

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires July 31, 2010

RECEIVED

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.

SEP 10 2012

Farmington Field **SUBMIT IN TRIPLICATE - Other instructions on page 2**

Bureau of Land Management

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other **WIW**

2. Name of Operator

XTO ENERGY INC.

3a. Address

382 CR 3100 AZTEC, NM 87410

3b. Phone No. (include area code)

505-333-3630

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1930' FSL & 971' FEL NESE SEC. 27 (1) - T29N-R14W N.M.P.M.

5. Lease Serial No.

14-20-603-2168A

6. If Indian, Allottee or Tribe Name

NAVAJO LAND

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

8. Well Name and No.

NW CHA CHA UNIT #60

9. API Well No.

30-045-29125

10. Field and Pool, or Exploratory Area

GALLUP

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

BP

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 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 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.)

XOT Energy Inc. intends to plug and abandon this well per the attached procedure. Please see also attached current and proposed wellbore diagrams.

Notify NMOCD 24 hrs
prior to beginning
operations

RCVD SEP 19 '12
OIL CONS. DIV.
DIST. 3

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

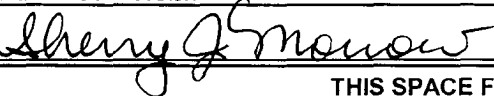
Name (Printed/Typed)

SHERRY J. MORROW

Title

REGULATORY ANALYST

Signature



Date

9/6/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

SEP 11 2012

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

NW CHA CHA UNIT #60
1,930' FSL & 971' FEL, Section 27, T 29 N, R 14 W
San Juan County, New Mexico / API 30-045-29125

Plug and Abandonment Procedure

Surface Casing: 8-5/8", 24#, J-55 @ 241'. Cmt 145 sx. Circ cmt to surf.
Production Casing: 5-1/2", 15.5#, J-55 @ 5,485'. Cmt 485 sx. Circ 20 bbls cmt to surf.
Perforations: Gallup: 5,310' – 5,384' (126 holes)
Other: CIBP set @ 5,220'.

Please notify NMOCD 24 hours prior to beginning plugging operations

- 1) Test rig anchors.
- 2) Set flowback tank.
- 3) MIRU PU.
- 4) TIH 2-7/8" work string. Tag CIBP @ 5,220' from TA operations dated 6/9/2006.
- 5) Load casing with water and pressure test to 550 psig for 30 minutes. Record test on chart. If casing does not test, spot and tag subsequent plugs as appropriate.
- 6) MIRU cement truck.
- 7) **Gallup Plug:** Pump 41 sx class "B" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing and spot balanced plug from 5,220' – 4,914' (volume calculated with 50' excess).
- 8) **Mancos Plug:** Pump 17 sx class "B" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing and spot balance plug from 4,048' – 3,948' (volume calculated with 50' excess).
- 9) **Meseverde & Chacra Plug:** Pump 87 sx class "B" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing and spot balance plug from 2,866' – 2,148' (volume calculated with 50' excess).
- 10) MIRU WLU.
- 11) **Pictured Cliffs & Fruitland Coal Plug:** Perforate 3 squeeze holes at 1,278'. Establish rate into squeeze holes. Set CICR at 1,228'. Pump 160 sx class "B" cement (15.6 ppg, 1.18 cuft/sx yield). Squeeze 111 sx outside casing and leave 49 sx inside casing from 1,278' – 900' (volumes calculated with 50' excess inside & 100% excess outside).
- 12) **Casing Shoe Plug:** Perforate 3 squeeze holes at 291'. Establish rate into squeeze holes. Pump 125 sx class "B" cement (15.6 ppg, 1.18 cuft/sx yield). Squeeze 86 sx outside casing and leave 39 sx inside casing from 291' – Surface (volumes calculated with 50' excess inside & 100% excess outside).
- 13) RDMO WLU. RDMO cement truck. TOH and LD all tubing. RDMO PU.
- 14) WOC 4 hours.
- 15) Cut off wellhead. Fill in casing as needed with cement. Install P&A marker.
- 16) Cut off anchors and reclaim location.



XTO - Wellbore Diagram

Well Name: NW Cha Cha Unit 60

API/UWI	E/W Dist (ft)	E/W Ref	N/S Dist (ft)	N/S Ref	Location	Field Name	County	State
30045291250000	971.0	FEL	1,930.0	FSL	T29N-R14W-S27	Cha Cha Gallup	San Juan	New Mexico
Well Configuration Type	XTO ID B	Ong KB Elev (ft)	Gr Elev (ft)	KB-Grd (ft)	Spud Date	PBTD (All) (ftKB)	Total Depth (ftKB)	Method Of Production
Vertical	77512	5,780.00	5,770.00	10.00	7/28/1994	Original Hole - 5428.0	5,485.0	None

Well Config. Vertical - Original Hole, 8/30/2012 2:11:37 PM

Schematic - Actual		Incl	ftKB (TVD)	ftKB (MD)	Zones									
					Zone		Top (ftKB)		Btm (ftKB)					
					Gallup		5,310.0		5,384.0					
					Casing Strings									
					Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)				
					Surface	8 5/8	24.00	J-55		241.0				
					Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)				
					Production	5 1/2	15.50	J-55		5,485.0				
				10	Cement									
					Description	Type			String					
					Surface Casing Cement	casing			Surface, 241.0ftKB					
					Comment									
					Cmtd w/145 sx CI B cmt w/2% CaCl2 & .25 pps celloseal f/b 38 sx CI B neat. Circ cmt to surf									
				240	Description	Type			String					
					Production Casing Cement	casing			Production, 5,485.0ftKB					
					Comment									
					Cmtd w/220 sx CI B w/3% Thrifty Lite & .25 pps Celloseal, f/b 265 sx CI B w/10% Thixad & 0.4% CF-2. Circ 20 bbls cmt to surf.									
				241	Perforations									
					Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Hole Diameter (in)	Phasing (°)	Curr. Status	Zone		
					12/8/1997	5,310.0	5,384.0	4.0				Gallup		
					Tubing Strings									
				5,220	Tubing Description	Run Date				Set Depth (ftKB)				
					Tubing Components									
					Item Description	Jts	Model	OD (in)	Wt (lbs/ft)	Grade	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)
				5,221	Rods									
					Rod Description	Run Date			String Length (ft)		Set Depth (ftKB)			
					Rod Components									
					Item Description	Jts	Model	OD (in)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)		
				5,310	Stimulations & Treatments									
					Frac Start Date	Top Perf (ft)	Bottom Pe	V (slurry) (Total Prop	AIR (b	ATP (psi)	MTP (psi)	ISIP (psi)	
					12/10/1997	5310	5384							
					Comment									
					A. w/1500 gals 7.5% acetic acid using 150 ball sealers. Disp w/100 bbls 2% KCL wtr.									
				5,384										
				5,428										
				5,484										
				5,485										

NW Cha Cha Unit #60 -
Proposed P&A Diagram

KB: 5,780'
GL: 5,770'
CORR: 10'

12-1/4" HOLE

8-5/8", 24#, J-55, CSG @ 241'.
CMT 145 SX. CIRC CMT TO SURF.

CMT FR/Surf - 291' (39 SX INSIDE, 86
SX OUTSIDE)

PERFORATIONS @ 291'

FRUITLAND COAL TOP @
950'

CMT FR/900' - 1,278' (49 SX INSIDE,
111 SX OUTSIDE)

PICTURED CLIFFS TOP @
1,228'

CICR @ 1,228'

PERFORATIONS @ 1,278'

TOC @ 1,870' FR/CBL 8/11/94

CHACRA @ 2,198'

CMT FR/2,148' - 2,866' (87 SX)

MESEVERDE TOP @ 2,816'

MANCOS TOP @ 3,998'

CMT FR/3,948' - 4,048' (17 SX)

GALLUP TOP @ 4,964'

CMT FR/4,914' - 5,220' (41 SX)

CIBP @ 5,220' (EXISTING)

7-7/8" HOLE

GP 5,310' - 5,384'

PBTD: 5,428'
TD: 5,485'

5-1/2" 15.5# J-55 CSG @ 5,485'.
CMT W/485 SX. CIRC 20 BBLs CMT TO SURF.

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
6251 COLLEGE BLVD.
FARMINGTON, NEW MEXICO 87402

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: 60 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) 564-7750.
3. The following modifications to your plugging program are to be made:
 - a) Bring the top of the Mesaverde plug to 2136'.
 - b) Place the Pictured Cliffs/Fruitland plug from 1274' – 766' inside and outside the 5 ½" casing.
 - c) You are required to have H2S monitoring equipment and personnel on location during plugging operations.

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.