

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

Form C-103
June 19, 2008

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

WELL API NO. 30-045-20668
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No. CA#NMNM74046
7. Lease Name or Unit Agreement Name: HEATON LS
8. Well Number
9. OGRID Number #24
10. Pool name or Wildcat AZTEC PICTURED CLIFFS

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
2. Name of Operator XTO ENERGY INC.
3. Address of Operator 382 CR 3100 AZTEC, NM 87410
4. Well Location Unit Letter <u>E</u> : <u>1500</u> feet from the <u>NORTH</u> line and <u>990</u> feet from the <u>WEST</u> line Section <u>30</u> Township <u>31N</u> Range <u>11W</u> NMPM <u>SAN JUAN</u> County <u>NM</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5912' GL

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. proposes to plug and abandon this well per the attached procedure and will be using a Closed Loop System. Please see also the attached current and proposed wellbore diagrams.

Prior to cementing, provide CAL to NMOC for review / approval
Extend Ojo Alam plug to 622 feet.
Notify NMOC 24 hrs prior to beginning operations
OIL CONS. DIV.
DIST. 9

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 Sherry J. Morrow TITLE REGULATORY ANALYST DATE 8/19/2014

Type or print name SHERRY J. MORROW E-mail address: PHONE 505-333-3630

For State Use Only

APPROVED BY Bd TITLE AR DATE 9/19/14

Conditions of Approval (if any):

LWA _____
MTG _____
Approved _____

PLUG AND ABANDONMENT PROCEDURE

July 30, 2014

Heaton 24

Aztec Pictured Cliffs

1500' FSL and 990' FWL, Section 30, T31N, R11W
San Juan County, New Mexico / API 30-045-20668

Lat: _____ / Lat: _____

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. 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. ND wellhead and NU BOP. Function test BOP.
2. Rods: Yes _____, No X, Unknown _____.
Tubing: Yes X, No _____, Unknown _____, Size _____, Length _____,
Packer: Yes _____, No X, Unknown _____, Type _____.
3. **Plug #1 (Pictured Cliffs Perforations, top and Fruitland top, 2336' – 1768')**: PU and TIH with 2.785" cement retainer, set at 2336'. 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 and pump 18 sxs Class B cement above CR to isolate Pictured Cliffs perforations, top and Fruitland top. PUH.
4. **Plug #2 (Kirtland and Ojo Alamo top, 858' – 723')**: Mix and pump 6 sxs Class B cement and spot a balanced plug inside casing to cover the Kirtland and Ojo Alamo top. PUH.
5. **Plug #3 (8-5/8" Surface Casing shoe, 170' to Surface)**: Mix and pump 7 sxs Class B cement and spot a balanced plug inside casing to cover the surface casing shoe to surface. Shut in well and WOC.
6. 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.



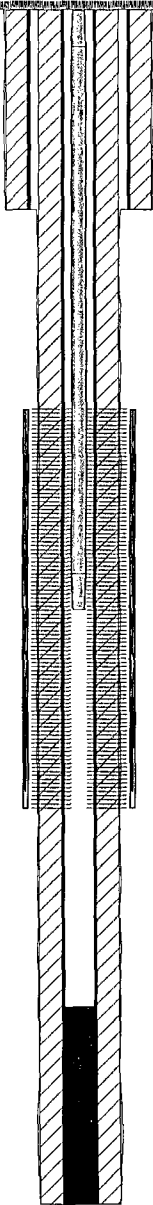
XTO - Wellbore Diagram

Current

Well Name: Heaton 24

API/UWI	E/W Dist (ft)	E/W Ref	N/S Dist (ft)	N/S Ref	Location	Field Name	County	State/Province
30045206680000	990.0	FWL	1,500.0	FNL	T31N-R11W-S30	Aztec Pictured Cliffs	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	77801	5,923.00	5,912.00	11.00	8/25/1970	Original Hole - 2566.0	2,580.0	Flowing

Well Config: Vertical - Original Hole, 6/27/2014 3:14:00 PM

Schematic - Actual		Incl	ftKB (TVD)	ftKB (MD)	Zones							
					Zone	Top (ftKB)	Btm (ftKB)					
					Pictured Cliffs	2,386.0	2,416.0					
				Casing Strings								
		Casing Description		OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)				
		Surface		8 5/8	24.00	K-55		120.0				
		Casing Description		OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)				
		Production		2 7/8	6.40	J-55		2,580.0				
				Cement								
		Description		Type	String							
		Surface Casing Cement		casing	Surface, 120.0ftKB							
		Comment										
		Cmt'd Csg w/85 sx CL A Cmt w/0.25# Gel Flake per sx & 3% CaCl2. Circ 7 bbls cmt to surf.										
		Description		Type	String							
		Production Casing Cement		casing	Production, 2,580.0ftKB							
		Comment										
		Cmt'd Csg w/235 sx CL C Cmt w/8% Gel. Tailed in w/50 sx CL C Neat Cmt. Did not circ cmt.										
				Perforations								
		Date		Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Hole Diameter (in)	Phasing (°)	Curr... Status	Zone		
		9/21/1970		2,386.0	2,416.0	3.0				Pictured Cliffs		
				Tubing Strings								
		Tubing Description		Run Date	Set Depth (ftKB)							
		Tubing - Production		4/27/1971	2,404.0							
				Tubing Components								
		Item Description		Jts	Model	OD (in)	Wt (lbs/ft)	Gra...	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)
		Tubing				1 1/4	2.40	J-55		2,393.00	11.0	2,404.0
				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)		
				Stimulations & Treatments								
		Frac Start Date		Top Perf (ft...)	Bottom Pe...	V (slurry) (...)	Total Prop...	AIR (b...	ATP (psi)	MTP (psi)	ISIP (psi)	
		9/21/1970		2386	2416							
		Comment										
		F. w/28,160 Gal WtR w/2.5# FR-16 Per 1,000 Gal carrying 30,000# 10-20 SD. Drpd 30 BS after Pmpg 20,000# SD. MAX TP 3,000 PSIG. MIN TP 2,700 PSIG. ATP 2,800 PSIG. AIR 30 BPM. ISIP 300 PSIG.										

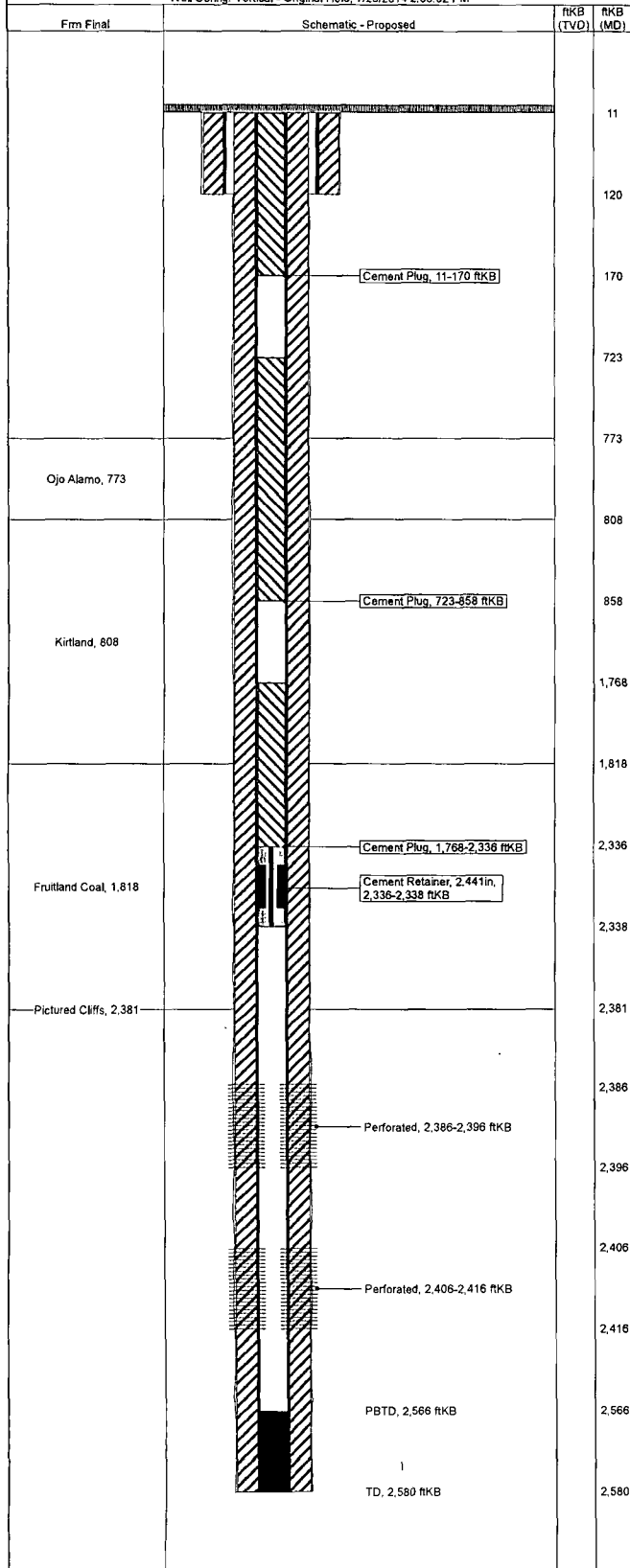


XTO - Proposed P&A Wellbore Diagram

Well Name: Heaton 24

API/UWI	E/W Dist (ft)	E/W Ref	N/S Dist (ft)	N/S Ref	Location	Field Name	County	State/Province
30045206680000	990.0	FWL	1,500.0	FNL	T31N-R11W-S30	Aztec Pictured Cliffs	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	77801	5,923.00	5,912.00	11.00	8/25/1970	Original Hole - 2566.0	2,580.0	Flowing

Well Config: Vertical - Original Hole, 7/29/2014 2:36:02 PM



Zones						
Zone		Top (ftKB)		Btm (ftKB)		
Pictured Cliffs		2,386.0		2,416.0		
Casing Strings						
Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)	
Surface	8 5/8	24.00	K-55		120.0	
Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)	
Production	2 7/8	6.40	J-55		2,580.0	
Cement						
Description	Type			String		
Surface Casing Cement	casing			Surface, 120.0ftKB		
Comment						
Cmt'd Csg w/85 sx CL A Cmt w/0.25# Gel Flake per sx & 3% CaCl2. Circ 7 bbls cmt to surf.						
Description	Type			String		
Production Casing Cement	casing			Production, 2,580.0ftKB		
Comment						
Cmt'd Csg w/235 sx CL C Cmt w/8% Gel. Tailed in w/50 sx CL C Neat Cmt. Did not circ cmt.						
Description	Type			String		
Cement Plug	plug			Production, 2,580.0ftKB		
Comment						
Plug 1: Pump 18 sx fr/2,336'-1,768'.						
Description	Type			String		
Cement Plug	plug			Production, 2,580.0ftKB		
Comment						
Plug 2: Pump 6 sx fr/858'-723'.						
Description	Type			String		
Cement Plug	plug			Production, 2,580.0ftKB		
Comment						
Plug 3: Pump 7 sx fr/170'- surf.						
Other In Hole						
Description			OD (in)	Top (ftKB)		
Cement Retainer			2.441	2,336.0		
Perforations						
Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Hole Diameter (in)	Phasing (")	Zone
9/21/1970	2,386.0	2,396.0	3.0			Pictured Cliffs
9/21/1970	2,406.0	2,416.0	3.0			Pictured Cliffs