

12/7/07 DATE IN	SUSPENSE	W Jones ENGINEER	11/30/07 LOGGED IN	DHC TYPE 3913	PKUR0733453287 APP NO.
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

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



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement
☒ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify _____

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☒ Does Not Apply

[A] ☐ Working, Royalty or Overriding Royalty Interest Owners
 [B] ☐ Offset Operators, Leaseholders or Surface Owner
 [C] ☐ Application is One Which Requires Published Legal Notice
 [D] ☐ Notification and/or Concurrent Approval by BLM or SLO
 U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
 [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or
 [F] ☐ Waivers are Attached

RECEIVED
2007 DEC 7 PM 3 04

[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Holly C. Perkins
Print or Type Name

Holly C. Perkins
Signature

Regulatory Compliance
Title
12-3-07
Date

Holly_perkins@xtoenergy.com
e-mail Address

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

Form C-107A
Revised June 10, 2003

APPLICATION TYPE

☒ Single Well

☐ Establish Pre-Approved Pools

EXISTING WELLBORE

☐ Yes ☒ No

APPLICATION FOR DOWNHOLE COMMINGLING

XTO Energy Inc.

Operator

382 CR 3100, AZTEC, NM 87410

Address

DHC-3973

JICARILLA APACHE

Lease

#11F

Well No.

UL D

SEC 28

T26N

R5W

RIO ARriba

County

OGRID No. 5380

Property Code

API No. 30-039-30192

Lease Type: ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	OTERO CHACRA	WC BASIN MANCOS	BLANCO MESAVERDE
Pool Code	82329	97232	72319
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	3021' - 3723'	5022' - 5412'	3723' - 5022'
Method of Production (Flowing or Artificial Life)	FLOWING	FLOWING	FLOWING
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)	NEW DRILL	NEW DRILL	NEW DRILL
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:
	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: 0 % Gas: 6.52 %	Oil: 40 % Gas: 6.52 %	Oil: 20 % Gas: 32.61 %

Are all working, overriding, and royalty interests identical in all commingled zones?
If not, have all working, overriding, and royalty interests been notified by certified mail?

Yes ☒ No ☐
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 communized 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

Holly C. Perkins

TITLE

REG COMPLIANCE TECH

DATE

9/18/2007

TYPE OR PRINT NAME

HOLLY C. PERKINS

TELEPHONE NO.

(505)

324-1090

E-MAIL

holly.perkins@xtoenergy.com

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
DISTRICT II
1301 W. Grand Avenue, Artesia, NM 88210
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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

Operator XTO Energy Inc. Address 382 CR 3100, AZTEC, NM 87410
Lease JICARILLA APACHE Well No. 11G Unit Letter-Section-Township-Range UL B SEC 20 T26N R5W County RIO ARriba
OGRID No. 5380 Property Code _____ API No. 30-039-30192 Lease Type: ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name			<u>BASIN DAKOTA</u>
Pool Code			<u>71599</u>
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)			<u>7001' - 7245'</u>
Method of Production (Flowing or Artificial Life)			<u>FLOWING</u>
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)			<u>NEW DRILL</u>
Producing, Shut-In or New Zone			<u>NEW ZONE</u>
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:
	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: %	Oil: % Gas: %	Oil: <u>40</u> % Gas: <u>54.35</u> %

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 Holly C. Perkins TITLE REG COMPLIANCE TECH DATE 9/18/2007
TYPE OR PRINT NAME HOLLY C. PERKINS TELEPHONE NO. (505) 324-1090
E-MAIL holly.perkins@xtoenergy.com

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. 30-039-30192
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. JIC 154
7. Lease Name or Unit Agreement Name: JICARILLA APACHE
8. Well Number #11F
9. OGRID Number 5380
10. Pool name or Wildcat BS DK/BL MV/BS MC/OT 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
382 CR 3100 Aztec, NM 87410 (505) 333-3100

4. Well Location

Unit Letter D 1210 feet from the NORTH line and 675 feet from the WEST line
Section 28 Township 26N Range 5W NMPM NMPM County SAN JUAN

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
6467' GROUND ELEVATION

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 COMPLETION ☐

OTHER: DOWNHOLE COMMINGLE ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND 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 proposes to downhole commingle production from the Basin DK (71599), Blanco MV (72319), Otero CH (82329) & WC Basin MC (97232) upon completion of the well. Allocations are based upon avg actual production fr/surrounding well in same Township/Range (documentation attached):

DK: Gas 54.35% Oil 40% Water 46% MV: Gas 32.61% Oil 20% Water 22%
MC: Gas 6.52% Oil 40% Water 22% CH: Gas 6.52% Oil 0% Water 10%

Owners are common between pools & notice to owners was unnecessary. DHC will offer an economical method of production while guarding against reservoir damage, waste of reserves & protection of correlative rights. The BLM was notified via Form 3160-5 on 9/18/2007.

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 Holly C. Perkins TITLE Regulatory Compliance Tech DATE 9/18/2007
E-mail address: Holly_perkins@xtoenergy.com Telephone No. 505-564-6726

Type or print name HOLLY C. PERKINS

For State Use Only

APPROVED BY _____ TITLE _____ DATE _____

Conditions of Approval, if any:

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 October 12, 2005

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*APN Number		*Pool Code 71599	*Pool Name BASIN DAKOTA
*Property Code	*Property Name JICARILLA APACHE		*Well Number 11F
*COORD. No. 5380	*Operator Name XTO ENERGY INC.		*Elevation 6467

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
D	28	26-N	5-W		1210	NORTH	675	WEST	RIO ARriba

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 W/2 320					*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

16		17 OPERATOR CERTIFICATION	
<p>16</p> <p>CALC'D. CORNER PROTRACTION</p> <p>S 89-54-36 E 5307.50 (C)</p> <p>1210'</p> <p>675'</p> <p>S 00-19-07 W 5282.60' (C)</p> <p>28</p> <p>LAT: 36.46162° N. (NAD 83) LONG: 107.37111° W. (NAD 83) LAT: 36°27'41.8" N. (NAD 27) LONG: 107°22'13.8" W. (NAD 27)</p> <p>CALC'D. CORNER PROTRACTION</p>		<p>17</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Kyla Vaughan</i> 1/29/07 Signature Date <i>Kyla Vaughan</i> Printed Name</p>	
18 SURVEYOR CERTIFICATION			
<p>18</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: 1/29/2006 Date of Survey Signature: <i>JOHN A. VUKOVICH</i> Surveyor 14831 REGISTERED PROFESSIONAL SURVEYOR Certificate Number</p>			

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

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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 October 12, 2005

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number	*Pool Code	*Pool Name
	72319	BLANCO MESAVERDE
*Property Code	*Property Name	*Well Number
	JICARILLA APACHE	11F
*OGRIID No.	*Operator Name	*Elevation
5380	XTO ENERGY INC.	6467

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
D	28	26-N	5-W		1210	NORTH	675	WEST	RIO ARriba

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			*Joint or Infill		*Consolidation Code		*Order No.		
W/2 320									

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>CALC'D. CORNER PROTRACTION</p> <p>S 89-54-36 E 5307.50 (C)</p> <p>1210'</p> <p>675'</p> <p>S 00-19-07 W 5282.60' (C)</p> <p>28</p> <p>LAT: 36.46162° N. (NAD 83) LONG: 107.37111° W. (NAD 83) LAT: 36°27'41.8" N. (NAD 27) LONG: 107°22'13.8" W. (NAD 27)</p> <p>CALC'D. CORNER PROTRACTION</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, and that this organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><u>Kyla Vaughan</u> 12/29/07 Signature Date <u>Kyla Vaughan</u> Printed Name</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 Registered Professional Surveyor</p> <p>NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR 14831</p> <p>_____ Certificate Number</p>

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

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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 October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number		*Pool Code		*Well Name WC BASIN MANCOS	
*Property Code		*Property Name JICARILLA APACHE			*Well Number 11F
*OGRID No. 5380		*Operator Name XTO ENERGY INC.			*Elevation 6467

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
D	28	26-N	5-W		1210	NORTH	675	WEST	RIO ARriba

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 NW/4 160					*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>15</p> <p>CALC'D. CORNER PROTRACTOR</p> <p>1210'</p> <p>675'</p> <p>S 89-54-36 E 5307.50 (C)</p> <p>S 00-19-07 W 5282.60' (C)</p> <p>28</p> <p>LAT: 36.46162° N. (NAD 83) LONG: 107.37111° W. (NAD 83) LAT: 36°27'41.8" N. (NAD 27) LONG: 107°22'13.8" W. (NAD 27)</p> <p>CALC'D. CORNER PROTRACTOR</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, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Kyla Vaughan</i> 1/29/07 Signature Date <i>Kyla Vaughan</i> Printed Name</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: 1/29/2006 Signature: <i>JOHN A. WUKONICH</i> Printed Name: JOHN A. WUKONICH Professional Surveyor 14831 Certificate Number</p>	
--	--	--	--

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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 October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

* APT Number	* Pool Code 82329	* Pool Name OTERO CHACRA
* Property Code	* Property Name JICARILLA APACHE	* Well Number 11F
* OGRD No. 5380	* Operator Name XTO ENERGY INC.	* Devotion 6467

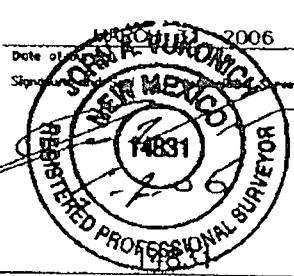
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	28	26-N	5-W		1210	NORTH	675	WEST	RIO ARRIBA

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
NW/4	160								
* Dedicated Acres			** 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

16	<p>CALC'D. CORNER PROTRACTION</p> <p>S 89-54-36 E 5307.50 (C)</p> <p>120'</p> <p>675'</p> <p>S 00-19-07 W 5282.60' (C)</p> <p>28</p> <p>LAT: 36.46162° N. (NAD 83) LONG: 107.37111° W. (NAD 83) LAT: 36°27'41.8" N. (NAD 27) LONG: 107°22'13.8" W. (NAD 27)</p> <p>CALC'D. CORNER PROTRACTION</p>	17 OPERATOR CERTIFICATION
		<p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Kyla Vaughan</i> 1/29/07 Signature Date <i>Kyla Vaughan</i> Printed Name</p>
		18 SURVEYOR CERTIFICATION
		<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 2006 Date of Survey Signature of Registered Professional Surveyor  Certificate Number</p>

Jicarilla Apache #11F Allocation

Well Name	No. Operator	Location		Rng	LOCATION	Field	Reservoir	Cum Oil (mbo)	Cum Gas (mmcf)	Cum Wtr (mbbl)	EUR Oil (mbo)	EUR Gas (mmcf)
JICARILLA A	9 CDX RIO LIMITED LIABILITY CORPORATION	20	D 26N	5W	20D 26N 5W SE NW NW	OTERO CHACRA		0	58	0	0	59
JICARILLA APACHE	3 XTO ENERGY INCORPORATED	34	D 26N	5W	34D 26N 5W SE NW NW	OTERO CHACRA		0	345	0	0	355
JICARILLA APACHE	11 XTO ENERGY INCORPORATED	28	M 26N	5W	28M 26N 5W NE SW SW	OTERO CHACRA		0	132	1	2	776
JICARILLA APACHE	12 XTO ENERGY INCORPORATED	33	A 26N	5W	33A 26N 5W SW NE NE	OTERO CHACRA		0	137	1	0	408
JICARILLA APACHE	13 XTO ENERGY INCORPORATED	33	M 26N	5W	33M 26N 5W NE SW SW	OTERO CHACRA		0	105	0	0	293
JICARILLA APACHE	14 XTO ENERGY INCORPORATED	34	M 26N	5W	34M 26N 5W NE SW SW	OTERO CHACRA		0	102	0	0	265
JICARILLA APACHE	16 XTO ENERGY INCORPORATED	34	I 26N	5W	34I 26N 5W SW NE SE	OTERO CHACRA		0	108	1	0	335
JICARILLA APACHE	19 XTO ENERGY INCORPORATED	28	B 26N	5W	28B 26N 5W SE NW NE	OTERO CHACRA		0	193	0	0	587
JICARILLA APACHE	20 MARATHON OIL COMPANY	27	M 26N	5W	27M 26N 5W NE SW SW	OTERO CHACRA		0	52	0	0	52
JICARILLA APACHE	13E XTO ENERGY INCORPORATED	33	E 26N	5W	33E 26N 5W NE SW NW	OTERO CHACRA		0	117	1	0	325
JICARILLA CONTRACT 155	23 CDX RIO LIMITED LIABILITY CORPORATION	32	N 26N	5W	32N 26N 5W NW SE SW	OTERO CHACRA		0	292	0	0	362
JICARILLA CONTRACT 155	26 CDX RIO LIMITED LIABILITY CORPORATION	29	L 26N	5W	29L 26N 5W SE NW SW	OTERO CHACRA		0	117	0	0	237
JICARILLA CONTRACT 155	27 CDX RIO LIMITED LIABILITY CORPORATION	32	J 26N	5W	32J 26N 5W SE NW SE	OTERO CHACRA		0	253	0	0	443
JICARILLA CONTRACT 155	29 CDX RIO LIMITED LIABILITY CORPORATION	32	F 26N	5W	32F 26N 5W NW SE NW	OTERO CHACRA		0	305	0	0	527
JICARILLA CONTRACT 155	31 CDX RIO LIMITED LIABILITY CORPORATION	29	H 26N	5W	29H 26N 5W NW SE NE	OTERO CHACRA		0	142	2	0	163
JICARILLA CONTRACT 155	19E CDX RIO LIMITED LIABILITY CORPORATION	29	J 26N	5W	29J 26N 5W SE NW SE	OTERO CHACRA		0	233	1	0	332
JICARILLA CONTRACT 155	20E CDX RIO LIMITED LIABILITY CORPORATION	29	C 26N	5W	29C 26N 5W SW NE NW	OTERO CHACRA		0	135	0	0	164
JICARILLA GAS COM 155 A	1 CDX RIO LIMITED LIABILITY CORPORATION	32	H 26N	5W	32H 26N 5W NW SE NE	OTERO CHACRA		1	303	2	9	483
Average										1	1	343
JICARILLA A	5 CDX RIO LIMITED LIABILITY CORPORATION	20	G 26N	5W	20G 26N 5W SW NE	BASIN DAKOTA		53	1,821	40	40	2203
JICARILLA A	6 CDX RIO LIMITED LIABILITY CORPORATION	20	M 26N	5W	20M 26N 5W SW SW	BASIN DAKOTA		37	1,034	2	28	1451
JICARILLA A	5E CDX RIO LIMITED LIABILITY CORPORATION	20	J 26N	5W	20J 26N 5W SE NW SE	BASIN DAKOTA		12	739	3	14	1150
JICARILLA A	6E CDX RIO LIMITED LIABILITY CORPORATION	20	E 26N	5W	20E 26N 5W NE SW NW	BASIN DAKOTA		10	410	3	14	682
JICARILLA APACHE	8 XTO ENERGY INCORPORATED	27	P 26N	5W	27P 26N 5W NW SE SE	BASIN DAKOTA		12	1,536	2	12	1686
JICARILLA APACHE	9 XTO ENERGY INCORPORATED	28	A 26N	5W	28A 26N 5W NE NE	BASIN DAKOTA		59	6,598	5	60	7249
JICARILLA APACHE	10 XTO ENERGY INCORPORATED	27	B 26N	5W	27B 26N 5W SE NW NE	BASIN DAKOTA		17	2,067	2	19	2274
JICARILLA APACHE	11 XTO ENERGY INCORPORATED	28	M 26N	5W	28M 26N 5W NE SW SW	BASIN DAKOTA		30	2,248	3	30	2248
JICARILLA APACHE	12 XTO ENERGY INCORPORATED	33	A 26N	5W	33A 26N 5W SW NE NE	BASIN DAKOTA		18	2,399	3	18	2644
JICARILLA APACHE	13 XTO ENERGY INCORPORATED	33	M 26N	5W	33M 26N 5W NE SW SW	BASIN DAKOTA		15	1,573	2	15	1651
JICARILLA APACHE	14 XTO ENERGY INCORPORATED	34	I 26N	5W	34M 26N 5W NE SW SW	BASIN DAKOTA		27	2,709	2	27	2804
JICARILLA APACHE	16 XTO ENERGY INCORPORATED	34	I 26N	5W	34I 26N 5W SW NE SE	BASIN DAKOTA		10	1,463	4	11	1573
JICARILLA APACHE	10E XTO ENERGY INCORPORATED	27	C 26N	5W	27C 26N 5W SW NE NW	BASIN DAKOTA		8	1,731	3	10	2561
JICARILLA APACHE	11E XTO ENERGY INCORPORATED	28	C 26N	5W	28C 26N 5W SW NE NW	BASIN DAKOTA		11	1,192	3	10	1151
JICARILLA APACHE	12E XTO ENERGY INCORPORATED	33	J 26N	5W	33J 26N 5W SE NW SE	BASIN DAKOTA		12	1,999	3	13	3021
JICARILLA APACHE	13E XTO ENERGY INCORPORATED	33	E 26N	5W	33E 26N 5W NE SW NW	BASIN DAKOTA		7	565	2	7	681
JICARILLA APACHE	14E XTO ENERGY INCORPORATED	34	F 26N	5W	34F 26N 5W NW SE NW	BASIN DAKOTA		12	1,084	6	13	1713
JICARILLA APACHE	16E XTO ENERGY INCORPORATED	34	A 26N	5W	34A 26N 5W SW NE NE	BASIN DAKOTA		7	1,197	5	12	1594

Jicarilla Apache #11F Allocation

Well Name	No. Operator	Location			Field	Reservoir	Cum Oil		Cum Gas		Cum Wtr		EUR Oil		EUR Gas	
		Sec	UL	Twn			Rng	LOCATION	(mbo)	(mmcf)	(mbbl)	(mbo)	(mmcf)	(mbo)	(mmcf)	
JICARILLA APACHE	8E XTO ENERGY INCORPORATED	27	K	26N	5W	27K 26N 5W SW NE SW	BASIN	DAKOTA	6	1,330	5	6	1986			
JICARILLA APACHE	9E XTO ENERGY INCORPORATED	28	O	26N	5W	28O 26N 5W NE SW SE	BASIN	DAKOTA	8	1,105	2	8	1230			
JICARILLA B	1 CDX RIO LIMITED LIABILITY CORPORATION	22	G	26N	5W	22G 26N 5W SW NE	BASIN	DAKOTA	50	4,114	2	25	4387			
JICARILLA B	4 CDX RIO LIMITED LIABILITY CORPORATION	21	H	26N	5W	21H 26N 5W SE NE	BASIN	DAKOTA	39	3,203	7	31	3757			
JICARILLA B	5 CDX RIO LIMITED LIABILITY CORPORATION	21	K	26N	5W	21K 26N 5W NE SW	BASIN	DAKOTA	25	1,279	2	17	1574			
JICARILLA B	6 CDX RIO LIMITED LIABILITY CORPORATION	22	K	26N	5W	22K 26N 5W SW NE SW	BASIN	DAKOTA	29	2,505	3	20	2795			
JICARILLA B	1E CDX RIO LIMITED LIABILITY CORPORATION	22	I	26N	5W	22I 26N 5W SW NE SE	BASIN	DAKOTA	2	761	6	4	1017			
JICARILLA B	4E CDX RIO LIMITED LIABILITY CORPORATION	21	P	26N	5W	21P 26N 5W NW SE SE	BASIN	DAKOTA	2	448	5	3	737			
JICARILLA B	5E CDX RIO LIMITED LIABILITY CORPORATION	21	E	26N	5W	21E 26N 5W NE SW NW	BASIN	DAKOTA	9	431	2	14	513			
JICARILLA B	6E CDX RIO LIMITED LIABILITY CORPORATION	22	C	26N	5W	22C 26N 5W SW NE NW	BASIN	DAKOTA	6	770	7	7	1076			
JICARILLA CONTRACT 155	12 CDX RIO LIMITED LIABILITY CORPORATION	32	K	26N	5W	32K 26N 5W SW NE SW	BASIN	DAKOTA	27	1,956	4	16	2237			
JICARILLA CONTRACT 155	19 BP AMERICA PRODUCTION COMPANY	29	A	26N	5W	29A 26N 5W NE NE	BASIN	DAKOTA	23	1,446	2	15	1446			
JICARILLA CONTRACT 155	20 CDX RIO LIMITED LIABILITY CORPORATION	29	N	26N	5W	29N 26N 5W NW SE SW	BASIN	DAKOTA	18	1,360	5	21	1626			
JICARILLA CONTRACT 155	12E CDX RIO LIMITED LIABILITY CORPORATION	32	J	26N	5W	32J 26N 5W SE NW SE	BASIN	DAKOTA	7	1,148	5	9	1587			
JICARILLA CONTRACT 155	19E CDX RIO LIMITED LIABILITY CORPORATION	29	J	26N	5W	29J 26N 5W SE NW SE	BASIN	DAKOTA	11	976	4	14	1490			
JICARILLA CONTRACT 155	20E CDX RIO LIMITED LIABILITY CORPORATION	29	C	26N	5W	29C 26N 5W SW NE NW	BASIN	DAKOTA	8	532	3	10	838			
JICARILLA GAS COM C	1 CDX RIO LIMITED LIABILITY CORPORATION	32	A	26N	5W	32A 26N 5W SW NE NE	BASIN	DAKOTA	12	1,408	3	10	1517			
JICARILLA GAS COM C	1E CDX RIO LIMITED LIABILITY CORPORATION	32	F	26N	5W	32F 26N 5W NW SE NW	BASIN	DAKOTA	6	1,036	13	7	1547			
Average									6		5	16	1,936			
JICARILLA A	9 CDX RIO LIMITED LIABILITY CORPORATION	20	D	26N	5W	20D 26N 5W SE NW NW		BLANCMESAVER	1	182	1	1	247			
JICARILLA APACHE	9 XTO ENERGY INCORPORATED	28	A	26N	5W	28A 26N 5W NE NE		BLANCMESAVER	1	199	1	1	411			
JICARILLA APACHE	11 XTO ENERGY INCORPORATED	28	M	26N	5W	28M 26N 5W NE SW SW		BLANCMESAVER	2	104	1	10	624			
JICARILLA APACHE	12 XTO ENERGY INCORPORATED	33	A	26N	5W	33A 26N 5W SW NE NE		BLANCMESAVER	1	187	1	1	404			
JICARILLA APACHE	13 XTO ENERGY INCORPORATED	33	M	26N	5W	33M 26N 5W NE SW SW		BLANCMESAVER	5	473	5	6	1218			
JICARILLA APACHE	14 XTO ENERGY INCORPORATED	34	M	26N	5W	34M 26N 5W NE SW SW		BLANCMESAVER	6	325	5	12	869			
JICARILLA APACHE	16 XTO ENERGY INCORPORATED	34	I	26N	5W	34I 26N 5W SW NE SE		BLANCMESAVER	1	185	1	1	360			
JICARILLA APACHE	11E XTO ENERGY INCORPORATED	28	C	26N	5W	28C 26N 5W SW NE NW		BLANCMESAVER	0	48	0	1	262			
JICARILLA APACHE	13E XTO ENERGY INCORPORATED	33	E	26N	5W	33E 26N 5W NE SW NW		BLANCMESAVER	10	470	2	11	761			
JICARILLA APACHE	14E XTO ENERGY INCORPORATED	34	F	26N	5W	34F 26N 5W NW SE NW		BLANCMESAVER	2	67	4	2	105			
JICARILLA APACHE	16E XTO ENERGY INCORPORATED	34	A	26N	5W	34A 26N 5W SW NE NE		BLANCMESAVER	2	286	2	3	401			
JICARILLA APACHE	8E XTO ENERGY INCORPORATED	27	K	26N	5W	27K 26N 5W SW NE SW		BLANCMESAVER	3	450	10	3	560			
JICARILLA APACHE	9E XTO ENERGY INCORPORATED	28	O	26N	5W	28O 26N 5W NE SW SE		BLANCMESAVER	2	586	1	3	1116			
JICARILLA B	5 CDX RIO LIMITED LIABILITY CORPORATION	21	K	26N	5W	21K 26N 5W NE SW		BLANCMESAVER	1	108	1	4	546			
JICARILLA B	5E BP AMERICA PRODUCTION COMPANY	21	E	26N	5W	21E 26N 5W NE SW NW		BLANCMESAVER	0	30	0	0	30			
JICARILLA CONTRACT 155	20 CDX RIO LIMITED LIABILITY CORPORATION	29	N	26N	5W	29N 26N 5W NW SE SW		BLANCMESAVER	15	165	3	17	199			
JICARILLA CONTRACT 155	23 CDX RIO LIMITED LIABILITY CORPORATION	32	N	26N	5W	32N 26N 5W NW SE SW		BLANCMESAVER	4	515	1	4	593			
JICARILLA CONTRACT 155	27 CDX RIO LIMITED LIABILITY CORPORATION	32	J	26N	5W	32J 26N 5W SE NW SE		BLANCMESAVER	15	420	3	19	611			

Jicarilla Apache #11F Allocation

Well Name	No. Operator	Location			Field	Reservoir	Cumulative			EUR Oil	EUR Gas
		Sec	UL	Twn	Rng	LOCATION	(mbo)	(mmcf)	(mbbl)		
JICARILLA CONTRACT 155	29 CDX RIO LIMITED LIABILITY CORPORATION	32	F	26N	5W	32F 26N 5W NW SE NW	14	527	7	17	856
JICARILLA CONTRACT 155	32 CDX RIO LIMITED LIABILITY CORPORATION	29	P	26N	5W	29P 26N 5W NW SE SE	8	193	5	11	293
JICARILLA CONTRACT 155	33 CDX RIO LIMITED LIABILITY CORPORATION	29	A	26N	5W	29A 26N 5W SW NE NE	3	261	2	3	308
JICARILLA CONTRACT 155	33A CDX RIO LIMITED LIABILITY CORPORATION	29	C	26N	5W	29C 26N 5W SW NE NW	3	286	1	3	480
JICARILLA GAS COM 155 A	1 CDX RIO LIMITED LIABILITY CORPORATION	32	H	26N	5W	32H 26N 5W NW SE NE	34	580	1	35	673
Average									2	7	519

Allocation			Oil			Gas		
Chacra	7%		3%			12%		
Dakota	62%		67%			69%		
Mesave	31%		30%			19%		

Jicarilla Apache Gas Allocations

<u>Reservoir</u>	<u>Daily Gas Rate</u>	<u>Methodology</u>
Dakota	250	Dakota is on 80 acre spacing now. Used avg daily rate for first 80 acre Dakota well drilled, Jicarilla Apache #14G, to take depletion into consideration.
Mancos	30	Calculated avg daily rate for all currently producing Gallup/Mancos Wells in the surrounding area.
Mesaverde	150	Mesaverde is on 80 acre spacing now. Used avg daily rate for first 80 acre Mesaverde well drilled, Jicarilla Apache #16G, to take depletion into consideration.
Chacra	30	Calculated avg daily rate for all currently producing Chacra wells in the surrounding area.

<u>Allocation</u>	<u>Gas</u>
Dakota	54.35%
Mancos	6.52%
Mesaverde	32.61%
Chacra	6.52%

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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

382 CR 3100, AZTEC, NM 87410

3b. Phone No. (include area code)

505-333-3100

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

1210' FNL & 675' FWL SEC 28-T26N-R05W

5. Lease Serial No.

JIC-154

6. If Indian, Allottee or Tribe Name

JICARILLA APACHE

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

8. Well Name and No.

JICARILLA APACHE #11F

9. API Well No.

30-039-30192

10. Field and Pool, or Exploratory Area

BASIN DK / BLANCO MV

WC BASIN MC / OTERO CH

11. County or Parish, State

RIO ARriba NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<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	

3. 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. proposes to downhole commingle production from the Basin Dakota (71599), the Blanco Mesaverde (72319), the Otero Chacra (82329) and the Wildcat Basin Mancos (97232) upon completion of the well. Allocations are based upon avg actual production from surrounding wells in the same Township/Range (documentation attached):

Basin Dakota:	Gas 54.35%	Oil: 40%	Water: 46%
Blanco Mesaverde:	Gas 32.61%	Oil: 20%	Water: 22%
WC Basin Mancos:	Gas: 6.52%	Oil: 40%	Water: 22%
Otero Chacra:	Gas: 6.52%	Oil: 0%	Water: 10%

Owners are common between pools and notice to owners was unnecessary. Downhole commingling will offer an economical method of production while guarding against reservoir damage, waste of reserves & protection of correlative rights. The NMOC was notified via Form C103 and C107A submitted 9/18/2007.

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

Name (Printed/Typed)

HOLLY C. PERKINS

Title

REGULATORY COMPLIANCE TECH

Date 9/18/2007

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.