

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

RECEIVED

DEC 09 2010

Farmington Field Office
Bureau of Land Management

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM-97841
2. Name of Operator XTO Energy Inc.		6. If Indian, Allottee or Tribe Name
3a. Address 382 CR 3100 AZTEC, NM 87410	3b. Phone No. (include area code) 505-333-3176	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1200' FSL & 1515' FEL SWSE SEC.20 (O) -T30N-R14W N.M.P.M.		8. Well Name and No. WF FEDERAL 20 #3
		9. API Well No. 30-045-30114
		10. Field and Pool, or Exploratory Area TWIN MOUNDS PC/ 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	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 type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input checked="" 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 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 plug and abandon this well per the attached procedure.

Please also see the attached current and proposed wellbore diagrams.

RCVD DEC 13 '10
OIL CONS. DIV.
DIST. 3

Notify NMOCD 24 hrs
prior to beginning
operations

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) TEENA M. WHITING	Title REGULATORY COMPLIANCE TECHNICIAN
Signature <i>Teena M. Whiting</i>	Date 12/8/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Original Signed: Stephen Mason	Title	Date DEC 10 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	

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

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979
Farmington, New Mexico 87499
505-325-2627 * fax: 505-325-1211

PLUG AND ABANDONMENT PROCEDURE

8/9/10

WF Federal 20-3

Twin Mounds PC Extension
1200' FSL and 1515' FEL, Section 20, T30N, R14W
San Juan County, New Mexico / API 30-045-30114

Page 1 of 2

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be water or drilling mud with sufficient weight to balance all exposed formation pressures. Cement is Class B mixed at 15.6 ppg with 1.18 cf/sxs yield or Class B with 18% salt by weight of water (for expansion, MSHA requirement through the Fruitland Coal zone).

PROCEDURE:

1. This project requires a NMOCD C-144 CLEZ Closed-Loop System Permit for the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.
2. Rods: Yes X , No _____, Unknown _____.
Tubing: Yes X , No _____, Unknown _____, Size _____, Length _____.
Packer: Yes _____, No X , Unknown _____, Type _____.
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.
1. Comply with all applicable MSHA, NMOCD, BLM and BHP Billiton safety regulations. Conduct safety meeting for all personnel on location. MOL and RU daylight pulling unit. Lay relief line to the waste pit and blow well down, kill well with water as necessary. ND wellhead and NU BOP. Test BOP. TOH with tubing if present.
2. PU a 3.875" bit and tally a 2.375" tubing workstring. TIH and clean out to PBTD or as deep as possible. Circulate well clean. **Rig up Jet West wireline and run a Gamma - Neutron log and a directional survey log. Adjust the milling intervals as appropriate from these logs.**
3. **Plug #1 (Pictured Cliffs perforations and Fruitland perforations, 1305' – 1097')**: TIH with workstring to 1305' or as deep as possible. Load the well with water and establish injection rate into the perforations. Mix 50 sxs cement with 18% salt (by weight of water) and spot a balanced plug inside the 4.5" casing 1305' to 573' to fill the Picture Cliffs and Fruitland perforations. TOH with the workstring and then squeeze 30 sxs into the perforations; squeeze the TOC down to approximately 1097'. (Note: This is not the final abandonment of the Fruitland perforations. The intent is to fill the perms with cement to help prevent the section mill tool arms from breaking off when the casing is being removed. A final plug for abandonment (see step 9) will be set after milling operations are complete.) WOC.
4. While WOC, pick up a 3.875" mill tooth bit, 6 - 3-1/8" drill collars and the 2.375" drill pipe. TIH and tag cement. Drill out the cement down to 1105' (Note: TOC must be 5 to 8' below the bottom of the planned milled interval (1096') to allow for the nose of the section mill tool). TOH with this BHA and LD the bit.

PLUG AND ABANDONMENT PROCEDURE

June 11, 2010

WF Federal 20-2

Page 2 of 2

Procedure Continued:

5. PU a 3.875" section mill tool and the 6 - 3-1/8" drill collars (this is the under reaming bottom hole assembly, BHA). TIH with BHA and 2.375" drill pipe to 1060'. Rig up drilling equipment and establish circulation with mud.
6. **Note: The intervals to be mill out below are from ground level - not KB.**
7. **Mill out the 4.5" casing from 1060' to 1096'.** Start milling out the 4.5" casing from 1060' down to 1096'. Mill per the tool hands instructions for weight on mill, circulation rate and power swivel's RPM. Circulate well clean with mud. TOH with 2.375" drill pipe and LD the frill collars.
8. **Perforate 2' section of 4.5" casing at 998'.** Perforate 6 HSC squeeze holes from 996' to 998'.
9. **Plug #2 (Fruitland Coal interval, 1097' – 573'):** TIH with 2.375" workstring to PBTD at 1097' (drill out depth in step #4.) and circulate the well clean. Then pump a 5 bbls fresh water spacer ahead of the cement. Mix 60 sxs cement with 18% salt (by weight of water) and spot a balanced plug from 1097' up to 300' to fill the milled interval and to cover the Fruitland top. Displace cement with water. TOH with tubing and then hesitate squeeze the cement down to approximately to 500' inside the 4.5" casing.
10. WOC. Then TIH with tubing and tag cement. Pressure test the casing to 800#.
11. **Plug #3 (7" Surface casing shoe, from 183' to Surface):** Connect the pump line to the bradenhead valve. Pressure test the BH annulus to 300#; note the fluid volume to load. If the BH annulus tests, then mix approximately 15 sxs cement with or without 18% salt cement and spot a balanced plug inside the 4.5" casing from 183' to surface to cover the 7" surface casing shoe. TOH and LD the tubing. If the BH annulus does not test, then perforate at the appropriate depth and fill the bradenhead annulus and 4.5" casing with cement to surface. TOH and LD tubing. Shut in well and WOC.
12. ND BOP and cut off wellhead below surface. Install P&A marker with cement to comply with regulations. RD, MOL. Cut off anchors and clean up location.



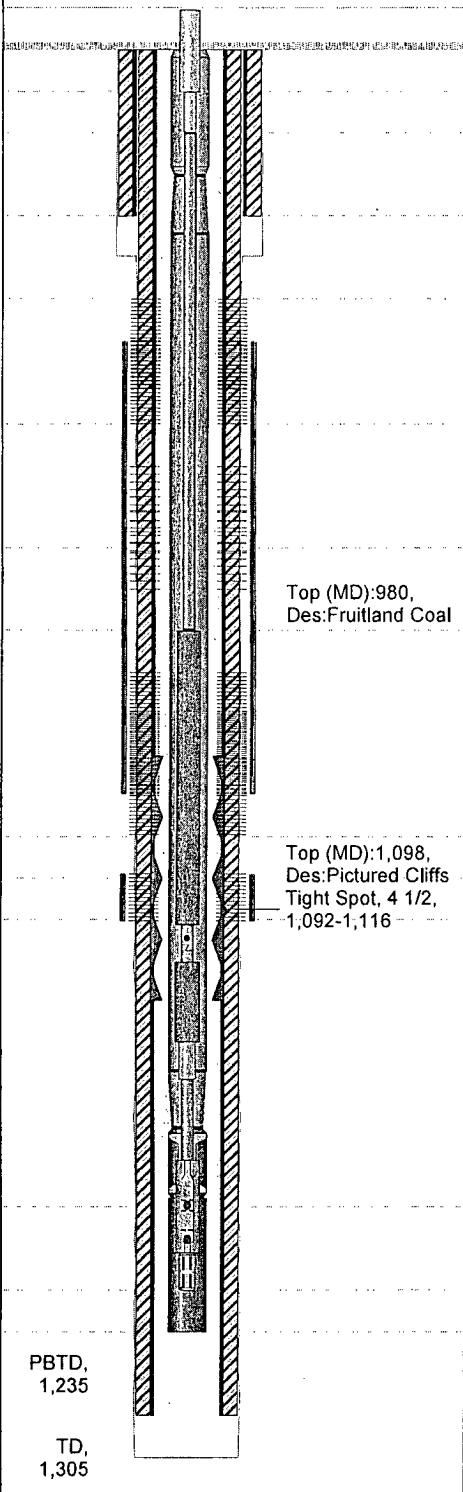
XTO - Wellbore Diagram

Well Name: WF Federal 20-03

API/UWI 30045301140000	E/W Dist (ft) 1,515.0	E/W Ref FEL	N/S Dist (ft) 1,200.0	N/S Ref FSL	Location T30N-R14W-S20	Field Name Twin Mounds Pictured Cliffs	County San Juan	State New Mexico
Well Configuration Type Vertical	XTO ID B 77607	Orig KB Elev (ft) 5,599.00	Gr Elev (ft) 5,594.00	KB-Grd (ft) 5.00	Spud Date 6/19/2000	PBTD (All) (ftKB) Original Hole - 1235.0	Total Depth (ftKB) 1,305.0	Method Of Production Beam

Well Config: Vertical - Original Hole: 10/29/2010 9:35:48 AM

Schematic - Actual		Incl	fTKB (TVD)	fTKB (MD)	Zones	Zone	Top (ftKB)	Btm (ftKB)
					Fruitland Coal		980.0	1,097.0
					Pictured Cliffs		1,098.0	1,106.0



Top (MD):980,
Des:Fruitland Coal

Top (MD):1,098,
Des:Pictured Cliffs
Tight Spot, 4 1/2,
1,092-1,116

PBTD,
1,235

TD,
1,305

Casing Strings		Casing Description	OD (in)	WT (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)
5	Surface		7	20.00			132.9
23	Production		4 1/2	10.50			1,280.4

Cement		Description	Type	String
104	Surface Casing Cement		casing	Surface, 132.9ftKB
133	Production Casing Cement		casing	Production, 1,280.4ftKB

Perforations		Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Hole Diameter (in)	Phasing (°)	Cur. Status	Zone
989		10/8/2005	980.0	989.0	4.0	0.420	120		Fruitland Coal
1,025		3/20/2004	982.0	988.0	2.0	0.340			Fruitland Coal
1,027		10/8/2005	1,025.0	1,029.0	4.0	0.420	120		Fruitland Coal
1,028		3/20/2004	1,027.0	1,028.0	2.0	0.340			Fruitland Coal
1,028		10/8/2005	1,085.0	1,097.0	4.0	0.420	120		Fruitland Coal
1,029		3/20/2004	1,086.0	1,095.0	4.0	0.340			Fruitland Coal
1,029		8/31/2000	1,098.0	1,106.0	4.0	0.410	90		Pictured Cliffs

Tubing Strings		Tubing Description	Run Date	Set Depth (ftKB)
1,085	Tubing - Production		12/20/2007	1,164.7

Tubing Components		Item Description	Jts	Model	OD (in)	WT (lbs/ft)	Grade	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)
1,092	Tubing		3	T&C Upset	2 3/8	4.70	J-55		98.85	5.0	103.9
1,095	Tubing		32	T&C Upset	2 3/8	4.70	J-55		1,029.75	103.9	1,133.6
1,097	Seat Nipple		1		2 3/8				1.10	1,133.6	1,134.7
1,098	OEMA		1		2 3/8	4.70	J-55		30.00	1,134.7	1,164.7

Rods		Rod Description	Run Date	String Length (ft)	Set Depth (ftKB)
1,107	Rod String		12/20/2007	1,146.00	1,147.1

Rod Components		Item Description	Jts	Model	OD (in)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
1,132	Polished Rod		1		1 1/4		22.00	1.1	23.1
1,133	Rod Sub		1		3/4 D		8.00	23.1	31.1
1,133	Sucker Rod		41		3/4 D		1,025.00	31.1	1,056.1
1,134	Sinker Bar		2		1 1/2 C		50.00	1,056.1	1,106.1
1,134	Shear Coupling		1		3/4		1.00	1,106.1	1,107.1
1,134	Sinker Bar		1		1 1/2 C		25.00	1,107.1	1,132.1
1,135	Lift Sub		1		1		1.00	1,132.1	1,133.1
1,135	Spiral Rod Guide		1		3/4		1.00	1,133.1	1,134.1
1,146	Rod Insert Pump		1		1 1/2		12.00	1,134.1	1,146.1
1,147	Strainer Nipple		1		1		1.00	1,146.1	1,147.1

Stimulations & Treatments		Frac Start Date	Top Perf (ft)	Bottom Pe...	V (slurry) (...)	Total Prop...	AIR (b...	ATP (psi)	MTP (psi)	ISIP (psi)
1,165		9/1/2000	1098	1106		57,100.0	45	2,300.0	2,50...	350.0

Comment	
1,235	Acid spearhead & 20# linear gel w/20/40 Brady & 20/40 resin coated



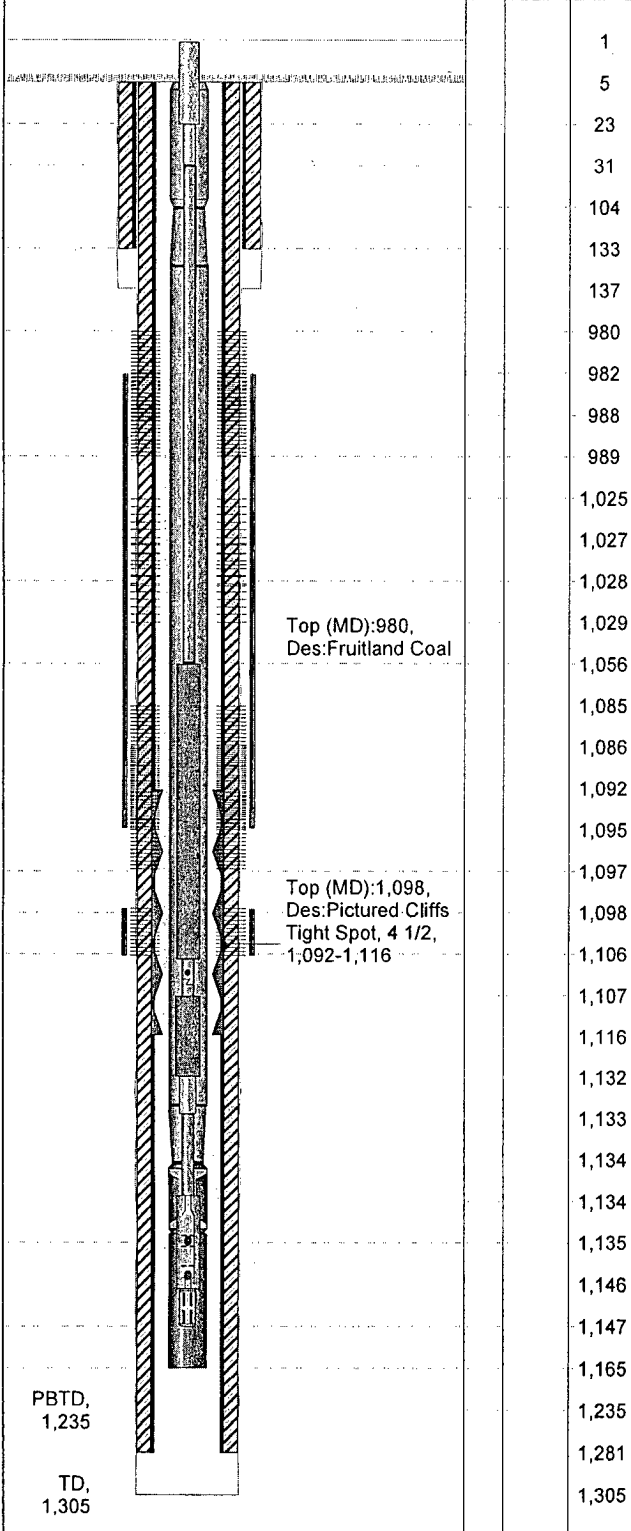
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Well Config: Vertical Original Hole: 10/29/2010 9:35:48 AM

Stimulations & Treatments											
Incl	ftKB (TVD)	ftKB (MD)	Frac Start Date	Top Perf (ft)	Bottom Pe...	V (slurry) (...)	Total Prop...	AIR (b...	ATP (psi)	MTP (psi)	ISIP (psi)
Schematic - Actual			3/20/2004	982	1095		5,304.0	31	3,275.0	3,95...	



1	Comment Acid sperhead & XL fld w/20/40 sd. Press out on 1 ppg sd. No record of plug for isolation between PC & FC.										
5	Frac Start Date	Top Perf (f...	Bottom Pe...	V (slurry) (...)	Total Prop...	AIR (b...	ATP (psi)	MTP (psi)	ISIP (psi)		
23	10/21/2005	980	1097		146,40...	48	2,529.0	2,95...	1,509.0		
31	Comment Re-perf FC. BD & A. in 3 stages. Frac in 1 stage w/Delta 140 & 16/30 sd. Pmp approx 1/2 of job sd in 8 ppg stg.										
104											
133											
137											
980											
982											
988											
989											
1,025											
1,027											
1,028											
1,029											
1,056											
1,085											
1,086											
1,092											
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1,097											
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1,106											
1,107											
1,116											
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1,134											
1,135											
1,146											
1,147											
1,165											
1,235											
1,281											
1,305											

WF Federal 20-3

Proposed P&A

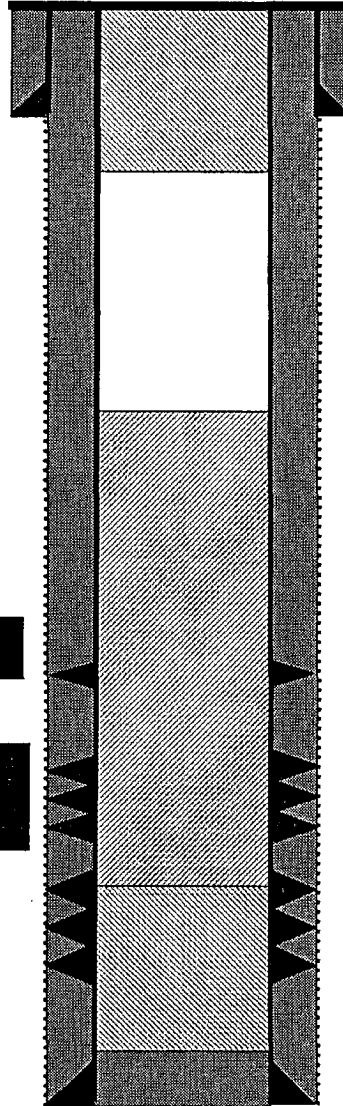
Twin Mounds PC Extension

1200' FSL & 1515' FEL, Section 20, T-30-N, R-14-W
San Juan County, NM / API #30-045-30114

Lat: N _____ / Long: W _____

Today's Date: 9/9/10
Spud: 6/19/00
Completed: 9/23/00
Elevation: 5594' GL
5599' KB

8.75" Hole



TOC at Surface,
Circulate 5bbls per Sundry

7" 20#, J-55 Casing set @ 133'
30 sxs cement, Circulated to surface

Plug #3: 183' – Surface
Class B cement, 15 sxs

Fruitland Top @ 623' *est

Fruitland Coal Seam #8: 992' to 998'

Fruitland Coal Seam #9: 1070' to 1086'

Pictured Cliffs @ 1098'

6.25" Hole

Plug #2: 1097' – 573'
Class B cement, 60 sxs
with 18% salt

Perforate @ 998'

Fruitland Coal Perforations:
982' - - 1097'
Re-Perf 980' – 1096' (2005)

Pictured Cliffs Perforations:
1098' – 1106'

Plug #1: 1305' - 1097'
Class B cement 50 sxs
with 18% salt

4.5" 10.5# J-55 Casing set @ 1281'
Cemented with 125 sxs (168 cf)
Circulated 5 bbls of cement per Sundry

TD 1305'
PBD 1235'