

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

F. W. Estill

## 3. ADDRESS OF OPERATOR

c/o Penroc Oil Corp., P. O. Drawer 831, Midland, Tx.

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

At surface

1980' FNL &amp; 1980' FWL, Section 21

At proposed prod. zone

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

10 miles southeast of Maljamar, New Mexico

## 15. DISTANCE FROM PROPOSED\*

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

660'

## 18. DISTANCE FROM PROPOSED LOCATION\*

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

none

## 16. NO. OF ACRES IN LEASE

320

## 19. PROPOSED DEPTH

13,700'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

## 20. ROTARY OR CABLE TOOLS

Rotary

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

3834.5 GR

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

February 25, 1974

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
| 17           | 12 3/4         | 36              | 375'          | Circulate          |
| 11           | 8 5/8          | 24 & 32         | 4800'         | 450                |
| 7 5/8        | 5 1/2          | 17 & 20         | 13,700'       | 900                |

**AMENDMENTS:**

1. Drilling of the well must be in compliance with the attached  
"Drilling Well Control Requirements" dated June 22, 1973.
2. Trash and junk should be buried in a separate trash pit.

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

Agent

DATE

1/21/74

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

**APPROVED**  
AS AMENDED  
JAN 30 1974  
ARTHUR R. BROWN  
DISTRICT ENGINEER

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY: