

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
 R. J. Zonne

3. ADDRESS OF OPERATOR
 1306 Gihls Tower West, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
 1980' FS & EL, Section 17 (Unit J), T-22-S, R-32-E, NMPM
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 ± 38 Miles West & North of Jal

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)
 1980'

16. NO. OF ACRES IN LEASE
 480

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.
 None

19. PROPOSED DEPTH
 ± 15,000'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 3680.9' GRD

22. APPROX. DATE WORK WILL START*
 7-29-74

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
22"	16"	64#	± 600'	Circ. to surface
12 1/2"	10 3/4"	40.5 & 45.5#	± 4700'	As Required CIRCULATE
9 1/2"	7 5/8" L	26.4 to 33.7#	± 12900'	As Required
6 1/2"	5" L	18.0#	± 15000'	As Required

Plan to drill 22" hole using native mud and set 16" surface casing @ ± 600', circ. cement to surface. Using controlled brine w/additives as required, drilling 12 1/2" hole to ± 4,700' and run 10 3/4" casing. Cement as required for satisfactory fillup. Drill 9 1/2" hole w/water to ± 12,900' into Wolfcamp and set a 7 5/8" liner prior to penetrating the Strawn zone. Cement as required for satisfactory fillup. Drill 6 1/2" hole with water and increase weight as required to drill the Strawn, Atoka, Morrow sections. Run 5" Liner and circ. cement. Plan to drill and complete or abandon in accordance w/prudent practices or as required by governing regulatory body. Projected total depth ± 15,000'.

Plan to use double ram adequately rated BOP, Hydril, PVT, separator, adjustable choke and other mechanical equipment as required in anticipation of or as dictated by existing hole conditions.

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 Foy W. Boyd TITLE Agent DATE 7-22-74
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
 CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

5. LEASE DESIGNATION AND SERIAL NO.
 #! 0554776
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 7. UNIT AGREEMENT NAME
 8. FARM OR LEASE NAME
 Federal 17
 9. WELL NO.
 1
 10. FIELD AND POOL, OR WILDCAT
 Red Tank (Morrow)
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 17, T-22-S, R-32-E, NMPM
 12. COUNTY OR PARISH
 Lea
 13. STATE
 New Mexico