DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

RECEIVED

FEB 23 1956

REPORT OF REVIEW

I have reviewed the Monthly Reports of:

A Partnership consisting of Richard Vopat, 601 Court Street, Avis M. Young, 911 Church Street, R. E. Spencer, 606 Russell Street, (all in Scott City, Kansas) and Fred M. Hines, Lucas, Kansas, and Robert R. McNeely, 337 South Terrace Drive, Wichita, Kansas - d/b/a Flat Top Mining Company,

pertaining to Exploration Project Contract No. Idm-8672, Docket No. DMEA-3190, including Amendments, Nos. 1 to 4, for the months of September to October, 1954, December, 1954, and February, 1955, covering a project for the exploration of Uranium on property known as Flat Top-Vilatie Hyde Claims 1, 2 and 3, located in McKinley County, New Mexico.

My review included an examination of the Monthly Reports (Form MF-104) and supporting documents attached thereto, comparison of the costs claimed with the contract and pertinent schedules, consultation with the Executive Officer of the DMEA Field Team, and a determination of the reasonableness and propriety of the costs.

This review was made in lieu of a final audit of the Operator's accounts and records for the following reason:

> All of the costs incurred were under a contract provision for payment by the Government on the basis of agreed estimated costs of units of work actually performed.

The review disclosed the following facts in regard to the amount paid or to be paid the contractor:

Total cost as billed by Contractor		$10,684.20
Exceptions: (schedule attached)		
By DMEA Finance Officer	$117.70	
Narrowith	194.80	312.60
Total Accepted Cost		$10,371.60

The contract calls for a 90 percent participation of exploration expenses by the United States Government. Therefore, payment to the Contractor by the Government in the amount of Nine thousand, three hundred thirty-four and 44/100ths Dollars

** $9,334.44 **

is considered valid and proper, provided that the Regional Executive Officer, the Administrator, or other competent official has accepted or will accept the project as having otherwise met the terms of the contract.

February 20, 1956

T. H. Breding, Auditor

SCHEDULE OF EXCEPTIONS

FLAT TOP MINING COMPANY

DOCKET NO. DMSA-3190, CONTRACT IDM-E672

RECEIVED

FEB 23 1955

STAGE I:	
Claimed by Operator:	
2,833 feet of Rotary Drilling @ 90¢ per foot	$2,549.70
Reported by Driller - Approved by Examining Engineer:	
2,816 feet of Rotary Drilling @ 90¢ per feet	2,534.40
17 " " " " " " " (Disallowed)	$ 15.30
Claimed by Operator:	
2,090 feet of Drilling with Bentonite Mud @ 30¢ per foot	$ 627.00
Reported by Driller - Approved by Engineer:	
2,074 feet of Drilling with Bentonite Mud @ 30¢ per foot	622.20
16 feet " " " " " " " " " (Disallowed)	$ 4.80
TOTAL DISALLOWANCE, STAGE I	$ 20.10
STAGE II:	
Claimed by Operator:	
2,304 feet of Rotary Drilling @ 90¢ per foot	$2,073.60
Allowed by Contract:	
2,250 feet of Rotary Drilling @ 90¢ per foot	2,025.00
54 feet of Rotary Drilling @ 90¢ per foot (Disallowed)	$ 48.60
Claimed by Operator:	
1,598 feet of Casing @ 50¢ per foot	$ 799.00
Allowed by Contract:	
1,500 feet of Casing @ 50¢ per foot	750.00
98 feet of Casing @ 50¢ per foot (Disallowed)	$ 49.00
TOTAL DISALLOWANCE, STAGE II	$ 97.60
STAGE III:	
Claimed by Operator:	
3,696 feet of Rotary Drilling @ 90¢ per foot	$3,326.40
Allowed by Contract:	
3,600 feet of Rotary Drilling @ 90¢ per foot	3,240.00
96 feet of Rotary Drilling @ 90¢ per foot (Disallowed)	$ 86.40
Claimed by Operator:	
2,617 feet of Casing @ 50¢ per foot	$1,308.50
Allowed by Contract:	
2,400 feet of Casing @ 50¢ per foot	1,200.00
217 feet of Casing @ 50¢ per foot (Disallowed)	$ 108.50
TOTAL DISALLOWANCE, STAGE III	$ 194.90

SUMMARY OF DISALLOWANCES

Stage I	$20.10
Stage II	97.60
Stage III	194.90
TOTAL DISALLOWED	$312.60

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. H. Breding, 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. Traver

W. M. Traver

JWT:prl
cc: Townsend
Corresp file
Chron.

TRIPLICATE

STANDARD FORM 201 (Formerly Cert. of Deposit, Form 1)
Promulgated Oct. 1949 by Treasury Dept., Fiscal Service

THIS DEPOSIT IS NOT SUBJECT TO CHECK

For credit of 413 Treasury Regional Disbursing Officer Denver Colo. 3/8/56
(Name, title, and disbursing or other identification symbol of accountable officer) (Date sent)

DEPOSIT NO. 14-23-040-100

deposited with Federal Reserve Bank of Kansas City Mo. Denver Colo.
(Name and location of depositary)

$ 75.41

for accounts listed below. SCHEDULE NOS.

ACCOUNT SYMBOL	TITLE OF ACCOUNT TO BE CREDITED	AMOUNT
14X4401	Refund of Overpayment E-672	$75.41

(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Defense Minerals Exploration
Administration
224 New Custom House
Denver 2, Colorado

SPACE BELOW TO BE USED BY DEPOSITARY ONLY

I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

(Authorized signature)

MAR 8 1956

(Date of credit in Treasurer's account)

DEPOSITARY WILL DATE, SIGN, AND RETURN THIS TO DEPOSITOR FOR HIS RETAINED COPY

16—59686b-1 GPO

1956 MAR 8 PM 12 02

E-672 Flat Top Mining XXX 7.54

This is to be posted as a credit to voucher payments (covers refund of overpayment under this contract.)

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

FEB 15 1956

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

Re: Flat Top Mining Company
Contract [illegible]
Docket No. DMEA-3190

Dear Mr. Reading:

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

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

RECEIVED
FEB 13 1956

224 New Customhouse
Denver 2, Colorado

February 8, 1956

Mr. E. D. Talbert, Acting Chief
Contract Administration and Audit Division
Defense Minerals Exploration Administration
Washington 25, D. C.

Re: Flat Top Mining Company
Contract Idm-E672, Docket DMEA-3190

Dear Mr. Talbert:

Please refer to my letter of July 27, 1955 and your reply thereto of August 1, 1955, regarding subject contract.

I am attaching letter from Mr. Traver, Executive Officer, DMEA Field Team, Region III, and John F. Shaw, Supervising Engineer, which letters are felt to be self-explanatory. After you have given these letters your consideration, will you please advise me regarding these disallowances.

Sincerely yours,

T. H. Brading

T. H. Brading, Auditor

Encl.

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

RECEIVED
FEB 13 1956

224 New Customhouse
Denver 2, Colorado

February 8, 1956

Memorandum

To: T. H. Brading

From: Executive Officer, DMEA Field Team, Region III

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

Reference is made to the letter dated July 27, 1955, from you to J. T. Chambers, Chief, Contract Administration and Audit Division, regarding payment for Stage III work performed under Contract Idm-E672, and to the reply dated 8/1/55, signed by E. D. Talbert, Acting Chief, Contract Administration and Audit Division.

We protest the decision rendered in Mr. Talbert's letter and contend in this instance that the aggregate footages and funds for all three stages are the control factor in the allowability of footages because of the following reasons:

1. The contract stipulates that a certain number of holes shall be drilled under each of the three stages, with the drilling under Stages II and III subject to prior Government approval, which was issued.

2. Each hole had a stipulated objective, which was to a distance 5 feet below the base of the Todilto Limestone, and that point was estimated to be approximately an average of 75 feet in depth.

3. The estimated approximate average depth of 75 feet was used as the basis to apportion footages and funds between the stages.

Therefore, it appears that the intent of the contract was to explore the area to a depth of 5 feet below the base of the Todilto Limestone by a specific number of holes which were estimated

to be of an approximate average depth. Thus as the number of holes stipulated under each of the three stages were approved for drilling, we contend that the footages involved are an allowable charge to the project provided such footages do not exceed the aggregate total footages provided for in all three stages.

In view of the foregoing contention, this office now believes that any footage for drilling disallowed from the Operator's claims for reimbursement which was disallowed for the reason that it exceeded the indicated total footage for that specific stage should be reinstated on final settlement of the account.

Enclosed are two copies of a memorandum from John F. Shaw, relative to the matter. If additional copies are needed for your distribution, please advise.

W. M. Traver

W. M. Traver

Enclosures

Region III

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

RECEIVED
FEB 13 1956

Memorandum

To: Executive Officer, DMEA Field Team, Region III

DMEA
File Recd.
FEB 2 1956
BUREAU OF MINES
Denver, Colorado

From: John F. Shaw

Subject: Flat Top Mining Co., Richard Vopat, Agent,
Contract Idm E-672, Docket DMEA 3190

Reference is made to the letter dated July 27, 1955 from T. H. Breding, Auditor to Jay L. Chambers, Chief Contract Administration and Audit Division regarding payment for Stage III work performed under contract Idm E-672 and to the reply dated 8/1/55 signed by E. D. Talbert, Acting Chief Contract Administration and Audit Division.

In his narrative report, the examining engineer mentioned that the 3696 feet of rotary drilling is 96 feet in excess of the tabulation under Exhibit "A" of the contract headed "Estimated Costs of the Project". This item provides in part as follows: Stage III: 48 holes, 3600 feet at $0.90 per foot.

The contract requires prior written approval by the DMEA Field Team before Stage III work may be performed. The applicant requested this approval, and in a letter dated 12/1/54 the Field Team authorized Stage III work. The map attached to this authorization showed the location of 48 holes. The applicant drilled 48 holes at the locations shown on the map in accordance with the Field Team's written approval. It is believed that the intent of the contract was to drill 48 holes five feet below the base of the Todilto limestone. The actual distance drilled in order to comply with this provision of the contract was 3,696 feet which is 96 feet over the estimated footage of 3600 feet.

Exhibit "A" states as follows: "All holes in each stage will be drilled 5 feet below the base of the Todilto limestone, which is the ore-bearing horizon and it is estimated that all holes will average approximately 75 feet in depth to this point". This indicates that the footage listed under "Estimated Costs of the Project" is an estimate.

The applicant exceeded this estimate by 96 feet or 2.7 percent. We believe that the applicant performed this work in good faith and in accordance with the intent of the contract and the letter of approval from the Field Team dated 12/1/54.

It is recommended that payment for this additional 96 feet be made to the operator.

cc 7
ENHarshman
JWHasler & IDm E-672 & Chron.

John F. Shaw
Supervising Mining E[illegible]

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

RECEIVED
AUG - 8 1955

224 New Customhouse
Denver 2, Colorado

August 4, 1955

Mr. E. D. Talbert, Acting Chief
Contract Administration and Audit Division
Defense Minerals Exploration Administration
Washington 25, D. C.

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

Dear Mr. Talbert:

In connection with my Report of Review on subject company, I talked to John Shaw this morning and asked him when the engineer's report on this company would be ready. I told him that I was recommending a disallowance of 96 feet of drifting at 90¢ per foot, or $48.60, and 217 feet of casing at 50¢ a foot, or $108.50, on the third stage of this work.

Shaw is quite disturbed, as he had approved the engineer's recommendation that the 96 feet of drifting be allowed as well as the 217 feet of casing. He plans to write you regarding this matter, giving you his reasons for approval and his interpretation of the contract.

I thought best to write you regarding this in view of my letter of July 27, 1955.

Sincerely yours,

T. H. Brading

T. H. Brading, Auditor

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

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

RECEIVED
JUL 2 5 1955

224 New Customhouse
Denver 2, Colorado

July 27, 1955

Mr. Jay L. Chambers, Chief
Contract Administration and Audit Division
Defense Minerals Exploration Administration
Washington 25, D. C.

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

Dear Mr. Chambers:

At the request of Mr. W. M. Traver, Executive Officer, Region III, I am submitting the following facts for an opinion from you:

The contract provides for three stages of exploration as follows:-

ESTIMATED COSTS OF THE PROJECT

Stage I -	41 Holes,	3,075 Feet @ $0.90 per Foot	$2,767.50
Stage II	30 Holes,	2,250 Feet @ $0.90 per Foot	2,025.00
Stage III	48 Holes,	3,600 Feet @ $0.90 per Foot	3,240.00
TOTAL			$8,032.50

Government Participation at 90% $7,229.50

Amendment No. 1 provides for additional allowance as follows:

1/	Stage I	2,050 Feet of Casing @ $0.50 per Foot	$1,025.00
1/	Stage II	1,500 Feet of Casing @ $0.50 per Foot	750.00
1/	Stage III	2,400 Feet of Casing @ $0.50 per Foot	1,200.00
	TOTAL		$2,975.00

Estimated Cost of Total Project is Increased to $11,007.50

Government Participation at 90% $ 9,906.75

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

STAGE I COSTS - Claimed 33 Holes

2,833 Feet of Rotary Drilling @ 90¢	$2,549.70
2,090 Feet of Drilling with Bentonite Mud @ 30¢ per Foot	627.00
Total Stage I Claimed	$3,176.70

Allowed:

2,816 Feet of Rotary Drilling @ 90¢	$2,534.40
2,074 Feet of Drilling with Bentonite Mud @ 30¢ per Foot	622.20
Total Stage I Allowed	$3,156.60

Disallowance made by examining engineer because footage claimed was in excess of footage reported by "Driller's Logs."

STAGE II COSTS - Claimed 30 Holes	
2,304 Feet of Rotary Drilling @ 90¢ per foot	$2,073.60
1,598 Feet of Casing @ 50¢ per foot	799.00
Total Stage II Claimed	$3,872.60
Allowed: 30 Holes	
2,250 Feet of Rotary Drilling @ 90¢ per foot	$2,025.00
1,500 Feet of Casing @ 50¢ per foot	750.00
Total Stage II Allowed	$2,775.00

Disallowance of 54 feet of rotary drilling, and 98 feet of casing made because footage in both cases was in excess of that allowed by Stage II of the contract.

STAGE III COSTS - Claimed 48 Holes	
3,696 Feet of Rotary Drilling @ 90¢ per foot	$3,326.40
2,617 Feet of Casing @ 50¢per foot	1,308.50
Total Stage III Claimed	$4,634.90

In his narrative report the Examining Engineer comments on the fact that the Operator claimed 3,696 feet of rotary drilling, which was 96 feet in excess of that allowed by the contract for Stage III, but that he had allowed the claim because the total footage claimed for the three stages of the contract was less than that allowed by the contract.

	CLAIMED	ALLOWED	CONTRACT
Stage I	2,833	2,816	3,075
Stage II	2,304	2,250	2,250
Stage III	3,696	3,696	3,600
	8,833	8,762	8,925

The Examining Engineer makes no comment regarding excess footage of casing claimed for Stage III. A summary of this phase of the operations follows:

	CLAIMED	ALLOWED	CONTRACT
Stage I	-	-	-
Stage II	1,598	1,500	1,500
Stage III	2,617	2,617	2,400
	4,215	4,117	3,900

Under Stage I 2,090 feet of drilling with Bentonite mud in lieu of casing was claimed, of which 2,074 feet was allowed.

Mr. Traver's question is this: Can he as Executive Officer, without amendment to the contract, allow excess footage claimed in Stages II and III, because the total footage and costs claimed are less than the totals allowed by the contract? This project has been completed and final payment (less $100.00 withheld) made to the Operator.

Sincerely yours,

T. H. Brading

T. H. Brading, Auditor.

Form [illegible] (Rev.)
(April 1952)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.4
Approval expires 6-30-53.

RECEIVED
JUN 23 195-

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of February, 195 5 Docket No. DMEA 3190 Contract No. Ich-3672
Operator's Name Richard Vopat et al Minerals Uranium
Address 601 Court St., Scott City, Kansas
Contract Amount, $ 11,007.50 Government Participation: 90 % Amount, $ 9,906.75

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling	$1,909.10	$8,775.10	$10,684.20			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$1,909.10	$8,775.10	$10,684.20	1909.10	8775.10	10684.20
					117.70	117.70
					8657.40	10566.50

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 4-4-55 *Payee Richard Vopat et al
Per Richard Vopat Title Operator

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

→ NOTE.—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.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:
$1,868.19
Signature Randell R. Cooper
(Authorized Certifying Officer)
Date 6-17-55 Vou. No. DMA-55-98
(See other side)

250.00 reinstated
$100.00 withheld from this payment + Previous disallowance

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E 672 in accordance with the terms of the contract.

Signature [illegible] Title [illegible] Date 5/20/55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature [illegible] Title Executive Officer Date JUN 15 1955

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

GPO 83-38476

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
JUN 23 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of February 1955 Docket No. DMEA 3190 Contract No. Ida-5672
Operator's Name Richard Vopat et al Minerals Uranium
Address 601 Court St., Scott City, Kansas

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Rotary	.90'	$1,394.10	1,549	$7,949.70	8,833	.90'	3,600	$3,240.00
Casing	.50'	$ 515.00	1,072	$2,107.50	4,257	.50'	2,400	$1,200.00
Mud Wall	.30'	$ -0-	-0-	$ 627.00	2,090	.30'	2,050	$1,025.00
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		$1,909.10		$10,684.20				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$1,909.10		$10,684.20				$11,007.50

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date 4-4-55 Operator Richard Vopat et al

Per Richard Vopat Title Operator

REMARKS: This report covers the remaining 22 holes of the 48 holes allowed under Stage #3 of the project.
Also this report covers the final costs of the project which we have completed.

NOTE.—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.

(Instructions on reverse)

(For Government use only)

G Walker

INSTRUCTIONS

Preparation of Form MF–104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF–104A has been designed to tie in with Form MF–104 for both monthly and cumulative costs. The "Total Costs" on Form MF–104A for each month should equal the monthly "Total Costs" as reported on Form MF–104. This is also true of the "Total Costs To Date".

In preparing Form MF–104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 83-38475

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

RECEIVED
JUN 23 1955

224 New Customhouse
Denver 2, Colorado

June 15, 1955

Memorandum

To: T. A.Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA-3190 (Uranium), Contract Idm-E672, Flattop Mining Company, McKinley County, New Mexico - Operator's Monthly Progress Report for the month of February, 1955

Enclosed are the original and four copies of form MF-104 and MF-104A, Narrative Report, and Engineer's Report for the above period.

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on form MF-200A, therefore we recommend that payment be made for 90 percent of the amount reported by the Operator on form MF-104, contingent on your verification of arithmetical accuracy within the report.

The amount of ~~$200.00~~ $250.00 which was withheld from payment to the Operator on the October, 1954 report is to be reinstated and $100.00 to be withheld from this report pending release of the final Report of Review by the Contract Administration and Audit Division.

Remarks:

Date of Report.....April 4, 1955
Date Received in Field Office.....April 6, 1955
Date Received in Region Office.....June 13, 1955

Delay in Field Office was due to not receiving enough information to enable the report to be processed.

W. M. Traver

Enclosures

RDB:sr

cc Subject
Sec. Op. Comm. (2)
Townsend w/copy Engr. Report
Shaw
Chron

DMEA
Date Rec'd
JUN 13 1955
BUREAU OF MINES
Denver, Colorado
RECEIVED
JUN 23 1955

Region III

Building 20, Room 137
Denver Federal Center
Denver 2, Colorado
June 10, 1955

Memorandum

To: Executive Officer, DMEA Field Team, Region III

Through: W. H. King, for
John F. Shaw

WDT R
for JFS

From: Glen Walker

Subject: DMEA 3190, Contract Idm-E672 (Uranium) Flattop Mining Company McKinley County, New Mexico - Progress report for February 1955

The property was visited on May 17, 1955, in company with F. O. Manol, drilling contractor, who did the work on the Flattop Mining Company property. Mr. Manol pointed out the holes drilled in the third stage of the DMEA contract.

During the third stage a total of 50 holes were drilled and payment has previously been approved for 26 holes totaling 2,147 feet. Of the remaining 24 holes 22 or 1,549 feet are claimed on the February 104's. Participation in this footage is approved; although it exceeds by 96 feet that estimated for Stage III, it does not make the total for the project greater than that allowed by the contract.

The work finished in February 1955 completes the DMEA contract. The results of the project are almost entirely negative as indicated by the 20 chemical analyses, none of which exceed 0.02 percent U_3O_8.

It is recommended that payment to the operator be made in the amount of $1,718.19 which is 90 percent of his claim.

The monthly report forms were not complete when received. The inspection could not be completed until May 17, 1955, when the operator supplied the missing information.

It is recommended that the operator's narrative report be accepted as the final report.

Glen Walker
Glen Walker
Mining Engineer

enclosures

cc 6

E672

DMEA Chron.

FINAL NARRATIVE REPORT
DMEA Docket No. 3190
Contract Ida-6672

RECEIVED
JUN 23 1955

The D.M.E.A. Program on the Flat Top Claims, Nos. 1, 2 and 3 in Section 30; Township 13 North, Range 9 West; McKinley County, New Mexico has been completed.

Including a minor amount of drilling done in excess of the allowance under D.M.E.A., 118 holes, a total of 8,393 feet, have been drilled on this property.

All holes employed methods prescribed by contract. Stage 1 was drilled with mud to limestone, the limestone being subsequently drilled with compressed air after the holes had dried. Stage 2 and 3 were drilled to limestone employing casing to further reduce dilution. All samples were checked in the field and all holes were logged radiometrically.

It is remarkable that despite intensive drilling, no hole even approaching ore grade was encountered. Section 30 is one of the most prolific producers and contains some of the largest ore reserves in the Grants District. Ore bodies are known to extend almost to the boundaries of these claims on all sides. It is still possible that one of the known ore bodies adjacent to these claims will extend on to this property for a short distance. It is also possible that small pods of ore may be found between drill holes. However, considering the amount of drilling, results have been highly negative.

One possible explanation for the absence of ore is the lack of pronounced structure in Todilto limestone upon these claims. Sharply defined folds both east and west of this property are lessi of large ore bodies.

Twenty of the best samples were checked by chemical analyses as required by the contract. Results of these analyses are made a part of the Geologic report.

This narrative report is prepared by Mr. F. O. Manul of the Four Corners Exploration Company at the request of the writer.

Very truly yours,

Richard Vopat

Richard Vopat
601 Court St.
Scott City, Kansas

GEOLOGIC REPORT
COVERING REMAINING 22 HOLES OF THE 48 HOLES UNDER STAGE #3

RECEIVED
JUN 23 1955

Hole No.	Depth to Limestone	Out of Limestone	Maximum Probe Count
G.6-3.25	12'	24'	Nil
G.6-4.25	16'	30'	.005
G.6-5.25	20'	36'	.005
G.6-6.25	24'	44'	.01
G.6-7.25	27'	45'	.01
G.6-8.25	28'	44'	Nil
D.6-5.25	26'	42'	.005
D.6-4.25	20'	34'	.005
D.6-3.25	18'	28'	Nil
D.6-2.25	20'	30'	Nil
E.6-2.25	25'	35'	.005
E.6-3.25	30'	42'	.005
J.6-14.25	97'	109'	.01
J.6-13.25	88'	114'	.005
J.6-12.25	93'	119'	.01
J.6-7.25	77'	101'	.015
J.6-6.25	71'	89'	.02
J.6-3.25	62'	88'	.005
J.6-2.25	66'	84'	.015
L.6-3.75	82'	99'	.005
L.6-2.75	82'	94'	.005
L.6-1.75	78'	86'	.015
E.6-6.25	33'	51'	.01
E.6-5.25	32'	48'	.01

CERTIFICATE OF ANALYSIS is attached hereto and made a part of this report.

TH[illegible] BROWN LABORATORY[illegible]
2263 Broadway
GRAND JUNCTION, COLORADO

RECEIVED
JUN 2 3 1955

ANALYTICAL DEPARTMENT

PHONE 1543-W

CERTIFICATE OF ANALYSIS

TO

Flat Top Mining Co.
Scott City, Kansas

Date 3-23-55
Order No. 2569-[illegible]

Material: Ore samples
Received: 3-21-55
For: Analysis

Lab. No.	Your No.	Description	%U_3O_8	%V_2O_5	%$CaCO_3$
2569-1	A-6-7.75	22-24	0.01		
2569-2	[illegible]-6-4.75	26-28	0.02		
2569-3	[illegible]-6-3.75	15-17	0.01		
2569-4	[illegible]-6-3.75	17-19	Nil		
2569-5	[illegible]-6-2.75	28-30	0.02		
2569-6	[illegible]-6-4.75	35-37	-0.01		
2569-7	[illegible]-6-3.25	43-45	0.01		
2569-8	[illegible]-6-5.75	44-46	Trace		
2569-9	[illegible]-6-4.75	47-49	Trace		
2569-10	[illegible]-6-7.25	52-54	-0.01		
2569-11	[illegible]-6-6.75	53-55	-0.01		
2569-12	[illegible]-6-5.75	62-64	-0.01		
2569-13	[illegible]-6-11.75	87-89	0.01		
2569-14	[illegible]-6-9.75	99-101	0.01		
2569-15	[illegible]-6-2.75	79-81	0.01		
2569-16	[illegible]-6-12.75	94-96	0.01		
2569-17	[illegible]-6-15.25	103-105	-0.01		
2569-18	[illegible]-6-13.75	107-109	0.01		
2569-19	[illegible]-6-7.75	107-109	Trace		
2569-20	[illegible]-6-15.25	109-110	-0.01		

Analyst.

DRILLER'S LOG

UTAH | COLORADO
ARIZONA | NEW MEXICO

Four Corners Exploration Company

P. O. BOX 116
GRANTS, NEW MEXICO

Weather: _____ Date: 2-16-55

Customer: Vapat Location: Grants N. M.

Flat Top 1-3 Sec 30/13/9

HOLE NO.	DEPTH FROM	DEPTH TO	ROCK COLOR	ROCK HARDNESS	ROCK TYPE	TIME STARTED	TIME ENDED	DELAYS, DIFFICULTIES, REPAIRS, ETC.
J.L-14.25	0	65	S	SD-GL	Csg			
	65	97	M	Se-Me				
	97	109	H	Lime	97			
	109	114	M	Se				
J.L-13.25	0	73	S	SD-GL				
	73	88	M	Se-Me	88			
	88	114	H	Lime			wet	hung in hole
	114	119	M	Se				
								2 water (M)
								F.B.R. 11 hrs ✓
								Chang 10 hrs ✓
								Salazar 10 hrs ✓

Driller: F. B. R.

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.4
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 14 1955

Month of December, 1954 Docket No. DMEA 3190 Contract No. Ida-5672
Operator's Name Richard Vopat et al Minerals Uranium
Address 601 Court St., Scott City, Kansas
Contract Amount, $ 11,007.50 Government Participation: 90 % Amount, $ 9,906.75

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling	$2,725.80	$6,049.30	$8,775.10			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$2,725.80	$6,049.30	$8,775.10	2725.80	6049.30	8775.10
				1/ 117.20	1/ 117.20	
				5931.60	*8657.40	
				$2,453.22		

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 1-12-55 *Payee Richard Vopat et al
Per Richard Vopat Title Operator

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

→ NOTE.—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.

(Instructions on reverse) 1/. Previous Disallowance

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:
Signature Randell R. Cooper (Authorized Certifying Officer)
Date 2/8/55 Vou. No. DMA-55-61
(See other side)

* 250.00 withheld

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-E672 in accordance with the terms of the contract.

Signature Hugh M. Conore #2,453.22 Title Mining Engineer Date Feb. 3, 1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: Berk.

Signature W. M. Shaver Title Executive Officer Date FEB 7 1955

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

GPO 83-38476

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.1
Approval expires 6-30-53.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 14 1955

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S UNIT COST AND PROGRESS REPORT

Month December 1955 Docket No. DME-3190 Contract No. Jdm-E672
Operator's Name Richard Vopat et al Minerals Uranium
Address 601 Court St., Scott City, Kansas

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core Rotary	.90'	$1,932.30	2,147	$6,555.60	7284	.90'	3,600	$3,240.00
Casing	.50'	$ 793.50	1,587	$1,592.50	3185	.50'	2,400	$1,200.00
Mud Wall	.30'	--0--	--0--	$ 627.00	2090	.30'	2,050	$1,025.00
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		$2,725.80		$8,775.10				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		$2,725.80		$8,775.10				$11,007.50

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Remarks: This report covers 26 of the 48 holes allowed under Stage #3 of the project.

Date 1-12-55 Operator Richard Vopat et al

Per Richard Vopat Title Operator

→ NOTE.—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.

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 83-38475

224 New Customhouse
Denver 2, Colorado

February 7, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: DMEA Docket-3190 (Uranium), Contract Idm-E672, Flattop Mining Company, (Flattop-Vilatie Hyde claims Nos. 1, 2, and 3), McKinley County, New Mexico - Operator's Monthly Progress Report for the period December, 1954

Enclosed are the original and four copies of Form-MF-104 and MF-104A, Narrative Report, and Engineer's Report for the above period.

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 90 per cent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

NOTE:

Drill logs which accompanied the original report are to be filed in this office.

Remarks:

Date of Report.....January 12, 1955
Date Received in Field Office.....January 17, 1955
Date Received in Region Office.....February 7, 1955

W. M. TRAVER

W. M. Traver

Enclosures

RDB:pw

cc: Subject
Chron
Sec.Op.Comm. (2)
Shaw

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

DMEA
FEB 7 1955

Region III

Building 20, Room 137
Denver Federal Center
Denver 2, Colorado
February 4, 1955

Memorandum

To: Executive Officer, DMEA Field Team, Region III
Through: John F. Shaw

From: Hugh M. Connors

Subject: DMEA 3190, Contract Idm-E672 (Uranium), Flattop Mining Company (Flattop-Vilatie Hyde claims Nos. 1, 2, and 3) McKinley County, New Mexico - Progress Report for December 1954, (partial work on Stage III of contract).

The subject project was visited on January 26, 1955, to inspect the progress being made under Stage III of the contract.

A total of 26 holes of the 48 holes allowed by Stage III of the contract have been drilled. F. O. Mancl, operator's representative, stated that the 26 holes were completed on December 20. No drilling was in progress on this property on the date of the inspection.

A total of 2,147 feet of drilling in Stage III is claimed by the operator. The driller's logs show 2,147 feet and the contract allows 3,600 feet total in Stage III.

The operator claims 1,587 feet of casing which agrees with the driller's logs. The contract allows 2,400 feet of casing for the 48 holes in Stage III.

Drilling is allowed for 2,147 feet of hole at $0.90 per foot, or a total of $1,932.30.

Casing is allowed for 1,587 feet of hole at $0.50 per foot, or a total of $793.50.

The approved costs for the first 26 holes in Stage III totals $2,725.80, making an approved grand total to date of $8,657.40.

DMRA 3190
Idaho-8672
2/4/55

All work appears to have been done in a workmanlike manner and according to the terms of the contract. It is recommended that the Government's share of the approved costs, 90 percent of $2,725.80, or $2,453.22, be paid to the operator.

Hugh M. Connors
Hugh M. Connors
Mining Engineer

HMC/cm

cc 6
DMRA 3190
Ohron

GEOLOGIC REPORT

Omed
FEB 2 1955

Hole No.	Depth to Limestone	Out of Limestone	Maximum Probe Count
G.6-5.25	47'	63'	.005%
G.6-6.25	47'	59'	.005%
F.6-5.25	41'	57'	.005%
F.6-4.25	36'	48'	.005%
F.6-6.25	38'	52'	.005%
F.6-7.25	42'	56'	.07%
E.6-9.25	57'	73'	.02%
E.6-8.75	55'	67'	.01%
E.6-8.25	37'	47'	.09%
F.1-8.25	41'	53'	.01-.5%
B.6-4.25	17'	29'	Nil
B.6-5.25	22'	30'	.01-.5%
A.6-7.25	12'	30'	.01-.5%
A.6-8.25	12'	32'	Nil
G.6-12.25	76'	92'	.02%
G.6-11.25	69'	83'	.005%
I.6-9.25	92'	108'	Nil
I.6-10.25	91'	107'	.01%
J.6-15.25	89'	117'	.01-.5%
K.6-15.25	109'	127'	Nil
K.6-13.25	99'	125'	.01-.5%
K.6-14.25	107'	127'	.01-.5%
K.6-8.25	104'	126'	.005%
K.6-7.25	94'	118'	.005%
K.6-4.25	80'	96'	.005%
K.6-3.25	73'	95'	.005%

NARRATIVE REPORT

This report covers 26 of the 48 holes under Stage 3 of our contract. We are allowed to drill 48 holes under stage three of our Contract.

Of the 26 holes drilled only 4 were completely negative. The remaining 22 holes are to be drilled as offset holes to holes showing probe anomaly and also to offset known ore holes to the north of these claims.

To date of the holes drilled none have been in ore however there is ample room between the holes drilled for normal sized ore bodies. All holes to date have been drilled on a pattern and most of the drilling in this area is drilled on 100 feet centers by operators in the area.

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.

Very truly yours,

Richard Vopat

Richard Vopat
601 Court St.
Scott City, Kansas

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of October, 1954 Docket No. DMEA 3190 Contract No. Idm-E672
Operator's Name Richard Vopat et al Minerals Uranium
Address 601 Court St., Scott City, Kansas
Contract Amount, $11,007.50 Government Participation: 90 % Amount, $ 9,906.75

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling	$2,872.60	$3,176.70	$6,049.30			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$2,872.60	$3,176.70	$6,049.30	2775.60	3156.60	5931.60

I certify that the above bill is correct and just and that payment therefor has not been received.

Date 11-8-54 *Payee Richard Vopat et al

Per Richard Vopat Title Operator

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—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.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 2247.50

Signature Randall R. Cooper
(Authorized Certifying Officer)

Date 11-22-54 Vou. No. DMA-55-35
(See other side)

5356.53

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-E 672 in accordance with the terms of the contract.

Signature Hugh M. Lomora #2,497.50 WMK Title Mining Engineer Date Nov. 15, 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: R.D.B.

Signature J. A. Shaw for W. H. KING Title Executive Officer Date NOV 19 1954

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
DEC 8 1954

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of October 1954 Docket No. DMEA 3190 Contract No. Idm-X672
Operator's Name Richard Vopat et al Minerals Uranium
Address 601 Court St., Scott City, Kansas

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: XXX Rotary	.90'	$2,073.60	2,304	$4,623.30	5,137	.90'	2,250	$2,025.00
XXXX Casing	.50'	799.00	1,598	799.00	1,598	.50'	1,600	750.00
XXXMud Wall	.30'	--0--	--0--	627.00	2,090	.30¢	2,050	$1,025.00
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		$2,872.60		$6,049.30				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$2,872.60		$6,049.30				$11,007.50

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date 11-8-54 Operator Richard Vopat et al

Per Richard Vopat Title Operator

REMARKS: This report covers entirely Stage 1 and Stage 2 of the project

NOTE.—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.

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
REGION IV

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 6 1954

Administrative Audit Difference Statement

Date: [illegible]
Payee's
Reference: [illegible]

[illegible]
[illegible]
[illegible]

Upon examination of the above Payee's reference a difference was found which made it necessary to suspend your account accordingly:

Amount Claimed $ [illegible]

Difference $ [illegible]

Amount Approved $ [illegible]

The reason for the difference was due to:

[illegible] 20.00

[illegible] 10.00

97.00

[illegible]

Any reclaim for deductions made above must be supported by the ORIGINAL of this form.

Very sincerely yours,

N.E.Stokes
Audit Section

R-IV-B & F Form No. 4
4-15-52 D

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

224 New Customhouse
Denver 2, Colorado

November 19, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 3190 (Uranium) Contract Idm-H672, Flattop Mining Company (Flattop-Vilatie Hyde claims Nos. 1, 2, and 3) McKinley County, New Mexico. Operator's Monthly Progress Report for the period October 1954.

Enclosed are the original and four copies of Form MF-104 and MF-104A, Narrative Report, and Engineer's Report for the above period.

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 90 per cent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

A disallowance is to be made for 54 feet of drilling at $0.90 per foot or $48.60, and 98 feet of casing at $0.50 per foot or $49.00. These footages are in excess of amounts as allowed by contract. In addition an amount of $250.00 is to be withheld from the payment due the operator pending resolution of matters pertaining to Stage III work.

Remarks:

Date of Report	November 8, 1954
Date Received in Field Office	November 12, 1954
Date Received in Region Office	November 18, 1954

John F. Shaw
for W. H. King

Enclosures
RDB:dm
cc: Sec. to Oper. Comm. (2)
Subject
WMTraver
JWTownsend
Chron

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
November 17, 1954

Memorandum

To: Executive Officer, DMEA Field Team, Region IV

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

Subject: DMEA 3190, Contract Idm-2672 (Uranium) Flattop Mining Company (Flattop-Vilatia Ryde claims Nos. 1, 2, and 3) McKinley County, New Mexico - Progress report for October 1954 (Stage II of the contract)

Enclosed are the original and four copies of the above progress report, the second one--forms MF-104 and MF-104A, with narrative, geologic report, sketch map, and one copy of driller's logs--and the original and six copies of H. H. Connor's memorandum covering his inspection of the surface drilling progress and checking the reporting forms. The contract is unit cost on short form MF-200(A) and documentation is not required.

On the routine monthly inspection made November 3, 1954, Connors verified the completion of Stage II under the contract, rotary drilling in 30 holes for 2,304 feet and casing 1,398 feet. The contract, however, allows only 2,250 feet of drilling and casing to the top of the Todilto limestone which according to the driller's logs in this instance amounts to 98 feet more than the contract allows. Accordingly, disallowances are made for 54 feet of drilling at 90 cents a foot or ~~$97.60~~ and 98 feet of casing at 50 cents a foot or $49.00, a total of $97.60. Otherwise, the accounts are acceptable as work was performed in accordance with the terms of the contract and amendments thereto. Corresponding corrections will, of course, be required in the cumulative totals on the forms. $48.60 Rick.

The $97.60 disallowance subtracted from $2,872.60 claimed by the contractor leaves $2,775.00. Of this amount, 90 percent, or $2,497.50, is approved for payment and certified on the MF-104 forms.

W. M. Traver

W. M. Traver

enclosures

cc 6
2672
DMEA Chron.

WMT/pah

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
November 16, 1954

Memorandum

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

From: R. M. Connors

Subject: RMRA 3190, Contract Idm-2672 (Uranium) Flattop Mining Company (Flattop-Vilatie Hyde claims Nos. 1, 2, and 3) McKinley County, New Mexico - Progress report for October 1954 (Stage II of the contract)

The subject project was visited on November 3, 1954, to inspect the progress made under Stage II of the contract which had been completed.

A total of 30 holes have been drilled under Stage II of the contract and are acceptable.

A total of 2,304 feet of drilling in Stage II is claimed by the operator. The driller's logs show 2,294 feet and the contract allows 2,250 feet of drilling in this stage.

Casing was used in all Stage II holes from the surface to the top of the Todilto limestone. The operator claims 1,598 feet of casing which agrees with the driller's log but is 98 feet more than the contract allows. The driller's logs are shown in tabulated form in the following table:

Table 1.
Condensed Driller's Logs

Hole No.	Feet	Alluvium and Summerville Feet	Todilto Feet	Entrada Bottom Hole
B.6-2.75	0	15	27	32
D.6-2.75	0	18	32	37
F.6-2.75	0	34	48	53
J.6-2.75	0	61	87	92
J.6-4.75	0	65	93	98
H.6-4.75	0	59	75	80
F.6-4.75	0	37	49	54
D.6-4.75	0	25	39	44
B.6-4.75	0	20	30	35
B.6-6.75	0	23	43	48
D.6-6.75	0	30	46	51

Hole No.	Feet	Allerton and Somerville Feet	Nellie Feet	Rotunda Bottom Hole
F.6-6.75	0	41	55	60
E.6-6.75	0	57	77	82
J.6-6.75	0	75	99	104
J.6-8.75	0	91	115	120
E.6-8.75	0	76	[illegible]	101
F.6-8.75	0	61	85	90
D.6-8.75	0	47	59	64
E.6-8.75	0	53	71	76
B.6-8.75	0	27	43	48
J.6-10.75	0	97	121	126
E.6-10.75	0	83	97	102
F.6-10.75	0	62	76	81
D.6-10.75	0	54	72	77
F.6-12.75	0	62	84	89
E.6-12.75	0	89	99	104
J.6-12.75	0	98	118	123
D.6-12.75	0	55	71	76
B.6-12.75	0	50	70	75
E.6-10.75	0	45	65	70
Totals 30		1,598	2,144	2,594

Drilling is allowed for 2,850 feet of hole at $0.30 per foot or a total of $8,085.00 which is 54 feet less than the footage of 2,304 claimed by the operator and $45.60 less than the $8,073.60 submitted by the operator.

Casing is allowed for 1,300 feet of hole at $0.30 per foot or a total of $390.00. The additional 98 feet of casing and $29.00 as submitted by the operator is disallowed.

The disallowances for Stage II total $97.60. The approved costs of Stage I totals $2,156.60 and for Stage II is $2,775.00 making an approved grand total of $5,931.60 for Stage I and Stage II.

All work appears to have been done in a workmanlike manner and according to the terms of the contract. It is recommended that the Government's share of the approved costs, 90 percent of $2,775.00, or $2,497.50, be paid to the operator.

F. V. Everett, for
H. M. Connors
Mining Engineer

cc &
DGTE
NMBA Green.

HMC/pab

GEOLOGIC REPORT

Hole No.	Depth to Limestone	Out of Limestone	Maximum Probe Count	Remarks
B.6-2.75	15'	27'	.01%	Traces near top, not too impressive
D.6-2.75	18'	32'	.03%	Count in bottom of lime
F-6-2.75	34'	48'	.005%	Traces near top, not too impressive
J.6-2.75	61'	87'	.03%	Traces 61'-72½' & 79'-82½'
J.6-4.75	65'	93'	.01%	" 69½'-79½' & 86'-86½'
H.6-4.75	59'	75'	.005%	Traces top of lime, not too impressive
F.6-4.75	37'	49'	.06%	This count bottom of lime
D.6-4.75	25'	39'	.02%	Traces throughout lime
B.6-4.75	20'	30'	.09%	This count bottom of lime
B.6-6.75	25'	43'	.01%	Traces from 25' to 32½'
D.6-6.75	30'	46'	.005%	Traces 31½'-34' & 43½'-46'
F.6-6.75	41'	55'	.04%	" 41½'-45½' Count bottom lime
H.6-6.75	57'	77'	.005%	" 60' to 64½'
J.6-6.75	75'	99'	.02%	Traces 79½'-83½' & Count 94'-95½'
J.6-8.35	91'	115'	.005%	Traces from 98½' to 102½'
H.6-8.75	76'	96'	.01%	Count 83'-84'--traces 84½'-85'
F.6-8.75	61'	83'	.005%	Traces 70'-71½' appears negative
D.6-8.75	47'	59'	.005%	Traces near top, not too impressive
H.6-2.75	53'	71'	.005%	" " " " " "
B.6-8.75	27'	43'		Completely negative
J.6-10.75	97'	121'	.005%	Traces from 101' to 106'
H.6-10.75	83'	97'	.005%	Traces in top, not too impressive
F.6-10.75	62'	78'	.005%	Traces 65'-68½' & 74½'-75½'
D.6-10.75	54'	72'	.01%	Count 55½' to 60½'
F.6-12.75	62'	84'	.01%	This count 67' to 82½'
H.6-12.75	85'	99'	.005%	Trace in top, not too impressive
J.6-12.75	90'	118'	.03%	Traces from 90' to 107½'
D.6-12.75	55'	71'	.005%	Traces 57' to 61' & 66½' to 68½'
B.6-12.75	50'	70'	.005%	Traces near top, not too impressive
B.6-10.75	45'	65'	.01%	Traces from 45'-52' & 62'-64½'

NARRATIVE REPORT FOR
AEC Docket No. 3190
Contract Ida-2672
Month of October, 1954

All 30 holes in Stage 2 of the subject contract have been drilled, logged, and sample cuttings collected and placed in storage. In Stage 2 it was decided to use casing rather than mud on these particular claims because the ground here is unusually difficult to hold open on account of sand and gravel in what appears to be an old river bed. While some of the holes would stand up with the mud drilling process their locations are not precisely predictable and therefore it was decided a uniform procedure would be best.

The following summarizes drilling results of Stage 2.

1 Hole completely nil.				
13 Holes	.005%	maximum	probe	anomaly
7 Holes	.01%	"	"	"
3 Holes	.02%	"	"	"
3 Holes	.03%	"	"	"
1 Hole	.04%	"	"	"
1 Hole	.06%	"	"	"
1 Hole	.09%	"	"	"
30				

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. V. Hanel 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

Richard Vopat
601 Court St.
Scott City, Kansas

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.4
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 28 1954

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of September 1954 Docket No. DMEA 3190 Contract No. Idm-E672
Operator's Name Richard Vopat et al Minerals Uranium
Address 601 Court St., Scott City, Kansas
Contract Amount, $ 11,007.50 Government Participation: 90% Amount, $ 9,906.75

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling	$3,176.70	None	$3,176.70			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$3,176.70	None	$3,176.70	3156.60		3156.60

I certify that the above bill is correct and just and that payment therefor has not been received.

Date 9/23/54 *Payee Richard Vopat et al

Per Richard Vopat Title Operator

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—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.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 2840 94

Signature Randell R. Cooper
(Authorized Certifying Officer)

Date 10/22/54 Vou. No. OMA-55-28
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-E672 in accordance with the terms of the contract.

Signature [illegible] $2,840.76 Title Mining Engineer Date Sept. 28, 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: L.D.B.

Signature W. S. Kung Title Executive Officer Date OCT 13 1954

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

GPO 83-38476

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.1
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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OCT 28 1954

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of September 195 4 Docket No. DMEA 3190 Contract No. Idm-E672
Operator's Name Richard Vopat et al Minerals Uranium
Address 601 Court St., Scott City, Kansas

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: ~~Core~~ XX Rotary	.90 ft	$2,549.70	2,833	$2,549.70	2,833	.90	3,075	$2,767.50
~~Churn~~ XXXX Rotary	.30 ft	$ 672.00	2,090	$ 627.00	2,090	.30	2,050	$1,025.00
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		$3,176.70		$3,176.70				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$3,176.70		$3,176.70				$11,007.50

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date 9-23-54 Operator Richard Vopat et al

Per Richard Vopat Title Operator

NOTE.—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.

(Instructions on reverse)

REMARKS: This report covers entirely Stage No. 1 of the project.
Only 33 of the 41 holes authorized in Stage 1 of this contract are charged herewith 8 holes were drilled prior to the effective date of contract entirely at operator's own expense

(For Government use only)

INSTRUCTIONS

Preparation of Form MF–104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF–104A has been designed to tie in with Form MF–104 for both monthly and cumulative costs. The "Total Costs" on Form MF–104A for each month should equal the monthly "Total Costs" as reported on Form MF–104. This is also true of the "Total Costs To Date".

In preparing Form MF–104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 83-38475

U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
REGION IV

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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Administrative Audit Difference Statement

Date:
Payee's
Reference: August
and September, 1954

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

Upon examination of the above Payee's reference a difference was found which made it necessary to suspend your account accordingly:

Amount Claimed	$ 1176.70
Difference	$ 20.10
Amount Approved	$ 1156.60

The reason for the difference was due to:

27 feet Diamond Drilling at 0.90 per foot	15.30
16 feet Drilling with Rotomite nut at 0.30 per foot	4.80

Any reclaim for deductions made above must be supported by the ORIGINAL of this form.

Very sincerely yours,

N.E.Stokes
Audit Section

R-IV-B & F Form No. 4
4-15-52 D

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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224 New Customhouse
Denver 2, Colorado

October 13, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 3190 (Uranium) Contract Idm-E672
Flattop Mining Company (Flattop-Vilatie Hyde claims No. 1, 2, and 3), McKinley County, New Mexico.
Operator's Monthly Progress Report for the period July, August, and September 1954.

Enclosed are the original and four copies of Form MF-104 and MF-104A, Narrative Report, and Engineer's Report for the above period.

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 90 per cent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

The following amounts are to be disallowed as the reported footages are not in agreement with footages drilled as reported on driller's logs:

17 ft. Diamond Drilling at $0.90/ft.	$15.30
16 ft. Drilling with Bentonite Mud at $0.30/ft.	4.80
Total Disallowance	$20.10

Remarks:

Date of Report	September 23, 1954
Date Received in Field Office	September 27, 1954
Date Received in Region Office	October 12, 1954

W H King
W. H. King

Enclosures
RDB:dm
cc: Sec. to Oper. Comm. (2)
WMTraver
Subject
Chron

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 28 1954

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
October 8, 1954

Memorandum

To: Executive Officer, DMEA Field Team, Region IV

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

Subject: DMEA 3190, contract Idn-E672 (Uranium) Flattop Mining Company (Flattop-Vilatie Ryde claims Nos. 1, 2, and 3) McKinley County, New Mexico - Progress report for July, August, and September 1954 (Stage I of the contract)

Enclosed are the original and four copies of the above progress report, the initial one--forms MF-104 and MF-104A, with narrative, sketch map, and copy of driller's logs--and the original and six copies of J. N. Soule's memorandum covering his inspection of the surface drilling progress and checking the reporting forms. The contract is unit cost on short form MF-200(A) and documentation is not required.

Soule' inspected the project on October 5, 1954, and verified the drilling progress and accepts the contractor's claim except for minor disallowances explained in his memorandum. These include 17 feet of drilling at 90 cents a foot and 16 feet of drilling with bentonite and at 30 cents a foot, totaling $20.10. Otherwise the accounts are in order and work was performed in accordance with the contract and amendments thereto.

The $20.10 disallowances subtracted from $3,176.70 claimed by the contractor leaves $3,156.60. Of this sum 90 percent, or $2,840.76, is approved for payment and certified on the MF-104 forms.

You will note that 41 holes were actually drilled but only 33 charged to the project as 8 of the holes were reportedly drilled prior to the effective date of the contract.

W. M. Traver

enclosures

cc 4
E672
DMEA Chron.

WMT/pam

UNITED STATES
DEPARTMENT OF THE INTERIOR
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DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 28 1954

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
October 7, 1954

Memorandum

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

From: J. H. Soule'

Subject: DMEA 3190, contract 14n-8678 (Uranium) Flattop Mining Company (Flattop-Vilatie Hyde claims Nos. 1, 2, and 3) McKinley County, New Mexico - Progress report for July, August, and September 1954 (Stage I of the contract)

The subject project was visited on October 5, 1954, to inspect the progress made under Stage I of the contract. At the time of the visit, Stage I had been completed and the operators were ready to start Stage II.

A total of 41 holes were drilled of which 8 were not charged to the project. These 8 holes were started prior to July 1, 1954, and were done for assessment work and reportedly prior to the starting date of the contract. The drilling of the 33 holes charged to the project was started on August 31, 1954, which is well in advance of the September 20, 1954 starting date allowed by Amendment No. 2 to the contract. The starting date of the project is approved.

A total of 2,833 feet of drilling is reported for Stage I. The operator's geologic logs do not show the depths of the holes. However, according to the driller's logs, a summation of the hole depths totals only 2,816 feet, some 17 feet less than reported by the operator. Approval is given for 2,816 feet of drilling.

According to the geologic log, a total of 2,656 feet was drilled to the bottom of the Todilto limestone. This is at variance with the driller's logs which show 2,651 feet, a difference of 5 feet. This is important because it is stated in the contract that the holes are to be drilled 5 feet below the bottom of the Todilto limestone. The 2,651 feet reported in the driller's logs plus 5 feet for 33 holes, 165 feet, equals 2,816 feet, the total approved from the driller's logs. It may be that a more careful logging of the holes would place the bottom of the Todilto limestone at a different level than noted by the driller. It seems that the differences are due, in a large part, to errors in the geologic logs so approval is given to the driller's logs and it is deemed that the holes did not exceed the 5-foot depth below the bottom of the Todilto limestone.

Variance also is noted in the depths to the top of the Todilto limestone. This is the basis for determining the casing or drilling with

bentonite mud that will be charged to the project. The operator reports 2,090 feet of drilling with bentonite mud. According to the driller's logs, this total is only 2,074 feet and this is at variance with itself as the hole depths during the mud drilling and the starting depths of the limestone drilling are not always in agreement. However, it seems that the 2,074 feet of mud drilling can be approved. The 2,090 feet reported by the operator is not approved. The driller's logs are shown in tabulated form in the following table:

Table 1

Condensed Driller's Logs

Hole No.	Feet	Alluvium and Pennsylvania	Feet	Trinity	Feet	Entrada	Bottom of hole
G6-1.75 ✓	0		44		38		57
H6-1.75 ✓	0		34		76 (64)		81
K6-1.75 ✓	0		59		85		90
H6-3.75 ✓	0		49		88(93)		97
K6-3.75 ✓	0		53		83		88
G6-3.75 ✓	0		48		60		65
H6-5.75	0		34		48		53
G6-5.75	0		30		66		71
K6-5.75	0		68		90		95
H6-5.75	0		81		103		108
H6-7.75	0	22	39		125		130
K6-7.75	0		89		99		104
G6-7.75	0		53 (69)		67 (87)		78
H6-7.75	0		33		45		50
G6-9.75	0		47		63 (99)		68
H6-9.75	0		60		84		89
G6-9.75	0		69		87		92
K6-9.75	0		89		105		110
H6-9.75	0		103		123		128
H6-11.75	0		105		125		130
K6-11.75	0		86		104		109
G6-11.75	0		65		91		96
H6-11.75	0		55		73		78
G6-11.75	0		49		65		70
A6-11.75	0		41		61		66
A6-13.75	0		40		56		61
C6-13.75	0		54		74		79
H6-13.75	0		67		81		86
G6-13.75	0		78		96		101
K6-13.75	0	55	83		103		108
H6-13.75	0		99		121		126
B-9	0		18		20		23
B-187.5	0		20		28		33
Totals - 33			3074		2651		2816

Figures in parentheses ( ) reported by the operator.
Figures underlined are discrepancies in driller's logs.

Drilling is allowed at a rate of $0.90 per foot. For the approved 2,816 feet the approved cost of drilling is $2,534.40. Drilling with bentonite mud is allowed at a rate of $0.30 per foot and for the approved total of 2,874 feet of such drilling, costs of $862.20 are indicated. The approved costs chargeable to the project total $3,156.60. The costs as reported by the operator on forms MF-104 and MF-104A are $2,549.70 for drilling and $627.00 for the use of bentonite mud. This totals $3,176.70 which is $20.10 over the approved total.

The results obtained in the drill holes were not very encouraging although some were interesting. Radiometric logs indicated a high of 0.09 percent U_3O_8 down to nil. A few holes (5) contained 0.04 percent U_3O_8 or more, and it seems indicated that these holes be bracketed with offset drilling. The 0.09 assay was noted above the Todilto limestone and was not deemed important.

All work seems to have been done in a workmanship like manner and, with minor variations, according to the terms of the contract. It is recommended that the Government's share of the approved costs, 90 percent of $3,156.00, or $2,840.94, be paid to the operator.

J. H. Soule'
Mining Engineer

cc 6
2672
DMEA Chron.

JHS/pam

NARRATIVE REPORT FOR
DMEA Docket No. 3190
Contract Ldm-E-672
Month of September, 1954

Division of the United States Minerals Administration
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All 41 holes in Stage I of the subject contract have been drilled, logged, and sample cuttings collected and placed in storage. Only 33 of these 41 Stage I holes are being billed against authorized contract costs because 8 holes were drilled prior to the effective date of the contract entirely at the operator's own costs.

Of the 41 primary holes only 13 were completely negative. The other 28 holes had varying amounts of traces though intno instance was an ore body perforated. The ore bearing Todilto Limestone formation was found in all holes, varying in thickness from a minimum of 8 feet to a maximum of 26 feet.

The fact that an ore body was not perforated in Stage I drilling, which was done on 200 foot centers, was not in the least surprising. In fact as favorable as the ground is the odds are definitely against the location of an ore body on such wide spacing. All operators in this area working with their own funds on ground such as Flat Top Claims 1, 2 and 3 drill the ground on 100 foot centers and even then locate substantial ore bodies from trace showings, without a direct hit into an ore grade hole with economic thickness. It must be kept in mind that the character of the ore bodies in this section of ground are long and narrow following fractures, making ore, pinching out and making ore again. Very seldom, so far, have the ore bodies attained a width of 50 feet with 30 feet being more nearly average.

Perhaps right now it might be well to mention that on DMEA Contract #3089 on claims adjoining on the east, which were drilled concurrently, two hits were made into high grade ore of substantial thickness on border line holes, one of them showing six feet of 1% ore (approximation pending assays). This is mentioned at this time to establish the fact that now the subject claims have known ore bodies within a very short distance in all directions, north, south, east and west, and that so far in Section 30 no explored area as large as Flat Top 1, 2, and 3 has been without an ore body.

As regards to Stage 2 drilling, while there are now some holes which warrant offsetting we believe it advisable to remain on overall broad grid drilling. That is, we suggest the next 30 holes be used in the centerpoints of the 200 foot blocks and thereby shortening basic grid distances.

Such a program will of course help to define the structure contour of the Todilto-Entrada contact. This is important in locating fracture zones and localized synclinal areas which seem to be related to the deposition of ore. With the added information we will be able to make wiser use of Stage 3 drilling which will be directed at actual discovery in the most select areas.

NARRATIVE REPORT FOR
DMEA Docket No. 3190
Contract Idm-R672
Month of September, 1954
(continued)

We are enclosing a structure contour map drawn up on the information we now have. While it shows some disturbed areas we think that with a re-drawal of the same after proposed Stage 2 drilling we will be able to make much keener observation, and of course it is possible that such Stage 2 drilling might result in discovery.

Further we request authorization to continue on Stage 3 drilling immediately upor completion of Stage 2 drilling. There all ready are several favorable areas and undoubtedly there will be more upon completion of proposed Stage 2.

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 Corrers Exploration Company at the request of the writer. Any additional information which may be required will be gladly furnished.

Very truly yours,

Richard Vopat

Richard Vopat
601 Court St.
Scott City, Kansas

GEOLOGIC REPORT

Hole No.	Depth to Limestone	Out of Limestone	Maximum Probe Count	Remarks
G.6 1.75	44'	52'		Completely Negative
I.6 1.75	54'	64'		" "
K.6 1.75	69'	85'		" "
A.6 3.75	14'	28'		" "
C.6 3.75	13'	27'	.09%	Count near top, not too impressive
E.6 3.75	26'	36'	.01%	Trace throughout lime
G.6 3.75	46'	60'	.005%	Trace top of lime, appears negativ
I.6 3.75	63'	83'		Completely negative
K.6 3.75 *	69'	93'	.02%	This trace 6' from top of lime about 1' thick
A.6 5.75	17'	29'	. 01%	We question this count, think it to be counter drift
C.6 5.75	24'	40'	.02%	We question this count, think it to be counter drift.
E.6 5.75 *	34'	48'	.02%	This trace 11' from top of lime- about 1' thick
G.6 5.75 *	50'	66'	.08%	Traces 3' thick 10' from top of lime
I.6 5.75	68'	90'		Completely negative
K.6 5.75	81'	103'	.005%	Traces in top of lime, appears negative
A.6 7.75 *	8'	29'	.04%	Scattered traces throughout lime
C.6 7.75	30'	44'	.04%	Traces throughout lime
E.6 7.75	33'	45'		Completely negative
G.6 7.75 *	69'	87'	.01%	Scattered traces 71½' to 75½'
I.6 7.75	89'	99'		Completely negative
K.6 7.75 *	99'	125'	.02%	Scattered traces 106' to 113½'
A.6 9.75	29'	50'		Completely negative
C.6 9.75 *	47'	59'	.005%	Scattered traces 49' to 58'
E.6 9.75	60'	84'		Completely negative
G.6 9.75 *	69'	87'	.005%	Continous traces, 72½' to 75½'
I.6 9.75 *	89'	105'	.04%	Scattered traces, 91' to 103½'
K.6 9.75	103'	123'		Completely negative
A.6 11.75	41'	61'		Completely negative
C.6 11.75	49'	65'	.005%	Traces on top, appears negative
E.6 11.75	55'	73'	.005%	" " " " "
G.6 11.75 *	65'	91'	.02	Scattered traces, 75' to 88'
I.6 11.75 *	86'	104'	.005%	Continous traces, 90' to 93½'
K.6 11.75 *	105'	125'	.005%	Continous traces, 107' to 110½'
A.6 13.75	40'	56'		Completely negative
C.6 13.75 *	54'	74'	.005%	Scattered traces, 58¼ to 67'
E.6 13.75 *	67'	81'	.005%	Contionous traces, 75½' to 78'

GEOLOGIC RECORD (Continued)

Hole No.	Depth to Limestone	Out of Limestone	Maxium Probe Count	Remarks
G.6 13.75	78'	96'		Completelt negative
I.6 13.75*	83'	103'	.005%	Continous traces, 88½' to 93'
K.6 13.75*	99'	121'	.04%	Continous trace throughout
B-2	12'	20'	.005%	Traces top of lime, appears negative
E-187.5	20'	28'		Completely negative

* Indicates holes to be considered for offsetting.

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

MAR 28 1956

Flat Top Mining Company
c/o Mr. Richard Vopat
601 Court Street
Scott City, Kansas

Re: Docket No. DMEA-3190 (Uranium)
Contract No. Ida-8672
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,

Administrator

Copies to:
Avis M. Young, 711 Church Street, Scott City, Kansas
R. M. Spencer, 606 Russell Street, Scott City, Kansas
Fred M. Heine, Inman, Kansas
Robert B. Wakely, 337 South Tarrant Drive, Wichita, Kansas
Frank and Hazel L. Marsh, Aztec, San Juan County, New Mexico
Mrs. Vilatie W. Hyde, Rhinecliff, Valencia County, New Mexico
Kelly Uranium Corporation, 340 Third Street, N. W. Albuquerque, N. M.

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

Mining/Ga. 3-26-56
w/ Adm.'s Reading File
Docket
Memo: Discontinued, Rec. 3/26
McKinley Co., N.M.
Alma Ind. Rec. 3/26
Old

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB - 7 1955

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-200(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

Scott City, Kansas
January 15, 1955

DEPARTMENT OF THE INTERIOR
Bureau of Land Management
DENVER
FEB 7 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-16#2

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

RECEIVED
JAN - 1 1955

No. 3

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 "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) preceeding 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

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

Re: Docket No. 3190
Contract Idm-E672

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

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

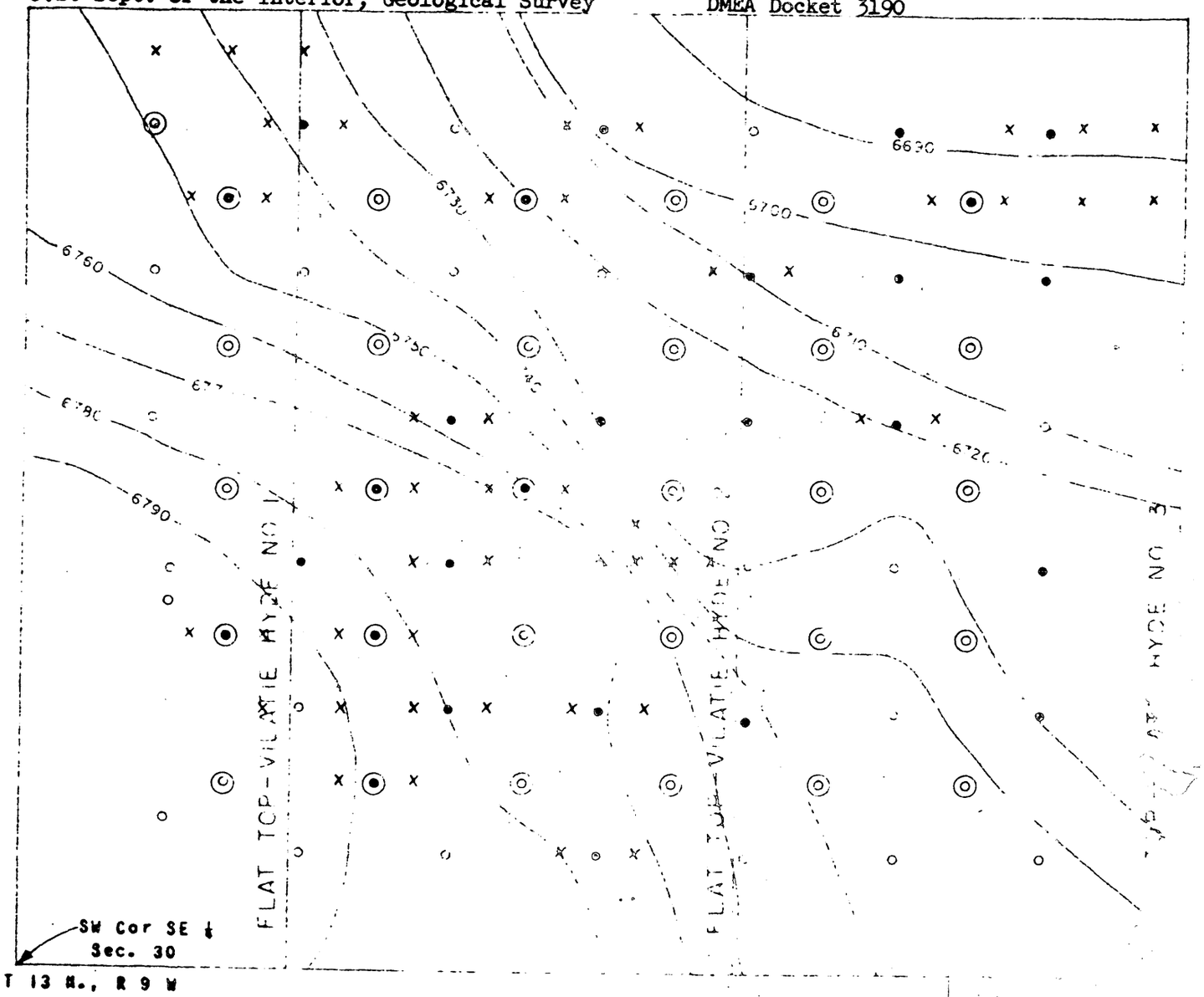
for E. M. Hauskmann

A. H. 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

Figure 1. SKETCH MAP OF THE FLAT TOP-VILLATIE HYDE NOS. 1-8 GLA[illegible]

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: DMRA 3190, Contract Idm-E672 (Uranium) Flattop Mining Company (Flat Top-Vilatie 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.

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

cc 8
E672
DMRA 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-E672, Richard Yopet, 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.N. Hauskman
per 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:

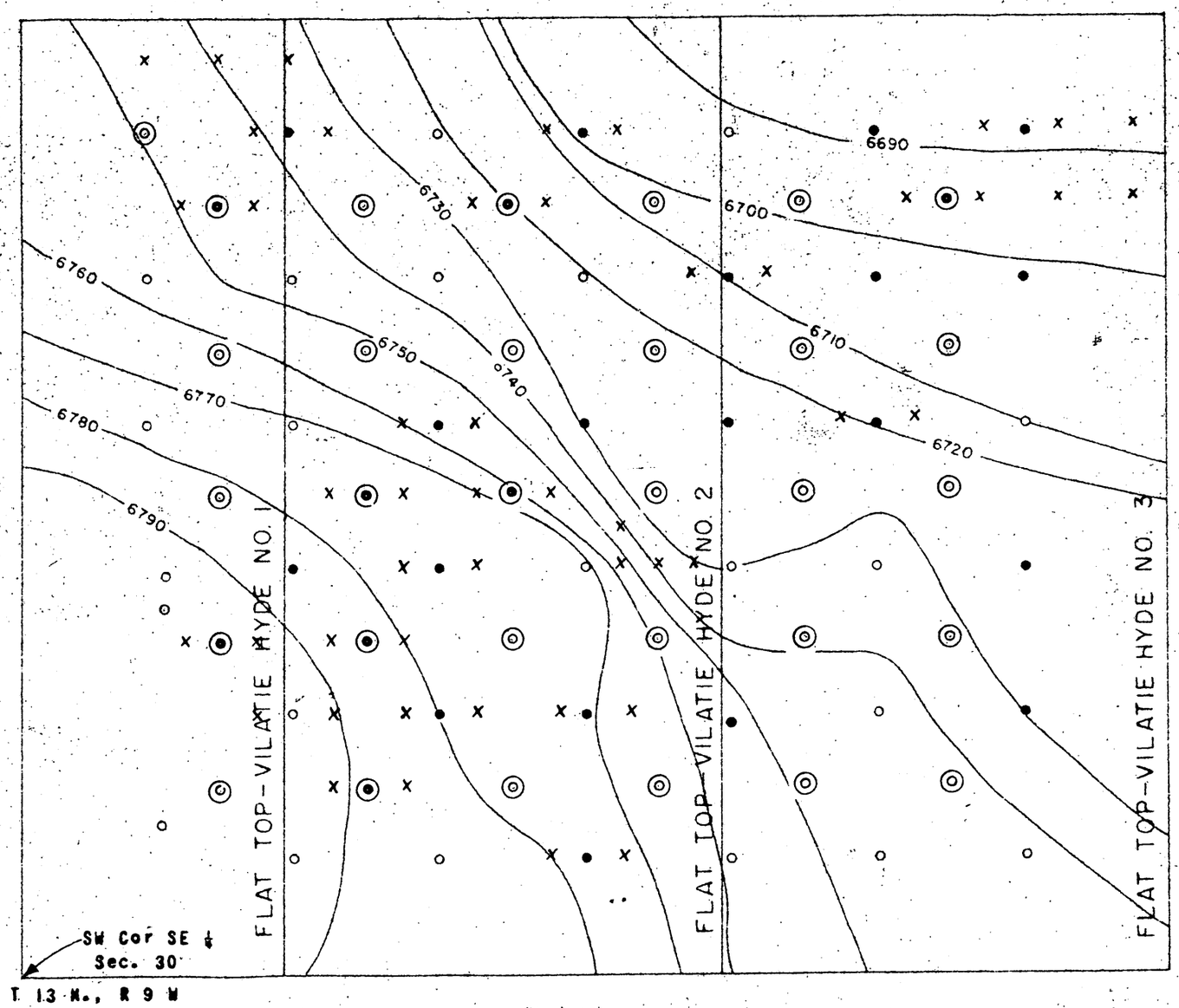
1. The 19 holes drilled under stages 1 and 2 that have the most significant in-hole anomalies be offset by holes 50 feet on either side. These 38 proposed holes are located along east-west trending lines planned to intersect the general northward trend of the known deposits in adjoining ground (see attached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

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

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

Proposed Stage 3 Drill Holes, DME 3190, Contract Idm-E672

It is now proposed that in Stage 3 the better anomalies 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. 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
DELA FIJPO CONTRACT LDN 2-6

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.6-4.25	" " " " "
31-•	E.6-8.75	" " " " "
32-•	E.6-9.25	" " " " "
33	E.6-5.25	To offset probe anomaly
34	D.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.

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".

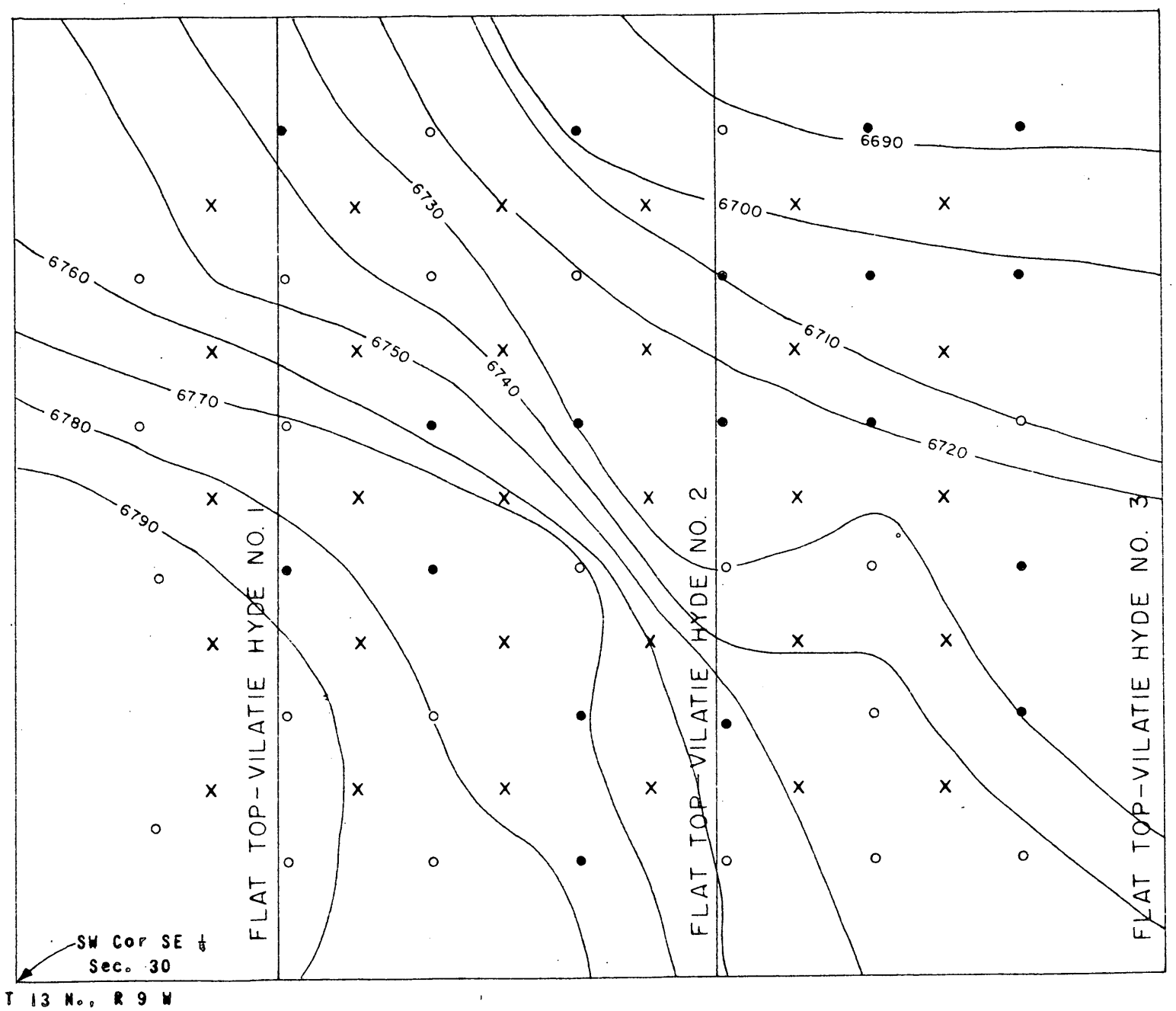
Very truly yours,

W H King
W. H. King

for E. N. Hauschmann
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.



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

OCT 21 1954

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

October 8, 1954

Memorandum

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

WPWilliams
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.

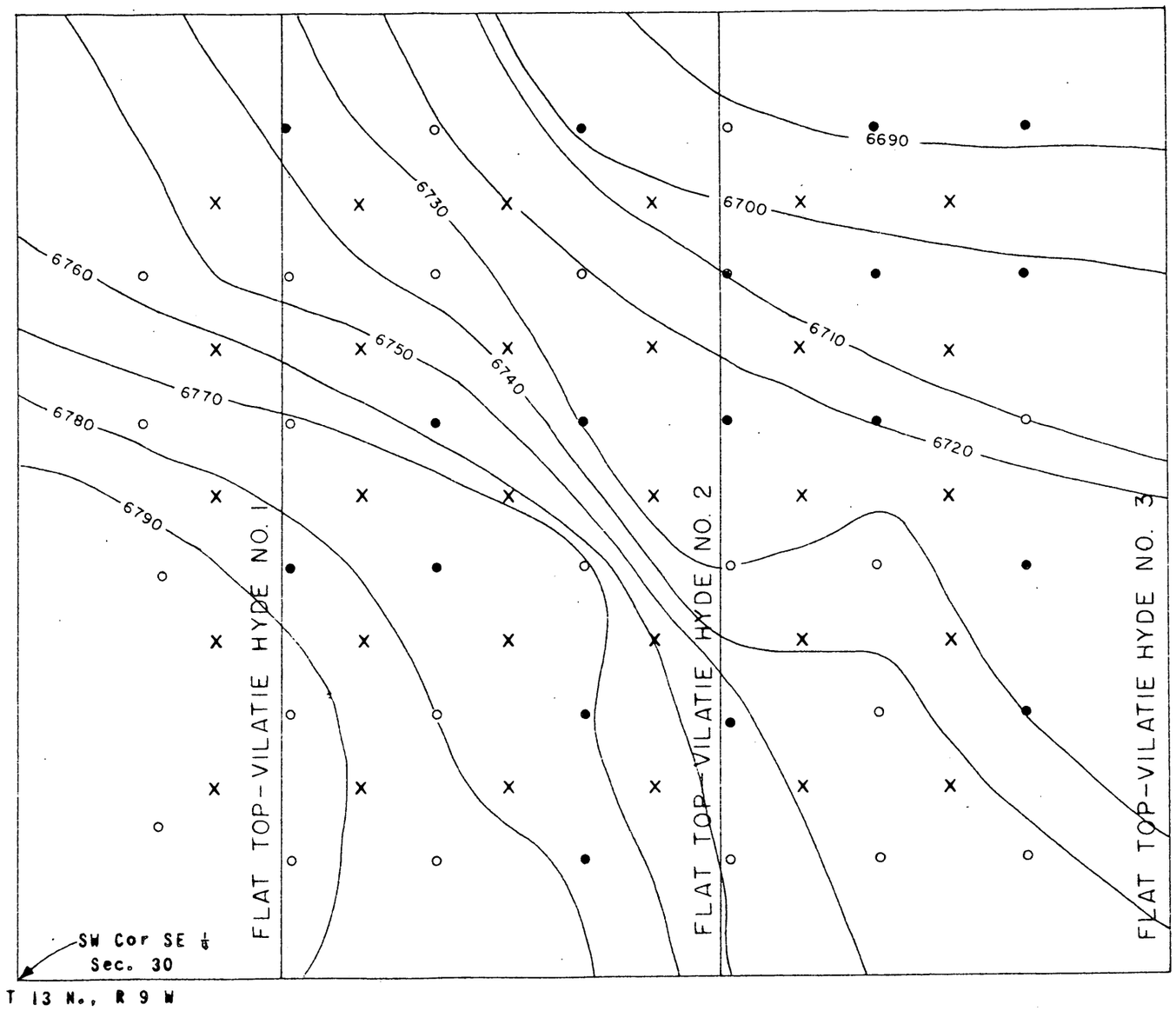
Drilling, therefore, in stage 2 to search for ore deposits by the guidance mostly of the low-grade anomalies could result in the expenditure of considerable drill-hole footage for any ore discovery made. Vopat's plan will postpone the actual search for ore bodies, but stands a reasonable chance of providing 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

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

No. 2

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, 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 20, 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

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

Government Copy

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

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 Vopat, Avis M. Young, R. H. Spencer, Fred M. Heine, and Robert B. McNeely, doing business as Flattop Mining Company, hereinafter called the "Operator," that Exploration Project Contract Idm-E672 (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 _____
Administrator, Defense
Minerals Exploration
Administration

FLATTOP MINING COMPANY

By _____
(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, 1954.

Hazel I. Manol [Seal]
Hazel I. Manol

Valatie W. Hyde [Seal]
Valatie W. Hyde

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

[illegible] FORM QUITCLAIM DEED—New Mexico Statutory Form—Approved by State Committee on Standard Forms, Oct. [illegible]

QUITCLAIM DEED

ARTHUR W. HYDE, husband of VILATIE W. HYDE, for consideration paid, quitclaims to VILATIE W. HYDE, his wife, the following described real estate in McKinley County, New Mexico:

FLAT TOP VILATIE HYDE #1 MINING CLAIM, which claim starts at a point on the South line of Section 30, Township 13 North, Range 9 West, N.M.P.M., 2,400 feet East of the Southwest corner of said Section 30 and runs thence at right angles to said South line of Section 30 a distance of 1,500 feet in a Northerly direction, thence in an Easterly direction at right angles to the last course a distance of 600 [illegible] thence in a [illegible] course a distance of 600 [illegible] a distance of 1,500 feet, thence in a Westerly direction along the South line of said Section 30 a distance of 1,500 feet to the point of beginning.

[illegible] VILATIE HYDE #2 MINING CLAIM, which claim starts at a point [illegible] South line of Section 30, Township 13 North, Range 9 West, [illegible] 2,400 feet East of the Southwest corner of said Section 30 [illegible] runs thence at right angles to said South line of Section 30 a [illegible] of 1,500 feet in a Northerly direction, thence in an East- [illegible] direction at right angles to the last course a distance of 600 [illegible] thence in a Southerly direction at right angles to the last [illegible] a distance of 1,500 feet, thence [illegible] direction [illegible] said Section 30 a distance of 1,500 feet to [illegible] of beginning.

[illegible] VILATIE HYDE #3 MINING CLAIM, which claim starts at a point [illegible] South line of Section 30, Township 13 North, Range 9 West, [illegible] 3,600 feet East of the Southwest corner of said Section 30 [illegible] runs thence at right angles to said South line of Section 30 a [illegible] of 1,500 feet in a Northerly direction, thence in an East- [illegible] direction at right angles to the last course a distance of 600 [illegible] thence in a Southerly direction at right angles to the last [illegible] a distance of 1,500 feet, thence [illegible] direction [illegible] said Section 30 a distance of 1,500 feet to [illegible] of beginning.

[illegible] together with all rights which Arthur W. Hyde may have by virtue of [illegible] terms of escrow agreement between Arthur W. Hyde and Vilatie W. [illegible] as Vendors and Frank O. Manol as Purchaser, copy of which was [illegible] recorded in Book 10 Miscellaneous at page 356 thereof, Records of [illegible] County, New Mexico.

WITNESS my hand and this 27 day of September, A.D. 51.

(SEAL) Arthur B. Hyde (SEAL)

(SEAL) (SEAL)

Docket No. 3190

Commodity Uranium

DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

STRATEGIC AND CRITICAL MINERALS EXPLORATION PROGRAM

TO: Chief, Finance Section, Budget and Finance Branch, Bureau of Mines

Please enter on the records of the Defense Minerals Exploration Administration under the Strategic and Critical Minerals Exploration Program, the following contract, or amendment to contract.

Contract No. Idm-E 672

Date of Amendment: July 9, 1954

Name and Address of Operator:

Richard Vopat, et al.
Scott City, Kansas

Amount of Government participation $9,905.75

Percent of Government participation 90 %

Region: III State: New Mexico

Note: Please release $572.31. Contract terminated.

(Name)

J. L. Chambers, Chief
Contract Administration and
Audit Division

(Title)

Date Delivered to Bureau of Mines, Washington. 2/27/56

54458

Docket No. 3190

Commodity Uranium

DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

Amendment

STRATEGIC AND CRITICAL MINERALS EXPLORATION PROGRAM

TO: Chief, Finance Section, Budget and Finance Branch, Bureau of Mines

Please enter on the records of the Defense Minerals Exploration Administration under the Strategic and Critical Minerals Exploration Program, the following contract, or amendment to contract.

Contract No. Idm-E 672

Date of ~~Contract or~~ Amendment: July 9, 1954

Name and Address of Operator:

Richard Vopat et. al
Scott City, Kansas

Amount of Government participation ____ $ 9,906.75

Percent of Government participation 90 %

Region: IV State: New Mexico

NOTE: This document establishes the obligation shown above and cancels previous obligation of $7,229.25

(Name)

J. L. Chambers,
Chief, Contract Administration and Audit Division

(Title)

Date Delivered to Bureau of Mines, Washington. 7/12/54

54458

Docket No. 3190

Commodity Uranium

DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

STRATEGIC AND CRITICAL MINERALS EXPLORATION PROGRAM

TO: Chief, Finance Section, Budget and Finance Branch, Bureau of Mines

Please enter on the records of the Defense Minerals Exploration Administration under the Strategic and Critical Minerals Exploration Program, the following contract, or amendment to contract.

Contract No. Idm-E 672

Date of Contract or Amendment: May 10, 1954

Name and Address of Operator:
Richard Vopat et al
dba Flat Top Mining Co.
601 Court Street
Scott City, Kansas

Amount of Government participation $7,229.25

Percent of Government participation 90 %

Region: IV State: New Mexico

(Name)

J. L. Chambers, Chief
Contract Adm. & Audit Division
(Title)

Date Delivered to Bureau of Mines, Washington.
5-11-54

54458

MF-200 (A)
(February 1952)

DOCKET NO. DMEA 3190

COMMODITY Uranium

Idm-E672

DEPT. OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 17 1954

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

EXPLORATION PROJECT CONTRACT[1]
(Short Form)

IT IS AGREED this 10th 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) perpetual 10% Royalty
Hazel I. Manol)

~~(b) That the Operator is a lessee, possessor and entitled to possession and the lessor's consent to lien is attached.~~

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 Foster
(Operator)
Ross M. Young
Robert P. McNeely
Fred F. Hetine

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 Todilto 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 Todilto 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

Defense Minerals Administration
RECEIVED
APR 22 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. Manol [Seal]
Vilatie W. Hyde [Seal]
J O Manol [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.

RELEVANT CONTRACT PROVISIONS

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 amount.

(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.)

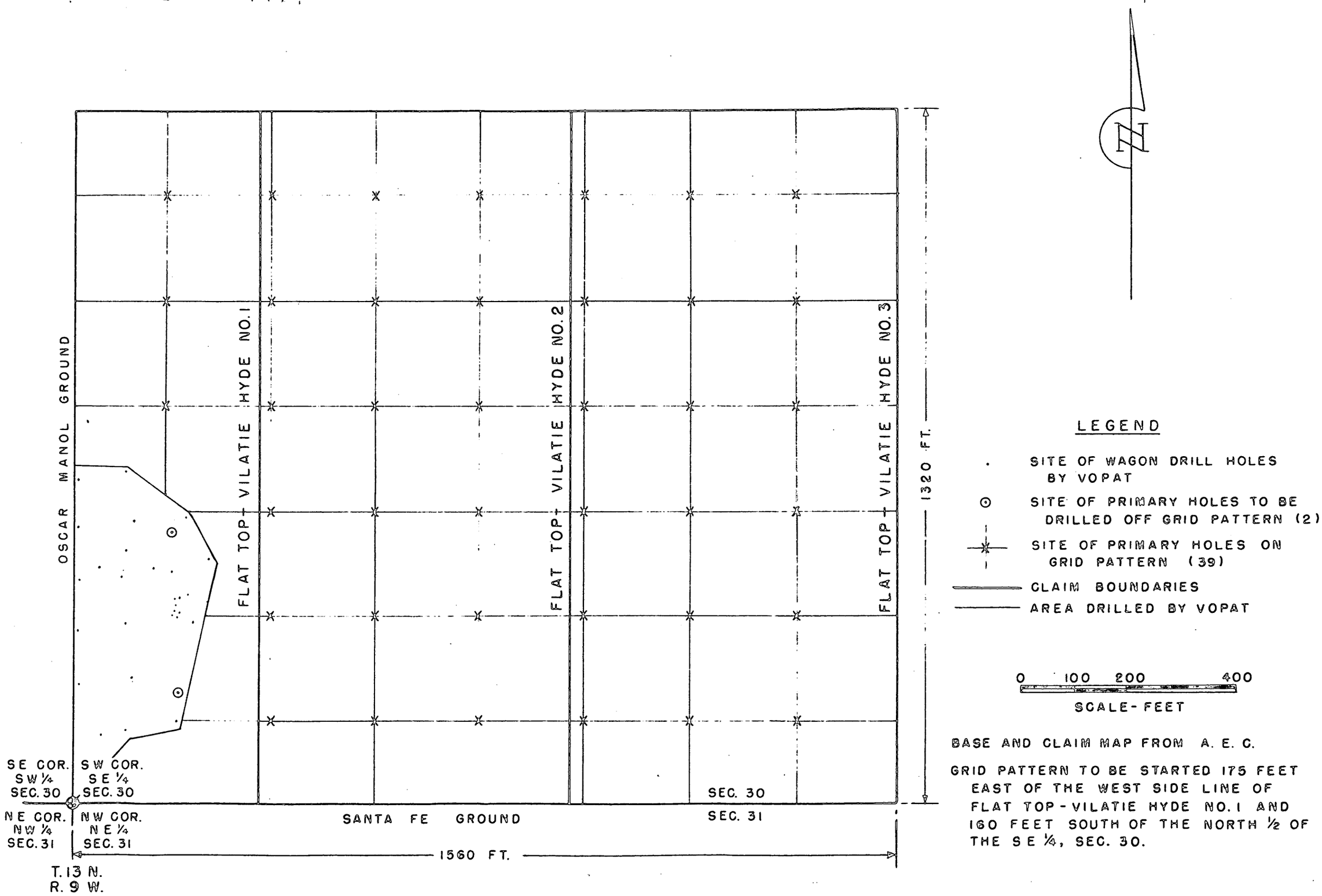
c. Definitions.--As here used, "net smelter returns", "net concentrator returns", and "other net amounts realized from the sale or other disposition", mean gross revenue from sales; or if not sold, the market value of the material after it is mined in the form in which and the place where it is held. 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



DMEA 3190 (URANIUM)

FIGURE 2. - PROPOSED DRILLING ON FLAT TOP - VILATIE HYDE CLAIMS
McKINLEY COUNTY, NEW MEXICO

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-8672, 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-8672.

DATED this 18th day of May, 1954.

Avis M. Young

R. H. Spencer

Fred W. Heine

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.

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.

(SEAL) F O Coker
Notary Public

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. MEINE, 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.

(SEAL) Charley A. Heinze
Notary Public

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 H. 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.

(SEAL) Nadine Bullerfield
Notary Public

My commission expires, Feb. 26. 1955

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.

/s/ 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

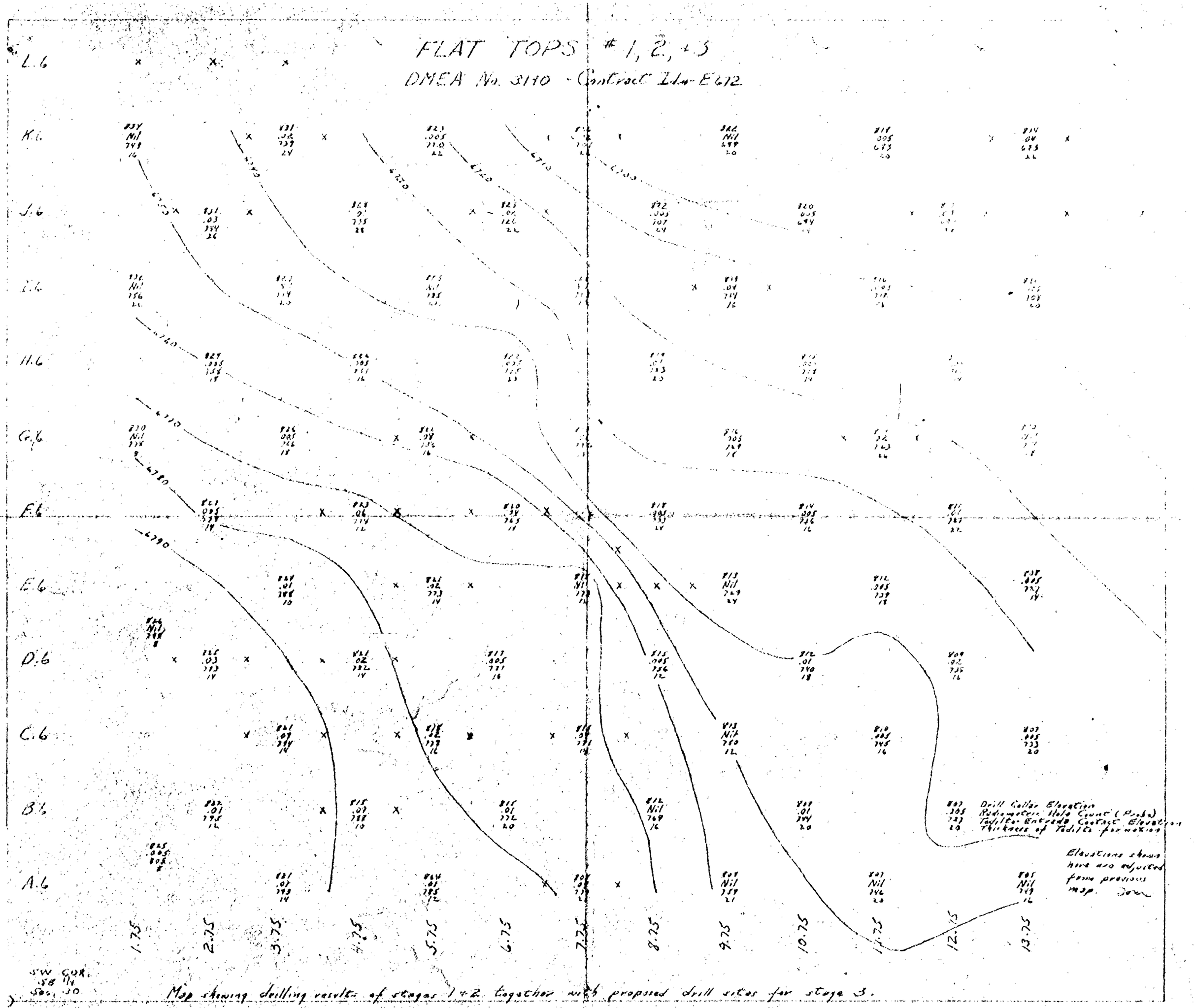
Subject: Docket DMEA 3190 (Uranium), Contract Idm-E672, Richard Vopat, Avis M. Young, R. H. Spencer, Fred M. Heine, Robert B. McNeely, dba Flattop Mining Company, McKinley County, New Mexico

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

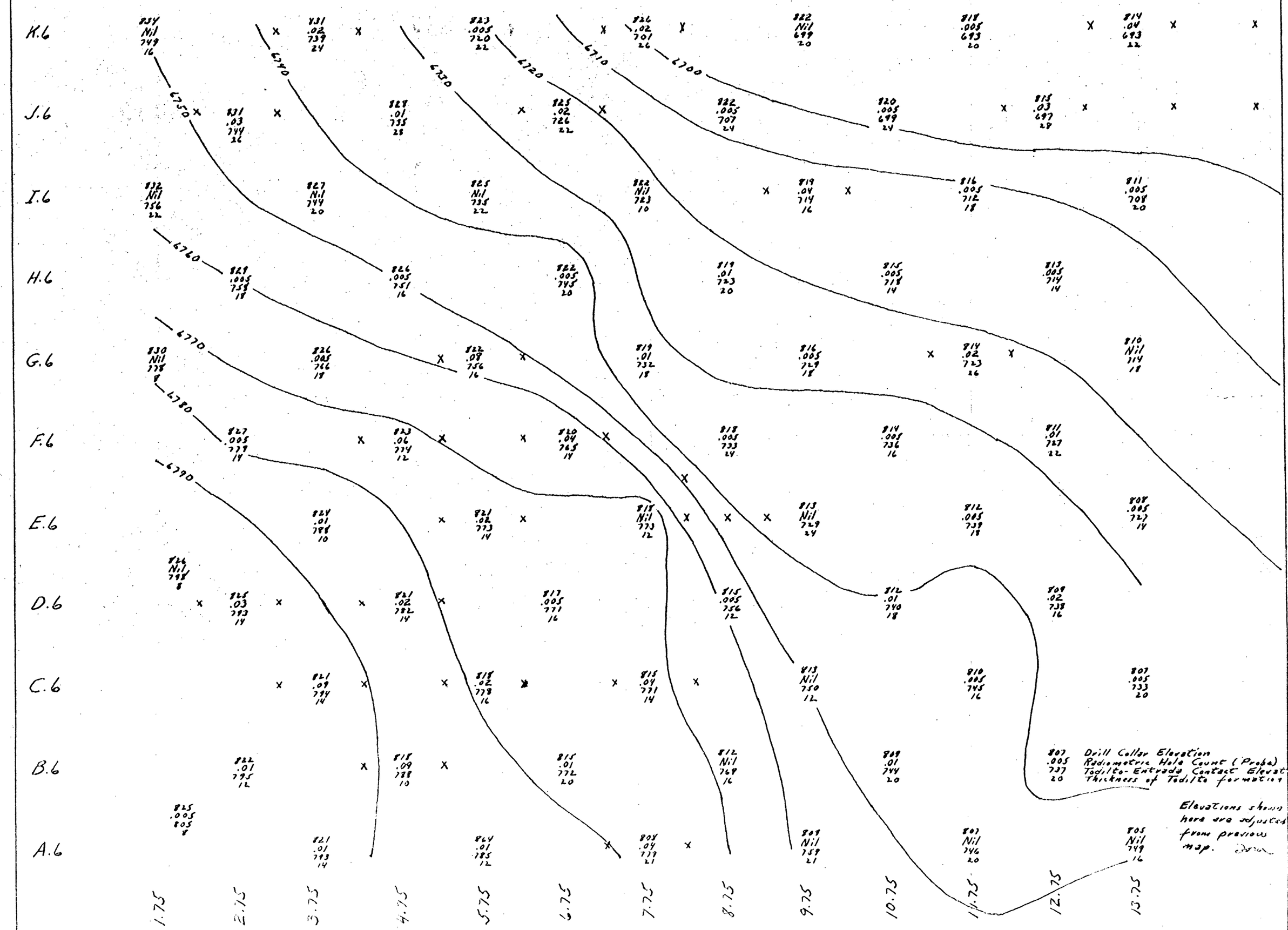
Enclosures



Map showing drilling results of stages 1 + 2 together with proposed drill sites for stage 3.

FLAT TOPS #1, 2, & 3

DMEA No. 3190 -- Contract Idm-E672

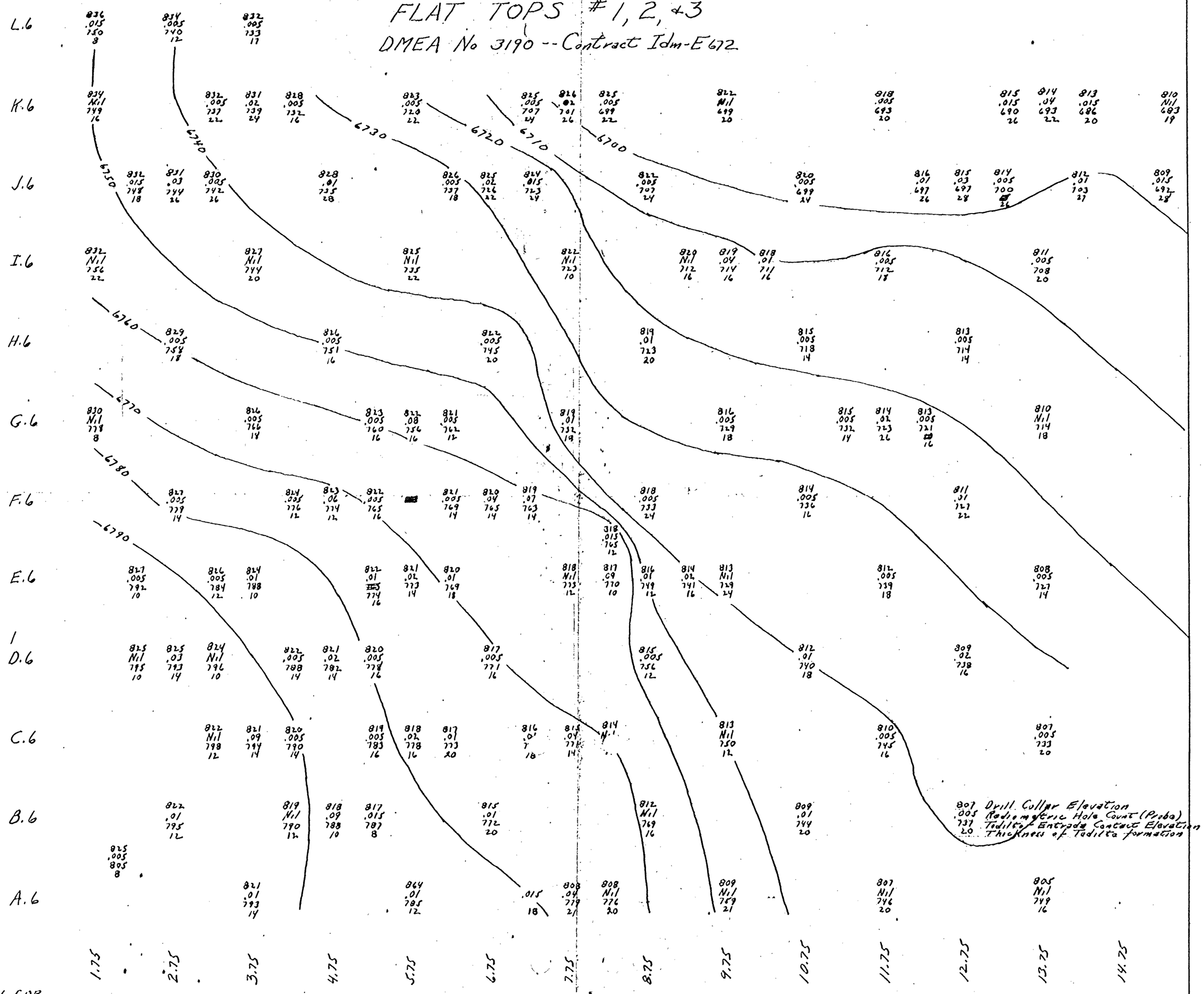


SW COR.
SE 1/4
Sec. 30

Map showing drilling results of stages 1 + 2 together with proposed drill sites for stage 3.

FLAT TOPS #1, 2, & 3

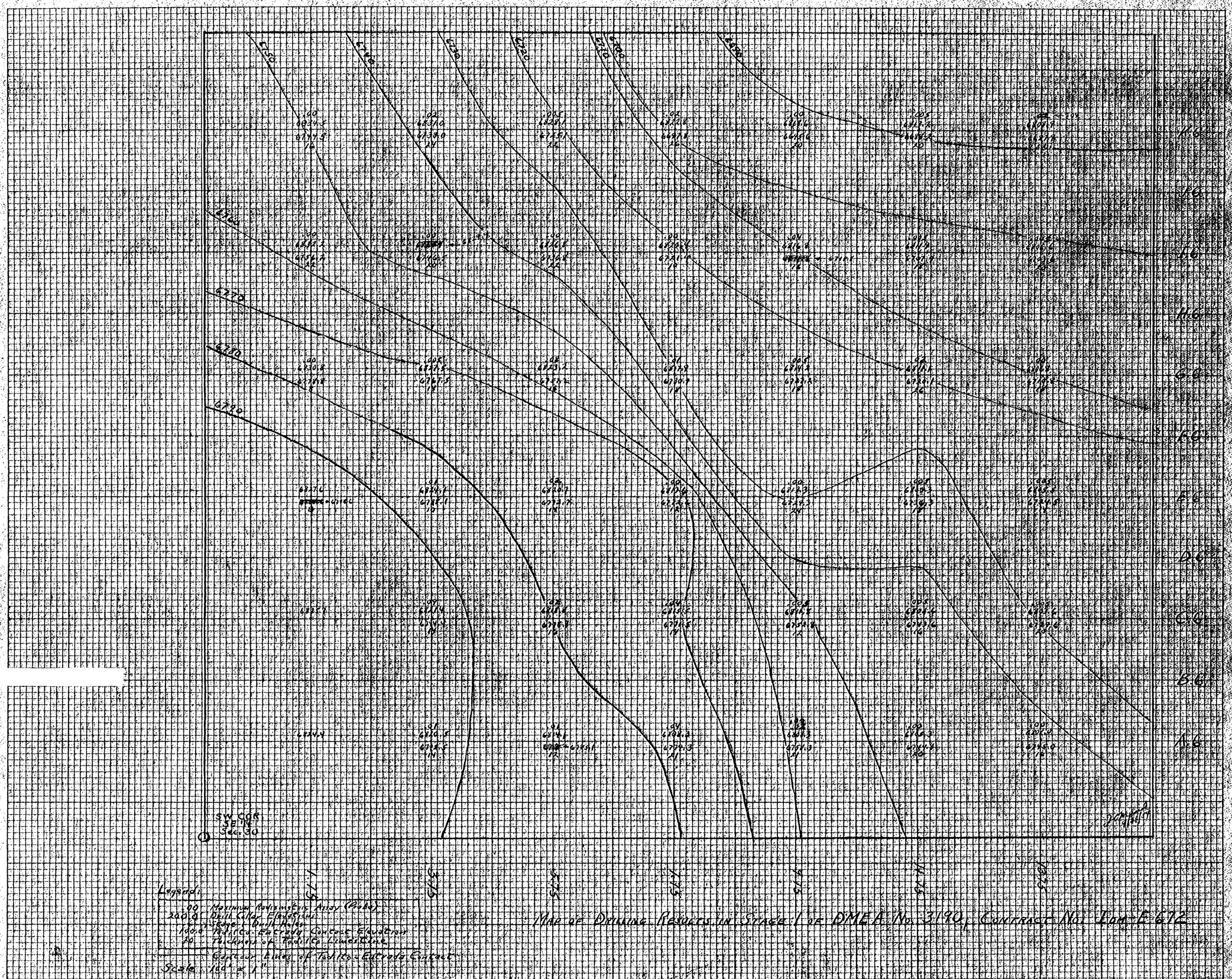
DMEA No 3190 -- Contract Idm-E 672



SW COR.
SE 1/4
Sec. 30

Map showing complete drilling results of subject contract

Scale 1" = 100'



PREFERRED CROSS SECTION
10×10 TO ONE INCH
No. 503

THE FREDERICK POST CO. CHICAGO