

04 June 07

W. Jones

05 June 07

PHC

pCLP0715632083

3901

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1120 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH ARE BEING PROCESSED 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]

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 _____

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
(Bureau of Land Management, U.S. Department of the Interior, State Land Office)
 [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or
 [F] ☐ Answers are Attached

CERTIFY ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

CERTIFICATION: I am certifying that the information submitted with this application for administrative action is complete to the best of my knowledge. I do understand that no action will be taken on this application if the required information is not submitted to the Division.

Notwithstanding to the extent permitted by law, I do deal with managerial and/or supervisory capacity.

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

RECEIVED

Form C-107A
Revised June 10, 2003

JUN 04 2007

APPLICATION TYPE

Single Well

Establish Pre-Approved Pools

EXISTING WELLBORE

Yes No

APPLICATION FOR DOWNHOLE COMMINGLING

XTO Energy Inc.

Operator

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

Address

JICARILLA APACHE

Lease

#10F

Well No.

27H-T26N -R5W

Unit Letter-Section-Township-Range

RIO ARriba

County

OGRID No. 5380

Property Code 30320

API No. 30-039-30190

Lease Type: ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	OTERO CHACRA	BLANCO MESAVERDE	BASIN DAKOTA
Pool Code	82329	72319	71599
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	3866' - 3967'	4703' - 5340'	7159' - 7392'
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 DRILL	NEW DRILL	NEW DRILL
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: 7 %	Oil: 33 % Gas: 35 %	Oil: 67 % Gas: 58 %

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:

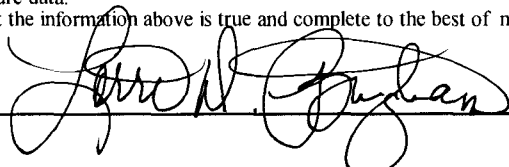
ATTACHMENTS:

- 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



TITLE REG COMPLIANCE TECH

DATE 5/30/07

TYPE OR PRINT NAME

LORRI D. BINGHAM

TELEPHONE NO. (505) 324-1090

E-MAIL

Lorri.bingham@xtonergy.com

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well ☐ Oil Well ☒ Gas Well ☐ Other		5. Lease Serial No. JIC-154
2. Name of Operator XTO Energy Inc.		6. If Indian, Allottee or Tribe Name
3a. Address 2700 Farmington Ave., Bldg. K, Ste 1 Farmington,	3b. Phone No. (include area code) 505-324-1090	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1970' FNL & 975' FEL SEC 27H-T26N-R5W		8. Well Name and No. JICARILLA APACHE # 10F
		9. API Well No. 30-039-30190
		10. Field and Pool, or Exploratory Area 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	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other DOWNHOLE
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	COMMINGLE
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

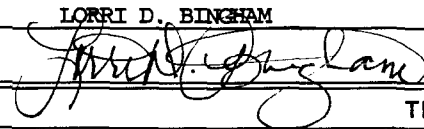
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or 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. requests approval for an exception to NMOC Rule 303-C to permit DHC of production from the Basin Dakota (71599), Blanco Mesaverde (72319) & Otero Chacra (82329) in the Jicarilla Apache #10F. XTO proposes to downhole commingle these pools upon completion of this well.

The oil & water allocations are based on the 9-section EUR average (please see attached spreadsheet). The gas allocations are based on the average daily rate of all zones & are calculated as follows:

Basin Dakota:	Gas: 58%	Oil: 67%	Water: 57%
Blanco Mesaverde:	Gas: 35%	Oil: 33%	Water: 29%
Otero Chacra:	Gas: 7%	Oil: 0%	Water: 14%

NMOC has been notified of our intent by submission of form C-107A. Interest owners are common in all zones therefore notification to owners was not necessary. Downhole commingling will offer an economical method of production while protecting against reservoir damage, waste of reserves & violation of correlative rights.

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) LORRI D. BINGHAM	Title REGULATORY COMPLIANCE TECH
	Date 5/30/07

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 I
P.O. Box 1980, Hobbs, N.M. 88241-1980

DISTRICT II
P.O. Drawer DD, Artesia, N.M. 88211-0719

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

DISTRICT IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, NM 87504-2088

Form C-102

Revised February 21, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-3061.2		² Pool Code 715 99		³ Pool Name BASIN DAKOTA	
⁴ Property Code 22782		⁵ Property Name MCDANIEL GAS COM "B"			⁶ Well Number 1R
⁷ GRID No. 167067		⁸ Operator Name CROSS TIMBERS OPERATING CO.			⁹ Elevation 5524'

¹⁰ Surface Location

UL or lot no. A	Section 26	Township 29-N	Range 10-W	Lot Idn	Feet from the 665'	North/South line NORTH	Feet from the 840'	East/West line EAST	County SAN JUAN
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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
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¹² Dedicated Acres 320 N/2	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

16 FD B.L.M. BC 1999 N 86-20-22 W 1294.8' (M) LAT: 36°42'08" N. LONG: 107°50'54" W. 455' 840' 519' 2368.8' (M) S 00-23-49 W 26 APR 2001	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Signature JEFFREY W. PATTON Printed Name DRILLING ENGINEER Title 4-1-01 Date
	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. 3-09-02 Date of Survey Signature and Seal of Professional Surveyor ROY A. RUSH REGISTERED PROFESSIONAL LAND SURVEYOR NEW MEXICO 8894 Certificate Number

DIRECTORY 1
1825 N. French Dr. Hobbs, N.M. 88340

DISTRICT 2
1901 W. Grand Ave., Astoria, W.M. 97103

DISTRICT IN
1000 N. Broadway St., Ariz. N.M. 87410

DISTRICT IV
1220 South St. Phoenix 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 87506

Form C-102
Revised June 10, 2003

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number	*Pool Code	*Pool Name
	71599	Basin Dakota
*Property Code	*Property Name	*Well Number
	JICARILLA APACHE	10F
*OCCURS No.	*Operator Name	*Elevation
5380	XTO ENERGY INC.	6535'

¹⁰ Surface Location

U. or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	27	26-N	5-W		1970	NORTH	975	EAST	RIO ARriba

"Bottom Hole Location If Different From Surface

U/L or lot no.	Section	Township	Range	Lot Aka	Feet from line	North/South line	Feet from the	East/West line	County
Dedicated Acres			Joint or Infill		Consolidation Code		Order No.		
21/2 320									

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

16

CALC'D CORNER
PROTRACTION

N 89-54-36 W

5311.4'(C)

CALC'D CORNER
PROTRACTION

1970'

975'

27

LAT. 36°27'34.0"N (NAD 27)
LONG. 107°20'24.1" W (NAD 27)

17

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and accurate to the best of my knowledge and belief.

Harry K Small
Signature
Harry K Small
Printed Name
Regulatory Compliance Te
Title
8/19/05
Date

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 of Survey

Signature and Seal of Registered Professional Surveyor

S 60-17-43 W

5279.5' (C)

CALC'D CORNER
PROTRACTION

JOHN A. VUKOBICH
NEW MEXICO
REGISTERED PROFESSIONAL SURVEYOR
14880
1-9

Certificate Number

DISTRICT IV
1220 South St. Presque Isle, Maine, ME 05756

State of New Mexico
Energy, Minerals & Natural Resources Department

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

Form C-102
Revised June 10, 2003

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number	*Pool Code	*Pool Name
	72319	Blanco Mesaverde
*Property Code	*Property Name	*Well Number
	JICARILLA APACHE	10F
*OGRD No.	*Operator Name	*Duration
5380	XTO ENERGY INC.	6535'

¹⁰ Surface Location

UL or Ind No.	Section	Township	Range	Lot Info	Feet from the	North/South Line	Feet from the	East/West line	COUNTY
H	27	26-N	5-W		1970	NORTH	975	EAST	RIO ARriba

"Bottom Hole Location If Different From Surface

U/L or lot no.	Section	Township	Range	Lot 1/4n	Feet from the	North/South line	Feet from the	East/West line	County
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13 Dedicated acres 01/2 320	14 Joint or Infill	15 Consideration Code	16 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

16

CALC'D CORNER PROTRACTION

N 89-54-36 W

5111.4'(C)

CALC'D CORNER PROTRACTION

1970'

975'

27

LAT. 36°27'34.0"N (NAD 27)
LONG 107°20'24.1" W (NAD 27)

S 63-17-43 W

5279.5'(C)

17

OPERATOR CERTIFICATION

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

Kelly K Small
Signature
Kelly K Small
Printed Name
Regulatory Compliance Tech
Title
8/19/05
Date

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 of Survey

Signature and Seal of Registered Professional Surveyor

NEW MEXICO
14880
REGISTERED PROFESSIONAL SURVEYOR

CALC'D CORNER PROTRACTION

Certificate Number

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

DISTRICT II
1301 E. Grand Ave. Artesia, NM 88210

DISTRICT III
1000 E. Grand Ave. Artesia, NM 88210

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 O-100
Revised June 10, 1980

Submittal to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 5 Copies

AMENDED REPORT

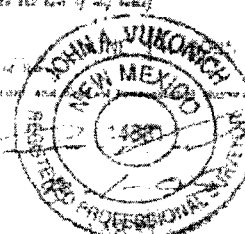
WELL LOCATION AND ACREAGE DEDICATION PLAT

*Well Number 83339		*Well Name C1210 CHALISA	
*Property Code 5380		*Elevation 5200	
*Operator Name XIO ENERGY INC.		*Well Name C1210	
*Surface Location			
Section	Range	Foot from the	North/South line
27	36 W	000	NORTH
*Bottom Hole Location if Different From Surface			
Section	Range	Foot from the	North/South line
27	36 W	000	NORTH

NE 1/4 100

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 CORNER EXTRACTION	N 30° 10' 30" W 531' 4" (S)	N 30° 10' 30" W 531' 4" (S)	OPERATOR CERTIFICATION	
			I hereby certify that the information contained herein is true and accurate to the best of my knowledge and belief.	
CALC'D CORNER EXTRACTION	N 30° 10' 30" W 531' 4" (S)	N 30° 10' 30" W 531' 4" (S)	Signature John L. Smith	
			Printed Name John L. Smith	
CALC'D CORNER EXTRACTION	N 30° 10' 30" W 531' 4" (S)	N 30° 10' 30" W 531' 4" (S)	Regulatory Compliance Form 19106	
			Date 1/19/06	
CALC'D CORNER EXTRACTION	N 30° 10' 30" W 531' 4" (S)	N 30° 10' 30" W 531' 4" (S)	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.	
CALC'D CORNER EXTRACTION	N 30° 10' 30" W 531' 4" (S)	N 30° 10' 30" W 531' 4" (S)	Signature John L. Smith	
			Printed Name John L. Smith	



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 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	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	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	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
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	10
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

<u>Allocation</u>	<u>Oil</u>	<u>Water</u>
Chacra	0.00%	14.29%
Dakota	66.67%	57.14%
Mesaverde	33.67%	28.57%



Mandi Moncrief/FTW/CTOC
05/04/2007 01:59 PM

To Lorri Bingham/FAR/CTOC@CTOC
cc
bcc
Subject Fw: Jicarilla Apache #9F
#10F

3 zones = Dakota/Mesaverde/Chacra

The gas allocations are based on the average daily rate of all zones. The average daily rates I used to calculate the allocations are as follows:

Dakota = 250 mcf/day 58%
Mesaverde = 150 mcf/day 35%
Chacra = 30 mcf/day 7%

The oil and water allocations are based on the 9-section EUR average and is shown in the attached spreadsheet.



Jicarilla Apache 3 zones DK-MV-CH Allocations.xls

Mandi Moncrief
Reservoir Engineer
San Juan Basin
XTO Energy
(817) 885 - 3045

----- Forwarded by Mandi Moncrief/FTW/CTOC on 05/04/2007 02:52 PM -----



Mandi Moncrief/FTW/CTOC
05/04/2007 02:46 PM

To Lorri Bingham/FAR/CTOC
cc
Subject Fw: Jicarilla Apache #9F

This applies to all the wells you asked about.

Mandi Moncrief
Reservoir Engineer
San Juan Basin
XTO Energy
(817) 885 - 3045

----- Forwarded by Mandi Moncrief/FTW/CTOC on 05/04/2007 02:45 PM -----



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

To Lorri Bingham/FAR/CTOC
cc
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