

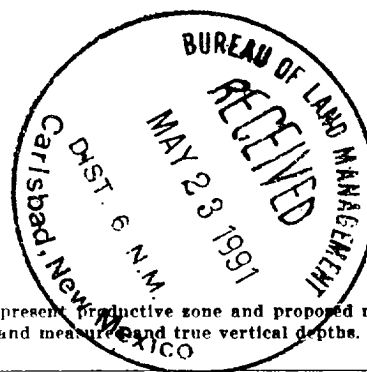
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. NM-81606	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" 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 5270 Hobbs, New Mexico 88241			8. FARM OR LEASE NAME Federal "Q"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 660' FWL & 990' FSL At proposed prod. zone Same			9. WELL NO. 1	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 7 miles North of Carlsbad, New Mexico			10. FIELD AND POOL, OR WILDCAT Avalon Morrow	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 660'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 28-T20S-R27E	
16. NO. OF ACRES IN LEASE 320			12. COUNTY OR PARISH Eddy	
17. NO. OF ACRES ASSIGNED TO THIS WELL 320			13. STATE N.M.	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.			19. PROPOSED DEPTH 10,550' PBTB	
20. ROTARY OR CABLE TOOLS Workover			21. APPROX. DATE WORK WILL START* Immediately	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3218.1' GR				

PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

Abandon Morrow zone (Perf's 10,656-10,668', 10,642'-10,646') due to depletion of zone. Set CIBP @ \pm 10,550' w/50' of cement. Perforate Atoka zone from 9976'-9986'. Verbal approval from Adam Salamek on 05/16/91.



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. For: W.H. Cravey
SIGNED W.H. Cravey TITLE District Supt. DATE 05/17/91

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE 5/31/91

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side