

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)

1055' FNL & 730' FWL, D, SEC 16, T27N, R10W

5. Lease Serial No.

NMSF077382

6. If Indian, Allottee or Tribe Name

11 15

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

8. Well Name and No.

RP HARGRAVE K #1G

9. API Well No.

30-045-33448

10. Field and Pool, or Exploratory Area

BASIN DAKOTA/  
WILDCAT BASIN MANCOS

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>COMMINGLE</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 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.)

XTO Energy Inc. is requesting an administrative approval for an exemption to rule 303-C to permit downhole commingling of production from the Basin Dakota pool (71599) and the Wildcat Basin Mancos pool (97232). XTO proposes to downhole commingle these pools upon completion of the well. The proposed allocations are based on an individual pool average production of wells located in a nine-section surrounding area. Based upon the average production, XTO proposes to allocate the commingled production as follows:

Basin Dakota	Gas: 87%	Water: 93%	Oil: 85%
Wildcat Basin Mancos	Gas: 13%	Water: 7%	Oil: 15%

Ownership in this well's pools is not common and notification by certified, return receipt mail to WI, ORRI, NRI owners was completed on 4/27/06. There have been no objections of our intention to DHC this well. Downhole commingling will offer an economical method of production while protecting against reservoir damage, waste of reserves and protection of correlative rights.

DHC 3728

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

LORRI D. BINGHAM

Title

REGULATORY COMPLIANCE TECH

Date 5/30/06

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Matt Halbert

Title

PETE ENG

Date

6-6-06

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

BLM-FFO

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.

NMOCDB



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

May 30, 2006

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

Subject: Application for Exception to Rule 303A  
Downhole Commingle  
RP Hargrave K #1G  
30-045-33438 Unit H Sec 16-T27N- R10W  
Basin Dakota and Wildcat Basin Mancos  
SF077382; San Juan, NM

Dear Mr. Jones:

Enclosed please find an administrative application form (C107A) and attachments for downhole commingling for the captioned well. By copy of this application by certified mail, return receipt requested, XTO has notified all offset operators in the formations captioned above as well as all affected interest owners. The Division Director may approve the proposed downhole commingling in the absence of any valid objections from any offset operator or any interest owners within 20 days after the receipt of the application if, in his opinion, waste will not result thereby, and correlative rights will not be violated.

If you have any questions pertaining to this matter, please call me at (505) 324-1090.

Sincerely,

A handwritten signature in black ink, appearing to read 'Lorri D. Bingham', is written over a horizontal line.

Lorri D. Bingham  
Regulatory Compliance Tech

xc: Wellfile  
BLM, Farmington Field Office

DISTRICT I  
1025 N. French Dr., Hobbs, N.M. 88240

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

DISTRICT III  
1000 Rio Brazos Rd., Artec, 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	71599	Pool Code	Basin Dakota	Pool Name
Property Code		Property Name	R P HARGRAVE K	Well Number
TOGRID No.	167067	Operator Name	XTO ENERGY INC.	Elevation
				6014'

#### 10 Surface Location

UT or lot no.	Section	Township	Range	Lot 1/4	Feet from the	North/South line	Feet from the	East/West line	County
D	16	27-N	10-W		1055	NORTH	730	WEST	SAN JUAN

#### 11 Bottom Hole Location If Different From Surface

UT or lot no.	Section	Township	Range	Lot 1/4	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	W/2 320.00		Joint use initial	Communication 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>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>Kevin K. Small</i> Signature Kevin K. Small Registered Name Regulatory Compliance Tech Title 8/10/05 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: 8/10/05 Signature and Title: <i>Johna Vukobratovic</i> Johna Vukobratovic Professional Surveyor 14821 15-02 1000</p> <p>Call Number</p>
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DISTRICT I  
1625 N. French Dr., Hobbs, N.M. 88240

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

DISTRICT III  
1000 N. Bristol 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

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Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

APN Number	Pool Code	Pool Name
	72319	Blanco Mesaverde
Property Code	Property Name	Well Number
	R. P. HARGRAVE K	1G
OCRD No.	Operator Name	Elevation
167067	XTO ENERGY INC.	5014'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from line	North/South line	Feet from line	East/West line	County
D	16	27-N	10-W		1055	NORTH	730	WEST	SAN JUAN

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from line	North/South line	Feet from line	East/West line	County
Dedicated Acres		Acres or Indiv		Consolidation Code		Order No.			
w/la 320.00									

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>Heery K. Smaller</i> Signature <i>Heery K. Smaller</i> Printed Name Regulatory Compliance Tech Date 8/10/05</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 and Title of Surveyor Professional Surveyor 14931 14931 14931</p> <p>Certificate Number</p>
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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. 87413

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

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.  
Santa Fe, N.M. 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

1 API Number		2 Pool Code		3 Pool Name	
		97232		Basin Manos	
4 Property Code		5 Property Name		6 Well Number	
		R. P. HARGRAVE K		1C	
7 OGRD No		8 Operator Name		9 Elevation	
167067		XTO ENERGY INC.		6014'	

10 Surface Location

11 U. or lot no.	12 Section	13 Township	14 Range	15 Lot no.	16 Feet from the	17 North/South line	18 Feet from the	19 East/West line	20 County
11	16	27-N	10-W		1055	NORTH	730	WEST	SAN JUAN

21 Bottom Hole Location If Different From Surface

22 U. or lot no.	23 Section	24 Township	25 Range	26 Lot no.	27 Feet from the	28 North/South line	29 Feet from the	30 East/West line	31 County

32 Dedicated Acres	33 Joint or Infit	34 Consolidation Code	35 Order No.

NW 1/4 160

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16 S 89-49-39 E 2640.5 (M) FD. 2 1/2" B.C. 1913 U.S.G.L.O. LAT. 36°34'46.5"N (NAD 22) LONG. 107°54'24.5" W (NAD 22) FD. 2 1/2" B.C. 1913 U.S.G.L.O.	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature: Kelly L. Serrano Printed Name: Kelly L. Serrano Title: Regulatory Compliance Tech Date: 12/15/05 2005 DEC 15 PM 2:00 010 FIVE

Decimal Totals:

-000000000 -000000000

XTO ENERGY INC.  
Division Of Interest Report  
3/10/06

Download file CTFUNIT member DOIF151605

Company	Type	I.D. #	Prod	Group#	DOI Description	Working	Royalty	Interest	Suspense	Sev
100	W	68348	7	01	ENTITLEMENT DECK	Dec.	Dec.	Type	Code	Exemp

HARGRAVE, RP K 1G DK

Owner Name

2834	RICHARD PAUL HARGRAVE TRUST	O	.000000000	.015000000	O
746082945	FROST NATL BK, AGENT				
	A/C G03200				
	U.S. NATL BK, TRUST OIL & GAS				
	P.O. BOX 1600				
	SAN ANTONIO	TX	782960000		

30831	TRUE OIL LLC	O	.000000000	.029925000	W
830176199	PO DRAWER 2360				
	CASPER	WY	826022360		

88912	MMS XTO FEDERAL	O	.000000000	.093750000	R
000000000	C/O XTO ENERGY INC				
	810 HOUSTON STREET				
	FORT WORTH	TX	761026298		

99985	XTO ENERGY INC.	I	.000000000	.611325000	W
752347769	810 HOUSTON STREET				
	FORT WORTH	TX	761026298		

99999	DELETED OWNER	D	.000000000	.250000000	W
000000000	.				
.	.				
.	XX	100000000			

Decimal Totals:

-000000000 1.000000000

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 87240  
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. <b>30-045-33448</b>
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: <b>RP HARGRAVE K</b>
8. Well Number <b>1G</b>
9. OGRID Number <b>167067</b>
10. Pool name or Wildcat <b>BASIN DAKOTA/WILDCAT BASIN MANCOS</b>

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
**6014' GR**

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 \_\_\_\_\_

**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., Bldg. K. Ste 1 Farmington, NM 87401**

4. Well Location  
Unit Letter **D**; **1055** feet from the **NORTH** line and **730** feet from the **WEST** line  
Section **16** Township **27N** Range **10W** NMPM County **SAN JUAN**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
**6014' GR**

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:		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: DOWNHOLE COMMINGLE <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. is requesting approval to downhole commingle product fr/the Basin Dakota & the Wildcat Basin Mancos in the RP Hargrave K #1G. XTO Energy will DHC upon completion of the well. Allocations are based on a 9-section EUR & calculated as follows:

Gas: DK 87% MC 13% Water: DK 93% MC 7% Oil: DK 85% MC 15%

All interest owners were notified by certified, return receipt mail on 4/27/06. DHC will offer an economical method for production while protecting against reservoir damage, waste of reserves & 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 *Lorri D. Bingham* TITLE REGULATORY COMPLIANCE TECH DATE 5/30/06  
E-mail address: Regulatory@xtoenergy.com  
Type or print name LORRI D. BINGHAM Telephone No. 505-324-1090

**For State Use Only**

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

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 and Natural Resources

Oil Conservation Division

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

APPLICATION FOR DOWNHOLE COMMINGLING

Form C-107A  
Revised June 10, 2003

APPLICATION TYPE

☒ Single Well  
☐ Establish Pre-Approved Pools  
EXISTING WELLBORE  
☐ Yes ☒ No

XTO Energy Inc. 2700 Farmington Ave., Bldg.K.Ste 1 Farmington, NM 87401  
Operator Address

R.P. HARGRAVE K 1G "H" SEC 16 T27N R10W SAN JUAN  
Lease Well No. Unit Letter-Section-Township-Range County

OGRID No. 167067 Property Code 22632 API No. 30-045-33438 Lease Type: ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	WILDCAT BASIN MANCOS		BASIN DAKOTA
Pool Code	97232		71599
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	5521' - 5767'		6245' - 6474'
Method of Production (Flowing or Artificial Life)	F		F
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		NEW
Date and Oil/Gas/Water Rates of Last Production	Date: - Rates: -	Date: - Rates: -	Date: - Rates: -
(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: 15 % Gas: 13 %	Oil: % Gas: %	Oil: 85 % Gas: 87 %

Are all working, overriding, and royalty interests identical in all commingled zones? Yes ☐ No ☒  
If not, have all working, overriding, and royalty interests 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 commingled 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 all offset operators.
- Notification list of working, overriding, and royalty interests for uncommon interest cases.
- Any additional statements, data, or documents required to support commingling.

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 Lorri D. Bingham TITLE REGULATORY COMP TECH DATE 5/30/06  
TYPE OR PRINT NAME LORRI D. BINGHAM TELEPHONE NO. ( 505 ) 324-1090  
E-MAIL REGULATORY@XTOENERGY.COM