

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

TEXACO Inc.

## 3. ADDRESS OF OPERATOR

P. O. Box 728 - Hobbs, New Mexico

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

At surface

Well located 1980' from the South Line, and 1980' from  
the East Line of Section 8, T-25-S, R-36-E, Lea County, N. M.  
At proposed prod. zone

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

Two miles Southwest of Cooper, New Mexico

## 15. DISTANCE FROM PROPOSED\*

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

1980'

## 16. NO. OF ACRES IN LEASE

2402.46

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

640

## 18. DISTANCE FROM PROPOSED LOCATION\*

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

First Well

## 19. PROPOSED DEPTH

12,200'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

Not Available

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

At Once

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	11 3/4"	42 & 23.72 LB	350'	*375 Sx 300% vol to circulate
10 5/8"	8 5/8"	24 & 32 LB	5100'	**1600 Sx 250% vol to circulate
7 5/8"	5 1/2"	17 LB	11350'	***1100 Sx 200% vol tie to 8 5/8"
4 3/4"	3 1/2" Liner	9.2 LB (950' Liner)	12200'	**** 100 Sx 300% vol to circulate

\* 375 Sx Incor neat containing 2% calcium chloride.

\*\* 1400 Sx Trinity Lite Wate, plus 200 Sx Incor neat.

\*\*\* 700 Sx Trinity Lite Wate, plus 400 Sx Class "C" 4% gel.

\*\*\*\* 100 Sx Class "C" 4% gel.

## FORMATION TOPS EXPECTED

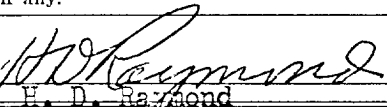
Anhydrite 1350'  
Top of Salt 1475'  
Btm of Salt 3569'  
Yates 3649'  
Delaware Mtn gp 5100'  
Bone Springs 7780'

Wolfcamp 10,830'  
Strawn 11,350'  
Atoka 12,100'  
Total Depth 12,200'

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

  
H. D. Raymond

TITLE

District Superintendent

DATE

August 10, 1965

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

