

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.5. Lease Serial No.
NMNM0149968

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side.7. If Unit or CA/Agreement, Name and/or No.
NMNM73836 (DK), NMNM 11845 (R)8. Well Name and No.
FED GAS COM F 1E9. API Well No.
30-045-25245-00-S110. Field and Pool, or Exploratory
UNNAMED Basin FC11. County or Parish, and State
SAN JUAN COUNTY, NM

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

XTO ENERGY INC

Contact:

3a. Address

382 ROAD 3100
AZTEC, NM 874103b. Phone No. (include area code)
Ph: 505.999.9999

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

Sec 7 T27N R12W SWSE 0790FSL 1850FEL
36.58461 N Lat, 108.14964 W Lon

RECEIVED

APR 16 2010
REGULATORY COMPLIANCE

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"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<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 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. proposes to plug back the Basin Dakota formation and recompleat to the Basin Fruitland Coal formation of this well per the attached procedure. Please also see the attached FC C102 Plat.

See changes made to procedure @ #7 + #9.

RCVD APR 19 '10
OIL CONS. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #83841 verified by the BLM Well Information System

For XTO ENERGY INC, sent to the Farmington

Committed to AFMSS for processing by JIM LOVATO on 03/31/2010 (10JXL0068SE)

Name (Printed/Typed)

Dobna C. Johnson

Title

Signature

(Electronic Submission)

Date 03/30/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By JIM LOVATO

Title PETROLEUM ENGINEER

Date 04/13/2010

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 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 **

NMOCB 4/30

Notice Approval - Dates

Document No 10JXL0068SE
Document Type RCMPL
EC Tran # 83841
Well / Facility Name(s) FED GAS COM F
Number(s) 1E
API Number(s) 300452524500S1

NOS Recv
APD/SN/WC Recv 03/31/2010
APD Cmplt
Posted

Adj Cmplt
Engr Cmplt
Geol Cmplt
Surf Cmplt

Expiration
Disp Date 04/13/2010
Disposition Approved
Exten Appv
Exten Expires

For New Sundries, enter Description of Proposed or Completed Operations. These will be saved as Approval Remarks.

NOI to PB and recomplete in the FC. Will require operator to set CR/CIBP between 50-100' above the upper most perforation (5860') or at 5810' and spot cement as proposed.

Active? Yes

E-Approval

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 30-045-25245	² Pool Code 71629	³ Pool Name BASIN FRUITLAND COAL
⁴ Property Code 022707	⁵ Property Name FEDERAL GAS COM F	⁶ Well Number 1E
⁷ OGRID No. 5380	⁸ Operator Name XTO Energy, Inc.	⁹ Elevation 5873'

¹⁰ Surface Location

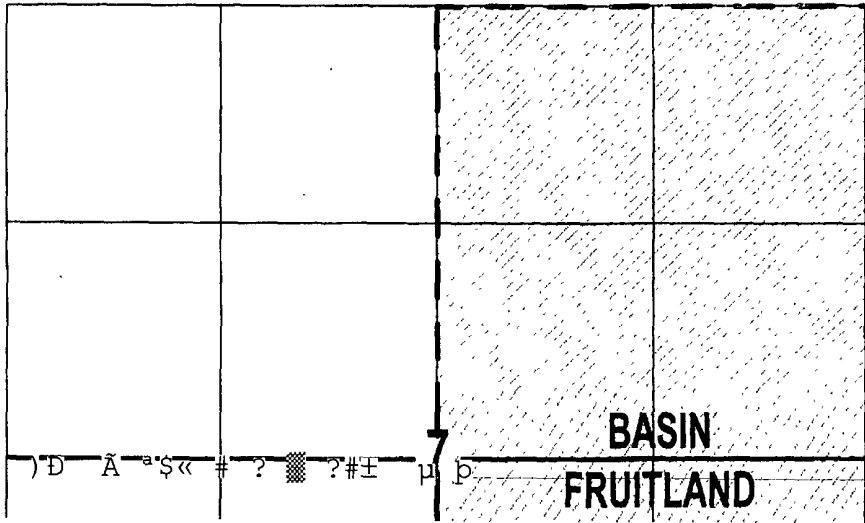

UL or lot no. 0	Section 7	Township 27-N	Range 12-W	Lot Idn	Feet from the 790'	North/South line NORTH	Feet from the 1850'	East/West line EAST	County SAN JUAN
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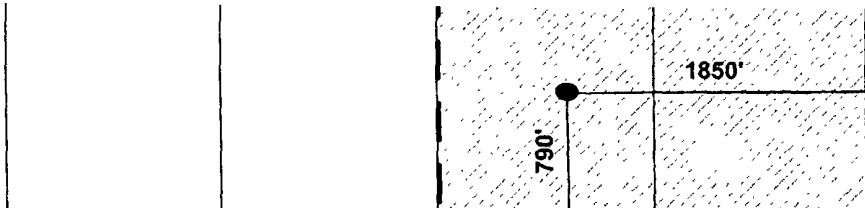
¹¹ Bottom Hole Location If Different From Surface

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 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 
	Printed Name DOLENA JOHNSON
	Title REGULATORY COMP TECH
	Date 03/30/2010

	6/23/1984 Date of Survey
	Original Survey Signed By: John A. Vukonich
	14831 Certificate Number

WFL____
TJF____

Federal Gas Com F #1E
Unit O, Sec 7, T 27 N, R 12 W
San Juan County, New Mexico

P&A Dakota & Recomplete Fruitland Coal

SURF CSG: 8-5/8", 24#, J-55, CSG @ 314'. CIRC CMT TO SURF.

PROD CSG: 4-1/2", 10.5#, J-55, CSG @ 6,049'. 1ST DV TL @ 4,171, 2ND DV TL @ 1,567'. PBTD @ 5,985'.

CAPACITY = 0.0159 BBLS/FT (0.0895 CUFT/FT).

BURST = 4,790 PSI (TREATING @ 80% = 3,832 PSI)

CEMENT: 1ST STAGE W/ 320 SX CL "B" 50:50 POZ W/6% GEL & 2#MED TUF PLUG. 2ND STAGE W/ 445 SX CL "B" 50:50 POZ W 6% GEL & 2# MED TUF PLUG. TAILED IN W/100 SX CL "B" NEAT. 3RD STAGE W/470 SX CL "B" 65:35 POZ W/6% GEL & 2# MED TUF PLUG. TAILED IN W/100 SX CL "B" NEAT. RD 570 SX. CIRC TO SURF.

TBG: 30' OEMA, SN, 7 JTS 2-3/8" TBG, 5-1/2" BAKER TAC, & 184 JTS 2-3/8" TBG. TAC@ 6,061', SN @ 6,294', EOT @ 6,325'.

PERFS: DAKOTA: 5,860'-80', 5,890'-98', 5,905'-10', 5,914'-52' & 5,962'-66'

Workover Procedure

Note: All cement volumes use 100% excess outside pipe or 50' excess inside pipe, whichever is greater. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class G or equivalent, mixed at 15.6 ppg with a 1.18 cf/sx yield.

- 1) **CONTACT BLM/New Mexico OCD PRIOR TO CEMENTING OPERATIONS.**
- 2) 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.
- 3) TOH and LD rods and pump
- 4) ND WH. NU BOP and test the BOP.
- 5) TOH with BHA. LD TAC.
- 6) Round trip a 3-7/8" bit and 4-1/2" casing scraper to 5,855', not a wireline gauge ring.
- 7) TIH with 4-1/2" CR, and 2-3/8" tbg. Set CR @ ~~5,850'~~ (Collars @ 5,832' & 5,857').
- 8) RU cmt equipment.

*Set CR between 50-100' above
the upper most Dakota part (5860')*

5810' - 5660'

- 9) **Plug #1 (5,850'-5,700')**: Mix 16 sx cement and spot a 150' balanced plug inside casing to cover the Dakota interval. (Dakota top: 5,856') TOH.
- OK 10) **Plug #2 (4,870'-4,720')**: TIH to 4,870' and set a cement retainer at 4,870'. Mix 16 sx cement and spot a 150' balanced plug inside the casing to cover the Gallup interval. (Gallup top: 4,867') TOH.
- OK 11) **Plug #3 (2,140'-1,990')**: TIH to 2,140' and set a cement retainer at 2,140'. Mix 16 sx cement and spot a 150' balanced plug inside the casing to cover the Mesa Verde interval. (Mesa Verde top: 2,132)
- 12) Pressure test casing to 3,830 psig. Release pressure.
- 13) TOH with 1 stand of tbg. Roll hole with 9.0 ppg corrosion inhibited water. TOH.
- 14) MIRU WL. RU full lubricator. Run cased hole logs (Blue Jet GSL).
- 15) **Before** proceeding, check with Derick Lucas about the log results.
- 16) ND BOP. NU frac valve.
- 17) RDMO PU.
- 18) MI 2 - 400 bbl frac tanks and 1 flow back tank. Fill the frac tanks with produced Fruitland coal water. Note: Have frac company run preliminary fluid quality tests and add biocide.
- 19) Perf Lower Fruitland Coal @ 3 JSPF (Titan EXP-3323-361T, 22.7 gm, 120 deg phasing, 0.36" dia., 35.63" penetration, total 61 holes) or equivalent performance charges. POH with csg gun.

PERF INTERVAL	CCL
1,220'-1,240'	

- 20) MIRU frac equipment. BD perfs with fresh water and EIR. Acidize Fruitland Coal perfs with 750 gals of 15% NEFE HCl acid (FE control, surf & CL additives) and 92 - 1.1 SG RCN BS @ 12 BPM down 4-1/2" csg. Flush with 965 gals fresh water (3 bbls over flush). Record ISIP, 5", and 10" SIPs. RIH w/gage ring and junk basket past the perfs.
- 21) Frac Fruitland Coal perfs fr/1,220'-1,250' down 4-1/2" casing at 30 BPM. Pump 51,600 gals 70Q N2 foamed, 9 cp Delta XL (12# Borate gel), frac fluid carrying 80,000# 20/40 sand coated with sandwedge. Flush with 795 gals (.5 bbls short of top perf). Est TP 1,600 psig. Pump frac @ 30 BPM. Max TP @ 3,832 psig. Frac schedule:

Lower Fruitland Coal Schedule						
Stage	BPM	Fluid	Foam Vol.	Clean Vol. (gal)	Prop	Cum. Prop
Water	5	Water	-	500	-	-
Acid	5	15% HCL Acid	-	750	-	-
Flush	12	Water	-	965	-	-
Pad	30	70Q XL foam	10,000	3,000	-	-
0.5 ppg	30	70Q XL foam	8,000	2,400	4,000# 20/40	4,000# 20/40
1 ppg	30	70Q XL foam	9,600	2,880	9,600# 20/40	13,600# 20/40
2 ppg	30	70Q XL foam	11,200	3,360	22,400# 20/40	36,000# 20/40
3 ppg	30	70Q XL foam	7,200	2,160	21,600# 20/40	57,600# 20/40
4 ppg	30	70Q XL foam	5,600	1,680	22,400# 20/40	80,000# 20/40
Flush	30	70Q N2 linear gel	795	238	-	-
Total		51,600 gals 9 cp Delta 140		16,000	80,000# 20/40	

Record ISIP & 5" SIP.

- 22) RU full lubricator. RIH w/4-1/2" CBP and set @ 1,610'. Perf the Upper Fruitland Coal @ 3 JSPF (Titan EXP-3323-361T, 22.7 gm, 120 deg phasing, 0.36" dia., 35.63" penetration, total 16 holes) or equivalent performance charges. POH with csg gun.

PERF INTERVAL	CCL
1,177'-1,172'	

- 23) BD FC perfs with fresh water and EIR. Acidize Fruitland Coal perfs with 500 gals of 15% NEFE HCl acid and 25 - 1.1 SG RCN BS @ 12 BPM down 4-1/2" csg. Flush with 915 gals fresh water (3 bbls over flush). Record ISIP, 5", and 10" SIPs. RIH w/gage ring and junk basket past the perfs.
- 24) Frac Upper Fruitland Coal perfs fr/1,177'-1,172' down 4-1/2" casing at 30 BPM. Pump 20,000 gals 70Q N2 foamed, 9 cp Delta XL (12# Borate gel), frac fluid carrying 45,000# 20/40 sand coated with sandwedge. Flush 2 bbl short of top perf with 700 gals linear gel. Est TP is 1700 psig. Pmp frac @ 30 BPM. Max TP is 3,832 psig Record ISIP & 5" SIP.

Upper Fruitland Coal Schedule						
Stage	BPM	Fluid	Foam Vol.	Clean Vol. (gal)	Prop	Cum. Prop
Water	5	Water	-	500	-	-
Acid	5	15% HCL Acid	-	500	-	-
Flush	12	Water	-	915	-	-
Pad	30	70Q XL foam	4,000	1,200	-	-
0.5 ppg	30	70Q XL foam	4,500	1,350	2,250# 20/40	2,250# 20/40
1 ppg	30	70Q XL foam	5,400	1,620	5,400# 20/40	7,650# 20/40
2 ppg	30	70Q XL foam	6,300	1,900	12,600# 20/40	20,250# 20/40
3 ppg	30	70Q XL foam	4,000	1,200	12,150# 20/40	32,400# 20/40
4 ppg	30	70Q XL foam	3,150	950	12,600# 20/40	45,000# 20/40
Flush	30	70Q N2 linear gel	700	210	-	-
Total		27,500 gals 9 cp Delta 140		8,200	45,000# 20/40	

Record ISIP & 5" SIP.

25) Install flowback manifold. Flowback well thru a choke manifold to flowback tank. Start with an 8/64" choke. Increase choke size as appropriate.

26) MIRU PU. ND frac valve. NU BOP.

27) TIH w/3-7/8" bit, bit sub, and 2-3/8" tubing. CO to CBP (1,610'). DO CBP @ 1,610'. CO to 2,225' (New PBTD). Circulate wellbore clean. TOH w/tbg & bit.

28) Set unit in crank hole & sheave meter so it will pump @ 4 x 53" spm. SRod run attached.

29) TIH with tubing BHA as follows:

- a) 1 - 2-3/8" jt w/ 1/2" vent hole located 1' from top
- b) 2-3/8" (1.78" ID) API SN
- c) ±42 jts - 2-3/8" tubing to surface, EOT @ 1,290', SN @ 1,260'.

30) Swab well until clean fluid is obtained.

31) ND BOP. NU WH.

32) TIH with rod assembly as follows:

- 2" X 1-1/4" X 10' RWAC-Z pump
- 1" X 1' lift sub
- spiral rod guide
- RHBO tool
- 3 - 1-1/4" sinker bars with stabilizer rods
- 5 - 3/4" API D Molded Guide Rods w/ T-couplings
- 42 - 3/4" API D Rods w/ T-couplings
- 1-10' PR w/ T-couplings
- 1-1/4" X 16' Polished Rod w/ 8' liner

33) Load tubing and long stroke with rig to ensure pump action. HWO.

34) RDMO PU.

35) Gauge tanks. Shoot FL and run dynamometer during pumping unit startup. Start well pumping at 4 SPM and 53" SL for 24 hours. Check fluid level and tank gauges.

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

Regulatory:

1. Acquire approval from BLM/New Mexico OCD to P&A Dakota
2. Acquire approval to recomplete to the Fruitland Coal
3. Acquire approval of C-144

Equipment:

- 3-7/8" bit & bit sub
- 1 – 4-1/2" Cement Retainer
- 2 – 4-1/2" Composite Bridge plug

Rods:

- 2" X 1-1/4" X 10' RWAC-Z pump
- 1" X 1' lift sub
- spiral rod guide
- RHBO tool
- 3 - 1-1/4" sinker bars with stabilizer rods
- 5 - 3/4" API D Molded Guide Rods w/ T-couplings
- 42 - 3/4" API D Rods w/ T-couplings
- 1-10' PR w/ T-couplings
- 1-1/4" X 16' Polished Rod w/ 8' liner