

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires March 31, 2007

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. <b>SF-046563</b>
1b. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name <b>N/A</b>
2. Name of Operator <b>XTO Energy Inc.</b>		7. Unit or CA Agreement Name and No. <b>N/A</b>
3a. Address <b>2700 Farmington Ave., Bldg. K, Ste 1 Farmington, NM</b>		8. Lease Name and Well No. <b>KUTZ FEDERAL #16</b>
3b. Phone No. (include area code) <b>505-324-1090</b>		9. API Well No. <b>30-045-33038</b>
4. Location of Well (Report location clearly and in accordance with any State requirements)* At surface <b>2175' FSL x 845' FWL in Sec 33, T28N, R10W</b> At proposed prod. zone <b>SAME</b>		10. Field and Pool, or Exploratory <b>DAKOTA/CHACRA</b>
14. Distance in miles and direction from nearest town or post office* <b>Approx 8 air miles southeast of Bloomfield, NM Post Office</b>		11. Sec., T., R., M., or Blk. and Survey or Area <b>L S33, T28N, R10W</b>
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drg. unit line, if any) <b>845'</b>	16. No. of Acres in lease <b>2522.06</b>	12. County or Parish <b>San Juan</b>
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. <b>585'</b>	19. Proposed Depth <b>6935'</b>	13. State <b>NM</b>
21. Elevations (Show whether DF, KDB, RT, GL, etc.) <b>6083' Ground Elevation</b>	22. Approximate date work will start* <b>summer 2005</b>	17. Spacing Unit dedicated to this well <b>320 W/2, 160 SW/4</b>
20. BLM/BIA Bond No. on file		23. Estimated duration <b>2 weeks</b>

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- |   |  |
|---|--|
| 1. Well plat certified by a registered surveyor.  | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).    |
| 2. A Drilling Plan  | 5. Operator certification.   |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature <i>Kyla Vaughan</i>	Name (Printed/Typed) <b>Kyla Vaughan</b>	Date <b>04/22/05</b>
Title <b>Regulatory Compliance Tech</b>		
Approved by (Signature) <i>[Signature]</i>	Name (Printed/Typed) <b>[Blank]</b>	Date <b>6-14-05</b>
Title <b>ATM</b>	Office <b>PFO</b>	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on page 2) This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED  
"GENERAL REQUIREMENTS".

**APD/ROW**

NMOC

RECEIVED  
OFFICE OF FARMINGTON ILM

2005 APR 26 PM 4 39

DISTRICT I  
1625 N. French Dr., Hobbs, N.M. 88240

DISTRICT II  
1301 W. Grand Ave., Artesia, N.M. 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV  
1220 South St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102

Revised June 10, 2003

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number 30-045-33038		<sup>2</sup> Pool Code 71599	<sup>3</sup> Pool Name Basin Dakota
<sup>4</sup> Property Code 22756	<sup>5</sup> Property Name KUTZ FEDERAL		<sup>6</sup> Well Number 16
<sup>7</sup> QGRD No. 1167067	<sup>8</sup> Operator Name XTO ENERGY INC.		<sup>9</sup> Elevation 6083

**10 Surface Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	33	28-N	10-W		2175	SOUTH	845	WEST	SAN JUAN

**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	County
<sup>12</sup> Dedicated Acres 320 W/2			<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> 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

<p>16</p> <p>17</p> <p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><u>Heely H Small</u> Signature <u>Heely H Small</u> Printed Name <u>Drilling Assistant</u> Title <u>4/15/05</u> Date</p> <p>18</p> <p><b>SURVEYOR CERTIFICATION</b></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><u>[Signature]</u> Signature 14831 Certificate Number</p>
--

DISTRICT I  
1625 N. French Dr., Hobbs, N.M. 88240

DISTRICT II  
1301 W. Grand Ave., Artesia, N.M. 80210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV  
1220 South St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-33038		*Pool Code 82329	*Pool Name Otero Chacra
*Property Code 22756	*Property Name KUTZ FEDERAL		*Well Number 16
*OGRID No. 167067	*Operator Name XTO ENERGY INC.		*Elevation 6083

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	33	28-N	10-W		2175	SOUTH	845	WEST	SAN JUAN

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	County
*Dedicated Acres 7/60 SW/4			*Joint or Infill		*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

<p>16</p> <p>QTR. CORNER FD 3 1/2" BC U.S.G.L.O. 1913</p> <p>845'</p> <p>2175'</p> <p>N 00-06-41 E 2640.3' (M)</p> <p>33</p> <p>LAT: 36°37'03" N. (NAD 27) LONG: 107°54'23" W. (NAD 27)</p> <p>CALC'D CORNER</p> <p>W.C. FOR QTR. CORNER FD 2 1/2" BC U.S.G.L.O. 1913 13.2' EAST OF CORNER POSITION</p> <p>S 89-53-44 E 2638.9' (M)</p>	<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><u>Deely H Small</u> Signature <u>Deely H Small</u> Printed Name <u>Drilling Assistant</u> Title <u>4/15/05</u> Date</p> <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 belief.</p> <p>Date of Survey Signature of Surveyor Professional Seal Certificate Number</p>
---	--

Submit 3 Copies To Appropriate District Office  
District I  
1625 N. French Dr., Hobbs, NM 87240  
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1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-103  
May 27, 2004

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO.
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator XTO Energy Inc.		6. State Oil & Gas Lease No. SF-046563
3. Address of Operator 2700 Farmington Ave., Bldg. K, Ste 1 Farmington, NM 87401		7. Lease Name or Unit Agreement Name: KUTZ FEDERAL
4. Well Location Unit Letter <u>L</u> : <u>2175</u> feet from the <u>SOUTH</u> line and <u>845</u> feet from the <u>WEST</u> line Section <u>33</u> Township <u>28N</u> Range <u>10W</u> NMPM <u>NMPM</u> County <u>SAN JUAN</u>		8. Well Number #16
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6083' GL		9. OGRID Number 167067
Pit or Below-grade Tank Application <input checked="" type="checkbox"/> or Closure <input type="checkbox"/> Pit type <u>DRILL</u> Depth to Groundwater <u>&gt;100</u> Distance from nearest fresh water well <u>1 MILE</u> Distance from nearest surface water <u>1 MILE</u> Pit Liner Thickness: <u>12</u> mil Below-Grade Tank: Volume _____ bbls; Construction Material _____		10. Pool name or Wildcat BASIN DAKOTA/OTERO CHACRA

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: DRILLING PIT <input checked="" type="checkbox"/>		OTHER: <input type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

XTO Energy Inc. proposes to install a pit on location for drilling. The pit will be removed from location in accordance with New Mexico Oil Conservation division guidelines when work is completed.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐

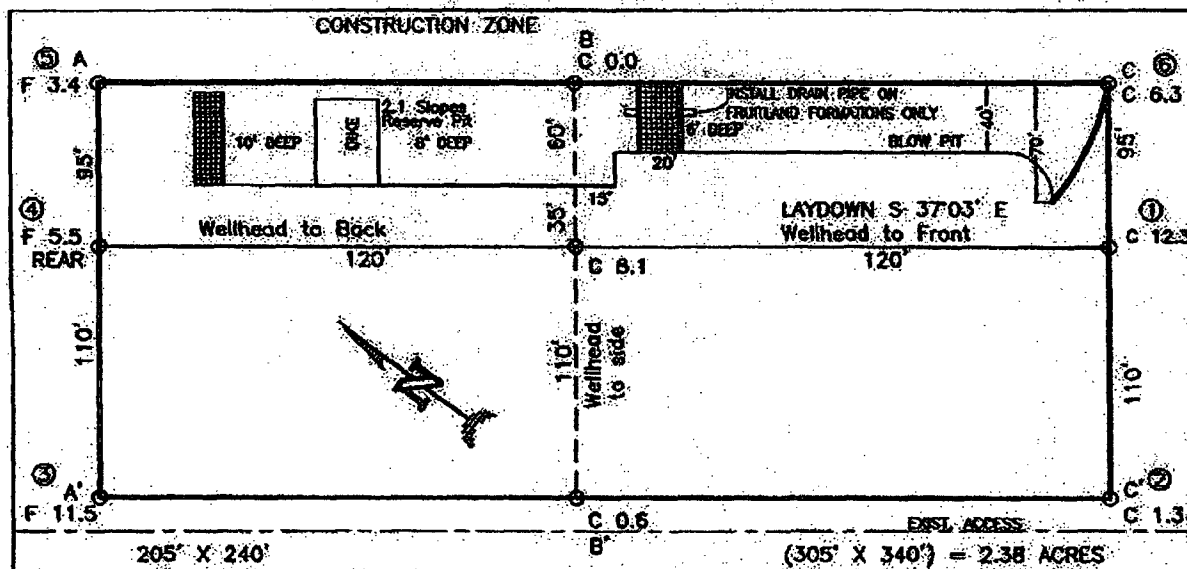
SIGNATURE Kyla Vaughan TITLE Regulatory Compliance Tech DATE 04/22/05  
Type or print name Kyla Vaughan E-mail address: kyla\_v Vaughan@ctoenergy.com Telephone No. 505-564-6726

For State Use Only  
APPROVED BY [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 98 DATE JUN 16 2005  
Conditions of Approval, if any:

EXHIBIT D

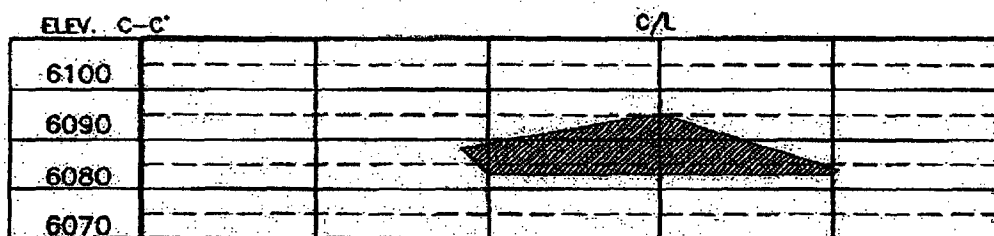
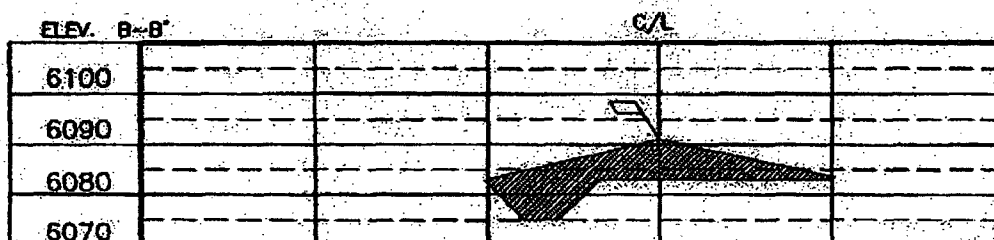
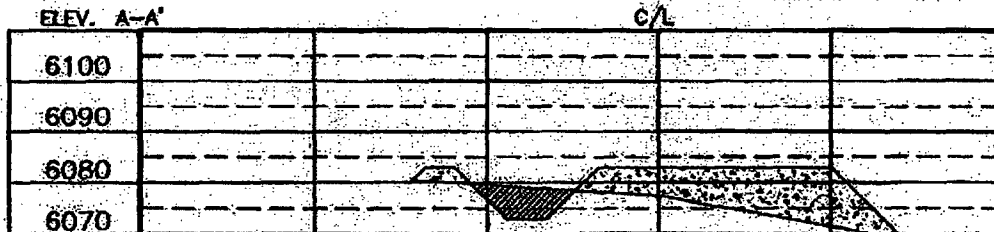
XTO ENERGY INC.  
 KUTZ FEDERAL No.16, 2175' FSL 845' FWL  
 SECTION 33, T28N, R10W, N.M.P.M., SAN JUAN COUNTY, N. M.  
 GROUND ELEVATION: 6083', DATE: MARCH 8, 2004

LAT. = 36°37'03" N.  
 LONG. = 107°54'23" W  
 NAD 27



RESERVE PIT DIKE: TO BE 8" ABOVE DEEP SIDE (OVERFLOW - 3' WIDE AND 1' ABOVE SHALLOW SIDE).  
 BLOW PIT: OVERFLOW PIPE HALFWAY BETWEEN TOP AND BOTTOM AND TO EXTEND OVER PLASTIC LINER AND INTO BLOW PIT.

NOTE: DAGGETT ENTERPRISES, INC. IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES. NEW MEXICO ONE-CALL TO BE ACQUIRED 48 HOURS PRIOR TO EXCAVATION OR CONSTRUCTION.



NOTE: CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED PIPELINES OR CABLES ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.

Daggett Enterprises, Inc.  
 Surveying and Oil Field Services  
 P. O. Box 15555 • Fort Worth, TX 76141  
 Phone (800) 338-1772 • Fax (800) 338-6819  
 NEW MEXICO L.S. No. 14531



EXHIBIT E

# XTO ENERGY INC.

Kutz Federal #16

APD Data

April 22, 2005

Location: 2,175' FSL x 845' FWL Sec 33, T28N, R10W County: San Juan

State: New Mexico

GREATEST PROJECTED TD: 6,935'  
APPROX GR ELEV: 6,083'

OBJECTIVE: Basin Dakota  
Est KB ELEV: 6,095' (12' AGL)

## 1. MUD PROGRAM:

INTERVAL	0' to 360'	360' to 4,000'	4,500' to TD
HOLE SIZE	12-1/4"	7-7/8"	7-7/8"
MUD TYPE	FW/Spud Mud	FW/Polymer	LSND / Gel Chemical
WEIGHT	8.6-9.0	8.4-8.8	8.6-9.0
VISCOSITY	28-32	28-32	45-60
WATER LOSS	NC	NC	8-10

Remarks: Use fibrous materials as needed to control seepage and lost circulation. Pump high viscosity sweeps as needed for hole cleaning. Raise viscosity at TD for logging. Reduce viscosity after logging for cementing purposes.

## 2. CASING PROGRAM:

Surface Casing: 8-5/8" casing to be set at  $\pm 360'$  in a 12-1/4" hole filled with 8.8 ppg mud

Interval	Length	Wt	Gr	Cplg	Coll Rating (psi)	Burst Rating (psi)	Jt Str (M-lbs)	ID (in)	Drift (in)	SF Coll	SF Burst	SF Ten
0'-360'	360'	24.0#	J-55	STC	1370	2950	244	8.097	7.972	7.32	7.95	29.39

Production Casing: 5-1/2" casing to be set at TD ( $\pm 6,935'$ ) in 7-7/8" hole filled with 9.0 ppg mud.

Interval	Length	Wt	Gr	Cplg	Coll Rating (psi)	Burst Rating (psi)	Jt Str (M-lbs)	ID (in)	Drift (in)	SF Coll	SF Burst	SF Ten
0'-TD	6,935'	15.5#	J-55	STC	4040	4810	222	4.950	4.825	1.22	1.45	2.02

202

## 3. WELLHEAD:

- Casing Head: Larkin Fig 92 (or equivalent), 9" nominal, 2,000 psig WP (4,000 psig test) with 8-5/8" 8rnd thread on bottom and 11-3/4" 8rnd thread on top.
- Tubing Head: Larkin Fig 612 (or equivalent), 6.456" nominal, 2,000 psig WP (4,000 psig test), 5-1/2" 8rnd female thread on bottom, 8-5/8" 8rnd thread on top.

EXHIBIT F

**4. CEMENT PROGRAM (Slurry design may change slightly, but the plan is to circulate cement to surface on both casing strings):**

A. Surface: 8-5/8", 24#, J-55, STC casing to be set at  $\pm 360'$  in 12-1/4" hole.

210 sx of Type III cement (or equivalent) typically containing accelerator and LCM, mixed at 14.5 ppg, 1.39 ft<sup>3</sup>/sk, & 6.70 gal wtr/sk.

*Total slurry volume is 297 ft<sup>3</sup>, 100% excess of calculated annular volume to 360'.*

B. Production: 5-1/2", 15.5#, J-55 (or K-55), STC casing to be set at  $\pm 6,935'$  in 7-7/8" hole. DV Tool set @  $\pm 4,000'$

1<sup>st</sup> Stage

LEAD:

225 sx of Premium Lite HS (Type III/Poz/Gel) with additives (dispersants, fluid loss, LCM) mixed at 12.5 ppg, 2.01 ft<sup>3</sup>/sk, 10.55 gal wtr/sx.

TAIL:

150 sx Type III with additives (bonding additive, dispersant, fluid loss, LCM) mixed at 14.2 ppg, 1.54 cuft/sx, 8.00 gal/sx.

2<sup>nd</sup> Stage

LEAD:

375 sx of Type III with additives (gel, LCM) mixed at 11.9 ppg, 2.54 ft<sup>3</sup>/sk, 15.00 gal wtr/sx.

TAIL:

100 sx Type III neat mixed at 14.5 ppg, 1.39 cuft/sx, 6.3 gal/sx.

*Total estimated slurry volume for the 5-1/2" production casing is 1,775 ft<sup>3</sup>.*

*Note: The slurry design may change slightly based upon actual conditions. Final cement volumes will be determined from the caliper logs plus 40%. It will be attempted to circulate cement to the surface.*

**5. LOGGING PROGRAM:**

A. Mud Logger: The mud logger will come on at 5,500' and will remain on the hole until TD. The mud will be logged in 10' intervals.

B. Open Hole Logs as follows: Run Array Induction/SFL/GR/SP fr/TD (6,730') to the bottom of the surface csg. Run Neutron/Lithodensity/Pe/GR/Cal from TD (6,730') to the bottom of the surface casing.

6. FORMATION TOPS:

Est. KB Elevation: 6,095'

Formation	Subsea Depth	Well Depth
Ojo Alamo SS	+5136'	959'
Kirtland Shale	+4982'	1113'
Farmington SS		
Fruitland Formation	+4542'	1553'
Lower Fruitland Coal	+4109'	1986'
Pictured Cliffs SS	+4089'	2006'
Lewis Shale	+3915'	2180'
Chacra	+3150'	2945'
Cliffhouse SS	+2522'	3573'
Menefee	+2427'	3668'
Point Lookout SS	+1755'	4340'
Mancos Shale	+1388'	4707'
Gallup SS	+529'	5566'
Greenhorn Limestone	-259'	6354'
Graneros Shale	-324'	6419'
1 <sup>st</sup> Dakota SS	-354'	6449'
2 <sup>nd</sup> Dakota SS	-379'	6474'
3 <sup>rd</sup> Dakota SS	-436'	6531'
4 <sup>th</sup> Dakota SS	-505'	6600'
5 <sup>th</sup> Dakota SS	-540'	6635'
6 <sup>th</sup> Dakota SS	-584'	6679'
Burro Canyon SS	-605'	6700'
Morrison Shale	-641'	6736'
Project TD	-840'	6935'

ABHPW 2520psi

7. COMPANY PERSONNEL:

Name	Title	Office Phone	Home Phone
Jeff Patton	Drilling Engineer	505-324-1090	505-632-7882
Dennis Elrod	Drilling foreman	505-486-6460	505-326-2024
Randy Hosey	Project Geologist	817-885-2398	817-427-2475
Barry Voigt	Reservoir Engineer	817-885-2462	817-540-2092

JWP  
4/22/05

EXHIBIT F



# BOP SCHEMATIC FOR DRILLING OPERATIONS CLASS 1 (2M) NORMAL PRESSURE

## TESTING PROCEDURE

### 1. Test BOP after installation:

Pressure test BOP to 200-300  
psig (low pressure) for 5 min.

Test BOP to Working Press or  
to 70% internal yield of surf csg  
(10 min) or which ever is less.

### 2. Test operation of (both) rams on every trip.

### 3. Check and record Accumulator pressure on every tour.

### 4. Re-pressure test BOP stack after changing out rams.

### 5. Have kelly cock valve with handle available.

### 6. Have safety valve and subs to fit all sizes of drill string on the rig floor and ready to go.

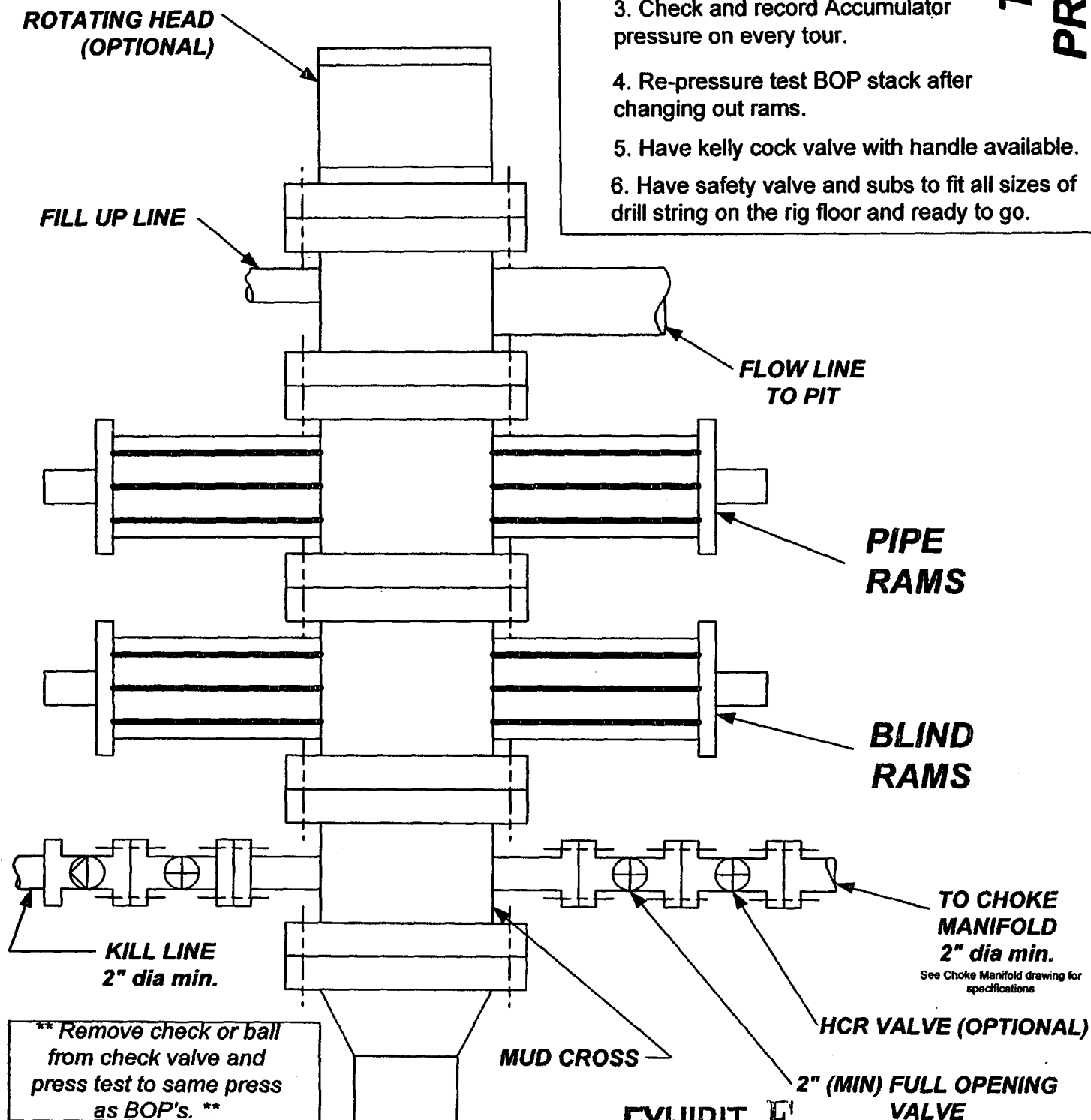
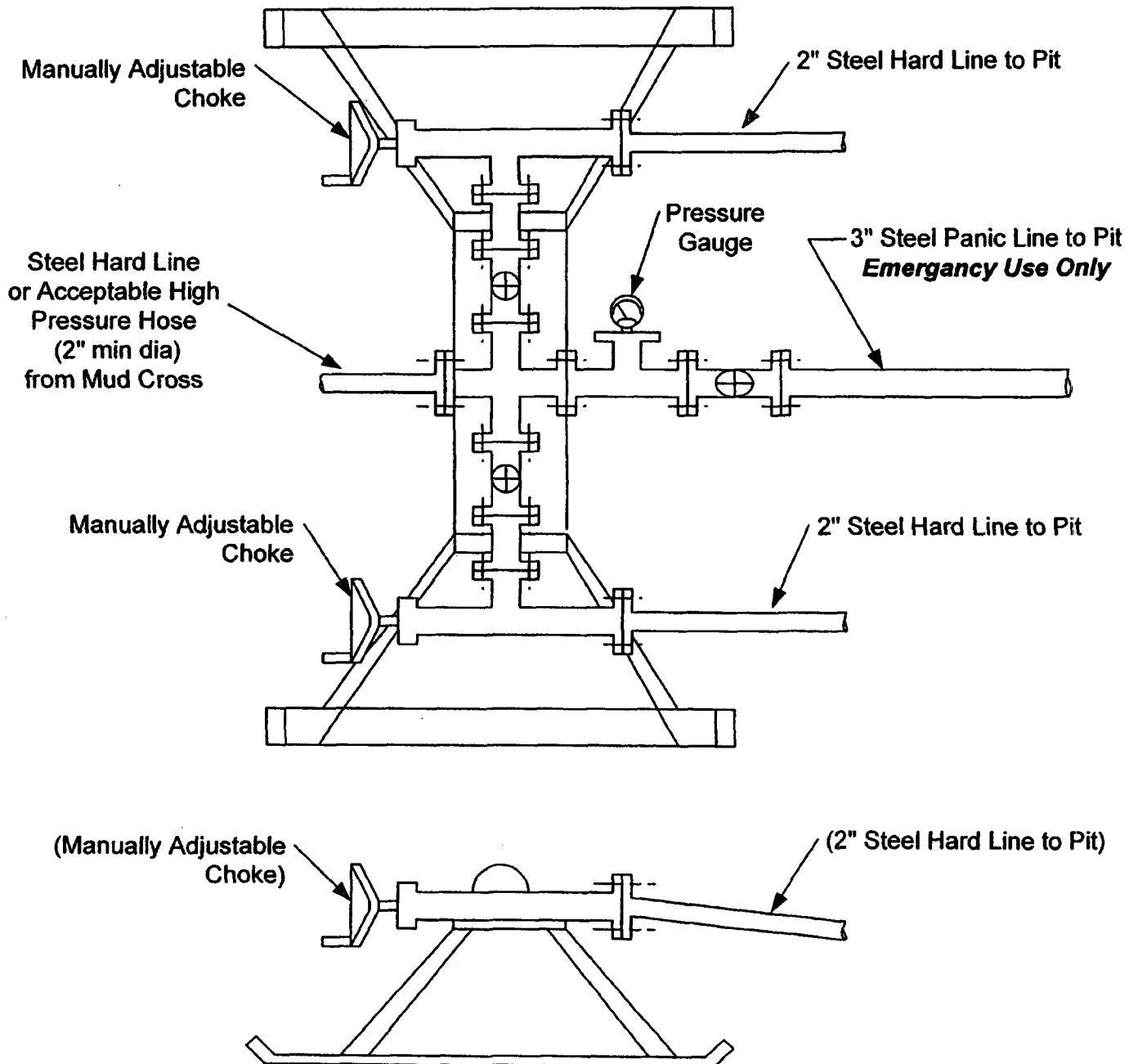


EXHIBIT F

# **CHOKE MANIFOLD SCHEMATIC FOR DRILLING OPERATIONS CLASS 1 (2M) NORMAL PRESSURE**

1. Stake all lines from choke manifold to pit.
2. Pressure test choke manifold after installation.
3. Pressure test manifold at the same time with the BOP Stack. Test manifold to the same test pressures.

## **TESTING PROCEDURE**



**EXHIBIT F**

Submit 3 Copies To Appropriate District Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., 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-103  
May 27, 2004

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO.  
30-045-33038  
5. Indicate Type of Lease  
STATE ☐ FEE ☐  
6. State Oil & Gas Lease No.  
SF046563

SUNDRY NOTICES AND REPORTS ON WELLS  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other

2. Name of Operator  
XTO ENERGY INC.

3. Address of Operator  
2700 FARMINGTON AVE, SUITE K-1, FARMINGTON, NM 87401

4. Well Location

Unit Letter L : 2175' feet from the South line and 845' feet from the West line  
Section 33 Township 28N Range 10W NMPM San Juan County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
6083' GL

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type \_\_\_\_\_ Depth to Groundwater \_\_\_\_\_ Distance from nearest fresh water well \_\_\_\_\_ Distance from nearest surface water \_\_\_\_\_

Pit Liner Thickness: \_\_\_\_\_ mil Below-Grade Tank: Volume \_\_\_\_\_ bbls; Construction Material \_\_\_\_\_

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: Downhole Commingle ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

XTO Energy Inc. requests approval for an exception to Rule 303-C to permit DH trim mingle of Production from the Basin Dakota (71599), Basin Mancos (97232) & Otero Chacra (82329) in Kutz Federal #16.. XTO Energy, Inc plans to downhole trim mingle these pools upon completion of this well.

Allocations are based upon a 9 section EUR and are calculated as follows:

Basin Dakota:	Gas 85%	Oil 81%
Basin Mancos	Gas 5%	Oil 19%
Otero Chacra	Gas 10%	Oil 0%

Working interest, net royalty interest and overriding interest owners have been notified by certified, return receipt mail on July 13<sup>th</sup>, 2005. The BLM has been notified with form 3160-5 of our intent to DH Trim mingling. Downhole trim mingle will offer an economical method of production while protecting against reservoir damage, waste of reserves and violation of correlative rights.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOC guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Melissa M Osborne TITLE Regulatory Compliance Tech DATE 07/13/2005  
Type or print name Melissa M Osborne E-mail address: Regulatory@xtoenergy.com Telephone No. 505-566-7925  
For State Use Only

APPROVED BY: [Signature]  
Conditions of Approval (if any):

DEPUTY OIL & GAS INSPECTOR, DIST. IV DATE JUL 15 2005

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

State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number 30-045-33038		<sup>2</sup> Pool Code 71559/9732/82329		<sup>3</sup> Pool Name Basin Dakota/Basin Mancos/Otero Chacra	
<sup>4</sup> Property Code 22756		<sup>5</sup> Property Name Kutz Federal			<sup>6</sup> Well Number 16
<sup>7</sup> OGRID No. 167037		<sup>8</sup> Operator Name XTO Energy Inc.			<sup>9</sup> Elevation 6083' GL

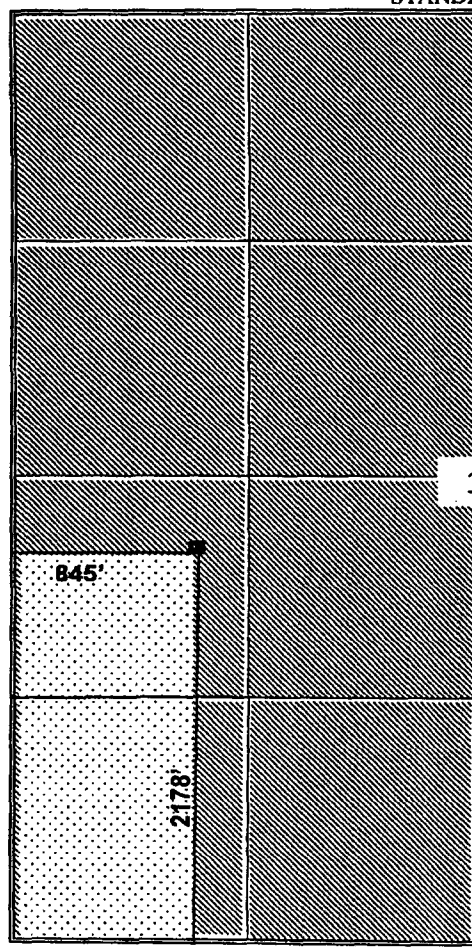
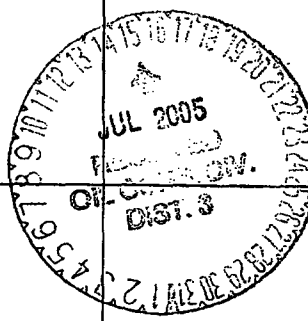
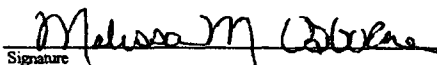
<sup>10</sup> Surface Location

UL or lot no. <b>L</b>	Section <b>33</b>	Township <b>28N</b>	Range <b>10W</b>	Lot Idn	Feet from the <b>2175'</b>	North/South line <b>South</b>	Feet from the <b>845'</b>	East/West line <b>West</b>	County <b>San Juan</b>
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<sup>11</sup> 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
<sup>12</sup> Dedicated Acres DK W/2 320 ac MA/CH SW/4160 ac		<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> 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

		<sup>17</sup> OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature	
		Melissa M. Osborne Printed Name	
		Regulatory Compliance Tech Title and E-mail Address	
		April 20th, 2004 Date	
		<sup>18</sup> SURVEYOR CERTIFICATION <i>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.</i> August 30th, 2004	
		Date of Survey	
		Signature and Seal of Professional Surveyor:  John A. Vukonch	
		Certificate Number 14831	

District I  
1625 N. French Drive, Hobbs, NM 88240

District II  
1301 W. Grand Avenue, Artesia, NM 88210

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District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107A  
Revised June 10, 2003

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

APPLICATION TYPE  
☒ Single Well  
\_\_\_\_ Establish Pre-Approved Pools  
EXISTING WELLBORE  
\_\_\_\_ Yes ☒ No

APPLICATION FOR DOWNHOLE COMMINGLING

XTO Energy Inc.

2700 Farmington Ave, Suite K-1

Farmington, NM 87401

Operator  
Kutz Federal

#16

Address  
L Sec 33, T28N-R10W

San Juan County

Lease

Well No.

Unit Letter-Section-Township-Range

County

OGRID No. 167037 Property Code 22756 API No 30-045-33038 Lease Type ☒ Federal \_\_\_\_ State \_\_\_\_ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Otero Chacra	Basin Mancos	Basin Dakota
Pool Code	82329	97232	71599
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2,180' 2,945'	4,340' 4,707'	6,419' 6,679'
Method of Production (Flowing or Artificial Lift)			
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)			
Oil Gravity or Gas BTU (Degree API or Gas BTU)			
Producing, Shut-In or New Zone	New Zone	New Zone	New Zone
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: Rates:	Date: Rates:	Date: Rates:
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas 0% - 10%	Oil Gas 19% - 5%	Oil Gas 81% - 85%

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones?

Yes \_\_\_\_ No ☒

If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?

Yes ☒ No \_\_\_\_

Are all produced fluids from all commingled zones compatible with each other?

Yes ☒ No \_\_\_\_

Will commingling decrease the value of production?

Yes \_\_\_\_ No ☒

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application?

Yes ☒ No \_\_\_\_

NMOCD Reference Case No. applicable to this well: \_\_\_\_\_

Attachments:

- C-102 for each zone to be commingling showing its spacing unit and acreage dedication.
- Production curve for each zone for at least one year. (If not available, attach explanation.)
- For zones with no production history, estimated production rates and supporting data.
- Data to support allocation method or formula.
- Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
- Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

- List of other orders approving downhole commingling within the proposed Pre-Approved Pools
- List of all operators within the proposed Pre-Approved Pools
- Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
- Bottomhole pressure data.

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

SIGNATURE Melissa M Osborne TITLE Regulatory Compliance Tech DATE July 13, 2005

TYPE OR PRINT NAME Melissa M Osborne TELEPHONE NO. (505) 566-7925

E-MAIL ADDRESS \_\_\_\_\_

FEDERAL A	1 BP AMERICA PRODUCTION COMPANY	32 K	28N 10W GALLUP	7	158	0	7	158
KUTZ DEEP GAS COM D	1E XTO ENERGY INCORPORATED	27 I	28N 10W CHACRA	0	100	3	0	369
KUTZ FEDERAL C	1 XTO ENERGY INCORPORATED	27 G	28N 10W CHACRA	0	193	1	0	310
Average							0	340
MARTIN C FEDERAL	1 XTO ENERGY INCORPORATED	3	27N 10W DAKOTA	88	5,316	3	88	5,736
MARTIN C FEDERAL	1E XTO ENERGY INCORPORATED	3 P	27N 10W DAKOTA	0	83	1	2	888
R P HARGRAVE J	1 XTO ENERGY INCORPORATED	3 N	27N 10W DAKOTA	64	3,068	4	64	3,383
R P HARGRAVE J	1E XTO ENERGY INCORPORATED	3 F	27N 10W DAKOTA	8	1,073	14	9	1,540
HARGRAVE FEDERAL	1 TENNECO OIL COMPANY	4 C	27N 10W DAKOTA	26	1,076	0	26	1,076
FEDERAL F	2 XTO ENERGY INCORPORATED	4 H	27N 10W DAKOTA	85	5,887	4	85	6,707
FEDERAL F	2E XTO ENERGY INCORPORATED	4 O	27N 10W DAKOTA	1	174	2	3	653
R P HARGRAVE L	1 XTO ENERGY INCORPORATED	4 M	27N 10W DAKOTA	30	2,738	2	30	3,193
R P HARGRAVE L	1E XTO ENERGY INCORPORATED	4	27N 10W DAKOTA	7	1,014	3	8	1,355
C A MCADAMS C	1 XTO ENERGY INCORPORATED	5 P	27N 10W DAKOTA	34	2,214	3	35	2,559
C A MCADAMS C	2 XTO ENERGY INCORPORATED	5 K	27N 10W DAKOTA	19	2,554	4	3	597
C A MCADAMS C	1E XTO ENERGY INCORPORATED	5	27N 10W DAKOTA	10	1,143	3	11	1,383
C A MCADAMS C	2E XTO ENERGY INCORPORATED	5 F	27N 10W DAKOTA	8	830	4	10	1,013
FEDERAL GAS COM	2 XTO ENERGY INCORPORATED	27 M	28N 10W DAKOTA	89	8,636	8	89	9,565
FEDERAL GAS COM	2E XTO ENERGY INCORPORATED	27 F	28N 10W DAKOTA	0	119	6	0	459
KUTZ DEEP GAS COM D	1 XTO ENERGY INCORPORATED	27 A	28N 10W DAKOTA	47	3,662	2	47	3,988
KUTZ DEEP GAS COM D	1E XTO ENERGY INCORPORATED	27 I	28N 10W DAKOTA	4	601	2	5	671
DAVIDSON GAS COM F	1 XTO ENERGY INCORPORATED	28 M	28N 10W DAKOTA	46	3,502	2	47	3,853
DAVIDSON GAS COM F	1E XTO ENERGY INCORPORATED	28 F	28N 10W DAKOTA	6	919	1	6	1,255
FEDERAL GAS COM	1 XTO ENERGY INCORPORATED	28 A	28N 10W DAKOTA	44	4,259	4	46	4,633
FEDERAL GAS COM	1E XTO ENERGY INCORPORATED	28 J	28N 10W DAKOTA	1	252	7	3	920
HUBBELL A	1 BURLINGTON RESOURCES O&G CO LP	29 B	28N 10W DAKOTA	33	4,178	1	34	4,250
HUBBELL A	1 XTO ENERGY INCORPORATED	29 F	28N 10W DAKOTA	8	903	1	9	1,119
HUBBELL GAS COM C	1 XTO ENERGY INCORPORATED	28 N	28N 10W DAKOTA	48	5,423	2	49	5,863
HUBBELL GAS COM C	1E XTO ENERGY INCORPORATED	29 I	28N 10W DAKOTA	11	1,411	3	13	1,788
FEDERAL A	1 XTO ENERGY INCORPORATED	32 K	28N 10W DAKOTA	42	4,682	3	43	5,028
FEDERAL A	1E XTO ENERGY INCORPORATED	32 E	28N 10W DAKOTA	0	227	2	1	689
FRED FEASEL L	1 XTO ENERGY INCORPORATED	32 H	28N 10W DAKOTA	48	4,945	4	50	5,341
FRED FEASEL L	1E XTO ENERGY INCORPORATED	32 I	28N 10W DAKOTA	6	1,115	4	8	1,575
FRED FEASEL H	1 XTO ENERGY INCORPORATED	33 H	28N 10W DAKOTA	37	3,874	4	39	4,149
FRED FEASEL H	1E XTO ENERGY INCORPORATED	33 O	28N 10W DAKOTA	8	1,172	8	9	1,532
KUTZ FEDERAL	13E XTO ENERGY INCORPORATED	33 C	28N 10W DAKOTA	27	1,139	1	28	2,715
KUTZ FEDERAL	2E CONOCO INCORPORATED	33 E	28N 10W DAKOTA	0	139	6	4	843
MCLEOD	2 CONOCOPHILLIPS COMPANY	34 E	28N 10W DAKOTA	2	467	143	2	467
FRED FEASEL J	1 XTO ENERGY INCORPORATED	34 L	28N 10W DAKOTA	85	6,886	18	87	7,209
FRED FEASEL J	1E XTO ENERGY INCORPORATED	34 G	28N 10W DAKOTA	76	4,260	3	76	4,607
Average		34 O	28N 10W DAKOTA	8	1,014	4	8	1,272
							29	2,808

Allocation:	Oil	Gas
Chacra	0%	10%
Gallup/Mancos	19%	5%
Dakota	81%	85%

## **Kutz Federal #16**

BLM  
1235 La Plata Hwy, Ste A  
Farmington, NM 87401

Miriam I. Findley  
6511 North County Road #3  
Fostoria, OH 44830

B.B.L., Ltd.  
P.O. Box 911  
Breckenridge, TX 76424-0911

William L. Floyd, Jr.  
16 East 77th Street Apt. 5A  
New York, NY 10021

Rita Treasa Floyd  
C/O Comerica Bank -TX Trustee  
Attn: John W. Lowrie  
P.O. Box 4167 (Mail Code 6605)  
Houston, TX 77210-4167

Leon M. Ducharme Marital Trust  
Rita Mae Ducharme & Joyce J.  
Neville, Co-Trustees  
2617 S. Wadsworth Circle  
Lakewood, CO 80227-3220

Rita Mae Ducharme  
2617 S. Wadsworth Circle  
Lakewood, CO 80227-3220

Comstock Oil & Gas, Inc.  
5300 Town & Country Blvd. #500  
Frisco, TX 75034

TCW DR II Royalty Partnership  
865 South Figueroa St #1800  
Los Angeles, CA 90017

Mathias Family Trust 9/9/81  
Barbara J. Mathias & Carol J.  
Hopper Co-Trustees  
3233 Spring Lane

Falls Church, VA 22041-2607

Virginia L. Mullin  
2500 Cherry Creek S Drive Apt. 504  
Denver, CO 80209

Bernard Hyde Dr Living Trust  
Dated 4-6-88  
Bernard Hyde Dr Trustee  
28242 Yanez  
Mission Viejo, CA 92692-1836

Richard P. Shooshan  
686 E Union Street  
Pasadena, CA 91101-1820





2700 Farmington Ave, K-1 Farmington, NM 87401  
Phone: (505) 324-1090 FAX: (505) 564-6700

July 13, 2005

RE: Notice of Intent to Apply for Downhole Commingling

Kutz Federal #16  
L Sec 33, T28N, R10W; 2,175' FSL & 845' FWL  
San Juan County, NM

To: All working interest, royalty interest and overriding royalty interest owners.

XTO Energy Inc. is applying for permission to downhole trim mingle the Basin Dakota (71599), Basin Mancos (97232) and the Otero Chacra (82329) pools in the Kutz Federal #16. We propose to downhole trim mingle production from these pools after this well is drilled and upon approval from the NMOCD. NMOCD requires all interest owners be notified of intent to downhole trim mingle if ownership is different between pools.

Based upon the 9-section EUR's for the Basin Dakota, Basin Mancos and Otero Chacra, XTO Energy Inc. proposes allocation of trim mingled production as follows:

Pool	Oil	Gas
Basin Dakota	81%	85%
Basin Mancos	19%	5%
Otero Chacra	0%	10%

If you need additional information or have any questions, I may be contacted at (505) 566-7925. If you are opposed to trim mingling production from these pools please respond in writing within 20 days of the date of this letter to XTO Energy Inc., 2700 Farmington Avenue, Suite K-1, Farmington, NM 87401.

Sincerely,

A handwritten signature in cursive script that reads 'Melissa M Osborne'.

Melissa M Osborne  
Regulatory Compliance Tech

xc: Well File  
FW Land Dept.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

XTO Energy Inc.

3a. Address

2700 Farmington Ave., Bldg. K, Ste 1 Farmington,

3b. Phone No. (include area code)

364-1090

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2,175' FSL & 845' FWL, UL L, Sec 33, T28N, R10W

5. Lease Serial No.

SP 046563

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Kutz Federal #16

9. API Well No.

30-045-33038

10. Field and Pool, or Exploratory Area

Basin DK/Basin MA/  
Otero Chacra

11. County or Parish, State

San Juan NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- |   |   |  |   |
|---|---|--|---|
| <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off                   |
| <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity                   |
| <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other <u>Downhole</u> |
| <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       | <u>Trim mingle</u>  |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |   |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

XTO Energy, Inc. requests approval for an exception to NMOCD Rule 303-C to permit DH Trim mingling production from the Basin Dakota, Basin Mancos & Otero Charca in the Kutz Federal #16. XTO Energy Inc. proposes to downhole trim mingle thses pools upon completion of this well.

Allocations are based upon a 9-section EUR and are caculated as follows:

Basin Dakota	Gas 85%	Oil 81%
Basin Mancos	Gas 5%	Oil 19%
Otero Chacra	Gas 10%	Oil 0%

Working interest, net royalty interest and overriding interest owners have been notified by certified, return receipt mail on July 13th, 2005. The NMOCD has been notified of our intent by submission of a C-103. Downhole Trim mingling will offer an economical method of production while protecting against reservoir damage, waste of reserves & violation of correlative rights.

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Melissa M Osborne

Title

REGULATORY COMPLIANCE TECH

Date 07/13/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

RECEIVED  
JUL 13 2005

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

XTO Energy Inc.

3a. Address

2700 Farmington Ave., Bldg. K, Ste 1 Farmington,

3b. Phone No. (Include area code)

505-364-1090

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2,175' FSL & 845' FWL, UL L, Sec 33, T28N, R10W

5. Lease Serial No.

SF 046563

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Kutz Federal #16

9. API Well No.

30-045-33038

10. Field and Pool, or Exploratory Area

Basin DK/Basin MA/  
Otero Chacra

11. County or Parish, State

San Juan NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other Downhole

Trim mingle

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplate in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

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Allocations are based upon a 9-section BUR and are calculated as follows:

Basin Dakota	Gas 85%	Oil 81%
Basin Mancos	Gas 5%	Oil 19%
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Working interest, net royalty interest and overriding interest owners have been notified by certified, return receipt mail on July 13th, 2005. The NMOCD has been notified of our intent by submission of a C-103. Downhole Trim mingling will offer an economical method of production while protecting against reservoir damage, waste of reserves & violation of correlative rights.

DHC order in process

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Melissa M Osborne

Title

REGULATORY COMPLIANCE TECH

Date 07/13/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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NMOCD

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1301 W. Grand Avenue, Artesia, NM 88210  
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State of New Mexico  
Energy, Minerals & Natural Resources Department  
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Form C-102  
Revised June 10, 2003  
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State Lease - 4 Copies  
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☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number 30-045-33038		<sup>2</sup> Pool Code 71559/97232/82329		<sup>3</sup> Pool Name Basin Dakota/Basin Mancos/Otero Chacra	
<sup>4</sup> Property Code 22756		<sup>5</sup> Property Name Kutz Federal			<sup>6</sup> Well Number 16
<sup>7</sup> OGRID No. 167037		<sup>8</sup> Operator Name XTO Energy Inc.			<sup>9</sup> Elevation 6083' GL

<sup>10</sup> Surface Location

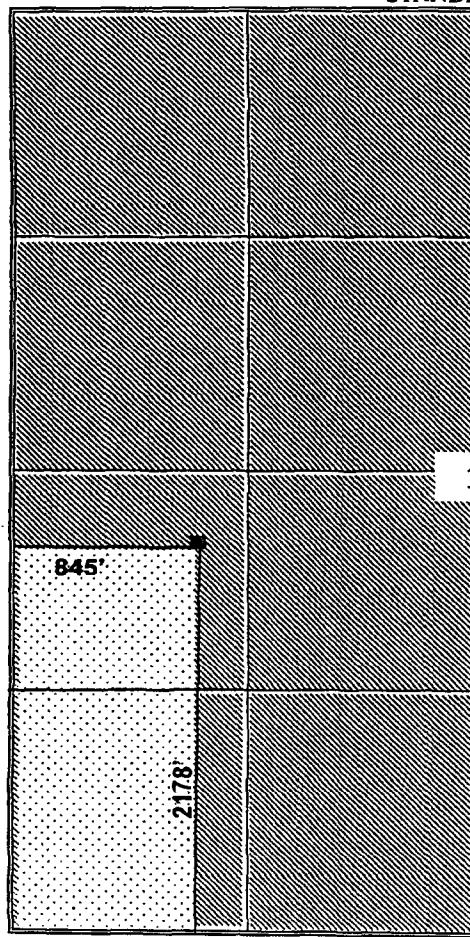
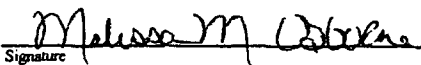
UL or lot no. L	Section 33	Township 28N	Range 10W	Lot Idn	Feet from the 2175'	North/South line South	Feet from the 845'	East/West line West	County San Juan
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<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
---------------	---------	----------	-------	---------	---------------	------------------	---------------	----------------	--------

<sup>12</sup> Dedicated Acres OK W/2 320 ac MA/CH SW/4 160 ac	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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

	33	<sup>17</sup> OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature Melissa M. Osborne Printed Name Regulatory Compliance Tech Title and E-mail Address April 20th, 2004 Date	
		<sup>18</sup> SURVEYOR CERTIFICATION <i>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.</i> August 30th, 2004 Date of Survey Signature and Seal of Professional Surveyor: John A. Vukonch Certificate Number 14831	

## Kutz Federal #16

BLM  
1235 La Plata Hwy, Ste A  
Farmington, NM 87401

Miriam I. Findley  
6511 North County Road #3  
Fostoria, OH 44830

B.B.L., Ltd.  
P.O. Box 911  
Breckenridge, TX 76424-0911

William L. Floyd, Jr.  
16 East 77th Street Apt. 5A  
New York, NY 10021

Rita Treasa Floyd  
C/O Comerica Bank -TX Trustee  
Attn: John W. Lowrie  
P.O. Box 4167 (Mail Code 6605)  
Houston, TX 77210-4167

Leon M. Ducharme Marital Trust  
Rita Mae Ducharme & Joyce J.  
Neville, Co-Trustees  
2617 S. Wadsworth Circle  
Lakewood, CO 80227-3220

Rita Mae Ducharme  
2617 S. Wadsworth Circle  
Lakewood, CO 80227-3220

Comstock Oil & Gas, Inc.  
5300 Town & Country Blvd. #500  
Frisco, TX 75034

TCW DR II Royalty Partnership  
865 South Figueroa St #1800  
Los Angeles, CA 90017

Mathias Family Trust 9/9/81  
Barbara J. Mathias & Carol J.  
Hopper Co-Trustees  
3233 Spring Lane

FEDERAL A	1 BP AMERICA PRODUCTION COMPANY	32 K	28N 10W GALLUP	7	158	0	7	158
KUTZ DEEP GAS COM D	1E XTO ENERGY INCORPORATED	27 I	28N 10W CHACRA	0	100	3	0	369
KUTZ FEDERAL C	1 XTO ENERGY INCORPORATED	27 G	28N 10W CHACRA	0	193	1	0	310
Average							0	340
MARTIN C FEDERAL	1 XTO ENERGY INCORPORATED	3	27N 10W DAKOTA	88	5,316	3	88	5,736
MARTIN C FEDERAL	1E XTO ENERGY INCORPORATED	3 P	27N 10W DAKOTA	0	83	1	2	888
R P HARGRAVE J	1 XTO ENERGY INCORPORATED	3 N	27N 10W DAKOTA	64	3,066	4	64	3,383
R P HARGRAVE J	1E XTO ENERGY INCORPORATED	3 C	27N 10W DAKOTA	8	1,073	14	9	1,540
HARGRAVE FEDERAL	1 TENNECO OIL COMPANY	4 C	27N 10W DAKOTA	26	1,076	0	26	1,076
FEDERAL F	2 XTO ENERGY INCORPORATED	4 H	27N 10W DAKOTA	85	5,887	4	85	6,707
FEDERAL F	2E XTO ENERGY INCORPORATED	4 O	27N 10W DAKOTA	1	174	2	3	653
R P HARGRAVE L	1 XTO ENERGY INCORPORATED	4 M	27N 10W DAKOTA	30	2,738	2	30	3,193
R P HARGRAVE L	1E XTO ENERGY INCORPORATED	4	27N 10W DAKOTA	7	1,014	3	8	1,355
C A MCADAMS C	1 XTO ENERGY INCORPORATED	5 P	27N 10W DAKOTA	34	2,214	3	35	2,559
C A MCADAMS C	2 XTO ENERGY INCORPORATED	5 K	27N 10W DAKOTA	19	2,554	4	3	597
C A MCADAMS C	1E XTO ENERGY INCORPORATED	5	27N 10W DAKOTA	10	1,143	3	11	1,383
FEDERAL GAS COM	2E XTO ENERGY INCORPORATED	5 F	27N 10W DAKOTA	8	830	4	10	1,013
FEDERAL GAS COM	2 XTO ENERGY INCORPORATED	27 M	28N 10W DAKOTA	99	8,636	8	99	9,565
FEDERAL GAS COM D	2E XTO ENERGY INCORPORATED	27 F	28N 10W DAKOTA	0	119	6	0	459
KUTZ DEEP GAS COM D	1 XTO ENERGY INCORPORATED	27 A	28N 10W DAKOTA	47	3,662	2	47	3,988
DAVIDSON GAS COM F	1E XTO ENERGY INCORPORATED	27 I	28N 10W DAKOTA	4	601	2	5	671
DAVIDSON GAS COM F	1 XTO ENERGY INCORPORATED	28 M	28N 10W DAKOTA	46	3,502	2	47	3,853
FEDERAL GAS COM	1E XTO ENERGY INCORPORATED	28 F	28N 10W DAKOTA	6	919	1	6	1,256
FEDERAL GAS COM	1 XTO ENERGY INCORPORATED	28 A	28N 10W DAKOTA	44	4,259	4	46	4,633
HUBBELL A	1E XTO ENERGY INCORPORATED	28 J	28N 10W DAKOTA	1	252	7	3	920
HUBBELL A	1 BURLINGTON RESOURCES O&G CO LP	29 B	28N 10W DAKOTA	33	4,178	1	34	4,250
HUBBELL GAS COM C	1E XTO ENERGY INCORPORATED	29 F	28N 10W DAKOTA	8	903	1	9	1,119
FEDERAL A	1E XTO ENERGY INCORPORATED	29 N	28N 10W DAKOTA	48	5,423	2	49	5,863
FEDERAL A	1E XTO ENERGY INCORPORATED	29 I	28N 10W DAKOTA	11	1,411	3	13	1,798
FEDERAL A	1E XTO ENERGY INCORPORATED	32 E	28N 10W DAKOTA	42	4,662	3	43	5,028
FRED FEASEL L	1 XTO ENERGY INCORPORATED	32 K	28N 10W DAKOTA	0	227	2	1	689
FRED FEASEL L	1E XTO ENERGY INCORPORATED	32 H	28N 10W DAKOTA	48	4,945	4	50	5,341
FRED FEASEL H	1 XTO ENERGY INCORPORATED	32 I	28N 10W DAKOTA	6	1,115	4	8	1,575
FRED FEASEL H	1E XTO ENERGY INCORPORATED	33 H	28N 10W DAKOTA	37	3,874	4	39	4,149
KUTZ FEDERAL	13E XTO ENERGY INCORPORATED	33 O	28N 10W DAKOTA	8	1,172	8	9	1,532
KUTZ FEDERAL	13E XTO ENERGY INCORPORATED	33 K	28N 10W DAKOTA	27	2,713	1	26	2,715
MCLEOD	2E CONOCO INCORPORATED	33 C	28N 10W DAKOTA	0	139	6	4	843
MCLEOD	2 CONOCOPHILLIPS COMPANY	34 E	28N 10W DAKOTA	2	467	143	2	467
FRED FEASEL J	1 XTO ENERGY INCORPORATED	34 L	28N 10W DAKOTA	85	6,686	18	87	7,209
FRED FEASEL J	1E XTO ENERGY INCORPORATED	34 G	28N 10W DAKOTA	76	4,260	3	76	4,607
Average		34 O	28N 10W DAKOTA	8	1,014	4	8	1,272
							29	2,808

Allocation:		
Chacra	Oil	Gas
Gallup/Mancos	0%	10%
Dakota	19%	5%
	81%	85%

Falls Church, VA 22041-2607

Virginia L. Mullin  
2500 Cherry Creek S Drive Apt. 504  
Denver, CO 80209

Bernard Hyde Dr Living Trust  
Dated 4-6-88  
Bernard Hyde Dr Trustee  
28242 Yanez  
Mission Viejo, CA 92692-1836

Richard P. Shooshan  
686 E Union Street  
Pasadena, CA 91101-1820



2700 Farmington Ave, K-1 Farmington, NM 87401

Phone: (505) 324-1090 FAX: (505) 564-6700

July 13, 2005

RE: Notice of Intent to Apply for Downhole Commingling

Kutz Federal #16

L Sec 33, T28N, R10W; 2,175' FSL & 845' FWL

San Juan County, NM

To: All working interest, royalty interest and overriding royalty interest owners.

XTO Energy Inc. is applying for permission to downhole trim mingle the Basin Dakota (71599), Basin Mancos (97232) and the Otero Chacra (82329) pools in the Kutz Federal #16. We propose to downhole trim mingle production from these pools after this well is drilled and upon approval from the NMOCD. NMOCD requires all interest owners be notified of intent to downhole trim mingle if ownership is different between pools.

Based upon the 9-section EUR's for the Basin Dakota, Basin Mancos and Otero Chacra, XTO Energy Inc. proposes allocation of trim mingled production as follows:

Pool	Oil	Gas
Basin Dakota	81%	85%
Basin Mancos	19%	5%
Otero Chacra	0%	10%

If you need additional information or have any questions, I may be contacted at (505) 566-7925. If you are opposed to trim mingling production from these pools please respond in writing within 20 days of the date of this letter to XTO Energy Inc., 2700 Farmington Avenue, Suite K-1, Farmington, NM 87401.

Sincerely,

A handwritten signature in cursive script that reads 'Melissa M Osborne'.

Melissa M Osborne  
Regulatory Compliance Tech

xc: Well File  
FW Land Dept.





---

2700 Farmington Ave, K-1 Farmington, NM 87401  
Phone: (505) 324-1090 FAX: (505) 564-6700

July 13, 2005

Mr. Will Jones  
New Mexico Oil Conservation Division  
1220 S. St. Francis Drive  
Santa Fe, NM 87505

Subject: Application for Downhole Commingle  
Kutz Federal #16  
Unit L Sec 33-T28N- R10W; 30-045-33038  
Basin Dakota/Basin Mancos/Otero Chacra  
SF046563; San Juan, NM

Dear Mr. Jones:

Enclosed please find an administrative application form (C107A) and attachments for downhole trim mingling for the captioned well. All Working interest, net royalty interest and overriding royalty interest owners have been notified by certified, return receipt mail on July 13, 2005 of XTO Energy Inc. plans to downhole trim mingle the Kutz Federal #16. Trim mingling of zones will not reduce the recovery of these pools, but will improve recovery of liquids, thus eliminating redundant surface equipment. Waste will not result and correlative rights will not be violated. Notice of our intent has been filed with the BLM on form 3160-5.

Any questions pertaining to this matter, please call me at (505) 566-7925.

Sincerely,

A handwritten signature in dark ink, appearing to read 'Melissa M. Osborne', is written over a horizontal line.

Melissa-M. Osborne  
Regulatory Compliance Tech

xc: Wellfile  
OCD, Aztec Office  
BLM, Farmington

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., 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-103  
May 27, 2004

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO.  
30-045-33038  
5. Indicate Type of Lease  
STATE ☐ FEE ☐  
6. State Oil & Gas Lease No.  
SF046563

7. Lease Name or Unit Agreement Name

Kutz Federal

8. Well Number #16

9. OGRID Number  
167067

10. Pool name or Wildcat  
Basin DK/Basin Mancos/Otero CH

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other

2. Name of Operator

XTO ENERGY INC.

3. Address of Operator

2700 FARMINGTON AVE, SUITE K-1, FARMINGTON, NM 87401

4. Well Location

Unit Letter L : 2175' feet from the South line and 845' feet from the West line

Section 33 Township 28N Range 10W NMPM San Juan County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

6083' GL

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type \_\_\_\_\_ Depth to Groundwater \_\_\_\_\_ Distance from nearest fresh water well \_\_\_\_\_ Distance from nearest surface water \_\_\_\_\_

Pit Liner Thickness: \_\_\_\_\_ mil Below-Grade Tank: Volume \_\_\_\_\_ bbls; Construction Material \_\_\_\_\_

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: Downhole Commingle

☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ P AND A ☐

CASING/CEMENT JOB ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

XTO Energy Inc. requests approval for an exception to Rule 303-C to permit DH trim mingle of Production from the Basin Dakota (71599), Basin Mancos (97232) & Otero Chacra (82329) in Kutz Federal #16. XTO Energy, Inc plans to downhole trim mingle these pools upon completion of this well.

Allocations are based upon a 9 section EUR and are calculated as follows:

Basin Dakota:	Gas 85%	Oil 81%
Basin Mancos	Gas 5%	Oil 19%
Otero Chacra	Gas 10%	Oil 0%

Working interest, net royalty interest and overriding interest owners have been notified by certified, return receipt mail on July 13<sup>th</sup>, 2005. The BLM has been notified with form 3160-5 of our intent to DH Trim mingling. Downhole trim mingle will offer an economical method of production while protecting against reservoir damage, waste of reserves and violation of correlative rights.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Melissa M Osborne TITLE Regulatory Compliance Tech DATE 07/13/2005  
Type or print name Melissa M Osborne E-mail address: Regulatory@xtoenergy.com Telephone No. 505-566-7925  
For State Use Only

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
Conditions of Approval (if any): \_\_\_\_\_

**District I**  
1625 N. French Drive, 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 Department

Form C-107A  
Revised June 10, 2003

**Oil Conservation Division**

1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

APPLICATION TYPE

☒ Single Well

☐ Establish Pre-Approved Pools

EXISTING WELLBORE

☐ Yes ☒ No

**APPLICATION FOR DOWNHOLE COMMINGLING**

XTO Energy Inc. 2700 Farmington Ave, Suite K-1 Farmington, NM 87401

Operator Address  
Kutz Federal #16 L Sec 33, T28N-R10W San Juan County

Lease Well No. Unit Letter-Section-Township-Range County

OGRID No. 167037 Property Code 22756 API No 30-045-33038 Lease Type ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Otero Chacra	Basin Mancos	Basin Dakota
Pool Code	82329	97232	71599
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2,180' - 2,945'	4,340' - 4,707'	6,419' - 6,679'
Method of Production (Flowing or Artificial Lift)			
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)			
Oil Gravity or Gas BTU (Degree API or Gas BTU)			
Producing, Shut-In or New Zone	New Zone	New Zone	New Zone
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: Rates:	Date: Rates	Date: Rates:
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas 0% - 10%	Oil Gas 19% - 5%	Oil Gas 81% - 85%

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well  
☐ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
**KTO Energy Inc.**

3a. Address  
**2700 Farmington Ave., Bldg. K, Ste 1 Farmington,**

3b. Phone No. (include area code)  
**505-324-1090**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**2,175' FSL & 845' FWL in SEC. 133, T28N, R10W**

5. Lease Serial No.

**SF-046563**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
**NM**

8. Well Name and No.  
**KUTZ FEDERAL #16**

9. API Well No.

**30-045-33038**

10. Field and Pool, or Exploratory Area  
**Basin Dakota  
OTERO CHACRA**

11. County or Parish, State  
**SAN JOAN NM**

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- |  |   |  |   |
|--|---|--|---|
| <input type="checkbox"/> Acidize                 | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing            | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input type="checkbox"/> Other          |
| <input checked="" type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       |   |
| <input type="checkbox"/> Convert to Injection    | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |   |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

The APD for the above mention well was approved 6/14/05 for the Basin Dakota & Otero Chacra formations. KTO Energy Inc. requests permission to add the Basin Mancos formation to the wellbore.

\*\*C102 plat attached\*\*

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**KELLY R. SMALL**

Title

**REGULATORY COMPLIANCE TECH**

Date **07/08/05**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

**Ret. Eng  
FFO**

Date

**7/18/05**

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMCCD

DISTRICT I  
1625 N. French Dr., Hobbs, N.M. 88240

DISTRICT II  
1301 W. Grand Ave., Artesia, N.M. 88210

DISTRICT III  
1000 Rio Brazos Rd., Artesia, N.M. 87410

DISTRICT IV  
1220 South St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

### OIL CONSERVATION DIVISION

1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102

Revised June 10, 2003

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

### WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-045-33038	<sup>2</sup> Pool Code 97232	<sup>3</sup> Pool Name WC Basin mancos
<sup>4</sup> Property Code	<sup>5</sup> Property Name KUTZ FEDERAL	<sup>6</sup> Well Number 16
<sup>7</sup> OGRIID No. 167067	<sup>8</sup> Operator Name XTO ENERGY INC.	<sup>9</sup> Elevation 6083

#### <sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	33	28-N	10-W		2175	SOUTH	845	WEST	SAN JUAN

#### <sup>11</sup> 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
<sup>12</sup> Dedicated Acres 160 SW/4			<sup>13</sup> Joint or bill		<sup>14</sup> Consolidation Code		<sup>15</sup> 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

<p>16-</p>	<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><i>Kelly K Small</i> Signature Kelly K Small Printed Name Regulatory Compliance Tech Title 7/8/05 Date</p> <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 belief.</p> <p>Date of Survey Signature of Surveyor Professional Surveyor 14831 11-2-04 14831</p> <p>Certificate Number</p>
------------	--

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

2005 AUG 4 PM

5. Lease Serial No.

SF-046563

6. If Indian, Allottee or Tribe Name

1 47

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

KUTZ FEDERAL #16

9. API Well No.

30-045-33038

10. Field and Pool, or Exploratory Area

BASIN DK / BASIN MC

OTERO CR

11. County or Parish, State

SAN JUAN NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side

RECEIVED

OTO FARMINGTON

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KTO Energy Inc.

3a. Address

2700 Farmington Ave., Bldg. K, Ste 1 Farmington,

3b. Phone No. (include area code)

505-324-1090

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2,175' PSL & 845' PNL in SEC. 133, T28N, R10W

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

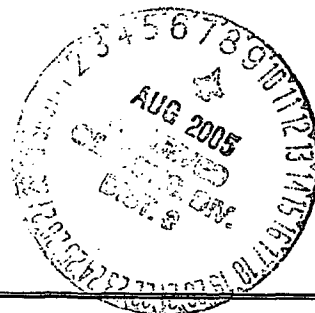
☐ Well Integrity

☒ Other WELL SPUD

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

**\*\*CORRECTED SURF CSG DEPTH\*\*\***

KTO Energy Inc. spudded 12-1/4" hole @ 1:00 p.m., 07/27/05. Drld to 390' KB. PU & TIH w/9 jts 8-5/8", 24.0#, J-55, ST&C to 385' KB. Cnt'd csg w/300 ax Cl Type III cnt w/3% CaCl2 & 1/4 FPS celloflake (mixed @ 15.2 ppg, 1.28 cuft/ax). Circ 21 bbls cnt to surf. PT BOPE & surf csg to 1,000 psig f/30 min. Held OK.



14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

KELLY K. SMALL

Title

REGULATORY COMPLIANCE TECH

Date 08/02/05

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

ACCEPTED FOR RECORD

Approved by

Title

Date

AUG 05 2005

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

FARMINGTON FIELD OFFICE

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

SP-046563

6. If Indian, Allottee or Tribe Name

PM 1 22

SUBMIT IN TRIPLICATE - Other instructions on reverse side

RECEIVED

070 FARMINGTON NM

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

XTO Energy Inc.

2a. Address

2700 Farmington Ave., Bldg. K, Ste 1 Farmington,

3b. Phone No. (include area code)

505-324-1090

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2,175' FSL & 845' FWL in SEC. 133, T28N, R10W

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

KUTZ FEDERAL #16

9. API Well No.

30-043-33039

10. Field and Pool, or Exploratory Area

BASIN DK / BASIN MC

OTERO CH

11. County or Parish, State

SAN JUAN NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

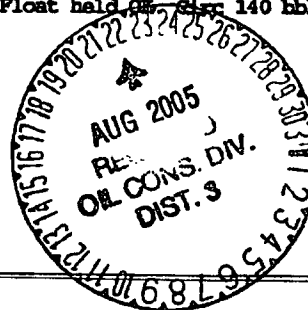
TYPE OF ACTION

- ☐ Acidize ☐ Deepen ☐ Production (Start/Resume) ☐ Water Shut-Off  
☐ Alter Casing ☐ Fracture Treat ☐ Reclamation ☐ Well Integrity  
☐ Casing Repair ☐ New Construction ☐ Recomplete ☒ Other TD & ST  
☐ Change Plans ☐ Plug and Abandon ☐ Temporarily Abandon ☐ PROD CSG  
☐ Convert to Injection ☐ Plug Back ☐ Water Disposal

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Reached driller's TD of 6,970' KB @ 8:00 a.m., 08/08/05. PU & TIH w/168 jts 5-1/2", 15.5#, J-55, ST&C csg to 6,954.99' KB. Cmt'd csg as follows (1st stage): 440 sx Premium Lite HS w/0.5% FL-32, 0.2% CD-32, 1/2 PPS celloflake, 2% KCl, & 2% phenoseal (mixed @ 12.5 ppg & 2.01 cuft/sx) followed by 150 sx Type III cmt w/0.3% CD-32, 0.2% FL-52, 5% A-10, 1/4 PPS celloflake, & 2% phenoseal (mixed @ 14.2 ppg & 1.54 cuft/sx). Dropped bomb & op DV tool. Circ btwn stage. Cmt'd 2nd stage as follows: 723 sx Type III cmt w/8% gel, 1/4 PPS celloflake & 2% phenoseal (mixed @ 11.9 ppg & 2.60 cuft/sx) followed by 100 sx Type III Neat cmt (mixed @ 14.5 ppg & 1.39 cuft/sx). Dropped bomb & closed DV tool. Float held 140 hbls cmt to surf. Released Patterson #743 @ 3:00 p.m., 08/12/05.

\*\*PRODUCTION CSG WILL BE PRESSURE TESTED @ COMPLETION\*\*



14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

KELLY K. SMALL

Title

REGULATORY COMPLIANCE TECH

Date 08/15/05

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

AUG 24 2005

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

FARMINGTON FIELD OFFICE

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NMOC



## TABULATION OF DEVIATION TESTS

*XTO Energy Inc.*

Depth	Degrees	Depth	Degrees
95'	1/2°	2,900'	1°
285'	1/2°	3,443'	1°
750'	1-1/4°	4,900'	1°
1,009'	1-1/4°	5,522'	1°
1,196'	1-1/4°	6,200'	1°
1,698'	1°	6,647'	1°
2,414'	1-1/2°	6,930'	1-1/2°

### A F F I D A V I T

THIS IS TO CERTIFY that to the best of my knowledge the above survey details the deviation tests taken on XTO ENERGY INC'S

**KUTZ FEDERAL #16 in Section L33, T28N, R10W,**

**API #30-045-33038**

**San Juan County, New Mexico.**



Signed

Printed Name Jeffrey W. Patton

Title Drilling Engineer

THE STATE OF NEW MEXICO)

) SS.

COUNTY OF SAN JUAN )

BEFORE ME, the undersigned authority, on this day personally, Jeffrey W. Patton, known to me to be Drilling Engineer for XTO Energy Inc and to be the person whose name is subscribed to the above statement, who, being by me duly sworn on oath, states that he has knowledge of the facts stated herein and that said statement is true and correct.

SUBSCRIBED AND SWORN to before me, a Notary Public in and for said County and

State this 25th day of August, 2005.



Commission Expires:

9-1-2008

Holly C. Perkins



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

XTO Energy Inc.

3a. Address

2700 Farmington Ave., Bldg. K, Ste 1 Farmington,

3b. Phone No. (include area code)

505-324-1090

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2,175' FSL & 845' FWL in SEC. L33, T28N, R10W

5. Lease Serial No.

SF-046563

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

KUTZ FEDERAL

#16

9. API Well No.

30-045-33038

10. Field and Pool, or Exploratory Area

BASIN DE / Basin MC / Otero CH

11. County or Parish, State

SAN JUAN

NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- |   |   |  |   |
|---|---|--|---|
| <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off   |
| <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity   |
| <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other |
| <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       |   |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |   |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

XTO Energy Inc. pressure tested 5-1/2" production casing on 9/10/05 to 2500 psig for 30 minutes.  
Increased pressure to 3850 psig for 5 minutes w/chart. Tested OK.



14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

HOLLY C. PERKINS

Title

REGULATORY COMPLIANCE TECH

Date 9/30/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

OCT 06 2005

FARMINGTON FIELD OFFICE

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NMOCU

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires March 31, 2007

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other  
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resv. ☐ Other

2. Name of Operator

XTO Energy Inc.

3. Address

2700 Farmington Ave., Bldg. K, Ste 1 Farmington, NM

3a. Phone No. (include area code)

5053241090

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface 2175' FSL &amp; 845' FWL

At top prod. interval reported below

At total depth

14. Date Spudded

7/27/2005

15. Date T.D. Reached

8/8/2005

16. Date Completed

☐ D & A☒ Ready to Prod.

9/23/2005

18. Total Depth: MD

TVD

6970'

19. Plug Back T.D.: MD

TVD

6913'

20. Depth Bridge Plug Set: MD

TVD

21. Type Electric &amp; Other Mechanical Logs Run (Submit copy of each)

TRIPLE COMBO/AIL/FULL BORE MICRO IMAGER

22. Was well cored? ☒ No ☐ Yes (Submit analysis)Was DST run ☒ No ☐ Yes (Submit report)Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt.(#ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4	8-5/8	24		385		300		0	0
7-7/8	5-1/2	15.5		6955		1413		0	0

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8"	6558'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes
A) DAKOTA	6450'	6639'	6450' - 6639'	0.34"	21
B)					
C)					
D)					

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
6450' - 6639'	A. w/1250 gals 15% NEFE HCl acid. Frac'd w/75,473 gals 70Q Puregel III LT CO2 foam frac fld carrying 165,800# 20/40 sd

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
	9/23/2005	3		0	176	3			FLOWING
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
3/8"	400	500		0	1408	24		SHUT IN	

28a. Production-Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

(See instructions and spaces for additional data on page 2)

ACCEPTED FOR RECORD

OCT 06 2005

FARMINGTON FIELD OFFICE  
BY: *db*

NMOCB

## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

## 28c. Production-Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries

## 31. Formation (Log) Markers

MORRISON FMT 6728

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				OJO ALAMO	973
				KIRTLAND SHALE	1115
				FRUITLAND FORMATION	1568
				PICTURED CLIFFS SS	2006
				LEWIS SHALE	2198
				CHACRA SS	2945
				CLIFFHOUSE SS	3579
				MENEFEE	3668
				PT LOOKOUT SS	4356
				MANCOS SHALE	4707
				GALLUP SS	5566
				GREENHORN LS	6349
				GRANEROS SH	6417
				DAKOTA	6446
				BURRO CANYON SS	6700

32. Additional remarks (include plugging procedure):

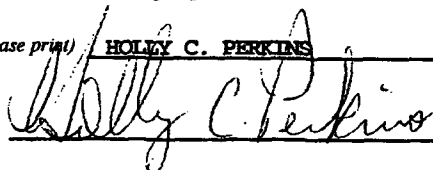
## 33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) HOLLY C. PERKINSTitle REGULATORY COMPLIANCE TECH

Signature


Date 9/30/2005

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

State of New Mexico  
Energy, Minerals & Natural Resources

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-104  
Revised June 10, 2003

Submit to Appropriate District Office  
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

1 Operator name and Address <b>XTO ENERGY INC.</b> <b>2700 FARMINGTON AVENUE, SUITE K-1</b> <b>FARMINGTON, NM 87401</b>		2 OGRID Number <b>167067</b>
4 API Number <b>30-0 45-33038</b>		3 Reason for Filing Code/Effective Date <b>NEW DRILL</b>
5 Pool Name <b>BASIN DAKOTA</b>	6 Pool Code <b>71599</b>	
7 Property Code	8 Property Name <b>KUZZ FEDERAL</b>	9 Well Number <b>16</b>

II. Surface Location

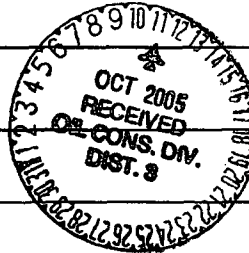
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
<b>L</b>	<b>33</b>	<b>28N</b>	<b>10W</b>		<b>2175</b>	<b>SOUTH</b>	<b>845</b>	<b>WEST</b>	<b>SAN JUAN</b>

Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
12 Lse Code	13 Producing Method Code	14 Gas Connection Date	15 C-129 Permit Number	16 C-129 Effective Date	17 C-129 Expiration Date				

III. Oil and Gas Transporters

18 Transporter OGRID	19 Transporter Name and Address	20 POD	21 O/G	22 POD ULSTR Location and Description
<b>25244</b>	<b>WILLIAMS FIELD SERVICES</b> <b>295 CHIPETA WAY</b> <b>SALT LAKE CITY, UT</b>		<b>G</b>	
<b>9018</b>	<b>GIANT REFINERY</b> <b>50 ROAD 4990</b> <b>BLOOMFIELD, NM 87413</b>		<b>O</b>	



IV. Produced Water

23 POD	24 POD ULSTR Location and Description

V. Well Completion Data

25 Spud Date	26 Ready Date	27 TD	28 PBTD	29 Perforations	30 DHC, MC
<b>7/27/2005</b>	<b>9/23/2005</b>	<b>6970'</b>	<b>6913'</b>	<b>6450' - 6639'</b>	
31 Hole Size	32 Casing & Tubing Size	33 Depth Set	34 Sacks Cement		
<b>12-1/4"</b>	<b>8-5/8" J-55 24#</b>	<b>385'</b>	<b>300</b>		
<b>7-7/8"</b>	<b>5-1/2" J-55 15.5#</b>	<b>6955'</b>	<b>1413</b>		
	<b>2-7/8"</b>	<b>6558'</b>			

VI. Well Test Data

35 Date New Oil	36 Gas Delivery Date	37 Test Date	38 Test Length	39 Tbg. Pressure	40 Csg. Pressure
		<b>9/23/2005</b>	<b>3 hrs</b>	<b>400</b>	<b>500</b>
41 Choke Size	42 Oil	43 Water	44 Gas	45 AOF	46 Test Method
<b>3/8"</b>	<b>0</b>	<b>6</b>	<b>176</b>		<b>F</b>

47 I hereby certify that the rules 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: *Holly C. Perkins*

Printed name:  
**HOLLY C. PERKINS**

Title:  
**REGULATORY COMPLIANCE TECH**

Email:  
**Regulatory@xtoenergy.com**

Date:  
**10/5/2005**

Phone:  
**505-324-1090**

10-12-05 OIL CONSERVATION DIVISION

Approved by:

Title:  
**SUPERVISOR DISTRICT # 3**

Approval Date:  
**OCT 12 2005**