

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

RECEIVED

3. ADDRESS OF OPERATOR

P.O. Box 5270 Hobbs, New Mexico 88241

APR - 4 1991

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

2160' FEL & 510' FSL

O. L. D.
ARTIFICIAL

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

10 miles North of Carlsbad, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

2160'

16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

6,300'

20. ROTARY OR CABLE TOOLS

Rotary

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

3295' GL

22. APPROX. DATE WORK WILL START*

Upon BLM approval

23.

PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--|
| 12 1/4" | 8-5/8" | 24# | 400'± | 300 sx. Class "C" Circulated |
| 7-7/8" | 5-1/2" | 17# | 6,300'± | 800 sx. Class "H" Tie back into surface casing. |

Mud Program

SJS

0' - 400' Spud mud w/fresh water, gel and lime. LCM as needed.
400' - 5700' Brine water w/lime and LCM as needed. Wt. 10.0-10.2.
5700' - 6300' Brine water w/starch, soda ash, caustic, salt gel and LCM as needed.
Wt. 10.0-10.2.

BOP Program

900 series BOP and hydril on 8-5/8" surface casing.

Gas is not dedicated. APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

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. Crum

TITLE District Supt.

DATE February 28, 1991

(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