

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. <b>30-045-29706</b>
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: <b>ROWLAND GAS COM A</b>
8. Well Number <b>#1</b>
9. OGRID Number <b>5380</b>
10. Pool name or Wildcat <b>Basin FC / AZTEC PC</b>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>5613' GR</b>

**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: <b>ROWLAND GAS COM A</b>
2. Name of Operator <b>XTO ENERGY INC.</b>	8. Well Number <b>#1</b>
3. Address of Operator <b>382 CR 3100 AZTEC, NM 87410</b>	9. OGRID Number <b>5380</b>
4. Well Location Unit Letter <b>A</b> : <b>1185</b> feet from the <b>NORTH</b> line and <b>1270</b> feet from the <b>EAST</b> line Section <b>25</b> Township <b>30N</b> Range <b>12W</b> NMPM <b>NMPM</b> County <b>SAN JUAN</b>	10. Pool name or Wildcat <b>Basin FC / AZTEC PC</b>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>5613' GR</b>	

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.

\* Provides COL to OCD for review prior to cementing  
\* Extend Op. Allow/Kindland plug to 585-320 ft

OIL CONS. DIV DIST. 3  
MAY 19 2014

Notify NMOCD 24 hrs  
prior to beginning  
operations

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 5/16/2014

Type or print name SHERRY J. MORROW E-mail address: sherry\_morrow@xtoenergy.com PHONE 505-333-3630

For State Use Only

APPROVED BY [Signature] TITLE Deputy Oil & Gas Inspector, District #3 DATE 6/4/14

Conditions of Approval (if any):

AV

5

**Rowland Gas Com A #1  
Sec 25, T 30 N, R 12 W  
San Juan County, New Mexico  
5/5/2014**

**Plug and Abandon Procedure**

**AFE Number:** 1404446 (PC), 1404448 (FC)  
**Spud Date:** 9/17/1999  
**Surface Casing:** 7", 20#, J-55 csg @ 219'. Cmt'd w/100 sx. Circ 25 sx to surf.  
**Production Casing:** 4-1/2", 10.5#, J-55 csg @ 2,000'. Cmt'd w/150 sx. Did not circ cmt to surf.  
*Capacity: .0159 bbls/ft or .6699 gal/ft*  
**Production Tubing:** 2-3/8" string  
**Rod String:** 3/4" string  
**Pump:** 1-1/4" insert pump  
**Perforations:** Fruitland Coal: 1,804' – 1,822'  
Pictured Cliffs: 1,861' – 1,875'  
**PBTD:** 1,942'  
**Recent Production:** INA since 12/30/2011. 0 mcfpd, 0 bwpd (downhole failure).

*\*Notify NMOCD & BLM 24 hours prior to beginning plugging operations\**

1. Check for COA's and approved NOI before beginning operations.
2. Test rig anchors.
3. Set flowback tank.
4. MIRU completion rig. Review JSA.
5. Kill well.
6. TOH & LD rods and pump.
7. ND WH. NU & FT BOP.
8. TOH tubing.
9. TIH 3-7/8" bit & 3-7/8" string mill to 1,804'. TOH.
10. TIH 4-1/2" CR and set @ ±1,754'. PT tubing. Sting out of CR and circulate hole clean.

11. PT casing and CR to 550 psig. If casing does not test, contact engineer.
12. MIRU WLU. Review JSA. RIH with CBL/CCL log. Log from  $\pm 1,754'$  to surface. Correlate to Gamma Ray/CCL log dated 4/4/2000. Send CBL to engineer.

*\*Plugs may need altered based off CBL results. Contact engineer with changes.\**

13. RDMO WLU.
14. MIRU cement truck. Review JSA.
15. **Perforation Isolation & Fruitland Coal Top Plug (1,754' – 1,267')**: Pump 45 sx Class "B" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing and spot a balanced plug from 1,754' – 1,267' (volume calculated with 50' excess).
16. **Kirtland & Ojo Alamo Top Plug (560' – 345')**: Pump 25 sx Class "B" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing and spot a balanced plug from 560' – 345' (volume calculated with 50' excess).
17. **Surface Plug (269' – Surface)**: Pump 25 sx Class "B" cement (15.6 ppg, 1.18 cuft/sx yield) down tubing and spot a balanced plug from 269' – Surface (volume calculated with 50' excess).
18. TOH & LD tubing.
19. RDMO cement truck.
20. WOC 4 hours.
21. Cut off WH. Fill in casing as needed with cement. Install above ground P&A marker.
22. Cut off anchors and reclaim location.

## Checklist

### Regulatory:

1. NOI to P&A on form C-103 & 3160-5
2. Submit a post-work sundry on form C-103 & 3160-5 which details the P&A work and location work within 30 days of completing all required restoration work.

### Equipment:

1. 1 flowback tank
2. If tbg doesn't PT, 1,810' 2-3/8" workstring
3. 4-1/2" cement retainer
4. 3-7/8" string mill
5. 95 sx Class "B" cement
6. 1 above ground marker

### Services:

1. Completion rig
2. Cement truck
3. Wireline Unit



## XTO - Wellbore Diagram

Current

Well Name: Rowland Gas Com A 01

API/UWI	E/W Dist (ft)	E/W Ref	N/S Dist (ft)	N/S Ref	Location	Field Name	County	State/Province
30045297060000	1,270.0	FEL	1,185.0	FNL	T30N-R12W-S25	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	71714	5,617.00	5,613.00	4.00	9/17/1999	Original Hole - 1942.0	2,000.0	Beam

Well Config: Vertical - Original Hole, 5/15/2014 11:35:11 AM

## Zones

Zone	Top (ftKB)	Btm (ftKB)
Fruitland Coal	1,804.0	1,822.0
Pictured Cliffs	1,861.0	1,875.0

## Casing Strings

Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)
Surface	7	20.00	J-55		219.0
Production	4 1/2	10.50	J-55		2,000.0

## Cement

Description	Type	String
Surface Casing Cement	casing	Surface, 219.0ftKB
Comment		

Description	Type	String
Production Casing Cement	casing	Production, 2,000.0ftKB
Comment		
TOC 274' by TS.		

## Perforations

Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Hole Diameter (in)	Phasing (*)	Curr... Status	Zone
7/1/2009	233.0	274.0		0.320			
10/7/2000	1,804.0	1,822.0	3.0	0.450	120		Fruitland Coal
4/4/2000	1,861.0	1,875.0		0.320			Pictured Cliffs

## Tubing Strings

Tubing Description	Run Date	Set Depth (ftKB)
Tubing - Production	11/1/2010	1,901.8

## Tubing Components

Item Description	Jts	Model	OD (in)	Wt (lbs/ft)	Gra...	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	48	T&C Upset	2 3/8	4.70	J-55	8RD EUE	1,876.66	4.0	1,880.7
Seat Nipple	1		2 3/8			8RD EUE	1.10	1,880.7	1,881.8
OEMA	1		2 3/8	4.70	J-55	8RD EUE	20.00	1,881.8	1,901.8

## Rods

Rod Description	Run Date	String Length (ft)	Set Depth (ftKB)
Insert Pump	11/1/2010	1,901.00	1,892.0

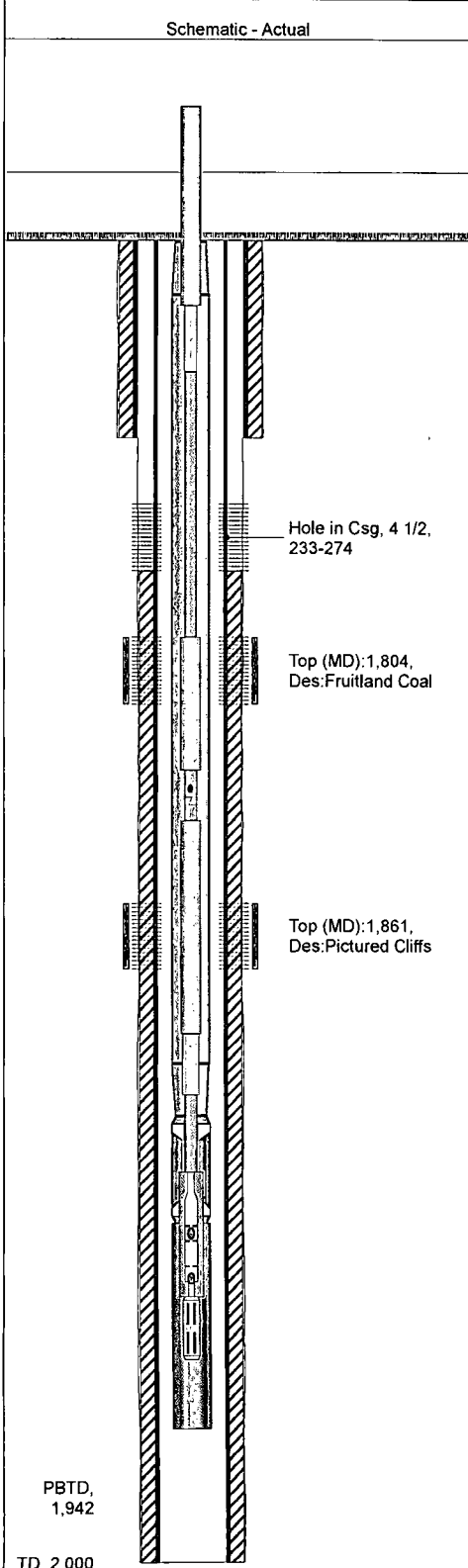
## Rod Components

Item Description	Jts	Model	OD (in)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Sinker Bar	1		1 1/4	K	16.00	-9.0	7.0
Rod Sub	3		3/4	D	22.00	7.0	29.0
Sucker Rod	71		3/4	D	1,775.00	29.0	1,804.0
Sinker Bar	2		1 1/4	K	50.00	1,804.0	1,854.0
Shear Tool - 21K	1		3/4		0.50	1,854.0	1,854.5
Sinker Bar	1		1 1/4	K	25.00	1,854.5	1,879.5
Lift Sub	1		1		1.00	1,879.5	1,880.5
Spiral Rod Guide	1		3/4		0.50	1,880.5	1,881.0
Rod Insert Pump	1		1 1/2		10.00	1,881.0	1,891.0
Strainer Nipple	1		1		1.00	1,891.0	1,892.0

## Stimulations &amp; Treatments

Frac Start Date	Top Perf (ft...)	Bottom Pe...	V (slurry) (...)	Total Prop...	AIR (b...	ATP (psi)	MTP (psi)	ISIP (psi)
4/5/2000	1861	1875			20	1,400.0	2,40...	700.0
Comment								

Frac Start Date	Top Perf (ft...)	Bottom Pe...	V (slurry) (...)	Total Prop...	AIR (b...	ATP (psi)	MTP (psi)	ISIP (psi)
10/10/2000	1804	1822			40	2,432.0	2,89...	1,550.0
Comment								



Rowland Gas Com A #1  
Sec 25, T 30 N, R 12 W  
San Juan County, New Mexico

Proposed P&A Diagram

