

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 11127	⁵ Property Name L VAN ETEN	³ API Number 32-020-34558 ⁶ Well No. 19

⁷ Surface Location

UI or lot no.	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
O	9	20-S	37-E		467'	SOUTH	1650'	EAST	LEA

⁸ Proposed Bottom Hole Location If Different From Surface

UI or lot no.	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County

⁹ Proposed Pool 1

SOUTHEAST MONUMENT ABO

¹⁰ Proposed Pool 2

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Rotary or C.T. ROTARY	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3544'
¹⁶ Multiple No	¹⁷ Proposed Depth 7500'	¹⁸ Formation ABO	¹⁹ Contractor NABORS	²⁰ Spud Date 12/15/98

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#	1150'	450	SURFACE
7 7/8"	5 1/2"	15.5 #	7500'	1700	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: 300 SACKS CLASS C W/2% GEL, 2% CACL2 (13.5 PPG, 1.74 CF/S, 7.45 GW/S). F/B 150 SACKS CLASS C W/2% CACL2 (14.8 PPG, 1.34 CF/S, 6.3 GW/S).

PRODUCTION CASING: 1st STAGE: 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). DV TOOL @ 4050'. 2nd STAGE: 700 SACKS 35/65 POZ CLASS H W/6% GEL, 5% SALT, 1/4# FLOCELE (12.4 PPG, 2.14 CF/S, 10.4 GW/S). F/B 100 SACKS CLASS H (15.6 PPG, 1.18 CF/S, 5.2 GW/S).

THERE ARE NO OTHER OPERATORS IN THIS QUARTER QUARTER SECTION. 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.

Signature

A. Phil Ryan

Printed Name

A. Phil Ryan

Title

Commission Coordinator

Date

11/6/98

Telephone

688-4606

OIL CONSERVATION DIVISION

Approved By:

Commissioner
WILLIAMS
DISTRICT

Title:

Approval Date:

11/10/1998

Expiration Date:

Conditions of Approval:

Attached ☐

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Santa Fe, NM 87504-2088

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-000-34500		² Pool Code 96704		³ Pool Name Southeast Monument Abo					
⁴ Property Code 1127		⁵ Property Name L Van Etten			⁶ Well Number 19				
⁷ OGRID No. 22351		⁸ Operator Name TEXACO EXPLORATION & PRODUCTION, INC.			⁹ Elevation 3544'				
¹⁰ Surface Location									
UL or lot no. 0	Section 9	Township 20-S	Range 37-E	Lat 'dn 467'	North/South line South	Feet from the 1650'	East/West line East	County Lea	
¹¹ Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lat 'dn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres 40		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION.

	¹⁶ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature <i>A. Phil Ryan</i> Printed Name A. Phil Ryan Position Commission Coordinator Company Texaco Expl. & Prod. Inc. Date October 30, 1998
	¹⁷ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief. Date Surveyed October 28, 1998 Signature & Seal of Professional Surveyor <i>John S. Piper</i> Certificate No. 7254 John S. Piper Sheet

○ = Staked Location ● = Producing Well ⚡ = Injection Well ♀ = Water Supply Well ⬤ = Plugged & Abandon Well
⊙ = Found Section Corner, 2 or 3" Iron Pipe & GLO B.C. ○ = Found 1/4 Section Corner, 1" Iron Pipe & GLO B.C.

ADDITIONAL INFORMATION ON THE LOCATION

State Plane Coordinates			
Northing 577033.82		Easting 874026.83	
Latitude 32°34'54.040"		Longitude 103°15'11.712"	
Zone	North American Datum	Combined Grid Factor	Coordinate File
East	1983	.999869	T20SR37E.cr5
Drawing File		Field Book	
Etten_19.DWG		Lea Co. FB. 17, Pg. 79	