

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
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

|   |  |   |
|---|--|---|
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br>(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.)          |  | WELL API NO.<br>30-045-32878  |
| 1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other   |  | 5. Indicate Type of Lease<br>STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> |
| 2. Name of Operator<br>XTO ENERGY INC.  |  | 6. State Oil & Gas Lease No.  |
| 3. Address of Operator<br>382 CR 3100 AZTEC, NM 87410   |  | 7. Lease Name or Unit Agreement Name<br>RIDDLE GAS COM  |
| 4. Well Location<br>Unit Letter <u>I</u> : <u>1455'</u> feet from the <u>SOUTH</u> line and <u>870'</u> feet from the <u>EAST</u> line<br>Section <u>9</u> Township <u>27-N</u> Range <u>9-W</u> NMPM SAN JUAN County |  | 8. Well Number<br>#2S   |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.)<br>6180'   |  | 9. OGRID Number<br>5380   |
|   |  | 10. Pool name or Wildcat<br>BASIN FRUITLAND COAL  |

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

| NOTICE OF INTENTION TO:   |   | SUBSEQUENT REPORT OF:                            |  |
|---|---|--|--|
| PERFORM REMEDIAL WORK <input type="checkbox"/>                                  | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/>           | ALTERING CASING <input type="checkbox"/> |
| TEMPORARILY ABANDON <input type="checkbox"/>                                    | CHANGE PLANS <input type="checkbox"/>     | COMMENCE DRILLING OPNS. <input type="checkbox"/> | P AND A <input type="checkbox"/>         |
| PULL OR ALTER CASING <input type="checkbox"/>                                   | MULTIPLE COMPL <input type="checkbox"/>   | CASING/CEMENT JOB <input type="checkbox"/>       |  |
| DOWNHOLE COMMINGLE <input type="checkbox"/>                                     |   |  |  |
| OTHER: RECOMPLETE TO BLANCO PICTURED CLIFFS <input checked="" type="checkbox"/> |   | OTHER: <input type="checkbox"/>                  |  |

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 recomplete this well to the Blanco Pictured Cliffs formation per the attached procedure & C102.

HOLD C104 FOR Change in status to Bruce Sullivan #1  
RCVD SEP 3 '08  
OIL CONS. DIV.  
DIST. 3

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 REGULATORY CLERK DATE 08/29/2008  
Type or print name DOLENA JOHNSON E-mail address: dee.johnson@xtoenergy.com PHONE: 505-333-3100  
**For State Use Only** Deputy Oil & Gas Inspector,  
District #3  
APPROVED BY: [Signature] TITLE DEPUTY OIL & GAS INSPECTOR DATE SEP 05 2008  
Conditions of Approval (if any):

**RIDDLE GAS COM #2S**  
**PICTURED CLIFFS RECOMPLETION**  
**UNIT I, SEC 09, T27N, R09W**  
**SAN JUAN CO., NM**

Approved \_\_\_\_\_

**AFE # / Acct Code:** 803143 / 68155 (PC)

**Prod. Csg:** 5-1/2", 15.5#, J-55 csg @ 2,468'. PBTD @ 2,425'  
Capacity: 0.0238 bbls/ft or 0.997 gals/ft

**Tbg:** 2-3/8" x 30' OEMA w/3/8" weep hole & pin, SN & 68 jts 2-3/8" tbg.  
EOT @ 2,278'. SN @ 2,248'

**Perfs:** FC: 2,064'- 2,066', 2,072'- 2,076', 2,086'- 2,088', 2,134'- 2,142' &  
2,178'- 2,181' W/3 JSPF (TTL 57 HOLES)

**Procedure:**

1. Check rig anchors.
2. MIRU PU. TOH w/rods & pmp.
3. ND WH. NU BOP.
4. TOH & visually inspect tbg.
5. PU & TIH w/string mill to at least 2,210'.
6. TOH & LD string mill & tbg.
7. PU & TIH w/Halliburton Pinpoint Isolation Packer (PPI tool) w/ +/- 160' (5 jts) of 2-7/8" tbg between cup assemblys to isolate FC perfs fr/2,064'-2,181'. Set both of the bottom cups in down position @ 2,185' (cup assembly is approx 2' long. Casing Collar @ 2,189').
8. Rls 2-3/8" tbg fr/ PPI tl & TOH.
9. MIRU H&M pmp trk. PT csg & PPI tl to 3,000 psig. Rls press. ND BOP. NU Frac vlv. RDMO PU
10. MI & Set 2 - 400 bbl frac tnks & 1 flowback tnk. Fill frac tnks w/2% KCl wtr. **NOTE:** Have frac co. test wtr for compatibility prior to frac & add biocide. Heat wtr in the frac tnks so that wtr temperature @ frac time is  $\pm 80^{\circ}$  F. Hot oil trk must be clean to avoid contaminating the frac wtr.

11. MIRU WL. RIH w/csg gun & perf PC w/2-1/8" through tbg gun loaded Owen STP-2125-301E charges or equivalent performance charges (18 gm, 0.43" EHD, 16.17" pene, ttl 15 holes). NOTE: Give WL company time to get guns in.

| Perf   | CCL | Perf   | CCL | Perf   | CCL |
|--------|-----|--------|-----|--------|-----|
| 2,255' |     | 2,224' |     | 2,204' |     |
| 2,246' |     | 2,222' |     | 2,202' |     |
| 2,240' |     | 2,214' |     | 2,200' |     |
| 2,235' |     | 2,208' |     | 2,196' |     |

12. RDMO WLU. MI N2 transports.

13. MIRU frac & acid equipment.

14. BD perfs. EIR w/2% KCl wtr. Max press 3,000 psig. Switch to acid. Acidize PC perfs fr/2,196' – 2,255' w/1,000 gals 15% NEFE HCl acid (FE control, surf & Cl additives) + 25 - 7/8" 1.1 SG Green Bio balls. Flush acid 3 bbls past btm perf w/56 bbls 2% KCl wtr or until ball off. Pump flush @ ±12 BPM. Record ISIP, 5". Surge off balls.

15. Frac PC perfs fr/2,196' – 2,255' down 5-1/2" csg w/ 49,000 gals 70Q N2 foamed, 12# XL gelled (Delta 140), 2% KCl water carrying 73,000# 20/40 BASF sd + 20,000# 20/40 Super LC resin coated sd. Switch to tub bypass & flush w/70Q N2 foamed XL frac fluid & unfoamed gel wtr (cut x-linker & N2). Total flush volume 2,019 gals (Top of frac liner). Est TP 1,700 psig. Pmp frac @ 30 BPM. Max TP @ 3,000 psig. Frac schedule:

| Stage                     | Total Stg Vol. | Fluid       | Stage Proppant                          | Cum Proppant |
|---------------------------|----------------|-------------|---|--------------|
| Pad                       | 10,000 gals    | 70Q XL Foam | 0#                                      | 0#           |
| 1 ppg                     | 12,000 gals    | 70Q XL Foam | 12,000# 20/40 BASF                      | 12,000#      |
| 2 ppg                     | 9,000 gals     | 70Q XL Foam | 18,000# 20/40 BASF                      | 30,000#      |
| 3 ppg                     | 9,000 gals     | 70Q XL Foam | 27,000# 20/40 BASF                      | 57,000#      |
| 4 ppg                     | 4,000 gals     | 70Q XL Foam | 16,000# 20/40 BASF                      | 73,000#      |
| 4 ppg                     | 5,000 gals     | 70Q XL Foam | 20,000# 20/40 SLC                       | 93,000#      |
| Flush                     | 1,519 gals     | 55Q Foam.   | 0#                                      | 93,000#      |
| Flush                     | 500 gals       | Linear gel  | 0#                                      | 93,000#      |
| <b>Total Sand 93,000#</b> |                |             | <b>49,000 gal 70Q N2 Delta 140 Foam</b> |              |

Record ISIP & 5" SIP's. SWI. RDMO frac equip. Leave well SI 4 hrs.

16. RU flowback manifold & flowline to flowback tnk. OWU on 1/4" ck. Have larger ck sizes available. Adjust ck size as needed to unload well w/o bringing excessive sd back. Flow back well until sd & N2 cleans up.

17. Once well cleans up flow tst min 3 hrs on fixed choke for IP tst. Record liq vols, FTP, SICP & choke size. SWI. Report rates and pressures to Ryan Lavergne.

Only continue if DHC has been approved

18. MIRU PU. ND frac vlv. NU BOP.

19. TIH w/2-3/8" tbg.

20. CO to top of frac liner @ +/- 2,020'. Rls PPI tl. (Washover cups & fish if needed). TOH w/2-3/8" tbg & 2-7/8" frac liner.

21. MIRU AFU. TIH w/NC, SN, & 2-3/8" tbg. CO to PBTD @ 2,425'.

22. TOH w/tbg, SN, NC. RDMO AFU.

23. TIH with 2-3/8" x 30' OEMA w/3/8" weep hole & pin, SN, +/- 73 jts 2-3/8" tubing to surface. Land tubing @  $\pm$  2,380'. SN @  $\pm$  2,350'.

24. ND BOP. NU WH. Swab well until clean fluid is obtained.

25. TIH w/ 2" x 1-1/2" x 12' RWAC (DV) pmp, spiral rod guide, 1" x 1' LS, 1-1/4" sb, 21K shear tl, 2 - 1-1/4" sbs, 3/4" x 4' stabilizer bar w/4 molded guides, 91 -3/4" Norris gr "D" rods, 3/4" rod subs as needed & 1-1/4" x 16' PR w/8' lnr.

26. Space out pump. HWO.

27. Load tubing and check pump action.

28. RDMO PU.

29. RWTP pumping at 4.5 SPM and 55" SL.

30. Schedule 1<sup>st</sup> delivery.

31. Report rates and pressure to Ryan Lavergne

## **Regulatory Requirements**

### Recompletion

Notice of Intent to recomplete to PC

Completion Report

Request for Allowable

DHC approval

## **Services**

AFU

WLU & mast trk to perf

Acid & frac equip

Pmp trk

## **Equipment List**

- 2– 400 bbl frac tnks
- 1 flowback tnk
- Halliburton PPI tl & 160' 2-7/8" tbg.
- Additional rods:
  - 21K shear tl
  - 3 - 1-1/4" sbs
  - 3/4" x 4' stabilizer bar w/4 molded guides
  - 3 -3/4" Norris gr "D" rods

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State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised October 12, 2005  
Submit to Appropriate District Office  
Fee Lease - 3 Copies  
State Lease - 4 Copies

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

|   |  |  |
|---|--|--|
| <sup>1</sup> API Number<br>30-045-32878 | <sup>2</sup> Pool Code<br>72359                | <sup>3</sup> Pool Name<br>BLANCO PICTURED CLIFFS |
| <sup>4</sup> Property Code<br>34634     | <sup>5</sup> Property Name<br>RIDDLE GAS COM   |  |
| <sup>7</sup> OGRID No.<br>5380          | <sup>8</sup> Operator Name<br>XTO Energy, Inc. | <sup>6</sup> Well Number<br>#2S                  |
|   |  | <sup>9</sup> Elevation<br>6180'                  |

<sup>10</sup>Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County   |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|----------|
| 1             | 9       | 27-N     | 9-W   |         | 1455          | SOUTH            | 870           | EAST           | SAN JUAN |

<sup>11</sup>Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
|               |         |          |       |         |               |                  |               |                |        |

|  |                               |                                  |                         |
|--|-------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br>PC: 160 ACRES | <sup>13</sup> Joint or Infill | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No. |
|--|-------------------------------|----------------------------------|-------------------------|

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

|  |   |
|--|---|
|  | <sup>17</sup> <b>OPERATOR CERTIFICATION</b><br><i>I hereby certify that the information contained herein is true &amp; complete to the best of my knowledge &amp; belief and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division</i> |
|  | Signature<br><i>Dolena Johnson</i>  |
|  | Printed Name<br>Dolena Johnson  |
|  | Title<br>Regulatory Clerk   |
|  | Date<br>08/29/2008  |
|  | <sup>18</sup> <b>SURVEYOR CERTIFICATION</b><br><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true &amp; correct to the best of my belief.</i>   |
|  | Date of Survey<br>6/23/1984   |
|  | Original Survey Signed By:<br>John A. Vukonich  |
|  | Certificate Number<br>14831   |