

SUBMIT IN TRIPLICATE

UN
DEPARTMENT
BUREAU OF

OPER. GRID NO. 22351
PROPERTY NO. 25182
POOL CODE ✓
EFF DATE 12/25/99
API NO. 30-025-34816

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

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>	7. If Unit or CA, Agreement Designation
1b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>	8. Well Name and Number TEXMACK '31' FED COM
2. Name of Operator TEXACO EXPLORATION & PRODUCTION INC.	9. API Well No. 1
3. Address and Telephone No. P.O. Box 3109, Midland Texas 79702 688-4606	10. Field and Pool, Exploratory Area Fren Morrow, Morrow; Fren Morrow, Atoka
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At Surface Unit Letter G : 1700 Feet From The North Line and 1605 Feet From The East Line At proposed prod. zone Same	11. SEC., T., R., M., or BLK. and Survey or Area Sec. 31, Township 16-S, Range 32-E
14. Distance In Miles and Direction from Nearest Town or Post Office* 2.5 Miles Northwest of Maljamar, NM	12. County or Parish LEA
15. Distance From Proposed* Location to Nearest Property or Lease Line, Ft. (also to nearest drlg. unit line, if any) 1605'	13. State NM
16. No. of Acres in Lease 321.2	17. No. of Acres Assigned To This Well 321.2
18. Distance From Proposed Location* to Nearest Well, Drilling, Completed or Applied For, On This Lease, Ft. N/A	20. Rotary or Cable Tools ROTARY
19. Proposed Depth 12750'	22. Approx. Date Work Will Start 11/19/1999
21. Elevations (Show whether DF, RT, GR, etc.) GR-4133'	

23. PROPOSED CASING AND CEMENT PROGRAM				
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
14 3/4"	WC40, 11 3/4	42#	550'	350 Sacks-Circulate
11"	WC50, 8 5/8	32#	4200'	1680 Sacks-Circulate
7 7/8"	WC70, SS95	17#	12750'	2220 Sacks-Circulate

CEMENTING PROGRAM:

SURFACE CASING: 100 SACKS CLASS C w/2% GEL, 2% CaCl₂ (14.2 PPG, 1.5 CF/S, 6.3 GW/S). F/B 250 SACKS CLASS C w/2% CaCl₂ (14.8 PPG, 1.34 CF/S, 6.3 GW/S).

INTERMEDIATE CASING: 1110 SACKS 35/65 POZ CLASS H w/6% GEL, 5% SALT, 1/4# FC (12.8 PPG, 1.94 CF/S, 10.46 GW/S). F/B 570 SACKS CLASS H (15.6 PPG, 1.18 CF/S, 5.2 GW/S).

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

DV TOOL @ 8800'---2nd STAGE--720 SACKS 35/65 POZ CLASS H w/6% GEL, 5% SALT, 1/4# FC (12.4 PPG, 2.14 CF/S, 11.9 GW/S). F/B 300 SACKS 50/50 POZ CLASS H w/2% GEL, 5% SALT, 1/4# FC (14.2 PPG, 1.35 CF/S, 6.3 GW/S).

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS

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 vertical depths. Give blowout preventer program, if any.

24. I hereby certify that the foregoing is true and correct.
SIGNATURE A. Phil Ryan TITLE Commission Coordinator DATE 11/05/1999
TYPE OR PRINT NAME A. Phil Ryan

(This space for Federal or State office use)

PERMIT NO. Chris Williams 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 Assistant Field Office Manager TITLE Land and Minerals DATE DEC 1999
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.

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