

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.

SUBMIT IN TRIPLICATE - Other instructions on page 2

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)
737' ENL & 1686' FWL NENW Sec. 8 (C) - T30N-R12W N.M.P.M.

5. Lease Serial No

MM-0498

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

FEDERAL 8 #3

9. API Well No.

30-045-30528

10. Field and Pool, or Exploratory Area
FLORA VISTA FRUITLAND SAND

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

- | | | | |
|---|---|--|--|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input checked="" type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other BASIN FC & |
| <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | AZTEC PC |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> 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 recompleate 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 recompleation 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 recompleate this well to the Basin Fruitland Coal and Aztec Pictured Cliffs zones of this well per the attached procedure and C102 Plats.

RCVD DEC 1 '09
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

Dolena Johnson

Date 11/24/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

NOV 30 2009

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

MMOCD

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.

Federal 8 #3
Unit C, Sec 8, T30N, R12W
San Juan County, New Mexico

Fruitland Coal & Pictured Cliffs Completion

AFE#/Well#: FC: 902232 / 72381 PC: 904849 / 68895
Formation: Basin Fruitland Coal / Aztec Pictured Cliffs
Prod. Csg: 4-1/2", 10.5#, csg @ 2,158'
PBTD: 2,121'
Tubing: NC, Tail jt, 4' perf sub, SN, & 65 jts 2-3/8" tbg. EOT @ 2,028'.
Perfs: FS: 1,624' – 1,988'
Status: Not Producing

Fruitland Coal & Pictured Cliffs Completion Procedure

1. Set 2 – 400 bbl frac tanks & 1 flowback tank. Fill frac tanks w/fresh wtr.
Note: Have Halliburton run preliminary fluid quality tests and add biocide.
2. MI 67 jts 2-7/8", 6.5#, J-55, EUE workstring w/TDC & 4-1/2" pkr.
3. MIRU PU. TOH & LD tbg.
4. TIH w/3-7/8" bit & workstring. DO 25' of shoe joint to 2,146' (New PBTD).
5. TOH w/bit & tbg.
6. MIRU WL and mast trucks.
7. Perf Pictured Cliffs w/3-1/8" csg gun w/3 JSPF with Owen HSC-3125-369 charges (15 gm, 0.48" EHD, 11.20" pene) or equiv performance charges @ 3 JSPF 120° phasing. Total 54 holes. POH w/csg gun. Depths based on GR/CCL/CBL log dated May 18, 2001.

Pictured Cliff Perfs	
2,060-78'	54

8. TIH w/4-1/2" pkr, 64 jts 2-7/8" workstring. Set pkr @ $\pm 2,030'$.
9. MIRU Halliburton frac, acid equip & N₂ transports.
10. BD perfs w/freshwater and EIR. Acidize w/1,500 gals 15% NEFE HCl acid and 81 – 7/8" 1.1 SG bio BS at 10 BPM down workstring. Max TP 5,800 psig. Flush w/724 gals fresh water (over flush 5 bbls past btm perf). Record ISIP, 5", 10" and 15" SIPs.
11. RIH w/pkr and knock off balls. Reset pkr

12. Pressure TCA to 200 psig. Monitor backside.
13. Frac Pictured Cliff perfs fr/2,060' - 78' down workstring at 30 BPM with 39,000 gals 70Q N₂ foamed, 12# XL gelled, freshwater (Delta 140) carrying 76,000# sand (64,000# 16/30 BASF & 12,000# 16/30 resin coated). Max TP 5,800 psig. Flush 504 gals w/70Q foam (1/2 bbl short). Record ISIP & 5" SIP.

Pictured Cliff Schedule					
Stage	BPM	Fluid	Foam (Gal)	Prop	Cum. Prop
Pad	30	12# 70Q XL foam	8,000		
1 ppg	30	12# 70Q XL foam	8,000	8,000# 16/30 BASF	8,000#
2 ppg	30	12# 70Q XL foam	8,000	16,000# 16/30 BASF	24,000#
3 ppg	30	12# 70Q XL foam	8,000	24,000# 16/30 BASF	48,000#
4 ppg	30	12# 70Q XL foam	4,000	16,000# 16/30 BASF	64,000#
4 ppg	30	12# 70Q XL foam	3,000	12,000# 16/30 RC	76,000#
Flush	30	70Q foam	504		
TOTAL	39,000 Gal Foam		64,000# 16/30 BASF	12,000# 16/30 RC	

14. SWI for 4 hrs. RDMO Halliburton.
15. TOH w/tbg & pkr.
16. 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 cleans up. SWI. RD flowline.
NOTE: Get 3 hr IP test during flowback & rpt.
17. MIRU AFU.
18. PU & TIH w/3-7/8" bit & 2-7/8" workstring. Tag for fill.
19. Est. circ. CO fill to PBTD @ 2,146'. TOH. LD bit.
20. RDMO AFU.
21. TIH w/ 2-3/8" x 20' OEMA w/1/4" weep hole & pin, SN and ± 69 jts 2-3/8" tbg. SN @ ± 2,100', & EOT ± 2,120'. ND WH. NU BOP.
22. TIH w/2" x 1-1/2" x 10' RWAC-Z pmp with strainer, 1-1/4" sinker bar, shear tool, 1-1/4" sinker bar, ±83 - 3/4" Norris grade D rods & 1-1/4" x 16' PR w/1-1/2" x 8' liner.
Note: Confirm pmp & PR liner lengths will work with 54" stroke ppg ut.
23. Install Enviro Pax stuffing box.
24. Clamp off rods.
25. Load tubing, PT to 500 psig & check PA. RDMO PU.

26. MI and set cmt base & Lufkin C-50-89-54T ppg unit W/Kohler 18 hp gas engine. Set ppg ut in crank hole & sheave mtr (jackshaft if required) so it will pmp @ $\pm 4 \times 54$ " SPM. Chk w/Lufkin if ppg ut will require gear wiper for lub @ slow SPM. Rodstar run attached. Calc counter balance effect 4,011# & max CB moment 98 M in-lb.
27. RWTP.
28. Shoot FL/Dyno after two weeks to follow up.

Test Pictured Cliffs for 30-90 days. If decided, Fruitland Coal procedure is below.

29. Set 4 – 400 bbl frac tanks & 1 flowback tank. Fill frac tanks w/freshwater.
Note: Have Halliburton run preliminary fluid quality tests and add biocide.
30. M IRU PU & TOH w/rods & pmp.
31. T OH w/tbg.
32. RIH and set a 4-1/2" 10K psig CBP at 2,055' (Do not set in csg collars). Blow down well. Load casing w/freshwater. PT CBP to 500 psig. Release pressure.
33. Perf Fruitland Coal w/3-1/8" csg gun w/3 JSPF with Owen HSC-3125-369 charges (15 gm, 0.48" EHD, 11.20" pene) or equiv performance charges @ 3 JSPF 120° phasing. Total 36 holes. POH w/csg gun. Depths based on GR/CCL/CBL log dated May 18, 2001.

Fruitland Coal Perfs	
2,032 - 44'	36

34. TIH w/4-1/2" pkr, 63 jts 2-7/8", 6.5#, J-55, EUE workstring. Set pkr @ $\pm 2,010'$.
35. BD perfs w/freshwater and EIR. Acidize w/1,500 gals 15% NEFE HCl acid and 54 – 7/8" 1.1 SG bio BS at 10 BPM down workstring. Max TP 5,800 psig. Flush w/630 gals freshwater (over flush 3 bbls past btm perf). Record ISIP, 5", 10" and 15" SIPs.
36. RIH w/pkr and knock off balls. Reset pkr.
37. Pressure TCA to 200 psig. Monitor backside.

38. Frac Fruitland Coal perms fr/2,032' - 44' down workstring at 25 BPM with 44,000 gals 20# XL gelled, freshwater (Delta 140) carrying 87,000# 20/40 BASF sand coated w/sandwedge max. Max TP 5,800 psig. Flush 496 gals w/Slickwater. Record ISIP, 5", 10", 15" SIP.

Fruitland Coal Schedule					
Stage	BPM	Fluid	Vol (Gal)	Prop	Cum. Prop
Pad	25	20# Delta 140 XL	9,000		
1 ppg	25	20# Delta 140 XL	9,000	10,000# 20/40 BASF	10,000#
2 ppg	25	20# Delta 140 XL	9,000	18,000# 20/40 BASF	28,000#
3 ppg	25	20# Delta 140 XL	9,000	27,000# 20/40 BASF	55,000#
4 ppg	25	20# Delta 140 XL	8,000	32,000# 20/40 BASF	87,000#
Flush	25	Slickwater	496		
TOTAL	44,000 Gal	87,000# 20/40 BASF			

39. SWI 3 hrs. RDMO Halliburton.
40. TOH w/pkr & tbg.
41. 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 cleans up. SWI. RD flowline.
NOTE: Record SI pressures for IP test & rpt.
42. MIRU AFU.
43. PU & TIH w/3-7/8" bit & 2-7/8" tbg. Tag for fill.
44. Est. circ. CO fill to CBP @ 2,055'. DO CBP.
45. TIH. Tag fill. CO fill to PBTB.
46. T OH. LD bit. RDMO AFU.
47. TIH w/ 2-3/8" x 20' OEMA w/1/4" weep hole & pin, SN and \pm 69 jts 2-3/8" tbg. SN @ \pm 2,100', & EOT \pm 2,120'. ND WH. NU BOP.
48. TIH w/2" x 1-1/2" x 10' RWAC-Z pmp with strainer, 1-1/4" sinker bar, shear tool, 1-1/4" sinker bar, \pm 83 - 3/4" Norris grade D rods & 1-1/4" x 16' PR w/1-1/2" x 8' liner.
49. Load tubing, PT to 500 psig and check pump action. RDMO PU.
50. RWTP.
51. Shoot FL/Dyno after two weeks to follow up.

Regulatory Requirements:

NOI
PC & FC completion reports
PC & FC request for allowables
DHC for PC/FS & PC/FC/FS if FC is completed.

Services:

Halliburton fracturing and N₂ services
WL
AFU

Equipment List:

4 – 400 bbl frac tanks
1 flow back tank
67 jts 2-7/8", 6.5#, J-55, EUE workstring w/TDC & 4-1/2" pkr.
±3 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbg
3-7/8" bit
C-50-89-54T
Kohler 18 hp

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-30528	² Pool Code 71629	³ Pool Name BASIN FRUITLAND COAL
⁴ Property Code 303828	⁵ Property Name FEDERAL 8	⁶ Well Number #3
⁷ OGRID No. 5380	⁸ Operator Name XTO Energy, Inc.	⁹ Elevation 5870'

¹⁰ Surface Location

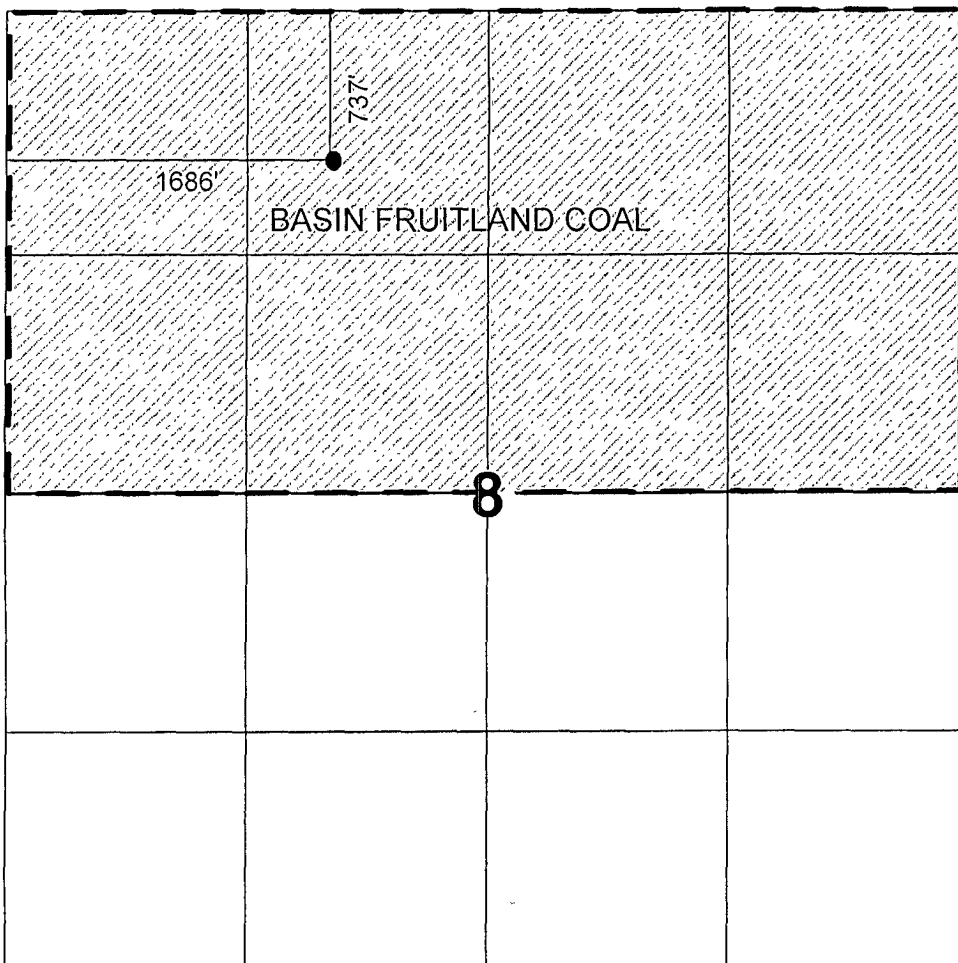
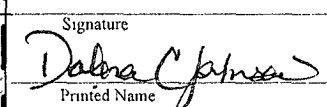
UL or lot no. C	Section 8	Township 30-N	Range 12-W	Lot Idn	Feet from the 737	North/South line NORTH	Feet from the 1686	East/West line WEST	County SAN JUAN
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. SAME	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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¹² Dedicated Acres FC: 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>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</i>
	Signature 
	Printed Name DOLENA JOHNSON
	Title REGULATORY COMP TECH
	Date 11/24/2009
	¹⁸ SURVEYOR CERTIFICATION <i>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</i>
	Date of Survey 6/23/1984
	Original Survey Signed By: John A. Vukonich
	Certificate Number 14831

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

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



AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-30528		² Pool Code 71280		³ Pool Name AZTEC PICTURED CLIFFS	
⁴ Property Code 303828		⁵ Property Name FEDERAL 8			⁶ Well Number #3
⁷ OGRID No. 5380		⁸ Operator Name XTO Energy, Inc.			⁹ Elevation 5870'

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
C	8	30-N	12-W		737	NORTH	1686	WEST	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 PC: 160 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>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</i>	
	Signature <i>Dolena Johnson</i>	
	Printed Name DOLENA JOHNSON	
	Title REGULATORY COMP TECH	
	Date 11/24/2009	
	¹⁸ SURVEYOR CERTIFICATION <i>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.</i>	
	Date of Survey 6/23/1984	
	Original Survey Signed By: <i>John A. Vukonich</i>	
	Certificate Number 14831	