

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

3. ADDRESS OF OPERATOR  
375 U.S. Highway 64, Farmington New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface 1450' FSL & 900' FEL  
At proposed prod. zone  
Same as above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE  
10 miles NW of Archuleta, New Mexico

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.  
(Also to nearest drig. unit line, if any)  
1450' from lease  
900' from DU

19. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
156'

21. ELEVATIONS (Show whether DF, RT, or H)  
6468' G.L. (graded)

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12-1/4"	9-5/8"	32.3#	350'
8-3/4"	7"	23.0#	3095'
6-1/4"			open hole to 3320'

Union Texas Petroleum wishes to advise we intend to drill 12-1/4" hole with mud to 350+ and set 9-5/8" 32.3#, H-40, ST&C csg. to 350'+, cementing to surface with 205 sxs (242 cu.ft.) C1 "B" with 2% CaCl2 and 1/4# flocele/sk. Wait on cement for 12 hrs.

Nipple up, test BOP. Drill 8-3/4" hole with mud out of surface to 3095'. Set 7", 23.0#, K-55, ST&C intermediate csg. to 3095', cementing to surface with 215 sxs (617 cu.ft.) 65-35 POZ with 12% gel and 12-1/4# gilsonite/sk, tailed by 100 sxs (118 cu.ft) C1 "B" with 2% CaCl2.

Drill 6-1/4" hole with air out of intermediate to a TD of 3320'. Log well. This well is to be completed open hole. If an open hole completion is not possible, we intend to run a slotted 4-1/2", 10.5#, K-55 ST&C liner from 2970'-3245'. If a liner is used, we will not cement it in place.

Following completion of the Fruitland, standard production equipment will be installed. We request permission to test this well into the reserve pit for a period of at least 90 days. Pipeline connection will be made by Southern Union Gathering.

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 Robert C. Frank TITLE Permit Coordinator DATE May 1, 1987

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE OCT 01 1987

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

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side



PUMP

900  
Bull  
Spring

Quinn #10  
1450 F/SL & 900 F/EL  
Sec. 19 T31N R8W  
Elev. 6468

Quintana  
Spring

PUMP

Exhibit II