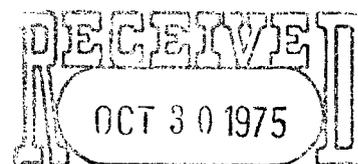


HENRY ENGINEERING  
*Petroleum Engineers*  
 807 FIRST NATIONAL BANK BUILDING  
 MIDLAND, TEXAS 79701

September 22, 1975



OIL CONSERVATION COMM.

Santa Fe

Mr. Dan Nutter  
 New Mexico Oil Conservation Commission  
 P. O. Box 871  
 Santa Fe, New Mexico 87501

*NSL - 932 729*

*Rule 5 R-2441*

*Done upon receipt of approval  
 from Artesia office*

Re: Unorthodox Location  
 David Fasken  
 Mobil "10" Federal No. 1  
 Indian Basin (Morrow) Field  
 Sec. 10, T-21-S, R-24-E,  
 NMPM, Eddy Co., New Mexico

Gentlemen:

On behalf of our client, David Fasken, we hereby request your approval of an unorthodox location pursuant to Rule 5 of Rules and Regulations adopted for the Indian Basin Morrow Gas Pool in Order No. R-2441-A. We propose to drill the David Fasken No. 1 Mobil "10" Federal, 380' FSL and 1182' FWL, sec. 10, T-21-S, R-24-E, NMPM, Eddy County, New Mexico.

This Section 10 is located on a topographic feature known as the Seven Rivers Hills, and it is in very rough terrain with high or steep relief (see USGS Topographic Map, Bandana Point Quadrangle). The subject surveyed location is the nearest suitable drill site to a regular location that can be found.

David Fasken holds or operates on the offsetting leases.

Your approval of this application will be greatly appreciated.

Yours very truly,

HENRY ENGINEERING

*Robert H. Angevine*  
 Robert H. Angevine *R.H.*

RHA:bi

cc: NMOCC - Artesia  
 James B. Henry  
 Richard S. Brooks

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

RECEIVED  
OCT 30 1975  
(Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO. 0122909  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL  DEEPEN  OIL CONSERVATION COMPLETION  PLUG BACK

b. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER  SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
David Fasken

3. ADDRESS OF OPERATOR  
608 First National Bank Building, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface 380' FSL & 1182' FWL  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
12 miles southwest of Lakewood

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 380'

16. NO. OF ACRES IN LEASE 640

17. NO. OF ACRES ASSIGNED TO THIS WELL 640

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. -

19. PROPOSED DEPTH 10,400

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
~~4031.9' GR~~ 4032' GR

22. APPROX. DATE WORK WILL START\* 10-15-75

12. COUNTY OR PARISH Eddy

13. STATE New Mexico

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME Mobil "10" Federal

9. WELL NO. 1

10. FIELD AND POOL, OR WILDCAT Indian Basin (Morrow)

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 10, T-21-S, R-24-E

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48#	300'	350 SXS.
12-1/4"	8-5/8"	24# & 32#	3000'	1100 SXS.
7-7/8"	4-1/2"	11.60#	10,400'	450 SXS.

(See Attachment)

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

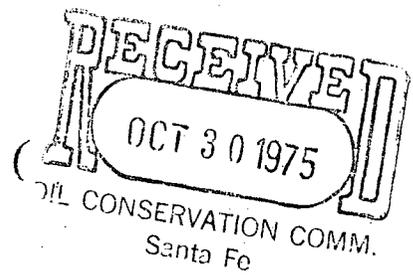
24. Robert H. Angevine  
 SIGNATURE *Robert H. Angevine* TITLE Agent DATE 9-19-75

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:



RECOMMENDED DRILLING & COMPLETION PROCEDURE

A.F.E. NO. 309

David Fasken ----- MOBIL "10" FEDERAL NO. 1 ----- Eddy County, N.M.

1. Drill 17-1/2" hole to 300'.
2. Set 13-3/8" casing at 300', cement to surface and install 12" x 3000 PSI W.P. casinghead.
3. Drill 12-1/4" hole with water to 3000', control seepage with paper. Dry drill if complete loss of returns is experienced.
4. Load hole with 34 sec. viscosity mud at 3000', if hole is showing seepage.
5. Set and cement 8-5/8" casing at 3000' with sufficient cement to circulate. (Estimate 900 sxs. "Halliburton-Lite," 1/2# flocele, slurry wt. 12.8#/gal. + 200 sxs. Incor Neat with 2% CaCl, slurry wt. 14.8#/gal.). W.O.C. 24 hrs. Install 12" - 3000 PSI W.P. X 10" - 3000 PSI W.P. spool with secondary seal and bit guide, choke manifold, B.O.P., and Hydril.
6. Test casing, casing spool, B.O.P., and choke manifold to 3000 psig with Yellow Jacket. Install P.V.T. equipment and flow sensor.
7. Drill 7-7/8" hole to a total depth of 10,400' using water to drill to 6500', use 5% KCl brine to 9700', mud up with polymer starch mud with 8.7#/gal., 45 sec. viscosity, 10 cc water loss. At 9700' Increase viscosity as necessary to maintain hole to total depth.
8. Drill stem test all shows.
9. Run logs (Combination CNL-FDC w/Gamma Ray, DLL, and Dip Meter).
10. Set and cement 4-1/2" oil string (resin coated and centralized through pay zone) with 450 sxs. Class "H" cement with 5.4# KCl and 0.8% Halad-22. Pump plug down with 5% KCl packer fluid. Run temperature survey to locate cement top.

MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

RECEIVED  
OCT 30 1975

Form C-102  
Supersedes C-128  
Effective 1-4-65

All distances must be from the outer boundaries of the Section.

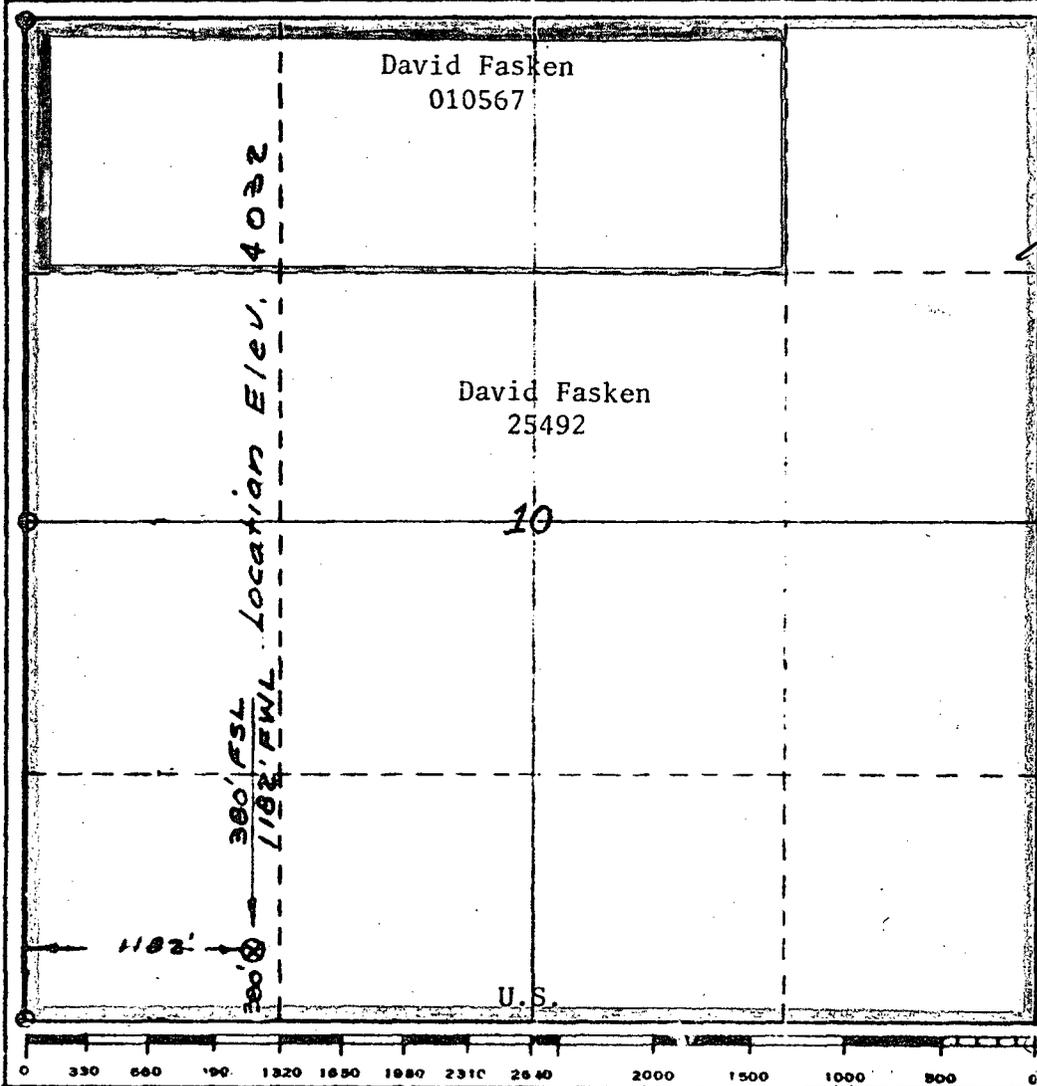
Operator <b>DAVID FASKEN</b>		Lease <b>Mobil "10" Federal</b>		Well No. <b>1</b>	
Unit Letter <b>M</b>	Section <b>10</b>	Township <b>21 South</b>	Range <b>24 East</b>	County <b>Santa Fe</b> <b>Eddy</b>	
Actual Footage Location of Well: 380 feet from the <b>South</b> line and 1182 feet from the <b>West</b> line					
Ground Level Elev. <b>4032'</b>	Producing Formation <b>Morrow</b>	Pool <b>Indian Basin</b>	Dedicated Acreage <b>640</b> Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes  No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



**CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*Robert H. Angevine*  
Name  
Robert H. Angevine  
Position  
Agent  
Company  
David Fasken  
Date  
September 19, 1975

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
**MAY 15, 16 & 21, 1975**  
Registered Professional Engineer  
and/or Land Surveyor  
*Robert W. Shear*  
Certificate No. **1559**

NEW MEXICO  
(EDDY COUNTY)

**BANDANNA POINT QUADRANGLE**  
**15-MINUTE SERIES**

**UNITED STATES**  
**DEPARTMENT OF THE INTERIOR**  
**GEOLOGICAL SURVEY**

547000m.E

R. 24 E.

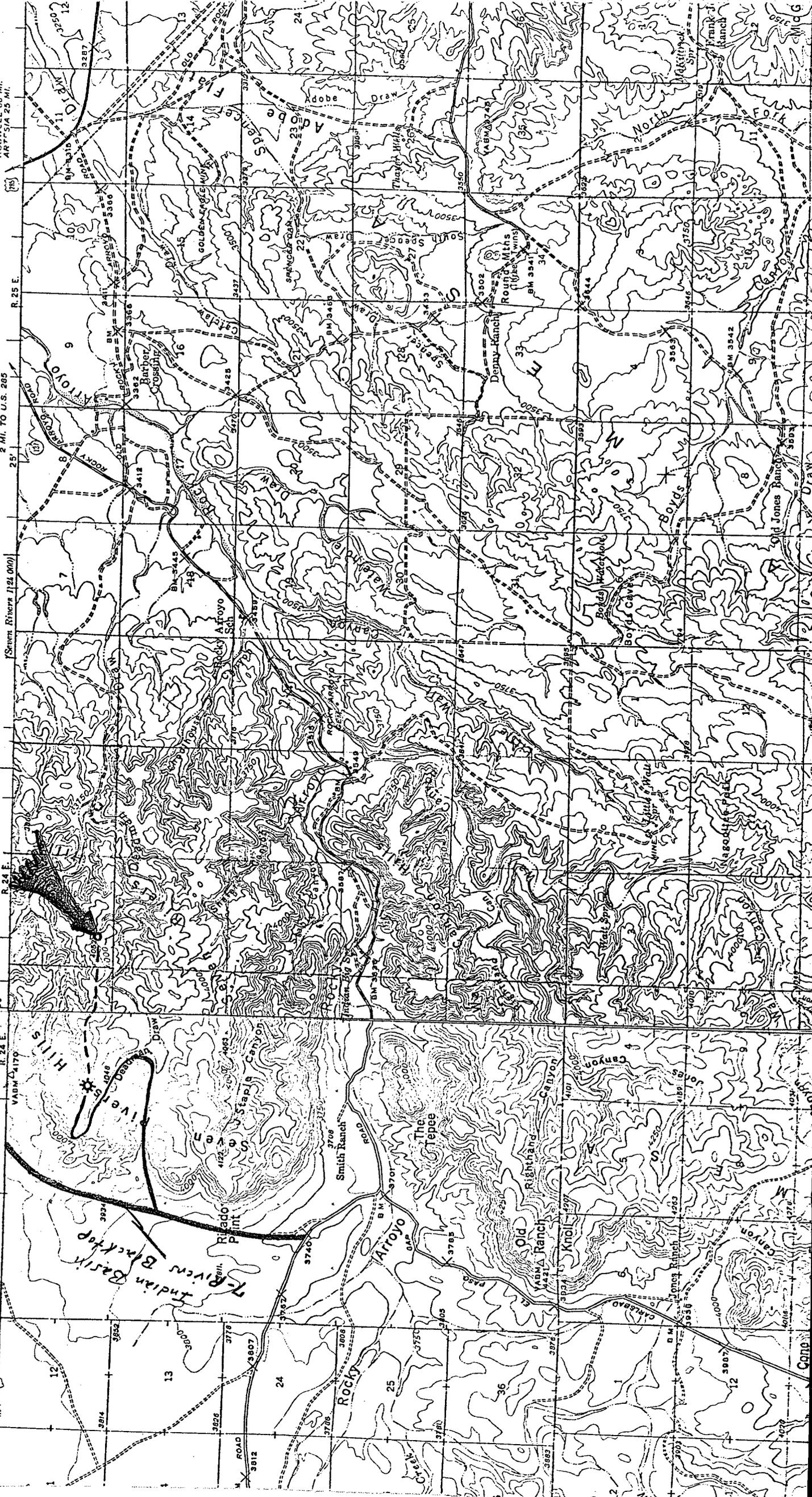
R. 24 E.

R. 24 E.

2 MI. TO U.S. 285

R. 25 E.

ROSWELL 68 MI.  
ARTSIA 25 MI.

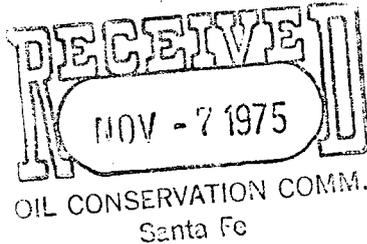


OIL CONSERVATION COMMISSION  
Artesia DISTRICT #2

OIL CONSERVATION COMMISSION  
BOX 2088  
SANTA FE, NEW MEXICO

DATE 10-20-75

RE: Proposed MC \_\_\_\_\_  
Proposed DHC \_\_\_\_\_  
Proposed NSL X \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed PMX \_\_\_\_\_



Gentlemen:

I have examined the application dated 9-22-75

for the David Fasken Mobil 10 Federal #1 M 10-21-24  
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Due to the extreme topography and configuration of the surface in  
this mountain area, this is the best place to drill above said  
location. After consulting with Mr. Robert Angenvine with Fasken,  
the USGS, BLM and the Dirt and drilling contractor we all agree.

Yours very truly,

*Alan Morris*