

N.M. O.C.D. COPY
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other Irrev. Actions on file)Form approved.
Budget Bureau No. 42-R1425.

30-015-22987

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

AUG 20 1979

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Mesa Petroleum Co

O. C. C.

3. ADDRESS OF OPERATOR

ARTESIA, OFFICE

1000 Vaughn Building/Midland, Texas 79701

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

At surface

~~1980' FSL and 1980' FEL~~

At proposed prod. zone

Same

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

7-1/2 miles southeast of Artesia, New Mexico

15. DISTANCE FROM PROPOSED*

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

1980'

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.

N/A

19. PROPOSED DEPTH

9500'

20. ROTARY OR CABLE TOOLS

Rotary

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

3423.7' GR

22. APPROX. DATE WORK WILL START*

July 1, 1979

23.

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# | 300' | 350 sx |
| 11" | 8-5/8" | 24# | 1700' | 600 sx LW + 200 sx |
| 7-7/8" | 4-1/2" | 10.5 - 11.6# | 9800' | 600 sx or sufficient to cover all pay |

Propose to drill surface hole to 300' without BOP's. After cementing casing and installing bradenhead, will nipple up 12" API 3000 psi BOP's and drill intermediate hole to 1700'. Will set 8-5/8" casing and cement with volume adequate to raise cement to surface. Will nipple up 12" API 3000 psi BOP's and drill to total depth with cut brine. Maximum mud weight should not exceed 9.3 ppg based upon similar area wells.

Gas sales are 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 Steve Douglas TITLE Engineer DATE 5-24-79

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE 8-15-79APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

XC: JLF, JBH, JWH, JWJ, MEC, USGS, FILE, W.I.OWNERS