

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 Resource

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
⁴ Property Code 26578	⁵ Property Name FANNING '4'	³ API Number 30-025-35731 ⁶ Well No. 2

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	4	24-S	37-E		1700'	NORTH	1955'	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 UNDESIGNATED/ ELLENBURGER , DEVONIAN					¹⁰ Proposed Pool 2 Teague				

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary ROTARY	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3276'
¹⁶ Multiple NO	¹⁷ Proposed Depth 10800'	¹⁸ Formation Ellenburger, Devon	¹⁹ Contractor	²⁰ Spud Date 11/1/01

²¹ Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
14 3/4"	11 3/4"	42#	700'	290	CIRCULATE
11"	8 5/8"	32#	3700'	1180	CIRCULATE
7 7/8"	5 1/2"	17#	10800'	2360	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: 290 SACKS CLASS C w/2% GEL, 2% CaCl₂ (14.8 PPG, 1.34 CF/S, 6.40 GW/S).

INTERMEDIATE CASING: 940 SACKS 35/65 POZ CLASS H w/6% GEL, 5% SALT, 1/4# FC (12.8 PPG, 1.94 CF/S, 10.46 GW/S). F/B 240 SACKS CLASS H (15.6 PPG, 1.18 CF/S, 5.31 GW/S).

PRODUCTION CASING: 780 SACKS 50/50 POZ CLASS H w/2% GEL, 5% SALT, 1/4# FC (14.2 PPG, 1.35 CF/S, 6.40 GW/S). F/B 1290 SACKS 35/65 POZ CLASS H w/6% GEL, 5% SALT, 1/4# FC (12.4 PPG, 2.14 CF/S, 10.46 GW/S). F/B 290 SACKS POZ CLASS H w/2% GEL, 5% SALT, 1/4# FC

²³ I hereby certify 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: ORIGINAL SIGNED BY	
Printed name: A. Phil Ryan		Title: PAUL E. KAUTZ	
Title: Commission Coordinator		Approval Date: OCT 11 2001 Expiration Date:	
Date: 10/4/01	Phone: (915) 688-4606	Conditions of Approval: Attached <input type="checkbox"/>	

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

3
L
A

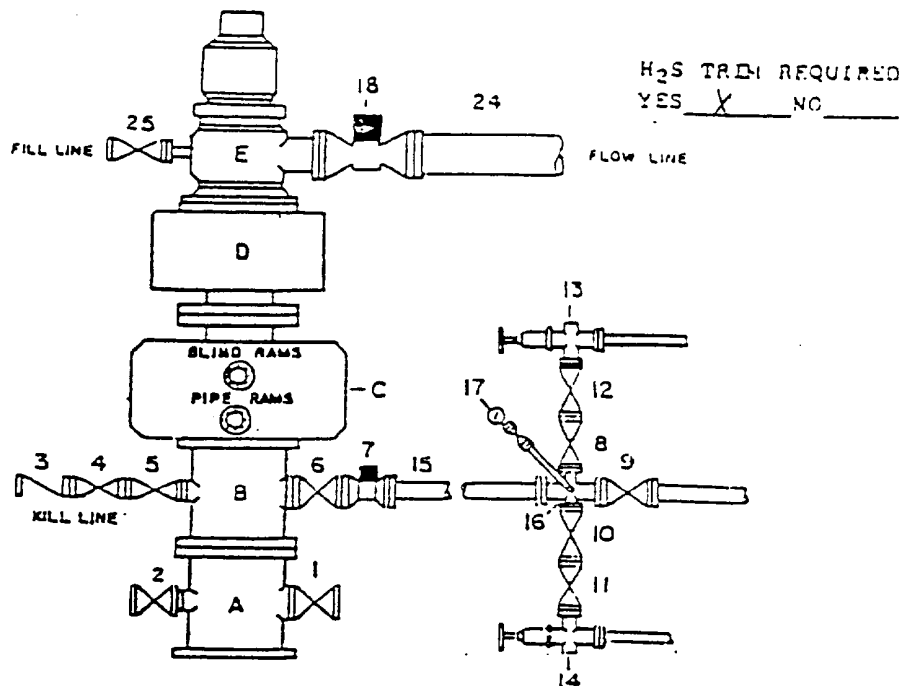
B
MP

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

State Lease-4 copies
Fee Lease-3 copies

State Plane Coordinates			
Northing	456281.09 (1927=456222.76)	Easting	902329.07 (1927=861142.64)
Latitude 32°14'56.386" (1927=32°14'55.941")		Longitude 103°09'56.405" (1927=103°09'54.741")	
Zone	North American Datum	Combined Grid Factor	Coordinate File
East	1983/86	.9999049	Fanning4.cr5 & Locus
Drawing File		Field Book	
Fan4_2.dwg		Lea Co. #20, Pg. 68	

DRILLING CONTROL CONDITION IV-8-5000 PSI WP



DRILLING CONTROL

MATERIAL LIST - CONDITION IV - 8

- A Texaco Wellhead
- B 5000# W.P. drilling spool with a minimum 2" flanged outlet for kill line and 1" minimum flanged outlet for choke line.
- C 5000# W.P. Dual ram type preventer, hydraulic operated with 1" steel, 5000# W.P. control lines.
- D 5000# W.P. Annular preventer, hydraulic operated with 1" steel, 5000# W.P. control lines.
- E Rotating Head with fill up outlet and extended Blosse line.
- 1,2,4,5, 8,10,11, 12 2" minimum 5000# W.P. flanged full opening steel gate valve, or Halliburton Lo Torc Plug valve.
- 1 2" minimum 5000# W.P. back pressure valve.
- 6,9 1" minimum 5000# W.P. flanged full opening steel gate valve, or Halliburton Lo Torc Plug valve.
- 7 1" minimum 5000# W.P. flanged hydraulic valve
- 15 1" minimum Schedule 160, Grade B, seamless line pipe
- 16 2" minimum x 1" 5000# W.P. flanged cross
- 13,14 2" minimum 5000# W.P. adjustable chokes with carbide trim.
- 17 Cameron Mud Gauge or equivalent (location in choke line optional).
- 18 4" minimum 1000# hydraulic flanged valve.
- 24 8" minimum steel flow line.
- 25 1" minimum 1000# W.P. flanged or threaded full opening steel gate valve, or Halliburton Lo Torc Plug valve.



TEXACO, INC
WILLIAMSON DIVISION
WILLIAMSON, TEXAS



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

EXHIBIT F-1