

UNITED STATES  
DEPARTMENT OF THE INTERIOR

## GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DR XXXXXXXXXX DEEPEN ☐ PLUG BACK ☐

## b. TYPE OF WELL

OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

## 2. NAME OF OPERATOR

Pennzoil Company

## 3. ADDRESS OF OPERATOR

P. O. Drawer 1828 - Midland, Texas 79701

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

At surface

1980' FNL &amp; FWL of Sec. 31, T-20-S, R-30-E

At proposed prod. zone

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

20 miles East of Carlsbad, New Mexico

## 15. DISTANCE FROM PROPOSED\*

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

1980'

## 16. NO. OF ACRES IN LEASE

320.92 acres

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320.92 acres

## 18. DISTANCE FROM PROPOSED LOCATION\*

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

N.A.

## 19. PROPOSED DEPTH

11,900' \*\*\*

## 20. ROTARY OR CABLE TOOLS

Rotary

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

3328' K.B.

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

5-18-76

## 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	451'	925 sx. Circ.*
* 10 5/8"	8 5/8"	24, 28, & 32#	4,066'	1,550 sx. Circ.*
** 7 7/8"	2 7/8"	6.5	11,900'	700 sx. (Est. top 9,700')

\* This casing was cemented in hole by Texas International Petroleum Corporation

\*\* 2 7/8" casing to be set with top of cement high enough to cover top of Wolfcamp zone.

This well was originally drilled by Texas International and subsequently plugged and abandoned by them on 9-17-74.

\*\*\* See attached well bore sketches.

RECEIVED

MAY 6 1976

RECEIVED

MAY - 5 1976

U. S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

O. C. G.

ARTESIA OFFICE

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 geology and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

SIGNED

*J. W. Raney*

TITLE

Advanced Petroleum Engineer

DATE

5-04-76

(This space for Federal or State office use)

APPROVAL DATE

TITLE

DATE

APPROVED BY: 1976  
CONDITIONS OF APPROVAL, IF ANY:W. L. BECKMAN  
ACTING DISTRICT ENGINEERTHIS APPROVAL IS EXTENDED IF OPERATIONS  
ARE NOT COMMENCED WITHIN 3 MONTHS.  
EXPIRES AUG 5 - 1976