

N. M. Oil Cons. Division

811 S. 1ST ST.

ARTESIA, NM 88210-2

Form 3160-3

(December 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE

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"/>	5. Lease Designation and Serial No. NM 0543827
1b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	6. If Indian, Allottee or Tribe Name
2. Name of Operator TEXACO EXPLORATION & PRODUCTION INC. 22351	7. If Unit or CA, Agreement Designation
3. Address and Telephone No. P.O. Box 3109, Midland Texas 79702 688-4606	8. Well Name and Number REMUDA BASIN '20' FEDERAL
4. Location of Well (Report location clearly and in accordance with any State requirements.) At Surface WILDCAT FORTY-NINE RIDGE, Bone SPRING, WEST Unit Letter D : 330 Feet From The NORTH Line and 680 Feet From The WEST Line At proposed prod. zone SAME	9. API Well No. 30-015-29549
14. Distance in Miles and Direction from Nearest Town or Post Office* 12 MILES SOUTHEAST OF LOVING, NM	10. Field and Pool, Exploratory Area 96526
15. Distance From Proposed* Location to Nearest Property or Lease Line, Ft. (also to nearest drlg. unit line, if any) 330'	11. SEC., T., R., M., or BLK. and Survey or Area Sec. 20, Township 23-S, Range 30-E
16. No. of Acres in Lease 480	12. County or Parish EDDY
17. No. of Acres Assigned To This Well 40	13. State NM
18. Distance From Proposed Location* to Nearest Well, Drilling, Completed or Applied For, On This Lease, Ft. 1479'	19. Proposed Depth 7500'
20. Rotary or Cable Tools ROTARY	21. Elevations (Show whether DF, RT, GR, etc.) GR-3153'
22. Approx. Date Work Will Start* 3/25/97	

23 PROPOSED CASING AND CEMENT PROGRAM				
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
14 3/4	WC50, 11 3/4	42#	400'	400 SACKS - CIRCULATE WITNESS
11	WC50, 8 5/8	24 & 32#	3400'	900 SACKS - CIRCULATE WITNESS
7 7/8	WC50/75, 5 1/2	15.5 & 17#	7500'	1600 SACKS - CIRCULATE

CEMENTING PROGRAM:

SURFACE CASING - 400 SACKS CLASS C W/ 2% CACL2 (14.8 PPG, 1.34 CF/S, 6.3 GW/S).

R-111-P Potash

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 100 SACKS CLASS H (15.6 PPG, 1.18 CF/S, 5.2 GW/S).

PRODUCTION CASING - 1st STG: 700 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 @ 5000' - 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: 14 DAYS. DAYS TO COMPLETE: 12 DAYS.
THERE ARE NO OTHER OPERATORS IN THIS QUARTER QUARTER SECTION.APPROVAL SUBJECT TO
GENERAL REQUIREMENTS **AL & APS**
SPECIAL STIPULATIONS **5-2-97**
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 2/18/97TYPE 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 John S. Nichols TITLE Acting State Director DATE 4-14-97

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.

1. The first part of the document is a list of names and addresses of the members of the committee.