

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
May 27, 2004

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to appropriate District Office

☐ AMENDED REPORT

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

¹ Operator Name and Address XTO Energy Inc.		² OGRID Number 005380
		³ API Number 30 - 025 - 37280
⁴ Property Code 300717	⁵ Property Name Eunice South Monument Unit	⁶ Well No. 658
⁹ Proposed Pool 1 Eunice Monument; Grayburg-Andres		¹⁰ Proposed Pool 2

7 Surface Location

UL or lot no. M 4	Section 3	Township 21-S	Range 36-E	Lot Idn	Feet from the 130	North/South line South	Feet from the 1240	East/West line West	County Lea
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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
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Additional Well Information

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3583'
¹⁶ Multiple No	¹⁷ Proposed Depth 5450'	¹⁸ Formation Grayburg	¹⁹ Contractor N/A	²⁰ Spud Date ASAP
Depth to Groundwater 160'		Distance from nearest fresh water well 1000'+		Distance from nearest surface water 1000'+
Pit: Liner: Synthetic X 12_mils thick Clay <input type="checkbox"/> Pit Volume: 7000_bbls Drilling Method: Closed-Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine X Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

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#	1200'	565 sxs	Surf
7-7/8"	5-1/2"	17#	5450'	660'	Surf

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.

XTO Energy, Inc. proposes to:

Drill 12-1/4" hole to 1200', run 8-5/8" casing and cement with Class "C" to surface.
Drill 7-7/8" hole to 5450', run 5-1/2" casing and cement with Class "C" to surface.

Mud Program: 0' to 1200' 8.4 ppg fresh water.
1200' to 5450' 10.0 ppg brine water.

XTO Energy, Inc. Case IV BOPE

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed name: DeeAnn Kemp

Title: Regulatory

E-mail Address:

Date: 6/6/06

Phone: 432-620-6724

OIL CONSERVATION DIVISION

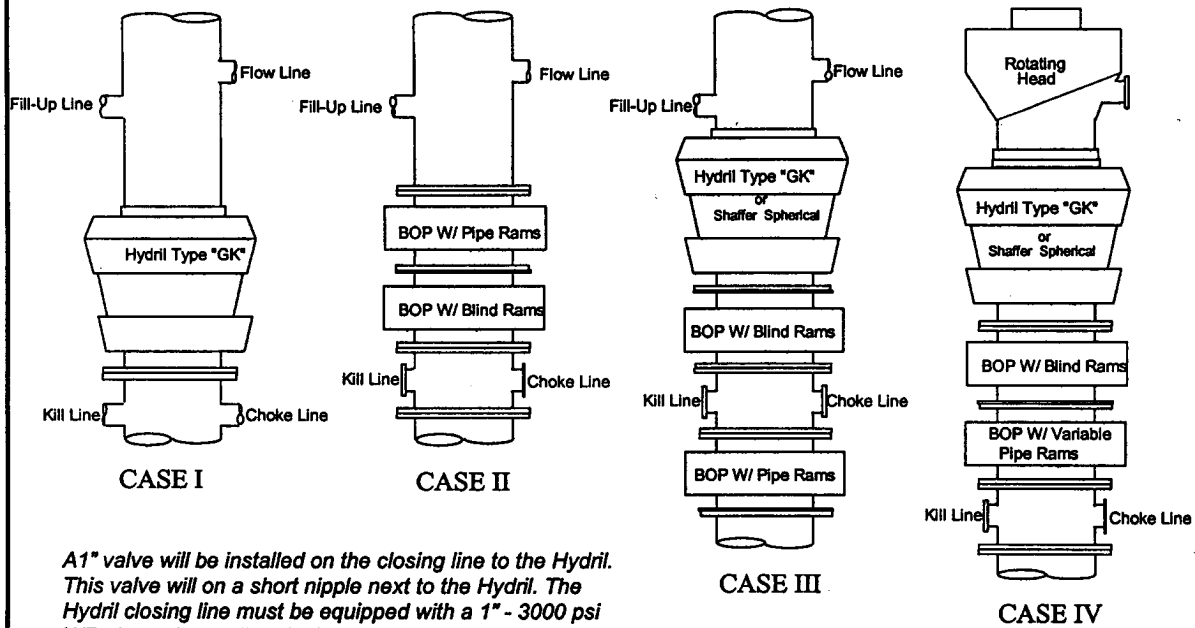
Approved by:

Title:

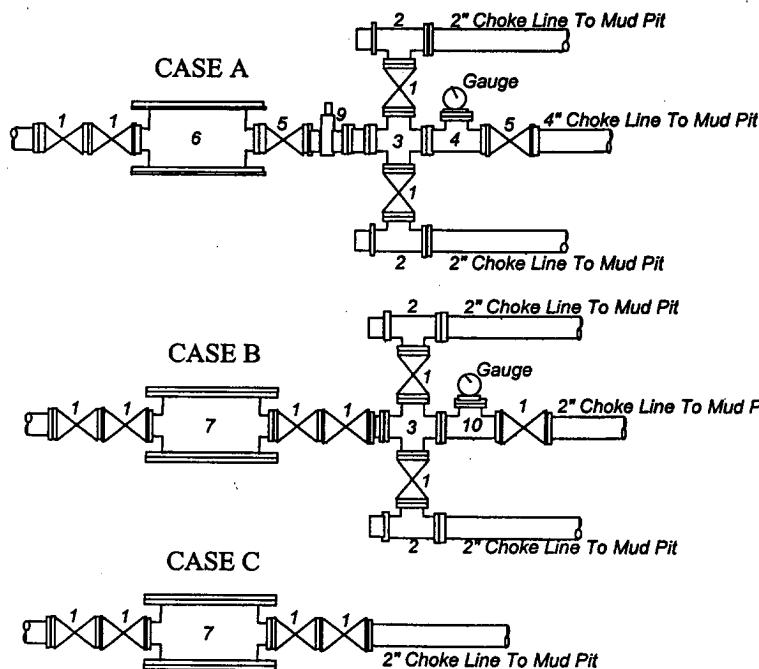
Approval Date: JUN 10 2005 Expiration Date:

Conditions of Approval Attached ☐

MINIMUM BLOWOUT PREVENTER REQUIREMENTS



A1" valve will be installed on the closing line to the Hydril. This valve will be on a short nipple next to the Hydril. The Hydril closing line must be equipped with a 1" - 3000 psi WP plug valve on the nipple into the Hydril.



BOP SIZE	BOP CASE	WORKING PRESSURE	CHOKE CASE
13-5/8"	IV	5000	A

***Rotating head required**

Bradenhead furnished by Conoco will be:
Mfr: **Wood Group**
Description: **13-3/8" x 13-5/8" 3M**
Type: **SOW**

Legend

1. 2" flanged all steel valve must be either Cameron "F", Halliburton Low Torque or Shaffer Flo-Seal.
2. 2" flanged adjustable chokes, min. 1" full opening & equipped with hard trim.
3. 4" x 2" flanged steel cross.
4. 4" flanged steel tee.
5. 4" flanged all steel valve (Type as in no. 1).
6. Drilling Spool with 2" x 4" flanged outlet.
7. Drilling Spool with 2" x 2" flanged outlet.
8. 2" x 2" flanged steel cross.
9. 4" pressure operated gate valve.
10. 2" flanged steel tee.

Notes

Choke manifold may be located in any convenient position. Use all steel fittings throughout. Make 90° turns with bull plugged tees only. No field welding will be permitted on any of the components of the choke manifold and related equipment upstream of the chokes. The choke spool and all lines and fittings must be at least equivalent to the test pressure of the preventers required. Independent closing control unit with clearly marked controls to be located on derrick floor near driller's position.

DISTRICT I
1625 N. FRENCH DR., ROBES, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department

DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 88210

OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
Revised JUNE 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-37280	Pool Code 23000	Pool Name Eunice Monument; Grayburg; San Andres
Property Code 300717	Property Name EMSU	Well Number 658
OGRID No. 005380	Operator Name XTO ENERGY, INC.	Elevation 3583'

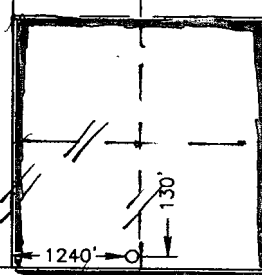
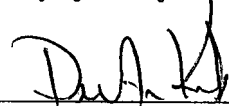
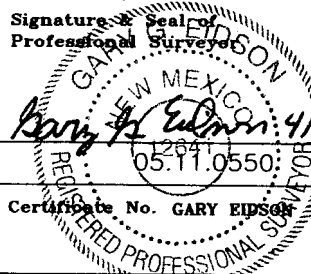
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	3	21-S	36-E		130	SOUTH	1240	WEST	LEA

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
Dedicated Acres 40	Joint or Infill N	Consolidation Code	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

<table><tr><td>LOT 4</td><td>LOT 3</td><td>LOT 2</td><td>LOT 1</td></tr><tr><td>37.89 AC</td><td>37.70 AC</td><td>37.52 AC</td><td>37.33 AC</td></tr><tr><td>LOT 5</td><td>LOT 6</td><td>LOT 7</td><td>LOT 8</td></tr><tr><td>LOT 12</td><td>LOT 11</td><td>LOT 10</td><td>LOT 9</td></tr><tr><td>LOT 13</td><td>LOT 14</td><td>LOT 15</td><td>LOT 16</td></tr></table> 	LOT 4	LOT 3	LOT 2	LOT 1	37.89 AC	37.70 AC	37.52 AC	37.33 AC	LOT 5	LOT 6	LOT 7	LOT 8	LOT 12	LOT 11	LOT 10	LOT 9	LOT 13	LOT 14	LOT 15	LOT 16	<p>GEODETIC COORDINATES NAD 27 NME</p> <p>Y=547617.8 N X=831758.1 E</p> <p>LAT.=32°30'03.27" N LONG.=103°15'26.15" W</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p> Signature <u>DeeAnn Kemp</u> Printed Name <u>Regulatory</u> Title <u>6/6/05</u> Date</p> <p>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 belief.</p> <p>APRIL 12, 2005</p> <p>Date Surveyed Signature & Seal of Professional Surveyor  Certification No. GARY EDSON 12641</p>
LOT 4	LOT 3	LOT 2	LOT 1																			
37.89 AC	37.70 AC	37.52 AC	37.33 AC																			
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SCALE: 1" = 2000'

