

OIL CONSERVATION DIVISION

2040 South Pacheco

Santa Fe, NM 87505

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 S. 1st Street, Artesia, NM 88210-2834
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

☐ 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 Farmington, NM 87401		² OGRID Number 167067
⁴ Property Code 22640	⁵ Property Name State Gas Com "BP"	³ API Number 30-0 15-32002 ⁶ Well No. #1G

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	32	29N	09W		1030'	North	1745'	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
B	32	29N	09W		660'	North	1980'	East	San Juan

⁹ Proposed Pool 1

Basin Dakota

¹⁰ Proposed Pool 2

Blanco Mesaverde

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S (State)	¹⁵ Ground Level Elevation 6,097' Ground Level
¹⁶ Multiple Yes	¹⁷ Proposed Depth 7,300'	¹⁸ Formation Dakota	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"	9-5/8"	36.0 #/ft	260'	+ 140 sx	Surface
8-3/4"	7"	20.0 #/ft	3,000'	+ 400 sx	Surface
6-1/4"	4-1/2"	10.5 #/ft	7,300'	+ 400 sx	2,500'

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.

Drill to 260' Run new 9-5/8" csg. Cmt csg w/140 sx Type III cmt (15.6 ppg, 1.18 cuft/sx) w/2% CaCl & 1/4# Celloflake. Attempt to circ cmt to surface. NU BOP. Test BOP. Mix mud. Drill ahead w/8-3/4" hole to 3,000'. Run new 7" csg. Cmt csg w/250 sx Lite Weight cmt (11.4 ppg, 3.03 cuft/sx) followed by 150 sx Type III cmt (14.5 ppg, 1.39 cuft/sx). Attempt to cmt to surf.
Drill to TD (@ 7,300'). Log well. Run new 4-1/2" csg to btm. Cmt csg with approx 250 sx Premium Lite cmt (12.5 ppg, 2.01 cuft/sx) followed by 150 sx Premium Lite HS cmt (14.2 ppg, 1.54 cuft/sx)
Est top of cmt @ 2,500'. Verify TOC with temp survey or CBL.
See enclosed drawing for BOP stack configuration.

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

Signature:

Jeffrey W. Patton

Printed name: Jeffrey W. Patton 11/13/02

Title: Drilling Engineer

OIL CONSERVATION DIVISION

Approved by:

Title: DEPUTY OIL & GAS INSPECTOR, DIST. 4

Approval Date: NOV 14 2003

Expiration Date: NOV 14 2004

HOLD C104 FOR Dir Survey

DISTRICT I
1825 N. French Dr., Hobbs, N.M. 88240

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 15, 2000

DISTRICT II
811 South First, Artesia, N.M. 88210

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, NM 87505

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-32002		² Pool Code 71599	³ Pool Name BASIN DAKOTA
⁴ Property Code 22640	⁵ Property Name STATE GAS COM BP		⁶ Well Number 1G
⁷ GRID No. 167067	⁸ Operator Name XTO ENERGY INC.		⁹ Elevation 6097'

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	32	29-N	9-W		1030'	NORTH	1745'	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
B	32	29N	9W		660'	NORTH	1980'	EAST	SAN JUAN
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

<p>16 CALC'D CORNER N 01-54-43 E 33' FROM WITNESS CORNER FD. 3 1/4" BC B.L.M. 1950</p>	<p>S 89-29-45 W 5242.3' (M)</p>	<p>FD. 3 1/4" BC B.L.M. 1951</p>	<p>17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p>Signature <u>Jeffrey W. Patton</u> Printed Name <u>JEFFREY W. PATTON</u> Title <u>DILLING ENGINEER</u> Date <u>11-13-03</u></p>
	<p>LAT: 36°41'12" N. (NAD 83) LONG: 107°48'06" W.</p>	<p>FD. 3 1/4" BC B.L.M. 1951</p>	

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 15, 2000

DISTRICT II
811 South First, Artesia, N.M. 88210

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Fee Lease - 3 Copies

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Santa Fe, NM 87505

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-32002	² Pool Code 72319	³ Pool Name BLANCO MESAUERDE
⁴ Property Code 22640	⁵ Property Name STATE GAS COM BP	⁶ Well Number 1G
⁷ GRID No. 167067	⁸ Operator Name XTO ENERGY INC.	⁹ Elevation 6097'

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	32	29-N	9-W		1030'	NORTH	1745'	EAST	SAN JUAN

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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 CALC'D CORNER N 01-54-43 E 33' FROM WITNESS CORNER FD. 3 1/4" BC B.L.M. 1950	<p>S 89-29-45° W 5242.3' (M)</p> <p>BOTTOM HOLE LOC.</p> <p>1030'</p> <p>1980'</p> <p>1745'</p> <p>FD. 3 1/4" BC B.L.M. 1951</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>Signature <u>Jeffrey W Patton</u></p> <p>Printed Name <u>JEFFREY W PATTON</u></p> <p>Title <u>DRAWING ENGINEER</u></p> <p>Date <u>11-13-03</u></p>
<p>5104.7' (M)</p> <p>S 01-54-43 W</p> <p>FD. 2 1/2" BC U.S.G.L.O. 1916</p>	<p>LAT: 36°41'12" N. (NAD 83) LONG: 107°48'06" W.</p> <p>32</p> <p>FD. 3 1/4" BC B.L.M. 1951</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>Date of Survey <u>8-11-03</u></p> <p>Signature and Seal of Professional Surveyor: <u>[Signature]</u></p> <p>14827</p> <p>Certificate Number <u>14827</u></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.

