

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  
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  
At proposed prod. zone  
660' FWL & 990' FSL  
Same

5. LEASE DESIGNATION AND SERIAL NO.  
NM-81606

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Federal "Q"

9. WELL NO.  
1

10. FIELD AND POOL, OR WILDCAT  
Avalon Morrow

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
28-T20S-R27E

12. COUNTY OR PARISH  
Eddy

13. STATE  
N.M.

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
7 miles north of Carlsbad, New Mexico

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)  
660'

16. NO. OF ACRES IN LEASE  
320

17. NO. OF ACRES ASSIGNED TO THIS WELL  
320

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

19. PROPOSED DEPTH  
11,000'

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
3218.1' GR

22. APPROX. DATE WORK WILL START\*  
Upon BLM 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"	48#	500'+	500 sks. Class "C" Circulated
12-1/4"	8-5/8"	24# & 32#	2350'+	1000 sks. Class "C" Tie back into surface casing
7-7/8"	5-1/2"	17# & 20#	11000'+	800 sks. Class "H"

Mud Program:

0' - 500' Spud mud w/fresh water gel & lime. LCM as needed.

500' - 2350' Fresh water mud w/gel & lime. LCM as needed.

2350' - 10000' Cut brine w/salt gel & lime. Wt. 9.0#-9.5#. WL-NC.

10000' - 11000' Cut brine w/Drispac, salt gel & lime. Wt. 9.0#-9.5#. WL 0-5 cc. Vis. 32-40.

BOP Program:

BOP w/Hydril on 13-3/8" surface casing and tested. Pipe rams worked daily, blind rams on trips. Yellow jacket prior to drilling Wolfcamp.

Gas, not dedicated.

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. Cray TITLE District Supt. DATE 10/09/89

(This space for Federal or State office use)

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

APPROVED BY \_\_\_\_\_ AREA MANAGER \_\_\_\_\_ DATE 11-7-89

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side