

INFORMATION COPY UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other in-structions on
reverse side)

Form approved.
Budget Bureau No. 42-R1402.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK
 DRILL ☒ DEEPEN ☐ PLUG BACK ☐

2. TYPE OF WELL
 OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☒

3. NAME OF OPERATOR
 Mesa Petroleum Co.

4. ADDRESS OF OPERATOR
 904 Gihls Tower West, Midland, Texas 79701

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface
 1350' FNL & 1980' FWL of Sec. 18

At proposed prod. zone
 same as above

6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 18 mi SE of Carlsbad

7. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)
 1350

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

9. ELEVATIONS (Show whether DF, RT, GR, etc.)
 3039 GR

10. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17½	13 3/8	48	300	350
12½	9 5/8	36	3400	1000
8 3/4	7	23-26	11100	1800
6	4½	13.5	14000	325

Propose to drill with rotary tools to depth of 14,000'. BOP's will not be used to drill 17½" hole to 300'. Thereafter, either 12" API 3000 psi and 10" API 5000 psi WP BOP's will be used as appropriate. Electric logs will be run at 11,100' and 14,000'. Cement will be circulated on 13 3/8", 9 5/8" and 7" casing strings in order to comply with rule R-111-A. See attachment for details.

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U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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 Michael P. Houston TITLE Division Engineer DATE August 8, 1975

(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