKinley County, New Mexico

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

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

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

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

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

4. *Physical description.*—(*a*) Describe in detail any mining or exploration operations which have been or now are being conducted upon the land, including existing mine workings and production facilities. State your interest, if any, in such operations. Also describe accessibility of mine workings for examination purposes.

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

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

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

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

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

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

(*c*) The work will start within 90 days and be completed within six months from the date of an exploration project contract.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Explain in detail on acompanying paper.

CERTIFICATION

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

Dated September 22, 1953

Richard Yofat
(Applicant)

By

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

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

SUPPLEMENTAL INFORMATION TO FORM MF-103

Bureau of Mines
RECEIVED

3f Three (3) lode mining claims described as follows:

(1) Flat Top Vilatie Hyde No. 1 as per notice of Lode Mining Location filed for record on December 11, 1950, in the office of the County Clerk of McKinley County, New Mexico, and recorded in Book 10, Miscellaneous Records, page 287; refiled on April 6, 1951, and recorded in Mining Claim Book No. 3, page 145; refiled April 27, 1951, and recorded in 3 N. of L., page 182;

(2) Flat Top Vilatie Hyde No. 2 as per notice of Lode Mining Location filed for record on December 11, 1950, in the office of the County Clerk of McKinley County, New Mexico, and recorded in Book 10, Miscellaneous Records, page 288; refiled on April 6, 1951, and recorded in Mining Claim Book No.3, page 146; refiled April 27, 1951, and recorded in 3 N. of L., page 192;

(3) Flat Top Vilatie Hyde No. 3 as per notice of Lode Mining Location filed for record on December 11, 1950, in the office of the County Clerk of McKinley County, New Mexico, and recorded in Book 10, Miscellaneous records, page 288; refiled on April 6, 1951, and recorded in Mining Claim Book No. 3, page 146; refiled April 27, 1951, and recorded in 3 N. of L., page 193.

SUPPLEMENTAL INFORMATION TO FORM MF-103

4a We have drilled a few test holes with a Wagon Drill on Flat Top No. 1 claim. The attached structure-contour map shows the holes drilled. Some of the holes had traces of radio-activity. However the wagon drilling was very unsatisfactory, no logs or assays were obtained and we believe this work should be disregarded in its entirety in view of the new and much better exploration practices now available in the area.

The subject land is most easily accessible for examination purposes. Starting from Grants, N. M. going 3 miles west on U. S. Highway 66 to a "T" intersection of San Mateo Road going north and right, thence almost eleven miles north on San Mateo Road to a cattle-guard on the west and left, thence two miles west on a road going across the cattle guard. You will then be at the Manol Mining operation. Our claims join the land on which this mining operation is being conducted immediately to the east.

4b Not applicable

4c The property to be explored is a colluvial covered dip slope bench of the Todilto Limestone formation of upper Jurassic age. Uranium minerals found in the Todilto Limestone are tyuymanite, uranophane, and small amounts of pitchblende. The minerals have been deposited along fractures, bedding planes, and individual crystals of calcite. These ores are intimately associated with hematite and psilomelene.

The uranium deposits in the Todilto are essentially tabular bedded deposits ranging in thickness up to twenty-one feet, and in lateral extent to over 100,000 square feet.

We believe the land covered by this application merits exploration for uranium ores for the reason that adjoining sections of land on the north, west, and south all have substantial known ore reserves. Also in the very same section of land is a mine operated by Mr. Manol that has produced more than 7,500 tons of ore assaying considerable better than .20% in seven actual working months. In other words the land covered by this application is in the middle of a proven ore belt.

Also, exploration conditions are simple and easy. The terrain is very level making it possible to bring in anywhere, and to move easily anywhere, mobile drilling equipment. The ore horizon is uniform and well defined. Drilling depths are not excessive.

4d Accessibility of the project is excellent. Access roads are good. Distance to the Anaconda Copper Mining Company buying station at Bluewater, New Mexico is only 18 miles. Supply points are good. Residence points are fair.

4e Manpower, materials, supplies, equipment, water, and power are all abundant.

Richard Vopat
Scott City, Kansas

SUPPLEMENTAL INFORMATION TO FORM MF-103

5b The attached structure-contour-map defines the three claims we propose to explore with the DMEA loan we are applying for herewith. Our primary drilling grid is plotted on the map, and drilling depths are shown immediately beneath the drilling locations. Depths are carried five feet below the ore bearing Todilto Limestone to take care of minor caving of the blow sand overburden.

All proposed exploratory drilling will be done with a rotary drilling rig, drilled, dry, compressed air being the medium of circulation. This method of drilling was introduced into this area during the past six months and has proven to be very superior to wagon drilling. The cost is much less.

The 200 feet grid will be our basic grid, excepting in areas with drilling depths of 65 feet or less in which the 100 foot grid will be our basic grid. All off-set holes to our basic grids will be predicated on a show of abnormal radio-activity. Our drilling patterns will be systematically shortened as necessary using 100 feet, 50 feet, and 25 foot grids in suspect areas. The 25 foot grid will be used to outline and evaluate ore bodies.

The Four Corners Exploration Company of Grants, New Mexico advises us that we can expect up to 20% of the total area to be explored hereunder to show varying degrees of mineralization requiring intensive exploration.

All holes will be logged by a mobile radiometric logging unit and a permanent record of the intensity of the gamma radiation for every inch of every hole will be procured and kept in our files. This very sensitive instrument greatly increases chances for discoveries and simultaneously cuts uranium exploration cost tremendously by eliminating the need of core drilling, and much of the catching of drill cuttings for assay purposes. The instrument enables the project supervisor to decide immediately where to drill off-set holes. No waiting for assays is necessary.

Only on the final 25 foot grid will we catch cuttings. This will be done every two feet while in the ore bearing limestone formation. These will be sacked and cataloged, and field checked with a good sensitive Geiger Counter. Those samples of cuttings which show uranium mineralization approaching ore grade or better will be carefully assayed by radiometric methods and a systematic permanet record of them will be kept. This information will then be used to evaluate any ore bodies discovered.

We are informed that radiometric assays of ore in the Todilto Limestone formation are in equilibrium with chemical assays. Therefore no costly chemical assays are contemplated.

5d The writer, Richard Vopat, will supervise the exploration program. The Four Corners Exploration Company of Grants, New Mexico will be engaged for geologic consultation, surveying and laying-out grids, radiometric logging, radiometric assaying, and mine evaluation. They are intimately familiar with the geologic conditions of the land to be explored.

Richard Vopat
Scott City, Kansas

DRILLING COMPUTATIONS

(1) Total area to be drilled is 1320' x 1560', or a total of 2,059,200 square feet.

(2) All holes are carried 5 feet below ore bearing Tedilto Limestone formation. Average depth of holes as determined with attached structure-contour map is 70.44 feet.

(3) Primary grid is on 200' centers, each hole serving 40,000 square feet of area.
Secondary " " " 100' " , " " " 10,000 " " " " .
Third " " " 50' " , " " " 2,500 " " " " .
Final " " " 25' " , " " " 625 " " " " .

(4) 617,760 SF (30% of area) it is estimated will have to be drilled on 200' grid only.
1,029,600 SF (50% of area) it is estimated will have to be drilled on 100' grid only.
205,920 SF (10% of area) it is estimated will have to be drilled on 50' grid only.
205,920 SF (10% of area) it is estimated will have to be drilled on 25' grid only.

(5) 617,760 SF divided by 40,000 SF equals 16 holes.
1,029,600 SF divided by 10,000 SF equals 103 holes.
205,920 SF divided by 2,500 SF equals 83 holes.
205,920 SF divided by 625 SF equals 330 holes.

(6) Maximum total number of holes contemplated in this drilling program is 532. If the 200' grid and 100' grid (100' grid in area 65' or less deep) produce no suspect areas only 124 holes will be drilled The actual figure will be somewhere between 124 and 532 depending on the amount of success in locating ore bodies.

(7) 12½% of holes will be more than 100' deep averaging 113.6'.

(8) Total drilling footage 100' deep or less 36,563' @ $.50 per foot $ 18,281.50
" " " 101' " " plus 911' @ $ 1.00 per foot 911.00

(9) Catching cuttings for assay purposes. This will be done on final holes only. 330 holes for 24' in each. Total 7,920' @ $.50 3,960.00

TOTAL MAXIMUM DRILLING COSTS INCLUDING CATCHING OF CUTTINGS FOR ASSAYS $ 23,152.50

Richard Vopat
Scott City, Kansas

SUPPLEMENTAL INFORMATION TO FORM MF-103

		Quantity	Unit Cost	Total
6a	Independent Contracts			
	Drilling Test Holes 0 to 100 ft.	36,563 ft.	$ .50	$ 18,281.50
	Drilling Test Holes 101 to 200 Ft.	911 ft.	1.00	911.00
	Blowing & Catching Drill Hole Cuttings for Assay Purposes	7,920 ft.	.50	3,960.00
	Radiometric Log of Test Holes	26,600 ft.	.15	3,990.00
	Radiometric Scan of Test Holes	10,874 ft.	.07	761.18
	Radiometric Assay of Cuttings This includes mixing, pulverizing, and assaying	1,980	1.00	1,980.00
	Geologic consultation, Surveying and Laying-out Grid, Mine Evaluation	37,474 ft.	.05	1,873.70
	TOTAL INDEPENDENT CONTRACTS			$ 31,757.38
6b	Supervision, accounting, transportation and travel expenses. These services to be personally provided by Richard Vopat on a footage basis on amount of work accomplished	37,474 ft.	.10	3,747.40
6c	None			
6d	None			
6e	None			
6f	None			
6g	New Mexico School Tax 2% on contracts			635.15
6h				1,000.00
	TOTAL MAXIMUM COST OF PROJECT			$ 37,139.93

Please note entire project is on contract or unit cost basis. This makes for a simple determination of costs no matter what quantities of work have been performed when the project is completed.

This is a maximum estimate based on very favorable results. It is very likely that we will not need the total amount of money in this estimate. Yet we must be prepared to carry out a sound program to a proper conclusion should substantial discoveries be made.

Richard Vopat
Scott City, Kansas

UTAH | COLORADO
ARIZONA | NEW MEXICO

Four Corners Exploration Company

P. O. BOX 101 GRANTS, NEW MEXICO

IRVING RAPAPORT
F. O. MANOL

September 3, 1953

Richard Vopat
Scott City, Kansas

Gentlemen:

Below are our prices for drilling services, geologic services, radiometric logging services, and radiometric assay services on your claims in Section 30, Twp. 13, Range 9 West, McKirley County, New Mexico.

Drilling:

1st 100 feet or any part thereof	$.50 per ft.
2nd 100 feet or any part thereof	1.00 per ft.

Blowing hole clean and catching cuttings every two feet. $.50 per foot extra over regular prices.

Standby time $15.00 per hour.

Radiometric Logging:

Logging hole furnishing original copy of log to you. $.15 per foot

Scanning holes with logging unit but no transcript furnished. $.07 per foot.

With this service you can log just the suspected ore zones and scan for unexpected mineralization in other zones of the drill holes. Substantial savings can be effected in this manner.

Radiometric Assaying:

Mixing, pulverizing, and assaying drill hole cuttings. $1.00 each

Geologic Services:

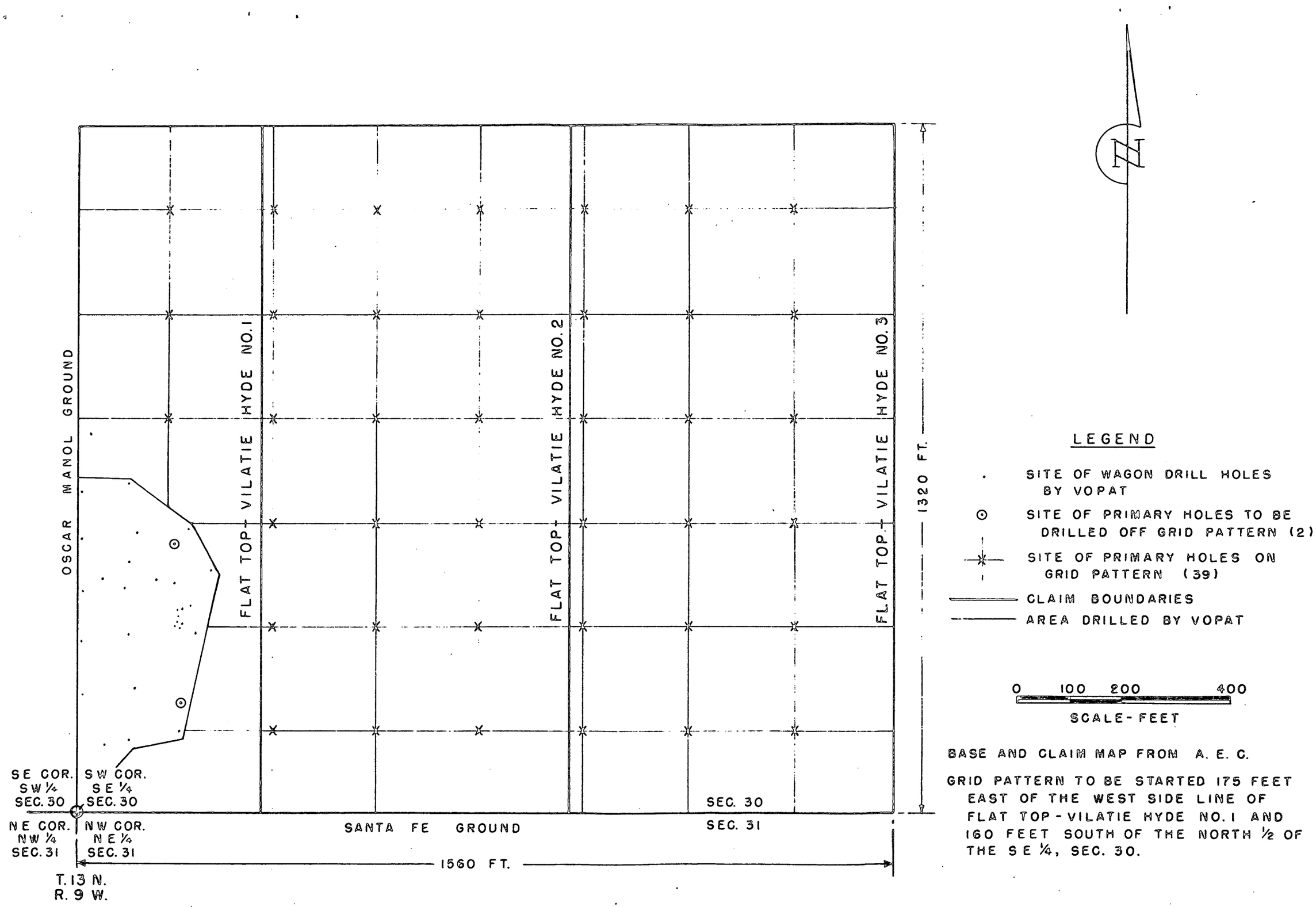
Geologic consultation, surveying and laying-out grids, and mine evaluation. $.05 per foot.

We believe we are the only organization in the uranium exploration business providing a complete package deal exploration service, combining all necessary services into one easy to administer contract.

Very truly yours,

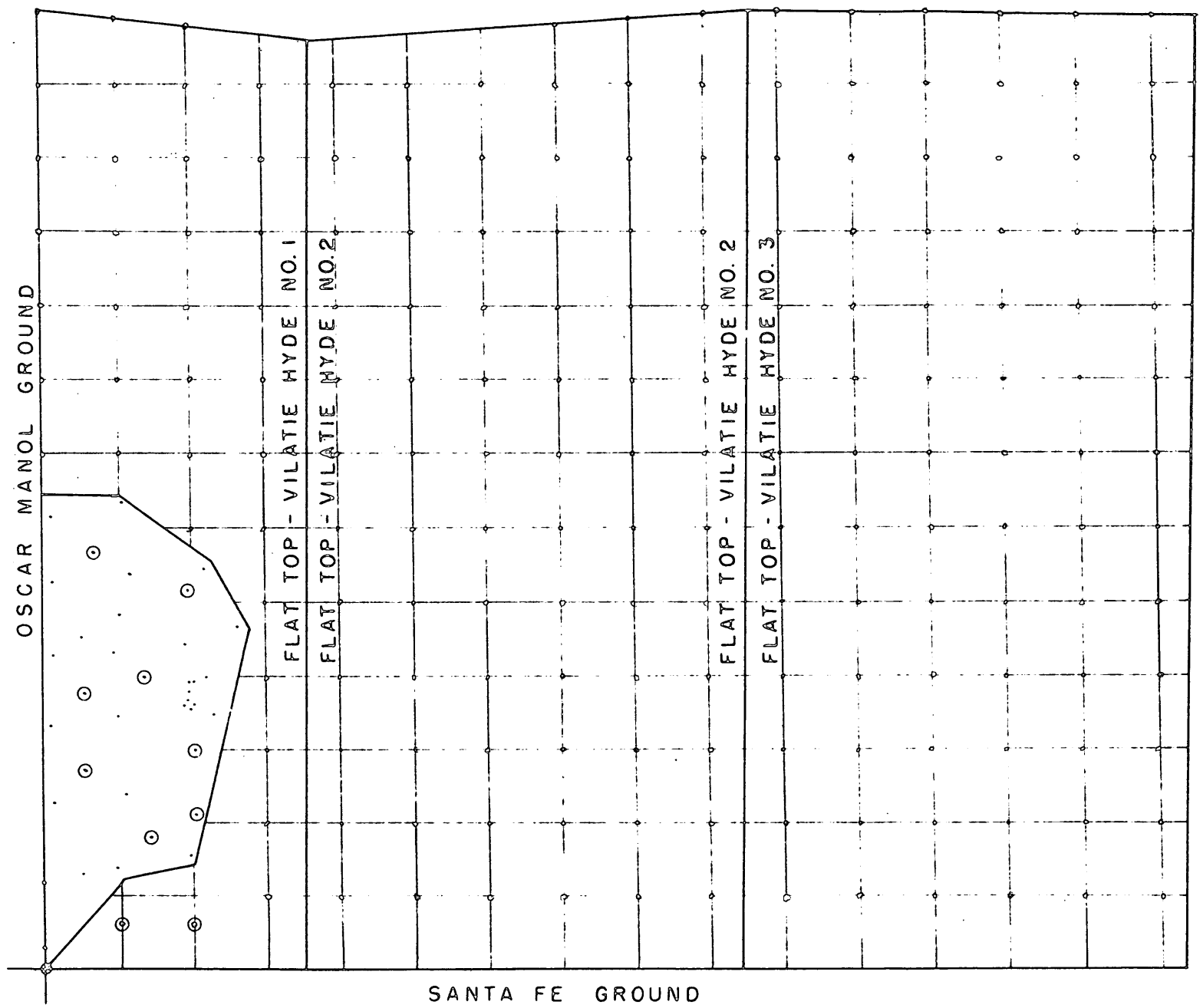
F. O. Manol

F. O. Manol



DMEA 3190 (URANIUM)

FIGURE 2. - PROPOSED DRILLING ON FLAT TOP - VILATIE HYDE CLAIMS
McKINLEY COUNTY, NEW MEXICO



LEGEND

- SITE OF WAGON DRILL HOLES BY VOPAT
- SITE OF PRIMARY HOLES TO BE DRILLED OFF GRID PATTERN (6)
- SITE OF PRIMARY HOLES ON GRID PATTERN (189)
- CLAIM BOUNDARIES
- AREA DRILLED BY VOPAT

0 100 200 400

SCALE- FEET

BASE AND CLAIM MAP FROM A E C.

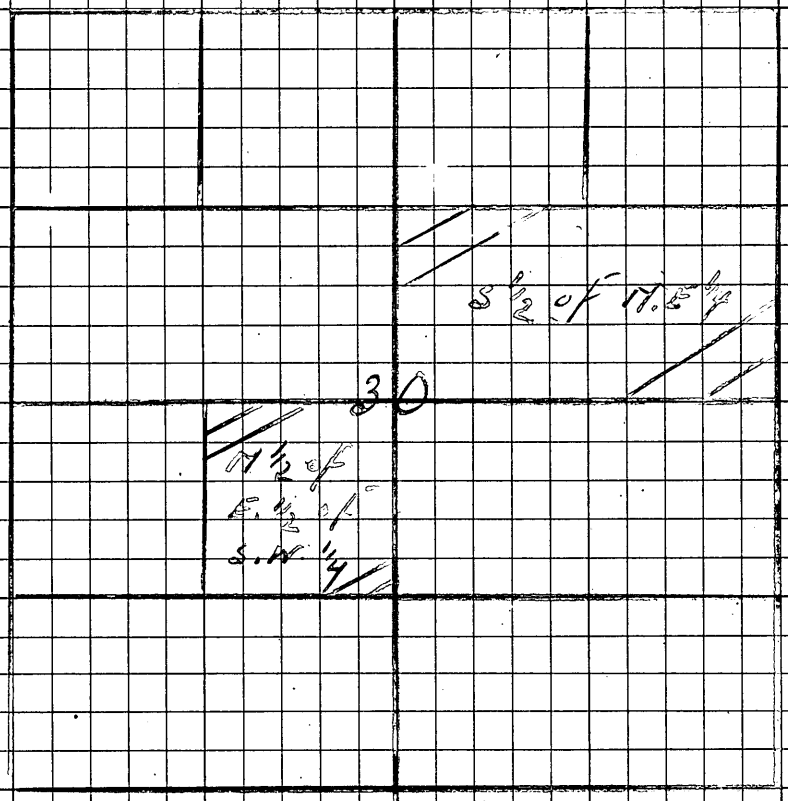
GRID PATTERN TO BE STARTED ON WEST SIDE LINE AND SOUTH END LINE OF CLAIMS.

DMEA 2897 (URANIUM)

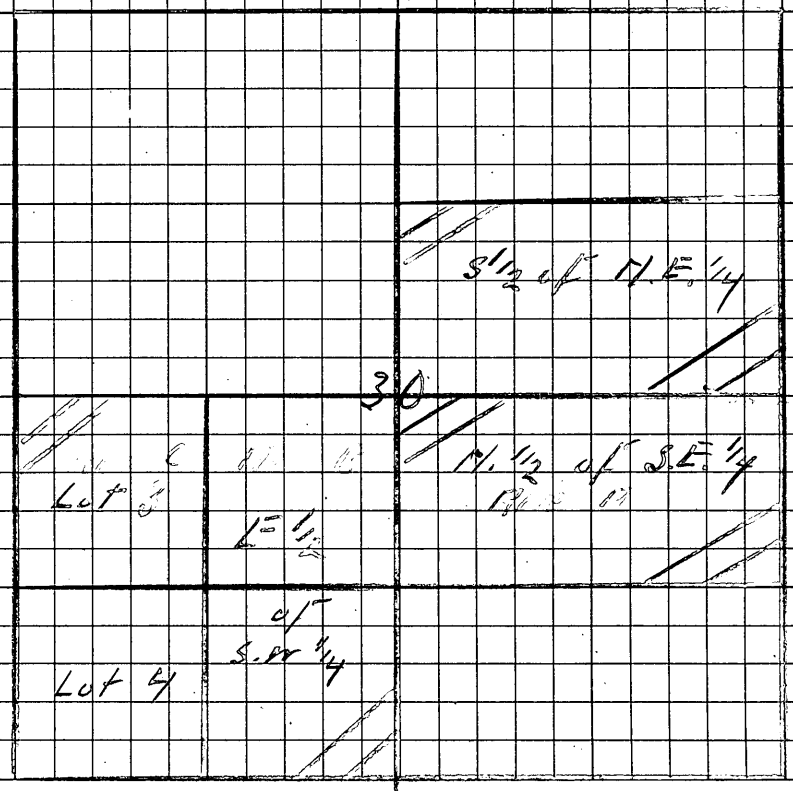
FIGURE 2. - PROPOSED DRILLING ON FLAT TOP - VILATIE HYDE CLAIMS

~~GRANTS,~~ MCKINLEY COUNTY, NEW MEXICO

F.O. Manual – MREG-2064 (Original)
Dated 6-15-53
From Front Cover Description MF 103
Section 30



From Operating Report book with F.O. Manual



SLS

F. C. Mauk - DAIEA - 3189 (Amended)
Patent Sept. 9, 1958

30

N½ of E½
of S.W. ¼

Lot 3

Richard Vopat - DAIEA - 3190
& Frank Cermak - DAIEA - 3191

30

Vopat Farm
Corners

COLLEGE PARK, MARYLAND

OFFICIAL BUSINESS

Mr. Robert E. Adams

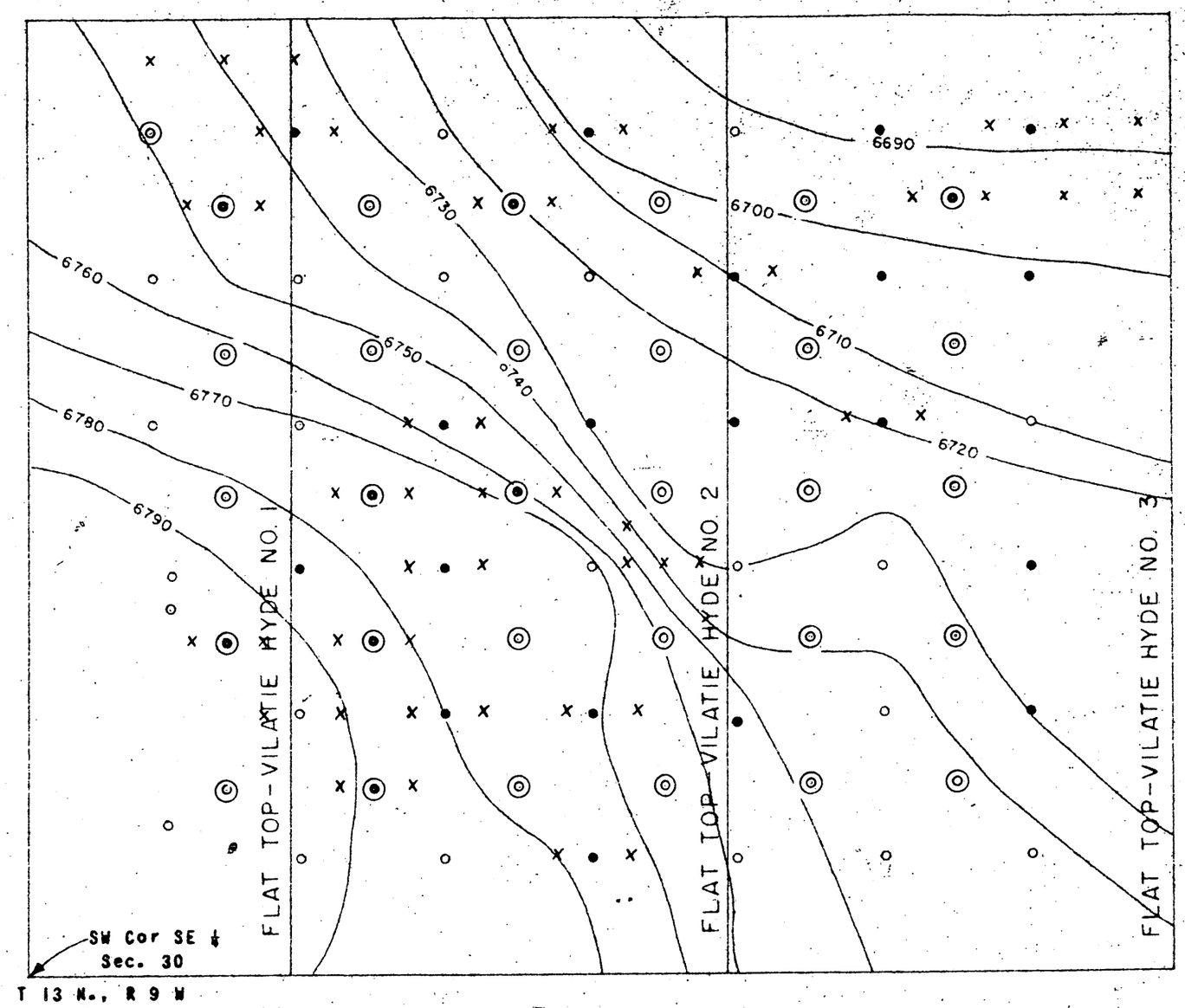
Room 4070

Interior Building

FIRST CLASS MAIL

U.S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DEFENSE MINERALS EXPLORATION ADMINISTRATION
DOCKET 3190



EXPLANATION

- ● STAGE 1 DRILL HOLE COMPLETED SHOWING A SIGNIFICANT IN HOLE GAMMA RAY ANOMALY
- ○ STAGE 1 DRILL HOLE COMPLETED
- ◉ STAGE 2 DRILL HOLE COMPLETED SHOWING A SIGNIFICANT IN HOLE GAMMA RAY ANOMALY
- ◎ STAGE 2 DRILL HOLE COMPLETED
- X STAGE 3 DRILL HOLE, PROPOSED LOCATION

N

200 0 400 FEET

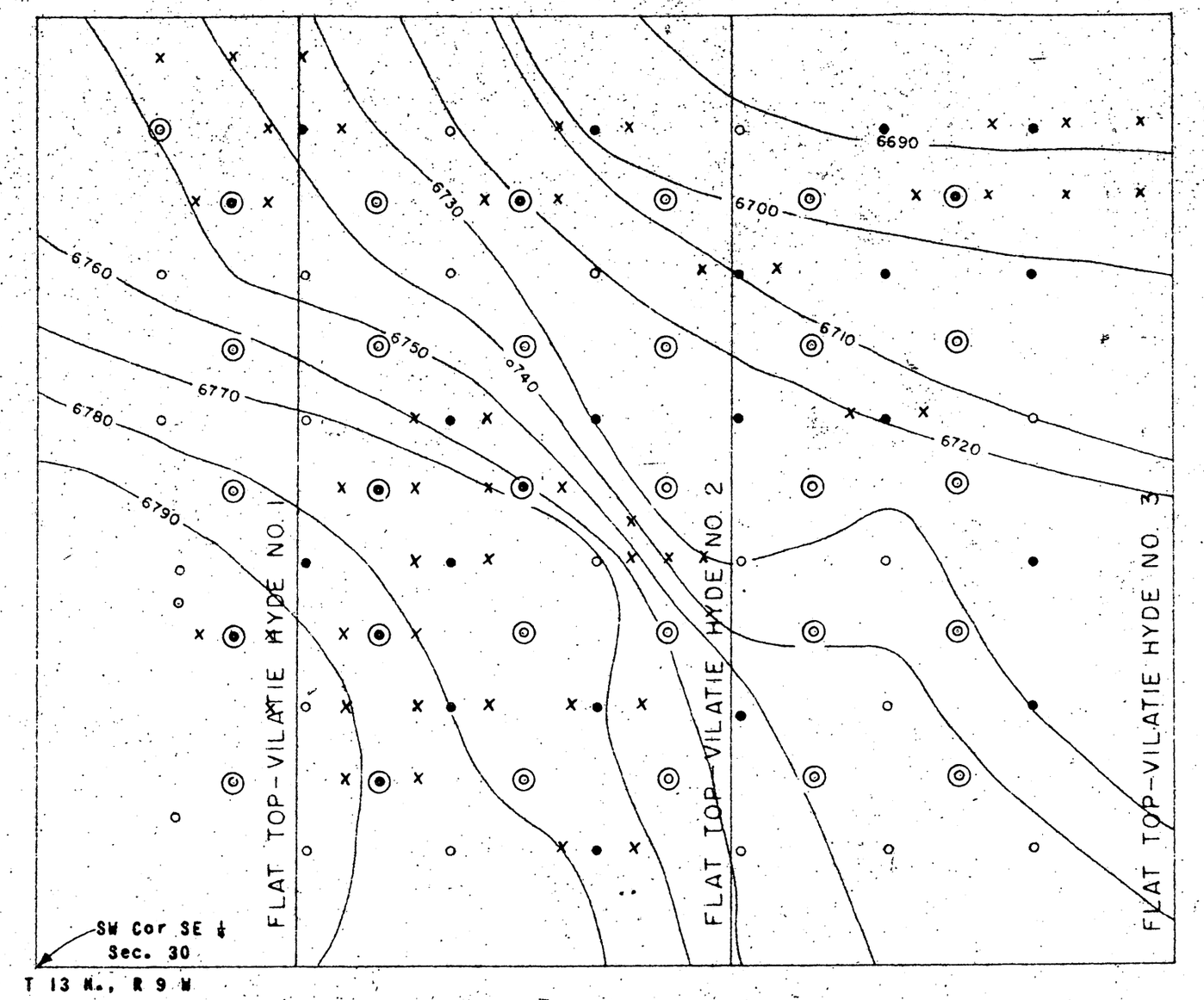
CONTOUR INTERVAL 10 FEET

CONTOURS ON TODILTO-ENTRADA CONTACT

Figure 1. SKETCH MAP OF THE FLAT TOP-VILATIE HYDE NOS. 1-3 CLAIMS, RICHARD VOPAT, ET. AL., SHOWING LOCATION OF STAGE 1 AND 2 DRILL HOLES AND PROPOSED DRILL HOLES FOR STAGE 3, McKINLEY COUNTY, NEW MEXICO

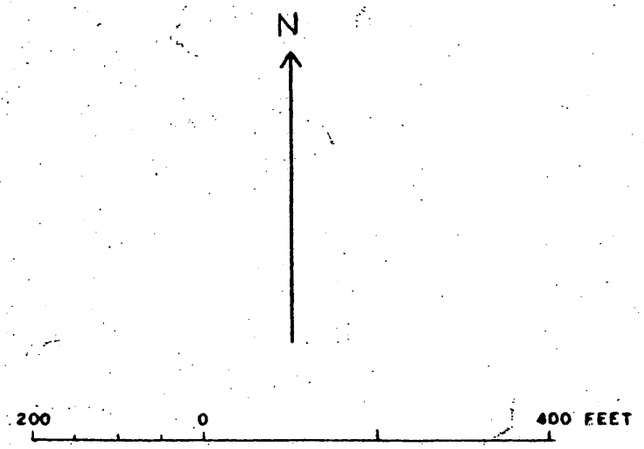
U.S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DEFENSE MINERALS EXPLORATION ADMINISTRATION
DOCKET 3190



EXPLANATION

- ● STAGE 1 DRILL HOLE COMPLETED SHOWING A SIGNIFICANT IN HOLE GAMMA-RAY ANOMALY
- ○ STAGE 1 DRILL HOLE, COMPLETED
- ◉ STAGE 2 DRILL HOLE COMPLETED SHOWING A SIGNIFICANT IN HOLE GAMMA-RAY ANOMALY
- ⊙ STAGE 2 DRILL HOLE COMPLETED
- × STAGE 3 DRILL HOLE, PROPOSED LOCATION



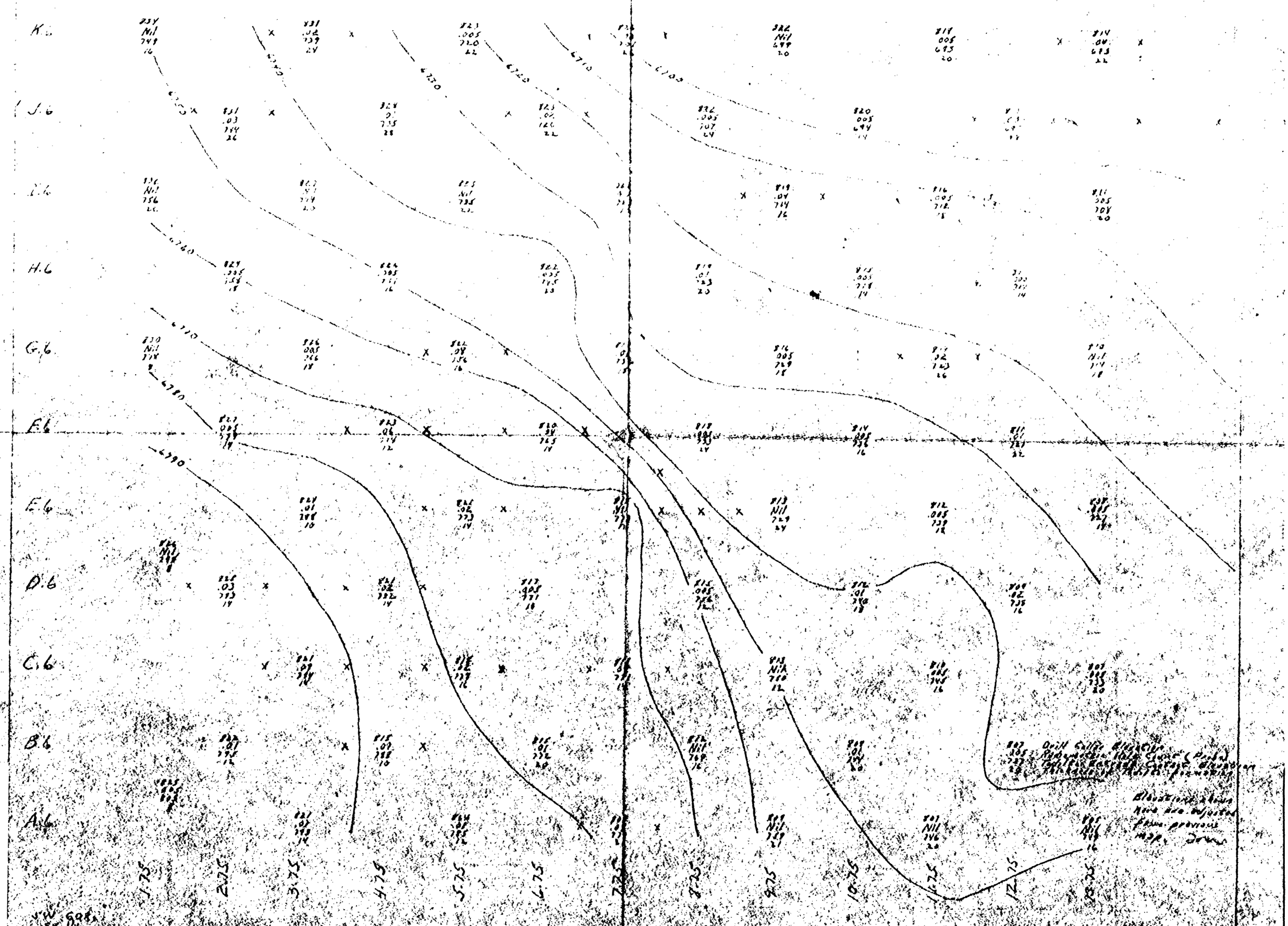
CONTOUR INTERVAL 10 FEET

CONTOURS ON TODILTO-ENTRADA CONTACT

Figure 1. SKETCH MAP OF THE FLAT TOP-VILATIE HYDE NOS. 1-3 CLAIMS, RICHARD VOPAT, ET. AL., SHOWING LOCATION OF STAGE 1 AND 2 DRILL HOLES AND PROPOSED DRILL HOLES FOR STAGE 3, McKINLEY COUNTY, NEW MEXICO

FLAT TOPS #1, 2, & 3

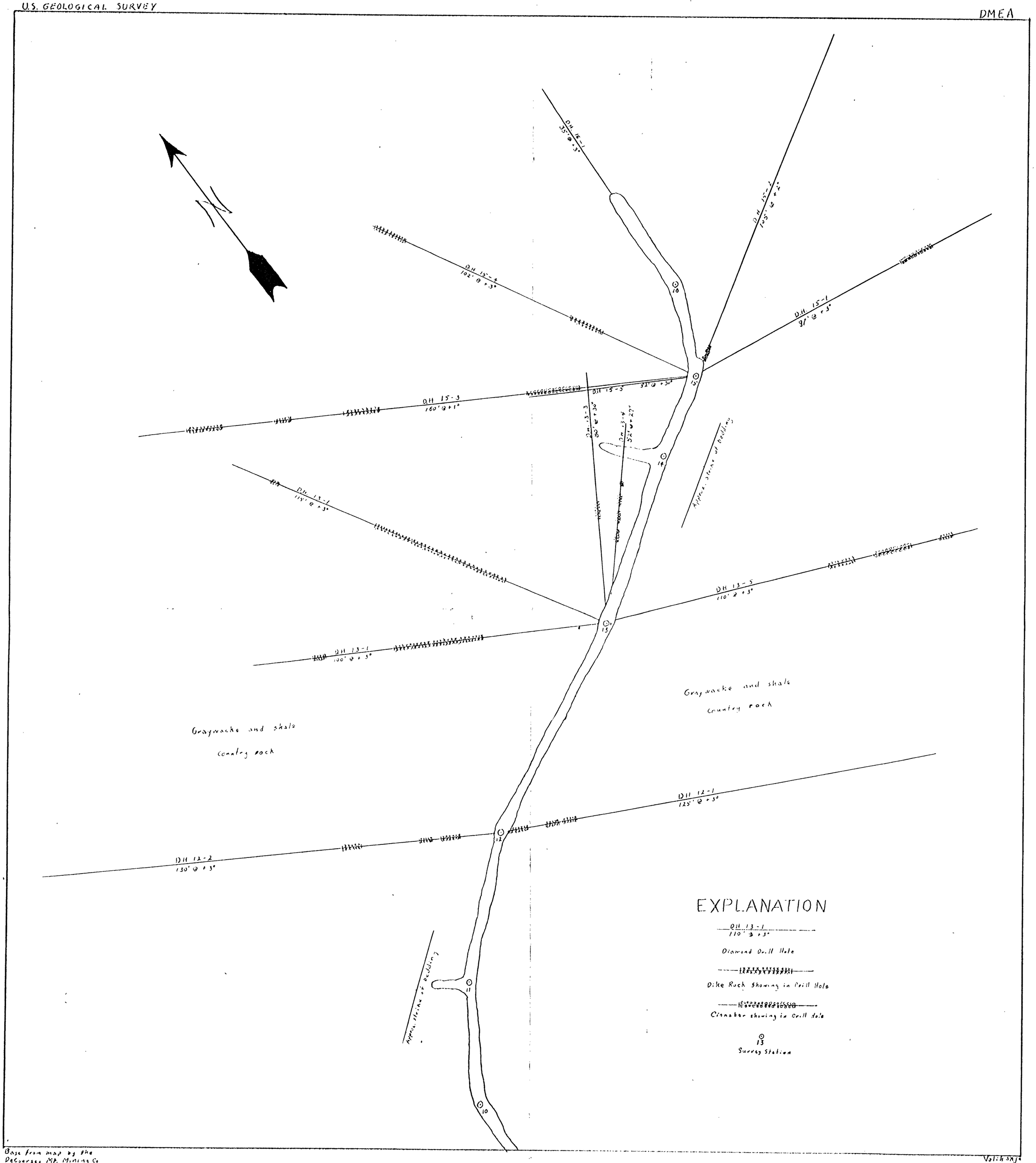
DMEA No. 3110 - Contract Adm-E 672



Map showing drilling results of stages 1 & 2 together with proposed drill sites for stage 3.

U.S. GEOLOGICAL SURVEY

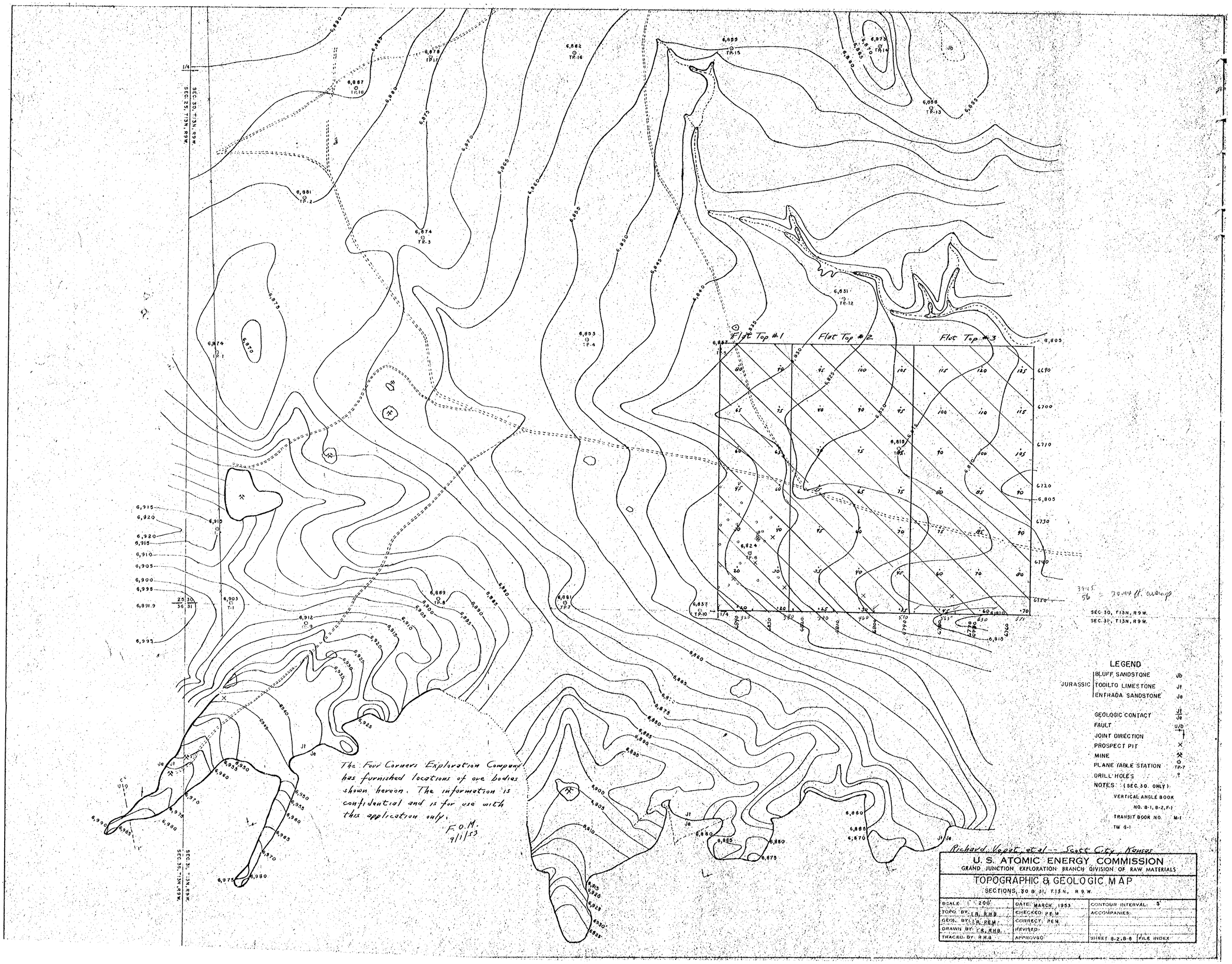
DMEA

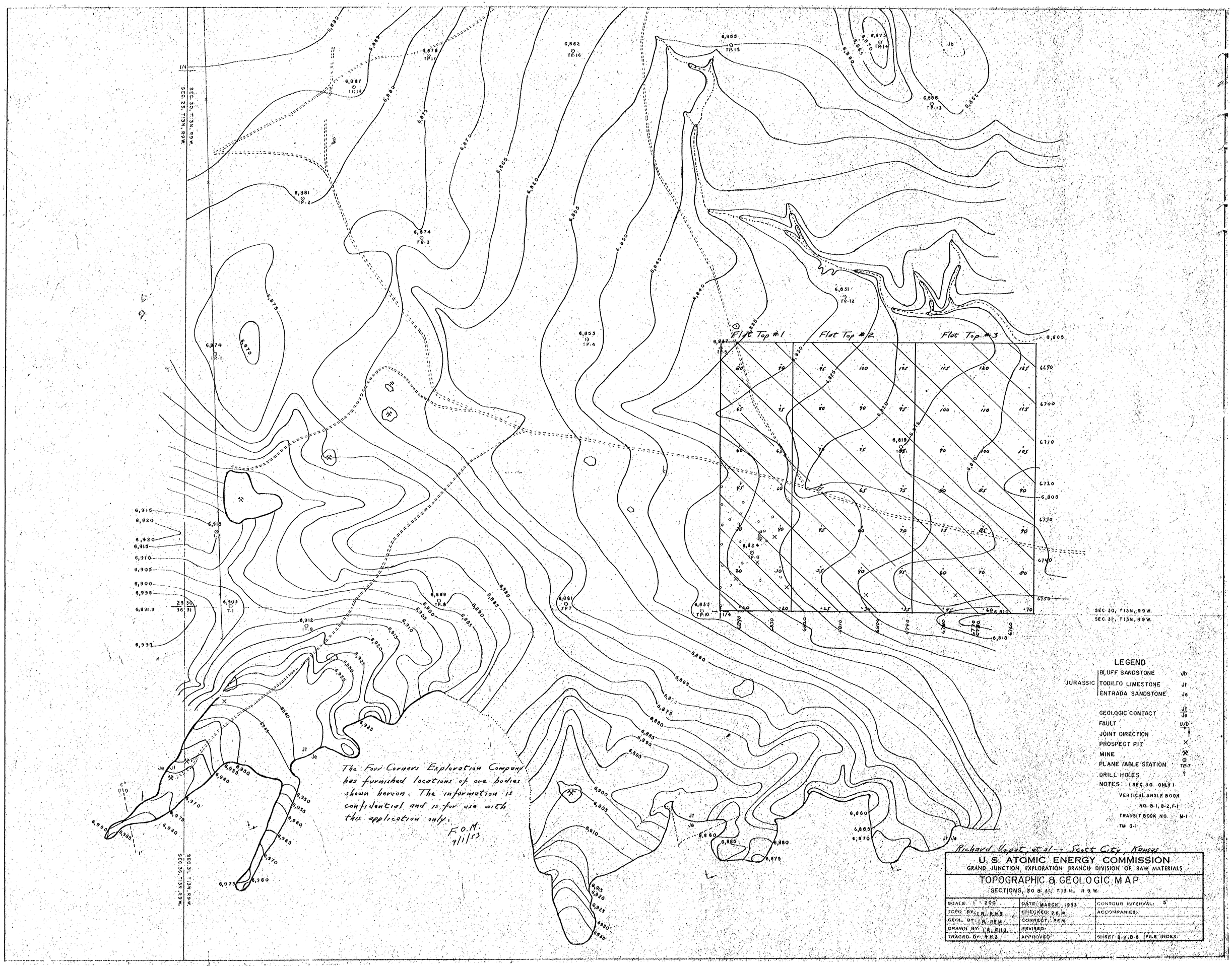


Base from map by the DeCoursey Mt. Mining Co

Volik Sky
August 1954

PLAN OF PART OF LYMAN ADIT, DECOURSEY MT. MINE SHOWING LOCATION OF COMPLETED DRILL HOLES.


SEC. 30, T13N, R9W.
SEC. 25, T13N, R9W.
SEC. 31, T13N, R9W.
SEC. 36, T13N, R9W.
Flat Top #1
Flat Top #2
Flat Top #3
The Four Corners Exploration Company has furnished locations of ore bodies shown hereon. The information is confidential and is for use with this application only.
F.O.M.
9/1/53
SEC. 30, T13N, R9W.
SEC. 31, T13N, R9W.
LEGEND
JURASSIC
BLUFF SANDSTONE Jb
TODILTO LIMESTONE Jt
ENTRADA SANDSTONE Je
GEOLOGIC CONTACT Jt/Je
FAULT U/D
JOINT DIRECTION
PROSPECT PIT
MINE
PLANE TABLE STATION TP-7
DRILL HOLES
NOTES: (SEC. 30 ONLY)
VERTICAL ANGLE BOOK NO. 8-1, 8-2, F-1
TRANSIT BOOK NO. M-1
TM G-1
Richard Lopez, et al -- Scott City, Kansas
U. S. ATOMIC ENERGY COMMISSION
GRAND JUNCTION EXPLORATION BRANCH DIVISION OF RAW MATERIALS
TOPOGRAPHIC & GEOLOGIC MAP
SECTIONS, 30 & 31, T13N, R9W.
SCALE 1" = 200'
DATE: MARCH, 1953
CONTOUR INTERVAL: 5'
TOPO BY: L.B., R.H.B.
CHECKED: P.E.M.
ACCOMPANIES:
GEOL. BY: L.B., P.E.M.
CORRECT: P.E.M.
DRAWN BY: L.B., R.H.B.
REVISED:
TRACED BY: R.H.B.
APPROVED:
SHEET 8-2, 8-6
FILE INDEX


Flat Top #1
Flat Top #2
Flat Top #3
SEC. 25, T13N, R9W
SEC. 30, T13N, R9W
SEC. 31, T13N, R9W
SEC. 36, T13N, R9W
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Richard Lopez, et al -- Scott City, Kansas
U.S. ATOMIC ENERGY COMMISSION
GRAND JUNCTION EXPLORATION BRANCH DIVISION OF RAW MATERIALS
TOPOGRAPHIC & GEOLOGIC MAP
SECTIONS, 30 & 31, T.13 N., R.9 W.
SCALE: 1" = 200'
DATE: MARCH 1953
CONTOUR INTERVAL: 5'
TOPO BY: I.R., R.H.B.
CHECKED: P.E.M.
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GEOL. BY: I.R., P.E.M.
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DRAWN BY: I.R., R.H.B.
REVISED:
TRACED BY: R.H.B.
APPROVED:
SHEET B-2, B-6
FILE INDEX: