

4/4/08	SUSPENSE	W Jones	4/4/08	DHC	PKVR0809538433
DATE		ENGINEER	LOGGED IN	TYPE	APP NO.

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

RECEIVED
2008 APR 4 AM 10 52

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

RECEIVED
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 382 CR 3100 Aztec, NM 87410
Lease JICARILLA APACHE Well No. #16E Unit Letter-Section-Township-Range SEC 34A T26N R5W County RIO ARriba

OGRID No. 5380 Property Code 30320 API No. 30-039-22434 Lease Type: ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	<u>OTERO CHACRA</u>	<u>ELANCO MESAVERDE</u>	<u>WC BASIN MANCOS</u>
Pool Code	<u>82329</u> ✓	<u>72319</u> ✓	<u>97232</u> ✓
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	<u>3922' - 4021'</u>	<u>PT LOOKOUT 5148' - 5278'</u> <u>ADD MENESEE 4958'-5119'</u>	
Method of Production (Flowing or Artificial Life)	<u>PLUNGER</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>1.250 BUT/MSCF</u>		
Producing, Shut-In or New Zone	<u>NEW ZONE</u>	<u>PRODUCING</u>	<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: <u>12/07</u> Rates: <u>0.1 BOEPD/18 MCFD/2 BWPD</u>	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: <u>0</u> % Gas: <u>6.52</u> %	Oil: <u>20</u> % Gas: <u>32.61</u> %	Oil: <u>40</u> % Gas: <u>6.52</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 3/25/08

TYPE OR PRINT NAME LORRI D. BINGHAM TELEPHONE NO. (505) 333-3204

E-MAIL Lorri_bingham@xtoenergy.com

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
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Santa Fe, New Mexico 87505

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APPLICATION TYPE
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_____ Establish Pre-Approved Pools
EXISTING WELLBORE
_____ X Yes ___ No

APPLICATION FOR DOWNHOLE COMMINGLING

XTO Energy Inc. 382 CR 3100 Aztec, NM 87410
Operator Address

JICARILLA APACHE #16E SEC 34A T26N R5W RIO ARriba
Lease Well No. Unit Letter-Section-Township-Range County

OGRID No. 5380 Property Code 30320 API No. 30-039-22434 Lease Type: X Federal ___ State ___ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	BASTIN DAKOTA		
Pool Code	71599		
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	7200' - 7430'		
Method of Production (Flowing or Artificial Life)	PLUNGER		
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)	1.250 BTU/MSCF		
Producing, Shut-In or New Zone	PRODUCING		
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: 12/07 Rates: 0.3 BOED/52 MCFD/5 BWPD
	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: 20 % Gas: 32.61 %	Oil: 40 % Gas: 8.52 %

Are all working, overriding, and royalty interests identical in all commingled zones? Yes X 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 X No
Will commingling decrease the value of production? Yes No X
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 X No

NMOCD Reference Case No. applicable to this well:

ATTACHMENTS:
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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 3/25/08

TYPE OR PRINT NAME LORRI D. BINGHAM TELEPHONE NO. (505) 333-3204

E-MAIL Lorri_bingham@xtoenergy.com

Jic Ap #16E

RC to MC & CH
Menefer

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	2
JICARILLA APACHE	14	XTO ENERGY INCORPORATED	34M 26N 5W NE SW SW	CHACRA	0	9
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	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	18E	CDX RIO LIMITED LIABILITY CORPORATION	29J 26N 5W SE NW SE	CHACRA	0	1
JICARILLA CONTRACT 155	20E	CDX RIO LIMITED LIABILITY CORPORATION	28C 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	17	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	26A 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	15E	XTO ENERGY INCORPORATED	34A 26N 5W SW NE NE	DAKOTA	7	5
JICARILLA APACHE	15F	XTO ENERGY INCORPORATED	34Q 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	2E	XTO ENERGY INCORPORATED	27K 26N 5W SW NE SW	DAKOTA	6	5
JICARILLA APACHE	2G	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	5	2
JICARILLA B	1	CDX RIO LIMITED LIABILITY CORPORATION	22G 26N 5W SW NE	DAKOTA	50	5
JICARILLA B	4	CDX RIO LIMITED LIABILITY CORPORATION	21H 26N 5W SE NE	DAKOTA	40	3
JICARILLA B	5	CDX RIO LIMITED LIABILITY CORPORATION	21K 26N 5W NE SW	DAKOTA	25	1
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	3	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	2
JICARILLA CONTRACT 145	11	CDX RIO LIMITED LIABILITY CORPORATION	4K 26N 5W SW NE SW	DAKOTA	18	1
JICARILLA CONTRACT 146	17	CDX RIO LIMITED LIABILITY CORPORATION	3G 26N 5W NE SW NE	DAKOTA	15	2
JICARILLA CONTRACT 146	19	CDX RIO LIMITED LIABILITY CORPORATION	4 26N 5W SW NE NE	DAKOTA	11	3
JICARILLA CONTRACT 146	21	BP AMERICA PRODUCTION COMPANY	3K 26N 5W SW NE SW	DAKOTA	8	5
JICARILLA CONTRACT 148	11E	CDX RIO LIMITED LIABILITY CORPORATION	4O 26N 5W NE SW SE	DAKOTA	11	7

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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	6	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	26	4
JICARILLA CONTRACT 155	19 8P 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

JICARILLA 153	10 BURLINGTON RESOURCES O&G CO LP	26I 26N 5W NE SE	GALLUP	2	6
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	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	0
Average				14	2

AXI APACHE J	20 CONOCOPHILLIPS COMPANY	5 25N 5W SW NE NW	MESAVERDE	9	2
AXI APACHE J	21 CONOCOPHILLIPS COMPANY	5I 25N 5W SW NE SE	MESAVERDE	0	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	6	2
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	5 CDX RIO LIMITED LIABILITY CORPORATION	20G 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	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	15E 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	0
JICARILLA APACHE	9E XTO ENERGY INCORPORATED	28G 26N 5W NE SW SE	MESAVERDE	7	1
JICARILLA B	5 CDX RIO LIMITED LIABILITY CORPORATION	21K 26N 5W NE SW	MESAVERDE	1	2
JICARILLA B	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	23	6
JICARILLA CONTRACT 146	11E CDX RIO LIMITED LIABILITY CORPORATION	4O 25N 5W NE SW SE	MESAVERDE	6	6
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

420
1
4
2
2
9

oil
0
14
14
2
35

Allocation	Oil	Water	
Chacra	0%	10%	
Dakota	40%	46%	46%
Mancos	40%	11%	
Mesaverde	OK 10%	11%	OK

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%