

Submit 3 Copies To Appropriate District
Office
District I
1625 N French Dr, Hobbs, NM 87240
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

Form C-103
June 19, 2008

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

WELL API NO 30-045-25562
5 Indicate Type of Lease STATE ☒ FEE ☐
6 State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name STATE GAS COM BC
8 Well Number #1E
9. OGRID Number
10. Pool name or Wildcat BASTIN DAKOTA
11. Elevation (Show whether DR, RKB, RT, GR, etc) 6048' GR

SUNDRY NOTICES AND REPORTS ON WELLS
(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)

1. Type of Well Oil Well ☐ Gas Well ☒ Other	7. Lease Name or Unit Agreement Name STATE GAS COM BC
2 Name of Operator XTO ENERGY INC.	8 Well Number #1E
3. Address of Operator 382 CR 3100 AZTEC, NM 87410	9. OGRID Number
4 Well Location Unit Letter G 1520' feet from the NORTH line and 1585' feet from the EAST line Section 32 Township 31N Range 12W NMPM County SAN JUAN	10. Pool name or Wildcat BASTIN DAKOTA
11. Elevation (Show whether DR, RKB, RT, GR, etc) 6048' GR	

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 COMPL ☐
DOWNHOLE COMMINGLE ☐

OTHER RECOMPLETE MESAVERDE ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS ☐ P AND A ☐
CASING/CEMENT JOB ☐
RCVD SEP 4 '12
OIL CONS. DIV.
DIST. 3

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 recomplete this well to the Blanco Mesaverde per the attached procedure.
Please see also the attached C-102 plat for the MV.

XTO Energy Inc. plans to use the C-144 CLEZ Permit 5973 that was approved on 6/2/2010 for RC MV.

Review CBL 4/000 Before Ref Oct

Spud Date:

Rig Release Date:

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

SIGNATURE Sherry J. Morrow TITLE REGULATORY ANALYST DATE 8/30/2012
Type or print name SHERRY J. MORROW E-mail address: sherry_morrow@xtoenergy.com PHONE 505-333-3630

For State Use Only

APPROVED BY Charles TITLE SUPERVISOR DISTRICT #3 DATE SEP 11 2012
Conditions of Approval (if any) AV

**State Gas Com BC #1E
Unit G, Sec 32, T31N, R12W
San Juan County, New Mexico**

Mesaverde Completion

AFE#/Well#: MV: 1000532 / 97080
Formation: Blanco Mesaverde
Prod. Csg: 4-1/2", 10.5#, csg @ 7,045'
PBTD: 5,048'
Tubing: NC, SN & 155 jts 2-3/8" 4.7#, J-55, 8rd, EUE tbg. EOT @ 5,043'.
Status: DK T&A'd

Mesaverde Completion Procedure

1. MI 7 – 400 bbl frac tanks & flowback tank. Fill tanks w/2% KCl additive water.
2. MIRU PU. TOH tbg.
3. MIRU WL & mast trucks. Run GR/CCL/CBL fr/5,048' - surface. *Review CAL w/ OCD before
Perf for CUT*
4. RIH w/pkr, set below anticipated sqz holes (~1,000') & PT to 3,200 psig.
5. TOH w/pkr.
6. RIH & chemical cut 4-1/2" csg @ 262' (center of joint).
7. Dress top of 4-1/2" csg w/concave mill.
8. RIH w/Bowen csg patch fr/Select Oil Tools & 4-1/2", 10.5#, J-55 csg to surface.
9. PT csg to 500 psig teting csg patch.
10. Engineer will analyze CBL w/OCD to determine cmtg operations.
11. Perf squeeze holes 120 degree phasing at determined depth. Estab circ to bradenhead. Pmp determined amount of cmt down csg. SD WOC.
12. TIH w/3-7/8" bit & DO cmt. TOH w/bit.
13. PT csg to 550 psig & submit successful chart to OCD.
14. MIRU WL & mast trucks. Correlate depth w/Gearhart Compensated Neutron log dated Feb 17, 1983.

15. Perf Mesaverde Point Lookout w/3-1/8" csg gun w/1 JSPF w/Owen HSC-3125-302 or equivalent performance charges (10 gm, 0.34" dia., 21.42" penetration). Total 28 holes. POH w/csg gun.

PL Perfs – 28 holes					
4,898'	4,878'	4,821'	4,760'	4,728'	4,704'
4,895'	4,876'	4,814'	4,751'	4,720'	4,700'
4,892'	4,840'	4,774'	4,743'	4,716'	4,696'
4,889'	4,838'	4,769'	4,739'	4,712'	
4,886'	4,825'	4,764'	4,731'	4,708'	

16. TIH w/4-1/2" fullbore tension pkr, 32 jts 2-7/8", 6.5#, w/TDC workstring, Set pkr @ $\pm 4,500'$ & sub up to ensure tbg collar is below BOP rams.
17. NU frac stack.
18. MIRU Halliburton frac, acid equip & N₂ transports.
19. BD perfs w/2% KCl water & EIR. Acidize w/1,500 gals 15% NEFE HCl acid & 45 – 7/8" 1.1 SG RCN BS at 10 BPM down workstring. Max TP 3,200 psig. Flush w/1,350 gals 2% KCl wtr (over flush 3 bbls past btm perf). Record ISIP, 5", 10" and 15" SIPs.
20. RIH w/pkr & knock off balls. Reset pkr @ 1,000' & sub up to ensure tbg collar is below BOP rams.
21. Pressure TCA to 200 psig Monitor backside.
22. Frac Mesaverde Point Lookout perfs fr/4,696'-4,898' down workstring at 35 BPM w/107,000 gals 60Q N₂ foamed, 12# XL gelled, 2% KCl wtr (Delta 140) carrying 100,000# 20/40 BASF sand. Max TP 3,200 psig. 2 pound drop on the inline, **switch to tub bypass**. Flush 2,675 gals w/Slickwater. Record ISIP & 5" SIP.

Point Lookout Schedule					
Stage	BPM	Fluid	Foam (Gal)	Prop	Cum. Prop
Pad	35	12# 60Q XL foam	22,000		
0.5 ppg	35	12# 60Q XL foam	24,000	12,000# 20/40 BASF	12,000#
1 ppg	35	12# 60Q XL foam	23,000	23,000# 20/40 BASF	35,000#
1.5 ppg	35	12# 60Q XL foam	22,000	33,000# 20/40 BASF	68,000#
2 ppg	35	12# 60Q XL foam	16,000	32,000# 20/40 BASF	100,000#
Flush	35	Slickwater	2,675		
TOTAL	107,000 Gal Foam	100,000# 20/40 BASF			

23. SWI 3 hrs. RDMO N₂ frac equip.

24. TOH w/pkr & tbg.

25. RU integrated flowline to flowback tnk. OWU on 1/4" ck. Have larger ck sizes available. Adjust ck size as needed to unload well w/o bringing back excessive sand. Flow back until sand & N₂ clean up. SWI. RD flowline.
26. MIRU AFU.
27. PU & TIH w/3-7/8" bit, 2-3/8" tbg. Tag for fill.
28. Est. circ. CO fill to CBP @ 4,650'. DO CBP.
29. TIH. CO fill to PBTD @ 5,048'. TOH. LD bit.
30. TIH w/NC, SN & tbg to ±4,770'.
31. ND BOP. NU WH
32. Swab well until KO. RDMO PU.

Regulatory Requirements:

NOI Recomplete to MV
C-144
MV completion reports
MV request for allowables

Services:

Halliburton fracturing and N₂ services
WL
AFU

Equipment List:

7 – 400 bbl frac tanks
1 flow back tank
±32 jts 2-7/8", 6.5#, TDC workstring
3-7/8" bit

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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

Form C-102
Revised October 19, 2009
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-25562		² Pool Code 72319		³ Pool Name BLANCO MESAVERDE	
⁴ Property Code 22639		⁵ Property Name STATE GAS COM BC			⁶ Well Number 1E
⁷ OGRID No. 5380		⁸ Operator Name XTO Energy Inc			⁹ Elevation 6136'

¹⁰ Surface Location

UL or lot no G	Section 32	Township 31N	Range 12W	Lot Idn	Feet from the 1520	North/South line NORTH	Feet from the 1585	East/West line EAST	County SAN JUAN
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. SAME	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line RCVD SEP 4 '12	County
								OIL CONS. DIV.	
								DIST. 3	

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

					¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true & complete to the best of my knowledge & belief and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division				
					Signature 				
					Printed Name SHERRY J MORROW				
					Title REGULATORY ANALYST				
					Date 8/30/2012				
					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 & correct to the best of my belief				
					Date of Survey 6/23/1984				
					Original Survey Signed By John A. Vukonich				
					Certificate Number 14831				



XTO - Wellbore Diagram

Well Name: State Gas Com BC 01E

API/UWI	E/W Dist (ft)	E/W Ref	N/S Dist (ft)	N/S Ref	Location	Field Name	County	State
30045255620000	1,585 0	FEL	1,520 0	FNL	T31N-R12W-S32	Basin Dakota	San Juan	New Mexico
Well Configuration Type	XTO ID B	Ong KB Elev (ft)	Gr Elev (ft)	KB-Grd (ft)	Spud Date	PBTD (All) (ftKB)	Total Depth (ftKB)	Method Of Production
Vertical	71235	6,060 00	6,048 00	12 00	1/30/1983	Original Hole - 7036 0	7,046 0	Plgr Lift

Well Config Vertical - Original Hole, 1/29/2010 4 55 41 PM

Schematic - Actual		Incl	ftKB (TVD)	ftKB (MD)	Zones						
					Zone	Top (ftKB)			Btm (ftKB)		
					Dakota	6,854 0			7,030 0		
Casing Strings											
0	Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)					
12	Surface	8 5/8	24 00	K-55	ST&C	312 0					
312	Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)					
312	Production	4 1/2	10 50	J-55	ST&C	7,045 0					
324	Item Description	OD Nominal (in)	Wt (lbs/ft)	Grade	Top (ftKB)	Bottom (ftKB)					
324	DV Tool	4 1/2			5,110 0	5,112 0					
668	Cement										
745	Description	Type				String					
745	Surface Casing Cement	casing				Surface, 312 0ftKB					
1,000	Comment										
2,352	Description	Type				String					
2,422	Production Casing Cement	casing				Production, 7,045 0ftKB					
2,422	Comment										
3,916	Description	Type				String					
4,990	Cement Plug	plug				Production, 7,045 0ftKB					
5,042	Comment										
5,042	6,748' - 6,810'										
5,043	Description	Type				String					
5,043	Cement Plug	plug				Production, 7,045 0ftKB					
5,043	Comment										
5,048	5,597' - 5,747'										
5,110	Description	Type				String					
5,110	Cement Plug	plug				Production, 7,045 0ftKB					
5,112	Comment										
5,112	5,048' - 5,200'										
5,200	Perforations										
5,597	Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Hole Diameter (in)	Phasing (°)	Zone				
5,747	3/22/1983	6,854 0	6,866 0	2 0	0 380		Dakota				
5,972	3/22/1983	6,880 0	6,882 0	2 0	0 380		Dakota				
6,498	3/22/1983	6,896 0	6,930 0	2 0	0 380		Dakota				
6,748	3/22/1983	6,960 0	6,964 0	2 0	0 380		Dakota				
6,748	3/16/1983	7,005 0	7,030 0	2 0	0 380		Dakota				
6,810	Tubing Strings										
6,811	Tubing Description	Run Date				Set Depth (ftKB)					
6,847	Tubing - Production	1/14/2010				5,043 2					
6,847	Tubing Components										
6,854	Item Description	Jts	Model	OD (in)	Wt (lbs/ft)	Grade	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)	
6,866	Tubing	155	T&C Upset	2 3/8	4 70	J-55	8RD EUE	5,041 70	0 0	5,041 7	
6,880	Seat Nipple	1		2 3/8		J-55		1 10	5,041 7	5,042 8	
6,882	Notched Collar	1		2 3/8			8RD EUE	0 44	5,042 8	5,043 2	
6,896											
6,930	Rods										
6,960	Rod Description	Run Date				String Length (ft)	Set Depth (ftKB)				
6,964	Rod Components										
6,993	Item Description	Jts	Model	OD (in)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)			
6,993											
6,994	Stimulations & Treatments										
7,005	Frac Start Date	Top Perf (ft)	Bottom Pe	V (slurry) (	Total Prop	AIR (lb	ATP (psi)	MTP (psi)	ISIP (psi)		
7,005	3/16/1983	7005	7030								
7,030	Comment										
7,030	IHS 297 Well Import										
7,036	Test number 001										
7,045	Measurement gal lb										
7,045	Remarks 16 gals										
7,046											

4 1/2" CBP, 4, 6,810-6,811

Top (MD) 6,854, Des Dakota

4 1/2" CIBP, 4, 6,993-6,994

Sand Fill, 4 100, 6,994-7,036

PBTD, 7,036

TD, 7,046

PBTD,
7,036

TD,
7,046

4 1/2" CBP, 4,
6,810-6,811

Top (MD) 6,854,
Des Dakota

4 1/2" CIBP, 4,
6,993-6,994

Sand Fill, 4 100,
6,994-7,036

.. 2

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	668	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kortland & Rutland _____	1710	T. Penn. "C" _____
D. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	2352	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	3916	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	4095	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	4694	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	4990	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	5972	T. Ignacio Quizte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	6779	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	6847	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____		T. _____
T. Tubb _____	T. Granite _____	T. Todillo _____		T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____		T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____		T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____		T. _____
T. Penn. _____	T. _____	T. Pennian ... _____		T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____		T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....
No. 2, from.....to.....
No. 3, from.....to.....
No. 4, from.....to.....
No. 5, from.....to.....
No. 6, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet.

No. 2, from to feet.

No. 3, from to feet.

No. 4, from to feet.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
668	745		Ojo Alamo				
2352	2422		Pictured Cliffs				
3916	4990		Mesaverde				
5972	6498		Gallup				
6847	TD		Dakota				