

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FEB 08 2010

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.

5. Lease Serial No.

14-20-603-2168A

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBE

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

NMNM-78404X

8. Well Name and No.

NW CHA CHA UNIT #47

9. API Well No.

30-045-29124

10. Field and Pool, or Exploratory Area

CHA CHA GALLUP

11. County or Parish, State

SAN JUAN NM

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)

1567' FNL & 1849' FEL SWNE SEC.27 (G) -T29N-R14W N.M.P.M.

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

☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Fracture Treat☐ New Construction☒ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☐ Other

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 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., intends to plug and abandon this well per the attached procedure.

Please also see the attached current and proposed well bore diagrams.

SEE ATTACHED FOR
CONDITIONS OF APPROVALRCVD FEB 12 '10
OIL CONS. DIV.

DIST. 3

H₂S POTENTIAL EXIST14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

TEENA M. WHITING

Title REGULATORY COMPLIANCE TECHNICIAN

Signature

Teena M. Whiting

Date 2/5/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

FEB 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.

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.

NMOC 10

NW CHA CHA UNIT #47
Cha Cha Gallup / API 30-045-29124
1,567' FNL & 1,849' FEL, UL G, Section 27, T 29 N, R 14 W
San Juan County, New Mexico

Plug and Abandonment Procedure

AFE #: 1000652
Surface Casing: 9-5/8", 24#, J-55 @ 225'. Cmt 190 sx. Circ 8 sx cmt to surface.
Production Casing: 5-1/2", 15.5# J-55 @ 5,494'. DVT @ 3,000'.
First stage: Cmt 275 sx. Did not circ cmt to surface.
Second stage: Cmt 255 sx. Circ 20 bbls to surface.
PBTD: 5,456'
Tubing: 2-7/8" x 30' OEMA w/1/2" weep hole & pin, Baker 5-1/2" TAC w/45K shear, SN, 169 jts 2-7/8" tbg
EOT @ 5,329', TAC @ 5,296', SN @ 5,295'
Rods and Pump: 2-1/2" x 2" x 20' RWAC (DV) CDI pmp (XTO # 133) w/1" x 1' strnr nip, spiral rod guide, 1-1/2" sb, 21K shear tl, 5 - 1-1/2" sbs, 45 - 3/4" rods, 2 - 3/4" rods w/3 molded guides per rod, 76 - 3/4" rods, 82 - 7/8" rods, 2 - 7/8" rod subs (4' & 8') & 1-1/4" x 22' PR w/10' lnr
Perforations: Gallup: 5,016' – 5,313'

**Please notify BLM, NMOCD, and the Navajo Nation 48 hours prior to beginning operations.*

- 1) Clamp off rods. Remove pumping unit and pad.
- 2) MIRU PU.
- 3) ND WH. NU BOP.
- 4) PT tubing to 500 psig. TOH & tally 2-7/8" tubing. LD OEMA & Baker 5-1/2" TAC.
- 5) TIH 5-1/2" casing scraper on 2-7/8" tubing to 5,200'.
- 6) TIH 5-1/2" CIBP on 2-7/8" tubing. Set CIBP @ 5,175'.
- 7) MIRU cement truck.
- 8) Load casing with water. PT casing to 500 psig for 30 minutes with chart. If casing does not test, tag and spot subsequent plugs as appropriate.
- 9) Pump 9 sx Class "G" cement (15.6 ppg, 1.18 cuft/sk) down 2-7/8" tubing from 5,125' – 5,175'. (Cement volume calculated with 50% excess.)
- 10) Pump 17 sx Class "G" cement (15.6 ppg, 1.18 cuft/sk) down 2-7/8" tubing from 4,870' – 4,970'. (Cement volume calculated with 50% excess.)
- 11) Pump 17 sx Class "G" cement (15.6 ppg, 1.18 cuft/sk) down 2-7/8" tubing and spot balance plug from ~~2,717'~~ 2,188' – ~~2,817'~~ 2,888'. (Cement volume calculated with 50% excess.)

- 12) Pump 17 sx Class "G" cement (15.6 ppg, 1.18 cuft/sk) down 2-7/8" tubing and spot balance plug from 1,137' – 1,237'. (Cement volume calculated with 50% excess.)
- 13) Pump 17 sx Class "G" cement (15.6 ppg, 1.18 cuft/sk) down 2-7/8" tubing and spot balance plug from ~~390'~~ ⁸⁶² – ~~490'~~ ⁷⁶². (Cement volume calculated with 50% excess.)
- 14) Pump 26 sx Class "G" cement (15.6 ppg, 1.18 cuft/sk) down 2-7/8" tubing and spot balance plug from 150' – 300'. (Cement volume calculated with 50% excess.)
- 15) ND BOP.
- 16) Pump 9 sx Class "G" cement (15.6 ppg, 1.18 cuft/sk) down 2-7/8" tubing and spot balance plug from surface – 50'. (Cement volume calculated with 50% excess.).
- 17) LD 2-7/8" tubing.
- 18) Cut off wellhead. Fill in with cement as needed. Install P&A marker that complies with all regulations.
- 19) RDMO PU.
- 20) Cut off anchors. Reclaim location.

Regulatory:

- 1) C-144 Form
- 2) NOI for P&A on form C-103
- 3) Submit a post-work sundry on form C-103 which details the P&A work and location work within 30 days of completing all required restoration work.

Equipment

- 1) Flowback tank
- 2) Cement truck
- 3) 1 – 5-1/2" casing scraper
- 4) 1 – 5-1/2" CIBP (set on 2-7/8" tubing)
- 5) Cement truck
- 6) 112 sx cl "G" cmt
- 7) P&A marker



XTO - Wellbore Diagram

Well Name: NW Cha Cha Unit 47

API/UWI	E/W Dist (ft)	E/W Ref	N/S Dist (ft)	N/S Ref	Location	Field Name	County	State
30045291240000	1,849 0	FEL	1,567 0	FNL	T29N-R14W-S27	Cha Cha Gallup	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	77525	5,725.00	5,713 00	12 00	7/1/1994	Original Hole - 5456.0	5,494.0	SI

Well Config Vertical - Original Hole, 2/2/2010 9:33 47 AM

Schematic - Actual		Incl	ftKB (TVD)	ftKB (MD)	Zones	
					Zone	Top (ftKB) Btm (ftKB)
					Gallup	5,016 0 5,313 0
					Casing Strings	
				10	Casing Description	OD (in) Wt (lbs/ft) String Grade Top Connection Set Depth (ftK)
					Surface	8 5/8 24.00 J-55 225 0
				12	Casing Description	OD (in) Wt (lbs/ft) String Grade Top Connection Set Depth (ftK)
					Production	5 1/2 15.50 J-55 5,494 0
				32	Item Description	OD (in) Wt (lbs/ft) Grade Top (ftKB) Bottom (ftKB)
					Stage Tool	5 1/2 15 50 J-55 3,000.0 3,003 0
					Cement	
				36	Description	Type String
					Surface Casing Cement	casing Surface, 225 0ftKB
				44	Comment	
					Cmt'd csg w/100 sx cl B cmt. Tailed in w/90 sx cl B cmt w/2% CaCl2 & 1/4#/sx Celloflake Circ 8 sx cmt to surf	
				225	Description	Type String
					Production Casing Cement	casing Production, 5,494 0ftKB
				2,119	Comment	
					Cmt'd 1st stg w/175 sx 65/35/12 Poz mix w/12 gel, 5#/sx Hi-seal, 1/4#/sx Celloseal & 2% CaCl2. Tailed in w/100 sx Cl B cmt w/1/4#/sx Celloseal Cmt'd 2nd stg w/255 sx 65/35/12 Poz mix w/12 gel, 5#/sx Hi-seal, 1/4#/sx Celloseal & 2% CaCl2.. Tailed in w/50 sx Cl B cmt w/1/4#/sx Celloseal. Circ 20 bbls cmt to surf	
				3,000		
				3,003		
				3,994	Perforations	
				4,000	Date	Top (ftKB) Btm (ftKB) Shot Dens (shots/ft) Hole Diameter (in) Phasing (") Zone
						5,016.0 5,313 0 Gallup
				4,044	Tubing Strings	
					Tubing Description	Run Date Set Depth (ftKB)
				4,474	Tubing - Production	3/11/2009 5,328.9
					Tubing Components	
				4,573	Item Description	Jts Model OD (in) Wt (lbs/ft) Gra Top Thread Len (ft) Top (ftKB) Btm (ftKB)
				4,819	Tubing	143 T&C Upset 2 7/8 6.50 J-55 4,462 28 12 0 4,474.3
				5,016	Tubing	3 T&C Upset 2 7/8 6.50 J-55 98.80 4,474 3 4,573 1
				5,144	Tubing	23 T&C Non-... 2 7/8 6.40 J-55 722 00 4,573 1 5,295 1
				5,269	Pump Seating Nipple	1 2 7/8 1.10 5,295.1 5,296 2
				5,270	Anchor/catcher	1 2 7/8 2.75 5,296 2 5,298 9
					OEMA	1 2 7/8 6.50 J-55 30 00 5,298 9 5,328 9
				5,295	Rods	
					Rod Description	Run Date String Length (ft) Set Depth (ftKB)
				5,295	Rod String	3/12/2009 5,306.00 5,316 0
					Rod Components	
				5,296	Item Description	Jts Model OD (in) Grade Len (ft) Top (ftKB) Btm (ftKB)
					Polished Rod	1 1 1/4 22 00 10 0 32.0
				5,299	Rod Sub	1 7/8 D 4.00 32 0 36 0
					Rod Sub	1 7/8 D 8 00 36 0 44 0
				5,313	Sucker Rod	83 WCN-78 7/8 D 2,075 00 44.0 2,119.0
					Sucker Rod	75 3/4 D 1,875 00 2,119 0 3,994.0
				5,315	Sucker Rod w/Molded Guides	2 3/4 D 50 00 3,994 0 4,044 0
				5,316	Sucker Rod	31 3/4 D 775 00 4,044.0 4,819 0
					Sucker Rod	13 3/4 D 325.00 4,819.0 5,144.0
				5,329	Sinker Bar	5 1 1/2 K 125 00 5,144.0 5,269 0
					Shear Tool - 21K	1 3/4 0.60 5,269 0 5,269.6
				5,456	Sinker Bar	1 1 1/2 K 25 00 5,269.6 5,294 6
					Spiral Rod Guide	1 3/4 0 40 5,294 6 5,295 0
				5,494	Rod Insert Pump	1 2 20.00 5,295.0 5,315 0
					Strainer Nipple	1 1 5,315 0 5,316 0

Top (MD) 5,016,
Des Gallup

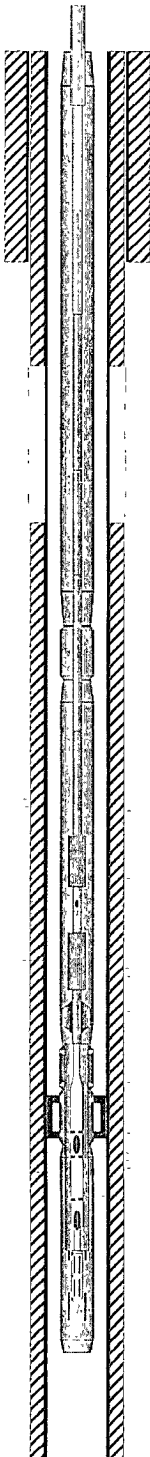
PBTD,
5,456
TD,
5,494



XTO - Wellbore Diagram

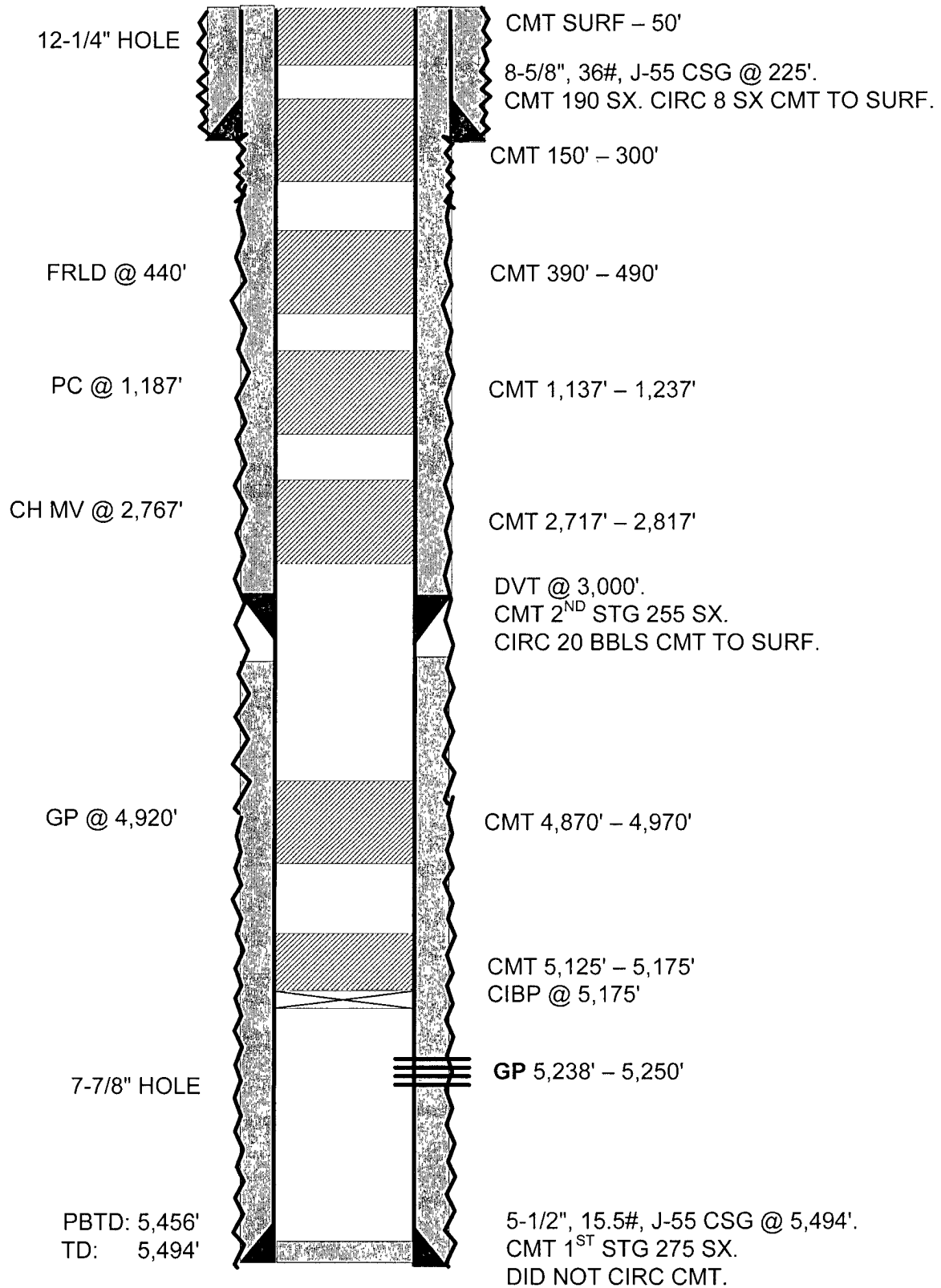
Well Name: NW Cha Cha Unit 47

API/UWI 30045291240000	E/W Dist (ft) 1,849.0	E/W Ref FEL	N/S Dist (ft) 1,567.0	N/S Ref FNL	Location T29N-R14W-S27	Field Name Cha Cha Gallup	County San Juan	State New Mexico
Well Configuration Type Vertical	XTO ID B 77525	Orig KB Elev (ft) 5,725.00	Gr Elev (ft) 5,713.00	KB-Grd (ft) 12.00	Spud Date 7/1/1994	PBTD (All) (ftKB) Original Hole - 5456.0	Total Depth (ftKB) 5,494.0	Method Of Production SI

Well Config: Vertical - Original Hole, 2/2/2010 9 33.47 AM				Stimulations & Treatments								
Schematic - Actual	Incl	ftKB (TVD)	ftKB (MD)	Frac Start Date	Top Perf (f	Bottom Pe	V (slurry) (	Total Prop	AIR (b	ATP (psi)	MTP (psi)	ISIP (psi)
 Top (MD) 5,016, Des: Gallup PBTD, 5,456 TD, 5,494			10	Comment Frac GP fr/5,016'-5313' dwn csg w/48678 gals wtr & 61,440# 20/40 Ottawa sd. AIR 43 BPM. ATP 2450 psig. MTP 3000 psig ISIP 1050 psig.								
			12									
			32									
			36									
			44									
			225									
			2,119									
			3,000									
			3,003									
			3,994									
			4,000									
			4,044									
			4,474									
			4,573									
			4,819									
			5,016									
			5,144									
			5,269									
			5,270									
			5,295									
			5,295									
			5,296									
			5,299									
			5,313									
			5,315									
			5,316									
			5,329									
			5,456									
			5,494									

**NW CHA CHA #47
PROPOSED P&A**

KB: 5,725'
GL: 5,713'
CORR: 12'



**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
1235 LA PLATA HIGHWAY
FARMINGTON, NEW MEXICO 87401**

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: 47 Northwest Cha Cha Unit

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907.
3. The following modifications to your plugging program are to be made:
 - a) Place the Mesaverde (La Ventana) plug from 2188' – 2088'.
 - b) Place the Fruitland plug from 862' – 762'.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.