

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. 1st Street, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-101
Revised March 17, 1999

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

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

¹ Operator Name and Address Texaco Exploration & Production 500 N. Loraine Midland, Texas 79702		² OGRID Number 022351
		³ API Number 30-025-35561
⁴ Property Code 11124	⁵ Property Name VACUUM GRAYBURG SAN ANDRES UNIT	⁶ Well No. 135

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
G	1	18-S	34-E		2535'	NORTH	1930'	EAST	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

⁹ Proposed Pool 1

VACUUM GRABURG SAN ANDRES

¹⁰ Proposed Pool 2

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary ROTARY	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3988'
¹⁶ Multiple NO	¹⁷ Proposed Depth 4800'	¹⁸ Formation SAN ANDRES	¹⁹ Contractor	²⁰ Spud Date 6/10/01

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	8 5/8"	24#	1550'	600	CIRCULATE
7 7/8"	5 1/2"	15.5#	4800'	1000	CIRCULATE

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: 400 sacks Class C w/4% Gel, 2% CaCl₂ (13.5 PPG, 1.74 CF/S, 9.11 GW/S). F/B 200 SACKS CLASS C w/2% CaCl₂ (14.8 PPG, 1.34 CF/S, 6.31 GW/S).

PRODUCTION CASING: 800 sacks 35/65 Poz Class H w/6% Gel, 5% Salt, 1/4# FC (12.4 PPG, 2.14 CF/S, 11.95 GW/S). F/B 200 sacks 50/50 Poz Class H w/2% Gel, 5% Salt, 1/4# FC (14.2 PPG, 1.35 CF/S, 6.30 GW/S).

²³ I hereby certify 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:

5/21/01

Phone:

(915) 688-4606

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Expiration Date:

Conditions of Approval:

Attached ☐

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

CCY
A

DISTRICT I
P. O. Box 1980, Hobbs, NM 88240

DISTRICT II
P. O. Drawer DD, Artesia, NM 88210

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

OIL CONSERVATION DIVISION

PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 10, 1994

Instructions on back

Submit to Appropriate District Office

State Lease-4 copies
Fee Lease-3 copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-35561		² Pool Code 62180		³ Pool Name Vacuum Grayburg San Andres	
⁴ Property Code 11124		⁵ Property Name Vacuum Grayburg San Andres Unit			⁶ Well Number 135
⁷ OGRID No. 22351		⁸ Operator Name TEXACO EXPLORATION & PRODUCTION, INC.			⁹ Elevation 3988'

¹⁰ Surface Location									
UL or lot no. G	Section 1	Township 18-S	Range 34-E	Lot Idn	Feet from the 2535'	North/South line North	Feet from the 1930'	East/West line East	¹¹ County Lea

¹¹ 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	¹² County

¹³ Dedicated Acres 10.40	¹⁴ Joint or Infill	¹⁵ Consolidation Code	¹⁶ Order No.
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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.

	<div><p>¹⁷ OPERATOR CERTIFICATION</p><p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p><p>Signature <i>A. Phil Ryan</i></p><p>Printed Name A. Phil Ryan</p><p>Position Commissioner Coordinator</p><p>Company Texaco Expl. & Prod. Inc.</p><p>Date May 17, 2001</p></div> <div><p>¹⁸ SURVEYOR CERTIFICATION</p><p>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.</p><p>Date Surveyed May 10, 2001</p><p>Signature & Seal of Professional Surveyor <i>John S. Piper</i></p><p>Certificate No. 7254 John S. Piper</p><p>Sheet</p></div>
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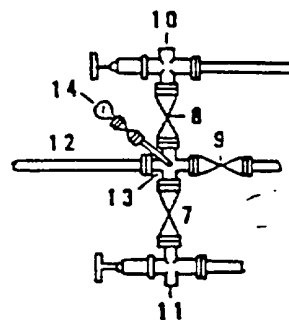
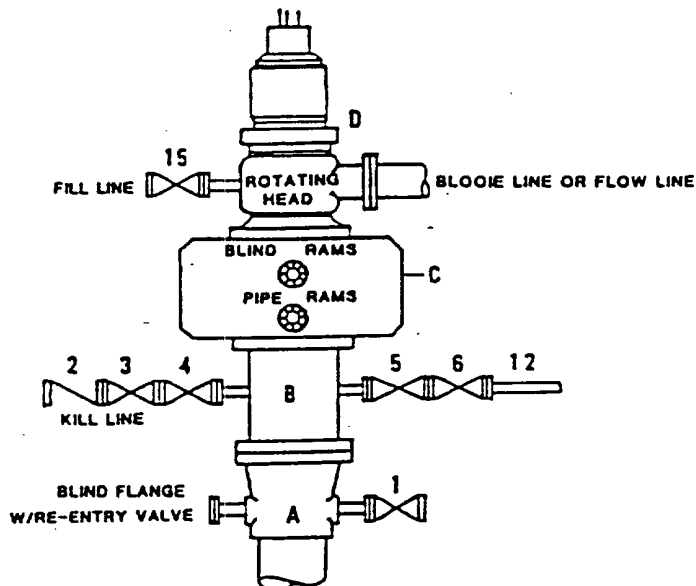
○ = Staked Location ● = Producing Well ↗ = Injection Well ◇ = Water Supply Well ◆ = Plugged & Abandon Well
⊙ = Found Section Corner, 2 or 3" Iron Pipe & GLO B.C. ○ = Found /4 Section Corner, 1" Iron Pipe & GLO B.C.

ADDITIONAL INFORMATION ON THE LOCATION

State Plane Coordinates		
Northing 647488.60 (1927=647423.62)	Easting 793881.05 (1927=752701.99)	
Latitude 32°46'38.223" (1927=32°46'37.778")	Longitude 103°30'41.939" (1927=103°30'40.151")	
Zone North American Datum	Combined Grid Factor	Coordinate File
East 1983	0.99979145	Buckeye.cr5
Drawing File	Field Book	
VGSAU135.dwg	Lea County 20, Pg. 49	

**DRILLING CONTROL
CONDITION II-B 3000 WP
FOR AIR DRILLING OR
WHERE NITROGEN OR AIR BLOWS ARE EXPECTED**

H₂S TRIM REQUIRED
YES _____ NO X



DRILLING CONTROL

MATERIAL LIST - CONDITION II - B

- A Texaco Wellhead
- B 3000# W.P. drilling spool with a 2" minimum flanged outlet for kill line and 3" minimum flanged outlet for choke line.
- C 3000# W.P. Dual ram type preventer, hydraulic operated with 1" steel, 3000# W.P. control lines (where sub-structure height is adequate, 2 - 3000# W.P. single ram type preventers may be utilized).
- D Rotating Head with fill up outlet and extended Blooe Line.
- 1,3,4, 2" minimum 3000# W.P. flanged full opening steel gate valve, or Halliburton Lo Torc Plug valve.
- 7,8,
- 2 2" minimum 3000# W.P. back pressure valve.
- 5,6,9 3" minimum 3000# W.P. flanged full opening steel gate valve, or Halliburton Lo Torc Plug valve.
- 12 1" minimum schedule 80, Grade "B", seamless line pipe.
- 13 2" minimum x 3" minimum 3000# W.P. flanged cross.
- 10,11 2" minimum 3000# W.P. adjustable choke bodies.
- 14 Cameron Mud Gauge or equivalent (location optional in choke line).
- 15 2" minimum 3000# W.P. flanged or threaded full opening steel gate valve, or Halliburton Lo Torc Plug valve.



TEXACO, INC.
MIDLAND DIVISION
MIDLAND, TEXAS



SCALE	DATE	EST. NO.	DRG. NO.
DRAWN BY			
CHECKED BY			
APPROVED BY			

EXHIBIT C

ABOVE DATE DOES NOT
INDICATE WHEN
CONFIDENTIAL LOGS
WILL BE RELEASED

ELF
7/26/01

