

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO 1004-0135  
Expires: July 31, 2010**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.*

RECEIVED

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

OCT 18 2011

1 Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		8 Well Name and No BREECH C 244G
2 Name of Operator XTO ENERGY INC		9 API Well No 30-039-30652-00-X1
3a Address 382 ROAD 3100 AZTEC, NM 87410		10 Field and Pool, or Exploratory Multiple--See Attached
3b Phone No. (include area code) Ph: 505.999.9999		11 County or Parish, and State RIO ARRIBA COUNTY, NM
4 Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 14 T26N R6W 660FNL 945FWL 36.492690 N Lat, 107.442910 W Lon		

## 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"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Plug Back
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Water Disposal
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input checked="" type="checkbox"/> Other Change to Original APD

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 recompleat 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 recompleat 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.)

XTO Energy Inc. would like to make changes to the cement design for the 5-1/2" production casing per the attached procedure.

RCVD OCT 25 '11

Justin Niederhofer received verbal approval from Jim Lovato w/BLM to proceed @ 1:00 p.m. and from Brandon Powell w/NMOCD @ 3:00 p.m. on 10/14/11 ✓

OIL CONS. DIV.

DIST. 3

**BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS**

**CONDITIONS OF APPROVAL**  
Adhere to previously issued stipulations.

14 Thereby certify that the foregoing is true and correct Electronic Submission #120287 verified by the BLM Well Information System For XTO ENERGY INC, sent to the Farmington Committed to AFMSS for processing by TROY SALYERS on 10/18/2011 (12TLS0014SE)	
Name (Printed/Typed)	Title
Signature (Electronic Submission)	Date 10/14/2011

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By TROY SALYERS	Title PETROLEUM ENGINEER	Date 10/18/2011
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 Farmington

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 \*\*

NMOCD

**Additional data for EC transaction #120287 that would not fit on the form**

**10. Field and Pool, continued**

BLANCO MESAVERDE

10. RU casing crew and run new 5-1/2" production casing as follows:

- a.) 5-1/2" Float Shoe
  - b.) One joint of 5-1/2", 17#, S-90, LTC casing
  - c.) 5-1/2" Float Collar
  - d.) 5-1/2", 17#, S-90, LTC (Marker Jt @ 7280')
  - e.) **DV Tool @ +/- 6325'**
  - f.) 5-1/2", 17#, S-90, LTC to surface ✓
- Optimum make-up torque for 5-1/2", 17#, S-90, LTC casing is **3750 ft-lbs** (min is 2810 ft-lbs, max is 4690 ft-lbs).
  - Thread lock all float equipment. Use Non-Metal API Modified thread compound on the remaining connections.
  - Have a casing swedge on the floor to fill casing while running if necessary, or to wash casing to bottom. Tag bottom with casing, PU 1' and begin circulating.
  - Alternate one Turbolizer and one Centralizer per joint on the bottom four joints, then place one Centralizer on every 3rd joint to 6325'. Place one Turbolizer 1 joint above the DV tool and then one Centralizer every fourth joint to 3375', and then one Centralizer every fifth joint to the surface casing shoe. Place 2 Centralizers inside of the surface casing.

Interval	Approx # of Jts	Spacing	Turbolizers	Centralizers
TD to 7500'	4	1 per Joint	2	2
7500' – 6325'	30	Every 3rd	0	10
6325' – 3300'	74	Every 4 <sup>th</sup> Joint	1	18
3300'-500	62	Every 5 <sup>th</sup> Joint	0	12
500'- sfc	11		0	2
<b>Total</b>	<b>181</b>		<b>3</b> ✓	<b>44</b> ✓

11. With casing on bottom, circulate mud to properties conducive to a good cement job. Rig up Halliburton Cementers and cement the 5 1/2" casing in **two stages**. ***The actual volumes should be adjusted using the annular volume as indicated by the open hole caliper log, plus 40% excess from TD to Surf Csg.*** ✓

#### Stage 1

**Lead:** 104 sx Premium Light Cmt w/ 10 pps Gilsonite + 0.125 pps Poly-E-Flake + 0.3% HR-5  
(mixed at 12.3 ppg, yield - 1.928 ft<sup>3</sup>/sk, mix wtr. – 9.249 gal/sk)

**Tail:** 100 sx 50:50 Poz Premium w/ 5 pps Gilsonite + 0.125 pps Poly-E-Flake + 0.6% Halad (R)-9 + 0.2% CFR-3  
(mixed at 13.5 ppg, yield - 1.29 ft<sup>3</sup>/sk, mix wtr. – 5.10 gal/sk).

## Stage 2

**Lead:** 713 sx 50/50 Poz w/ 0.2% Versaset + 1.5% Chem-Foamer 760, Totetank (foamer) + 0.1% Halad 766 (Low Fluid Loss Control)  
(mixed at 13.0 ppg, yield - 1.41 ft<sup>3</sup>/sk, mix wtr. - 6.67 gal/sk).

**This slurry is mixed at a 13 lb/gal but will be foamed back to 9.5 lb/gal with a 1.92 ft<sup>3</sup>/sk yield. ✓**

**Tail:** 100 sx 50/50 Poz w/ 0.2% Versaset + 0.1% Halad 766 (Low Fluid Loss Control)  
(mixed at 13.0 ppg, yield - 1.41 ft<sup>3</sup>/sk, mix wtr. - 6.67 gal/sk).

- a. Pre-flush with 20 bbls of fresh water
  - b. Pump and displace the cement at as high a rate as possible. Catch wet and dry samples throughout the job, sending dry samples to Farmington if a problem arises.
  - c. Circulate for 4 hours between Stages.
  - d. If cement does not circulate to surface, check with Farmington office to see if a Temperature Survey is needed to determine the TOC. ✓
12. Set the slips and NU wellhead. Jet and clean the pits. Release rig and RDMO.

## **SPECIAL INSTRUCTIONS** ✓

1. Check BOP blind rams each trip and pipe rams each day.
2. A trash trailer will be provided on each location. Keep trash picked up and the location as clean as possible. All drilling line, oil filters, etc. should be hauled away at the Drilling Contractor's expense. At the conclusion of drilling operations, the contents of the trash trailer will be disposed of into a commercial sanitary landfill.
3. Walk pits each day and check that there are no leaks or tares in liner.