

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 <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
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 BASIN DAKOTA

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 <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> 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, NEW MEXICO 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 BASIN 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 ☐

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 for the MV.

RCVD JUN 23 '10

OIL CONS. DIV.
DIST. 3

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 Lorri Bingham TITLE REGULATORY ANALYST DATE 4/14/2010
Type or print name Lorri_bingham@xtoenergy.com E-mail address: Lorri_bingham@xtoenergy.com PHONE 505-333-3204

For State Use Only

APPROVED BY _____ TITLE _____ DATE _____
Conditions of Approval (if any):

AZ

CLJ _____
TWD _____
Approved _____

**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.
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 cmtng 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 for 30".
24. TOH w/tbg & pkr.

25. RIH & set 4-1/2" CBP at 4,650' (Do not set in csg collars). Blow down well. Load csg w/2% KCl water. PT CBP to 500 psig. Release pressure.
26. Perf Mesaverde Menefee w/3-1/8" select fire csg gun 1 JSPF w/Owen HSC-3125-302 charges or equivalent performance charges (10 gm, 0.34" dia., 21.42" penetration). Ttl 17 holes.

Menefee Perfs - 17 holes				
4,614'	4,600'	4,534'	4,518'	4,502'
4,610'	4,550'	4,530'	4,514'	
4,607'	4,548'	4,526'	4,510'	
4,603'	4,538'	4,522'	4,506'	

27. TIH w/4-1/2" pkr, 137 jts 2-7/8", 6.5# w/TDC workstring. Set pkr @ $\pm 4,400'$.
28. BD perfs & EIR w/2% KCl wtr. Acidize w/1,000 gals of 15% NEFE HCl acid & 25-7/8" 1.1 SG bio BS down workstring. Max TP 7,000 psig @ ± 15 BPM (3,200 psig @ 0 BPM). Flush w/1,264 gals 2% KCl wtr (over flush 3 bbls past btm perf). Record ISIP & 5" SIP.
29. RIH w/pkr & knock off balls. Reset pkr.
30. Frac Mesaverde Menefee perfs 4,502' - 4,614' down workstring at 20 BPM w/54,000 gals 60Q, N₂ foamed, 12# XL gelled, 2% KCl wtr (Delta 140) carrying 50,000# 20/40 BASF sand. Max TP 7,000 psig. Flush 1,054 gals w/60Q N₂ foamed linear gel wtr (2 bbls above top perf). Record ISIP & 5" SIP.

Menefee Schedule					
Stage	BPM	Fluid	Foam (gal)	Prop	Cum Prop
Pad	20	12# 60Q XL foam	12,000		
0.5 ppg	20	12# 60Q XL foam	12,000	6,000# 20/40 BASF	6,000#
1 ppg	20	12# 60Q XL foam	11,000	11,000# 20/40 BASF	17,000#
1.5 ppg	20	12# 60Q XL foam	10,000	15,000# 20/40 BASF	32,000#
2 ppg	20	12# 60Q XL foam	9,000	18,000# 20/40 BASF	50,000#
Flush	20	12# 60Q foam	1,054		
Total		54,000 gals foam		50,000# 20/40 BASF	

31. SWI 3 hrs. RDMO N₂ frac equip.
32. TOH w/pkr & tbq.
33. 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.
34. MIRU AFU.

35. PU & TIH w/3-7/8" bit, 2-3/8" tbg. Tag for fill.

36. Est. circ. CO fill to CBP @ 4,650'. DO CBP.

37. TIH. CO fill to PBTD @ 5,048'. TOH. LD bit.

38. TIH w/NC, SN & tbg to \pm 4,770'.

39. ND BOP. NU WH

40. S wab 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 GRID 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
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	County
¹² Dedicated Acres MV: 320 acres									
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

	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, in a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division
	Signature
	Printed Name LORRI BINGHAM
	Title REGULATORY ANALYST
	Date 4/14/2010
	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