

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000**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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM103798	
2. Name of Operator XTO ENERGY INC		6. If Indian, Allottee or Tribe Name	
3a. Address 2700 FARMINGTON AVE., BLDG K, SUITE 1 FARMINGTON, NM 87401		7. If Unit or CA/Agreement, Name and/or No.	
3b. Phone No. (include area code) Ph: 505.324.1090 Ext: 4020 Fx: 505.564.6700		8. Well Name and No. BLANCO LS 14	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 1 T27N R8W SWNE 1650FNL 1650FEL 36.60609 N Lat, 107.62886 W Lon		9. API Well No. 30-045-06856-00-S1	
		10. Field and Pool, or Exploratory BLANCO MESAVERDE	
		11. County or Parish, and State SAN JUAN COUNTY, NM	

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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 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 site is ready for final inspection.)

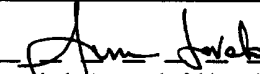
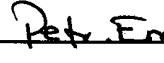

XTO Energy Inc. proposes to recomplete the Blanco #14 in the following manner:

- 1) MIRU PU.
- 2) TOH w/tbg. Set 5-1/2" CBP @ 5400'.
- 3) Perf & frac Menefee fr/5275' - 5333'. Set 5-1/2" CBP @ 5000'.
- 4) Perf & frac Chacra fr/4265' - 4280'. Set 5-1/2" CBP @ 4000'.
- 5) Perf & frac Pictured Cliffs fr/3316' - 3330'.
- 6) Drill out CBP @ 4000', 5000' & 5400'.
- 7) TIH w/prod tbg.
- 8) RWTP.

**CONDITIONS OF APPROVAL**  
Adhere to previously issued stipulations.

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #25413 verified by the BLM Well Information System</b> <b>For XTO ENERGY INC, sent to the Farmington</b> <b>Committed to AFMSS for processing by MATTHEW HALBERT on 01/06/2004 (04MXH0084SE)</b>	
Name (Printed/Typed) DARRIN STEED	Title REGULATORY SUPERVISOR
Signature (Electronic Submission)	Date 12/05/2003

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By 	Title 	Date 1/9/04
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, make 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.

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

BLM copy



RECEIVED

12/5/03 9:21 AM ID: 56

070 Farmington, NM

December 5, 2003

Ms. Lori Wrotenberry  
New Mexico Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

RE: Application for Exception to Rule 303-C Downhole Commingle  
Blanco LS #14  
Unit G, Sec. 01, T 27 N, R 08 W  
San Juan County, New Mexico

Dear Ms. Wrotenberry,

XTO Energy Inc. respectfully request approval to downhole commingle production from the South Blanco Pictured Cliffs, Otero Chacra, and the Blanco Mesaverde pools in the Blanco LS #14. It is proposed to complete the Menefee section of the Mesaverde, the Otero Chacra and the South Blanco Pictured Cliffs formations and downhole commingle with the existing Point Lookout section of the Mesaverde formation. Upon approval of the downhole commingling application, the pools will be completed and downhole commingled. The working interest, NRI and ORRI ownership are common. Downhole commingling will offer an economic method of production, will improve recovery of liquids, eliminating redundant surface equipment and maximize compressor efficiency.

The allocation percentage's for gas and oil were based upon the surrounding average 9 section EUR's for each pool. Attached is the curves for this area EUR's and allocation calculations.

XTO Energy Inc. request your approval to downhole commingle the South Blanco Pictured Cliffs, Otero Chacra, and the Blanco Mesaverde pools. Should you need any additional information please contact me at (505) 324-1090.

Sincerely,

*Loren W. Fothergill*  
Loren W. Fothergill  
Production Engineer

Enclosures

Cc: GLM

TDL

LWF

George Cox - FTW Land

Well File

MINERAL RESOURCES	
AFM	<i>B/M</i>
NATV	<i>MT</i>
SOLID	<i>2X</i>
PET	
ALL TEAM LEADERS	
LAND RESOURCES	
ENVIRONMENT	
FILES	

## BLANCO LS #14

Allocation Percentages.

See attached curves.

Zone	Cum Gas to date MMCF	Remaining MMCF	EUR	# Wells	EUR/Well
Pictured Cliffs	13018	1180	14198	23	617
Chacra	990	2980	3790	8	496
Mesaverde	16599	7716	24315	27	901

The EUR for the Blanco #14 Mesaverde is 279 MMCF. Therefore the EUR associated with the Blanco LS #14 equals  $901 - 279 = 622$  MCF.

Percentage Allocation

Pictured Cliffs	$617/1735 = 36\%$
Chacra	$496/1735 = 28\%$
Mesaverde	$622/1735 = 36\%$

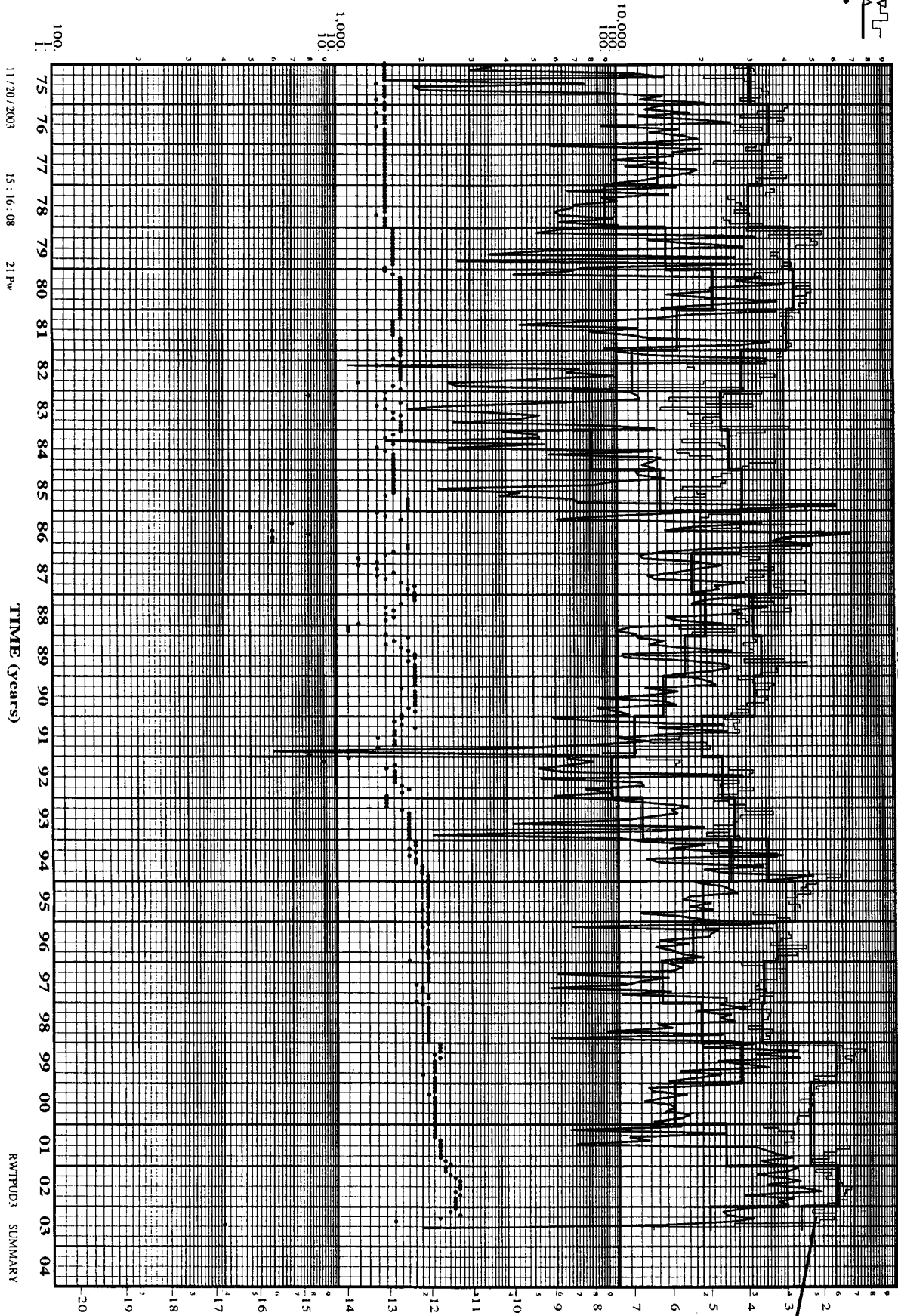
100% of the oil and water is associated with the Mesaverde.

SUMMARY OF MESAVERDE WELLS  
SEC 1 T27N R8W  
SAN JUAN CO., NM.

Oil (bbl/mo)	Gas (mcf/mo)	Gross Cum @ 07/03	Oil (bbl)	Gas (mcf)	Res Cat. Life	Ac of Date	CTOC
0	0	68,952	0	16,599,737	Setting	DBS	RWTFUD3
Decline	0.0 %	Gross Remaining	68,952	16,599,737	Scenario		
	0.0 %	Net Remaining	0	0			
Oil Price (\$/bbl)	Gas Price (\$/mcf)	OPC (\$/bbl)	Flat Life (years)	First Production	Last Production	Net Cash Flow	P.W. @ 0.0 %
0.00	0.00	0.00	0.0	1	07/03	\$ 0	\$ 0

M & L - FORECAST

Run Date :  
Run Time :  
GAS (mcf/mo)  
OIL (bbl/mo)  
Well Count



11/20/2003 15:16:08 21 Pw

TIME (years)

RWTFUD3 SUMMARY

Run Date :  
Run Time:



**GAS (mcft/mo)**  
**OL (bbls/mo)**  
**Well Count**

11 / 20 / 2003

15:20:25

21 PW

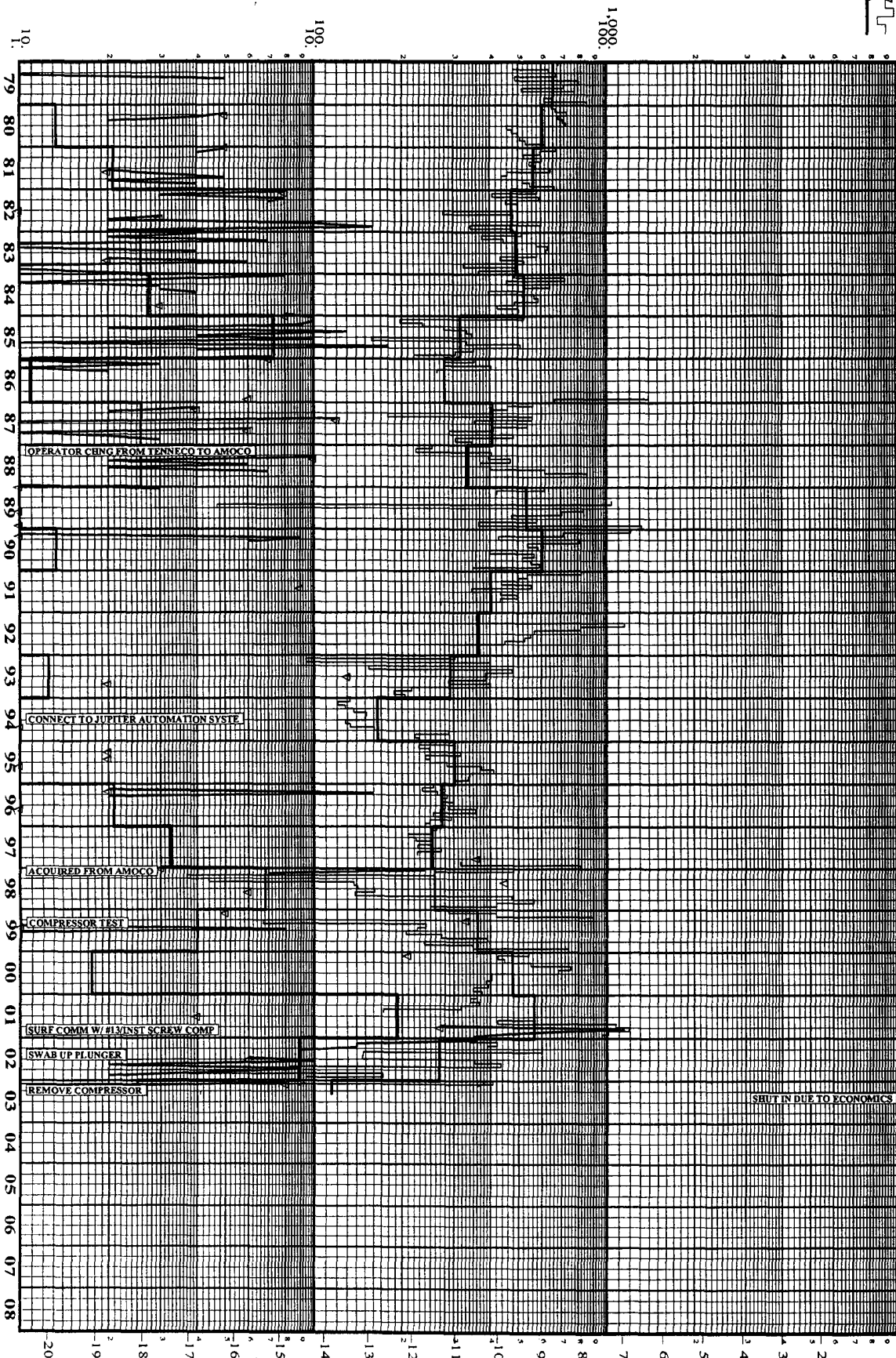
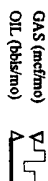
TIME (years)

RWTPUD3 SUMMARY

Run Date: 3/3/03  
Run Time: 7:24:17

**M&L - 01/2003 FORECAST**

LWF SMJ JCR



THAT (over)

[illegible]

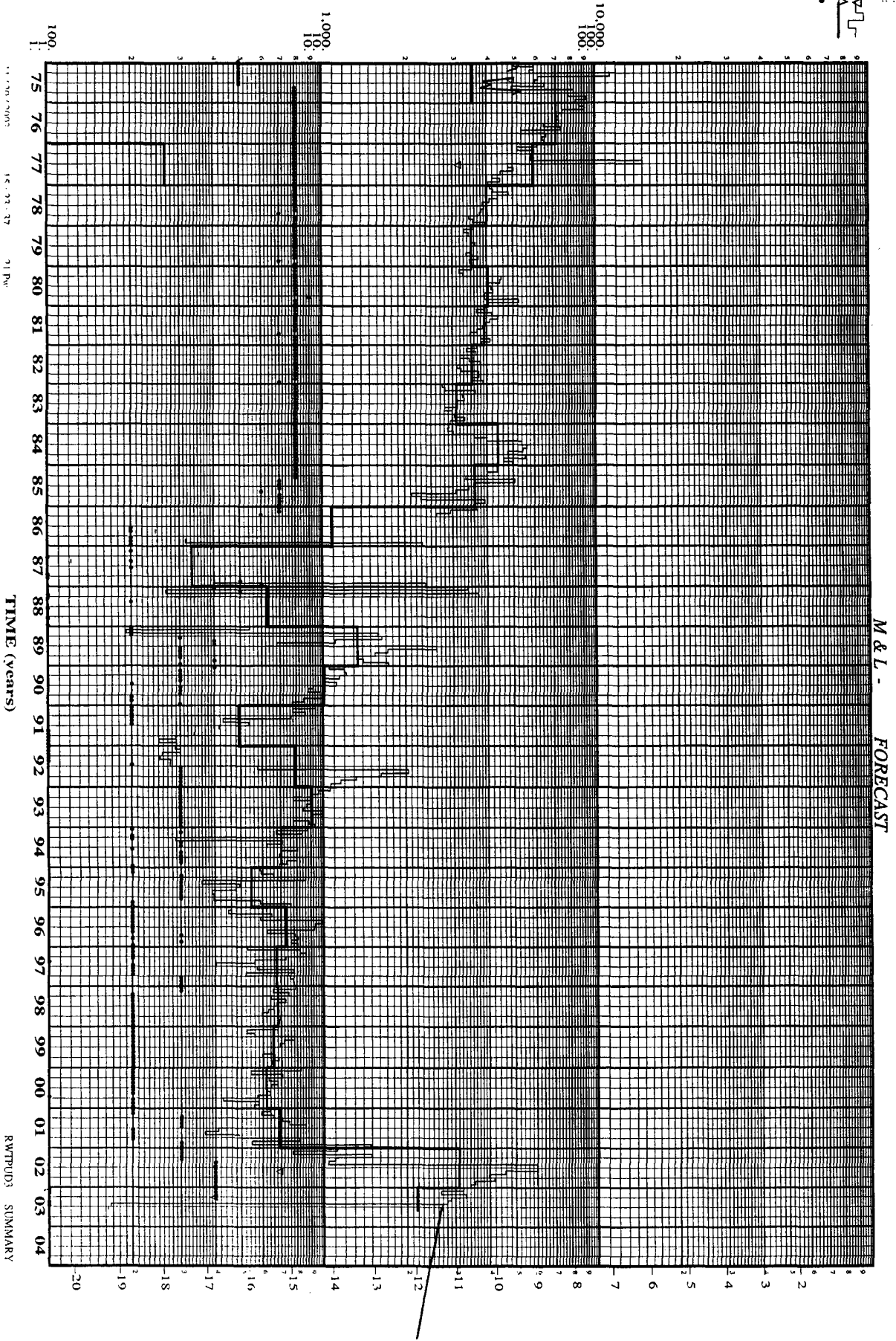
2005

SUMMARY OF CHACRA WELLS  
SEC 1 T27N R8W  
SAN JUAN CO., NM.

Oil (bbl/mo)	Gas (mcf/mo)	Gross Cum @07/03	Oil (bbls)	Gas (mcf)	Res. Cat
0	0	2,456	2,456	989,888	Life
0	0	0	0	0	As-of-Date
0.0 %	0.0 %	Gross Remaining	2,456	989,888	Settings
		Net Remaining	0	0	DBS
					RWTPTUD3
Oil Price (\$/bbl)	Gas Price (\$/mcf)	OPC (\$/bbl)	Flat Life (years)	First Last Production	Net Cash Flow
0.00	0.00	0.00	0.0	/ 07/03	\$ 0
					P.W. @ 0.0 %
					\$ 0

Run Date :  
Run Time :

Gas (mcf/mo)  
Oil (bbl/mo)  
Well Count



District I  
1625 N. French Drive, Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107A  
Revised May 15, 2000

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

APPLICATION TYPE  
☒ Single Well  
☐ Establish Pre-Approved Pools  
EXISTING WELLBORE  
☒ Yes ☐ No

APPLICATION FOR DOWNHOLE COMMINGLING

XTO Energy Inc. 2700 Farmington Ave, Bldg K, Ste. 1 Farmington, NM 87402

Operator Address  
Blanco LS 14 Unit G, Sec 1, T27N, R8W San Juan  
Lease Well No. Unit Letter-Section-Township-Range County  
OGRID No. 167067 Property Code API No. 30-045-06856 Lease Type: ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	S. Blanco Pictured Cliffs	Otero Chacra	Blanco Mesaverde
Pool Code	72439	82329	72319
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	3,316' – 3,330' Perforated	4,265' – 4,280' Perforated	5,275' – 5,674' Perforated
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)	1,405 BTU	1,120 BTU (est)	1,403 BTU
Producing, Shut-In or New Zone	New Zone	New Zone	Shut-In
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:
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 Water 0 % 36 % 0 %	Oil Gas Water 0 % 28 % 0 %	Oil Gas Water 100 % 36 % 100 %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes ☒ No ☐  
If not, have all working, royalty and overriding royalty interest owners 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 working, royalty and overriding royalty interests for uncommon interest cases.
- Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

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 Darrin Steed TITLE Regulatory Supervisor DATE 12/5/2003  
TYPE OR PRINT NAME Darrin Steed TELEPHONE NO. ( 505 ) 324-1090

**District I**  
1625 N. French Dr., Hobbs, NM 88240

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State of New Mexico  
Energy, Minerals & Natural Resources Department

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

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☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number <b>30-045-06856</b>	<sup>2</sup> Pool Code <b>82329</b>	<sup>3</sup> Pool Name <b>Otero Chacra</b>
<sup>4</sup> Property Code	<sup>5</sup> Property Name <b>Blanco LS</b>	<sup>6</sup> Well Number <b>14</b>
<sup>7</sup> OGRID No. <b>167067</b>	<sup>8</sup> Operator Name <b>XTO Energy Inc</b>	<sup>9</sup> Elevation <b>6,890' GL</b>

<sup>10</sup> Surface Location

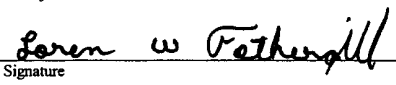
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>G</b>	<b>1</b>	<b>27N</b>	<b>8W</b>		<b>1650'</b>	<b>North</b>	<b>1650'</b>	<b>East</b>	<b>San Juan</b>

<sup>11</sup> 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

<sup>12</sup> Dedicated Acres <b>160</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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

<sup>16</sup>						<sup>17</sup> <b>OPERATOR CERTIFICATION</b> <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature Loren W. Fothergill Printed Name Production Engineer Title Date <b>12-03-03</b>
						<sup>18</sup> <b>SURVEYOR CERTIFICATION</b> <i>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.</i> 04/01/58. Date of Survey Signature and Seal of Professional Surveyor: Original signed by David O Vilven 1760 Certificate Number

**District I**

1625 N. French Dr., Hobbs, NM 88240

**District II**

811 South First, 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 & Natural Resources Department

## OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

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☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number <b>30-045-06856</b>		<sup>2</sup> Pool Code <b>72319</b>		<sup>3</sup> Pool Name <b>Blanco Mesaverde</b>	
<sup>4</sup> Property Code		<sup>5</sup> Property Name <b>Blanco LS</b>			<sup>6</sup> Well Number <b>14</b>
<sup>7</sup> OGRID No. <b>167067</b>		<sup>8</sup> Operator Name <b>XTO Energy Inc</b>			<sup>9</sup> Elevation <b>6,890' GL</b>

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>G</b>	<b>1</b>	<b>27N</b>	<b>8W</b>		<b>1650'</b>	<b>North</b>	<b>1650'</b>	<b>East</b>	<b>San Juan</b>

<sup>11</sup> 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

<sup>12</sup> Dedicated Acres <b>321.12</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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<sup>16</sup>	<sup>17</sup> OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature Loren W. Fothergill Printed Name Production Engineer Title 12-03-03 Date	
	<sup>18</sup> SURVEYOR CERTIFICATION <i>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.</i> 04/01/581 Date of Survey Signature and Seal of Professional Surveyor: Original signed by David O Vilven 1760 Certificate Number	

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State of New Mexico  
Energy, Minerals & Natural Resources Department

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OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe. NM 87505Submit to Appropriate  
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## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number <b>30-045-06856</b>		<sup>2</sup> Pool Code <b>72439</b>		<sup>3</sup> Pool Name <b>S. Blanco Pictured Cliffs</b>	
<sup>4</sup> Property Code		<sup>5</sup> Property Name <b>Blanco LS</b>			<sup>6</sup> Well Number <b>14</b>
<sup>7</sup> OGRID No. <b>167067</b>		<sup>8</sup> Operator Name <b>XTO Energy Inc</b>			<sup>9</sup> Elevation <b>6,890' GL</b>

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>G</b>	<b>1</b>	<b>27N</b>	<b>8W</b>		<b>1650'</b>	<b>North</b>	<b>1650'</b>	<b>East</b>	<b>San Juan</b>

<sup>11</sup> 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

<sup>12</sup> Dedicated Acres <b>160.28</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<sup>16</sup>	<sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature Loren W. Fothergill Printed Name Production Engineer Title 12-03-03 Date	
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