

N. M. O. C. C. COPY  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE\*  
(Other instructions on  
reverse side)Copy 451  
Form approved.  
Budget Bureau No. 42-R1425.

30-015-21222

## 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

Penroc Oil Corporation

## 3. ADDRESS OF OPERATOR

P.O. Drawer 831, Midland, Texas 79701

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

At surface

1980' FN &amp; 2086' FWL

At proposed prod. zone

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

9 miles North 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

162.48

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

329.84

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

None

## 19. PROPOSED DEPTH

11,600'

## 20. ROTARY OR CABLE TOOLS

Cable Tools &amp; Rotary

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

3293.8 GL

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

May 30, 1974

## 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#	400'	circulate
12 3/4"	8 5/8"	24 & 32#	2500'	circulate
7 7/8"	4 1/2" or 5 1/2"	4 1/2" 11.60#		
		5 1/2" 17 & 20#	11,600'	300 sx

This well will be spudded with cable tools and drilled with same until  
suitable rotary equipment is available.

## MUD PROGRAM

Fresh water

Brine and fresh water

Brine water

0 to 8000'

8000' through the Wolfcamp.  
Base of Wolfcamp to total depth.

Weight, viscosity and water loss as necessary to control the well.

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

Robert E. Baling

TITLE

Agent

DATE

May 7, 1974

(This space for Federal or State office use)

SUBJECT TO ATTACHED DEEP WELL CONTROL

REQUIREMENTS DATED JUN 22 1973

APPROVED

MAY 22 1974

R. L. BEEKMAN  
ACTING DISTRICT ENGINEER

THIS APPROVAL IS RESCINDED IF OPERATIONS  
ARE NOT COMMENCED WITHIN 3 MONTHS.  
EXPIRES AUG 22 1974

\*See Instructions On Reverse Side

DECLARED WATER BASIN  
CEMENT BEHIND THE  
CASING MUST BE CIRCULATED

NOTIFY USGS IN SUFFICIENT TIME TO  
WITNESS CEMENTING THE CASING.

RECEIVED

MAY - 8 1974

U.S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO