

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

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

2. NAME OF OPERATOR  
Union Texas Petroleum Corporation

3. ADDRESS OF OPERATOR  
P. O. Box 808, Farmington, New Mexico 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  
At surface 1750 ft./South line and 1810 ft./West line  
At proposed prod. zone Same as above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
21 miles Southeast of Bloomfield, New Mexico

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any) 1810 ft.  
830 ft.

16. NO. OF ACRES IN LEASE 2560.00

17. NO. OF ACRES ASSIGNED TO THIS WELL W 320.00

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

19. PROPOSED DEPTH 6770'

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR)  
6350' GR

22. APPROX. DATE WORK WILL START\*  
July 1, 1983

23. PROPOSED CASING AND CEMENTING PROGRAM  
This action is subject to administrative appeal pursuant to 30 CFR 290.

24. DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT         |
|--------------|----------------|-----------------|---------------|----------------------------|
| 13-3/4"      | 9-5/8"         | 36.0# K-55      | 300'          | 200 cu. ft. (circulated)   |
| 8-3/4"       | 7"             | 23.0# K-55      | 5485'         | 1100 cu. ft. (circulated)  |
| 6-1/4"       | 4-1/2"         | 10.5# K-55      | 5285 - 6770'  | 200 cu. ft. (top of liner) |

We desire to drill 13-3/4" surface hole to approx. 300 ft. using natural mud as a circulating medium. Run new 9-5/8" casing to TD. Cement with approx. 200 cu. ft. of Class "B" cement circulated to the surface. Pressure test the casing to approx. 800 PSIG for 10 minutes. Drill 8-3/4" hole to approx. 5485 ft. using a starch base, permaloid, nondispersed mud as the circulating medium. Log the well. Run new 7" casing to TD with a DV tool at approx. 2000 ft. Cement 1st stage with approx. 600 cu. ft. of 65/35/6 followed by approx. 100 cu. ft. of Class "B" cement. Cement the second stage with approx. 300 cu. ft. of 65/35/12 followed by approx. 100 cu. ft. of Class "B" cement. Circulate cement to surface. Drill out the DV tool. Pressure test the pipe to 1500 PSIG for 10 min. Drill out with 6-1/4" bit to approx. 6770 ft. using natural gas as the circulating medium. Log the well. Run new 4-1/2" casing to TD and cement with approx. 200 cu. ft. of 50/50 Poz mix. WOC. Perforate and fracture the Dakota zone. Clean the well up. Run new 2-3/8" EUE, 4.7#, J-55 tubing to the Dakota zone. Test the well and connect to a gathering system. The gas from this well has previously been dedicated to a transporter.

NOTE: Actual cement volumes to be calculated from caliper log.

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. SIGNED W. K. Cooper TITLE Field Operations Manager DATE March 17, 1983  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_

APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

RECEIVED

APR 18 1983

OIL CON. DIV.  
DIST. 3

NMOC

APPROVED  
AS AMENDEDDATE APR 15 1983JAMES F. SIMS  
DISTRICT ENGINEER

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

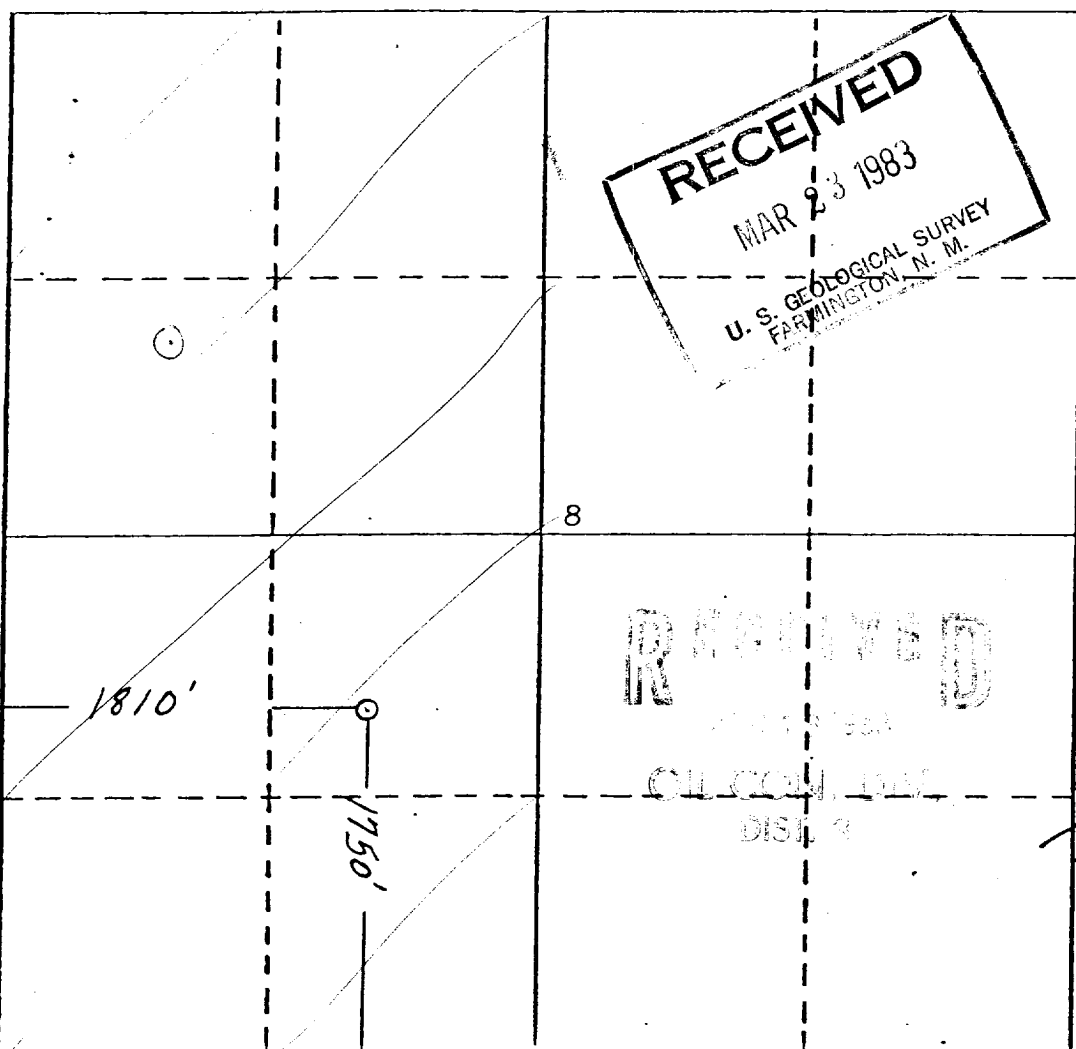
|  |                                      |                             |   |                           |                       |
|--|--------------------------------------|-----------------------------|---|---------------------------|-----------------------|
| Operator<br><b>UNION TEXAS PETROLEUM CORPORATION</b>   |                                      |                             | Lease<br><b>NEWSOM B</b>                                |                           | Well No.<br><b>7E</b> |
| Unit Letter<br><b>K</b>  | Section<br><b>8</b>                  | Township<br><b>26 NORTH</b> | Range<br><b>8 WEST</b>                                  | County<br><b>SAN JUAN</b> |                       |
| Actual Footage Location of Well:<br><b>1750</b> feet from the <b>SOUTH</b> line and <b>1810</b> feet from the <b>WEST</b> line |                                      |                             |   |                           |                       |
| Ground Level Elev.<br><b>6350</b>  | Producing Formation<br><b>Dakota</b> | Pool<br><b>Basin</b>        | Dedicated Acreage:<br><b>W<sub>2</sub> 320.00</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 Division



CERTIFICATION

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

Name Rudy D. Motto

Position Area Operations Manager

Company Union Texas Petroleum Corp.

Date March 21, 1983

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 October 29, 1982

Registered Professional Engineer and/or Land Surveyor

Michael Daly

Certificate No. 5992

