

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-10.1

Revised February 10, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 6 Copies

Fee Lease - 5 Copies

☐ AMENDED REPORT

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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
		³ API Number 30-025-34235
⁴ Property Code 11096	⁵ Property Name STATE 'BA'	⁶ Well No. 15

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	36	17-S	34-E		612'	NORTH	2135'	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
⁹ Proposed Pool 1 VACUUM, UPPER PENN, MIDDLE PENN, WOLF CAMP					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Rotary or C.T. ROTARY	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 4000'
¹⁶ Multiple No	¹⁷ Proposed Depth 10,500'	¹⁸ Formation UPPER PENN/M PENN/WOLF CAMP	¹⁹ Contractor NABORS	²⁰ Spud Date 12/20/97

²¹ Proposed Casing and Cement Program

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
14 3/4	11 3/4	42#	1500'	800 SACKS	SURFACE
11	8 5/8	32#	3700'	1200 SACKS	SURFACE
7 7/8	5 1/2	17#	10,500'	2300 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: 600 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% CC (14.8 PPG, 1.34 CF/S, 6.3 GW/S).

INTERMEDIATE CASING: 1000 SACKS 35/65 POZ H w/6% GEL, 5% SALT, 1/4# FC (12.4 PPG, 2.14 CF/S, 6.3 GW/S). F/B 200 SACKS CLASS H (15.6 PPG, 1.19 CF/S, 5.2 GW/S).

PRODUCTION CASING: 1st STAGE-1400 SACKS 50/50 POZ H w/2% GEL, 5% SALT, 1/4# FC (14.2 PPG, 1.35 CF/S, 11.9 GW/S).

DV TOOL @ 6000': 2nd STAGE-600 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 300 SACKS 50/50 POZ H w/2% GEL, 5% SALT, 1/4# FC (14.2 PPG, 1.35 CF/S, 11.9 GW/S).

THERE ARE NO OTHER OPERATORS IN THIS QUARTER SECTION.

Valid for 1 Year From Approval
Leasing 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>A. Phil Ryan</i>	Approved By: <i>CHRISTOPHER WILLIAMS</i> DISTRICT SUPERVISOR		
Printed Name <i>A. Phil Ryan</i>	Title:	Title:	
Title <i>Commission Coordinator</i>	Approval Date: <i>DEC 16 1997</i>	Expiration Date:	
Date 12/11/97	Telephone 688-4606	Conditions of Approval: Attached ☐	

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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 30-025-34235		² Pool Code 62300		³ Pool Name Vacuum, Upper Penn; Middle Penn; Wolfcamp	
⁴ Property Code 11096		⁵ Property Name State "BA"			⁶ Well Number 15
⁷ GRID No. 22351		⁸ Operator Name TEXACO EXPLORATION & PRODUCTION, INC.			⁹ Elevation 4000'

¹⁰ Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	⁷ County
C	36	17-S	34-E		612'	North	2135'	West	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	⁷ County

¹² Dedicated Acres 80	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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.

80 Ac.

Texaco "BA"

Mobil 1-CC

Amerada "VB"

NCT-1

36

107BHLO

107SHL

¹⁶OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature: *Phil Ryan*

Printed Name: Phil Ryan

Position: Commission Coordinator

Company: Texaco Expl. & Prod. Inc.

Date: December 11, 1997

¹⁷SURVEYOR 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: December 8, 1997

Signature & Seal of Professional Surveyor: *John S. Piper*

Certificate No.: 7254 John S. Piper

Sheet

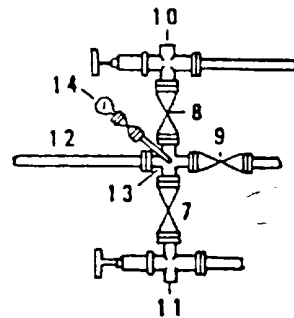
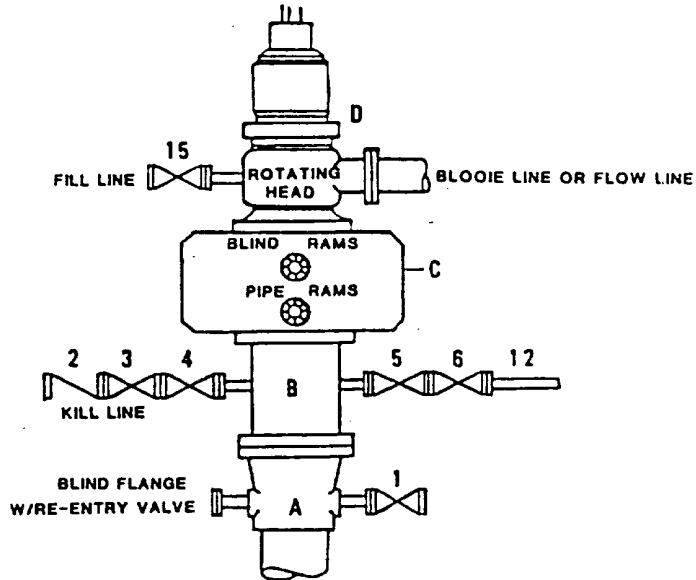
○ = Staked Location ● = Producing Well = Injection Well ◊ = Water Supply Well ⊕ = Plugged & Abandon Well
⊙ = Found Section Corner, 2 or 3" Iron Pipe & GLO B.C. ○ = Found 1/4 Section Corner, 1" Iron Pipe & GLO B.C.

ADDITIONAL INFORMATION ON THE LOCATION

State Plane Coordinates			
Northing 654684.71		Easting 792595.55	
Latitude 32°47'49.522"		Longitude 103°30'56.343"	
Zone	North American Datum	Combined Grid Factor	Coordinate File
East	1983	0.9997915	Buckeye.crs
Drawing File		Field Book	
BA15ST80.dwg		Lea County 17, Pg. 34	

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

H₂S TRIM REQUIRED
YES _____ NO _____



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,
7,8, | 2" minimum 3000# W.P. flanged full opening steel gate valve, or Halliburton Lo Torc Plug valve. |
| 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 | 3" 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

DISTRICT 1
P. O. Box 1980, Hobbs, NM 88240

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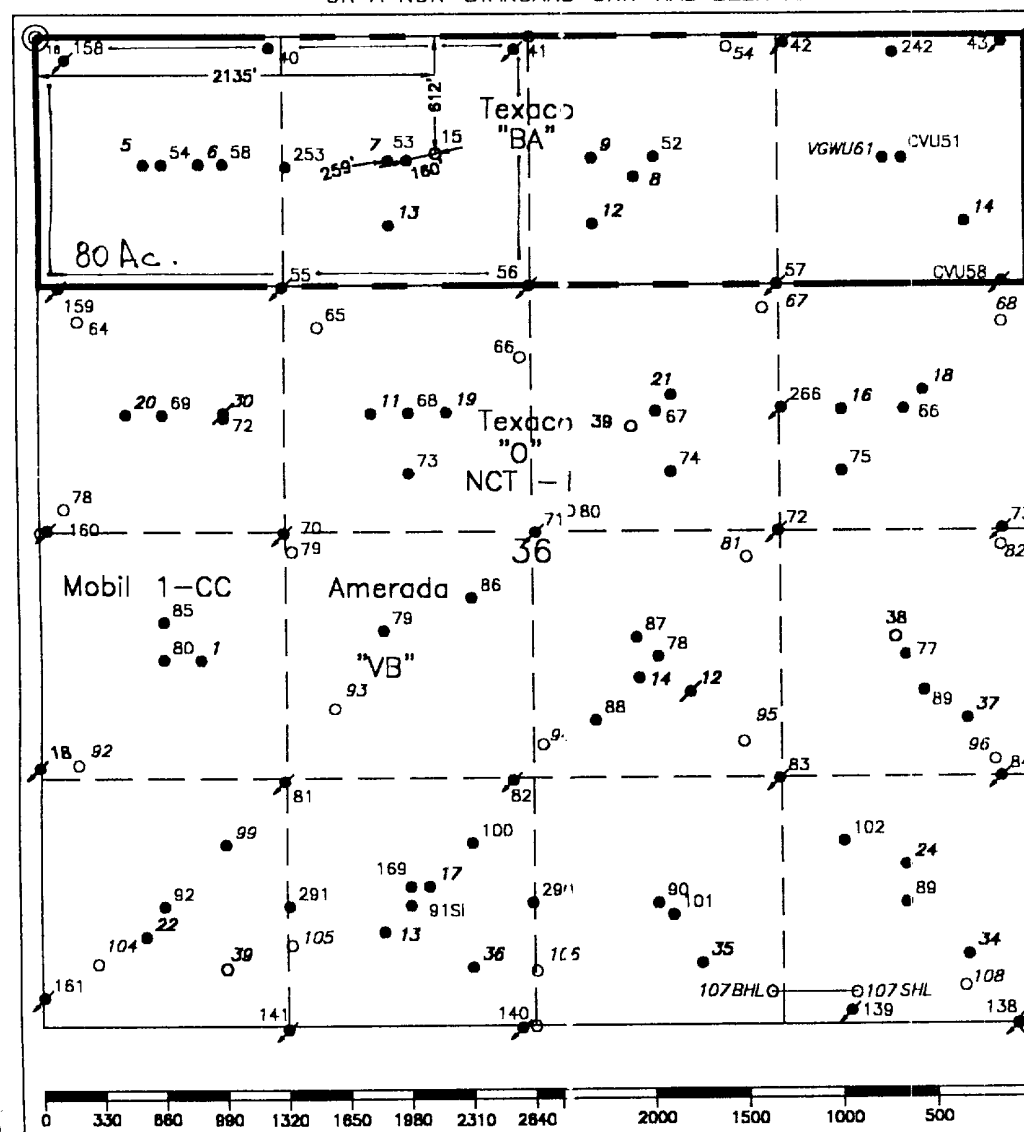
¹ API Number 30-025-3423.5		² Pool Code 62300		³ Pool Name Vacuum, Upper Penn; Middle Penn; Wolfcamp	
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¹⁰ Surface Location									
UL or lot no. C	Section 36	Township 17-S	Range 34-E	Lot Idn	Feet from the 612'	North/South line North	Feet from the 2135'	East/West line West	⁷ County Lea

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Printed Name	Phil Ryan
Position	Commission Coordinator
Company	Texaco Expl. & Prod. Inc.
Date	December 11, 1997
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Date Surveyed	December 8, 1997
Signature & Seal of Professional Surveyor	<i>John S. Piper</i>
Certificate No.	7254 John S. Piper
Sheet	

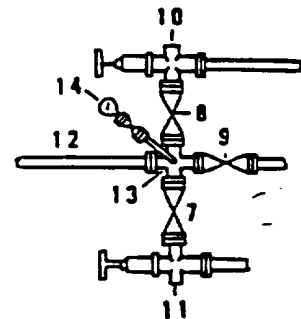
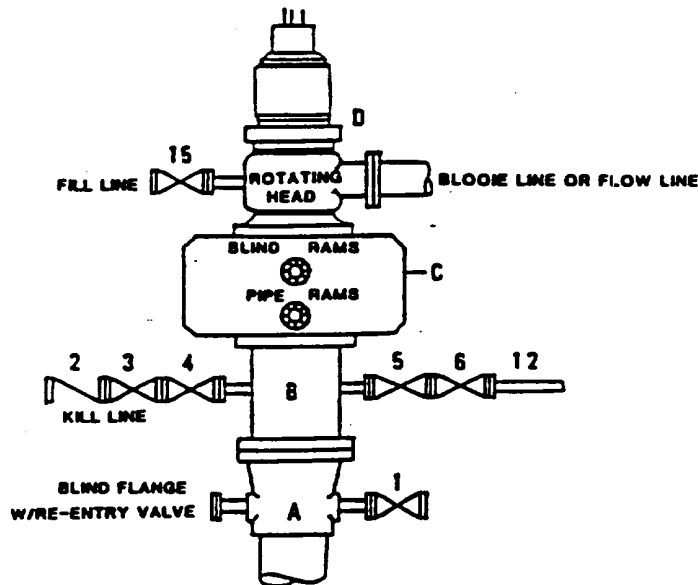
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FOR AIR DRILLING OR
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H₂S TRIM REQUIRED
YES _____ NO X



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TEXACO, INC.
MIDLAND DIVISION
MIDLAND, TEXAS



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EXHIBIT C