

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. 1st Street, 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

Form C-101
Revised March 17, 1999

Oil Conservation Division
1220 S. St. Francis Dr.
Santa Fe, NM 87505

Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address XTO Energy Inc. 2700 Farmington Ave., Bldg. K. Ste 1		² OGRID Number 167067
⁴ Property Code 32284	⁵ Property Name Fee	³ API Number 30-045-32043
		⁶ Well No. #12B

⁷ 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	12	30N	12W		675'	North	1800'	East	San Juan

⁸ Proposed 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
⁹ Proposed Pool 1 Blanco Mesaverde					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary Rotary	¹⁴ Lease Type Code Fee	¹⁵ Ground Level Elevation 5,810' Ground Level
¹⁶ Multiple N	¹⁷ Proposed Depth 5,000'	¹⁸ Formation Mesaverde	¹⁹ Contractor Bearcat Drilling	²⁰ Spud Date Winter, 2004

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	8-5/8"	24.0#, J-55, STC	260'	175 sx	Surface
7-7/8"	4-1/2"	10.5#, J-55, STC	5,000'	575 sx	Surface

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone.

Describe the blowout prevention program, if any. Use additional sheets if necessary.

Surface: 175 sx of Type III cement w/2% CC & 1/4#/sx cello (14.8 ppg, 1.39 cuft). Circ to surface.

Production: 425 sx Type III w/8% gel & 1/4#/sx cello (11.4 ppg & 3.03 cuft/sx) followed by 150 sx Premium Lite cmt w/2% LCM & 1/4#/sx cello (12.5 ppg & 2.01 cuft/sx). Circ cement to surface.

Remarks: Use 40% excess over volume calculated from op hole logs to determine final cement volume.

BOP diagram is attached.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: <i>Jeffrey W. Patton</i>		Approved by: <i>[Signature]</i>	
Printed name: Jeffrey W. Patton		Title: DEPUTY OIL & GAS INSPECTOR, DIST. 02	
Title: Drilling Engineer		Approval Date: DEC - 8 2003	Expiration Date: DEC - 8 2004
Date: 12/5/03	Phone: 324-1090	Conditions of Approval: Attached <input type="checkbox"/>	

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
P.O. 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 30-045-32043		² Pool Code 12319		³ Pool Name mesaverde	
⁴ Property Code 32284		⁵ Property Name FEE			⁶ Well Number 12B
⁷ OGRID No. 1167067		⁸ Operator Name XTO ENERGY INC.			⁹ Elevation 5810

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
B	12	30-N	12-W		675	NORTH	1800	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 8/12			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

<p>16</p> <p>QTR. CORNER FD 3 1/4" BLM 1975 BC</p> <p>S 88°42'35" W 2471.3' (M)</p> <p>S 00°29'50" W 2621.8' (M)</p> <p>675'</p> <p>LAT: 36°49'55" N. (NAD 27) LONG: 108°02'47" W. (NAD 27)</p> <p>DEC 2003 RECEIVED OIL CON. DIV. DIST. 3</p> <p>12</p> <p>QTR. CORNER FD 3 1/4" BLM 1969 BC</p>	<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p><i>Dee H Small</i> Signature Dee H Small Printed Name Drilling Assistant Title 11/4/03 Date</p>
	<p>18 SURVEYOR CERTIFICATION</p> <p>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.</p> <p>DAVID A. JOHNSON NEW MEXICO Date of Survey Signature and Seal of Professional Surveyor: 14827 14827 Certificate Number</p>

BOP SCHEMATIC FOR DRILLING OPERATIONS CLASS 1 (2M) NORMAL PRESSURE

TESTING PROCEDURE

1. Test BOP after installation:

Pressure test BOP to 200-300
psig (low pressure) for 5 min.

Test BOP to Working Press or
to 70% internal yield of surf csg
(10 min).

2. Test operation of (both) rams on every trip.

3. Check and record Accumulator pressure on every tour.

4. Re-pressure test BOP stack after changing out rams.

5. Have kelly cock valve with handle available.

6. Have safety valve and subs to fit all sizes of drill string.

ROTATING HEAD
(OPTIONAL)

FILL UP LINE

FLOW LINE
TO PIT

PIPE
RAMS

BLIND
RAMS

KILL LINE
2" dia min.

TO CHOKE
MANIFOLD
2" dia min.

See Choke Manifold drawing for
specifications

HCR VALVE (OPTIONAL)

MUD CROSS

2" (MIN) FULL OPENING

** Remove check or ball
from check valve and
press test to same press

