

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. 30-045-09124
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: ROWLAND GAS COM
8. Well Number #1
9. OGRID Number 5380
10. Pool name or Wildcat BASIN DAKOTA

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	7. Lease Name or Unit Agreement Name: ROWLAND GAS COM
2. Name of Operator XTO ENERGY INC.	8. Well Number #1
3. Address of Operator 382 CR 3100 AZTEC, NM 87410	9. OGRID Number 5380
4. Well Location Unit Letter P : 1030 feet from the SOUTH line and 910 feet from the EAST line Section 25 Township 30N Range 12W NMPM NMPM County SAN JUAN	10. Pool name or Wildcat BASIN DAKOTA
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5652' GR	

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 ☒ OIL CONS. DIV DIST. 3
OCT 22 2014

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.

Notify NMOCD 24 hrs
prior to beginning
operations

Add plug from 3650' - 3750 to cover MU top

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 LEAD REGULATORY ANALYST DATE 10/21/2014
sherry_morrow@xtoenergy.com
Type or print name SHERRY J. MORROW E-mail address: sherry_morrow@xtoenergy.com PHONE 505-333-3630

For State Use Only

APPROVED BY Red Redd TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 3 DATE 11/4/14
Conditions of Approval (if any):

20

5

ML _____
MTG _____
Approved _____

Rowland GC #1 P&A
AFE# 1408519

Basin Dakota (September 18, 2014)

API: 30-045-09124

910' FEL and 1,030' FSL, Section 25, T30N, R12W
San Juan County, New Mexico / API 30-045-09124

Lat: N _____ / Lat: W _____

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 6,155'.
Packer: Yes _____, No X, Unknown _____, Type _____.
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.
Round trip 4.5" gauge ring or casing scraper to 6071' or as deep as possible.
4. Load hole with treated water, TOH with 2-3/8" tbgr. Run CBL from CIBP @6,318' to surface. Casing leak isolated from 3,706'-4,496' (3,706'-3,970' leak @2.0 bpm @350 psi, 3,970'-4,496' leak 500-300 psi in 2 minutes). Depending on TOC determined from CBL, plugs will need to be adjusted accordingly.
5. **Plug #1 (Dakota perforations and top, 6,318' – 6,218')**: TIH tubing and Pressure test tubing to 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 12 sxs Class B cement inside casing to cover the Dakota perforations and top. PUH.
6. **Plug #2 (Gallup top, 5,500' – 5,400')**: Spot 12 sxs Class B and spot a balanced plug inside casing to cover the Gallup top. PUH.
7. **Plug #3 (Mancos top, 4,515' – 4,415')**: Spot 12 sxs Class B and spot a balanced plug inside casing to cover the Mesaverde top. TOH.
8. **Plug #4 (Chacra Mesaverde top, 3,490' – 3,390')**: Perforate 3 squeeze holes at 3,490'. Establish rate into squeeze holes. Set 4.5" cement retainer at 3,440'. Mix 51 sxs Class B cement squeeze 39 sxs outside casing and leave 12 sxs inside casing to cover Mesaverde top. PUH.

9. **Plug #5 (Pictured Cliffs top, 1,910' – 1,810')**: Spot 12 sxs Class B and spot a balanced plug inside casing to cover the Pictured Cliffs top. PUH.
10. **Plug #6 (Fruitland top, 1,370' – 1,270')**: Spot 12 sxs Class B and spot a balanced plug inside casing to cover the Fruitland top. TOH.
11. **Plug #7 (Kirtland, Ojo Alamo tops, and 8-5/8" shoe 575' – 0')**: Perforate 3 squeeze holes at 575'. Establish circulation out bradenhead with water and circulate the BH annulus clean. Mix approximately 282 sxs Class B cement and pump down 4.5" casing 234 sxs outside casing to circulate good cement out bradenhead. Shut in well and WOC.
12. 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.



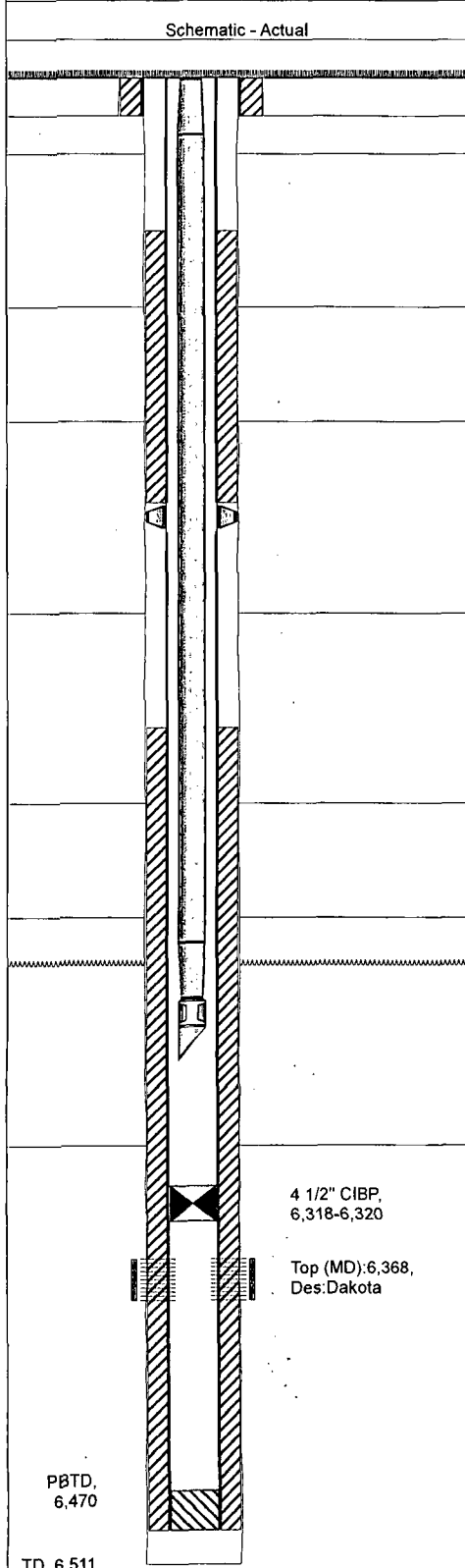
XTO - Wellbore Diagram

Current

Well Name: Rowland Gas Com 01

API/UWI	E/W Dist (ft)	E/W Ref	N/S Dist (ft)	N/S Ref	Location	Field Name	County	State/Province
30045091240000	910.0	FEL	1,030.0	FSL	T30N-R12W-S25	Basin Dakota	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	70915	5,665.00	5,653.00	12.00	12/27/1962	Original Hole - 6470.0	6,511.0	Plunger Lift

Well Config: Vertical - Original Hole, 9/19/2014 8:29:07 AM



Zones									
Zone		Top (ftKB)		Btm (ftKB)					
Dakota		6,368.0		6,380.0					
Casing Strings									
Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB...				
Surface	8 5/8	24.00	J-55		365.0				
Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB...				
Production	4 1/2	10.50	J-55		6,508.0				
Item Description	OD (in)	Wt (lbs/ft)	Grade	Top (ftKB)	Bottom (ftKB)				
DV Tool	4 1/2			2,010.0	2,011.0				
Cement									
Description	Type			String					
Surface Casing Cement	casing			Surface, 365.0ftKB					
Comment									
Cmt'd w/220sx class "C" cmt w/2% CACL2. Circ 50sx to surf.									
Description	Type			String					
Production Casing Cement	casing			Production, 6,508.0ftKB					
Comment									
Cmt'd 1st stage w/500 sx cmt w/4% gel, 1-1/2#/sx MTP + 100sx neat cmt. Cmt'd 2nd stage w/500sx cmmt w/4% gel. TOC UNKNOWN									
Perforations									
Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Hole Diameter (in)	Phasing (°)	Curr... Status	Zone		
1/23/1963	6,368.0	6,380.0					Dakota		
Tubing Strings									
Tubing Description			Run Date			Set Depth (ftKB)			
Tubing - Production			9/11/2014			6,155.1			
Tubing Components									
Item Description	Jts	Model	OD (in)	Wt (lbs/...	Gra...	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	194	T&C Upset	2 3/8	4.70	J-55		6,142.00	12.0	6,154.0
Seat Nipple	1		2 3/8				0.70	6,154.0	6,154.7
Mule Shoe Guide	1		2 3/8				0.40	6,154.7	6,155.1
Stimulations & Treatments									
Frac Start Date	Top Perf (ft...	Bottom Pe...	V (slurry) (...)	Total Prop...	AIR (b...	ATP (psi)	MTP (psi)	ISIP (psi)	
1/23/1963	6368	6380							
Comment									
F. DK Perfs w/38,500 gals gelled wtr (w/7#/1000 gals J-2 & 20#/1000 gals F-4) 30,000# 20/40 SD @ 35 BPM & 2800 psig. ISIP 1700 psig. 5" gals SIP 1400 psig. 10" SIP 1225.									

OIL CONS. DIV DIST. 3

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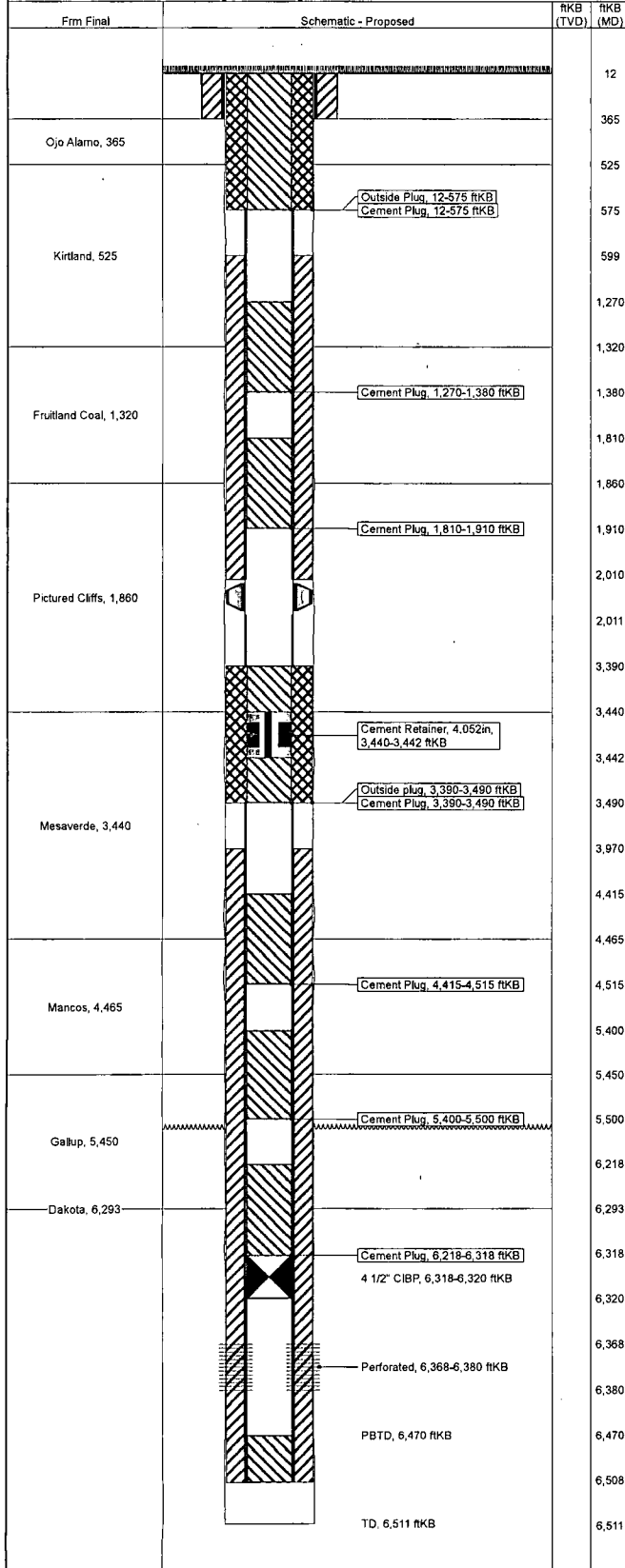


XTO - Proposed P&A Wellbore Diagram

Well Name: Rowland Gas Com 01

API/UWI 30045091240000	EW Dist (ft) 910.0	EW Ref FEL	N/S Dist (ft) 1,030.0	N/S Ref FSL	Location T30N-R12W-S25	Field Name Basin Dakota	County San Juan	State/Province New Mexico
Well Configuration Type Vertical	XTO ID B 70915	Orig KB Elev (ft) 5,665.00	Gr Elev (ft) 5,653.00	KB-Grd (ft) 12.00	Spud Date 12/27/1962	PBTD (All) (ftKB) Original Hole - 6470.0	Total Depth (ftKB) 6,511.0	Method Of Production Plunger Lift

Well Config: Vertical - Original Hole, 9/19/2014 7:44:50 AM



Zones						
Zone		Top (ftKB)		Btm (ftKB)		
Dakota		6,368.0		6,380.0		
Casing Strings						
Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftK..	
Surface	8 5/8	24.00	J-55		365.0	
Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftK..	
Production	4 1/2	10.50	J-55		6,508.0	
Item Description	OD (in)	Wt (lbs/ft)	Grade	Top (ftKB)	Bottom (ftKB)	
DV Tool	4 1/2			2,010.0	2,011.0	
Cement						
Description	Type			String		
Surface Casing Cement	casing			Surface, 365.0ftKB		
Comment						
Cmt'd w/220sx class "C" cmt w/2% CACL2. Circ 50sx to surf.						
Description	Type			String		
Production Casing Cement	casing			Production, 6,508.0ftKB		
Comment						
Cmt'd 1st stage w/500 sx cmt w/4% gel, 1-1/2#/sx MTP + 100sx neat cmt. Cmt'd 2nd stage w/500sx cmmt w/4% gel. TOC UNKNOWN						
Description	Type			String		
Cement Plug	plug			Production, 6,508.0ftKB		
Comment						
Plug 1: Pump 12 sx f/6,318' - 6,218'.						
Description	Type			String		
Cement Plug	plug			Production, 6,508.0ftKB		
Comment						
Plug 2: Pump 12 sx f/5,500' - 5,400'.						
Description	Type			String		
Cement Plug	plug			Production, 6,508.0ftKB		
Comment						
Plug 3: Pump 12 sx f/4,515' - 4,415'.						
Description	Type			String		
Cement Plug	plug			Production, 6,508.0ftKB		
Comment						
Plug 4: (inside): Pump 12 sx f/3,490' - 3,390'.						
Description	Type			String		
Cement Plug	plug			Production, 6,508.0ftKB		
Comment						
Plug 5: Pump 12 sx f/1,910' - 1,810'.						
Description	Type			String		
Cement Plug	plug			Production, 6,508.0ftKB		
Comment						
Plug 6: Pump 12 sx f/1,370' - 1,270'.						
Description	Type			String		
Cement Plug	plug			Production, 6,508.0ftKB		
Comment						
Plug 7 (inside): Pump 48 sx f/575' to surf.						
Description	Type			String		
Cement Plug	squeeze			Production, 6,508.0ftKB		
Comment						
Plug 4 (outside): Pump 39 sx f/3,490' - 3,390'.						
Description	Type			String		
Cement Plug	squeeze			Production, 6,508.0ftKB		
Comment						
Plug 7 (outside): Pump 234 sx f/575' to surf.						
Other In Hole						
Description			OD (in)	Top (ftKB)		
Cement Retainer			4.052	3,440.0		
4 1/2" CIBP				6,318.0		
Perforations						
Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Hole Diameter (in)	Phasing (")	Zone
1/23/1963	6,368.0	6,380.0				Dakota

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