

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

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

Form C-101

Revised February 10, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 6 Copies

Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUG BACK, 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 27012		3 API Number 30-015-31511
5 Property Name REMUDA BASIN STATE 24		6 Well No. 1

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
N	24	23-S	29-E		750	SOUTH	1900	WEST	EDDY

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 W c REMUDA; WOLFCAMP (6AS)					10 Proposed Pool 2 E 5894				

11 Work Type Code N	12 WellType Code G	13 Rotary or C.T. ROTARY	14 Lease Type Code S	15 Ground Level Elevation 3035'
16 Multiple No	17 Proposed Depth 11900'	18 Formation WOLFCAMP	19 Contractor	20 Spud Date 12/15/00

21 Proposed Casing and Cement Program

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	13 3/8"	48#	400'	520	CIRCULATE
12 1/4"	9 5/8"	40#	3250'	1220	CIRCULATE
8 1/2"	7"	29#	10500'	620	CIRCULATE
5 7/8"	5"	18#	11900'	1040	CIRCULATE

22 Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the date 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: 520 SACKS CLASS C w/2% GEL, 2% CaCl₂ (14.8 PPG, 1.34 CF/S, 6.4 GW/S).

INTERMEDIATE CASING #1: 770 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 450 SACKS CLASS H NEAT (15.6 PPG, 1.18 CF/S, 5.20 GW/S).

INTERMEDIATE CASING #2: 410 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). F/B 210 SACKS CLASS H NEAT (15.6 PPG, 1.18 CF/S, 5.20 GW/S).

PRODUCTION CASING: 720 SACKS CLASS H w/3% GEL, 5% SALT, 1/4# FC (11.5 PPG, 2.98 CF/S, 11.95 GW/S). F/B 120 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 200 SACKS CLASS H w/GAS BLOCK.

R-III-P

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

12/5/00

Telephone

688-4606

OIL CONSERVATION DIVISION

Approved

ORIGINAL SIGNED BY TIM W. SUM
DISTRICT II SUPERVISOR

864

Title:

Approval Date:

DEC 14 2000

Expiration Date:

DEC 14 2001

Conditions of Appr
Attached ☐

Notify OCD spud & time to witness
cementing of ALL CASING STRINGS

DISTRICT I
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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		² Pool Code		³ Pool Name Remuda; Wolfcamp					
⁴ Property Code		⁵ Property Name Remuda Basin State "24"						⁶ Well Number 1	
⁷ DGRID No.		⁸ Operator Name TEXACO EXPLORATION & PRODUCTION, INC.						⁹ Elevation 3035'	
¹⁰ Surface Location									
UL or lot no. N	Section 24	Township 23-S	Range 29-E	Lot Idn	Feet from the 750'	North/South line South	Feet from the 1900'	East/West line West	⁷ County Eddy
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 320		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, 2000	
	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 26, 2000
	Signature & Seal of Professional Surveyor <i>John S. Piper</i>
	Certificate No. 7254 John S. Piper
	Sheet

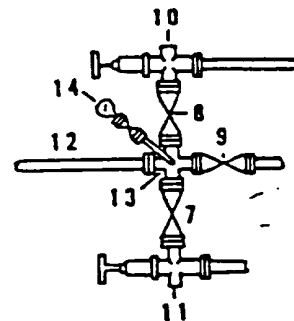
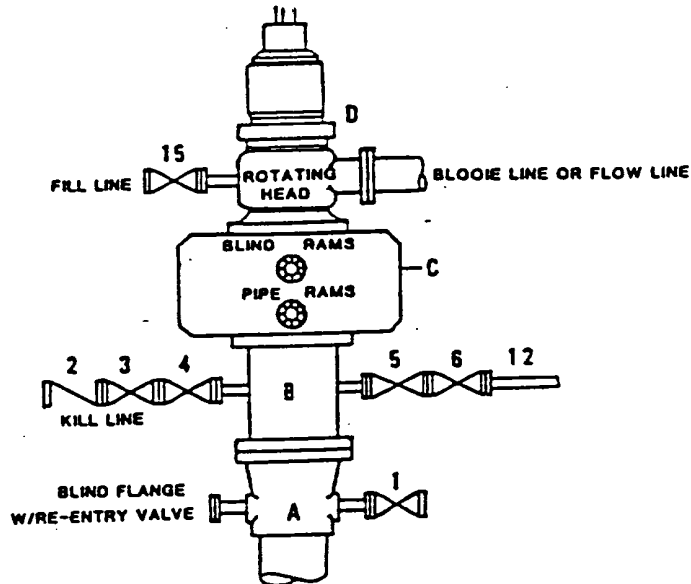
○ = Staked Location ● = Producing Well ➤ = Injection Well ◇ = Water Supply Well ◆ = Plugged & Abandon Well
⊙ = Found Section Corner, 2 or 3" Iron Pipe & GLO B.C. ○ = Found 1/4 Section Corner, 1" Iron Pipe & GLO B.C.

ADDITIONAL INFORMATION ON THE LOCATION

State Plane Coordinates			
Northing 467668.38		Easting 621526.42	
Latitude 32°17'06.449"		Longitude 103°56'24.308"	
Zone	North American Datum	Combined Grid Factor	Coordinate File
East	1927	.9997765	Remuda27.cr5
Drawing File		Field Book	
R_B24st1.DWG		Eddy Co. FB. 7, Pg. 80	

**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 substructure height is adequate, 2 - 3000# W.P. single ram type preventers may be utilized). |
| D | Rotating Head with fill up outlet and extended Bleed 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 | 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. |



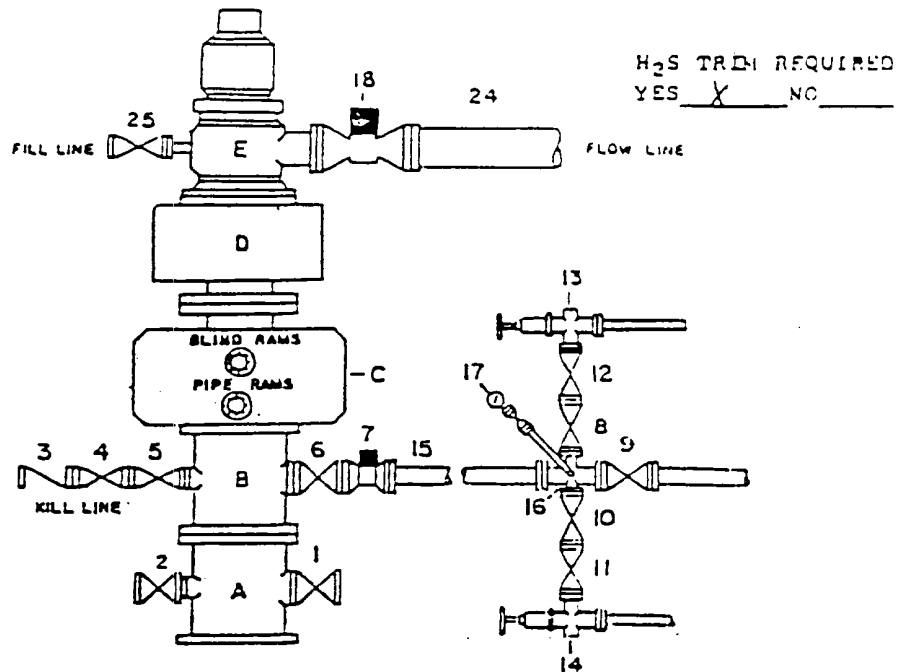
TEXACO, INC.
MIDLAND DIVISION
MIDLAND, TEXAS



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

EXHIBIT C

DRILLING CONTROL
CONDITION IV-B-5000 PSI WP



DRILLING CONTROL

MATERIAL LIST - CONDITION IV - B

- | | |
|----------------------|--|
| A | Texaco Wellhead |
| B | 5000# W.P. drilling spool with a minimum 2" flanged outlet for kill line and 3" 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 bleed 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. |
| 3 | 2" minimum 5000# W.P. back pressure valve. |
| 4,9 | 3" minimum 5000# W.P. flanged full opening steel gate valve, or Halliburton Lo Torc Plug valve. |
| 7 | 3" minimum 5000# W.P. flanged hydraulic valve |
| 15 | 3" minimum Schedule 160, Grade B, seamless line pipe |
| 16 | 2" minimum x 3" 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 | 6" minimum 1000# hydraulic flanged valve. |
| 24 | 8" minimum steel flow line. |
| 25 | 2" minimum 5000# W.P. flanged or threaded full opening steel gate valve, or Halliburton Lo Torc Plug valve. |



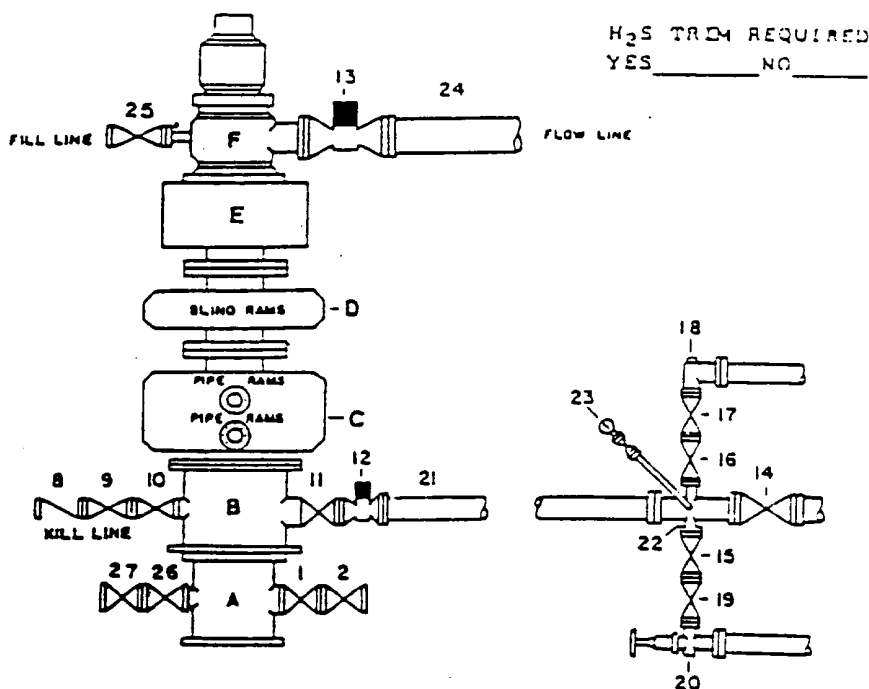
TEXACO, INC
MIDLAND DIVISION
MIDLAND, TEXAS



SCALE	DATE	EST NO	DAQ NO
DRAWN BY			
CHECKED BY			
APPROVED BY			

EXHIBIT F-1

DRILLING CONTROL **CONDITION V-B - 10,000 PSI WP**



DRILLING CONTROL
MATERIAL LIST - CONDITION V-B

A	Texaco Wellhead
B	10,000# W.P. Drilling Spool with a minimum 2" flanged outlet for kill line and 4" minimum flanged outlet for choke line
C	10,000# W.P. Dual Variable Ram Type preventer, hydraulic operated with 1" steel, 5000# W.P. control line
D	10,000# W.P. Single Ram Type preventer, hydraulic operated with 1" steel, 5000# W.P. control lines
E	10,000# W.P. Annular preventer, hydraulic operated with 1" steel, 5000# W.P. control lines
F	When required - Rotating Head with fill up outlet and extended choke line
1,2,9,10,13,16,17,19,26,27	2" minimum 10,000# W.P. flanged full opening steel gate valve, or Halliburton Lo Torc Plug valve
8	2" minimum 10,000# W.P. back pressure valve
11,14	4" minimum 10,000# W.P. flanged full opening steel gate valve
12	4" minimum 10,000# W.P. flanged full opening hydraulic valve
13	When required - 10" minimum 1000# W.P. flanged full opening hydraulic valve
21	4" minimum 10,000# W.P. 4130 mechanical tubing with flanged ends, or equivalent
22	2" minimum X 4" minimum 10,000# W.P. flanged cross
18	2" minimum 10,000# W.P. automatic choke
20	2" minimum 10,000# W.P. adjustable choke equipped with carbide trim
23	Cameron Mud Gauge or equivalent (location in choke line optional)
24	When required - 10" steel flow line
25	2" minimum 1000# 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 G-1



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Jennifer A. Salisbury
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

Dec. 8, 2000

Bureau of Land Management
620 East Green Street
Carlsbad, New Mexico 88220-6292
Attn: Craig Cranston or To Whom It May Concern:
Re: APPLICATION FOR PERMIT TO DRILL IN POTASH AREA

OPERATOR: Texaco Exploration Production Inc.
LEASE NAME: Remuda Basin 24 State #1
LOCATION: SEC. 24, TWP. 23 S RGE. 29 E
FOOTAGE: 750' FSL/1900' FWL

PROPOSED DEPTH: 11,900'



Dear Madam/Sir,
The application for permit to drill identified above has been filed with this office of the New Mexico Oil Conservation Division. Pursuant to the provision of Oil Conservation Division Order R-111-P, please advise this office whether or not this location is within an established Life-of-Mine area filed with and approved by your office. If not, please advise whether it is within the buffer zone established by this order.

Yours truly,

Bryan G. Arrant
District Geologist-Artesia OCD

IN LMR
IN BUFFER ZONE

YES _____
YES _____

NO ☒
NO ☒

COMMENTS _____

Date Reviewed

12-13-2000 *[Signature]* BLM



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

Jennifer A. Salisbury

Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

December 8, 2000

New Mexico State Land Office

P.O. Box 1148

Santa Fe, New Mexico 87405

Attn: Joe Mraz or To Whom It May Concern:

Re: APPLICATION FOR PERMIT TO DRILL IN POTASH AREA

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LEASE NAME: Remuda Basin 24 State #1

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Yours truly,

Bryan G. Arrant

District Geologist-Artesia OCD

IN LMR

YES _____

NO X

IN BUFFER ZONE

YES _____

NO X

Jkmr22 12-11-00

COMMENTS _____

Date Reviewed

Amie Barry 12/11/00