

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

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

Form C-103
May 27, 2004

WELL API NO. **30-045-09814** DIST. **3**
5. Indicate Type of Lease
STATE ☐ FEE ☒
6. State Oil & Gas Lease No.

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 ☐ Gas Well ☒ Other
2. Name of Operator
XTO Energy Inc.
3. Address of Operator
2700 Farmington Ave., Bldg. K. Ste 1 Farmington, NM 87401
4. Well Location
Unit Letter **P** : **990** feet from the **SOUTH** line and **990** feet from the **EAST** line
Section **4** Township **30N** Range **11W** NMPM County **SAN JUAN**
11. Elevation (Show whether DR, RKB, RT, GR, etc.)
5615' GL
Pit or Below-grade Tank Application ☐ or Closure ☐
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

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 COMPLETION ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☒
CASING TEST AND 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. plugged & abandoned this well per the attached report.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐

SIGNATURE *Lorri D. Bingham* TITLE **REGULATORY COMPLIANCE TECH** DATE **1/11/07**

Type or print name **LORRI D. BINGHAM** E-mail address: **lorri_bingham@xtoenergy.com** Telephone No. **505-324-1090**

For State Use Only

APPROVED BY *Monica Kuchling* TITLE **Deputy Oil & Gas Inspector, District #3** DATE **7-10-07**

Conditions of Approval, if any:

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979

Farmington, New Mexico 87499

505-325-2627 * fax: 505-325-1211

XTO Energy Inc.

Ona Magee #1

December 7, 2006

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990' FSL & 990' FEL, Section 4, T-30-N, R-11-W

San Juan County, NM

Lease Number: Fee

API #30-045-09814

Plug and Abandonment Report

Notified NMOCD / BLM on 11/13/06

Work Summary:

11/13/06 MOL.

11/14/06 RU. Check well pressures: tubing, 650 PSI; 4.5" casing, 650 PSI; bradenhead, 80 PSI. Blow well down to ISI pressure of 150 PSI. Pump 30 bbls of water down casing. Pressure returned. Pump 30 bbls of water down casing. ND wellhead. Rust on bolts required cutting with hacksaw for removal. Pins holding tubing head donut difficult to back out. Unable to pull donut from tubing head. Pulled 55,000#. NU BOP. Shut in well. SDFD.

11/15/06 Check well pressures: tubing and casing, 300 PSI; bradenhead, 80 PSI. Blow well down to pit. ND BOP. RU WSI and extract donut from tubing head. NU BOP, test. Tally and TOH with 20 joints 1.5" non-upset 10 RD tubing. Pin broke off, last joint, fish is 1.5" tubing collar looking up. PU overshot with 2.20" grapple. TIH with 2.375" A-Plus tubing workstring. Tie on to fish at 718'. Pull 19,500# (string weight) and parted string. TOH with 22 joints tubing. Pin broke off last joint. Note: not upset 10 RD. Fish is 1.5" tubing collar looking up. PU overshot with 2.20" grapple. TIH with tubing from derrick. Tally 2.375" tubing from float. Tie on to fish at 1445'. RIH with 1.390" gauge ring. Unable to go past 2230'. Shut in well. SDFD.

11/16/06 RIH with 1.390" gauge ring with 18,000# on tubing string. Attempt and unable to go past 2230'. POH with 1.390" gauge ring. RIH with 1.230" gauge ring. Attempt and unable to go past 2230' with 18,000# on tubing string. RU pump to tubing. Pump 30 bbls while attempting to work pipe free, pulling up to 20,000# and slacking off. RIH with 1" jars on wireline. Attempt and unable to go past 2230'. Attempt to work pipe free, pulling up to 21,000#. Parted string. TOH with 2.375" tubing and LD overshot. TOH with 2 joints 1.5" non-upset tubing. Pin broke off last joint. Fish is 1.5" tubing collar looking up. PU overshot with 2.20" grapple. TIH with 2.375" tubing and tie on to fish at 1511'. Attempt to work string free; parted string at 22,000#. TOH with 10 joints 1.5" tubing. Pin broke off last joint. Fish is 1.5" tubing collar looking up. PU overshot with 2.20" grapple. TIH with 2.375" tubing. Tie on to fish at 1841'. Work fish free. TOH with 2.375" tubing. TOH with 73 joints 1.5" tubing. Shut in well. SDFD.

11/17/06 TOH with 72 joints 1.5" tubing. LD total 199 joints 1.5" tubing. RIH with 4.5" gauge ring to 6463'. RIH with 4.5" PlugWell CIBP and set at 6463'. RIH with workstring and tag CIBP at 6463'. Load hole with 45 bbls of water and circulate clean with 55 additional bbls. Shut in casing. Attempt to pressure test casing to 600 PSI, bled down to 200 PSI in 30 seconds.

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Work Summary – Continued:

Plug #1 with CIBP at 6463', spot 11 sxs Type III cement (15 cf) from 6463' up to 6301' to isolate the Dakota perforations.

PUH and WOC. Shut in well. SDFD.

11/20/06 Check well pressures: tubing, 0 PSI; casing, 0 PSI; bradenhead, 80 PSI. Blow down well to pit. TIH with tubing and tag cement at 6361'. PUH to 5530'. Load hole with 10 bbls of water. Attempt to pressure test casing to 700 PSI, bled down to 300 PSI in 1 minute.

Plug #2 spot 20 sxs Type III cement (27 cf) with 2% CaCl₂ inside casing from 5530' up to 5235' to cover the Gallup top.

PUH and WOC. TIH and tag cement at 5318'. PUH to 3710'. Load hole with 4 bbls of water. Attempt to pressure test casing to 600 PSI, bled down to 0 PSI in 30 seconds. Shut in well. SDFD.

11/21/06 Check well pressures: tubing, 0 PSI; casing, 0 PSI; bradenhead, 100 PSI. Blow down bradenhead to pit. Load hole with 5 bbls of water.

Plug #3 spot 25 sxs Type III cement (33 cf) with 2% CaCl₂ inside casing from 3710' up to 3342' to cover the Mesaverde top.

TOH with tubing. WOC. Load hole with 7 bbls of water. Pressure test casing to 800 PSI, held OK for 5 minutes. RIH and tag cement at 3370'. Perforate 3 holes at 2985'. Load hole with 2 bbls of water. Establish rate into squeeze holes 1 bpm at 600 PSI. TIH with 4.5" DHS CR and set at 2935'. Load tubing with water. Pressure test tubing to 1200 PSI, held OK for 5 minutes. Circulate 2 bbls out casing. Sting into CR. Establish rate 1 bpm at 700 PSI.

Plug #4 with CR at 2935', mix and pump 46 sxs Type III cement (61 cf), squeeze 39 sxs outside the casing and leave 7 sxs inside casing above CR up to 2832' to cover the Chacra top.

TOH with tubing. Load casing with ½ bbl of water. Circulate hole clean with an additional 45 bbls of water. TOH with tubing Shut in well. SDFD.

11/22/06 Check well pressures: tubing, 0 PSI; casing, 0 PSI, bradenhead, 102 PSI. Fill 2 gas sample bottles from bradenhead for analysis. Blow down bradenhead to pit. TIH with tubing and tag cement at 2825'. TOH. RU Black Warrior Wireline. Run CBL from 2800' to 1100'. Run second CBL from 2800' to 300' with 1000 PSI on casing. Determined cement in annulus broken down at approximately 1550'. RD Black Warrior Wireline. RU manifold to blow down bradenhead over weekend. Shut in well. SDFD.

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Work Summary – Continued:

11/27/06 Check well pressures: tubing, 0 PSI; casing, 0 PSI; bradenhead, 23 PSI. Blow down bradenhead to pit. Shut in bradenhead and monitor pressure. Increase 17 PSI at 5 minutes; 19 PSI at 10 minutes. Open well. TIH open-ended to 2155'. Load hole with 1 bbl of water.

Plug #5 spot 40 sxs Type III cement (53 cf) inside casing from 2155' up to 1565' to cover the Pictured Cliffs and Fruitland tops.

PUH to 1583'. Reverse circulate out ½ bbl cement. TOH with tubing. Perforate 3 holes at 1530'. Load casing with 3 bbls of water. Establish rate into squeeze holes 2 bpm at 400 PSI. Load hole with ½ bbl of water. Establish circulation out casing 1 bpm at 800 PSI. TIH with 4.5" DHS CR and set at 1480'. Pressure test tubing to 1400 PSI. Release and sting out of CR. Circulate 1 bbl out casing. Sting into CR. Establish rate 2 bpm at 500 PSI. Establish circulation out bradenhead with 3 bbls of water. Shut in bradenhead and monitor pressure.

Plug #6 with CR at 1480', mix and pump 80 sxs Type III cement (106 cf), squeeze 76 sxs outside the casing and leave 4 sxs inside casing above CR up to 1421'.

Bradenhead pressure rose to 400 PSI upon start of pumping cement. Left open during mixing and pumping cement. Closed bradenhead valve during displacement. 400 PSI on tubing and bradenhead; 700 PSI pump pressure at start of displacement; 450 PSI bradenhead pressure and 700 PSI pump pressure, final displacement. PUH. WOC overnight. Shut in well. SDFD.

11/28/06 Check well pressures: casing, 0 PSI; bradenhead, 142 PSI. Blow down bradenhead to pit. Shut in bradenhead and monitor pressure: increase 105 PSI at 5 minutes; 118 PSI at 10 minutes. Open well. RU Basin Wireline. Run CBL from 1400' to 300'. Cement in annulus to approximately 1100'. Run noise log from 1400' to 300'. Gas entrance points at 800' and 590'. RD Basin Wireline. Perforate 3 holes at 850'. Load casing with 3 bbls of water. Establish rate into squeeze 2 bpm at 600 PSI. TIH with 4.5" DHS CR and set at 800'. Load tubing with water. Pressure test tubing to 1500 PSI. Release and sting out of CR. Circulate 1 bbl of water out casing. Sting into CR. Establish rate 2 bpm at 700 PSI. Load hole with 20 bbls of water; no circulation out bradenhead.

Plug #7 with CR at 800', mix and pump 91 sxs Type III cement (121 cf) with 100% excess, 87 sxs, into the annulus and leave 4 sxs inside casing below CR. Partial returns out bradenhead. Shut in bradenhead while pumping last 20 sxs and displace. Pressure increased to 580 PSI on bradenhead. Final pump rate 1 bpm at 800 PSI. Sting out of CR. Load casing and circulate 10 bbls out tubing. TOH with tubing. Shut in well. SDFD.

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Work Summary – Continued:

11/29/06 Check well pressures: casing, 0 PSI; bradenhead, 223 PSI. Blow down bradenhead to pit. Shut in bradenhead. Monitor pressure: 112 PSI in 5 minutes; 138 PSI in 10 minutes. RU Basin Wireline. Run CBL from 800' to 200'. Good cement in annulus to 770'. RD Basin Wireline. Wait on orders. Perforate 3 holes at 750'. Load casing with 2 bbls of water. Establish rate into squeeze holes 2 bpm at 600 PSI. TIH with 4.5" DHS CR and set at 736'. Pressure test tubing to 1500 PSI. Release and sting out of CR. Circulate 1 bbl out casing. Sting into CR. Establish rate 3 bpm at 1500 PSI. Load hole with 50 bbls of water, 30% returns from bradenhead.

Plug #8 with CR at 736', mix and pump 200 sxs Type III cement (264 cf), squeeze 198 sxs into the annulus 1.5 bpm at 1200 PSI and leave 2 sxs inside casing below CR to 736'. Bradenhead shut in for last 50 sxs of plug. Bradenhead shut in pressure 600 PSI, increased to 750 PSI at end of plug. Displaced ½ bpm at 800 PSI. Final bradenhead pressure 700 PSI. Sting out of CR. Load casing with water and circulate 8 bbls out tubing.

TOH. Shut in well. SDFD.

11/30/06 Check well pressures: casing, 0 PSI; bradenhead, 110 PSI. Blow down bradenhead to pit. Shut in bradenhead and monitor pressure. Increase to 9 PSI at 9:00 a.m.; 13 PSI at 10:00 a.m.; 19 PSI at 11:00 a.m.; 0 PSI at 12:00 p.m. lost pressure while RU manifold; 0 PSI at 1:00 p.m. check lines for blockage and union seals, isolated manifold; 14 PSI at 2:00 p.m.; 17 PSI at 3:00 p.m. RU Black Warrior Wireline. Run CBL from 700' to 300'. Good cement to 380' in annulus. RD Black Warrior Wireline. Wait on orders. TIH with tubing to 736'. RU manifold to blow down bradenhead over weekend. Shut in well. SDFD.

12/1/06 Check well pressures: bradenhead, 48 PSI. Vent bradenhead to atmosphere. To be left open until Monday, December 4.

12/4/06 Load tubing and circulate 5 bbls out casing.

Plug #9 spot 25 sxs Type III cement (33 cf) from 736' up to 367'.

PUH to 381'. Load casing and circulate 5 bbls out tubing. TOH. Perforate 5 holes at 370'. Load casing with water. Establish rate 2 bpm at 800 PSI. TIH with tubing and set 4.5" DHS CR at 349'. Pressure test tubing to 1500 PSI, held OK. Sting out of CR. Establish rate 2 bpm at 900#. Load hole with 5 bbls of water; ¾ returns out bradenhead. RU Halliburton Cementing to tubing.

Plug #10 mix and pump 182 sxs Type "G" cement (215 cf) with 2/10 Super CBL with 2% CaCl₂ from 370' to surface, circulate good cement out bradenhead. Pumped at 2 bpm at 700 PSI. Shut in bradenhead and squeeze 7 sxs into annulus. Pressured up to 1800 PSI, total 147 sxs below retainer and into annulus. Sting out of CR and pump 35 sxs above CR to surface with good cement out casing.

TOH and LD all tubing. Shut in well. SDFD.

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Work Summary – Continued:

- 12/5/06 Open well. Tag cement at 32' in casing. ND BOP. Open bradenhead. Bradenhead releasing gas. Vent to pit. Dig out wellhead. Monitor gas from bradenhead: H₂S – 38 ppm; Co₂ and LEL above meter's limit. Shut in bradenhead. NU wellhead. Wait on orders. Determine gas from bradenhead not H₂S. Hydrogen by-product of Halliburton's Super CBL cement additive, giving false gas monitor readings. Wellhead not to be cut off until gas stops. Shut in casing. Vent bradenhead to pit. To be left open overnight and monitored by drywatch. Shut in well. SDFD.
- 12/6/06 ND wellhead. Bradenhead producing gas. Vent to atmosphere and wait on orders. NU wellhead and piping to vent bradenhead. Shut in well. RD unit and pumping lines. Open well and vent to atmosphere. RD and MOL.
- 12/7/06 Issue Hot Work Permit. Cut off wellhead. Fill 4.5" casing with 2 sxs cement. Weld on 1/2 " washer plate and dry hole marker with weld on cap.

Monica Kuehling, NMOCD representative, was on location on 11/13 to 11/21;
11/27 to 11/30; 12/5 and 12/6.

Henry Villanueva, NMOCD representative, was on location on 11/28, 11/29 and
12/4.

Charlie Perrin, NMOCD representative, was on location on 12/5.

Robert Whiteley, A-Plus Rig Superintendent, was on location on 11/15 and 11/16.

Jean Cannon, Drywatch, was on location on 12/1.

Chuck Chenowith, Precision representative, was on location on 12/5.

WSI on location on 11/15.