

SUBMIT IN TRIPLICATE

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N. M. Oil Cons. Division

811 S. 1ST ST.

ARTESIA, NM 88210-2834

FORM APPROVED

Budget Bureau No. 1004-0136

Expires: December 31, 1991

MAY - 7 1997

4-22-97 RAN

## APPLICATION FOR PERMIT TO DRILL OR DEEPEEN

1a. Type of Work

DRILL ☒DEEPEEN ☐

1b. Type of Well

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

2. Name of Operator

TEXACO EXPLORATION &amp; 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 H : 1980 Feet From The NORTH Line and 660 Feet From The EAST Line

At proposed prod. zone

SAME

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

36 miles SE OF CARLSBAD, NM

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

1980'

16. No. of Acres in Lease

2160

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

1st WELL

19. Proposed Depth

8200'

5. Lease Designation and Serial No.

NM 89057

6. If Indian, Alottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and Number

ROSS RANCH '10' FEDERAL

1

9. API Well No.

30-CIS-29605

10. Field and Pool, Exploratory Area

BIG SINKS, BELLAIRE, SE

76411

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

Sec. 10, Township 26-S, Range 31-E

12. County or Parish

EDDY

13. State

NM

17. No. of Acres Assigned To This Well

40

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

GR-3216'

22. Approx. Date Work Will Start\*

5/21/97

23. PROPOSED CASING AND CEMENT PROGRAM

CARLSBAD CONTROLLED WATER BASIN

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
14 3/4	WC50, 11 3/4	42#	700'	550 SACKS - CIRCULATE
11	WC50, 8 5/8	32#	4000'	950 SACKS - CIRCULATE
7 7/8	WC50, L80, 5 1/2	17#	8200'	1700 SACKS - CIRCULATE

## CEMENTING PROGRAM:

SURFACE CASING - 350 SACKS CLASS C w/4% GEL, 2% CC (13.5 PPG, 1.74 CF/S, 9.1 GW/S). F/B 200 SACKS CLASS C W/ 2% CACL2 (14.8 PPG, 1.34 CF/S, 6.3 GW/S).

INTERMEDIATE CASING - 800 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: 800 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 @ 5320' - 2nd STG: 800 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: 20 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

4/21/97

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

ADM. MINERALS

DATE

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.