Form 3160-5 (June 2015)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137 Expires: January 31, 2018

| 5. | Lease Serial No. |
|----|------------------|
|    | NMNM94574        |

| LO      | INIVIIVIOTOTT             |
|---------|---------------------------|
| iter an | 6 If Indian Allottee or 7 |
|         |                           |

| SUNDRY NOTICES AND REPORTS ON WELLS   |  |                            |                                 | NMNM94574        |  |                       |  |
|---|--|----------------------------|---------------------------------|------------------|--|-----------------------|--|
| Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.   |  |                            |                                 |                  | 6. If Indian, Allottee or                  | Tribe Name            |  |
| SUBMIT IN TRIPLICATE - Other instructions on page 2   |  |                            |                                 |                  | 7. If Unit or CA/Agreen NMNM95703          | nent, Name and/or No. |  |
| Type of Well     Oil Well   | er: COAL BED METHANE   |                            |                                 |                  | 8. Well Name and No.<br>LAPLATA 33 2T      |                       |  |
| Name of Operator     XTO ENERGY INC   | Contact:<br>E-Mail: rhonda_sm                                    | RHONDA SN<br>ith@xtoenergy |                                 |                  | 9. API Well No.<br>30-045-33484-00         | -S1                   |  |
| 3a. Address ENGLEWOOD, CO 80112   |  | 3b. Phone No<br>Ph: 505-33 | . (include area code)<br>3-3215 |                  | 10. Field and Pool or Ex<br>BASIN FRUITLAN |                       |  |
| 4. Location of Well (Footage, Sec., T   | , R., M., or Survey Description,                                 | )                          |                                 |                  | 11. County or Parish, St                   | ate                   |  |
| Sec 33 T32N R13W SWSE 97  | 70FSL 1465FEL  |                            |                                 |                  | SAN JUAN COU                               | NTY, NM               |  |
| 12. CHECK THE AF  | PROPRIATE BOX(ES)  | TO INDICA                  | TE NATURE OI                    | F NOTICE,        | REPORT, OR OTHE                            | ER DATA               |  |
| TYPE OF SUBMISSION  |  |                            | TYPE OF                         | ACTION           |  |                       |  |
| ☐ Notice of Intent  | ☐ Acidize  | □ Dee                      | pen                             | □ Product        | ion (Start/Resume)                         | ☐ Water Shut-Off      |  |
| Subsequent Report     Subsequent Re | ☐ Alter Casing   |                            | raulic Fracturing               | Reclama          |  | ☐ Well Integrity      |  |
|   | ☑ Casing Repair  |                            | Construction                    | Recomp           |  | ☐ Other               |  |
| ☐ Final Abandonment Notice  | ☐ Change Plans ☐ Convert to Injection                            | ☐ Plug<br>☐ Plug           | and Abandon                     | ☐ Tempor         | prarily Abandon                            |                       |  |
| 13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleted in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.  XTO Energy Inc. has completed the casing repair on this well per the attached summary report. Additional attachments: Pressure Test Chart, Current WBD.  OIL CONS. DIV DIST. 3  APR 0 7 2017   |  |                            |                                 |                  |  |                       |  |
| Cor   | #Electronic Submission<br>For XTO E<br>nmitted to AFMSS for prod | NERGY INC,                 | sent to the Farmin              | ngton            | •  |                       |  |
| Name (Printed/Typed) RHONDA SMITH Title REGULATORY CL   |  |                            |                                 |                  | ERK  |                       |  |
| Signature (Electronic Submission) Date 03/24/2017   |  |                            |                                 |                  |  |                       |  |
|   | THIS SPACE FO  | R FEDERA                   | L OR STATE (                    | OFFICE U         | SE   |                       |  |
| Approved By ACCEPTED  |  |                            | JACK SAV<br>TitlePETROLE        | AGE<br>UM ENGINE | EER  | Date 03/27/2017       |  |
| Conditions of approval, if any, are attached<br>certify that the applicant holds legal or equivalent would entitle the applicant to condu   | itable title to those rights in the                              |                            | Office Farmingt                 | ton              |  |                       |  |
| Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.  |  |                            |                                 |                  |  |                       |  |
|   |  |                            |                                 |                  |  |                       |  |

(Instructions on page 2) \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

#### Revisions to Operator-Submitted EC Data for Sundry Notice #370976

**Operator Submitted** 

**BLM Revised (AFMSS)** 

Sundry Type:

CSG SR

CSG SR

Lease:

NMNM94574

NMNM94574

Agreement:

NMNM95703

NMNM95703 (NMNM95703)

Operator:

**XTO ENERGY INC** 

XTO ENERGY INC PO BOX 6501 ENGLEWOOD, CO 80155 Ph: 303-397-3600

ENGLEWOOD, CO 80112 Ph: 303.397.3716 Fx: 3033973899

Admin Contact:

RHONDA SMITH

**RHONDA SMITH** 

REGULATORY CLERK

REGULATORY CLERK

E-Mail: rhonda\_smith@xtoenergy.com

E-Mail: rhonda\_smith@xtoenergy.com

Ph: 505-333-3215

Ph: 505-333-3215

Tech Contact:

RHONDA SMITH REGULATORY CLERK

E-Mail: rhonda\_smith@xtoenergy.com

RHONDA SMITH REGULATORY CLERK E-Mail: rhonda\_smith@xtoenergy.com

Ph: 505-333-3215

Ph: 505-333-3215

Location:

State:

SAN JUAN COUNTY

NM SAN JUAN

County: Field/Pool:

BASING FRUITLAND COAL

BASIN FRUITLAND COAL

Well/Facility:

LAPLATA 33-2T

Sec 33 T32N R13W Mer NMP SWSE 970FSL 1465FEL

LAPLATA 33 2T Sec 33 T32N R13W SWSE 970FSL 1465FEL

## Casing Repair La Plata 33-02T API#: 30-045-33484

03/02/17: MIRU.

03/03/17: Unseat pmp. TOH rods, pmp. Tg @ 2,265'. TOH 2-3/8", 4.7#, J-55, 8rd, tbg. Tg @ 42' FS. Rotate strg ml & fell past spt. Pull back thru spt & repeat 3x w/same results. SDFWE.

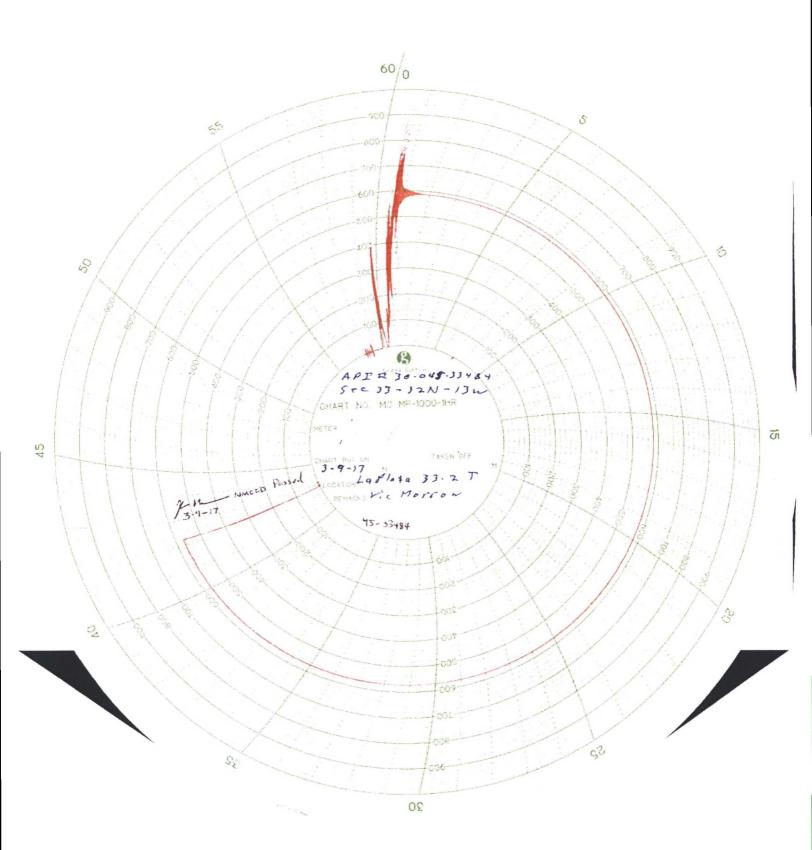
03/06/17: TOH & LD 1 jt 4-1/2", 10.5", J-55, 8rd, EUE csg. Found 4-1/2" csg w/parted thds @ 42' FS. SD WO engr eval. SWI. SDFN.

03/07/17: SD WO csg patch.

03/08/17: Rec app fr/Brandon Powell w/NMOCD & Jack Savage w/NMBLM to set csg patch. TIH 4-1/2" internal cutter. Tg csg @ 42' FS. Cut 4-1/2" csg @ 46' FS. TOH cutter & 4' cut off pc 4-1/2" csg. TIH 4-1/2" RBP. Set RBP @ 2,058'. FC perfs fr/2,108' - 2,144'. Spot 10 gals sd @ RBP. Tg @ 46' FS. Ml 3" of 4-1/2" csg. TIH Logan 4-1/2" 5K external csg patch, 10' x 4-1/2", 10.5", J-55, LT&C csg & 1 jt 4-1/2", 10.5#, J-55, LT&C csg. Engage csg patch. PT csg to 1,000 psig for 10". Tst OK. MIRU welder. Cut & weld 4-1/2" bell nip. RDMO welder.

03/09/17: PT csg fr/2,058' - surf to 585 psig w/chart for 40". Press drop fr/585 - 570 psig in 30". Held 570 psig for 10". Thomas Vermersch w/NMOCD on loc & OK'd PT. Rev circ sd off RBP @ 2,058'. Rls & TOH RBP . TIH 2-3/8", 4.7#, J-55, 8rd, EUE tbg. SN @ 2,150'. EOT @ 2,181'. FC perfs fr/2,108' - 2,144'. Fill @ 2,265. PBTD @ 2,278'. TIH pmp, rods. Seat pump. GPA.

03/10/17: RDMO. RWTP @ 8:30 p.m. 03/10/17. Ppg @ 5 x 45" SPM.





### **Downhole Well Profile - with Schematic**

Well Name: La Plata 33-02T

| API/UWI Accounting ID 68075                     |  | Permit Number  |                                   | State/Province New Mexico                      |                 | San Juan |                             |                 |                 |            |
|---|--|--|-----------------------------------|--|-----------------|----------|-----------------------------|-----------------|-----------------|------------|
| Location Spud Date T32N-R13W-S33 4/2/2007 00:00 |  | Original KB Elevation (ft) 5,945.00                            |                                   | Ground/Corrected Ground Elevation (ft) 5,940.0 |                 |          | KB-Ground Distance (ft) 5.0 |                 |                 |            |
| 10211-1(1011-000                                |  | 72/2007 00:00  | Wellbares                         | 3,343.00                                       |                 | _        | 0,0                         | +0.00           |                 | 5.         |
|   |  |  | Wellbores Wellbore Name           | I  | Parent Wellbore |          |                             | Wellbore API/U  | JWI             |            |
|   |  |  | Original Hole                     |  | Original Hole   |          | 2                           | 300453348       |                 |            |
| -3.9  |  |  | Start Depth (ftKB)                | 5.0  | Profile Type    |          |                             | Kick Off Depth  | (MD) (ftKB)     |            |
| 4.9   | Walland I  | 72   | Section Des                       | 3.0  | Size (in)       |          | Act Top                     | o (ftKB)        | Act Btm (       | (ftKB)     |
| 18.0  |  |  | SURFACE                           |  |                 | 8 3/4    |                             | 5.0             |                 | 19         |
| 22.0  |  |  | PROD1                             |  |                 | 6 1/4    |                             | 190.0           |                 | 2,3        |
| 27.9  |  |  | Zones                             |  |                 |          |                             |                 |                 |            |
| 36.1  |  | <b>2</b>   | Zone Name Fruitland Coal          |  | Top (ftKB)      | 2,108.0  | Btm (                       | ftKB) 2,144.0   | Current S       | itatus     |
| 459   | asing Patch; 46.0-<br>19.5 ftKB; Logan 4-  | <b>1</b>   |                                   |  |                 | 2,100.0  |                             | 2,144.0         | Active          |            |
| 1 1/  | /2" external casing  | <b>6</b>   | Casing Strings Csg Des            | Set Depth (ftK                                 | B)              | OD (in)  |                             | Wt/Len (lb/ft)  |                 | Grade      |
| 84.0  | Dil Tools.; 3/8/2017   | SURFACE; 8 3/4 in;   | Surface                           | our popul (ini                                 | 186.0           | 00 (11)  | 7                           |                 | 20.00 J-55      | 3,1240     |
| 186.0   |  | Surface; 7 in; 186.0   | Production                        |  | 2,321.0         |          | 4 1/2                       |                 | 10.50 J-55      |            |
|   |  | ftKB   | Cement                            |  |                 |          |                             |                 |                 |            |
| 190.0   | take undang undang nakanan   | 25 - 48000 - Trementes Adolfs (1960) - 100 co. of Light colors | Des                               |  |                 | Туре     |                             |                 | String          |            |
| 1,125.0   |  | PROD1; 6 1/4 in; ——<br>2,330,0 ftKB                            | Surface Casing Cement             |  | Casing          |          |                             | Surface, 18     |                 |            |
| 1,711.0   |  |  | Production Casing Cement          |  | Casing          |          |                             | Production      | , 2,321.0ftKB   |            |
| 1,725.1   |  |  | Tubing Strings Tubing Description |  | Run Date        |          |                             | Set Depth (ftK  | D/ .            |            |
| 1,911.1   |  |  | Tubing - Production               |  | Run Date        | 3/9/2017 |                             | Set Depth (III. | 5)              | 2,1        |
| 2,086.0   |  |  | Item Des                          | OD (in)  | Wt (lb/ft)      | Grade    | Jts                         | Len (ft)        | Top (ftKB)      | Btm (ftKB  |
| 2,102.0   |  |  | Tubing                            | 2 3/8  | 2004 FM         | J-55     | 66                          | 2,144.99        | 5.0             | 2,1        |
| 2,107.9   |  |  | Seat Nipple                       | 2 3/8  |                 |          | 1                           | 1.10            | 2,150.0         | 2,1        |
| 2,110.9   |  |  | OEMA w/Weep Hole                  | 2 3/8  | 4.70            | J-55     | 1                           | 30.00           | 2,151.1         | 2,1        |
| 2,115.2   | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  | Perforated; 2,108,0-<br>2,128.0 ftKB<br>Hydraulic Fracture     | Rod Strings                       |  |                 |          |                             | 10 16 0 00      |                 |            |
|   | × ×  | 2,128.0 ftKB  Hydraulic Fracture                               | Rod Description Rod String        |  | Run Date        | 3/9/2017 |                             | Set Depth (ftK  | В)              | 2,1        |
| 2,128.0   |  | Thydracalle Fractore   | Item Des                          | OD (in)  | Wt (lb/ft)      | Grade    | Jts                         | Len (ft)        | Top (ftKB)      | Btm (ftKB) |
| 2,138.1   | na har a na cuna a Princia de Parria, des Albahas a colonidados de Parria de Parria de Parria de Parria de Par |  | Polished Rod                      | 1 1/4  |                 |          | 1                           | 22.00           | -4.0            |            |
| 2,140.1   |  | Perforated; 2,138.0-<br>2,144.0 ftKB                           | Rod Sub                           | 3/4  |                 | D        | 1                           | 4.00            | 18.0            |            |
| 2,144.0   |  | V V  | Rod Sub                           | 3/4  |                 | D        | 1                           | 6.00            | 22.0            |            |
| 2,149.9   | ő  |  | Rod Sub                           | 3/4  |                 | D        | 1                           | 8.00            | 28.0            |            |
| 2,151.2   |  |  | Sucker Rod                        | 3/4  |                 | С        | 67                          | 1,675.00        | 36.0            | 1,7        |
| 2,153.9   | § ) 🖁  |  | Sucker Rod w/Molded Guides        | 3/4  | 1               | 96       | 15                          | 375.00          | 1,711.0         | 2,0        |
| 2.154.9   |  | Rod String; 3/4 in; -  | Sinker Bar                        | 1 1/4  | 1               | K        | 1                           | 25.00           | 2,086.0         | 2,1        |
| 2,181.1   |  | 4.0 TENB   | Stabilizer Rod                    | 7/8  |                 | D        | 1                           | 4.00            | 2,111.0         | 2,1        |
| 2.220.1   |  | Ž  | Sinker Bar                        | 1 1/4  |                 | K        | 1                           | 25.00           | 2,115.0         | 2,1        |
|   | Sand Fill; 2,265,0-  | ž.   | Stabilizer Rod                    | 7/8  |                 | D        | 1                           | 4.00            | 2,140.0         | 2,1        |
|   | 2,278.0 ftKB;  |  | Rod Insert Pump                   | 1 1/2  |                 |          | 1                           | 10.00           | 2,144.0         | 2,1        |
| 2,277.9   | 3/6/2017   | PBTD; 2,278.0 ftKB<br>Production; 4 1/2 in;                    | Strainer Nipple                   |  |                 |          | 1                           | 1.00            | 2,154.0         | 2,1        |
| 2,320.9   |  | 2,321.0 ftKB<br>TD - Original Hole;<br>2,330.0 ftKB            |                                   |  |                 |          |                             |                 |                 |            |
| KTO Energy                                      | ARMARAN FIFTHER SAFE SAFE SAFE SAFE SAFE SAFE SAFE SAFE  | ***************************************                        | Page 1/2                          |  |                 |          |                             |                 | Report Printed: | 3/24/201   |



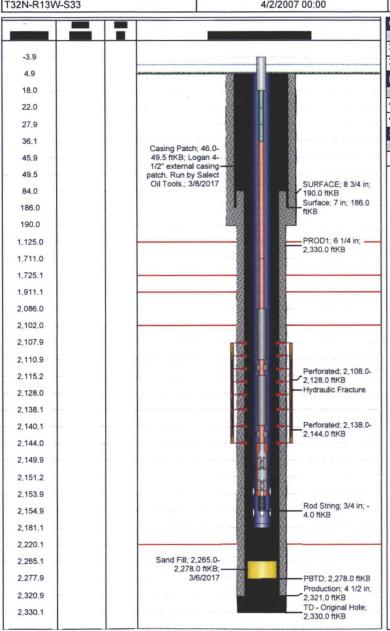
XTO Energy

#### **Downhole Well Profile - with Schematic**

Well Name: La Plata 33-02T

| API/UWI<br>30045334840000 | Accounting ID<br>68075   | Permit Number                       | State/Province New Mexico                       | County<br>San Juan           |
|---------------------------|--------------------------|-------------------------------------|---|------------------------------|
| Location<br>T32N-R13W-S33 | Spud Date 4/2/2007 00:00 | Original KB Elevation (ft) 5,945.00 | Ground/Corrected Ground Elevation (ft) 5,940.00 | KB-Ground Distance (ft) 5.00 |

Page 2/2



| ٦ | Other In Hole |              |         |            |            |
|---|---------------|--------------|---------|------------|------------|
|   | Run Date      | Des          | OD (in) | Top (ftKB) | Btm (ftKB) |
| ٦ | 3/6/2017      | Sand Fill    | 3 7/8   | 2,265.0    | 2,278.0    |
| - | 3/8/2017      | Casing Patch | 5 3/4   | 46.0       | 49.5       |

| Perforations |            |            |                               | 4-1 |
|--------------|------------|------------|-------------------------------|-----|
| Date         | Top (ftKB) | Btm (ftKB) | Zone                          |     |
| 4/15/2007    | 2,108.0    | 2,128.0    | Fruitland Coal, Original Hole |     |
| 4/15/2007    | 2,138.0    | 2,144.0    | Fruitland Coal, Original Hole |     |

| Stimulations & Treatments               |                 |                    |               |               |           |                     |  |  |
|---|-----------------|--------------------|---------------|---------------|-----------|---------------------|--|--|
| Frac#                                   | Top Perf (ftKB) | Bottom Perf (ftKB) | AIR (bbl/min) | MIR (bbl/min) | TWP (bbl) | Total Proppant (lb) |  |  |
| 2 | 2108            | 2144               | 41.0          |               |           |                     |  |  |

Report Printed: 3/24/2017