

SUBMIT IN TRIPLICATE

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N. M. Oil Cons. Div  
811 S. RECEIVED  
ARTESIA, NM 88210-2804

JUN 13 97

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

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. Type of Work DRILL ☒ DEEPEN ☐  
1b. Type of Well  
OIL WELL ☐ GAS WELL ☒ OTHER ☐  
SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. Name of Operator TEXACO EXPLORATION & PRODUCTION INC. 22351

3. Address and Telephone No. P.O. Box 3109, Midland Texas 79702 688-4606

4. Location of Well (Report location clearly and in accordance with any State requirements. \*)  
At Surface  
Unit Letter C : 990 Feet From The NORTH Line and 1650 Feet From The WEST Line  
At proposed prod. zone  
SAME

14. Distance in Miles and Direction from Nearest Town or Post Office\*  
10 MILES NORTHEAST OF LOCO HILLS, NM.

15. Distance From Proposed\* Location to Nearest Property or Lease Line, Ft. (also to nearest drlg. unit line, if any) 990'

16. No. of Acres in Lease 640

18. Distance From Proposed Location\* to Nearest Well, Drilling, Completed or Applied For, On This Lease, Ft. 466'

19. Proposed Depth 12500'

21. Elevations (Show whether DF, RT, GR, etc.)  
GR-3949'

5. Lease Designation and Serial No.  
LC-029418B

6. If Indian, Alottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and Number  
TEXMACK '11' FEDERAL 21094

9. API Well No.  
30-015-29720

10. Field and Pool, Exploratory Area 96663  
FREN, MOROW /

11. SEC., T., R., M., or BLK. and Survey or Area  
Sec. 11, Township 17-S, Range 31-E

12. County or Parish EDDY 13. State NM

17. No. of Acres Assigned To This Well 320

20. Rotary or Cable Tools  
ROTARY

22. Approx. Date Work Will Start\*  
8/1/97

23. PROPOSED CASING AND CEMENT CONTROLLED WATER BASIN				
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
14 3/4	WC40, 11 3/4	42#	625'	450 SACKS - CIRCULATE
11	WC50, 8 5/8	32#	4500'	2000 SACKS - CIRCULATE
7 7/8	WC70, SS95, 5 1/2	17#	12500'	2100 SACKS - TOC @ 4000'

CEMENTING PROGRAM:  
SURFACE CASING - 300 SACKS CLASS C W/ 4% GEL, 2% CC (13.5 PPG, 1.74 CF/S, 9.1 GW/S). F/B 150 SACKS CLASS C W/ 2% CC (14.8 PPG, 1.34 CF/S, 6.3 GW/S). CIRCULATE CEMENT TO SURFACE.

INTERMEDIATE CASING - 1500 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 500 SACKS CLASS H (15.6 PPG, 1.18 CF/S, 5.2 GW/S). CIRCULATE CEMENT TO SURFACE.

PRODUCTION CASING - 1st STG: 1100 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 @ 8900' - 2nd STG: 600 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 400 SACKS 50/50 POZ H W/ 2% GEL, 5% SALT, 1/4# FC (14.2 PPG, 1.35 CF/S, 6.3 GW/S). TOP OF CEMENT AT 4000'.

DAYS TO DRILL: 36 DAYS, DAYS TO COMPLETE 15 DAYS.

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

Post ID-1  
7-18-97  
New Loc & API

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 6/12/97  
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.) ARMANDO A. LOPEZ TITLE Acting ADM, MINERALS DATE 7-7-97

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.