

Form 3160-3
(December 1990)

UNIT
DEPARTMENT
BUREAU OF

OPER. CONSID NO. 22351
PROPERTY NO. 20023
POOL CODE ✓
DATE 12/5/96
API NO. 30-025-33705

RCM 11-21-96

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 **DRILL** ☒ **DEEPEN** ☐
1b. Type of Well **SINGLE ZONE** ☒
OIL WELL ☒ GAS WELL ☒ OTHER ☐
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 **L** : **2080** Feet From The **SOUTH** Line and **660** Feet From The **WEST** Line

At proposed prod. zone

SAME

14. Distance in Miles and Direction from Nearest Town or Post Office*

30 MILES SE OF LOVING, NM

15. Distance From Proposed* Location to Nearest Property or Lease Line, Ft. (also to nearest drig. unit line, if any) **2080'**

16. No. of Acres in Lease
1750.31

18. Distance From Proposed Location* to Nearest Well, Drilling, Completed or Applied For, On This Lease, Ft. **N/A**

19. Proposed Depth
13800'

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

GR-3431'

5. Lease Designation and Serial No.

LC-061873B NM-185433

6. If Indian, Alottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and Number

COTTON DRAW 9L FEDERAL

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9. API Well No.

10. Field and Pool, Exploratory Area

WILDCAT, WOLFCAMP/DELAWARE/ BONE SPG

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

Sec. **9**, Township **25-S**, Range **32-E**

12. County or Parish

LEA

13. State

NM

17. No. of Acres Assigned To This Well

40/320

20. Rotary or Cable Tools

ROTARY

22. Approx. Date Work Will Start*

12/15/96

23. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2	WC40, 13 3/8	48#	700'	700 SACKS - CIRCULATE
12 1/4	J55, 9 5/8	36 & 40#	4500'	1700 SACKS - CIRCULATE
8 3/4	P110, 7	29#	12000'	1750 SACKS - TOC @ 3000'
6 1/8	P110, 5	18#	13800'	350 SACKS - TOC @ 11700'

CEMENTING PROGRAM:

SURFACE CASING - 500 SACKS CLASS C W/ 2% GEL (14.2 PPG, 1.5 CF/S, 7.4 GW/S) F/B 200 SACKS CLASS C W/ 2% CACL2 (14.8 PPG, 1.34 CF/S, 6.3 GW/S).

INTERMEDIATE CASING - 1500 SACKS 35/65 POZ CLASS H W/ 6% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S, 10.5 GW/S). F/B 200 SACKS CLASS H (15.6 PPG, 1.18 CF/S, 5.2 GW/S).

PRODUCTION CASING - 1st STG: 450 SACKS 50/50 POZ H w/ 2% GEL, 5% SALT, 1/4# FC (14.2 PPG, 1.35 CF/S, 6.3 GW/S). F/B 200 SACKS CLASS H (15.6 PPG, 1.18 CF/S, 5.2 GW/S).

DV TOOL @ 8500' - 2nd STG: 900 SACKS 50/50 POZ CLASS H W/ 2% GEL, 5% SALT, 1/4# FLOCELE (14.2 PPG, 1.35 CF/S, 6.3 GW/S). F/B 200 SACKS CLASS H (15.6 PPG, 1.18 CF/S, 5.2 GW/S).

LINER - TOP OF LINER @ 11700' - 350 SACKS GAS BLOCK (15.6 PPG, 1.2 CF/S, 3.3 GW/S).

THERE ARE NO OTHER OPERATORS IN THIS QUARTER QUARTER SECTION.

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 **11/5/96**

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.) TONY L. FERGUSON** TITLE **ADM. MINERALS** DATE **11/12/96**

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.