

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

Ralph S. Cooley

## 3. ADDRESS OF OPERATOR

P. O. Box 254, Midland, Texas 79701

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

At surface 1980 feet from West line and 660 feet from South line,  
Section 18, T9S, R38E.At proposed prod. zone 1980 feet from West line and 660 feet from  
South line, Section 18, T9S, R38E.

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

16 miles East of Cross Roads, New Mexico

## 10. DISTANCE FROM PROPOSED\*

660 feet

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any) 660 feet

## 16. NO. OF ACRES IN LEASE

160

## 17. NO. OF ACRES ASSIGNED

160

## 18. DISTANCE FROM PROPOSED LOCATION\*

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

## 19. PROPOSED DEPTH

5,025'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

3968 GR

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

January 2, 1966

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8"	28 lb.	400'	225 sacks (Circulate)
7-7/8"	4-1/2"	11.61 lb.	5,025'	800 sacks

Drill 11" hole from surface to approximately 400 feet. Run and cement 8-5/8" circulating cement back to surface. Drill 7-7/8" hole to approximately 5,025 feet. Run 4-1/2" O.D., 11.60 lb. production casing, cement with 700 sacks regular, 4 sacks aquagel added 100 sacks Incor with Latex added. W.O.C. 48 hours. Test casing. Run gamma-ray neutron logs, tie in and collar log. Perforate production zone, treat with approximately 7,500 gallons acid. Swab back acid and load fluid. Test and complete.

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.

Title  
XXXXX

Operator

Signed  
XXXXX*Ralph S. Cooley*

DATE December 10, 1965

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_

APPROVAL DATE \_\_\_\_\_

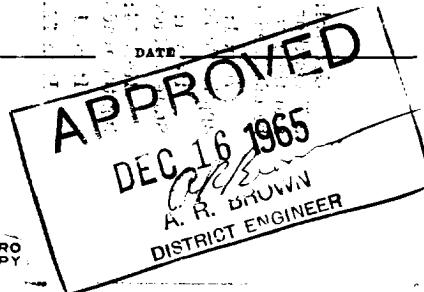
APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

XERO  
COPYXERO  
COPYXERO  
COPYXERO  
COPY