

UNITED STATES
DEPARTMENT OF THE INTERIOR
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.

RECEIVED

SUBMIT IN TRIPLICATE - Other instructions on page 2

MAR 26 2010

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

XTO ENERGY INC.

3a. Address

382 CR 3100 AZTEC, NM 87410

3b. Phone No. (include area code)

505-333-3100

4. Location of Well (Footage, Sec., T, R, M., or Survey Description)

2300' FNL & 1850' FEL SWNE Sec.11 (G) -T25N-R11W N.M.P.M.

5. Lease Serial No.

NMM-8405

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Canyon #11

9. API Well No.

30-045-21393

10. Field and Pool, or Exploratory Area

Basin DAKOTA

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

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☒ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other RC BASIN

MANCOS & PWOP

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. proposes to recomplete to the Basin Mancos formation and put this well on pump per the attached procedure. Please also see the attached MC C102 plat.

RCVD MAR 31 '10

OIL CONS. DIV.

DIST. 3

- 14 I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

DOLENA JOHNSON

Title REGULATORY COMPLIANCE TECHNICIAN

Signature

Date 03/24/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

MAR 29 2010

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

NMOC 4-7-10

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.

Canyon #11
Sec 11, T 25 N, R 11 W
San Juan County, New Mexico

Recomplete Mancos and PWOP

SURF CSG: 8-5/8", 24#, K-55, STC CSG @ 635'. CIRC CMT TO SURF.

PROD CSG: 5-1/2", 15.5#, K-55, ST&C CSG @ 6,099'. DV TL @ 4,085'. PBSD @ 6,062'.
CAPACITY = 0.0238 BBLs/FT (0.1336 CUFT/FT).
BURST = 4,810 PSI (TREATING @ 80% = 3,848 PSI)

CEMENT: 1ST STAGE W/ 150 SX. TAILED W/ 100 SX. TOC UNKNOWN. 2ND STAGE W/ 500 SX. TAILED W/ 50 SX CLASS "A". TOC @ 2,050'.

TBG: 190 JTS 2-3/8" SET @ 5,935'

PERFS: DAKOTA:
FR/6,062'-5,994' CIBP @ 5,988
FR/5,963'-5,928'

Workover Procedure

- 1) Install and test rig anchors. Comply with all New Mexico OCD, BLM and XTO safety rules and regulations. Conduct safety meeting for all personnel on location. MIRU daylight pulling unit.
- 2) MI 3 - 400 bbl frac tanks and 1 flow back tank. Fill the frac tanks with 2% KCL water. Note: Have frac company run preliminary fluid quality tests and add biocide.
- 3) ND WH. NU BOP and test the BOP. TOH with BHA.
- 4) Round trip a 4-3/4" bit and 5-1/2" casing scraper to 5,800', not a wireline gauge ring.
- 5) TIH with CBP and set at 5,800' and load casing with 2% KCl water.
- 6) MIRU WL. Run CBL from 5,500'-4,500' while maintaining 750 psi on the casing.
- 7) **Wait on results before proceeding.**
- 8) Perf Mancos with 3-1/8" csg gun with 2 JSPF (Titan EXP-3323-361T, 22.7 gm, 0.36" dia., 35.63" pene, 18 holes) or equivalent performance charges. POH with csg gun.

Mancos Perfs		
5,060'	5,001'	4,934'
5,007'	4,998'	4,903'
5,004'	4,995'	4,901'

- 9) MIRU frac equipment. BD perfs with 2% KCl water and EIR. Acidize Mancos perfs with 1,500 gals of 15% NEFE HCl acid (FE control, surf & CL additives) and 27 - 1.1 SG RCN BS @ 12 BPM down

casing. Flush with 5,180 gals 2% KCl water (3 bbls over flush). Record ISIP, 5", and 10" SIPs. RIH w/gauge ring and junk basket past perfs. RDMO WL.

- 10) Frac Mancos perfs fr/5,060'-4,901' down casing at 25 BPM. Pump 70Q N2 foam gelled fluid (Delta-140 Foam Frac) w/76,500# 20/40 BASF proppant followed by 13,500# 20/40 BASF proppant coated with Expedite Lite. Flush with 4,800 gals (2 bbls short of top perf). Est. TP 3,100 psig. Pump frac @ 25 BPM. Max TP @ 3,830 psig. Frac schedule:

Mancos Frac Schedule						
Stage	BPM	Fluid	Foam Vol.	Clean Vol. (gal)	Prop	Cum. Prop
Water	5	2% KCl Water	-	500	-	-
Acid	5	7.5% HCL Acid	-	1,500	-	-
Flush	12	2% KCl Water	-	5,180	-	-
Pad	25	Delta-R Foam Frac (13)	10,950	3,285	-	-
0.5 ppg	25	Delta-R Foam Frac (13)	18,000	5,401	9,000# 20/40	9,000# 20/40
1 ppg	25	Delta-R Foam Frac (13)	9,000	2,700	9,000# 20/40	18,000# 20/40
2 ppg	25	Delta-R Foam Frac (13)	11,250	3,375	22,500# 20/40	40,500# 20/40
3 ppg	25	Delta-R Foam Frac (13)	12,000	3,600	36,000# 20/40	76,500# 20/40
3 ppg	25	Delta-R Foam Frac (13)	4,500	1,350	13,500# 20/40 w/ Expedite Lite	90,000# 20/40
Flush	25	2% KCl Water	-	4,800	-	-
Total		65,700 gals Delta-R		31,692		90,000# 20/40

Record ISIP & 5" SIP.

- 11) Install flowback manifold. Flow back well through a choke manifold to flowback tank. Start with an 8/64" choke. Increase choke size as appropriate. Record the final shut in pressure to be used for the C-104.
- 12) ND frac valve.
- 13) TIH w/4-3/4" bit, bit sub, and 2-3/8" tubing. CO to CBP (5,800'). DO CBP @ 5,800'. CO to 5,988' (CIBP). Circulate wellbore clean. TOH w/tbg & bit.
- 14) TIH with tubing & BHA as follows:
- 1- 20'- 2-3/8" jt w/ 1/2" vent hole located 1' from top
 - 2-3/8" (1.78" ID) API SN
 - 3 - jts 2-3/8" tbg
 - 1 - 5-1/2" TAC
 - ±183 jts - 2-3/8" tubing to surface, EOT @ 5,970', SN @ 5,950', TAC @ 5,850'.
- 15) ND BOP. NU WH.

16) TIH with rod assembly as follows:

- 2" X 1-1/4" X 16' X 2' RWAC pump
- 3/4" X 4' Guided rod sub w/ mold-on guides
- 3/4" – 21,000lb HF shear tool
- 6 - 1-1/4" API K sinker bars with stabilizer rods
- 20 - 3/4" API D Molded Guide Rods w/ T-couplings
- 212- 3/4" API D Rods w/ T-couplings
- 1-1/4" X 22' Polished Rod w/ 10' liner

17) Space out pump with spacer subs. Load tubing and long stroke with rig to ensure pump action. HWO.

18) RDMO PU.

19) Set a used Lufkin C-160-200-74 pumping unit with an Arrow C-96 engine (or equivalent) & cement base.

20) Set unit in crank hole & sheave meter so it will pump @ 4 x 74" spm.

21) Set 4-3CRO counter weights 15.4" from the end.

22) Gauge tanks. Shoot FL and run dynamometer during pumping unit startup. Start well pumping at 4 SPM and 74" SL for 24 hours. Check fluid level and tank gauges.

23) Report pre and post start up data to Derick Lucas

Regulatory:

1. Acquire approval to recomplete to the Mancos
2. DHCM Dakota & Mancos
3. Acquire approval of C-144

Equipment:

- 4-3/4" bit & bit sub
- 1 – 5-1/2" Composite bridge plug
- 5K frac valve

Rods:

- 2" X 1-1/4" X 16' X 2' RWAC pump
- 3/4" X 4' Guided rod sub w/ mold-on guides
- 3/4" – 21,000lb HF shear tool
- 6 - 1-1/4" API K sinker bars with stabilizer rods
- 20 - 3/4" API D Molded Guide Rods w/ T-couplings

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- 1-1/4" X 22' Polished Rod w/ 10' liner

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 12, 2005

Submit to Appropriate District Office

Fee Lease - 3 Copies

State Lease - 4 Copies

District I

1625 N. French Dr., Hobbs, NM 88240

District II

811 South First, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-21393		² Pool Code 97232	³ Pool Name BASIN MANCOS
⁴ Property Code 022669	⁵ Property Name CANYON		⁶ Well Number 11
⁷ OGRID No. 5380	⁸ Operator Name XTO Energy, Inc.		⁹ Elevation 6341'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	11	25-N	11-W		2300'	NORTH	1850'	EAST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
SAME									

¹² Dedicated Acres MC: 320 acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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 <i>Dolena Johnson</i>
	Printed Name DOLENA JOHNSON
	Title REGULATORY COMP TECH
	Date 03/24/2010
	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