

Drilling

Artesia, NEW MEXICO UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

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

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 & 467' FSL

Same

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

6.5 miles West of Carlsbad, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

467'

18. DISTANCE FROM PROPOSED LOCATION*

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

16. NO. OF ACRES IN LEASE

320

19. PROPOSED DEPTH

11,500'

17. NO. OF ACRES ASSIGNED TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary

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

3595.4' GL

22. APPROX. DATE WORK WILL START*

Upon 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"	54.5#	450'+	450 sks. Class "C" <u>circulated</u>
12-1/4"	9-5/8"	36#	2600'+	1000 sks. Class "C" <u>circulated</u>
8-3/4"	4-1/2"	11.6# & 13.5#	11500'+	800 sks. Class "H"

Mud Program:

0' - 450' Spud mud w/fresh water gel & lime. LCM as needed.

Fresh Water Mud

450' - 2,600' ~~Cut brine w/salt gel & lime.~~ LCM as needed. Wt. 9.0# to 9.5# WL - NC

2600' - 9,500' Cut brine w/salt gel & lime. Wt. 9.0# to 9.5# WL - NC

9500' - 11,500' Cut brine w/Driscap, salt gel and lime. Wt. 9.0# - 9.5# WL - o to 5 cc Vis. 32-40

BOP Program: BOP and hydril on the 13-3/8" surface csg. and tested. Pipe rams worked daily, blind rams on trip. Yellow jacket prior to drilling Canyon.

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

TITLE District Supt.

DATE June 15, 1988

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL IF ANY:

5. LEASE DESIGNATION AND SERIAL NO.

NM 71752

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal "N"

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Happy Valley Morrow

11. SEC. T., R., M., OR B.LK. AND SURVEY OR AREA

6-T22S-R26E

12. COUNTY OR PARISH 13. STATE

Eddy

N.M.

RECEIVED

AUG 11 '88

O. C. D.
ARTESIA, OFFICE

POST ID #1
NL & API
8-19-88