

SUBMIT IN TRIPLICATE

N. M. Oil Cons. Division  
811 S. 1ST ST.  
ALBUQUERQUE, NM 88210-2834  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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 ☐ GAS ☒ OTHER ☐  
WELL ☐ WELL ☒  
SINGLE ZONE ☒  
MULTIPLE ZONE ☐

2. Name of Operator **TEXACO EXPLORATION & PRODUCTION INC.**  
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 **E** : **1650** Feet From The **North** Line and **330'** Feet From The **West** Line  
At proposed prod. zone  
**Same**

14. Distance in Miles and Direction from Nearest Town or Post Office\*  
**\* 11 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) **330'**  
16. No. of Acres in Lease **319.80**

18. Distance From Proposed Location\* to Nearest Well, Drilling, Completed or Applied For, On This Lease, Ft. **859'**  
19. Proposed Depth **12,550'**

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

**Gr-4024'**

5. Lease Designation and Serial No.  
**NMLC-049998(b)**

6. If Indian, Alottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and Number  
**Texmack "1" Federal Com.**

9. API Well No.

10. Field and Pool, Exploratory Area

**Fren, Morrow/Undesignated, Atoka, Strawn**

11. SEC., T., R., M., or BLK. and Survey or Area

**Sec. 1, Township 17-S, Range 31-E**

12. County or Parish

**Eddy**

13. State

**NM**

17. No. of Acres Assigned To This Well

**319.80**

20. Rotary or Cable Tools

**ROTARY**

22. Approx. Date Work Will Start\*

**12/15/98**

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#	400'	250 Sacks-Circulate
11	WC50, 8 5/8	32#	4500'	2025 Sacks-Circulate
7 7/8	WC70, SS95	17#	12,550'	2125 Sacks-TOC @ 4000'

CEMENTING PROGRAM:

SURFACE CASING--100 Sacks Class C W/2% Gel, 2% CaCl<sub>2</sub>(13.5 PPG, 1.74 CF/S, 9.1 GW/S). F/B 150 Sacks Class C W/2% CaCl<sub>2</sub>(14.8 PPG, 1.34 CF/S, 6.3 GW/S). Circulate cement to surface.

INTERMEDIATE CASING--1525 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 Stage: 1100 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 @ 8900'---2 nd Stage: 625 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 Class 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: 46 Days; Days to complete: 8 days

**NSL - 4174 12/2/98**

**Post ID-1  
1-8-99  
API + LOC**

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 **A. Phil Ryan** TITLE **Commission Coordinator** DATE **11/30/98**

TYPE OR PRINT NAME **A. Phil Ryan**

(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 **Assistant Field Office Manager** DATE **DEC 28 1998**

CONDITIONS OF APPROVAL, IF ANY: **Lands and Minerals**

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.

RECEIVED

DEC 01 1964

BLM  
ROSWELL, N.M.