

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM-0555297
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Mewbourne Oil Company		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P.O.Box 7698, Tyler, Texas 75711		8. FARM OR LEASE NAME Cedar Lake Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1980' FNL & 1980' FWL At proposed prod. zone Same		9. WELL NO. 2
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 10 Miles South From Maljamar		10. FIELD AND POOL, OR WILDCAT Querecho Plains - Upper Bone Springs
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1980'	16. NO. OF ACRES IN LEASE 80	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 23-18S-32E
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 500'	19. PROPOSED DEPTH 9500'	12. COUNTY OR PARISH Lea
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3777.1		13. STATE N.M.
22. APPROX. DATE WORK WILL START* Upon U.S.G.S. Approval		

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"	61#	450'	650 sxs - circulated
12-1/4"	8-5/8"	24# & 32#	4500'	1600 sxs - circulated
7-7/8"	5-1/2"	17#	9500'	800 sxs

Hydrill 900 Series Hydraulic Blowout Preventer.

Mud Program: Fresh water to 450'. Drill with brine water to 8500'.  
Salt mud from 8500' to TD. Flush with mud for logging.

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 Raymond Thompson TITLE Engr. Oprns. Sec. DATE 10/10/86  
(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

APPROVED BY TITLE DATE 11-7-86  
CONDITIONS OF APPROVAL, IF ANY:

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS

\*See Instructions On Reverse Side