

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

JUN 26 2008

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.

Bureau of Land Management
Farmington Field Office

5. Lease Serial No.

NMM - 019414

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No
NMM-102980

8. Well Name and No.

Federal Gas Com 1 #3

9. API Well No

30-045-32304

10. Field and Pool, or Exploratory Area

Basin Fruitland Coal

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 type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other <u>OAP</u> |
| <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 final site is ready for final inspection.)

XTO Energy Inc. would like to OAP in the FC per the attached documents.

RCVD JUL 1 '08
OIL CONS. DIV.

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

DIST. 3

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

Name (Printed/Typed)

DOLENA JOHNSON

Title

REGULATORY CLERK

Signature

Dolena Johnson

Date

06/25/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Wayne Townsend

Title

Reg. Eng.

Date

6/27/08

Office

FFO

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.

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 8

**Federal Gas Com 1 #3
Sec 20D, T32N, R12W
San Juan Co., NM**

OAP: Fruitland Coal

AFE #/Acct #: 800968 / 68863
Prod Csg: 5-1/2", 15.5#, J-55 csg @ 2,273'
PBTD: 2,227'
Perfs: LWR FC: 1,995'- 2,026' @ 3 JSPF (ttl 93 -0.49" perfs)
Tbg : NC, 2-7/8" X 5-1/2" NTT, 30 N 095 Stator, 2-7/8" X 4' tbg sub, 67 jts
tbg. Stator @ 2,125'. NTT @ 2,138'. EOT @ 2,140'.
Rods: Rotor, 83 – 7/8" Norris Grade "D" Rods
Prod. Method: PC pump

Note: The Federal Gas Com 1 #1C is located in close proximity to the Federal Gas Com 1 #3. MIRU PU on Federal Gas Com 1 #1C and set CIBP @ 2,075'. Spot 450' of cmt to prevent possible casing failure during the fracturing treatment.

Fruitland Coal Completion Procedure

1. MI & set 14 – 400 bbl frac tanks & 1 flowback tank. Fill frac tanks w/FC produced wtr. Note: Have Halliburton run preliminary fluid quality tests and add biocide.
2. Test anchors. MIRU PU. POH and LD rods and rotor. ND WH. NU BOP. Tag fill. TOH & visually inspect 2-7/8" tubing.
3. TIH w/RBP & set @ 1,975'. PT csg to 3,000 psig for 5 min. TOH & LD RBP.
4. ND BOP. NU Frac vlv.
5. MIRU Halliburton Acid & Frac equip.

6. ReFrac FC perfs fr/1,995'-2,026' down 5-1/2" csg at 50 BPM w/76,000 gals Delta 140 20# XL frac fluid carrying 108,000# 20/40 sd, and 75,000# 16/30 sd coated with sandwedge WF & NT. Max TP is 3,000 psig. Flush w/1,910 gals linear gel.

Fruitland Coal Schedule					
Stage	BPM	Fluid	Gal	Prop	Cum. Prop
Water	5-10	Water	1,000		
Acid	5-10	15% HCl Acid	2,000		
Pad	10-30	Water	5,000		
Pad	30-50	Linear Gel	4,000		
Pad	50	Delta 140 20# XL	4,000		
0.5 ppg	50	Delta 140 20# XL	1,000	500# 20/40	500#
Pad	50	Delta 140 20# XL	2,000		500#
0.5 ppg	50	Delta 140 20# XL	1,000	500# 20/40	1,000#
1 ppg	50	Delta 140 20# XL	1,000	1,000# 20/40	2,000#
Pad	50	Delta 140 20# XL	3,000		2,000#
1 ppg	50	Delta 140 20# XL	10,000	10,000# 20/40	12,000#
2 ppg	50	Delta 140 20# XL	10,000	20,000# 20/40	32,000#
3 ppg	50	Delta 140 20# XL	12,000	36,000# 20/40	68,000#
4 ppg	50	Delta 140 20# XL	10,000	40,000# 20/40	108,000#
4 ppg	50	Delta 140 20# XL	10,000	40,000# 16/30	147,000#
5 ppg	50	Delta 140 20# XL	7,000	35,000# 16/30	183,000#
Flush	50	Linear Gel	1,910		
TOTAL	76,000 Gal		108,000# 20/40	75,000# 16/30	

Record ISIP, 5", 10", & 15" SIP's. SWI. RDMO frac equip.

7. RIH & Set 5-1/2" CBP @ 1,900'.
8. MIRU WL. Perf Fruitland Coal w/3-1/8" csg gun w/Owen HSC-3125-369 charges (15 gm, 0.48" EHD, 11.20" pene) or equiv performance charges @ 3 JSPF 120° phasing.

Fruitland Coal Perfs	
1,875-79'	12
1,865-67'	6
1,801-04'	9
1,790-93'	9
1,755'	3
1,731'	3

Ttl = 42

9. BD & EIR into perfs w/wtr. Acidize FC perfs fr/1,731' – 1,879' w/1,500 gals. 15% NEFE HCl acid & 65 – 7/8" 1.1 SG RCN BS down 5-1/2" csg. Flush w/2,090 gals of FW. Record ISIP, 5", 10", 15" & SIP. Max STP is 3,850 psig.

10. RIH w/JB to CBP @ 1,900'. POH. RDMO WL trks.
11. Frac FC perfs fr/1,731'-1,879' down 5-1/2" csg at 60 BPM w/65,000 gals Delta 140 20# XL frac fluid carrying 150,000# 20/40 sd coated with sandwedge WF & NT. Max TP is 3,000 psig. Flush w/1,604 gals linear gel.

Fruitland Coal Schedule					
Stage	BPM	Fluid	Gal	Prop	Cum. Prop
Pad	0-30	Water	5,000		
Pad	30-60	Linear Gel	4,000		
Pad	60	Delta 140 20# XL	4,000		
0.5 ppg	60	Delta 140 20# XL	1,000	500# 20/40	500#
Pad	60	Delta 140 20# XL	2,000		500#
0.5 ppg	60	Delta 140 20# XL	1,000	500# 20/40	1,000#
1 ppg	60	Delta 140 20# XL	1,000	1,000# 20/40	2,000#
Pad	60	Delta 140 20# XL	3,000		2,000#
1 ppg	60	Delta 140 20# XL	6,000	6,000# 20/40	8,000#
2 ppg	60	Delta 140 20# XL	9,000	18,000# 20/40	26,000#
3 ppg	60	Delta 140 20# XL	13,000	39,000# 20/40	65,000#
4 ppg	60	Delta 140 20# XL	15,000	60,000# 20/40	125,000#
5 ppg	60	Delta 140 20# XL	5,000	25,000# 20/40	150,000#
Flush	60	Linear Gel	1,604		
TOTAL	65,000 Gal		150,000# 20/40		

Record ISIP, 5", 10", & 15" SIP's. SWI. RDMO frac equip.

12. MIRU PU. Remove frac vlv. NU BOP.
13. TIH with 4-3/4" bit & 2-7/8" production string. CO frac sd fill & DO CBP @ 1,900'. TIH & CO to PBTD @ 2,227'.
14. TOH & LD bit.
15. TIH w/NC, SN & 2-7/8" tbg to 2,150'. Swb well until frac sd cleans up. TIH & tag for fill. CO as necessary. TOH w/tbg & NC.
16. TIH w/ NC, NTT, 30N095 stator on 2-7/8" tbg. Land EOT @ +/- 2,150'. ND BOP. NU WH.
17. TIH w/ 30N095 rotor & +/- 85 - 7/8" grade "D" rods w/ molded on guides. Space out pump and HWO.
18. Load tbg & start well pumping @ 75-100 RPM. Increase RPM as necessary to lower fluid level. RDMO PU.
19. RWTP. Report daily gas & water volumes. Shoot FL after well stabilizes.

(perfs 1731-2006)

Regulatory Requirements

NOI

Completions Report

Services & Equipment List

14 - 400 bbl frac tank filled with fresh or FC produced water.

1 - flowback tank.

Frac vlv

Halliburton frac & acid equip

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.**