

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 Oil - Gas SINGLE ZONE ☐ MULTIPLE ZONE ☒

2. NAME OF OPERATOR  
Union Texas Petroleum Corporation

3. ADDRESS OF OPERATOR  
P.O. Box 1290, Farmington, New Mexico 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements\*)  
At surface 1663' FSL; 1850' FWL  
At proposed prod. zone Same as above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE  
3 miles North of Cedar Hill, New Mexico

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)  
977'  
977'

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
147'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
6265 (Ungraded)

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
13-3/4	New 10-3/4" H40	32.75#	(±) 300'
8-3/4	New 7" K55	23.00	(±) 7810'

16. NO. OF ACRES IN LEASE  
1680

17. NO. OF ACRES ASSIGNED TO THIS WELL  
Dakota W/2 320.00  
Gallup NE SW/4 40.00

19. PROPOSED DEPTH  
7810

20. ROTARY OR CABLE TOOLS  
Rotary

22. APPROX. DATE WORK WILL START\*  
June 25, 1984

This action is subject to administrative appeal pursuant to 30 CFR 290.

295 Cu.ft. CL "B" Circulated  
1760 Cu.ft. Circulated (see below)

We desire to drill this well to the above described program. After the surface pipe is set, cmtd. and W.O.C the pipe will be pressure tested. Drill to T.D. using mud as the circulating medium. Log the well. Run 7" pipe to T.D. with a stage tool at approx. 3200'. Cmt the 1st stage with approx. 921 cu.ft. of 50/50 POZ with 4% gel and 3668# of Gilsonite then tail in with approx. 118cu.ft. of CL "B" to circulate cmt to the D.V. tool. Cmt the 2nd stage with approx. 603cu.ft. of 65/35 POZ with 12% gel and 2,572# of Gilsonite. Tail in with approx. 118 cu.ft. of CL "B" cmt with 2% CaCl<sub>2</sub> W.O.C. Drill out the D.V. tool. Test the csg. Perf. and frac. the Dakota zone. Set a bridge plug above the Dakota zone. Perf. and frac. the Gallup zone and clean the zone up. Remove the bridge plug. Clean up the Dakota zone. Run 2-3/8" tbg. with a production packer to be landed and set above the Dakota zone. Run a 2nd string of 2-3/8" J55 tbg. and land in the Gallup zone. Nipple down the wellhead. Test the production packer for leakage. Test the Gallup zone. Test the Dakota zone. Connect the wells to a gathering system.

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 Rudy D. Motto TITLE Area Operation Manager  
(This space for Federal or State office use)

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

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

RECEIVED  
APR 27 1984  
OIL CON. DIV.  
DIST. 3

APR 16 1984  
APPROVED  
AS AMENDED  
APR 25 1984  
AREA MANAGER  
FARMINGTON RESOURCE AREA