

11/8/07 DATE IN	SUSPENSE	W. Jones ENGINEER	11/8/07 LOGGED IN	DHC TYPE	APP NO. PTD50700851447
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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

- [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.

Print or Type Name	Signature	Title	Date
		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

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

Lease JICARILLA APACHE Well No. #9F SEC 281- T26N-R5W DHC-3840 Rio Arriba
County

OGRID No. 5380 Property Code 30320 API No. 30-039-29655 Lease Type: ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	WILDCAT BASIN MANCOS	OTERO CHACRA	BLANCO MESAVERDE
Pool Code	97232	82329	72319
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	6403' - 6656'	3900' - 4200'	4650' - 5500'
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: 40 % Gas: 6.5 %	Oil: 0 % Gas: 6.5 %	Oil: 20 % Gas: 32.6 %

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 REG COMPLIANCE TECH DATE 1/5/07

TYPE OR PRINT NAME LORRI D. BINGHAM TELEPHONE NO. (505) 324-1090

E-MAIL lorri_bingham@xtoenergy.com

DISTRICT I
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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 2700 Farmington Ave., Bldg. K, Ste 1 Farmington, NM 87401

Lease JICARILLA APACHE Well No. #9F Unit Letter-Section-Township-Range SEC 28I- T26N-R5W County SAN JUAN

OGRID No. 5380 Property Code 30320 API No. 30-039-29655 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>7200' - 7700'</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>54.4</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 Lorri D. Bingham TITLE REG COMPLIANCE TECH DATE 1/5/07

TYPE OR PRINT NAME LORRI D. BINGHAM TELEPHONE NO. (505) 324-1090

E-MAIL lorri_bingham@xtoenergy.com

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

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)

1700' FSL & 665' FEL SEC 28I-T26N-R5W

5. Lease Serial No.

JIC-154

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

JICARILLA APACHE #9F

9. API Well No.

30-039-29655

10. Field and Pool, or Exploratory Area

WILDCAT BASIN MC/BASIN DK
BLANCO MV/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

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

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. is requesting approval to DHC production from the Wildcat Basin Mancos the Basin Dakota (71599), the Blanco Mesaverde (72319) and the Otero Chacra (82329) upon completion. The proposed allocations are based upon an individual pool average EUR of wells located in a 9-section surrounding area. Attached is supporting documentation for allocations, plats and copies of our C107A and C103 filed with the NMOCD in Santa Fe. Based on the average EUR, XTO proposes allocations as follows:

Wildcat Basin Mancos Oil:	40%	Gas:	6.5%	Water:	22.22%
Basin Dakota Oil:	40%	Gas:	54.4%	Water:	44.44%
Blanco Mesaverde Oil:	20%	Gas:	32.6%	Water:	22.22%
Otero Chacra Oil:	0%	Gas:	6.5%	Water:	11.11%

Ownership is common between pools; therefore, no notice was necessary to owners. The downhole commingle will offer an economical method of production, protect against reservoir damage, waste of reserves & correlative rights. The NMOCD in Santa Fe has been notified via submittal of Form C107A.

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

LORRI D. BINGHAM

Title

REGULATORY COMPLIANCE TECH

Date 1/5/07

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.

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

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

Fee Lease - 3 Copies

☐ AMENDED REPORT

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

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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 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 30-039-29655	² Pool Code 71599	³ Pool Name BLANCO MESA VERDE
⁴ Property Code	⁵ Property Name JICARILLA APACHE	⁶ Well Number 9F
⁷ OGRID No. 16707	⁸ Operator Name XTO ENERGY INC.	⁹ Elevation 6668

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
1	28	26-N	5-W		1700	SOUTH	665	EAST	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
¹² Dedicated Acres E/2 320					¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.

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

16

	<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>Signature: <u>Kyla Vaughan</u></p> <p>Printed Name: <u>Kyla Vaughan</u></p> <p>Title: <u>Regulatory Comp.</u></p> <p>Date: <u>1/19/06</u></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>MARCH 10, 2006 Date of Survey</p> <p>Signature: <u>JOHN A. VUKONICH</u></p> <p>JOHN A. VUKONICH NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR 14891</p> <p>Certificate Number: <u>14891</u></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 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 30-039-29655	² Pool Code 82329	³ Pool Name OTERO CHACRA
⁴ Property Code	⁵ Property Name JICARILLA APACHE	⁶ Well Number 9F
⁷ OCRID No. 16707	⁸ Operator Name XTO ENERGY INC.	⁹ Elevation 6668

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
1	28	26-N	5-W		1700	SOUTH	665	EAST	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
¹² Dedicated Acres SE 1/4 160					¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.

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

16

	<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>Signature: <u>Kyla Vaughan</u></p> <p>Printed Name: <u>Kyla Vaughan</u></p> <p>Title: <u>Regulatory Comp</u></p> <p>Date: <u>11/18/08</u></p>

DISTRICT I
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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 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 30-039-29655		2 Pool Code 97232		3 Pool Name WC BASIN MANCOS	
4 Property Code		5 Property Name JICARILLA APACHE			6 Well Number 9F
7 OGRID No. 167067		8 Operator Name XTO ENERGY INC.			9 Elevation 6668

10 Surface Location

UL or lot no. 1	Section 28	Township 26-N	Range 5-W	Lot Idn	Feet from the 1700 FSL	North/South line SOUTH	Feet from the 665	East/West line EAST	County RIO ARRIBA
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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
12 Dedicated Acres 160 SE/4		13 Joint or InFB		14 Consolidation Code		15 Order No.			


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

16

	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature: <i>Kyla Vaughan</i> Printed Name: <i>Kyla Vaughan</i> Title: <i>Regulatory Compliance</i> Date: <i>5/26/06</i>	
	18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date: <i>MARCH 10 2006</i> Signature: <i>JOHN VUKOVICH</i> Title: <i>Registered Professional Surveyor</i> Certificate Number: <i>14831</i>	



Mandi Moncrief/FTW/CTOC
01/04/2007 12:40 PM

To Lorri Bingham/FAR/CTOC@CTOC
cc
bcc
Subject Re: Jicarilla Apache #9F 

The oil and water allocations are based on the 9-section EUR average and is shown in the attached spreadsheet. The gas allocations are based on the average daily rates of all zones. The average daily rates I used to calculate the allocations are as follows:

Dakota = 250 mcf/day
Mesaverde = 150 mcf/day
Mancos = 30 mcf/day
Chacra = 30 mcf/day



Jicarilla Apache Allocations.xls

Mandi Moncrief
Reservoir Engineer
San Juan Basin
XTO Energy
(817) 885 - 3045
Lorri Bingham/FAR/CTOC

Lorri Bingham/FAR/CTOC
01/03/2007 05:07 PM

To Mandi Moncrief/FTW/CTOC@CTOC
cc
Subject Jicarilla Apache #9F

Hi Mandi,

Brock provided some allocation #'s for the Jicarilla Apache #9F and said that if I had any questions to ask you. Are the allocation #'s based on a 9-section EUR? If so, do you have a spreadsheet that I can send to support the allocations?

Thanks,
Lorri Bingham
Regulatory Compliance Technician
XTO Energy, Inc./Farmington

Jicarilla Apache Allocations

Well Name	No.	Operator	Location	Reservoir	EUR Oil (mbo)	Cum Wtr (mbbl)
JICARILLA APACHE	3	XTO ENERGY INCORPORATED	34D 26N 5W SE NW NW	CHACRA	0	0
JICARILLA APACHE	11	XTO ENERGY INCORPORATED	28M 26N 5W NE SW SW	CHACRA	0	1
JICARILLA APACHE	12	XTO ENERGY INCORPORATED	33A 26N 5W SW NE NE	CHACRA	0	1
JICARILLA APACHE	13	XTO ENERGY INCORPORATED	33M 26N 5W NE SW SW	CHACRA	0	0
JICARILLA APACHE	14	XTO ENERGY INCORPORATED	34M 26N 5W NE SW SW	CHACRA	0	0
JICARILLA APACHE	16	XTO ENERGY INCORPORATED	34I 26N 5W SW NE SE	CHACRA	0	1
JICARILLA APACHE	19	XTO ENERGY INCORPORATED	28B 26N 5W SE NW NE	CHACRA	0	0
JICARILLA APACHE	13E	XTO ENERGY INCORPORATED	33E 26N 5W NE SW NW	CHACRA	0	1
JICARILLA CONTRACT 155	23	CDX RIO LIMITED LIABILITY CORPORATION	32N 26N 5W NW SE SW	CHACRA	0	0
JICARILLA CONTRACT 155	27	CDX RIO LIMITED LIABILITY CORPORATION	32J 26N 5W SE NW SE	CHACRA	0	0
JICARILLA CONTRACT 155	29	CDX RIO LIMITED LIABILITY CORPORATION	32F 26N 5W NW SE NW	CHACRA	0	0
JICARILLA CONTRACT 155	31	CDX RIO LIMITED LIABILITY CORPORATION	29H 26N 5W NW SE NE	CHACRA	0	2
JICARILLA CONTRACT 155	19E	CDX RIO LIMITED LIABILITY CORPORATION	29J 26N 5W SE NW SE	CHACRA	0	1
JICARILLA CONTRACT 155	20E	CDX RIO LIMITED LIABILITY CORPORATION	29C 26N 5W SW NE NW	CHACRA	0	0
JICARILLA GAS COM 155 A	1	CDX RIO LIMITED LIABILITY CORPORATION	32H 26N 5W NW SE NE	CHACRA	1	2
Average					0	1
JICARILLA A	5	CDX RIO LIMITED LIABILITY CORPORATION	20G 26N 5W SW NE	DAKOTA	54	40
JICARILLA A	6	CDX RIO LIMITED LIABILITY CORPORATION	20M 26N 5W SW SW	DAKOTA	38	2
JICARILLA A	5E	CDX RIO LIMITED LIABILITY CORPORATION	20J 26N 5W SE NW SE	DAKOTA	12	3
JICARILLA A	6E	CDX RIO LIMITED LIABILITY CORPORATION	20E 26N 5W NE SW NW	DAKOTA	11	4
JICARILLA APACHE	8	XTO ENERGY INCORPORATED	27P 26N 5W NW SE SE	DAKOTA	12	2
JICARILLA APACHE	9	XTO ENERGY INCORPORATED	28A 26N 5W NE NE	DAKOTA	59	5
JICARILLA APACHE	10	XTO ENERGY INCORPORATED	27B 26N 5W SE NW NE	DAKOTA	18	2
JICARILLA APACHE	11	XTO ENERGY INCORPORATED	28M 26N 5W NE SW SW	DAKOTA	30	3
JICARILLA APACHE	12	XTO ENERGY INCORPORATED	33A 26N 5W SW NE NE	DAKOTA	18	3
JICARILLA APACHE	13	XTO ENERGY INCORPORATED	33M 26N 5W NE SW SW	DAKOTA	15	2
JICARILLA APACHE	14	XTO ENERGY INCORPORATED	34M 26N 5W NE SW SW	DAKOTA	27	2
JICARILLA APACHE	16	XTO ENERGY INCORPORATED	34I 26N 5W SW NE SE	DAKOTA	11	4
JICARILLA APACHE	10E	XTO ENERGY INCORPORATED	27C 26N 5W SW NE NW	DAKOTA	8	3
JICARILLA APACHE	11E	XTO ENERGY INCORPORATED	28C 26N 5W SW NE NW	DAKOTA	11	3
JICARILLA APACHE	12E	XTO ENERGY INCORPORATED	33J 26N 5W SE NW SE	DAKOTA	12	4
JICARILLA APACHE	13E	XTO ENERGY INCORPORATED	33E 26N 5W NE SW NW	DAKOTA	7	2
JICARILLA APACHE	14E	XTO ENERGY INCORPORATED	34F 26N 5W NW SE NW	DAKOTA	12	6
JICARILLA APACHE	14F	XTO ENERGY INCORPORATED	34D 26N 5W SE NW NW	DAKOTA	0	0
JICARILLA APACHE	14G	XTO ENERGY INCORPORATED	34K 26N 5W NW NE SW	DAKOTA	0	0
JICARILLA APACHE	16E	XTO ENERGY INCORPORATED	34A 26N 5W SW NE NE	DAKOTA	7	5
JICARILLA APACHE	16F	XTO ENERGY INCORPORATED	34O 26N 5W NW SW SE	DAKOTA	0	0
JICARILLA APACHE	16G	XTO ENERGY INCORPORATED	34H 26N 5W SW SE NE	DAKOTA	0	0
JICARILLA APACHE	8E	XTO ENERGY INCORPORATED	27K 26N 5W SW NE SW	DAKOTA	6	5
JICARILLA APACHE	8G	XTO ENERGY INCORPORATED	27N 26N 5W NE SE SW	DAKOTA	0	0
JICARILLA APACHE	9E	XTO ENERGY INCORPORATED	28O 26N 5W NE SW SE	DAKOTA	8	2

JICARILLA B	1 CDX RIO LIMITED LIABILITY CORPORATION	22G 26N 5W SW NE	DAKOTA	50	3
JICARILLA B	4 CDX RIO LIMITED LIABILITY CORPORATION	21H 26N 5W SE NE	DAKOTA	40	8
JICARILLA B	5 CDX RIO LIMITED LIABILITY CORPORATION	21K 26N 5W NE SW	DAKOTA	25	2
JICARILLA B	6 CDX RIO LIMITED LIABILITY CORPORATION	22K 26N 5W SW NE SW	DAKOTA	29	4
JICARILLA B	1E CDX RIO LIMITED LIABILITY CORPORATION	22I 26N 5W SW NE SE	DAKOTA	2	6
JICARILLA B	4E CDX RIO LIMITED LIABILITY CORPORATION	21P 26N 5W NW SE SE	DAKOTA	2	5
JICARILLA B	5E CDX RIO LIMITED LIABILITY CORPORATION	21E 26N 5W NE SW NW	DAKOTA	9	2
JICARILLA B	6E CDX RIO LIMITED LIABILITY CORPORATION	22C 26N 5W SW NE NW	DAKOTA	6	7
JICARILLA B	11 CDX RIO LIMITED LIABILITY CORPORATION	4K 25N 5W SW NE SW	DAKOTA	18	1
JICARILLA CONTRACT 146	17 CDX RIO LIMITED LIABILITY CORPORATION	3G 25N 5W NE SW NE	DAKOTA	15	2
JICARILLA CONTRACT 146	19 CDX RIO LIMITED LIABILITY CORPORATION	4 25N 5W SW NE NE	DAKOTA	11	3
JICARILLA CONTRACT 146	21 BP AMERICA PRODUCTION COMPANY	3K 25N 5W SW NE SW	DAKOTA	8	0
JICARILLA CONTRACT 146	11E CDX RIO LIMITED LIABILITY CORPORATION	4O 25N 5W NE SW SE	DAKOTA	11	7
JICARILLA CONTRACT 146	17E CDX RIO LIMITED LIABILITY CORPORATION	3J 25N 5W SE NW SE	DAKOTA	4	6
JICARILLA CONTRACT 146	19E CDX RIO LIMITED LIABILITY CORPORATION	4 25N 5W SW NE NW	DAKOTA	3	4
JICARILLA CONTRACT 146	21E CDX RIO LIMITED LIABILITY CORPORATION	3F 25N 5W NW SE NW	DAKOTA	8	4
JICARILLA CONTRACT 146	21R CDX RIO LIMITED LIABILITY CORPORATION	3N 25N 5W NW SE SW	DAKOTA	1	2
JICARILLA CONTRACT 155	12 CDX RIO LIMITED LIABILITY CORPORATION	32K 26N 5W SW NE SW	DAKOTA	28	4
JICARILLA CONTRACT 155	19 BP AMERICA PRODUCTION COMPANY	29A 26N 5W NE NE	DAKOTA	23	2
JICARILLA CONTRACT 155	20 CDX RIO LIMITED LIABILITY CORPORATION	29N 26N 5W NW SE SW	DAKOTA	18	5
JICARILLA CONTRACT 155	12E CDX RIO LIMITED LIABILITY CORPORATION	32J 26N 5W SE NW SE	DAKOTA	7	5
JICARILLA CONTRACT 155	19E CDX RIO LIMITED LIABILITY CORPORATION	28J 26N 5W SE NW SE	DAKOTA	12	4
JICARILLA CONTRACT 155	20E CDX RIO LIMITED LIABILITY CORPORATION	29C 26N 5W SW NE NW	DAKOTA	8	3
JICARILLA GAS COM C	1 CDX RIO LIMITED LIABILITY CORPORATION	32A 26N 5W SW NE NE	DAKOTA	12	4
JICARILLA GAS COM C	1E CDX RIO LIMITED LIABILITY CORPORATION	32F 26N 5W NW SE NW	DAKOTA	6	14
JICARILLA K	11 CONOCOPHILLIPS COMPANY	2E 25N 5W NE SW NW	DAKOTA	14	1
JICARILLA K	12 CONOCOPHILLIPS COMPANY	2O 25N 5W NW SW SE	DAKOTA	15	1
JICARILLA K	11E CONOCOPHILLIPS COMPANY	2 25N 5W NW NE	DAKOTA	3	1
JICARILLA K	12E CONOCOPHILLIPS COMPANY	2M 25N 5W NE SW SW	DAKOTA	9	4
Average				14	4
JICARILLA 153	10 BURLINGTON RESOURCES O&G CO LP	26I 26N 5W NE SE	GALLUP	2	0
JICARILLA 153	12E BURLINGTON RESOURCES O&G CO LP	35M 26N 5W NE SW SW	GALLUP	17	1
JICARILLA 153	14E BURLINGTON RESOURCES O&G CO LP	35G 26N 5W NE SW NE	GALLUP	2	0
JICARILLA 153	9E BURLINGTON RESOURCES O&G CO LP	26D 26N 5W SE NW NW	GALLUP	1	1
JICARILLA A	5 CDX RIO LIMITED LIABILITY CORPORATION	2OG 26N 5W SW NE	GALLUP	49	4
JICARILLA APACHE	10 XTO ENERGY INCORPORATED	27B 26N 5W SE NW NE	GALLUP	0	0
JICARILLA B	4 CDX RIO LIMITED LIABILITY CORPORATION	21H 26N 5W SE NE	GALLUP	29	3

JICARILLA B	5E	CDX RIO LIMITED LIABILITY CORPORATION	21E 26N 5W NE SW NW	GALLUP	12	4
JICARILLA C	3	CDX RIO LIMITED LIABILITY CORPORATION	23I 26N 5W NE SE	GALLUP	12	7
Average					14	2
AXI APACHE J	20	CONOCOPHILLIPS COMPANY	5 25N 5W SW NE NW	MESAVERDE	8	2
AXI APACHE J	21	CONOCOPHILLIPS COMPANY	5I 25N 5W SW NE SE	MESAVERDE	9	2
AXI APACHE J	20A	CONOCOPHILLIPS COMPANY	5 25N 5W SW NE NE	MESAVERDE	14	4
AXI APACHE J	21A	CONOCOPHILLIPS COMPANY	5N 25N 5W NW SE SW	MESAVERDE	8	3
JICARILLA 153	10	BURLINGTON RESOURCES O&G CO LP	26I 26N 5W NE SE	MESAVERDE	1	0
JICARILLA 153	10E	BURLINGTON RESOURCES O&G CO LP	26N 26N 5W NW SE SW	MESAVERDE	3	1
JICARILLA 153	12E	BURLINGTON RESOURCES O&G CO LP	35M 26N 5W NE SW SW	MESAVERDE	2	0
JICARILLA 153	9E	BURLINGTON RESOURCES O&G CO LP	26D 26N 5W SE NW NW	MESAVERDE	1	0
JICARILLA A	9	CDX RIO LIMITED LIABILITY CORPORATION	20D 26N 5W SE NW NW	MESAVERDE	1	1
JICARILLA APACHE	9	XTO ENERGY INCORPORATED	28A 26N 5W NE NE	MESAVERDE	1	1
JICARILLA APACHE	11	XTO ENERGY INCORPORATED	28M 26N 5W NE SW SW	MESAVERDE	3	1
JICARILLA APACHE	12	XTO ENERGY INCORPORATED	33A 26N 5W SW NE NE	MESAVERDE	1	1
JICARILLA APACHE	13	XTO ENERGY INCORPORATED	33M 26N 5W NE SW SW	MESAVERDE	6	6
JICARILLA APACHE	14	XTO ENERGY INCORPORATED	34M 26N 5W NE SW SW	MESAVERDE	7	7
JICARILLA APACHE	16	XTO ENERGY INCORPORATED	34I 26N 5W SW NE SE	MESAVERDE	1	1
JICARILLA APACHE	13E	XTO ENERGY INCORPORATED	33E 26N 5W NE SW NW	MESAVERDE	10	2
JICARILLA APACHE	16E	XTO ENERGY INCORPORATED	34A 26N 5W SW NE NE	MESAVERDE	2	2
JICARILLA APACHE	8E	XTO ENERGY INCORPORATED	27K 26N 5W SW NE SW	MESAVERDE	3	3
JICARILLA APACHE	9E	XTO ENERGY INCORPORATED	28O 26N 5W NE SW SE	MESAVERDE	3	1
JICARILLA B	5	CDX RIO LIMITED LIABILITY CORPORATION	21K 26N 5W NE SW	MESAVERDE	1	2
JICARILLA C	1E	CDX RIO LIMITED LIABILITY CORPORATION	23G 26N 5W NE SW NE	MESAVERDE	0	2
JICARILLA CONTRACT 146	11	CDX RIO LIMITED LIABILITY CORPORATION	4K 25N 5W SW NE SW	MESAVERDE	4	1
JICARILLA CONTRACT 146	36	CDX RIO LIMITED LIABILITY CORPORATION	4 25N 5W SW NE NE	MESAVERDE	39	7
JICARILLA CONTRACT 146	37	CDX RIO LIMITED LIABILITY CORPORATION	4 25N 5W SE NE NW	MESAVERDE	28	6
JICARILLA CONTRACT 146	11E	CDX RIO LIMITED LIABILITY CORPORATION	4O 25N 5W NE SW SE	MESAVERDE	8	5
JICARILLA CONTRACT 155	20	CDX RIO LIMITED LIABILITY CORPORATION	29N 26N 5W NW SE SW	MESAVERDE	15	3
JICARILLA CONTRACT 155	23	CDX RIO LIMITED LIABILITY CORPORATION	32N 26N 5W NW SE SW	MESAVERDE	4	1
JICARILLA CONTRACT 155	27	CDX RIO LIMITED LIABILITY CORPORATION	32J 26N 5W SE NW SE	MESAVERDE	15	4
JICARILLA CONTRACT 155	29	CDX RIO LIMITED LIABILITY CORPORATION	32F 26N 5W NW SE NW	MESAVERDE	15	7
JICARILLA CONTRACT 155	32	CDX RIO LIMITED LIABILITY CORPORATION	29P 26N 5W NW SE SE	MESAVERDE	8	5
JICARILLA CONTRACT 155	33	CDX RIO LIMITED LIABILITY CORPORATION	29A 26N 5W SW NE NE	MESAVERDE	3	2
JICARILLA CONTRACT 155	33A	CDX RIO LIMITED LIABILITY CORPORATION	29C 26N 5W SW NE NW	MESAVERDE	3	1
JICARILLA GAS COM 155 A	1	CDX RIO LIMITED LIABILITY CORPORATION	32H 26N 5W NW SE NE	MESAVERDE	34	1
JICARILLA K	11	CONOCOPHILLIPS COMPANY	2E 25N 5W NE SW NW	MESAVERDE	2	1
JICARILLA K	22	CONOCOPHILLIPS COMPANY	2M 25N 5W NE SW SW	MESAVERDE	32	3
Average					7	2

Allocation	Oil	Water
Chacra	0%	11%
Dakota	40%	44%
Mancos	40%	22%
Mesaverde	20%	22%