

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 87240
District II
1301 W. Grand Ave., 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 and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103

June 19, 2008

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/>	WELL API NO. 30-045-28694
2. Name of Operator XTO Energy Inc.	5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
3. Address of Operator 382 CR 3100 AZTEC, NM 87410	6. State Oil & Gas Lease No.
4. Well Location Unit Letter <u>L</u> : <u>1850</u> feet from the <u>SOUTH</u> line and <u>790</u> feet from the <u>WEST</u> line Section <u>32</u> Township <u>26N</u> Range <u>11W</u> NMPM County <u>SAN JUAN</u>	7. Lease Name or Unit Agreement Name: GRACIA STATE 32 L
	8. Well Number #3
	9. OGRID Number 5380
	10. Pool name or Wildcat BASIN FRUITLAND COAL
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6,275'	

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

XTO Energy Inc. intends to plug & abandon this well per the attached procedure.

Please also see the attached current and proposed wellbore diagrams.

Notify NMOCD 24 hrs
prior to beginning
operations

RCVD SEP 10 '10
OIL CONS. DIV.
DIST. 3

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Teena M. Whiting TITLE REGULATORY COMPLIANCE TECH DATE 9/9/2010
Type or print name TEENA M. WHITING E-mail address: teena_whiting@xtoenergy.com PHONE 505-333-3176

For State Use Only

APPROVED BY Kathy G. Ralt TITLE Deputy Oil & Gas Inspector, District #3 DATE SEP 27 2010

Conditions of Approval (if any):

WFL____
TJF____

Gracia State 32 L #3 – Fruitland Coal PLUG AND ABANDONMENT PROCEDURE

June 25, 2010

1,850' FSL & 790' FWL
Unit L, Section 32, T26N, R11W
San Juan County, NM API #30-045-28694

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

1. This project requires the Operator to obtain an approved NMOCD C-144 CLEZ Closed-Loop System Permit for the use of an approved steel tank to handle waste fluids circulated from the well and cement wash up.
2. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. TOH and LD rods and pump. ND wellhead and NU BOP. Function test BOP. TOH with tubing and LD BHA.
3. Rods: Yes X , No , Unknown ;
Tubing: Yes X , No , Unknown , Size 2-3/8" , Length 1,292' Unknown ;
Packer: Yes , No X , Unknown , Type .
4. Round trip a 4.5" casing scraper to 1,250'; not a wireline gauge ring.
5. **Plug #1 (Fruitland Coal, 1,200' – 1,050')**: TIH and set cement retainer at 1,210'. Pressure test tubing to 1000 PSI. *Pressure test casing to 800 PSI. If casing does not test, then spot or tag subsequent plug as appropriate.* Mix 16 sxs cement and spot a balanced plug inside the casing to cover the Fruitland Coal intervals. PUH to 470'.
6. **Plug #2 (Kirtland, Ojo Alamo, & casing shoe 470' – Surface)**: Connect the pump line to the bradenhead valve and attempt to pressure test the BH annulus to 300 PSI; note the volume to load. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 40 sxs and pump cement inside the 4.5" casing to the surface, circulate good cement out casing valve. TOH and LD tubing. Shut in well and WOC. If the BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the 4.5" casing and the BH annulus to surface. Shut in well and WOC.
7. ND BOP and cut off casing below surface casing flange. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

Tops:

Fruitland:	1,130'
Kirtland:	420'
Ojo Alamo:	310'
Casing Shoe:	133'



XTO - Wellbore Diagram

Well Name: Gracia State 32 L 03

API/UWI	E/W Dist (ft)	E/W Ref	N/S Dist (ft)	N/S Ref	Location	Field Name	County	State
30045286940000	790.0	FWL	1,850.0	FSL	T26N-R11W-S32	Basin Fruitland Coal	San Juan	New Mexico
Well Configuration Type	XTO ID B	Orig KB Elev (ft)	Gr Elev (ft)	KB-Grd (ft)	Spud Date	PBTD (All) (ftKB)	Total Depth (ftKB)	Method Of Production
Vertical	71713	6,285.00	6,275.00	10.00	8/31/1992	Original Hole - 1318.0	1,375.0	Beam

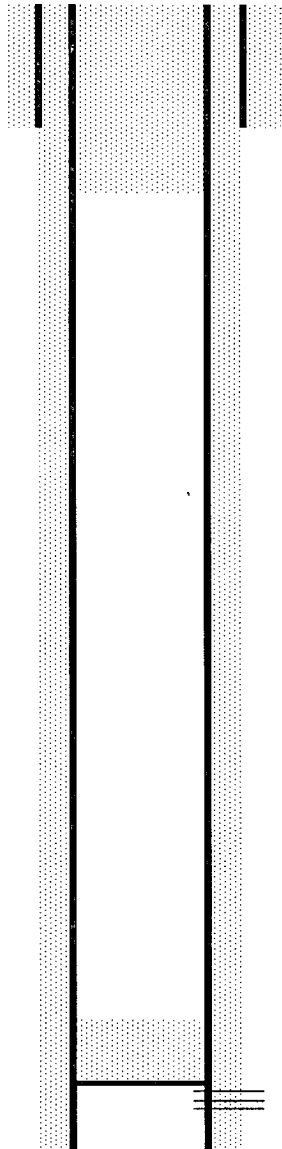
Well Config: Vertical - Original Hole, 9/8/2010 2:56:57 PM

Schematic - Actual		Incl	ftKB (TVD)	ftKB (MD)	Zone	Top (ftKB)	Btm (ftKB)				
<p>Top (MD): 1,245. Des: Fruitland Coal</p> <p>PBTD, 1,318</p> <p>TD, 1,375</p>					Fruitland Coal	1,245.0	1,266.0				
		Casing Strings									
		Casing Description		OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)			
		Surface		7	20.00	J-55		133.0			
		Casing Description		OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)			
		Production		4 1/2	9.50	J-55		1,365.0			
		Cement									
		Description		Type	String						
		Surface Casing Cement		casing	Surface, 133.0ftKB						
		Comment									
		Circ cmt to surf									
		Description		Type	String						
		Production Casing Cement		casing	Production, 1,365.0ftKB						
		Comment									
		Circ cmt to surf									
		Perforations									
		Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Hole Diameter (in)	Phasing (°)	Curr... Status	Zone		
		9/29/1992	1,245.0	1,266.0	4.0				Fruitland Coal		
		Tubing Strings									
		Tubing Description		Run Date	Set Depth (ftKB)						
		Tubing - Production		10/19/2007	1,294.0						
		Tubing Components									
		Item Description	Jts	Model	OD (in)	Wt (lbs/ft)	Grade	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)
		Tubing	2	T&C Upset	2 3/8	4.70	J-55		64.00	10.0	74.0
		Tubing Sub	2	T&C Upset	2 3/8	4.70	J-55		18.00	74.0	92.0
		Tubing	37	T&C Upset	2 3/8	4.70	J-55		1,181.00	92.0	1,273.0
		Seat Nipple			2 3/8		J-55		1.00	1,273.0	1,274.0
		OEMA			2 3/8	4.70	J-55		20.00	1,274.0	1,294.0
		Rods									
		Rod Description		Run Date	String Length (ft)		Set Depth (ftKB)				
		Insert Pump		10/19/2007	1,281.00		1,290.0				
		Rod Components									
		Item Description	Jts	Model	OD (in)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)		
		Polished Rod	1		1 1/4		16.00	9.0	25.0		
		Rod Sub	1		3/4	D	8.00	25.0	33.0		
		Sucker Rod	31	WCN-96	3/4	96	837.00	33.0	870.0		
		Sucker Rod w/Molded Guides	13		3/4	96	390.00	870.0	1,260.0		
		Rod Sub	6		3/4	96	12.00	1,260.0	1,272.0		
		Lift Sub	1				1.00	1,272.0	1,273.0		
		Spiral Rod Guide	1		3/4		2.00	1,273.0	1,275.0		
		RHBO Tool			3/4		2.00	1,275.0	1,277.0		
		Strainer Nipple	1		3/4		1.00	1,277.0	1,278.0		
		Rod Insert Pump	1	RWAC	1 1/2		12.00	1,278.0	1,290.0		
		Stimulations & Treatments									
		Frac Start Date	Top Perf (ft)	Bottom Perf (ft)	V (slurry) (bbl)	Total Proppant (lb)	AIR (bbl)	ATP (psi)	MTP (psi)	ISIP (psi)	
		9/30/1992	1245	1266							
		Comment									
		MIRU Western frac crew. Frac perfs fr/1,245'-66' w/8,936 gals 70Q, gelled foam w/6,300# 40-70 Arizona sd & 63,250# 12-20 Arizona sd @ 18 bpm & 1,260 psig. isip 990 psig. 5" sip 940 psig. 10" sip 920 psig. 15" sip 910 psig. RDMO Western.									

PBTD,
1,318

TD,
1,375

Gracia State 32-L-3
Sec 32, T26N, R11W
API# 30-045-28694



Plug 2: 470'-surf

7", 20#, casing at 133', cmt to surface

4-1/2" 9.5# casing at 1365', Circ to surface

Plug 1: 1200-1050'

FC perfs: 1245'-1266'

Tops:

Casing shoe	133'
Ojo Alamo	310'
Kirtland	420'
Fruitland Coal	1,130'