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SUBMIT IN T. ICATE*
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-011-20022

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 CO.

3. ADDRESS OF OPERATOR

1000 VAUGHN BUILDING/MIDLAND, TEXAS 79701

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

At surface

1980' FNL & 660' FWL

At proposed prod. zone

SAME

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

45 MILES NORTH/NORTHEAST OF ROSWELL

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

1980'

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

N/A

16. NO. OF ACRES IN LEASE

1245.28

19. PROPOSED DEPTH

5400'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

ROTARY

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

4227.7' GR

22. APPROX. DATE WORK WILL START*

APRIL 1, 1981

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#	800'	CIRCULATE TO SURFACE
11"	8 5/8"	24#	1600'	SUFFICIENT TO ISOLATE WATER O&G
7 7/8"	4 1/2"	10.5#	5400'	SUFFICIENT TO COVER ALL PAY

Propose to drill 17 1/2" surface hole to 800' or deeper on air to set 13 3/8" surface casing. Will cement to surface then reduce hole to 11" to drill to 1600'. Will set 8 5/8" casing if water zones have been encountered or omit if not. Will reduce hole to 7 7/8" and drill to total depth on air, foam, or mud as required. After log evaluation, 4 1/2" casing may be run and cemented with sufficient amounts and kinds to isolate and seal off any fresh water, oil, or gas zones encountered.

Gas Sales Are Not Dedicated.

XC: USGS (6), TLS, CEN RCDS, ACCTG, HOBBS OFFICE, MEC, LAND, PARTNERS, FILE

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

R. F. Mathis (CW)

TITLE

REGULATORY COORDINATOR

DATE FEBRUARY

(This space for Federal or State office use)

PERMIT NO.

APPROVED

APPROVAL DATE

(Sgd.) GEORGE H. SAWYER

APPROVED BY

TITLE

DATE

CONDIT.

MAR 23 1981

JAMES A. GILLHAM
DISTRICT SUPERVISOR

*See Instructions On Reverse Side