

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

## 1a. TYPE OF WORK

~~DRILL~~ ☒ REENTER DEEPEN ☐ PLUG BACK ☐

## b. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ OTHER ☐ Re-enter SINGLE ZONE ☐ MULTIPLE ZONE ☐

## 2. NAME OF OPERATOR

Tenneco Oil Company

## 3. ADDRESS OF OPERATOR

Box 1031, Midland, Texas 79701

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

At surface

330' FHL &amp; 1650' FEL, Sec. 24, T-9-S, R-35-E

At proposed prod. zone

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

2 miles east of Crossroads, New Mexico

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

330'

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

467

## 16. NO. OF ACRES IN LEASE

40

## 19. PROPOSED DEPTH

9750

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

## 20. ROTARY OR CABLE TOOLS

Rotary

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

4113' KB

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

Upon Approval

## 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"        | 35.6 & 48       | 458           | 475 sx - Circ.     |
| 11"          | 8-5/8"         | 24 & 32         | 4910          | 2625 sx - Circ.    |
| 7-7/8"       | -              | -               | -             | -                  |

This well was originally drilled as Pan American Petroleum Corporation's Federal "B" - 2 to a T. D. of 12,600' and plugged 6-10-66.

We propose to re-enter, clean out cement plugs at: surface, 3-5/8" casing shoe, 5400' - 5500', 7600' - 7700' and 9500' - 9600'; set an open hole inflatable packer with cement on top of it (5 sxs); run 5-1/2" 17# J-55 & 11-30 to top of cement plug and cement 5-1/2" casing with sufficient cement to bring cement top to 8570' (100' above HUECO).

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

Drilling Engineer

DATE

3-28-72

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

SEP 1 1970

ARTHUR R. BROWN  
DISTRICT ENGINEER

\*See Instructions On Reverse Side

RECEIVED

SEP 6 1978

OFF. OF INFORMATION COMM.  
HOUSTON, TX 77001