

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] **OPERATOR/Applicant Name:** _____ **OGRD:** _____
 (If one well) **Lease/Well Name:** _____
Well API No. 30- _____

[2] **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

RECEIVED
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[3] **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
U.S. Bureau of Land Management
 [E] ☐ Notification and/or Concurrent Approval by SLO
Commissioner of Public Lands, State Land Office
 [F] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
 [G] ☐ Waivers are Attached

[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
1925 N. French Dr., Hobbs, NM 88240
DISTRICT II
1301 W. Grand Avenue, Artesia, NM 88210
DISTRICT III
1000 Rio Grande 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

APPLICATION FOR DOWNHOLE COMMINGLING

Yes ☒ No ☐

XTO Energy Inc.

382 CR 3100, AZTEC, NM 87410

Operator

Address

JICARILLA APACHE

#10G

UL F

SEC 27

T26N

R5W

RIO ARriba

Lease

Well No.

Unit Letter-Section-Township-Range

County

OGRID No. 5380

Property Code

API No. 30-039-30191

Lease Type: ☒ Federal

State

Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
	UNDES	✓	✓
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)	3092' - 3824'	5123' - 5493'	4586' - 5123'
Method of Production (Flowing or Artificial Lift)	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 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 9/6/2007

TYPE OR PRINT NAME

HOLLY C. PERKINS

TELEPHONE NO.

(505) 324-1090

E-MAIL

holly.perkins@xtoenergy.com

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	BASIN DAKOTA		
Pool Code	71599		
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	7129' - 7335'		
Method of Production (Flowing or Artificial Lift)	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 (Specify API or Gas BTU)	NEW DRILL		
Producing, Shut-In or 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: % Gas: %	Oil: % Gas: %	Oil: 40 % Gas: 54.35 %

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 unconsumed 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 9/6/2007
 TYPE OR PRINT NAME HOLLY C. PERKINS TELEPHONE NO. (505) 324-1090
 E-MAIL holly_perkins@xtocenergy.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

SEP 07 2007

2. Name of Operator

XTO ENERGY INC.

Bureau of Land Management
Farmington Field Office

3a. Address

382 CR 3100, AZTEC, NM 87410

3b. Phone No. (include area code)

505-324-1090

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

2175' FNL & 2355' FWL SEC 27-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 #10G

9. API Well No.

30-039-30191

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

☒ 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 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 recomplete 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 recompletion 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 9/6/2007.

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

Name (Printed/Typed)

HOLLY C. PERKINS

Title

REGULATORY COMPLIANCE TECH

Date 9/6/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Doc Hewitt

Title

Geo

Date

9-10-07

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

FFD

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.

OPERATOR

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

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

DISTRICT III
1000 Rio Grande 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

1 API Number		2 Pool Code 71599	3 Pool Name BASIN DAKOTA
4 Property Code		5 Property Name JICARILLA APACHE	6 Well Number 10G
7 OCFRD No. 5380		8 Operator Name XTO ENERGY INC.	9 Elevation 6517

10 Surface Location

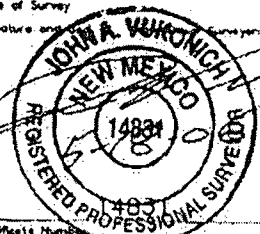
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	27	28-N	5-W		2175	NORTH	2355	WEST	RIO ARriba

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

12 Dedicated Acres N/2 320		13 Joint or Infill	14 Consolidation Code	15 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

CALC'D COR. BY PROJECTION	5 89-54-36 E 5311.4' (C)	2175	2355'	27	LAT: 36.45892° N. (NAD 83) LONG: 107.34737° W. (NAD 83) LAT: 36°27'32.1" N. (NAD 27) LONG: 107°20'48.4" W. (NAD 27)	CALC'D COR. BY PROJECTION	17 OPERATOR CERTIFICATION 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. <i>Kyla Vaughan</i> 1/26/07 Signature _____ Printed Name Kyla Vaughan
							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. FEBRUARY 13, 2006 Date of Survey Signature and Seal of Surveyor  Certificate Number _____

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

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Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number		*Pool Code 72319	*Pool Name BLANCO MESAVERDE
*Property Code	*Property Name JICARILLA APACHE		*Well Number 106
*GRID No. 5380	*Operator Name XTO ENERGY INC.		*Elevation 6517

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
F	27	26--N	5--W		2175	NORTH	2355	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 N/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

CALC'D COR. BY PROJECTION		S. 89-54-36 E 5311.4' (C)		CALC'D COR. BY PROJECTION	
2355'		2175'		LAT: 36.45892° N. (NAD 83) LONG: 107.34737° W. (NAD 83) LAT: 36°28'32.1" N. (NAD 27) LONG: 107°20'48.4" W. (NAD 27)	
S 00-17-47 W 5281.0' (C)		27			
CALC'D COR. BY SINGLE PROP.					

17 OPERATOR CERTIFICATION

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.

Kyla Vaughan 4/26/07
Signature Date
Kyla Vaughan
Printed Name

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.

FEBRUARY 13, 2006
Date of Survey

Signature and Seal of Surveyor

JOHN A. WURSTLICH
NEW MEXICO
REGISTERED PROFESSIONAL SURVEYOR
14891

Certificate Number

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
1270 South St. Francis Dr., Santa Fe, NM 87503

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

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Santa Fe, NM 87505

Form C-102

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number	*Pool Code	*Pool Name
	97232	WE BASIN MANCOS
*Property Code	*Property Name	*Well Number
	JICARILLA APACHE	10G
*GRID No.	*Operator Name	*Elevation
5380	XTO ENERGY INC.	6517

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
F	27	26-N	5-W		2175	NORTH	2355	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.		
NW/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

15 CALC'D COR. BY PROJECTION		17 OPERATOR CERTIFICATION 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. Kyla Vaughan 1/30/07 Signature _____ Date _____ Printed Name Kyla Vaughan
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. FEBRUARY 13, 2006 Date of Survey _____ Signature and Seal of Surveyor: _____ JOHN A. WUKONICH NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR 14831 483 Certificate Number _____		

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 58240

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

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

APN Number	Pool Code	Pool Name OTERO CHACRA
Property Code	Property Name JICARILLA APACHE	Well Number 100
GRID No. 5380	Operator Name XTO ENERGY INC.	Elevation 6517

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
F	27	26-N	5-W		2175	NORTH	2355	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 1/4 160					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

16 CALC'D COR. BY PROJECTION		CALC'D COR. BY PROJECTION	17 OPERATOR CERTIFICATION
			18 SURVEYOR CERTIFICATION

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%

Jicarilla Apache Oil & Water Allocations

Well Name	No.	Operator	Location	Reservoir	EUR Oil (mbo)	Cum Wtr (mbbl)
JICARILLA A	9	CDX RIO LIMITED LIABILITY CORPORATION	20D 26N 5W SE NW NW	CHACRA	0	0
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	2
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	15	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	20	MARATHON OIL COMPANY	27M 26N 5W NE SW SW	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	25	CDX RIO LIMITED LIABILITY CORPORATION	29L 26N 5W SE NW 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	2	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	18	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	18G	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	2
JICARILLA B	4	CDX RIO LIMITED LIABILITY CORPORATION	21H 26N 5W SE NE	DAKOTA	40	6
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	5
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 CONTRACT 146	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	4D 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	29J 26N 5W SE NW SE	DAKOTA	12	4
JICARILLA CONTRACT 155	20E CDX RIO LIMITED LIABILITY CORPORATION	29C 26N 5W SW NE NW	DAKOTA	6	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	13	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	5
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	28D 26N 5W SE NW NW	GALLUP	1	1
JICARILLA A	5 CDX RIO LIMITED LIABILITY CORPORATION	20G 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	29 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	17E 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	0	0
JICARILLA APACHE	14 XTO ENERGY INCORPORATED	34M 26N 5W NE SW SW	MESAVERDE	7	7
JICARILLA APACHE	16 XTO ENERGY INCORPORATED	34T 26N 5W SW NE SE	MESAVERDE	1	1
JICARILLA APACHE	11E XTO ENERGY INCORPORATED	28C 26N 5W SW NE NW	MESAVERDE	1	1
JICARILLA APACHE	13E XTO ENERGY INCORPORATED	33E 26N 5W NE SW NW	MESAVERDE	10	2
JICARILLA APACHE	14E XTO ENERGY INCORPORATED	34F 26N 5W NW SE NW	MESAVERDE	2	4
JICARILLA APACHE	16E XTO ENERGY INCORPORATED	34A 26N 5W SW NE NE	MESAVERDE	2	2
JICARILLA APACHE	18E XTO ENERGY INCORPORATED	27K 26N 5W SW NE SW	MESAVERDE	3	0
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	37 CDX RIO LIMITED LIABILITY CORPORATION	4 25N 5W SE NE NW	MESAVERDE	28	0
JICARILLA CONTRACT 146	11E CDX RIO LIMITED LIABILITY CORPORATION	4O 25N 5W NE SW SE	MESAVERDE	0	0
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	28 CDX RIO LIMITED LIABILITY CORPORATION	32F 26N 5W NW SE NW	MESAVERDE	15	7
JICARILLA CONTRACT 155	32 CDX RIO LIMITED LIABILITY CORPORATION	28P 26N 5W NW SE SE	MESAVERDE	8	0
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

<u>Allocation</u>	<u>Oil</u>	<u>Water</u>
Charra	0%	10%
Dakota	40%	48%
Mancos	40%	11%
Mesa Verde	20%	22%