

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 ☐

## 5. LEASE DESIGNATION AND SERIAL NO.

NM-25741

## 6. IF INDIAN, ALLOTTEE OR TRIBE NAME

## 7. UNIT AGREEMENT NAME

## 8. FARM OR LEASE NAME

Rhodes Yates Unit

## 9. WELL NO.

13

## 10. FIELD AND POOL, OR WILDCAT

Rhodes Yates

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA

Sec. 27, T-26-S

R-37-E

## 12. COUNTY OR PARISH

Lea

New Mexico

## b. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☐

OTHER

SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Texaco Inc. c/o D. T. McCreary

## 3. ADDRESS OF OPERATOR

P. O. Box 3109 Midland, Texas 79702

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

At surface

660' FSL &amp; 660' FWL, SEC. 27, T-26-S, R-37-E

At proposed prod. zone

Same

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

6 Miles Southeast Jal, New Mexico

## 16. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any) 660'

## 16. NO. OF ACRES IN LEASE

520

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

## 18. DISTANCE FROM PROPOSED LOCATION\*

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

1470'

## 19. PROPOSED DEPTH

3450'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

2975' GR

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

After Nov. 1, 1977

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24 H-40	650'	*500 sx (300% to circulate)
8 5/8	5 1/2	14 K-55	3450'	**950 sx (250% to tie back)

\*300 sx Class C w/4% Betonite & 200 sx Class C w/2% CaCl<sub>2</sub>.  
(300% to circulate-cement must circulate).

\*\*700 sx TLW w/8# /sx salt & 250 sx 50/50 Class H/Pozmix  
containing 2% Gel & 5# sx salt. (250% to tie back).

SEE ATTACHED FOR  
CONDITIONS OF APPROVALAPPROVE TO PLACE OR ORDER  
WHILE DRILLING AND TESTING.

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

Asst. Div. Petr. Engr.

DATE

9-2-77

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY

Unless Drilling Operations have  
Commenced, this drilling approval  
Expires 1-21-78

APPROVED  
AS AMENDED  
OCT 21 1977ARTHUR R. BROWN  
DISTRICT ENGINEER

\*See Instructions On Reverse Side

RECEIVED  
JUN 27 1977  
OIL CONSERVATION COMM.  
HARRIS, N. M.