

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL  *Re-entry* DEEPEN  \*\* PLUG BACK   
 b. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER  SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
 Mewbourne Oil Company

3. ADDRESS OF OPERATOR  
 P.O. Box 5270 Hobbs, New Mexico 88241

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
 At surface 2310' FSL & 990' FEL  
 At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 10 miles South from Maljamar

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 990'

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1040'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 3783.5' GR

5. LEASE DESIGNATION AND SERIAL NO.  
 NM-0554244  
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 7. UNIT AGREEMENT NAME  
 8. FARM OR LEASE NAME  
 Federal "L" \*\*  
 9. WELL NO.  
 7  
 10. FIELD AND POOL, OR WILDCAT  
 Querecho Plains  
 Upper Bone Spring  
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 23-185-32E  
 12. COUNTY OR PARISH  
 Lea  
 13. STATE  
 N.M.

16. NO. OF ACRES IN LEASE 320

17. NO. OF ACRES ASSIGNED TO THIS WELL 40

19. PROPOSED DEPTH 9500'

20. ROTARY OR CABLE TOOLS  
 Rotary

22. APPROX. DATE WORK WILL START\*  
 Upon U.S.G.S. approval

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8"	24# Existing	356'	250 sxs - circulated
7-7/8"	5-1/2"	17#	9,500'	2000 sxs - <u>Tie back into existing surface casing.</u>

Hydril 900 Series - Hydraulic Blowout Preventer

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

\*\*Formerly operated by John H. Hill, the Edith Federal #1 was P&A 01/12/75. Mewbourne Oil Company plans to re-enter and deepen to test the Upper Bone Springs formation.

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.H. Cravey TITLE Dist. Supt. DATE 02/29/88

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE 4-5-88

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side