

DISTRICT I

P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II

P.O. Box Drawer DD, Artesia, NM 88211-0719

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

P.O. Box 2088, Santa Fe, NM 87504-2088

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-101

Revised February 10, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 6 Copies

Fee Lease - 5 Copies

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address TEXACO EXPLORATION & PRODUCTION INC. P.O. Box 3109, Midland Texas 79702		² OGRID Number 022351
⁴ Property Code 11123	⁵ Property Name NORTH VACUUM ABO WEST UNIT	³ API Number 30-025-33988 ⁶ Well No. 31

⁷ Surface Location

Ul or lot no.	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
C	15	17-S	34-E		660	NORTH	1980	WEST	LEA

⁸ Proposed Bottom Hole Location If Different From Surface

Ul or lot no.	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
E	15	17-S	34-E		2080	NORTH	560	WEST	LEA

⁹ Proposed Pool 1

VACUUM, ABO, NORTH

¹⁰ Proposed Pool 2

¹¹ Work Type Code N	¹² WellType Code O	¹³ Rotary or C.T. ROTARY	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 4052'
¹⁶ Multiple No	¹⁷ Proposed Depth 10644 MD	¹⁸ Formation ABO	¹⁹ Contractor NABORS	²⁰ Spud Date 6/20/97

²¹ Proposed Casing and Cement Program

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11	8 5/8	24#	1660'	600 SACKS	SURFACE
7 7/8	5 1/2	17#	8880'	1400 SACKS	SURFACE

22 Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone.

Describe the blowout prevention program, if any. Use additional sheets if necessary.

CEMENTING PROGRAM:

SURFACE CASING: 450 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).

PRODUCTION CASING: 1300 SACKS 35/65 POZ H w/ 6% GEL, 5% SALT, 1/4# FC (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).

HORIZONTAL WELL, NON-STANDARD PRORATION UNIT EXCEPTION HAS BEEN APPLIED FOR. (COPY ATTACHED).

TOTAL DEPTH: 8880' TVD, 10644' MD.

 DD-173(H)
 Permit Expires 1 Year From Approval
 Date Unless Drilling Underway

²³ I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature <i>C. Wade Howard</i>		Approved By: <i>Paul Kautz</i> Geologist	
Printed Name C. Wade Howard		Title:	
Title Eng. Assistant		Approval Date: MAY 28 1997	Expiration Date:
Date 5/21/97	Telephone 688-4606	Conditions of Approval: Attached <input type="checkbox"/>	