

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM 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. JIC154	
2. Name of Operator XTO ENERGY INC.		6. If Indian, Allottee or Tribe Name	
3a. Address 2700 FARMINGTON AVE, SUITE K-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. JICARILLA APACHE 19	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 28 T26N R05W NWNE 790FNL 1850FEL		9. API Well No. 30-039-21502	
		10. Field and Pool, or Exploratory OTERO CH / SOUTH BLANCO PC	
		11. County or Parish, and State RIO ARRIBA 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 type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Subsurface Commingling
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

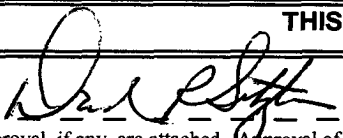
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

XTO Energy Inc. proposes to downhole commingle this well per the attached documents.

014C1346A2

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #25155 verified by the BLM Well Information System For XTO ENERGY INC., sent to the Rio Puerco Committed to AFMSS for processing by ANGIE MEDINA-JONES on 11/17/2003 ()	
Name (Printed/Typed) DARRIN STEED	Title REGULATORY SUPERVISOR
Signature (Electronic Submission)	Date 11/17/2003

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

Approved By 	Division of Multi-Resources	JUN 14 2004 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, 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.

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

Submit 3 Copies To Appropriate District Office

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., 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, NM 87505

Form C-103  
Revised May 08, 2003

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-039-21502
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator XTO Energy Inc.		6. State Oil & Gas Lease No. JIC154
3. Address of Operator 2700 Farmington Ave., Bldg K, Ste. 1, Farmington, NM 87401		7. Lease Name or Unit Agreement Name JICARILLA APACHE
4. Well Location Unit Letter <u>B</u> : <u>790</u> feet from the <u>NORTH</u> line and <u>1850</u> feet from the <u>EAST</u> line Section <u>28</u> Township <u>26N</u> Range <u>05W</u> NMPM County <u>RIO ARriba</u>		8. Well Number 19
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 167067
		10. Pool name or Wildcat OTERO CHACRA / S. BLANCO PC

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data  
NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐  
OTHER: DOWNHOLE COMMINGLE ☒

SUBSEQUENT REPORT OF:  
REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐  
CASING TEST AND CEMENT JOB ☐  
OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

XTO Energy Inc. proposes to downhole commingle this well per the attached documents.

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 11/17/03

Type or print name DARRIN STEED  
(This space for State use)

Telephone No. (505) 324-1090

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
Conditions of approval, if any:



November 12, 2003

Mr. Frank Chavez  
New Mexico Oil Conservation Division  
1000 Rio Brazos Rd.  
Aztec, New Mexico 87410

RE: Administrative approval to Downhole Commingle  
Jicarilla Apache #19  
790' FNL & 1,850' FEL Sec. 28, T 26 N, R 05 W  
Rio Arriba County, New Mexico

Dear Mr. Chavez:

XTO Energy Inc. respectfully request approval to downhole commingle production from the Otero Chacra and South Blanco Pictured Cliffs pools in the Jicarilla Apache #19. Attached for your reference are the following exhibits:

1. Sundry Notice (NMOCD From C-103)
2. Production data used for Production Allocation.

The Jicarilla Apache #19 was drilled and completed by Marathon Oil Company as a Otero Chacra, South Blanco Pictured Cliffs well in September 1977. The well is perforated in the South Blanco Pictured Cliffs from 2,882'-2,948' and the Otero Chacra from 3,788'-3,885'.

Based upon the last three years production analysis, for the South Blanco Pictured Cliffs and the Otero Chacra formations, the following allocation percentages were determined: A nominal 1% of total gas production was assigned to the Pictured Cliffs production to account for the improved flow characteristic of DHC the zones.

South Blanco Pictured Cliffs (72439)	Oil 0%	Water 0 %	Gas 1 %
Otero Chacra (82329)	Oil 0%	Water 100 %	Gas 99 %

Both pools have common interest owners. Commingling both zones will not reduce the ultimate recovery of either pool. Downhole commingling will improve recovery of liquids, eliminating redundant surface equipment and maximize compressor efficiency. Notice has been filed with the BLM on Form 3160-5 concerning this matter.

XTO Energy Inc. request your Administrative Approval to downhole commingle the Chacra and Pictured Cliffs pools based upon the above information. 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

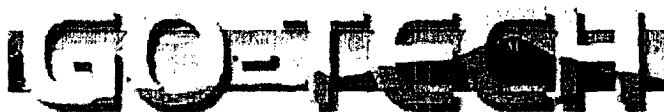
LWF

TDL

George Cox – FTW Land  
Well File

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[NYMEX LS Crude](#) \$31.65  
[Navajo WTXI](#) \$28.00  
[Henry Hub](#) \$4.75  
 Updated 11/13/2003

[GENERAL](#)   [COUNTY](#)   [OPERATOR](#)   [POOL](#)   [LOCATION](#)   [OCD LOG & WELL FILES](#)

[View Data](#)

In Internet Explorer, right click and select "Save Target As..."  
 In Netscape, right click and select "Save Link As..."

Download: [HTTP](#)

Well: JICARILLA APACHE No.: 019  
 Operator: XTO ENERGY, INC. [ [NM SLO data](#) ]  
 API: 3003921502 Township: 26.0N Range: 05W  
 Section: 28 Unit: B  
 Land Type: J County: Rio Arriba Total Acreage: 320  
 Number of Completion with Acreage: 2  
 Accumulated:  
 Oil: 1 (BBLS) Gas: 444921 (MCF)  
 Water: 782 (BBLS) Days Produced: 7927 (Days)

Year: 1999  
 Pool Name: BLANCO P. C. SOUTH (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days Produced	Accum. Oil(BBLS)	Accum. Gas(MCF)
January	0	0	0	0	0	0
February	0	0	0	0	0	0
March	0	0	0	0	0	0
April	0	0	0	0	0	0
May	0	0	0	0	0	0
June	0	0	0	0	0	0
July	0	0	0	0	0	0
August	0	0	0	0	0	0
September	0	0	0	0	0	0
October	0	0	0	0	0	0
November	0	0	0	0	0	0
December	0	0	0	0	0	0
Total	0	0	0	0		

Pool Name: OTERO CHACRA (GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days Produced	Accum. Oil(BBLS)	Accum. Gas(MCF)
January	0	1280	3	31	0	1280
February	0	999	3	0	0	2279

March	0	1221	3	0	0	3500
April	0	1000	0	0	0	4500
May	0	1020	6	0	0	5520
June	0	846	9	0	0	6366
July	0	774	9	0	0	7140
August	0	1148	6	0	0	8288
September	0	1075	6	0	0	9363
October	0	1076	3	0	0	10439
November	0	937	3	0	0	11376
December	0	1152	3	0	0	12528
Total	0	12528	54	31		

Year: 2000

Pool Name: BLANCO P. C. SOUTH (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days Produced	Accum. Oil(BBLS)	Accum. Gas(MCF)
January	0	0	0	0	0	12528
February	0	0	0	0	0	12528
March	0	0	0	0	0	12528
April	0	0	0	0	0	12528
May	0	0	0	0	0	12528
June	0	0	0	0	0	12528
July	0	0	0	0	0	12528
August	0	0	0	0	0	12528
September	0	0	0	0	0	12528
October	0	0	0	0	0	12528
November	0	0	0	0	0	12528
December	0	0	0	0	0	12528
Total	0	0	0	0		

Pool Name: OTERO CHACRA (GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days Produced	Accum. Oil(BBLS)	Accum. Gas(MCF)
January	0	910	3	31	0	13438
February	0	1018	3	0	0	14456
March	0	1011	3	0	0	15467
April	0	951	3	0	0	16418
May	1	1059	3	0	1	17477
June	0	1103	3	0	1	18580
July	0	1020	0	0	1	19600
August	0	935	0	0	1	20535
September	0	1023	0	0	1	21558
October	0	1177	0	0	1	22735
November	0	1005	0	0	1	23740
December	0	1145	6	0	1	24885
Total	1	12357	24	31		

Year: 2001

Pool Name: BLANCO P. C. SOUTH (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days Produced	Accum. Oil(BBLS)	Accum. Gas(MCF)
January	0	0	0	0	1	24885
February	0	0	0	0	1	24885
March	0	0	0	0	1	24885
April	0	0	0	0	1	24885
May	0	0	0	0	1	24885
June	0	0	0	0	1	24885
July	0	0	0	0	1	24885
August	0	0	0	0	1	24885
September	0	0	0	0	1	24885
October	0	0	0	0	1	24885
November	0	0	0	0	1	24885
December	0	0	0	0	1	24885
Total	0	0	0	0		

Pool Name: OTERO CHACRA (GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days Produced	Accum. Oil(BBLS)	Accum. Gas(MCF)
January	0	972	6	31	1	25857
February	0	964	3	0	1	26821
March	0	1155	3	0	1	27976
April	0	973	3	0	1	28949
May	0	939	3	0	1	29888
June	0	845	3	0	1	30733
July	0	997	3	0	1	31730
August	0	1030	3	0	1	32760
September	0	920	3	0	1	33680
October	0	916	3	0	1	34596
November	0	1134	3	0	1	35730
December	0	962	3	0	1	36692
Total	0	11807	39	31		

Year: 2002

Pool Name: BLANCO P. C. SOUTH (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days Produced	Accum. Oil(BBLS)	Accum. Gas(MCF)
January	0	0	0	0	1	36692
February	0	0	0	0	1	36692
March	0	0	0	0	1	36692
April	0	0	0	0	1	36692
May	0	0	0	0	1	36692
June	0	0	0	0	1	36692
July	0	0	0	0	1	36692
August	0	0	0	0	1	36692
September	0	0	0	0	1	36692

May	0	0	0	0	1	60978
June	0	1698	0	0	1	62676
July	0	1660	155	0	1	64336
August	0	0	0	0	1	64336
September	0	0	0	0	1	64336
October	0	0	0	0	1	64336
November	0	0	0	0	1	64336
December	0	0	0	0	1	64336
Total	0	9286	155	31		

Page last updated 07/22/2003. Webmaster [gotech@prc.nmt.edu](mailto:gotech@prc.nmt.edu)