

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. LC-030174 (b)
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Texaco Inc. c/o D. T. McCreary		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P. O. Box 3109 Midland, Texas 79702		8. FARM OR LEASE NAME Rhodes Federal (2) NCT2
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1980' FSL & 1980' FEL, SEC. 28, T-26-S, R-37-E At proposed prod. zone Same		9. WELL NO. 5
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 6 Miles Southeast of Jal, New Mexico		10. FIELD AND POOL, OR WILDCAT Rhodes Yates
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 28, T-26-S, R-37-E
16. NO. OF ACRES IN LEASE 320		12. COUNTY OR PARISH 13. STATE Lea New Mexico
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. 1320'
19. PROPOSED DEPTH 3450'		20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 2966' GR		22. APPROX. DATE WORK WILL START* After Nov. 1, 1977

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 $\frac{1}{4}$	8 5/8	24 H-40	650'	*500 sx (300% to circulate)
8 5/8	5 $\frac{1}{2}$	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 APPROVAL

"APPROVAL TO PERMIT DRILLING  
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 [Signature] TITLE Asst. Div. Petr. Engr. DATE 9-2-77

(This space for Federal or State office use)

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

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

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

CONDITIONS OF APPROVAL \_\_\_\_\_

TITLE \_\_\_\_\_

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

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

\*See Instructions On Reverse Side