

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

Mesa Petroleum Co. ✓

JAN 20 1982

## 3. ADDRESS OF OPERATOR

1000 Vaughn Bldg. / Midland, Texas 79701-4493

O. C. D.

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

At surface

990' FSL &amp; 1650' FWL

SE 5W/4  
Unit 1/2

At proposed prod. zone

Same

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

45 miles north / northeast of Roswell, New Mexico

## 15. DISTANCE FROM PROPOSED\*

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

990'

## 16. NO. OF ACRES IN LEASE

2120.14

## 17. NO. OF ACRES ASSIGNED

TO THIS WELL

160

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

1700'

## 19. PROPOSED DEPTH

4300'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

3689' GR

## 22. APPROX. DATE WORK WILL START\*

January 28, 1982

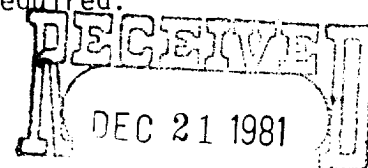
## 23.

## 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#	900'	Surface CIRCULATE
11 or 12-1/4"	8-5/8"	24#	1600'	Isolate water, oil and gas
7-7/8"	4-1/2"	10.5#	4300'	Cover all pay

Propose to drill 17-1/2" hole to approximately 900' to set 13-3/8" surface casing and cement to surface. Will reduce hole to 11" or 12-1/4" and drill to approximately 1600' to set 8-5/8" casing. Will nipple up RAM type BOPs, reduce hole to 7-7/8" and drill to total depth. Drilling medium will be air, foam, or mud as required.

Gas Sales are dedicated.

OIL & GAS  
U.S. GEOLOGICAL SURVEY  
ROSWELL, NEW MEXICO

XC: USGS(6), TLS, CEN RCDS, ACCTG, MEC, LAND, PARTNERS, FILE, REM, ROSWELL

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 REGULATORY COORDINATOR

DATE 12/18/81

(This space for Federal or State office use)

PERMIT NO.

APPROVED

(Orig. Sgd.) ROGER A. CHAPMAN

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

JAN 18 1982

FOR

JAMES A. GILLHAM  
DISTRICT SUPERVISORAPPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

TITLE

DATE

\*See Instructions On Reverse Side

Posted ID-1  
API + NL Book  
1-22-82

