

Submit 1 Copy To Appropriate District Office  
District I - (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II - (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV - (505) 476-3460  
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  
Revised July 18, 2013

WELL API NO. 30-045-25891	
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name HARE GAS COM I	
8. Well Number #001	
9. OGRID Number 5380	
10. Pool name or Wildcat OTERO CHACRA	
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 E : 1450 feet from the NORTH line and 1135 feet from the WEST line Section 23 Township 29N Range 11W NMPM County SAN JUAN	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5467	

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 ☐  
CLOSED-LOOP SYSTEM ☐  
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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

XTO Energy Inc. intends to plug and abandon this well per the attached procedure and wellbore diagrams.

\* adjust PC plug to 1657'-1757'

Notify NMOCD 24 hrs  
prior to beginning  
operations

OIL CONS. DIV DIST. 3

JUL 22 2016

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 Dolena Johnson TITLE Sr. Regulatory Analyst DATE 07/22/2016

Type or print name Dolena Johnson E-mail address: dee\_johnson@xtoenergy.com PHONE: 505-333-3164

For State Use Only

APPROVED BY: [Signature] TITLE DEPUTY OIL & GAS INSPECTOR DATE 7/28/16

Conditions of Approval (if any):

KC  
4

ML \_\_\_\_\_  
MTG \_\_\_\_\_  
Approved \_\_\_\_\_

**Hare Gas Com I#1 P&A**  
**AFE# 1603000**  
API: 30-045-25891  
Section 23, T29N, R11W  
San Juan County, New Mexico

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 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. 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.
3. Rods: Yes \_\_\_\_\_, No X, Unknown \_\_\_\_\_.  
Tubing: Yes X, No \_\_\_\_\_, Unknown \_\_\_\_\_, Size 2-3/8", Length 2,821'.  
Packer: Yes \_\_\_\_\_, No X, Unknown \_\_\_\_\_, Type \_\_\_\_\_.  
If this well has rods or a packer, then modify the work sequence as appropriate.  
Round trip 4.5" gauge ring or casing scraper to 2,450' or as deep as possible.
4. Load hole with treated water, TOH 2-3/8", 4.7#, J-55 tbg.
5. **Plug #1 (Chacra perforations and top, 2,674' – 2,450')**: RIH and set 4.5" cement retainer at 2,674'. TIH tubing and pressure test 1000 PSI. Circulate well clean. Attempt to pressure test casing to 800 PSI. If casing does not test then spot or tag subsequent plugs as appropriate. Mix 21 sxs Class B cement inside casing to cover the Chacra perforations and top. PUH.  
1757' - 1657'
6. **Plug #2 (Pictured Cliffs top, ~~1,870' - 1,770'~~)**: Spot 12 sxs Class B and spot a balanced plug inside casing to cover the Pictured Cliffs top. PUH.
7. **Plug #3 (Fruitland top, 1,125' – 1,025')**: Spot 12 sxs Class B and spot a balanced plug inside casing to cover the Fruitland top. TOH.
8. **Plug #4 (Kirtland, Ojo Alamo tops, shoe 738' – 0')**: Mix approximately 60 sxs Class B cement and pump down tubing. TOH tubing Shut in well and WOC.
9. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

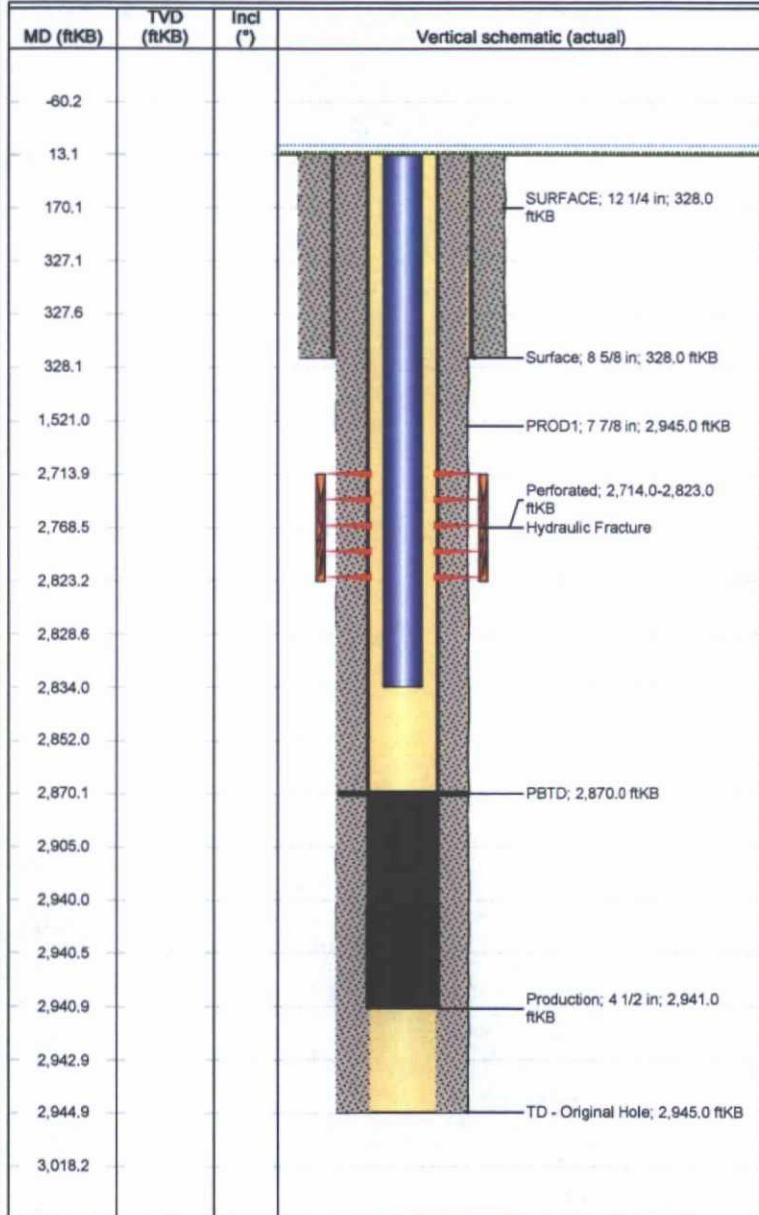




## Downhole Well Profile - with Schematic

Well Name: Hare Gas Com I 01

API/UWI 30045258910000	XTO Accounting ID 70407	Permit Number	State/Province New Mexico	County San Juan
Location T29N-R11W-S23	Spud Date 4/14/1984 00:00	Original KB Elevation (ft) 5,480.00	Ground/Corrected Ground Elevation (ft) 5,467.00	KB-Ground Distance (ft) 13.00



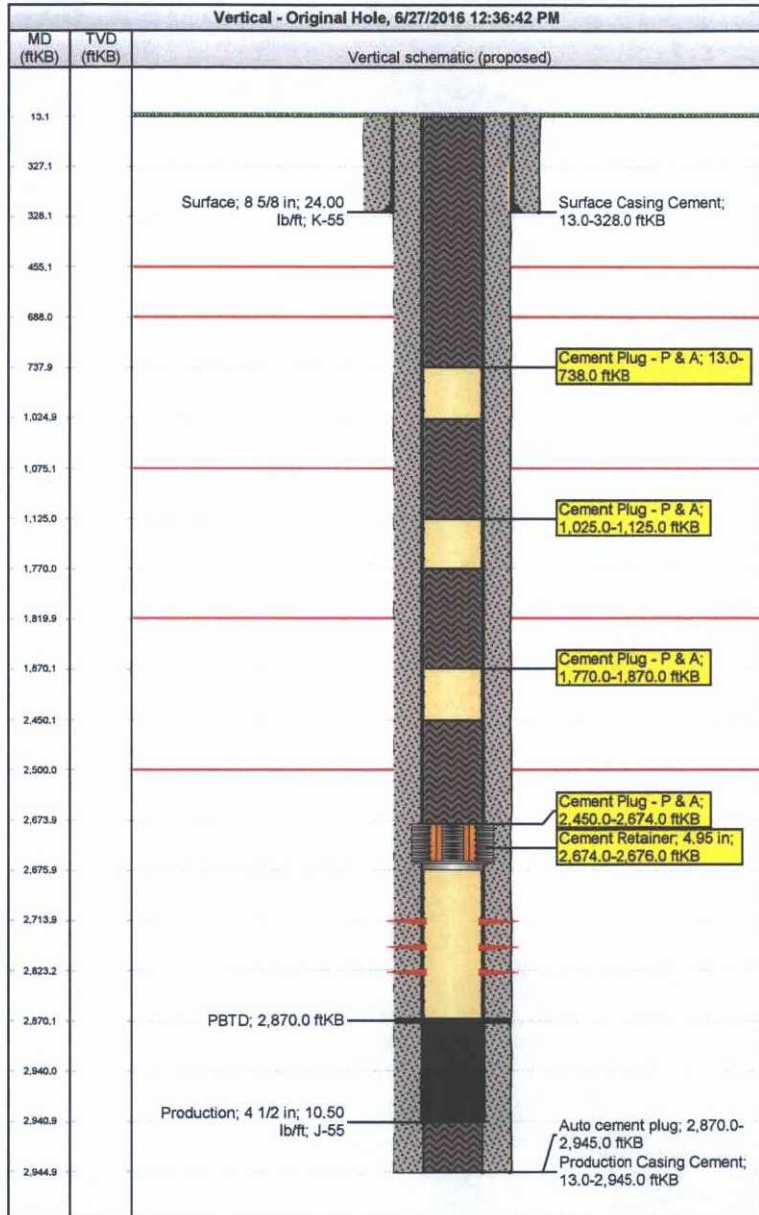
Wellbores													
Wellbore Name Original Hole		Parent Wellbore Original Hole			Wellbore API/UWI 30045258910000								
Start Depth (ftKB) 13.0		Profile Type			Kick Off Depth (ftKB)								
Section Des		Size (in)		Act Top (ftKB)		Act Btm (ftKB)							
SURFACE		12 1/4		13.0		328.0							
PROD1		7 7/8		328.0		2,945.0							
Zones													
Zone Name		Top (ftKB)		Btm (ftKB)		Current Status							
Chacra		2,714.0		2,823.0									
Casing Strings													
Csg Des		Set Depth (ftKB)		OD (in)		Wt/Len (lb/ft)		Grade					
Surface		328.0		8 5/8		24.00		K-55					
Production		2,941.0		4 1/2		10.50		J-55					
Cement													
Des		Type			String								
Surface Casing Cement		Casing			Surface, 328.0ftKB								
Production Casing Cement		Casing			Production, 2,941.0ftKB								
Tubing Strings													
Tubing Description Tubing - Production		Run Date 5/23/1984			Set Depth (ftKB) 2,834.0								
Item Des		OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)					
Tubing		2 3/8	4.70	J-55		2,821.00	13.0	2,834.0					
Rod Strings													
Rod Description		Run Date			Set Depth (ftKB)								
Item Des		OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)					
Other In Hole													
Run Date		Des		OD (in)		Top (ftKB)		Btm (ftKB)					
Perforations													
Date		Top (ftKB)		Btm (ftKB)		Zone							
5/23/1984		2,714.0		2,823.0		Chacra, Original Hole							
Stimulations & Treatments													
Frac #		Top Perf (ftKB)		Bottom Perf (ftKB)		AIR (bbl/min)		MIR (bbl/min)		TWP (bbl)		Total Proppant (lb)	



## XTO - Proposed P&A Wellbore Diagram

Well Name: Hare Gas Com I 01

API/UWI 30045258910000	XTO Accounting ID 70407	Permit Number	State/Province New Mexico	County San Juan
Location T29N-R11W-S23	Spud Date 4/14/1984 00:00	Original KB Elevation (ft) 5,480.00	Ground/Corrected Ground Elevation (ft) 5,467.00	KB-Ground Distance (ft) 13.00



Formations				
Formation Name	Final Top MD (ftKB)		Final Bottom MD (ftKB)	
Ojo Alamo	455.0		688.0	
Formation Name	Final Top MD (ftKB)		Final Bottom MD (ftKB)	
Kirtland	688.0		1,075.0	
Formation Name	Final Top MD (ftKB)		Final Bottom MD (ftKB)	
Fruitland Coal	1,075.0		1,820.0	
Formation Name	Final Top MD (ftKB)		Final Bottom MD (ftKB)	
Pictured Cliffs	1,820.0		2,500.0	
Formation Name	Final Top MD (ftKB)		Final Bottom MD (ftKB)	
Chacra	2,500.0			
Wellbores				
Wellbore Name		Parent Wellbore		
Original Hole		Original Hole		
Start Depth (ftKB)		Profile Type	Kick Off Depth (ftKB)	
13.0				
Casing Strings				
Csg Des	Set Depth (ftKB)	OD (in)	Wt/Len (lb/ft)	Grade
Surface	328.0	8 5/8	24.00	K-55
Production	2,941.0	4 1/2	10.50	J-55
Cement				
Des	Type	String	Com	
Surface Casing Cement	Casing	Surface, 328.0ftKB	circ cmt to surf	
Production Casing Cement	Casing	Production, 2,941.0ftKB	circ 100 sx cmt to surf	
Cement Plug - P & A	Plug	Production, 2,941.0ftKB	Plug 3: Pump 12 sx fr/1,125' - 1,025'.	
Cement Plug - P & A	Plug	Production, 2,941.0ftKB	Plug 4: Pump 60 sx fr/ 738' - surface	
Cement Plug - P & A	Plug	Production, 2,941.0ftKB	Plug 1: Pump 21 sx fr/2,674' - 2,450'.	
Cement Plug - P & A	Plug	Production, 2,941.0ftKB	Plug 2: Pump 12 sx fr/1,870' - 1,770'.	
Perforations				
Date	Top (ftKB)	Btm (ftKB)	Zone	
5/23/1984	2,714.0	2,823.0	Chacra, Original Hole	
Other In Hole				
Des	OD (in)	Top (ftKB)	Btm (ftKB)	
Cement Retainer	4.95	2,674.0	2,676.0	