

UNITED STATES  
DEPARTMENT OF THE INTERIOR

## GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*  
(Other Instructions on  
reverse side)Form approved.  
Budget Bureau No. 42-R1425.

30-015-25827

## 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

Marathon Oil Company

## 3. ADDRESS OF OPERATOR

P.O. Box 552, Midland, Texas 79702

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

At surface

560' FSL &amp; 1550' FWL

At proposed prod. zone

Same as above

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

23 miles Northwest of Carlsbad, New Mexico

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drilg. unit line, if any) 1550'

## 16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

640

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

2540'

## 19. PROPOSED DEPTH

9500'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

3752.7' GR

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

November 16, 1987

## 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	250'	300 sxs Circulate
11"	8 5/8"	24, 32	2,000'	900 sxs Circulate
7 7/8"	5 1/2"	15.5, 17	9,500'	1000 sxs to 5000'

Propose to drill no deeper than 9500'.

All casing will be cemented in accordance with regulations and by approved methods.  
Blow out preventers will be outlined in Additional Information (See Exhibits).

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

*Ray L. Lewis*

TITLE

Dist. Drilg Superintendent

DATE

10-28-87

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

11-5-87

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side