

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. NMSF079232 ✓	
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 Fax: 505.564.6700		8. Well Name and No. BOLACK C 19 ✓	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 31 T27N R8W SWSE 725FSL 1345FEL		9. API Well No. 30-045-31911-00-X1 ✓	
		10. Field and Pool, or Exploratory Multiple--See Attached ✓	
		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 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 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.)

REVISED: First sundry (EC26618) had incorrect well name. Please disregard and accept this sundry in its place.

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

CONDITIONS OF APPROVAL
Adhere to previously issued stipulations.

DHC 3233

14. I hereby certify that the foregoing is true and correct. Electronic Submission #26619 verified by the BLM Well Information System For XTO ENERGY INC, sent to the Farmington Committed to AFMSS for processing by MATTHEW HALBERT on 02/02/2004 (04MXH0163SE)	
Name (Printed/Typed) HOLLY PERKINS	Title REGULATORY SPECIALIST
Signature (Electronic Submission)	Date 01/07/2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By /s/ Jim Lovato	Title	Date FEB - 5 2004
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 NMOCD

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 ****

Additional data for EC transaction #26619 that would not fit on the form

10. Field and Pool, continued

BLANCO MESAVERDE

BASIN MANCOS

BASIN DAKOTA .



January 5, 2004

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
Bolack C #19
Unit 0, Sec. 31, T 27 N, R 08 W
San Juan County, New Mexico

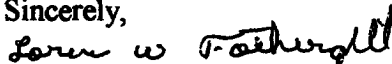
Dear Ms. Wrotenberry,

XTO Energy Inc. respectfully request approval to downhole commingle production from the Basin Dakota, Wildcat Basin Mancos and the Blanco Mesaverde pools in the Bolack C #19. The Bolack C #19 is currently being permitted by XTO Energy, Inc as a Basin Dakota, Basin Mancos and the Blanco Mesaverde well. It is proposed to downhole commingle the zones upon completion of the well.

The WI, 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 Basin Dakota, Basin Mancos and the Blanco Mesaverde. Should you need any additional information please contact me at (505) 324-1090.

Sincerely,

Loren W. Fothergill
Production Engineer

Enclosures
Cc: GLM
TWD
LWF
George Cox – FTW Land
Well File

District I
1625 N. French Drive, Hobbs, NM 88240

District II
1301 W. Grand Avenue, Artesia, NM 88210

District III
1000 Rio Brano 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 June 10, 2003

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 87401

Operator Address
Bolack C 19 Unit O, Sec 31, T27N, R8W San Juan
Well No. Unit Letter-Section-Township-Range County
OGRID No. 167067 Property Code API No. 30-045-31911 Lease Type: ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Blanco Mesaverde	Wildcat Basin Mancos	Basin Dakota
Pool Code	72319	97232	71599
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	3,535' - 4,598' Perforated	4,598' - 6,264' Perforated	6,316' - 6,585' 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)	Est 300 psig	Est 340 psig	Est 300 psig
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1399	1148	1414
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:
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 38 % 54 % 38 %	Oil Gas Water 9 % 30 % 9 %	Oil Gas Water 37 % 32 % 37 %

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 January 7, 2004

TYPE OR PRINT NAME Darrin Steed TELEPHONE NO. 505 324-1090

E-MAIL ADDRESS Darrin_Steed@XTOEnergy.com

Form C-102
Revised February 21, 1994
Instructions on back
o Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

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

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 3004331911		*Pool Code 71599	*Pool Name BASIN DAKOTA	
*Property Code	*Property Name BOLACK C			*Well Number 19
*OGRID No. 167067	*Operator Name XTO ENERGY INC.			*Elevation 6130

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
0	31	27-N	8-W		725	SOUTH	1345	EAST	SAN JUAN

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 320		E / 2	13 Joint or Infill I		14 Consolidation Code		15 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

LOT 1			
LOT 2			<p style="text-align: right;">QTR. CORNER FD 3 1/4" BC 1955 BLM</p>
LOT 3	31	<p style="text-align: center;">LAT. 36°31'32" N. (NAD 83) LONG. 107°43'07" W (NAD 83)</p>	<p style="text-align: right;">N 00-51-01 E 2662.0'</p>
LOT 4		<p style="text-align: center;">1226' 605' 59' 1345'</p> <p style="text-align: center;">725'</p> <p style="text-align: center;">N 88-50-25 W 2571.5'</p> <p style="text-align: right;">SEC. CORNER FD 3 1/4" BC 1955 BLM</p>	<p style="text-align: right;">QTR. CORNER FD 3 1/4" BC 1955 BLM</p>

17 OPERATOR CERTIFICATION

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

Signature _____

Printed Name JEFFREY W PATTON

Title DRILLING ENGINEER

Date 9-18-03

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plot 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 3-14-03

Signature and Seal of Registered Professional Surveyor _____

Certificate Number 14827

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
Department of Minerals & Natural Resources

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 3004531911	² Pool Code 977232	³ Pool Name BASIN MANCOS
⁴ Property Code	⁵ Property Name BOLACK C	⁶ Well Number 19
⁷ OGRID No. 167067	⁸ Operator Name XTO ENERGY INC.	⁹ Elevation 6130

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
0	31	27-N	8-W		725	SOUTH	1345	EAST	SAN JUAN

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 160 SE/4		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ 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

LOT 1			
LOT 2			
LOT 3			
LOT 4			

QTR. CORNER
FD 3 1/4" BC
1955 BLM

QTR. CORNER
FD 3 1/4" BC
1955 BLM

SEC. CORNER
FD 3 1/4" BC
1955 BLM

LAT. 36°31'32" N. (NAD 83)
LONG. 107°43'07" W (NAD 83)

1226'

605'

725'

1345'

59'

N 88-50-25 W
2571.5'

N 00-51-01 E
2662.0'

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

9-18-03

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

Certificate Number

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

DISTRICT II
P.O. Drawer 00, 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
Department of Minerals & Natural Resources

OIL CONSERVATION DIVISION

P.O. Box 2088
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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 3004531911	² Pool Code 72319	³ Pool Name Blanco Mesaverte
⁴ Property Code	⁵ Property Name BOLACK C	⁶ Well Number 19
⁷ GRID No. 11070107	⁸ Operator Name XTO ENERGY INC.	⁹ Elevation 6130

¹⁰ Surface Location

UL or lot no. 0	Section 31	Township 27-N	Range 8-W	Lot Idn	Feet from the 725	North/South line SOUTH	Feet from the 1345	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
¹² Dedicated Acres 320 212		¹³ Joint or Infill I		¹⁴ Consolidation Code					

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

LOT 1									
LOT 2									
LOT 3									
LOT 4									

QTR. CORNER
FD 3 1/4" BC
1955 BLM

QTR. CORNER
FD 3 1/4" BC
1955 BLM

SEC. CORNER
FD 3 1/4" BC
1955 BLM

LAT. 36°31'32" N. (NAD 83)
LONG. 107°43'07" W (NAD 83)

1226'

605'

725'

1345'

59'

N 00-51-01 E
2662.0'

N 88-50-25 W
2571.5'

17 OPERATOR CERTIFICATION

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

Signature Kelly K Small
Printed Name Kelly K Small
Title Drilling Assistant
Date 2/1/03

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 2/1/03
Signature and Seal of Registered Professional Surveyor
DAVID S. JOHNSON
14827
Certificate Number

Bolack C #19
9 Section EUR's
31 27N 8W

Well Name	No	Sec	Unit	Twn	Rng	Blanco Mesaverde		WC Mancos		Basin Dakota	
						Gas EUR (mmcf)	Oil EUR (mbo)	Gas EUR (mmcf)	Oil EUR (mbo)	Gas EUR (mmcf)	Oil EUR (mbo)
STARR	3	5	G	26N	8W	937	13			244	11
NEWSOM B	11	5	N	26N	8W					644	13
NEWSOM B	11E	5	P	26N	8W			125	2	598	10
NAVAJO INDIAN	6	6		26N	8W	4,816	17			1,177	19
NEWSOM B	8	6	P	26N	8W					1,177	15
NEWSOM B	8E	6	H	26N	8W					314	3
NAVAJO INDIAN	6E	6		26N	8W	157	0			74	2
HUERFANITO UNIT	87	1	K	26N	9W	4,526	23			2,123	18
HUERFANITO UNIT	90	1		26N	9W	3,971	16			1,596	17
BOLACK B	1	29	I	27N	8W					71	4
BOLACK B	4	30	O	27N	8W					384	16
NAVAJO INDIAN B	5M	30		27N	8W	174	5			693	10
NAVAJO INDIAN B	5	30		27N	8W	1,475	17			1,415	27
BOLACK B	5	31	J	27N	8W					684	11
NAVAJO C	2	31		27N	8W					1,630	21
NAVAJO C	2M	31	E	27N	8W					667	2
NAVAJO 1	1	25	G	27N	9W					2,154	13
HUERFANITO UNIT	82	25	L	27N	9W					2,039	12
STATE COM E	6	32	J	27N	9W					52	7
STATE COM D	5	32	F	27N	9W					209	6
HUERFANITO UNIT	78	36	B	27N	9W	3,002	45			1,421	28
HUERFANITO UNIT	86	36	L	27N	9W	2,720	18			3,089	16
HUERFANITO UNIT	78M	36	I	27N	9W	0	0			6	1
STARR	5	5		26N	8W			330	21		
NEWSOM B	20	5	L	26N	8W	5	0				
STARR	4	6	H	26N	8W	943	10				
NAVAJO INDIAN	6A	6	L	26N	8W	235	2				
STARR	4A	6	J	26N	8W	561	3				
HUERFANITO UNIT	87A	1	F	26N	9W	2,103	10				
BOLACK C LS	13	29	M	27N	8W	1,162	11				
BOLACK C LS	12	29	A	27N	8W	2,039	11				
BOLACK C	12B	29	I	27N	8W	493	2				
BOLACK C	13B	29	F	27N	8W	523	2				
BOLACK C LS	13A	29	D	27N	8W	591	4				
BOLACK C LS	12A	29	J	27N	8W	351	4				
BOLACK C LS	14A	30	I	27N	8W	763	10				
BOLACK C LS	14	30	B	27N	8W	1,015	7				
BOLACK C LS	9	31	H	27N	8W	2,998	37				
LINDA	1	31	M	27N	8W	1,472	9				
BOLACK C	9B	31	B	27N	8W	662	7				
LINDA	1A	31		27N	8W	2,184	39				
CUCCIA COM B	4	32	H	27N	8W	907	10				
CUCCIA COM B	4A	32	J	27N	8W	811	15				
STATE COM D	5	32	F	27N	8W	519	5				
CUCCIA COM A	3	32	M	27N	8W	984	14				
HUERFANITO UNIT	82	25	L	27N	9W	3,691	41				
NAVAJO 1	1	25	G	27N	9W	871	17				
HUERFANITO UNIT	86A	36	C	27N	9W	805	87				
TOTAL						48,468	511	455	23	22,461	282
AVERAGE						1,425	15	228	12	977	12

Proposed Allocations

	Gas %	Oil %
Mesaverde	54%	38%
Mancos	9%	30%
Dakota	37%	32%