Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
SEP 23 2011
Farmington Field Office
Bureau of Land Management

FORM APPROVED
OMB NO. 1004-0137
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 page 2

5 Lease Serial No.
NMSF-079232

6 If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No

1 Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8 Well Name and No.
BOLACK C #24

2 Name of Operator
XTO Energy Inc.

9 API Well No
30-045-32813

3a Address
382 CR 3100, AZTEC, NM 87410

3b Phone No (*include area code*)
505-333-3176

10. Field and Pool, or Exploratory Area
BASIN FRUITLAND COAL

4 Location of Well (*Footage, Sec , T , R , M , or Survey Description*)
1130' FSL & 1630' FEL SWSE SEC.30(O)-T27N-R8W N.M.P.M.

11 County or Parish, State
SAN JUAN 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 QAP
	☐ 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 recomplete 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 recompletion 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 final site is ready for final inspection)

XTO Energy Inc. intends to open additional pay in the Basin Fruitland Coal formation per the attached procedure.

RECEIVED
SEP 2011
OIL CONS. DIV DIST. 3

14 I hereby certify that the foregoing is true and correct
Name (*Printed/Typed*) BARBARA A. NICOL
Title REGULATORY COMPLIANCE TECHNICIAN

Signature Barbara A. Nicol
Date 09/22/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Original Signed: Stephen Mason
Title
Date SEP 26 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

Title 18 U S C Section 1001, and Title 43 U S C Section 1212, makes 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

NMOCD

ML _____
JDB _____

BOLACK C #24
SEC 30, T27N, R08W
SAN JUAN CO., NM
API: 3004532813
REFRAC FRUITLAND COAL

SURF CSG: 8-5/8", 24#, J-55 CSG @ 225'. CMT'D W/200 SX CMT. CIRC CMT TO SURF.

PROD CSG: 5-1/2", 15.5#, J-55 @2,269'. PBTD (FC) @2,223'. CMT'D W/320 SX CMT. CIRC 31 BBLS CMT.
CAPACITY = 0.0238 BPF, BURST= 4,810 PSI (80%=3,850 PSI)

PERFS: FRUITLAND COAL 1,915'-20', 1,985'-88', 1,993'-2,001', 2,034'-40' (3 JSPF, 66-0.49" HOLES)

FORMATION: FRUITLAND COAL (WELL #72481, AFE #1106117)

Completion Procedure

1. Set 7 - 400 bbl frac tanks & 1 flowback tank. Fill frac tanks w/KCl water (or clay-stabilizer substitute). **NOTE:** Have frac co. test water for compatibility prior to frac & add biocide. Heat water in the frac tanks so that water temperature @ frac time is ±80° F. Hot oil truck must be clean to avoid contaminating the frac water.

2. MIRU PU. TOH and LD rods and pump. ND WH. NU and test BOP.

3. TOH w/2-3/8" tbg and LD BHA.

4. MIRU AFU. TIH w/4-3/4" bit, bit sub, on 2-3/8" tbg. CO to PBTD @ 2,223'. TOH and LD tbg and BHA

5. MIRU WL truck. RU full lubricator. Perforate Fruitland Coal w/3-1/8" csg gun with 3 JSPF (Titan EXP-3323-322T charges, 22.7 gm, 120° phasing, 0.42" dia., 57 holes). Correlate with Schlumberger Platform Express log dated 10/06/2005. POH with csg gun. RDMO WL.

Interval	Holes
1,909'-1,912'	9
1,916'-1,920'	12
1,985'-1,987'	6
1,998'-2,002'	12
2,034'-2,040'	18

6. ND BOP, NU frac valve.

7. MIRU frac and acid equipment.

8. BD perfs. EIR w/treated water. Max press 3,850 psig. Acidize Fruitland Coal perfs fr/1,909' – 2,040' down 5-1/2" csg @ 10 bpm w/1,250 gals 15% NEFE HCl acid (FE control, surf & CI additives) + 86 - 7/8" Bioballs. Flush acid past bottom perf w/60 bbls treated water.

9. Frac Fruitland Coal down csg at 50 BPM w/85,000 gals XL borate 20# frac fluid carrying 168,000# sand (8,000# 40/70 mesh brown sand and 160,000# 20/40 brown sand) Do not exceed 3,850 psig. Stage into flush when in-line densitometer shows a 4.0 ppg sand concentration and flush to top perf with 1,908 gal 20# linear gel. SD and record ISIP, 5", 10", and 15" SIPs. SWI. RDMO frac equipment.

2ND STAGE PUMP SCHEDULE

Stage No.	Stage Desc.	Rate (BPM)	Fluid	Clean Volume (GAL)	Prop Conc (PPG)	Prop Wt (LBS)	Cum Prop (LBS)	Prop Type
1	Acid	10	15% HCl	1,250	-	-	-	-
2	Displacement	10	Treated Water	2,520	-	-	-	-
3	LG Pre-Pad	0-50	20# linear gel	6,000	0	0	0	-
4	Pad	50	XL borate 20#	10,000	0	0	0	
3	0.25#	50	XL borate 20#	2,000	0.25	500	500	40/70 brown
4	Spacer	50	XL borate 20#	2,000	0	0	500	-
5	0.25#	50	XL borate 20#	2,000	0.25	500	1,000	40/70 brown
6	0.5#	50	XL borate 20#	2,000	0.5	1,000	2,000	40/70 brown
7	Spacer	50	XL borate 20#	2,000	0	0	2,000	-
8	0.5#	50	XL borate 20#	2,000	0.5	1,000	3,000	40/70 brown
9	1.0#	50	XL borate 20#	2,000	1.0	2,000	5,000	40/70 brown
10	1.5#	50	XL borate 20#	2,000	1.5	3,000	8,000	40/70 brown
11	1.0#	50	XL borate 20#	6,000	1.0	6,000	14,000	20/40 brown
12	1.5#	50	XL borate 20#	6,000	1.5	9,000	23,000	20/40 brown
13	2.0#	50	XL borate 20#	8,000	2.0	16,000	39,000	20/40 brown
14	2.5#	50	XL borate 20#	8,000	2.5	20,000	59,000	20/40 brown
15	3.0#	50	XL borate 20#	20,000	3.0	60,000	119,000	20/40 brown
16	4.0#	50	XL borate 20#	6,000	4.0	24,000	143,000	20/40 brown
17	5.0#	50	XL borate 20#	5,000	5.0	25,000	168,000	20/40 brown
18	Flush	50	20# linear gel	1908	0.0	0	168,000	-

10. MIRU PU. MI 2,300' of 2-3/8", 4.7#, J-55, EUE, 8rd tubing

11. ND frac valve, NU BOP.

12. MIRU AFU. TIH with 4-3/4" bit, bit sub, on 2-3/8"tubing. Clean out sand to PBTD @ 2,223'. TOH and LD BHA. RDMO AFU. PWOP & RWTP.