

# N.M. Oil Cons. Division

Form 3160-3  
(December 1990)

811 3T ST.  
ARTESIA, NM 87010-2834  
NEW MEXICO  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED  
Budget Bureau No. 1004-0136  
Expires: December 31, 1991

SUBMIT IN TRIPLICATE

## APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. Type of Work <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>		6. If Indian, Allottee or Tribe Name	
1b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. If Unit or CA, Agreement Designation	
2. Name of Operator TEXACO EXPLORATION & PRODUCTION INC.		8. Well Name and Number BTBN '25' FEDERAL	
3. Address and Telephone No. P.O. Box 3109, Midland Texas 79702 688-4606		9. API Well No. 30-015-29520	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At Surface Unit Letter A : 960 Feet From The NORTH Line and 330 Feet From The EAST Line At proposed prod. zone SAME		10. Field and Pool, Exploratory Area WILDCAT Cotton Draw, Bone Spring	
14. Distance In Miles and Direction from Nearest Town or Post Office* 30 MILES SE OF LOVING, NM		11. SEC., T., R., M., or BLK. and Survey or Area Sec. 25, Township 24-S, Range 31-E	
15. Distance From Proposed* Location to Nearest Property or Lease Line, Ft. (also to nearest drlg. unit line, if any) 330'		12. County or Parish EDDY	
16. No. of Acres in Lease 160		13. State NM	
18. Distance From Proposed Location* to Nearest Well, Drilling, Completed or Applied For, On This Lease, Ft. 1340'		17. No. of Acres Assigned To This Well 40	
19. Proposed Depth 10000'		20. Rotary or Cable Tools ROTARY	
21. Elevations (Show whether DF, RT, GR, etc.) GR-3536'		22. Approx. Date Work Will Start* 5/1/97	

23 PROPOSED CASING AND CEMENT PROGRAM				
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
14 3/4	WC50, 11 3/4	42#	950'	600 SACKS - CIRCULATE
11	WC50, 8 5/8	32#	4500'	1050 SACKS - CIRCULATE
7 7/8	WC50, L80, 5 1/2	17#	10000'	2050 SACKS - CIRCULATE

### CEMENTING PROGRAM:

SURFACE CASING - 600 SACKS CLASS C W/ 2% CACL2 (14.8 PPG, 1.34 CF/S, 6.3 GW/S).

INTERMEDIATE CASING - 900 SACKS 35/65 POZ CLASS H W/ 6% GEL, 5% SALT, 1/4# FLOCELE (12.4 PPG, 2.14 CF/S, 11.9 GW/S). F/B 150 SACKS CLASS H (15.6 PPG, 1.18 CF/S, 5.2 GW/S).

PRODUCTION CASING - 1st STG: 1200 SACKS 50/50 POZ H w/ 2% GEL, 5% SALT, 1/4# FC (14.2 PPG, 1.35 CF/S, 6.3 GW/S).

DV TOOL @ 5300' - 2nd STG: 750 SACKS 35/65 POZ CLASS H W/ 6% GEL, 5% SALT, 1/4# FLOCELE (12.4 PPG, 2.14 CF/S, 11.9 GW/S). F/B 100 SACKS CLASS H (15.6 PPG, 1.18 CF/S, 5.2 GW/S)

DAYS TO DRILL: 15 DAYS. DAYS TO COMPLETE: 14 DAYS.  
THERE ARE NO OTHER OPERATORS IN THIS QUARTER QUARTER SECTION.

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

In Above Space Describe Proposed Program: If proposal is to deepen, 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 true verticle depths. Give blowout preventer program, if any.

24. I hereby certify that the foregoing is true and correct

SIGNATURE C. Wade Howard TITLE Eng. Assistant DATE 3/10/97  
TYPE OR PRINT NAME C. Wade Howard

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

APPROVED BY (ORIG. SGD.) JAMES G. PETTENGILL DATE 4-10-97

CONDITIONS OF APPROVAL, IF ANY:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.