

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-21672

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

Mesa Petroleum Company

3. ADDRESS OF OPERATOR

904 Gihls Tower West, Midland, Texas 79701

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

At surface

1350' FNL & 1980' FWL of Section 18 NOV 3 1975

At proposed prod. zone

Same as above

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

18 miles SE of Carlsbad

O. C. C.
ARTESIA, OFFICE

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

1350

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

NA

16. NO. OF ACRES IN LEASE

5122.86

19. PROPOSED DEPTH

14,000

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320.37

20. ROTARY OR CABLE TOOLS

Rotary

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

3039 GR

22. APPROX. DATE WORK WILL START*

Upon Approval

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
20	16	65	300	425
14 3/4	10 3/4	45.5	3400	1200
9 1/2	7 5/8	26.4 - 33.7	11,100	2000
6 1/2	5	23.20	10,800 - 14,000	350

Amended application to drill - replaces application dated August 8, 1975:

Propose to drill with rotary tools to depth of 14,000'. BOP's will not be used to drill 20" hole to 300'. Thereafter, either 12" API 3000 psi or 10" API 5000 psi WP BOP's will be used as appropriate. Cement will be circulated on 16", 10 3/4", and 7 5/8" casing strings in order to comply with rule R-111-A. Attachments to original application to drill also apply to this revised application. The reason for change is because larger OD pipe is being run in each drilled interval. Setting depths will not change.

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 vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Michael P. Houston

TITLE Divison Engineer

DATE October 10, 1975

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY: