

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

30-214-22835
U. LEASE DESIGNATION AND SERIAL NO.

NM-13409

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Lake Shore Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

East Lake Morrow

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 20-T19S-R27E

12. COUNTY OR PARISH 13. STATE

Eddy

N.M.

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

990' FNL & 990' FEL

At proposed prod. zone

Same

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

14 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)

16. NO. OF ACRES IN LEASE

120

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

±10,300'

20. ROTARY OR CABLE TOOLS

Rotary

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

3392.0' GR

22. APPROX. DATE WORK WILL START*

Upon BLM approval

23.

PROPOSED CASING AND CEMENTING PROGRAM

Roswell Controlled Water Basin

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13-3/8"	61#	± 300'	300 sks. Class "C" circ.
12 1/4"	8-5/8"	24 & 32#	± 2200'	900 sks. Class "C" Tie back into surface casing.
7-7/8"	5-1/2"	17 & 20#	± 10300'	800 sks. Class "H"- SEE STIPS.

Mud Program:

0' - 300' Spud mud with fresh water gel and lime. LCM as needed
300' - 2,200' Fresh water gel and lime. LCM as needed.
2200' - 8,600' Cut brine w/lime for pH control. Wt. 9.2-9.6. LCM as needed.
8600' -10,300' Cut brine with drispac, salt gel, soda ash, caustic soda and
starch. Wt. 9.2-9.6.

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS

ATTACHED

Post ID-1
9-13-91
New MAC &
API

BOP Program:

900 Series BOP and Hydril on 13-3/8" and 8-5/8" casing

Gas is 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 Cravey

TITLE District Supt.

DATE August 16, 1991

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

NONE ORTH. LOC. MUST BE APPROVED BY THE NMOC.D.

*See Instructions On Reverse Side