

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.***SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well ☐ Oil Well ☒ Gas Well ☐ Other		5. Lease Serial No. NMSF077382
2. Name of Operator XTO ENERGY INC		6. If Indian, Allottee or Tribe Name
Contact: KRISTEN LYNCH E-Mail: Kristen_Babcock@xtoenergy.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address ENGLEWOOD, CO 80155	3b. Phone No. (include area code) Ph: 505-333-3206	8. Well Name and No. R P HARGRAVE J 1E
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 3 T27N R10W SENW 1540FNL 1520FWL 36.606873 N Lat, 107.886200 W Lon		9. API Well No. 30-045-24662-00-S1
		10. Field and Pool, or Exploratory BASIN DAKOTA
		11. County or Parish, and State SAN JUAN COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☒ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

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.)

****AMENDED****

XTO Energy Inc. proposes to amended the casing leak procedure that was submitted on 1/8/15.

XTO Energy Inc. proposes to repair the casing leak per the attached amended procedure. Please see attached Current and Proposed Wellbore diagrams.

XTO Energy will be moving a rig on location as soon as approval has been obtained from both BLM and the NMOCD.

OIL CONS. DIV DIST. 3**NOV 30 2015**Notify NMOCD 24 hours prior to
MIT

14. I hereby certify that the foregoing is true and correct. Electronic Submission #323365 verified by the BLM Well Information System For XTO ENERGY INC, sent to the Farmington Committed to AFMSS for processing by WILLIAM TAMBEKOU on 11/25/2015 (16WMT0050SE)	
Name (Printed/Typed) KRISTEN LYNCH	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 11/12/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>WILLIAM TAMBEKOU</u>	Title <u>PETROLEUM ENGINEER</u>	Date <u>11/25/2015</u>
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 <u>Farmington</u>

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** RV

5

**RP Hargrave J #1E
SEC 3, T27N, R10W
SAN JUAN, NM
API: 30-045-24662
CASING REPAIR**

PROD CSG: 4-1/2", 10.5#, J-55 CSG @6,689'. CMT'D IN TWO STGS. STG#1 LEAD 440 SX, TAIL 100 SX. STG #2 LEAD 1,370 SX, TAIL 100 SX. CIRC CMT TO SURFACE. **PBTD @ 6,648'**. CASING LEAK FROM 3,776'-4,278'.

TUBING: NC, SN & 202 JTS 2-3/8", 4.7#, J-55, 8RD, EUE TBG. SN @ 6,350', EOT @ 6,351'.

PERFORATIONS: DAKOTA: 6,412'-6,580', CIBP @6,381'

CURRENT STATUS: WELL SI.

1. MIRU PU.
2. Blow down and kill well with treated water. ND WH.
3. NU and pressure test BOPs.
4. TOH with 2-3/8" tubing.
5. TIH 4-1/2" RBP & 4-1/2" pkr on with 2-3/8" tubing. Verify casing leak 3,776'-4,278'. Set RBP @ 4,400' and cover with sand. PT RBP. Rls press.
6. TOH 2-3/8" tbg & 4-1/2" pkr.
7. TIH 4-1/2" 10K CICR, 1 jt 2-3/8" tbg, SN & 2-3/8" tbg. Set CICR @ 3,726' or 50' above verified casing leak. Sting out fr/CICR. Circ csg cln.
8. MIRU cmt equip. Sting into CICR. EIR into csg lks fr/3,776' - 4,278' or verified casing leak interval if changed.
9. Pump Plug w/200 sxs Type III cmt (mixed @ 14.6 ppg & 1.37 cu ft/sx yield), Flsh dwn tbg w/fresh water.
10. Sting out fr/CICR. Rev circ tbg cln w/fresh water. Circ cmt to pit. RDMO cmt equip.
11. TOH 2-3/8" tbg & BHA.
12. PU & TIH 3-3/4" bit, XO, 6 - 3-1/2" DCs, XO, 1 jt 2-3/8" tbg, SN & 2-3/8" tbg. Tag cmt. DO cmt, CICR & cmt.
13. TOH & LD BHA. Ld & PT csg @ 550 psi for 30" w/chart.
14. TIH & rls RBP. TOH & LD RBP.
15. PU & TIH NC, SN & +/- 205 jts 2-3/8" tbg.

16. ND BOP. NU WH. RDMO PU.

Regulatory Requirements

- C-144 -CLEZ
- Regulatory approval to repair casing

Services

- Baker cementing

Equipment List

- 4-1/2" pkr
- 4-1/2" RBP
- 3-3/4" bit
- 4-1/2" 10K CICR



XTO - Wellbore Diagram

Well Name: RP Hargrave J 01E

API/UWI 30045246620000	E/W Dist (ft) 1,520.0	E/W Ref FWL	N/S Dist (ft) 1,540.0	N/S Ref FNL	Location T27N-R10W-S03	Field Name Basin Dakota	County San Juan	State/Province New Mexico
Well Configuration Type Vertical	XTO ID B 70417	Orig KB Elev (ft) 6,073.00	Gr Elev (ft) 6,060.00	KB-Grd (ft) 13.00	Spud Date 10/26/1981	PBTD (All) (ftKB) Original Hole - 6648.0	Total Depth (ftKB) 6,689.0	Method Of Production Beam

Well Config: Vertical - Original Hole, 12/11/2014 10:29:31 AM

Schematic - Actual		Incl	ftKB (TVD)	ftKB (MD)	Zones						
					Zone	Top (ftKB)		Btm (ftKB)			
					Dakota	6,412.0		6,580.0			
Casing Strings											
13	Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)					
	Surface	8 5/8	24.00	K-55		335.0					
335	Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)					
	Production	4 1/2	10.50	J-55		6,689.0					
336	Item Description	OD (in)	Wt (lbs/ft)	Grade	Top (ftKB)	Bottom (ftKB)					
	DV Tool	4 1/2			4,835.0	4,836.0					
Cement											
3,776	Description	Type			String						
	Surface Casing Cement	casing			Surface, 335.0ftKB						
Comment											
Cmt'd w/300 sx Cl 'B' cmt. Circ 20 sx to surf.											
4,278	Description	Type			String						
	Production Casing Cement	casing			Production, 6,689.0ftKB						
Comment											
Cmt'd 1st stage w/440 sx 50/50 Poz mix + 100 sx Cl "B" neat cmt. Cmt'd 2nd stage w/1,370 sx 50/50 Poz mix + 100 sx Cl "B" neat. Circ 20 sx to surf.											
Perforations											
6,350	Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Hole Diameter (in)	Phasing (")	Curr... Status	Zone			
	11/18/1981	6,412.0	6,422.0	2.0				Dakota			
6,351	11/18/1981	6,447.0	6,455.0	2.0				Dakota			
	11/18/1981	6,504.0	6,548.0	2.0				Dakota			
6,366	11/18/1981	6,570.0	6,580.0	2.0				Dakota			
Tubing Strings											
6,370	Tubing Description	Run Date			Set Depth (ftKB)						
	Tubing - Production	11/12/2014			6,351.4						
Tubing Components											
6,381	Item Description	Jts	Model	OD (in)	Wt (lbs/ft)	Gra...	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)	
	Tubing	202	T&C Upset	2 3/8	4.70	J-55		6,337.34	13.0	6,350.3	
6,383	Seat Nipple	1		2 3/8				1.10	6,350.3	6,351.4	
Stimulations & Treatments											
6,400	Frac Start Date	Top Perf (ft...)	Bottom Pe...	V (slurry) (...)	Total Prop...	AIR (b...	ATP (psi)	MTP (psi)	ISIP (psi)		
	11/18/1981	6412	6580								
Comment											
Frac'd DK w/128,000 gals (37,000 gals xl 40# gel wtr pad & 40# & 30# gel wtr sd stgs) & 342,000 lbs 20/40 sd. AIR 37 bpm. ATP 1,500 psig. Max TP 2,600 psig. Max sd CONC 5 ppg. ISIP 1,400 psig, 15" sip 800 psig.											
6,412											
6,422											
6,447											
6,455											
6,504											
6,548											
6,570											
6,580											
6,648											
6,689											

Hole in Csg, 4 1/2, 3,776-4,278

4 1/2" CIBP, 4,100, 6,381-6,383

Top (MD):6,412, Des:Dakota

PBTD, 6,648

TD, 6,689

Hole in Csg, 4 1/2,
3,776-4,278

4 1/2" CIBP, 4,100,
6,381-6,383

Top (MD):6,412,
Des:Dakota

PBTD,
6,648

TD, 6,689



XTO - Wellbore Diagram

Well Name: RP Hargrave J 01E

API/UWI 30045246620000	E/W Dist (ft) 1,520.0	E/W Ref FWL	N/S Dist (ft) 1,540.0	N/S Ref FNL	Location T27N-R10W-S03	Field Name Basin Dakota	County San Juan	State/Province New Mexico
Well Configuration Type Vertical	XTO ID B 70417	Orig KB Elev (ft) 6,073.00	Gr Elev (ft) 6,060.00	KB-Grd (ft) 13.00	Spud Date 10/26/1981	PBTD (All) (ftKB) Original Hole - 6648.0	Total Depth (ftKB) 6,689.0	Method Of Production Beam

Well Config: Vertical - Original Hole, 12/11/2014 3:47:28 PM

Zones

Zone	Top (ftKB)	Btm (ftKB)
Dakota	6,412.0	6,580.0

Casing Strings

	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)
13 Surface	8 5/8	24.00	K-55		335.0
335 Liner	2 7/8	6.50	J-55		6,400.0
336 Production	4 1/2	10.50	J-55		6,689.0
336 DV Tool	4 1/2		Grade	Top (ftKB) 4,835.0	Bottom (ftKB) 4,836.0

Cement

Description	Type	String
3,776 Surface Casing Cement	casing	Surface, 335.0ftKB
4,278 Cmt'd w/300 sx Cl "B" cmt. Circ 20 sx to surf.		
4,835 Production Casing Cement	casing	Production, 6,689.0ftKB
4,836 Cmt'd 1st stage w/440 sx 50/50 Poz mix + 100 sx Cl "B" neat cmt. Cmt'd 2nd stage w/1,370 sx 50/50 Poz mix + 100 sx Cl "B" neat. Circ 20 sx to surf.		
6,366 Liner Casing Cement	casing	Liner, 6,400.0ftKB
6,370 Pmp 175 sx Baker Prem Lite HS cmt (12.6 ppg, 1.92 cf/sx).		

Perforations

Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Hole Diameter (in)	Phasing (")	Curr... Status	Zone
6,373 11/18/1981	6,412.0	6,422.0	2.0				Dakota
11/18/1981	6,447.0	6,455.0	2.0				Dakota
6,400 11/18/1981	6,504.0	6,548.0	2.0				Dakota
11/18/1981	6,570.0	6,580.0	2.0				Dakota

Tubing Strings

Tubing Description	Run Date	Set Depth (ftKB)
6,422 Tubing - Production	12/1/2014	6,446.0

Tubing Components

Item Description	Jts	Model	OD (in)	Wt (lbs/...)	Gra...	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)
6,445 Tubing	210		1 1/4	2.40	J-55		6,432.00	13.0	6,445.0
Seat Nipple			1 1/4				1.00	6,445.0	6,446.0

Stimulations & Treatments

Frac Start Date	Top Perf (ft...)	Bottom Pe...	V (slurry) (...)	Total Prop...	AIR (b...	ATP (psi)	MTP (psi)	ISIP (psi)
6,446 11/18/1981	6412	6580						
6,447 Comment								
6,455 Frac'd DK w/128,000 gals (37,000 gals xl 40# gel wtr pad & 40# & 30# gel wtr sd stgs) & 342,000 lbs 20/40 sd. AIR 37 bpm. ATP 1,500 psig. Max TP 2,600 psig. Max sd CONC 5 ppg. ISIP 1,400 psig, 15" sip 800 psig.								

Hole in Csg, 4 1/2,
3,776-4,278Top (MD):6,412,
Des:DakotaPBTD,
6,648

TD, 6,689