

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.

OCT 20 2008

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)  
**1605' FNL & 920' FWL SWNW Sec. 22 (E) - T28N-R10W N.M.P.M.**

5. Lease Serial No  
**NMSF-077383A**

6. If Indian, Allottee or Tribe Name  
**INDIAN**

7. If Unit or CA/Agreement, Name and/or No.  
**NMM-73587**

8. Well Name and No  
**DAVIDSON GAS COM H #1F**

9. API Well No  
**30-045-33644**

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	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 checked="" type="checkbox"/> Other <b>RC BASIN MC</b>
	<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 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 Mancos formation per the attached procedure & C102.

RCVD OCT 30 '08  
OIL CONS. DIV.

DIST. 3

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

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

**DOLENA JOHNSON**

Title **REGULATORY CLERK**

Signature

*Dolena Johnson*

Date **10/17/2008**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

*Wayne Johnson*

Title

*Pct. Eng.*

Date

*10/29/08*

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

*FFO*

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.

NMCCD

6/15

**DAVIDSON GAS COM H #1F**  
**MC RECOMPLETION**  
**UNIT E, SEC 22, T28N, R10W**  
**SAN JUAN CO., NM**

Approved \_\_\_\_\_

**AFE # / Acct Code:** 802697 / 74766 (MC)  
**Prod. Csg:** 5-1/2", 15.5#, J-55 csg @ 6,940'.  
Capacity: 0.0238 bbls/ft or 0.997 gals/ft  
**PBTD:** 6,894'  
**Tbg:** 198 Jts 2-3/8" Tbg, NC & SN. EOT @ 6,530'. SN @ 6,529'  
**Perfs:** DK: 6,612'-6,446'

1. Check rig anchors. Recover plunger lift equipment.
2. MIRU PU. ND WH. NU BOP
3. TOH & visually inspect tbg.
4. PU & TIH w/string mill. Tag fill.
5. TOH & LD string mill & tbg. Haul extra tbg to yard.
6. ND BOP. NU 5000 psig WP frac valve. RDMO PU.
7. MI & Set 2 - 400 bbl frac tnks & 1 flowback tnk. Fill frac tnks w/2% KCl wtr.  
**NOTE:** Have frac co. test wtr for compatibility prior to frac & add biocide. Heat wtr in the frac tnks so that wtr temperature @ frac time is  $\pm 80^{\circ}$  F. Hot oil trk must be clean to avoid contaminating the frac wtr.
8. MIRU WLU & mast trk. PU & RIH w/5-1/2" CBP. Set CBP @ +/- 6,030' (Collars at 6,013' & 6,052').
9. MIRU H&M pmp trk. Press tst csg and CBP to 3,850 psig for 5" w/2% KCl wtr. Rls press.
10. RIH w/csg gun & perf MC w/3-1/8" csg gun loaded Owen HSC-3125-302 charges or equivalent performance charges (10 gm, 0.34" EHD, 21.42" pene, ttl 22 holes)

Perf	CCL	Perf	CCL	Perf	CCL	Perf	CCL	Perf	CCL
5,906'		5,826'		5,754'		5,682'		5,574'	
5,880'		5,822'		5,752'		5,681'		5,572'	
5,871'		5,818'		5,724'		5,666'			
5,869'		5,811.5'		5,720'		5,602'			
5,854'		5,804'		5,718'		5,578'			

11. RDMO WLU. MI Praxair CO2 transports.

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12. MIRU frac & acid equipment.
13. MIRU Stinger trk. Install 10,000 psig Stinger WH isolation tool.
14. BD perms. EIR w/2% KCl wtr. Max press 3,850 psig. Switch to acid. Acidize MC perms fr/5,572' – 5,906' w/1,250 gals 15% NEFE HCl acid (FE control, surf & CI additives) + 40 - 7/8" 1.1 SG Green Bio balls. Flush acid 3 bbls past btm perf w/144 bbls 2% KCl wtr or until ball off. Pump flush @  $\pm 12$  BPM. Record ISIP, 5". Surge off balls. Begin CO2 cooldown.
15. Frac MC perms fr/5,572' – 5,906' down 5-1/2" csg w/ 63,000 gals 70Q CO2 Purgel III LT CO2 Foam Frac fluid (zirconium XL, 25# guar gel, 2% KCl wtr) carrying 101,000# sd (80,000# 20/40 BASF sd + 21,000# 20/40 Super LC resin coated sd). Flush w/70Q CO2 foamed XL frac fluid & unfoamed gel wtr (cut x-linker & CO2). Total flush volume 5,444 gals (3 bbls short of top perf). Est TP 2,200 psig. Pmp frac @ 40 BPM. Max TP @ 3,850 psig. Frac schedule:

Stage	Stage Clean Vol.	Fluid	Stage Proppant	Cum Proppant
Pad	13,000 gals	70Q XL CO2	0#	0#
1 ppg	18,000 gals	70Q XL CO2	18,000# 20/40 BASF	18,000#
2 ppg	12,000 gals	70Q XL CO2	24,000# 20/40 BASF	42,000#
3 ppg	13,000 gals	70Q XL CO2	38,000# 20/40 BASF	80,000#
3 ppg	7,000 gals	70Q XL CO2	21,000# 20/40 SLC	101,000#
Flush	4,944 gals	55Q CO2.	0#	101,000#
Flush	500 gals	Linear gel	0#	101,000#
<b>Total Sand 101,000#      63,000gal 70Q CO2 Purgel III LT      193 Tons CO2</b>				

Record ISIP & 5" SIP's. SWI. RDMO frac equip. Remove Stinger WH isolation tool. Leave well SI 4 hrs.

16. RU flowback manifold & 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 excessive sd back. Flow back well until sd & CO2 cleans up.
17. Once well cleans up flow tst min 3 hrs on fixed choke for IP tst. Record liq vols, FTP, SICP & choke size. SWI. Report rates and pressures to Ryan Lavergne.
18. MIRU PU. ND frac vlv. NU BOP.

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19. MIRU AFU.
  20. TIH w/NC, SN & 2-3/8" tbg.
  21. CO frac sd fill to CBP @ +/- 6,030'. DO NOT DO CBP @ 6,030'.
  22. RDMO AFU.
  23. MI and set a C-160D-200-74 pumping unit. (Min ECB 13901 lbs) with a C 96 gas engine. Set stroke at 63" (2<sup>nd</sup> hole)
  24. MI 86 - 7/8" grade "D" rods, 144 - 3/4" grade "D" rods and adequate pony rods to space out pump
  25. MIRU PU.
  26. TIH with 5-1/2" x 2-3/8" TECH TAC, 4' x 2-3/8" perf sub, 2-3/8" x 30' OEMA w/3/8" weep hole, SN, +/- 184 jts 2-3/8" tubing to surface. Land tubing @ ± 5,950'. SN @ ± 5,916'.
  27. ND BOP. NU WH. Swab well until clean fluid is obtained.
  28. TIH w/ 2" x 1-1/4" x 14' RWAC (DV) pmp, spiral rod guide, 1" x 1' LS, 1-1/4" sb, 21K shear tl, 2 - 1-1/4" sbs, 3/4" x 4' stabilizer bar w/4 molded guides, 3 - 1-1/4" sbs, 6 - 7/8" rods w/5 molded guides per rod, 144 -3/4" Norris gr "D" rods, 80 - 7/8" rods, 7/8" rod subs as needed & 1-1/4" x 22' PR w/10' Inr.
  29. Space out pump. HWO.
  30. Load tubing and check pump action.
  31. RDMO PU.
  32. RWTP pumping at 5 SPM and 65" SL.
  33. Schedule 1<sup>st</sup> delivery.
  34. Report rates and pressure to Ryan Lavergne
- Produce Mancos long enough to get good test data and apply for DHC before drilling out plug**
35. MI +/- 18 jts 2-3/8" tbg. MI 21 - 7/8" grade "D" rods, 8 - 3/4" grade "D" rods and adequate pony rods to space out pump

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36. MIRU PU. Blow well dwn. Kill well w/2% KCl wtr.
37. TOH w/rods & pmp
38. ND WH. NU BOP. Release Tubing anchor
39. TOH w/BHA & tbg.
40. TIH w/4-3/4" bit, DC's & 2-3/8" tbg.
41. MIRU AFU. CO frac sd fill to CBP @ +/- 6,030'. DO CBP.
42. CO fill to PBTD @ 6,894'. Circ well clean.
43. TOH & LD excess tbg & bit.
44. TIH with 5-1/2" x 2-3/8" TECH TAC, 4' x 2-3/8" perf sub, 2-3/8" x 30' OEMA w/3/8" weep hole, SN, 206 jts 2-3/8" tubing to surface. Land tubing @  $\pm$  6,650'. SN @  $\pm$  6,620'.
45. ND BOP. NU WH. Swab well until clean fluid is obtained.
46. TIH w/ 2" x 1-1/4" x 14' RWAC (DV) pmp, spiral rod guide, 1" x 1' LS, 1-1/4" sb, 21K shear tl, 2 - 1-1/4" sbs, 3/4" x 4' stabilizer bar w/4 molded guides, 3 - 1-1/4" sbs, 6 - 7/8" rods w/5 molded guides per rod, 152 -3/4" Norris gr "D" rods, 101 - 7/8" rods, 7/8" rod subs as needed & 1-1/4" x 22' PR w/10' Inr.
47. Space out pump. HWO.
48. Load tubing and check pump action.
49. RDMO PU.
50. RWTP pumping at 5 SPM and 65" SL.
51. Report rates and pressure to Ryan Lavergne

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**MC RECOMPLETION**  
**UNIT E, SEC 22, T28N, R10W**  
**SAN JUAN CO., NM**

**Regulatory Requirements**

Recompletion

Notice of Intent to recomplete to MC

Completion Report

Request for Allowable

DHC approval

Sundry Notice to install pumping unit

**Services**

AFU

WLU & mast trk to perf & run plug

Acid & frac equip

Pmp trk

**Equipment List**

- 2– 400 bbl frac tnks
- 1 flowback tnk
- Composite bridge plug
- 4-3/4" Bit
- TBG: 5 jts 2-3/8" tubing, 5-1/2"x 2-3/8" TECH TAC, 2-3/8" x 30' OEMA with 3/8" weep hole.
- PPG Unit: Lufkin C 160-200-74 and C-96 gas engine
- 2" x 1-1/4" x 14' RWAC (DV) pmp
- RODS:
  - spiral rod guide
  - 1" x 1' LS
  - 21K shear tl
  - 6 - 1-1/4" sbs
  - 3/4" x 4' stabilizer bar w/4 molded guides
  - 6 - 7/8" rods w/5 molded guides per rod
  - 152 -3/4" Norris gr "D" rods
  - 101 - 7/8" rods
  - 7/8" rod subs as needed
  - 1-1/4" x 22' PR w/10' Inr

OCT 22 2008

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 &amp; 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

WELL LOCATION AND ACREAGE DEDICATION PLAT ☒ AMENDED REPORT

SP-077383

<sup>1</sup> API Number 30-045-33644	<sup>2</sup> Pool Code 97232	<sup>3</sup> Pool Name BASIN MANCOS
<sup>4</sup> Property Code 22681	<sup>5</sup> Property Name DAVIDSON GAS COM H	<sup>6</sup> Well Number #1F
<sup>7</sup> GRID No. 5380	<sup>8</sup> Operator Name XTO Energy, Inc.	<sup>9</sup> Elevation 6024'

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	22	28-N	10-W		1605	NORTH	920	WEST	SAN JUAN

<sup>11</sup> 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

<sup>12</sup> Dedicated Acres MC: 320 acres	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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

	<sup>17</sup> 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 Dolena Johnson Printed Name Regulatory Clerk Title 10/21/2008 Date
	<sup>18</sup> 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.  6/23/1984 Date of Survey Original Survey Signed By: John A. Vukonich 14831 Certificate Number

## **BLM CONDITIONS OF APPROVAL**

### ***WORKOVER AND RECOMPLETION OPERATIONS:***

- 1. A properly functioning BOP and related equipment must be installed prior to commencing workover and/or recompletion operations.**
- 2. If this well is in a Seasonal Closure Area, adhere to the closure requirements and timeframes.**
- 3. If casing repair operations are needed, obtain prior approval from this office before commencing repairs**

### ***SURFACE USE OPERATIONS:***

The following Stipulations will apply to this well unless a particular Surface Managing Agency or private surface owner has supplied to BLM and operator a contradictory environmental stipulation. The failure of operator to comply with these requirements may result in assessments or penalties pursuant to 43 CFR 3163.1 or 3163.2. A copy of these conditions of approval shall be present on location during construction, drilling and reclamation activity.

An agreement between operator and fee landowner will take precedence over BLM surface stipulations unless (in reference to 43 CFR Part 3160) 1) BLM determines that operator's actions will affect adjacent Federal or Indian surface, or 2) operator does not maintain well area and lease premises in a workmanlike manner with due regard for safety, conservation and appearance, or 3) no such agreement exists, or 4) in the event of well abandonment, minimal Federal restoration requirements will be required.

***STANDARD STIPULATIONS:*** All surface areas disturbed during work-over activities and not in use for production activities will be reseeded. This should occur in the first 90 days after completion of workover activities.

### ***SPECIAL STIPULATIONS:***

- 1. Pits will be fenced during workover operation.**
- 2. All disturbance will be kept on existing pad.**
- 3. All pits will be pulled and closed immediately upon completion of the workover activities.**
- 4. Pits will be lined with an impervious material at least 12 mils thick.**