

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.**5. Lease Serial No.  
NMLC063875A

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on page 2**7. If Unit or CA/Agreement, Name and/or No.  
891000303X

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.

POKER LAKE UNIT 27 BD 167H

2. Name of Operator

XTO PERMIAN OPERATING LLC

Contact: KELLY KARDOS

E-Mail: kelly\_kardos@xtoenergy.com

9. API Well No.

30-015-46258-00-X1

3a. Address

6401 HOLIDAY HILL ROAD BLDG 5  
MIDLAND, TX 79707

3b. Phone No. (include area code)

Ph: 432-620-4374

10. Field and Pool or Exploratory Area

PURPLE SAGE-WOLFCAMP (GAS)

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 27 T25S R30E SENE 2290FNL 1093FEL  
32.102207 N Lat, 103.863953 W Lon

11. County or Parish, State

EDDY COUNTY, NM

## 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION                                   | TYPE OF ACTION                                |                                               |                                                    |                                           |
|------------------------------------------------------|-----------------------------------------------|-----------------------------------------------|----------------------------------------------------|-------------------------------------------|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen               | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off   |
| <input type="checkbox"/> Subsequent Report           | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Hydraulic Fracturing | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity   |
| <input type="checkbox"/> Final Abandonment Notice    | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction     | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other |
|                                                      | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon     | <input type="checkbox"/> Temporarily Abandon       | Change to Original A                      |
|                                                      | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back            | <input type="checkbox"/> Water Disposal            | PD                                        |

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 recompleat 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 recompleat 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 Permian Operating, LLC, requests permission to make the following changes to the original APD:

Casing/Cement design per the attached drilling program.

Change BHL from 200'FSL &amp; 990'FEL to 200'FSL &amp; 1650'FEL.

Attachments:  
Drilling Program  
Directional Plan

OCD Accepted for Record 10/13/2020 - JAG

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #532773 verified by the BLM Well Information System  
For XTO PERMIAN OPERATING LLC, sent to the Carlsbad  
Committed to AFMSS for processing by JENNIFER SANCHEZ on 10/05/2020 (21JAS0003SE)**

Name (Printed/Typed) KELLY KARDOS

Title REGULATORY COORDINATOR

Signature (Electronic Submission)

Date 10/05/2020

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By JENNIFER SANCHEZ

Title PETROLEUM ENGINEER

Date 10/05/2020

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Carlsbad

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 \*\* BLM REVISED \*\***

## Revisions to Operator-Submitted EC Data for Sundry Notice #532773

|                                | Operator Submitted                                                                                   | BLM Revised (AFMSS)                                                                                      |
|--------------------------------|------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| Sundry Type:                   | APDCH<br>NOI                                                                                         | APDCH<br>NOI                                                                                             |
| Lease:                         | NMLC063875A                                                                                          | NMLC063875A                                                                                              |
| Agreement:                     | NMNM71016X                                                                                           | 891000303X (NMNM71016X)                                                                                  |
| Operator:                      | XTO PERMIAN OPERATING, LLC<br>6401 HOLIDAY HILL RD BLDG 5<br>MIDLAND, TX 79707<br>Ph: 432-620-4374   | XTO PERMIAN OPERATING LLC<br>6401 HOLIDAY HILL ROAD BLDG 5<br>MIDLAND, TX 79707<br>Ph: 432.683 2277      |
| Admin Contact:                 | KELLY KARDOS<br>REGULATORY COORDINATOR<br>E-Mail: kelly_kardos@xtoenergy.com<br><br>Ph: 432-620-4374 | KELLY KARDOS<br>REGULATORY COORDINATOR<br>E-Mail: kelly_kardos@xtoenergy.com<br><br>Ph: 432-620-4374     |
| Tech Contact:                  | KELLY KARDOS<br>REGULATORY COORDINATOR<br>E-Mail: kelly_kardos@xtoenergy.com<br><br>Ph: 432-620-4374 | KELLY KARDOS<br>REGULATORY COORDINATOR<br>E-Mail: kelly_kardos@xtoenergy.com<br><br>Ph: 432-620-4374     |
| Location:<br>State:<br>County: | NM<br>EDDY                                                                                           | NM<br>EDDY                                                                                               |
| Field/Pool:                    | PURPLE SAGE WOLFCAMP                                                                                 | PURPLE SAGE-WOLFCAMP (GAS)                                                                               |
| Well/Facility:                 | POKER LAKE UNIT 27 BD 167H<br>Sec 27 T25S R30E Mer NMP SENE 2290FNL 1093FEL                          | POKER LAKE UNIT 27 BD 167H<br>Sec 27 T25S R30E SENE 2290FNL 1093FEL<br>32.102207 N Lat, 103.863953 W Lon |

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.**5. Lease Serial No.  
NMLC063875A

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on page 2**7. If Unit or CA/Agreement, Name and/or No.  
891000303X

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.

POKER LAKE UNIT 27 BD 167H

2. Name of Operator

XTO PERMIAN OPERATING LLC

Contact: KELLY KARDOS

E-Mail: kelly\_kardos@xtoenergy.com

9. API Well No.

30-015-46258-00-X1

3a. Address

6401 HOLIDAY HILL ROAD BLDG 5  
MIDLAND, TX 79707

3b. Phone No. (include area code)

Ph: 432-620-4374

10. Field and Pool or Exploratory Area

PURPLE SAGE-WOLFCAMP (GAS)

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 27 T25S R30E SENE 2290FNL 1093FEL  
32.102207 N Lat, 103.863953 W Lon

11. County or Parish, State

EDDY COUNTY, NM

## 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION                                   | TYPE OF ACTION                                |                                               |                                                    |                                           |
|------------------------------------------------------|-----------------------------------------------|-----------------------------------------------|----------------------------------------------------|-------------------------------------------|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen               | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off   |
| <input type="checkbox"/> Subsequent Report           | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Hydraulic Fracturing | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity   |
| <input type="checkbox"/> Final Abandonment Notice    | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction     | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other |
|                                                      | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon     | <input type="checkbox"/> Temporarily Abandon       | Change to Original A                      |
|                                                      | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back            | <input type="checkbox"/> Water Disposal            | PD                                        |

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 recompleat 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 recompleat 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 Permian Operating, LLC, requests permission to make the following changes to the original APD:

Casing/Cement design per the attached drilling program.

Change BHL from 200'FSL &amp; 990'FEL to 200'FSL &amp; 1650'FEL.

Attachments:  
Drilling Program  
Directional Plan**REJECTED BY MISTAKE. SEE WIS: 532773 FOR APPROVAL**

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #531385 verified by the BLM Well Information System  
For XTO PERMIAN OPERATING LLC, sent to the Carlsbad  
Committed to AFMSS for processing by PRISCILLA PEREZ on 10/02/2020 (21PP0013SE)**

Name (Printed/Typed) KELLY KARDOS

Title REGULATORY COORDINATOR

Signature (Electronic Submission)

Date 09/24/2020

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By

**REJECTED**JENNIFER SANCHEZ  
Title PETROLEUM ENGINEER

Date 10/02/2020

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Carlsbad

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 \*\* BLM REVISED \*\***

## Revisions to Operator-Submitted EC Data for Sundry Notice #531385

|                                | Operator Submitted                                                                                   | BLM Revised (AFMSS)                                                                                      |
|--------------------------------|------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| Sundry Type:                   | APDCH<br>NOI                                                                                         | APDCH<br>NOI                                                                                             |
| Lease:                         | NMLC063875A                                                                                          | NMLC063875A                                                                                              |
| Agreement:                     | NMNM71016X                                                                                           | 891000303X (NMNM71016X)                                                                                  |
| Operator:                      | XTO PERMIAN OPERATING, LLC<br>6401 HOLIDAY HILL RD BLDG 5<br>MIDLAND, TX 79707<br>Ph: 432-620-4374   | XTO PERMIAN OPERATING LLC<br>6401 HOLIDAY HILL ROAD BLDG 5<br>MIDLAND, TX 79707<br>Ph: 432.683 2277      |
| Admin Contact:                 | KELLY KARDOS<br>REGULATORY COORDINATOR<br>E-Mail: kelly_kardos@xtoenergy.com<br><br>Ph: 432-620-4374 | KELLY KARDOS<br>REGULATORY COORDINATOR<br>E-Mail: kelly_kardos@xtoenergy.com<br><br>Ph: 432-620-4374     |
| Tech Contact:                  | KELLY KARDOS<br>REGULATORY COORDINATOR<br>E-Mail: kelly_kardos@xtoenergy.com<br><br>Ph: 432-620-4374 | KELLY KARDOS<br>REGULATORY COORDINATOR<br>E-Mail: kelly_kardos@xtoenergy.com<br><br>Ph: 432-620-4374     |
| Location:<br>State:<br>County: | NM<br>EDDY                                                                                           | NM<br>EDDY                                                                                               |
| Field/Pool:                    | PURPLE SAGE WOLFCAMP                                                                                 | PURPLE SAGE-WOLFCAMP (GAS)                                                                               |
| Well/Facility:                 | POKER LAKE UNIT 27 BD 167H<br>Sec 27 T25S R30E Mer NMP SENE 2290FNL 1093FEL                          | POKER LAKE UNIT 27 BD 167H<br>Sec 27 T25S R30E SENE 2290FNL 1093FEL<br>32.102207 N Lat, 103.863953 W Lon |

District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
District II  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

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 August 1, 2011  
Submit one copy to appropriate  
District Office  
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                         |                                                          |                                  |
|-----------------------------------------|----------------------------------------------------------|----------------------------------|
| <sup>1</sup> API Number<br>30-015-46258 | <sup>2</sup> Pool Code                                   | <sup>3</sup> Pool Name           |
| <sup>4</sup> Property Code              | <sup>5</sup> Property Name<br>POKER LAKE UNIT 27 BD      | <sup>6</sup> Well Number<br>167H |
| <sup>7</sup> OGRID No.<br>373075        | <sup>8</sup> Operator Name<br>XTO PERMIAN OPERATING, LLC | <sup>9</sup> Elevation<br>3,292' |

<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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| H             | 27      | 25 S     | 30 E  |         | 2,290         | NORTH            | 1,093         | EAST           | EDDY   |

<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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| P             | 34      | 25 S     | 30 E  |         | 200           | SOUTH            | 1,650         | EAST           | EDDY   |

|                               |                               |                                  |                         |
|-------------------------------|-------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated 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.

|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|--------------------------------|---|--------------------------------|---|--------------------------------|---|--------------------------------|---|--------------------------------|---|--------------------------------|---|--------------------------------|---|--------------------------------|---|--------------------------------|---|--------------------------------|---|--------------------------------|---|--------------------------------|---|--------------------------------|---|--------------------------------|---|--------------------------------|---|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><sup>16</sup></p> | <p><b>GEODETIC COORDINATES</b><br/>NAD 27 NME<br/>SURFACE LOCATION<br/>Y= 401,178.5<br/>X= 645,492.8<br/>LAT.= 32.102084°N<br/>LONG.= 103.863475°W</p> <p><b>FIRST TAKE POINT</b><br/>NAD 27 NME<br/>Y= 400,440.1<br/>X= 644,936.9<br/>LAT.= 32.100061°N<br/>LONG.= 103.865280°W</p> <p><b>CORNER COORDINATES TABLE</b><br/>NAD 27 NME</p> <table border="1"> <tr><td>A</td><td>Y= 400,798.8 N, X= 645,259.3 E</td></tr> <tr><td>B</td><td>Y= 400,784.3 N, X= 643,932.1 E</td></tr> <tr><td>C</td><td>Y= 398,133.4 N, X= 645,262.0 E</td></tr> <tr><td>D</td><td>Y= 398,120.1 N, X= 643,933.4 E</td></tr> <tr><td>E</td><td>Y= 395,463.8 N, X= 645,259.4 E</td></tr> <tr><td>F</td><td>Y= 395,453.0 N, X= 643,932.1 E</td></tr> <tr><td>G</td><td>Y= 392,801.4 N, X= 645,260.9 E</td></tr> <tr><td>H</td><td>Y= 392,791.1 N, X= 643,930.8 E</td></tr> </table> <p><b>CORNER COORDINATES TABLE</b><br/>NAD 83 NME</p> <table border="1"> <tr><td>A</td><td>Y= 400,856.8 N, X= 686,444.5 E</td></tr> <tr><td>B</td><td>Y= 400,842.3 N, X= 685,117.3 E</td></tr> <tr><td>C</td><td>Y= 398,191.3 N, X= 686,447.3 E</td></tr> <tr><td>D</td><td>Y= 398,178.0 N, X= 685,118.7 E</td></tr> <tr><td>E</td><td>Y= 395,521.7 N, X= 686,444.8 E</td></tr> <tr><td>F</td><td>Y= 395,510.9 N, X= 685,117.5 E</td></tr> <tr><td>G</td><td>Y= 392,859.2 N, X= 686,446.4 E</td></tr> <tr><td>H</td><td>Y= 392,848.9 N, X= 685,116.3 E</td></tr> </table> <p><b>LAST TAKE POINT</b><br/>NAD 27 NME<br/>Y= 393,128.9<br/>X= 644,940.5<br/>LAT.= 32.079963°N<br/>LONG.= 103.865371°W</p> <p><b>LAST TAKE POINT</b><br/>NAD 83 NME<br/>Y= 393,186.7<br/>X= 686,126.0<br/>LAT.= 32.080088°N<br/>LONG.= 103.865851°W</p> <p><b>BOTTOM HOLE LOCATION</b><br/>NAD 27 NME<br/>Y= 392,998.9<br/>X= 644,940.7<br/>LAT.= 32.079605°N<br/>LONG.= 103.865372°W</p> <p><b>BOTTOM HOLE LOCATION</b><br/>NAD 83 NME<br/>Y= 393,056.7<br/>X= 686,126.2<br/>LAT.= 32.079730°N<br/>LONG.= 103.865852°W</p> | A | Y= 400,798.8 N, X= 645,259.3 E | B | Y= 400,784.3 N, X= 643,932.1 E | C | Y= 398,133.4 N, X= 645,262.0 E | D | Y= 398,120.1 N, X= 643,933.4 E | E | Y= 395,463.8 N, X= 645,259.4 E | F | Y= 395,453.0 N, X= 643,932.1 E | G | Y= 392,801.4 N, X= 645,260.9 E | H | Y= 392,791.1 N, X= 643,930.8 E | A | Y= 400,856.8 N, X= 686,444.5 E | B | Y= 400,842.3 N, X= 685,117.3 E | C | Y= 398,191.3 N, X= 686,447.3 E | D | Y= 398,178.0 N, X= 685,118.7 E | E | Y= 395,521.7 N, X= 686,444.8 E | F | Y= 395,510.9 N, X= 685,117.5 E | G | Y= 392,859.2 N, X= 686,446.4 E | H | Y= 392,848.9 N, X= 685,116.3 E | <p><b><sup>17</sup> OPERATOR CERTIFICATION</b><br/>I hereby certify that the information contained herein is true and complete to the best of my knowledge and 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.</p> <p><i>Kelly Kardos</i><br/>Signature _____ Date _____<br/>Printed Name _____<br/>E-mail Address _____</p> <p><b><sup>18</sup> SURVEYOR CERTIFICATION</b><br/>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 and correct to the best of my belief.</p> <p>9-19-2020<br/>Date of Survey _____<br/>Signature and Seal of Professional Surveyor: _____</p> <p>MARK DILLON HARP 23786<br/>Certificate Number _____ JC 2018010105</p> |
| A                    | Y= 400,798.8 N, X= 645,259.3 E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| B                    | Y= 400,784.3 N, X= 643,932.1 E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| C                    | Y= 398,133.4 N, X= 645,262.0 E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| D                    | Y= 398,120.1 N, X= 643,933.4 E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| E                    | Y= 395,463.8 N, X= 645,259.4 E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| F                    | Y= 395,453.0 N, X= 643,932.1 E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| G                    | Y= 392,801.4 N, X= 645,260.9 E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| H                    | Y= 392,791.1 N, X= 643,930.8 E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| A                    | Y= 400,856.8 N, X= 686,444.5 E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| B                    | Y= 400,842.3 N, X= 685,117.3 E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| C                    | Y= 398,191.3 N, X= 686,447.3 E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| D                    | Y= 398,178.0 N, X= 685,118.7 E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| E                    | Y= 395,521.7 N, X= 686,444.8 E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| F                    | Y= 395,510.9 N, X= 685,117.5 E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| G                    | Y= 392,859.2 N, X= 686,446.4 E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| H                    | Y= 392,848.9 N, X= 685,116.3 E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |   |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

Intent ☐ As Drilled ☐

|                |                |             |
|----------------|----------------|-------------|
| API #          |                |             |
| Operator Name: | Property Name: | Well Number |

Kick Off Point (KOP)

|          |         |          |       |     |           |          |      |          |        |
|----------|---------|----------|-------|-----|-----------|----------|------|----------|--------|
| UL       | Section | Township | Range | Lot | Feet      | From N/S | Feet | From E/W | County |
| Latitude |         |          |       |     | Longitude |          |      |          | NAD    |

First Take Point (FTP)

|          |         |          |       |     |           |          |      |          |        |
|----------|---------|----------|-------|-----|-----------|----------|------|----------|--------|
| UL       | Section | Township | Range | Lot | Feet      | From N/S | Feet | From E/W | County |
| Latitude |         |          |       |     | Longitude |          |      |          | NAD    |

Last Take Point (LTP)

|          |         |          |       |     |           |          |      |          |        |
|----------|---------|----------|-------|-----|-----------|----------|------|----------|--------|
| UL       | Section | Township | Range | Lot | Feet      | From N/S | Feet | From E/W | County |
| Latitude |         |          |       |     | Longitude |          |      |          | NAD    |

Is this well the defining well for the Horizontal Spacing Unit? ☐

Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

|                |                |             |
|----------------|----------------|-------------|
| API #          |                |             |
| Operator Name: | Property Name: | Well Number |

**Poker Lake Unit 27 BD 167H**

Projected TD: 19997' MD / 12072' TVD  
SHL: 2290' FNL & 1093' FEL , Section 27, T25S, R30E  
BHL: 200' FSL & 1650' FEL , Section 34, T25S, R30E  
Eddy County, NM

**Casing Design**

*The surface fresh water sands will be protected by setting 11-3/4" casing @ 1272' (50' above the salt) and circulating cement back to surface. The 7-5/8" intermediate casing will be set at 11255' and bring TOC back to surface. A 6-3/4 inch curve and lateral hole will be drilled to MD/TD and 5-1/2" x 5-0" casing will be set at TD and cemented back 300' into the 7-5/8" casing shoe.*

| Hole Size | Depth           | OD Csg  | Weight | Collar     | Grade   | New/Used | SF Burst | SF Collapse | SF Tension |
|-----------|-----------------|---------|--------|------------|---------|----------|----------|-------------|------------|
| 14-3/4"   | 0' – 1272'      | 11-3/4" | 54     | BTC        | J-55    | New      | 1.22     | 3.60        | 12.37      |
| 8-3/4"    | 0' – 1000'      | 7-5/8"  | 29.7   | BTC        | CYP-110 | New      | 1.63     | 11.18       | 2.81       |
| 8-3/4"    | 1000' - 4000'   | 7-5/8"  | 29.7   | Liberty FJ | CYP-110 | New      | 1.63     | 2.80        | 1.83       |
| 8-3/4"    | 4000' - 11255'  | 7-5/8"  | 29.7   | Liberty FJ | HCL-80  | New      | 1.18     | 1.96        | 1.88       |
| 6-3/4"    | 0' – 11155'     | 5-1/2"  | 23     | Freedom    | P-110   | New      | 1.21     | 1.86        | 2.21       |
| 6-3/4"    | 11155' - 19997' | 5-0"    | 18     | Freedom    | P-110   | New      | 1.16     | 1.59        | 7.84       |

XTO requests to not utilize centralizers in the curve and lateral

7-5/8" Collapse analyzed using 50% evacuation based on regional experience.

5-1/2" Tension calculated using vertical hanging weight plus the lateral weight multiplied by a friction factor of 0.35

Test on Casing will be limited to 70% burst of the casing or 1500 psi, whichever is less

Request to use 5" BTC Float equipment for the the production casing

**WELLHEAD:**

**Permanent Wellhead – Multibowl System**

A. Starting Head: 13-5/8" 10M top flange x 11-3/4" SOW bottom

B. Tubing Head: 13-5/8" 10M bottom flange x 7-1/16" 15M top flange

Wellhead will be installed by manufacturer's representatives.

Manufacturer will monitor welding process to ensure appropriate temperature of seal.

Operator will test the 7-5/8" casing per Onshore Order 2.

Wellhead manufacturer representative may not be present for BOP test plug installation

**Cement Program**

**Surface Casing:**

Lead: 450 sxs Halcem-C + 2% CaCl (mixed at 12.8 ppg, 1.87 ft3/sx, 10.13 gal/sx water)

Tail: 190 sxs Halcem-C + 2% CaCl (mixed at 14.8 ppg, 1.35 ft3/sx, 6.39 gal/sx water)

Compressives: 12-hr = 900 psi 24 hr = 1500 psi

TOC: Surface

**Intermediate Casing:**

**1st Stage**

Optional Lead: 340 sxs NeoCem (mixed at 10.5 ppg, 2.77 ft3/sx, 15.59 gal/sx water)

TOC: Surface

Tail: 440 sxs Halcem - Class C (mixed at 14.8 ppg, 1.35 ft3/sx, 6.39 gal/sx water)

Compressives: 12-hr = 900 psi 24 hr = 1150 psi

TOC: Brushy Canyon (6420')

**2nd Stage**

Tail: 600 sxs Halcem-Class C (mixed at 14.8 ppg, 1.33 ft3/sx, 5.29 gal/sx water)

Compressives: 12-hr = 900 psi 24 hr = 1150 psi

TOC: Surface

XTO requests to pump a two stage cement job on the 7-5/8" intermediate casing string with the first stage being pumped conventionally with the calculated top of cement at the Brush Canyon (6420') and the second stage performed as a bradenhead squeeze with planned cement from the Brushy Canyon to surface. If cement is not visually confirmed to circulate to surface, the final cement top after the second stage job will be verified by Echo-meter. If necessary, a top out consisting of 1,500 sack of Class C cement + 3% Salt + 1% PreMag-M + 6% Bentonite Gel (2.30 yld, 12.91 ppg) will be executed as a contingency. If cement is still unable to circulate to surface, another Echo-meter run will be performed for cement top verification.

XTO will include the Echo-meter verified fluid top and the volume of displacement fluid above the cement slurry in the annulus in all post-drill sundries on wells utilizing this cement program.

XTO will report to the BLM the volume of fluid (limited to 5 bbls) used to flush intermediate casing valves following backside cementing procedures.

XTO requests to pump an Optional Lead if well conditions dictate in an attempt to bring cement to surface on the first stage. If cement is brought to surface, the BLM will be notified and the second stage bradenhead squeeze and subsequent TOC verification will be negated.

In the event cement is not circulated to surface on the first stage, whether intentionally or unintentionally, XTO requests the option to conduct the bradenhead squeeze and TOC verification offline as per standard approval from BLM when unplanned remediation is needed and batch drilling is approved. In the event the bradenhead is conducted, we will ensure first stage cement job is cemented properly and the well is static with floats holding and no pressure on the csg annulus as with all other casing strings where batch drilling operations occur before moving off the rig. The TA cap will also be installed per GE procedure and pressure inside the casing will be monitored via the valve on the TA cap as per standard batch drilling ops.

#### **Production Casing:**

Lead: 10 sxs VersaCem (mixed at 11.5 ppg, 2.69 ft3/sx, 15.00 gal/sx water)

Tail: 810 sxs VersaCem (mixed at 13.2 ppg, 1.51 ft3/sx, 7.20 gal/sx water)

Compressives: 12-hr = 800 psi 24 hr = 1500psi

TOC: 300' inside previous shoe

#### **Mud Circulation Program**

| INTERVAL         | Hole Size | Mud Type                                  | MW (ppg) | Viscosity (sec/qt) | Fluid Loss (cc) |
|------------------|-----------|-------------------------------------------|----------|--------------------|-----------------|
| 0' - 1272'       | 14-3/4"   | FW / Native                               | 8.4-8.8  | 35-40              | NC              |
| 1272' - 11255'   | 8-3/4"    | Brine / Cut<br>Brine / Direct<br>Emulsion | 8.4-9.7  | 30-32              | NC              |
| 11255' to 19997' | 6-3/4"    | Cut Brine /<br>WBM / OBM                  | 13-14    | 32-36              | NC              |

**DRILLING PLAN: BLM COMPLIANCE**  
(Supplement to BLM 3160-3)

XTO Energy Inc.  
Poker Lake Unit 27 BD 167H  
Projected TD: 19997' MD / 12072' TVD  
SHL: 2290' FNL & 1093' FEL , Section 27, T25S, R30E  
BHL: 200' FSL & 1650' FEL , Section 34, T25S, R30E  
Eddy County, NM

**1. Geologic Name of Surface Formation**

A. Permian

**2. Estimated Tops of Geological Markers & Depths of Anticipated Fresh Water, Oil or Gas**

| Formation          | Well Depth (TVD) | Water/Oil/Gas |
|--------------------|------------------|---------------|
| Rustler            | 905'             | Water         |
| Top of Salt        | 1322'            | Water         |
| Base of Salt       | 3707'            | Water         |
| Delaware           | 3933'            | Water         |
| Brushy Canyon      | 6420'            | Water/Oil/Gas |
| Bone Spring        | 7724'            | Water         |
| 1st Bone Spring Ss | 8665'            | Water/Oil/Gas |
| 2nd Bone Spring Ss | 9530'            | Water/Oil/Gas |
| 3rd Bone Spring Ss | 10660'           | Water/Oil/Gas |
| Wolfcamp           | 11055'           | Water/Oil/Gas |
| Wolfcamp A         | 11190'           | Water/Oil/Gas |
| Wolfcamp D         | 11978'           | Water/Oil/Gas |
| Target/Land Curve  | 12072'           | Water/Oil/Gas |

\*\*\* Hydrocarbons @ Brushy Canyon

\*\*\* Groundwater depth 40' (per NM State Engineers Office).

No other formations are expected to yield oil, gas or fresh water in measurable volumes. The surface fresh water sands will be protected by setting 11-3/4" casing @ 1272' (50' above the salt) and circulating cement back to surface. The 7-5/8" intermediate casing will be set at 11255' and bring TOC back to surface. A 6-3/4 inch curve and lateral hole will be drilled to MD/TD and 5-1/2" x 5-0" casing will be set at TD and cemented back 300' into the 7-5/8" casing shoe.

**3. Casing Design**

| Hole Size | Depth           | OD Csg  | Weight | Collar     | Grade   | New/Used | SF Burst | SF Collapse | SF Tension |
|-----------|-----------------|---------|--------|------------|---------|----------|----------|-------------|------------|
| 14-3/4"   | 0' – 1272'      | 11-3/4" | 54     | BTC        | J-55    | New      | 1.22     | 3.60        | 12.37      |
| 8-3/4"    | 0' – 1000'      | 7-5/8"  | 29.7   | BTC        | CYP-110 | New      | 1.63     | 11.18       | 2.81       |
| 8-3/4"    | 1000' - 4000'   | 7-5/8"  | 29.7   | Liberty FJ | CYP-110 | New      | 1.63     | 2.80        | 1.83       |
| 8-3/4"    | 4000' - 11255'  | 7-5/8"  | 29.7   | Liberty FJ | HCL-80  | New      | 1.18     | 1.96        | 1.88       |
| 6-3/4"    | 0' – 11155'     | 5-1/2"  | 23     | Freedom    | P-110   | New      | 1.21     | 1.86        | 2.21       |
| 6-3/4"    | 11155' - 19997' | 5-0"    | 18     | Freedom    | P-110   | New      | 1.16     | 1.59        | 7.84       |

· XTO requests to not utilize centralizers in the curve and lateral

· 7-5/8" Collapse analyzed using 50% evacuation based on regional experience.

· 5-1/2" Tension calculated using vertical hanging weight plus the lateral weight multiplied by a friction factor of 0.35

· Test on Casing will be limited to 70% burst of the casing or 1500 psi, whichever is less

· Request to use 5" BTC Float equipment for the the production casing

**Wellhead:**

Permanent Wellhead – Multibowl System

A. Starting Head: 13-5/8" 10M top flange x 11-3/4" SOW bottom

B. Tubing Head: 13-5/8" 10M bottom flange x 7-1/16" 15M top flange

· Wellhead will be installed by manufacturer's representatives.

- Manufacturer will monitor welding process to ensure appropriate temperature of seal.
- Operator will test the 7-5/8" casing per BLM Onshore Order 2
- Wellhead Manufacturer representative will not be present for BOP test plug installation

#### 4. Cement Program

##### **Surface Casing: 11-3/4", 54 New J-55, BTC casing to be set at +/- 1272'**

Lead: 450 sxs Halcem-C + 2% CaCl (mixed at 12.8 ppg, 1.87 ft3/sx, 10.13 gal/sx water)

Tail: 190 sxs Halcem-C + 2% CaCl (mixed at 14.8 ppg, 1.35 ft3/sx, 6.39 gal/sx water)

Compressives:           12-hr =           900 psi           24 hr = 1500 psi  
TOC: Surface

##### **Intermediate Casing: 7-5/8", New 29.7 casing to be set at +/- 11255'**

###### 1st Stage

Optional Lead: 340 sxs NeoCem (mixed at 10.5 ppg, 2.77 ft3/sx, 15.59 gal/sx water)

TOC: Surface

Tail: 440 sxs Halcem - Class C (mixed at 14.8 ppg, 1.35 ft3/sx, 6.39 gal/sx water)

Compressives:           12-hr =           900 psi           24 hr = 1150psi  
TOC: Brushy Canyon (6420')

###### 2nd Stage

Tail: 600 sxs Halcem-Class C (mixed at 14.8 ppg, 1.33 ft3/sx, 5.29 gal/sx water)

Compressives:           12-hr =           900 psi           24 hr = 1150 psi  
TOC: Surface

XTO requests to pump a two stage cement job on the 7-5/8" intermediate casing string with the first stage being pumped conventionally with the calculated top of cement at the Brush Canyon (6420') and the second stage performed as a bradenhead squeeze with planned cement from the Brushy Canyon to surface. If cement is not visually confirmed to circulate to surface, the final cement top after the second stage job will be verified by Echo-meter. If necessary, a top out consisting of 1,500 sack of Class C cement + 3% Salt + 1% PreMag-M + 6% Bentonite Gel (2.30 yld, 12.91 ppg) will be executed as a contingency. If cement is still unable to circulate to surface, another Echo-meter run will be performed for cement top verification.

XTO will include the Echo-meter verified fluid top and the volume of displacement fluid above the cement slurry in the annulus in all post-drill sundries on wells utilizing this cement program.

XTO will report to the BLM the volume of fluid (limited to 5 bbls) used to flush intermediate casing valves following backside cementing procedures.

XTO requests to pump an Optional Lead if well conditions dictate in an attempt to bring cement to surface on the first stage. If cement is brought to surface, the BLM will be notified and the second stage bradenhead squeeze and subsequent TOC verification will be negated.

In the event cement is not circulated to surface on the first stage, whether intentionally or unintentionally, XTO requests the option to conduct the bradenhead squeeze and TOC verification offline as per standard approval from BLM when unplanned remediation is needed and batch drilling is approved. In the event the bradenhead is conducted, we will ensure first stage cement job is cemented properly and the well is static with floats holding and no pressure on the csg annulus as with all other casing strings where batch drilling operations occur before moving off the rig. The TA cap will also be installed per GE

##### **Production Casing: 5-0", 18 New casing to be set at +/- 19997'**

Lead: 10 sxs VersaCem (mixed at 11.5 ppg, 2.69 ft3/sx, 15.00 gal/sx water)

Tail: 830 sxs VersaCem (mixed at 13.2 ppg, 1.51 ft3/sx, 7.20 gal/sx water)

Compressives           12-hr =           800 psi           24 hr = 1500 psi

TOC: 300' inside previous shoe

#### 5. Pressure Control Equipment

Once the permanent WH is installed on the 11-3/4" casing, the blow out preventer equipment (BOP) will consist of a 13-5/8" minimum 5M Hydril and a 13-5/8" minimum 10M 3-Ram BOP. MASP should not exceed 5819 psi. In any instance where 10M BOP is required by BLM, XTO requests a variance to utilize 5M annular with 10M ram preventers (a common BOP configuration, which allows use of 10M rams in unlikely event that pressures exceed 5M). Also a variance is requested to test the 5M annular to 70% of working pressure at 3500 psi.

All BOP testing will be done by an independent service company. Annular pressure tests will be limited to 70% of the working pressure. When nipping up on the 11-3/4", 10M bradenhead and flange, the BOP test will be limited to 10000 psi. All BOP tests will include a low pressure test as per BLM regulations. The 10M BOP diagrams are attached. Blind rams will

be functioned tested each trip, pipe rams will be functioned tested each day.

A variance is requested to allow use of a flex hose as the choke line from the BOP to the Choke Manifold. If this hose is used, a copy of the manufacturer's certification and pressure test chart will be kept on the rig. Attached is an example of a certification and pressure test chart. The manufacturer does not require anchors.

XTO requests a variance to be able to batch drill this well if necessary. In doing so, XTO will set each casing string and ensure that the well is cemented properly and the well is static. With floats holding, no pressure on the csg annulus, and the installation of a 10K TA cap as per GE recommendations, XTO will contact the BLM on each rig skid on the pad. Once surface and intermediate strings are all completed, XTO will begin drilling the production hole on each of the wells.

A variance is requested to **ONLY** test broken pressure seals on the BOP equipment when moving from wellhead to wellhead which is in compliance with API Standard 53. API standard 53 states, that for pad drilling operation, moving from one wellhead to another within 21 days, pressure testing is required for pressure-containing and pressure-controlling connections when the integrity of a pressure seal is broken. Based on discussions with the BLM on February 27th 2020, we will request permission to **ONLY** retest broken pressure seals if the following conditions are met: 1. After a full BOP test is conducted on the first well on the pad (First well will be the deepest Intermediate) 2. When skidding to drill an intermediate section does not penetrate into the Wolfcamp 3. Full BOP test will be required prior to drilling the production hole.

A variance is requested to cement offline for the surface and intermediate casing strings according to attached offline cementing supporting documentation.

## 6. Proposed Mud Circulation System

| INTERVAL         | Hole Size | Mud Type                                     | MW<br>(ppg) | Viscosity<br>(sec/qt) | Fluid Loss<br>(cc) |
|------------------|-----------|----------------------------------------------|-------------|-----------------------|--------------------|
| 0' - 1272'       | 14-3/4"   | FW / Native                                  | 8.4-8.8     | 35-40                 | NC                 |
| 1272' - 11255'   | 8-3/4"    | Brine / Cut<br>Brine /<br>Direct<br>Emulsion | 8.4-9.7     | 30-32                 | NC                 |
| 11255' to 19997' | 6-3/4"    | Cut Brine /<br>WBM /<br>OBM                  | 13-14       | 32-36                 | NC                 |

The necessary mud products for weight addition and fluid loss control will be on location at all times. Spud with fresh water/native mud and set 11-3/4" surface casing, isolating the fresh water aquifer. Drill out from under 11-3/4" surface casing with a brine/oil direct emulsion mud system. Use fibrous materials as needed to control seepage and lost circulation. Pump viscous sweeps as needed for hole cleaning. Pump speed will be recorded on a daily drilling report after mudding up. A Pason or Totco will be used to detect changes in loss or gain of mud volume. A mud test will be performed every 24 hours to determine: density, viscosity, strength, filtration and pH as necessary. Use available solids controls equipment to help keep mud weight down after mud up. Rig up solids control equipment to operate as a closed loop system.

## 7. Auxiliary Well Control and Monitoring Equipment

- A. A Kelly cock will be in the drill string at all times.
- B. A full opening drill pipe stabbing valve having appropriate connections will be on the rig floor at all times.
- C. H2S monitors will be on location when drilling below the 11-3/4" casing.

## 8. Logging, Coring and Testing Program

Mud Logger: Mud Logging Unit (2 man) below intermediate casing.

Open hole logging will not be done on this well.

## 9. Abnormal Pressures and Temperatures / Potential Hazards

None Anticipated. BHT of 165 to 185 F is anticipated. No H2S is expected but monitors will be in place to detect any H2S occurrences. Should these circumstances be encountered the operator and drilling contractor are prepared to take all necessary steps to ensure safety of all personnel and environment. Lost circulation could occur but is not expected to be a

serious problem in this area and hole seepage will be compensated for by additions of small amounts of LCM in the drilling fluid. The maximum anticipated bottom hole pressure for this well is 8475 psi.

#### **10. Anticipated Starting Date and Duration of Operations**

Road and location construction will begin after Santa Fe and BLM have approved the APD. Anticipated spud date will be as



# Planned Wellpath Report

PLU 27 BD 167H Rev-D.0

Page 1 of 7



## REFERENCE WELLPATH IDENTIFICATION

|          |                         |          |                |
|----------|-------------------------|----------|----------------|
| Operator | XTO Energy Inc.         | Well     | PLU 27 BD 167H |
| Field    | Wolfcamp (Eddy Co., NM) | API      | 30-015-46258   |
| Facility | PLU 27 BD Pad 1         | Wellbore | PLU 27 BD 167H |
| Slot     | PLU 27 BD 167H          |          |                |

## REPORT SETUP INFORMATION

|                     |                                                        |                  |                      |
|---------------------|--------------------------------------------------------|------------------|----------------------|
| Projection System   | NAD27 / TM New Mexico SP, Eastern Zone (3001), US feet | Software System  | WellArchitect® 6.0   |
| North Reference     | Grid                                                   | User             | Gail Deering         |
| Scale               | 0.999933                                               | Report Generated | 23/Sep/2020 at 11:02 |
| Convergence at slot | 0.25° East                                             | Database         | WA_HOU_Midland_Defn  |

## WELLPATH LOCATION

|                       | Local coordinates |          | Grid coordinates |                 | Geographic coordinates |                  |
|-----------------------|-------------------|----------|------------------|-----------------|------------------------|------------------|
|                       | North[ft]         | East[ft] | Easting[US ft]   | Northing[US ft] | Latitude               | Longitude        |
| Slot Location         | -1.10             | -90.01   | 645492.80        | 401178.50       | 32°06'7.5034"N         | 103°51'48.5088"W |
| Facility Reference Pt |                   |          | 645582.80        | 401179.60       | 32°06'7.5104"N         | 103°51'47.4624"W |
| Field Reference Pt    |                   |          | 152400.30        | 0.00            | 30°59'42.8458"N        | 105°26'33.6593"W |

## WELLPATH DATUM

|                          |                   |                                                        |                   |
|--------------------------|-------------------|--------------------------------------------------------|-------------------|
| Calculation method       | Minimum curvature | H&P 552 (RKB) to Facility Vertical Datum               | 3322.00ft         |
| Horizontal Reference Pt  | Slot              | H&P 552 (RKB) to Mean Sea Level                        | 3322.00ft         |
| Vertical Reference Pt    | H&P 552 (RKB)     | H&P 552 (RKB) to Ground Level at Slot (PLU 27 BD 167H) | 30.00ft           |
| MD Reference Pt          | H&P 552 (RKB)     | Section Origin                                         | N 0.00, E 0.00 ft |
| Field Vertical Reference | Mean Sea Level    | Section Azimuth                                        | 179.97°           |



# Planned Wellpath Report

PLU 27 BD 167H Rev-D.0  
Page 2 of 7



| REFERENCE WELLPATH IDENTIFICATION |                         |          |                |
|-----------------------------------|-------------------------|----------|----------------|
| Operator                          | XTO Energy Inc.         | Well     | PLU 27 BD 167H |
| Field                             | Wolfcamp (Eddy Co., NM) | API      | 30-015-46258   |
| Facility                          | PLU 27 BD Pad 1         | Wellbore | PLU 27 BD 167H |
| Slot                              | PLU 27 BD 167H          |          |                |

| WELLPATH DATA (236 stations) † = interpolated, ‡ = extrapolated station |                    |                |             |                   |               |              |                      |                       |                |                  |                  |                         |                        |                   |
|-------------------------------------------------------------------------|--------------------|----------------|-------------|-------------------|---------------|--------------|----------------------|-----------------------|----------------|------------------|------------------|-------------------------|------------------------|-------------------|
| MD<br>[ft]                                                              | Inclination<br>[°] | Azimuth<br>[°] | TVD<br>[ft] | Vert Sect<br>[ft] | North<br>[ft] | East<br>[ft] | Grid East<br>[US ft] | Grid North<br>[US ft] | Latitude       | Longitude        | DLS<br>[°/100ft] | Build Rate<br>[°/100ft] | Turn Rate<br>[°/100ft] | Comments          |
| 0.00†                                                                   | 0.000              | 81.290         | 0.00        | 0.00              | 0.00          | 0.00         | 645492.80            | 401178.50             | 32°06'7.5034"N | 103°51'48.5088"W | 0.00             | 0.00                    | 0.00                   |                   |
| 30.00                                                                   | 0.000              | 81.290         | 30.00       | 0.00              | 0.00          | 0.00         | 645492.80            | 401178.50             | 32°06'7.5034"N | 103°51'48.5088"W | 0.00             | 0.00                    | 0.00                   |                   |
| 232.00                                                                  | 2.060              | 81.290         | 231.96      | -0.55             | 0.55          | 3.59         | 645496.39            | 401179.05             | 32°06'7.5087"N | 103°51'48.4670"W | 1.02             | 1.02                    | 0.00                   |                   |
| 323.00                                                                  | 2.050              | 81.560         | 322.90      | -1.03             | 1.04          | 6.82         | 645499.62            | 401179.54             | 32°06'7.5133"N | 103°51'48.4295"W | 0.02             | -0.01                   | 0.30                   |                   |
| 416.00                                                                  | 1.970              | 76.380         | 415.84      | -1.65             | 1.66          | 10.01        | 645502.81            | 401180.16             | 32°06'7.5193"N | 103°51'48.3923"W | 0.21             | -0.09                   | -5.57                  |                   |
| 508.00                                                                  | 1.700              | 72.210         | 507.79      | -2.44             | 2.45          | 12.85        | 645505.65            | 401180.95             | 32°06'7.5270"N | 103°51'48.3593"W | 0.33             | -0.29                   | -4.53                  |                   |
| 600.00                                                                  | 1.680              | 73.330         | 599.75      | -3.24             | 3.25          | 15.44        | 645508.24            | 401181.75             | 32°06'7.5349"N | 103°51'48.3291"W | 0.04             | -0.02                   | 1.22                   |                   |
| 693.00                                                                  | 1.870              | 72.670         | 692.71      | -4.08             | 4.09          | 18.20        | 645511.00            | 401182.59             | 32°06'7.5431"N | 103°51'48.2971"W | 0.21             | 0.20                    | -0.71                  |                   |
| 785.00                                                                  | 2.600              | 55.010         | 784.64      | -5.73             | 5.74          | 21.34        | 645514.14            | 401184.24             | 32°06'7.5592"N | 103°51'48.2604"W | 1.08             | 0.79                    | -19.20                 |                   |
| 876.00                                                                  | 3.620              | 45.740         | 875.50      | -8.91             | 8.93          | 25.09        | 645517.89            | 401187.42             | 32°06'7.5906"N | 103°51'48.2167"W | 1.25             | 1.12                    | -10.19                 |                   |
| 905.56†                                                                 | 3.807              | 45.224         | 905.00      | -10.25            | 10.27         | 26.45        | 645519.25            | 401188.77             | 32°06'7.6038"N | 103°51'48.2008"W | 0.64             | 0.63                    | -1.75                  | RSLR              |
| 969.00                                                                  | 4.210              | 44.270         | 968.29      | -13.40            | 13.42         | 29.57        | 645522.37            | 401191.92             | 32°06'7.6349"N | 103°51'48.1643"W | 0.64             | 0.63                    | -1.50                  |                   |
| 1028.87†                                                                | 4.039              | 41.973         | 1028.00     | -16.54            | 16.56         | 32.52        | 645525.32            | 401195.06             | 32°06'7.6658"N | 103°51'48.1300"W | 0.40             | -0.29                   | -3.84                  | Magenta Dolomite  |
| 1061.00                                                                 | 3.950              | 40.660         | 1060.05     | -18.22            | 18.24         | 34.00        | 645526.79            | 401196.74             | 32°06'7.6824"N | 103°51'48.1127"W | 0.40             | -0.28                   | -4.09                  |                   |
| 1156.00                                                                 | 3.920              | 39.710         | 1154.83     | -23.20            | 23.22         | 38.20        | 645531.00            | 401201.72             | 32°06'7.7315"N | 103°51'48.0635"W | 0.08             | -0.03                   | -1.00                  |                   |
| 1320.00                                                                 | 4.590              | 45.680         | 1318.38     | -32.09            | 32.12         | 46.48        | 645539.28            | 401210.62             | 32°06'7.8192"N | 103°51'47.9669"W | 0.49             | 0.41                    | 3.64                   |                   |
| 1323.63†                                                                | 4.468              | 46.247         | 1322.00     | -32.29            | 32.32         | 46.68        | 645539.48            | 401210.82             | 32°06'7.8212"N | 103°51'47.9645"W | 3.58             | -3.36                   | 15.60                  | Salado (Top Salt) |
| 1416.00                                                                 | 1.790              | 86.320         | 1414.23     | -34.87            | 34.90         | 50.72        | 645543.52            | 401213.40             | 32°06'7.8465"N | 103°51'47.9174"W | 3.58             | -2.90                   | 43.39                  |                   |
| 1512.00                                                                 | 2.390              | 168.990        | 1510.18     | -33.00            | 33.03         | 52.60        | 645545.40            | 401211.53             | 32°06'7.8280"N | 103°51'47.8956"W | 2.91             | 0.63                    | 86.11                  |                   |
| 1608.00                                                                 | 4.200              | 181.940        | 1606.02     | -27.52            | 27.55         | 52.87        | 645545.66            | 401206.05             | 32°06'7.7737"N | 103°51'47.8928"W | 2.03             | 1.89                    | 13.49                  |                   |
| 1704.00                                                                 | 5.560              | 169.810        | 1701.67     | -19.43            | 19.46         | 53.57        | 645546.37            | 401197.96             | 32°06'7.6936"N | 103°51'47.8851"W | 1.77             | 1.42                    | -12.64                 |                   |
| 1800.00                                                                 | 5.340              | 173.610        | 1797.24     | -10.41            | 10.44         | 54.89        | 645547.69            | 401188.94             | 32°06'7.6043"N | 103°51'47.8702"W | 0.44             | -0.23                   | 3.96                   |                   |
| 1896.00                                                                 | 4.720              | 180.830        | 1892.87     | -2.03             | 2.05          | 55.33        | 645548.13            | 401180.55             | 32°06'7.5213"N | 103°51'47.8655"W | 0.92             | -0.65                   | 7.52                   |                   |
| 1992.00                                                                 | 4.400              | 176.320        | 1988.57     | 5.60              | -5.57         | 55.51        | 645548.31            | 401172.93             | 32°06'7.4459"N | 103°51'47.8638"W | 0.50             | -0.33                   | -4.70                  |                   |
| 2087.00                                                                 | 4.660              | 174.430        | 2083.27     | 13.08             | -13.05        | 56.12        | 645548.91            | 401165.45             | 32°06'7.3718"N | 103°51'47.8571"W | 0.32             | 0.27                    | -1.99                  |                   |
| 2182.00                                                                 | 4.230              | 166.350        | 2177.99     | 20.32             | -20.29        | 57.32        | 645550.12            | 401158.21             | 32°06'7.3001"N | 103°51'47.8435"W | 0.80             | -0.45                   | -8.51                  |                   |
| 2255.19†                                                                | 3.810              | 164.281        | 2251.00     | 25.29             | -25.26        | 58.61        | 645551.41            | 401153.25             | 32°06'7.2509"N | 103°51'47.8287"W | 0.61             | -0.57                   | -2.83                  | CSTL              |
| 2278.00                                                                 | 3.680              | 163.540        | 2273.76     | 26.72             | -26.69        | 59.03        | 645551.82            | 401151.81             | 32°06'7.2367"N | 103°51'47.8240"W | 0.61             | -0.57                   | -3.25                  |                   |
| 2374.00                                                                 | 3.230              | 163.390        | 2369.58     | 32.27             | -32.23        | 60.67        | 645553.47            | 401146.27             | 32°06'7.1818"N | 103°51'47.8051"W | 0.47             | -0.47                   | -0.16                  |                   |
| 2468.00                                                                 | 3.020              | 165.380        | 2463.44     | 37.20             | -37.17        | 62.06        | 645554.85            | 401141.33             | 32°06'7.1329"N | 103°51'47.7893"W | 0.25             | -0.22                   | 2.12                   |                   |
| 2563.00                                                                 | 3.000              | 166.360        | 2558.31     | 42.04             | -42.01        | 63.27        | 645556.07            | 401136.50             | 32°06'7.0850"N | 103°51'47.7754"W | 0.06             | -0.02                   | 1.03                   |                   |
| 2658.00                                                                 | 2.610              | 164.990        | 2653.20     | 46.54             | -46.51        | 64.42        | 645557.22            | 401131.99             | 32°06'7.0403"N | 103°51'47.7623"W | 0.42             | -0.41                   | -1.44                  |                   |
| 2753.00                                                                 | 1.900              | 156.870        | 2748.12     | 50.08             | -50.05        | 65.60        | 645558.39            | 401128.46             | 32°06'7.0053"N | 103°51'47.7488"W | 0.82             | -0.75                   | -8.55                  |                   |
| 2848.00                                                                 | 2.670              | 132.610        | 2843.05     | 53.03             | -52.99        | 67.85        | 645560.64            | 401125.51             | 32°06'6.9760"N | 103°51'47.7228"W | 1.28             | 0.81                    | -25.54                 |                   |
| 2943.00                                                                 | 2.810              | 120.670        | 2937.94     | 55.72             | -55.68        | 71.48        | 645564.27            | 401122.82             | 32°06'6.9493"N | 103°51'47.6807"W | 0.62             | 0.15                    | -12.57                 |                   |
| 3038.00                                                                 | 3.030              | 116.540        | 3032.82     | 58.03             | -57.99        | 75.73        | 645568.52            | 401120.51             | 32°06'6.9263"N | 103°51'47.6314"W | 0.32             | 0.23                    | -4.35                  |                   |
| 3134.00                                                                 | 2.790              | 117.190        | 3128.69     | 60.23             | -60.19        | 80.07        | 645572.87            | 401118.31             | 32°06'6.9043"N | 103°51'47.5810"W | 0.25             | -0.25                   | 0.68                   |                   |
| 3230.00                                                                 | 3.460              | 124.620        | 3224.55     | 62.95             | -62.90        | 84.54        | 645577.33            | 401115.60             | 32°06'6.8772"N | 103°51'47.5293"W | 0.81             | 0.70                    | 7.74                   |                   |
| 3326.00                                                                 | 3.480              | 121.690        | 3320.38     | 66.13             | -66.08        | 89.40        | 645582.19            | 401112.42             | 32°06'6.8456"N | 103°51'47.4729"W | 0.19             | 0.02                    | -3.05                  |                   |
| 3421.00                                                                 | 0.930              | 145.480        | 3415.30     | 68.28             | -68.23        | 92.29        | 645585.08            | 401110.27             | 32°06'6.8242"N | 103°51'47.4394"W | 2.80             | -2.68                   | 25.04                  |                   |
| 3517.00                                                                 | 1.250              | 161.320        | 3511.28     | 69.91             | -69.87        | 93.07        | 645585.86            | 401108.64             | 32°06'6.8080"N | 103°51'47.4304"W | 0.45             | 0.33                    | 16.50                  |                   |
| 3613.00                                                                 | 2.540              | 152.180        | 3607.23     | 72.79             | -72.74        | 94.40        | 645587.19            | 401105.77             | 32°06'6.7795"N | 103°51'47.4152"W | 1.38             | 1.34                    | -9.52                  |                   |
| 3709.00                                                                 | 1.370              | 164.000        | 3703.17     | 75.77             | -75.72        | 95.71        | 645588.50            | 401102.78             | 32°06'6.7499"N | 103°51'47.4001"W | 1.28             | -1.22                   | 12.31                  |                   |
| 3712.83†                                                                | 1.332              | 163.902        | 3707.00     | 75.86             | -75.81        | 95.73        | 645588.52            | 401102.70             | 32°06'6.7491"N | 103°51'47.3998"W | 1.01             | -1.00                   | -2.56                  | Salt_B            |
| 3804.00                                                                 | 0.420              | 156.280        | 3798.16     | 77.18             | -77.13        | 96.16        | 645588.95            | 401101.37             | 32°06'6.7359"N | 103°51'47.3949"W | 1.01             | -1.00                   | -8.36                  |                   |



# Planned Wellpath Report

PLU 27 BD 167H Rev-D.0

Page 3 of 7



## REFERENCE WELLPATH IDENTIFICATION

|          |                         |          |                |
|----------|-------------------------|----------|----------------|
| Operator | XTO Energy Inc.         | Well     | PLU 27 BD 167H |
| Field    | Wolfcamp (Eddy Co., NM) | API      | 30-015-46258   |
| Facility | PLU 27 BD Pad 1         | Wellbore | PLU 27 BD 167H |
| Slot     | PLU 27 BD 167H          |          |                |

## WELLPATH DATA (236 stations) † = interpolated, ‡ = extrapolated station

| MD<br>[ft] | Inclination<br>[°] | Azimuth<br>[°] | TVD<br>[ft] | Vert Sect<br>[ft] | North<br>[ft] | East<br>[ft] | Grid East<br>[US ft] | Grid North<br>[US ft] | Latitude       | Longitude        | DLS<br>[°/100ft] | Build Rate<br>[°/100ft] | Turn Rate<br>[°/100ft] | Comments     |
|------------|--------------------|----------------|-------------|-------------------|---------------|--------------|----------------------|-----------------------|----------------|------------------|------------------|-------------------------|------------------------|--------------|
| 3900.00    | 0.310              | 227.400        | 3894.16     | 77.68             | -77.63        | 96.11        | 645588.90            | 401100.87             | 32°06'6.7310"N | 103°51'47.3955"W | 0.45             | -0.11                   | 74.08                  |              |
| 3938.85†   | 0.361              | 237.232        | 3933.00     | 77.82             | -77.77        | 95.93        | 645588.72            | 401100.74             | 32°06'6.7297"N | 103°51'47.3976"W | 0.20             | 0.13                    | 25.31                  | DLWR         |
| 3996.00    | 0.450              | 247.200        | 3990.15     | 78.00             | -77.95        | 95.57        | 645588.36            | 401100.55             | 32°06'6.7279"N | 103°51'47.4018"W | 0.20             | 0.16                    | 17.44                  |              |
| 4092.00    | 0.610              | 256.780        | 4086.15     | 78.27             | -78.22        | 94.72        | 645587.52            | 401100.29             | 32°06'6.7253"N | 103°51'47.4116"W | 0.19             | 0.17                    | 9.98                   |              |
| 4188.00    | 0.390              | 236.750        | 4182.15     | 78.56             | -78.51        | 93.95        | 645586.75            | 401099.99             | 32°06'6.7224"N | 103°51'47.4206"W | 0.29             | -0.23                   | -20.86                 |              |
| 4284.00    | 0.650              | 228.890        | 4278.14     | 79.10             | -79.05        | 93.27        | 645586.06            | 401099.46             | 32°06'6.7171"N | 103°51'47.4286"W | 0.28             | 0.27                    | -8.19                  |              |
| 4379.00    | 0.620              | 234.880        | 4373.14     | 79.75             | -79.70        | 92.44        | 645585.24            | 401098.81             | 32°06'6.7107"N | 103°51'47.4382"W | 0.08             | -0.03                   | 6.31                   |              |
| 4474.00    | 0.700              | 247.110        | 4468.13     | 80.27             | -80.22        | 91.49        | 645584.28            | 401098.28             | 32°06'6.7056"N | 103°51'47.4493"W | 0.17             | 0.08                    | 12.87                  |              |
| 4568.00    | 0.940              | 250.940        | 4562.12     | 80.74             | -80.70        | 90.23        | 645583.03            | 401097.81             | 32°06'6.7009"N | 103°51'47.4640"W | 0.26             | 0.26                    | 4.07                   |              |
| 4664.00    | 0.680              | 256.050        | 4658.11     | 81.14             | -81.09        | 88.93        | 645581.73            | 401097.42             | 32°06'6.6971"N | 103°51'47.4791"W | 0.28             | -0.27                   | 5.32                   |              |
| 4760.00    | 0.780              | 270.960        | 4754.10     | 81.26             | -81.22        | 87.73        | 645580.52            | 401097.29             | 32°06'6.6959"N | 103°51'47.4931"W | 0.22             | 0.10                    | 15.53                  |              |
| 4856.00    | 0.880              | 238.020        | 4850.09     | 81.64             | -81.60        | 86.45        | 645579.24            | 401096.91             | 32°06'6.6922"N | 103°51'47.5080"W | 0.50             | 0.10                    | -34.31                 |              |
| 4861.91†   | 0.877              | 238.275        | 4856.00     | 81.69             | -81.64        | 86.37        | 645579.17            | 401096.86             | 32°06'6.6917"N | 103°51'47.5089"W | 0.08             | -0.04                   | 4.32                   | CRCN         |
| 4951.00    | 0.840              | 242.310        | 4945.08     | 82.35             | -82.31        | 85.21        | 645578.01            | 401096.20             | 32°06'6.6852"N | 103°51'47.5224"W | 0.08             | -0.04                   | 4.53                   |              |
| 5046.00    | 0.780              | 256.160        | 5040.07     | 82.83             | -82.78        | 83.97        | 645576.76            | 401095.72             | 32°06'6.6805"N | 103°51'47.5369"W | 0.21             | -0.06                   | 14.58                  |              |
| 5141.00    | 0.870              | 256.250        | 5135.06     | 83.15             | -83.11        | 82.64        | 645575.44            | 401095.40             | 32°06'6.6774"N | 103°51'47.5523"W | 0.09             | 0.09                    | 0.09                   |              |
| 5236.00    | 0.920              | 256.620        | 5230.05     | 83.50             | -83.46        | 81.20        | 645573.99            | 401095.05             | 32°06'6.6740"N | 103°51'47.5691"W | 0.05             | 0.05                    | 0.39                   |              |
| 5332.00    | 0.810              | 264.980        | 5326.04     | 83.74             | -83.70        | 79.77        | 645572.57            | 401094.81             | 32°06'6.6717"N | 103°51'47.5857"W | 0.17             | -0.11                   | 8.71                   |              |
| 5427.00    | 0.640              | 274.310        | 5421.03     | 83.76             | -83.72        | 78.57        | 645571.37            | 401094.79             | 32°06'6.6716"N | 103°51'47.5996"W | 0.22             | -0.18                   | 9.82                   |              |
| 5522.00    | 0.380              | 217.720        | 5516.03     | 83.97             | -83.92        | 77.85        | 645570.65            | 401094.02             | 32°06'6.6695"N | 103°51'47.6080"W | 0.56             | -0.27                   | -59.57                 |              |
| 5618.00    | 0.550              | 237.000        | 5612.03     | 84.47             | -84.43        | 77.27        | 645570.07            | 401094.08             | 32°06'6.6646"N | 103°51'47.6148"W | 0.24             | 0.18                    | 20.08                  |              |
| 5714.00    | 0.100              | 181.050        | 5708.02     | 84.80             | -84.76        | 76.88        | 645569.68            | 401093.74             | 32°06'6.6613"N | 103°51'47.6193"W | 0.52             | -0.47                   | -58.28                 |              |
| 5810.00    | 0.290              | 211.880        | 5804.02     | 85.09             | -85.05        | 76.75        | 645569.55            | 401093.45             | 32°06'6.6584"N | 103°51'47.6209"W | 0.22             | 0.20                    | 32.11                  |              |
| 5904.00    | 0.310              | 155.350        | 5898.02     | 85.53             | -85.49        | 76.73        | 645569.53            | 401093.02             | 32°06'6.6541"N | 103°51'47.6211"W | 0.30             | 0.02                    | -60.14                 |              |
| 5999.00    | 0.590              | 164.430        | 5993.02     | 86.23             | -86.19        | 76.97        | 645569.77            | 401092.32             | 32°06'6.6472"N | 103°51'47.6184"W | 0.30             | 0.29                    | 9.56                   |              |
| 6094.00    | 1.050              | 146.810        | 6088.01     | 87.43             | -87.39        | 77.58        | 645570.38            | 401091.12             | 32°06'6.6353"N | 103°51'47.6114"W | 0.55             | 0.48                    | -18.55                 |              |
| 6190.00    | 1.180              | 133.100        | 6183.99     | 88.84             | -88.80        | 78.78        | 645571.58            | 401089.71             | 32°06'6.6212"N | 103°51'47.5975"W | 0.31             | 0.14                    | -14.28                 |              |
| 6285.00    | 1.030              | 140.010        | 6278.97     | 90.17             | -90.12        | 80.05        | 645572.84            | 401088.38             | 32°06'6.6081"N | 103°51'47.5828"W | 0.21             | -0.16                   | 7.27                   |              |
| 6380.00    | 1.130              | 148.790        | 6373.96     | 91.62             | -91.58        | 81.08        | 645573.88            | 401086.93             | 32°06'6.5936"N | 103°51'47.5709"W | 0.20             | 0.11                    | 9.24                   |              |
| 6426.05†   | 0.981              | 141.067        | 6420.00     | 92.32             | -92.27        | 81.56        | 645574.36            | 401086.23             | 32°06'6.5867"N | 103°51'47.5653"W | 0.45             | -0.32                   | -16.77                 | BYCN         |
| 6475.00    | 0.850              | 130.120        | 6468.94     | 92.88             | -92.83        | 82.11        | 645574.90            | 401085.67             | 32°06'6.5812"N | 103°51'47.5590"W | 0.45             | -0.27                   | -22.36                 |              |
| 6569.00    | 0.670              | 175.400        | 6562.94     | 93.87             | -93.83        | 82.68        | 645575.48            | 401084.68             | 32°06'6.5713"N | 103°51'47.5524"W | 0.65             | -0.19                   | 48.17                  |              |
| 6664.00    | 0.710              | 165.730        | 6657.93     | 95.00             | -94.96        | 82.87        | 645575.67            | 401083.55             | 32°06'6.5602"N | 103°51'47.5502"W | 0.13             | 0.04                    | -10.18                 |              |
| 6759.00    | 0.570              | 160.770        | 6752.92     | 96.02             | -95.97        | 83.17        | 645575.97            | 401082.53             | 32°06'6.5501"N | 103°51'47.5468"W | 0.16             | -0.15                   | -5.22                  |              |
| 6854.00    | 0.570              | 195.180        | 6847.92     | 96.92             | -96.87        | 83.20        | 645576.00            | 401081.63             | 32°06'6.5412"N | 103°51'47.5465"W | 0.35             | 0.00                    | 36.22                  |              |
| 6950.00    | 0.260              | 183.270        | 6943.92     | 97.60             | -97.55        | 83.07        | 645575.86            | 401080.95             | 32°06'6.5344"N | 103°51'47.5481"W | 0.33             | -0.32                   | -12.41                 |              |
| 7045.00    | 0.660              | 174.000        | 7038.91     | 98.36             | -98.31        | 83.11        | 645575.91            | 401080.19             | 32°06'6.5269"N | 103°51'47.5476"W | 0.43             | 0.42                    | -9.76                  |              |
| 7140.00    | 0.490              | 206.960        | 7133.91     | 99.26             | -99.22        | 82.99        | 645575.78            | 401079.29             | 32°06'6.5180"N | 103°51'47.5491"W | 0.38             | -0.18                   | 34.69                  |              |
| 7235.00    | 0.680              | 214.760        | 7228.90     | 100.09            | -100.04       | 82.48        | 645575.27            | 401078.46             | 32°06'6.5098"N | 103°51'47.5551"W | 0.22             | 0.20                    | 8.21                   |              |
| 7427.00    | 0.920              | 208.140        | 7420.88     | 102.38            | -102.34       | 81.10        | 645573.90            | 401076.17             | 32°06'6.4872"N | 103°51'47.5712"W | 0.13             | 0.12                    | -3.45                  |              |
| 7523.00    | 1.010              | 201.700        | 7516.87     | 103.85            | -103.80       | 80.43        | 645573.22            | 401074.70             | 32°06'6.4727"N | 103°51'47.5791"W | 0.15             | 0.09                    | -6.71                  |              |
| 7618.00    | 0.920              | 224.780        | 7611.86     | 105.17            | -105.12       | 79.58        | 645572.37            | 401073.38             | 32°06'6.4597"N | 103°51'47.5890"W | 0.42             | -0.09                   | 24.29                  |              |
| 7714.00    | 0.900              | 228.080        | 7707.85     | 106.22            | -106.17       | 78.48        | 645571.27            | 401072.33             | 32°06'6.4493"N | 103°51'47.6019"W | 0.06             | -0.02                   | 3.44                   |              |
| 7730.16†   | 0.906              | 226.334        | 7724.00     | 106.39            | -106.35       | 78.29        | 645571.08            | 401072.16             | 32°06'6.4476"N | 103°51'47.6041"W | 0.17             | 0.04                    | -10.81                 | BSPG         |
| 7749.16†   | 0.915              | 224.313        | 7743.00     | 106.60            | -106.56       | 78.07        | 645570.87            | 401071.95             | 32°06'6.4455"N | 103°51'47.6066"W | 0.17             | 0.05                    | -10.63                 | BSPG_AVLN_SS |



# Planned Wellpath Report

PLU 27 BD 167H Rev-D.0  
Page 4 of 7



## REFERENCE WELLPATH IDENTIFICATION

|          |                         |          |                |
|----------|-------------------------|----------|----------------|
| Operator | XTO Energy Inc.         | Well     | PLU 27 BD 167H |
| Field    | Wolfcamp (Eddy Co., NM) | API      | 30-015-46258   |
| Facility | PLU 27 BD Pad 1         | Wellbore | PLU 27 BD 167H |
| Slot     | PLU 27 BD 167H          |          |                |

## WELLPATH DATA (236 stations) † = interpolated, ‡ = extrapolated station

| MD<br>[ft] | Inclination<br>[°] | Azimuth<br>[°] | TVD<br>[ft] | Vert Sect<br>[ft] | North<br>[ft] | East<br>[ft] | Grid East<br>[US ft] | Grid North<br>[US ft] | Latitude       | Longitude        | DLS<br>[°/100ft] | Build Rate<br>[°/100ft] | Turn Rate<br>[°/100ft] | Comments       |
|------------|--------------------|----------------|-------------|-------------------|---------------|--------------|----------------------|-----------------------|----------------|------------------|------------------|-------------------------|------------------------|----------------|
| 7764.16†   | 0.923              | 222.746        | 7758.00     | 106.77            | -106.73       | 77.91        | 645570.70            | 401071.77             | 32°06'6.4438"N | 103°51'47.6085"W | 0.17             | 0.05                    | -10.44                 | BSPG_U_AVLN_SH |
| 7810.00    | 0.950              | 218.130        | 7803.83     | 107.34            | -107.30       | 77.42        | 645570.22            | 401071.20             | 32°06'6.4382"N | 103°51'47.6142"W | 0.17             | 0.06                    | -10.07                 |                |
| 7905.00    | 0.980              | 242.360        | 7898.82     | 108.34            | -108.30       | 76.22        | 645569.01            | 401070.21             | 32°06'6.4284"N | 103°51'47.6283"W | 0.43             | 0.03                    | 25.51                  |                |
| 8001.00    | 1.550              | 261.210        | 7994.80     | 108.92            | -108.88       | 74.21        | 645567.00            | 401069.63             | 32°06'6.4227"N | 103°51'47.6517"W | 0.73             | 0.59                    | 19.64                  |                |
| 8096.00    | 1.240              | 252.150        | 8089.77     | 109.43            | -109.39       | 71.96        | 645564.75            | 401069.12             | 32°06'6.4178"N | 103°51'47.6778"W | 0.40             | -0.33                   | -9.54                  |                |
| 8161.24†   | 0.706              | 268.297        | 8155.00     | 109.66            | -109.62       | 70.89        | 645563.68            | 401068.89             | 32°06'6.4156"N | 103°51'47.6903"W | 0.91             | -0.82                   | 24.75                  | BSPG_L_AVLN_SH |
| 8191.00    | 0.510              | 286.260        | 8184.76     | 109.62            | -109.59       | 70.57        | 645563.37            | 401068.92             | 32°06'6.4159"N | 103°51'47.6939"W | 0.91             | -0.66                   | 60.36                  |                |
| 8286.00    | 0.360              | 10.960         | 8279.76     | 109.21            | -109.18       | 70.23        | 645563.02            | 401069.33             | 32°06'6.4200"N | 103°51'47.6980"W | 0.63             | -0.16                   | 89.16                  |                |
| 8382.00    | 0.970              | 14.210         | 8375.75     | 108.13            | -108.09       | 70.48        | 645563.28            | 401070.41             | 32°06'6.4307"N | 103°51'47.6949"W | 0.64             | 0.64                    | 3.39                   |                |
| 8478.00    | 1.530              | 342.620        | 8471.73     | 106.12            | -106.08       | 70.30        | 645563.09            | 401072.43             | 32°06'6.4506"N | 103°51'47.6970"W | 0.90             | 0.58                    | -32.91                 |                |
| 8574.00    | 1.930              | 338.850        | 8567.68     | 103.39            | -103.35       | 69.33        | 645562.13            | 401075.16             | 32°06'6.4777"N | 103°51'47.7081"W | 0.43             | 0.42                    | -3.93                  |                |
| 8671.38†   | 2.206              | 331.550        | 8665.00     | 100.21            | -100.17       | 67.85        | 645560.64            | 401078.33             | 32°06'6.5092"N | 103°51'47.7251"W | 0.39             | 0.28                    | -7.50                  | BSPG1          |
| 8766.00    | 2.500              | 326.080        | 8759.54     | 96.90             | -96.86        | 65.83        | 645558.63            | 401081.65             | 32°06'6.5420"N | 103°51'47.7485"W | 0.39             | 0.31                    | -5.78                  |                |
| 8862.00    | 2.520              | 321.770        | 8855.45     | 93.50             | -93.47        | 63.36        | 645556.15            | 401085.04             | 32°06'6.5757"N | 103°51'47.7770"W | 0.20             | 0.02                    | -4.49                  |                |
| 8958.00    | 2.660              | 323.910        | 8951.35     | 90.04             | -90.01        | 60.74        | 645553.53            | 401088.50             | 32°06'6.6101"N | 103°51'47.8073"W | 0.18             | 0.15                    | 2.23                   |                |
| 9053.00    | 1.400              | 303.540        | 9046.29     | 87.62             | -87.58        | 58.47        | 645551.27            | 401090.92             | 32°06'6.6341"N | 103°51'47.8335"W | 1.51             | -1.33                   | -21.44                 |                |
| 9076.72†   | 1.247              | 298.041        | 9070.00     | 87.33             | -87.30        | 58.00        | 645550.80            | 401091.20             | 32°06'6.6370"N | 103°51'47.8390"W | 0.84             | -0.64                   | -23.19                 | BSPG2          |
| 9149.00    | 0.900              | 271.020        | 9142.27     | 86.95             | -86.92        | 56.74        | 645549.54            | 401091.58             | 32°06'6.6408"N | 103°51'47.8536"W | 0.84             | -0.48                   | -37.38                 |                |
| 9245.00    | 1.130              | 223.670        | 9238.26     | 87.62             | -87.59        | 55.33        | 645548.13            | 401090.91             | 32°06'6.6342"N | 103°51'47.8700"W | 0.88             | 0.24                    | -49.32                 |                |
| 9341.00    | 1.610              | 190.320        | 9334.23     | 89.63             | -89.61        | 54.44        | 645547.23            | 401088.90             | 32°06'6.6143"N | 103°51'47.8805"W | 0.95             | 0.50                    | -34.74                 |                |
| 9437.00    | 1.900              | 186.520        | 9430.19     | 92.54             | -92.51        | 54.01        | 645546.81            | 401085.99             | 32°06'6.5856"N | 103°51'47.8856"W | 0.33             | 0.30                    | -3.96                  |                |
| 9533.00    | 1.490              | 187.560        | 9526.14     | 95.36             | -95.33        | 53.67        | 645546.47            | 401083.17             | 32°06'6.5577"N | 103°51'47.8897"W | 0.43             | -0.43                   | 1.08                   |                |
| 9536.86†   | 1.510              | 187.567        | 9530.00     | 95.46             | -95.43        | 53.66        | 645546.45            | 401083.07             | 32°06'6.5567"N | 103°51'47.8899"W | 0.51             | 0.51                    | 0.18                   | BSPG2          |
| 9629.00    | 1.980              | 187.690        | 9622.10     | 98.24             | -98.21        | 53.28        | 645546.08            | 401080.29             | 32°06'6.5292"N | 103°51'47.8944"W | 0.51             | 0.51                    | 0.13                   |                |
| 9724.00    | 2.110              | 190.510        | 9717.04     | 101.59            | -101.56       | 52.75        | 645545.54            | 401076.95             | 32°06'6.4961"N | 103°51'47.9008"W | 0.17             | 0.14                    | 2.97                   |                |
| 9820.00    | 1.680              | 207.460        | 9812.99     | 104.57            | -104.55       | 51.77        | 645544.57            | 401073.96             | 32°06'6.4666"N | 103°51'47.9122"W | 0.73             | -0.45                   | 17.66                  |                |
| 9874.04†   | 1.749              | 220.461        | 9867.00     | 105.90            | -105.88       | 50.87        | 645543.67            | 401072.63             | 32°06'6.4535"N | 103°51'47.9228"W | 0.73             | 0.13                    | 24.06                  | BSPG3_LM       |
| 9916.00    | 1.860              | 229.540        | 9908.94     | 106.83            | -106.81       | 49.94        | 645542.74            | 401071.70             | 32°06'6.4443"N | 103°51'47.9337"W | 0.73             | 0.26                    | 21.64                  |                |
| 10012.00   | 2.350              | 232.050        | 10004.88    | 109.05            | -109.03       | 47.20        | 645540.00            | 401069.48             | 32°06'6.4225"N | 103°51'47.9656"W | 0.52             | 0.51                    | 2.61                   |                |
| 10108.00   | 3.340              | 225.950        | 10100.76    | 112.20            | -112.18       | 43.64        | 645536.44            | 401066.33             | 32°06'6.3914"N | 103°51'48.0072"W | 1.08             | 1.03                    | -6.35                  |                |
| 10203.00   | 3.020              | 221.350        | 10195.61    | 116.01            | -115.98       | 40.00        | 645532.79            | 401062.52             | 32°06'6.3539"N | 103°51'48.0497"W | 0.43             | -0.34                   | -4.84                  |                |
| 10234.00   | 2.970              | 225.270        | 10226.57    | 117.18            | -117.16       | 38.89        | 645531.68            | 401061.35             | 32°06'6.3423"N | 103°51'48.0627"W | 0.68             | -0.16                   | 12.65                  |                |
| 10242.44†  | 2.950              | 224.635        | 10235.00    | 117.49            | -117.47       | 38.58        | 645531.38            | 401061.04             | 32°06'6.3393"N | 103°51'48.0663"W | 0.46             | -0.24                   | -7.52                  | BSPG_HRKY      |
| 10331.00   | 2.760              | 217.450        | 10323.45    | 120.80            | -120.79       | 35.68        | 645528.48            | 401057.72             | 32°06'6.3066"N | 103°51'48.1001"W | 0.46             | -0.21                   | -8.11                  |                |
| 10427.00   | 2.350              | 223.800        | 10419.35    | 124.06            | -124.04       | 32.91        | 645525.71            | 401054.47             | 32°06'6.2745"N | 103°51'48.1325"W | 0.52             | -0.43                   | 6.61                   |                |
| 10523.00   | 2.090              | 228.950        | 10515.28    | 126.63            | -126.61       | 30.23        | 645523.03            | 401051.90             | 32°06'6.2492"N | 103°51'48.1638"W | 0.34             | -0.27                   | 5.36                   |                |
| 10619.00   | 1.510              | 229.150        | 10611.23    | 128.60            | -128.59       | 27.96        | 645520.75            | 401049.92             | 32°06'6.2297"N | 103°51'48.1903"W | 0.60             | -0.60                   | 0.21                   |                |
| 10667.78†  | 1.448              | 223.998        | 10660.00    | 129.47            | -129.45       | 27.04        | 645519.84            | 401049.06             | 32°06'6.2212"N | 103°51'48.2010"W | 0.30             | -0.13                   | -10.56                 | BSPG3          |
| 10715.00   | 1.400              | 218.620        | 10707.20    | 130.35            | -130.33       | 26.27        | 645519.06            | 401048.18             | 32°06'6.2125"N | 103°51'48.2101"W | 0.30             | -0.10                   | -11.39                 |                |
| 10810.00   | 1.690              | 226.010        | 10802.17    | 132.22            | -132.21       | 24.53        | 645517.33            | 401046.30             | 32°06'6.1940"N | 103°51'48.2303"W | 0.37             | 0.31                    | 7.78                   |                |
| 10906.00   | 0.920              | 202.770        | 10898.14    | 133.92            | -133.90       | 23.22        | 645516.02            | 401044.60             | 32°06'6.1773"N | 103°51'48.2457"W | 0.96             | -0.80                   | -24.21                 |                |
| 11002.00   | 1.050              | 182.720        | 10994.13    | 135.51            | -135.49       | 22.88        | 645515.68            | 401043.02             | 32°06'6.1616"N | 103°51'48.2497"W | 0.38             | 0.14                    | -20.89                 |                |
| 11062.88†  | 1.191              | 190.532        | 11055.00    | 136.69            | -136.67       | 22.74        | 645515.53            | 401041.84             | 32°06'6.1499"N | 103°51'48.2514"W | 0.34             | 0.23                    | 12.83                  | WFMP           |
| 11090.89†  | 1.261              | 193.516        | 11083.00    | 137.27            | -137.26       | 22.61        | 645515.41            | 401041.25             | 32°06'6.1441"N | 103°51'48.2529"W | 0.34             | 0.25                    | 10.65                  | WFMP_E         |
| 11092.89†  | 1.267              | 193.716        | 11085.00    | 137.31            | -137.30       | 22.60        | 645515.40            | 401041.21             | 32°06'6.1437"N | 103°51'48.2530"W | 0.34             | 0.26                    | 10.01                  | WFMP_X         |



# Planned Wellpath Report

PLU 27 BD 167H Rev-D.0  
Page 5 of 7



| REFERENCE WELLPATH IDENTIFICATION |                         |          |                |
|-----------------------------------|-------------------------|----------|----------------|
| Operator                          | XTO Energy Inc.         | Well     | PLU 27 BD 167H |
| Field                             | Wolfcamp (Eddy Co., NM) | API      | 30-015-46258   |
| Facility                          | PLU 27 BD Pad 1         | Wellbore | PLU 27 BD 167H |
| Slot                              | PLU 27 BD 167H          |          |                |

| WELLPATH DATA (236 stations) † = interpolated, ‡ = extrapolated station |                    |                |             |                   |               |              |                      |                       |                 |                  |                  |                            |                           |                         |
|-------------------------------------------------------------------------|--------------------|----------------|-------------|-------------------|---------------|--------------|----------------------|-----------------------|-----------------|------------------|------------------|----------------------------|---------------------------|-------------------------|
| MD<br>[ft]                                                              | Inclination<br>[°] | Azimuth<br>[°] | TVD<br>[ft] | Vert Sect<br>[ft] | North<br>[ft] | East<br>[ft] | Grid East<br>[US ft] | Grid North<br>[US ft] | Latitude        | Longitude        | DLS<br>[°/100ft] | Build<br>Rate<br>[°/100ft] | Turn<br>Rate<br>[°/100ft] | Comments                |
| 11098.00                                                                | 1.280              | 194.220        | 11090.11    | 137.42            | -137.41       | 22.57        | 645515.37            | 401041.10             | 32°06'6.1426"N  | 103°51'48.2534"W | 0.34             | 0.26                       | 9.86                      |                         |
| 11179.91†                                                               | 1.433              | 191.969        | 11172.00    | 139.31            | -139.30       | 22.14        | 645514.93            | 401039.21             | 32°06'6.1240"N  | 103°51'48.2585"W | 0.20             | 0.19                       | -2.75                     | WFMP_Y                  |
| 11194.00                                                                | 1.460              | 191.630        | 11186.08    | 139.66            | -139.65       | 22.06        | 645514.86            | 401038.86             | 32°06'6.1205"N  | 103°51'48.2594"W | 0.20             | 0.19                       | -2.41                     | Tie On                  |
| 11197.92†                                                               | 1.466              | 191.534        | 11190.00    | 139.76            | -139.75       | 22.04        | 645514.84            | 401038.76             | 32°06'6.1195"N  | 103°51'48.2596"W | 0.17             | 0.15                       | -2.44                     | WFMP_A                  |
| 11265.00                                                                | 1.570              | 190.010        | 11257.06    | 141.50            | -141.49       | 21.71        | 645514.51            | 401037.02             | 32°06'6.1023"N  | 103°51'48.2636"W | 0.17             | 0.15                       | -2.27                     | Projection to Bit       |
| 11276.95†                                                               | 1.570              | 190.010        | 11269.00    | 141.83            | -141.82       | 21.65        | 645514.45            | 401036.69             | 32°06'6.0991"N  | 103°51'48.2643"W | 0.00             | 0.00                       | 0.00                      | WFMP_A LOWER            |
| 11294.00†                                                               | 1.570              | 190.010        | 11286.05    | 142.29            | -142.28       | 21.57        | 645514.37            | 401036.23             | 32°06'6.0945"N  | 103°51'48.2652"W | 0.00             | 0.00                       | 0.00                      |                         |
| 11315.61                                                                | 1.570              | 190.010        | 11307.65    | 142.87            | -142.86       | 21.47        | 645514.27            | 401035.65             | 32°06'6.0888"N  | 103°51'48.2665"W | 0.00             | 0.00                       | 0.00                      | Curve KOP               |
| 11394.00†                                                               | 7.932              | 231.751        | 11385.74    | 147.28            | -147.27       | 17.03        | 645509.83            | 401031.24             | 32°06'6.0453"N  | 103°51'48.3183"W | 8.73             | 8.12                       | 53.25                     |                         |
| 11494.00†                                                               | 16.608             | 236.414        | 11483.36    | 159.47            | -159.47       | -0.33        | 645492.47            | 401019.04             | 32°06'5.9253"N  | 103°51'48.5207"W | 8.73             | 8.68                       | 4.66                      |                         |
| 11570.24†                                                               | 23.248             | 237.657        | 11555.00    | 173.55            | -173.56       | -22.14       | 645470.66            | 401004.95             | 32°06'5.7868"N  | 103°51'48.7750"W | 8.73             | 8.71                       | 1.63                      | WFMP_B                  |
| 11594.00†                                                               | 25.318             | 237.917        | 11576.66    | 178.76            | -178.77       | -30.41       | 645462.39            | 400999.74             | 32°06'5.7356"N  | 103°51'48.8713"W | 8.73             | 8.71                       | 1.09                      |                         |
| 11694.00†                                                               | 34.036             | 238.684        | 11663.46    | 204.69            | -204.72       | -72.51       | 645420.29            | 400973.79             | 32°06'5.4806"N  | 103°51'49.3621"W | 8.73             | 8.72                       | 0.77                      |                         |
| 11794.00†                                                               | 42.756             | 239.168        | 11741.75    | 236.66            | -236.73       | -125.67      | 645367.14            | 400941.79             | 32°06'5.1662"N  | 103°51'49.9817"W | 8.73             | 8.72                       | 0.48                      |                         |
| 11894.00†                                                               | 51.479             | 239.514        | 11809.74    | 273.95            | -274.04       | -188.65      | 645304.16            | 400904.47             | 32°06'4.7997"N  | 103°51'50.7157"W | 8.73             | 8.72                       | 0.35                      |                         |
| 11980.23                                                                | 59.000             | 239.750        | 11858.87    | 309.69            | -309.83       | -249.73      | 645243.09            | 400868.70             | 32°06'4.4482"N  | 103°51'51.4275"W | 8.73             | 8.72                       | 0.27                      | Cont. Build/End of Turn |
| 11994.00†                                                               | 59.352             | 238.412        | 11865.92    | 315.77            | -315.90       | -259.88      | 645232.94            | 400862.62             | 32°06'4.3885"N  | 103°51'51.5458"W | 8.73             | 2.56                       | -9.71                     |                         |
| 12094.00†                                                               | 62.299             | 229.001        | 11914.75    | 367.41            | -367.58       | -330.07      | 645162.76            | 400810.95             | 32°06'3.8802"N  | 103°51'52.3643"W | 8.73             | 2.95                       | -9.41                     |                         |
| 12194.00†                                                               | 65.845             | 220.132        | 11958.54    | 431.42            | -431.63       | -393.00      | 645099.82            | 400746.90             | 32°06'3.2491"N  | 103°51'53.0992"W | 8.73             | 3.55                       | -8.87                     |                         |
| 12243.42†                                                               | 67.783             | 215.941        | 11978.00    | 467.18            | -467.40       | -420.97      | 645071.85            | 400711.13             | 32°06'2.8963"N  | 103°51'53.4262"W | 8.73             | 3.92                       | -8.48                     | WFMP_D                  |
| 12294.00†                                                               | 69.875             | 211.772        | 11996.27    | 506.33            | -506.56       | -447.23      | 645045.60            | 400671.97             | 32°06'2.5099"N  | 103°51'53.7334"W | 8.73             | 4.13                       | -8.24                     |                         |
| 12394.00†                                                               | 74.277             | 203.851        | 12027.09    | 590.40            | -590.66       | -491.50      | 645001.33            | 400587.88             | 32°06'1.6796"N  | 103°51'54.2522"W | 8.73             | 4.40                       | -7.92                     |                         |
| 12494.00†                                                               | 78.953             | 196.275        | 12050.26    | 681.69            | -681.96       | -524.78      | 644968.06            | 400496.59             | 32°06'0.7776"N  | 103°51'54.6437"W | 8.73             | 4.68                       | -7.58                     |                         |
| 12594.00†                                                               | 83.811             | 188.942        | 12065.26    | 778.07            | -778.36       | -546.30      | 644946.54            | 400400.20             | 32°05'59.8246"N | 103°51'54.8987"W | 8.73             | 4.86                       | -7.33                     |                         |
| 12694.00†                                                               | 88.768             | 181.743        | 12071.74    | 877.33            | -877.62       | -555.57      | 644937.27            | 400300.94             | 32°05'58.8427"N | 103°51'55.0114"W | 8.73             | 4.96                       | -7.20                     |                         |
| 12718.74                                                                | 90.000             | 179.970        | 12072.00    | 902.07            | -902.36       | -555.93      | 644936.90            | 400276.20             | 32°05'58.5980"N | 103°51'55.0170"W | 8.73             | 4.98                       | -7.17                     | LP 164' past FTP        |
| 12794.00†                                                               | 90.000             | 179.970        | 12072.00    | 977.32            | -977.61       | -555.90      | 644936.94            | 400200.95             | 32°05'57.8533"N | 103°51'55.0203"W | 0.00             | 0.00                       | 0.00                      |                         |
| 12894.00†                                                               | 90.000             | 179.970        | 12072.00    | 1077.32           | -1077.61      | -555.84      | 644937.00            | 400100.96             | 32°05'56.8637"N | 103°51'55.0248"W | 0.00             | 0.00                       | 0.00                      |                         |
| 12994.00†                                                               | 90.000             | 179.970        | 12072.00    | 1177.32           | -1177.61      | -555.79      | 644937.05            | 400000.97             | 32°05'55.8741"N | 103°51'55.0292"W | 0.00             | 0.00                       | 0.00                      |                         |
| 13094.00†                                                               | 90.000             | 179.970        | 12072.00    | 1277.32           | -1277.61      | -555.74      | 644937.10            | 399900.97             | 32°05'54.8846"N | 103°51'55.0336"W | 0.00             | 0.00                       | 0.00                      |                         |
| 13194.00†                                                               | 90.000             | 179.970        | 12072.00    | 1377.32           | -1377.61      | -555.69      | 644937.15            | 399800.98             | 32°05'53.8950"N | 103°51'55.0381"W | 0.00             | 0.00                       | 0.00                      |                         |
| 13294.00†                                                               | 90.000             | 179.970        | 12072.00    | 1477.32           | -1477.61      | -555.63      | 644937.20            | 399700.99             | 32°05'52.9055"N | 103°51'55.0425"W | 0.00             | 0.00                       | 0.00                      |                         |
| 13394.00†                                                               | 90.000             | 179.970        | 12072.00    | 1577.32           | -1577.61      | -555.58      | 644937.26            | 399600.99             | 32°05'51.9159"N | 103°51'55.0469"W | 0.00             | 0.00                       | 0.00                      |                         |
| 13494.00†                                                               | 90.000             | 179.970        | 12072.00    | 1677.32           | -1677.61      | -555.53      | 644937.31            | 399501.00             | 32°05'50.9263"N | 103°51'55.0514"W | 0.00             | 0.00                       | 0.00                      |                         |
| 13594.00†                                                               | 90.000             | 179.970        | 12072.00    | 1777.32           | -1777.61      | -555.48      | 644937.36            | 399401.01             | 32°05'49.9368"N | 103°51'55.0558"W | 0.00             | 0.00                       | 0.00                      |                         |
| 13694.00†                                                               | 90.000             | 179.970        | 12072.00    | 1877.32           | -1877.61      | -555.42      | 644937.41            | 399301.02             | 32°05'48.9472"N | 103°51'55.0603"W | 0.00             | 0.00                       | 0.00                      |                         |
| 13794.00†                                                               | 90.000             | 179.970        | 12072.00    | 1977.32           | -1977.61      | -555.37      | 644937.47            | 399201.02             | 32°05'47.9577"N | 103°51'55.0647"W | 0.00             | 0.00                       | 0.00                      |                         |
| 13894.00†                                                               | 90.000             | 179.970        | 12072.00    | 2077.32           | -2077.61      | -555.32      | 644937.52            | 399101.03             | 32°05'46.9681"N | 103°51'55.0691"W | 0.00             | 0.00                       | 0.00                      |                         |
| 13994.00†                                                               | 90.000             | 179.970        | 12072.00    | 2177.32           | -2177.61      | -555.27      | 644937.57            | 399001.04             | 32°05'45.9785"N | 103°51'55.0736"W | 0.00             | 0.00                       | 0.00                      |                         |
| 14094.00†                                                               | 90.000             | 179.970        | 12072.00    | 2277.32           | -2277.61      | -555.21      | 644937.62            | 398901.04             | 32°05'44.9890"N | 103°51'55.0780"W | 0.00             | 0.00                       | 0.00                      |                         |
| 14194.00†                                                               | 90.000             | 179.970        | 12072.00    | 2377.32           | -2377.61      | -555.16      | 644937.68            | 398801.05             | 32°05'43.9994"N | 103°51'55.0824"W | 0.00             | 0.00                       | 0.00                      |                         |
| 14294.00†                                                               | 90.000             | 179.970        | 12072.00    | 2477.32           | -2477.61      | -555.11      | 644937.73            | 398701.06             | 32°05'43.0099"N | 103°51'55.0869"W | 0.00             | 0.00                       | 0.00                      |                         |
| 14394.00†                                                               | 90.000             | 179.970        | 12072.00    | 2577.32           | -2577.61      | -555.06      | 644937.78            | 398601.06             | 32°05'42.0307"N | 103°51'55.0913"W | 0.00             | 0.00                       | 0.00                      |                         |
| 14494.00†                                                               | 90.000             | 179.970        | 12072.00    | 2677.32           | -2677.61      | -555.01      | 644937.83            | 398501.07             | 32°05'41.0307"N | 103°51'55.0957"W | 0.00             | 0.00                       | 0.00                      |                         |
| 14594.00†                                                               | 90.000             | 179.970        | 12072.00    | 2777.32           | -2777.61      | -554.95      | 644937.89            | 398401.08             | 32°05'40.0412"N | 103°51'55.1002"W | 0.00             | 0.00                       | 0.00                      |                         |



# Planned Wellpath Report

PLU 27 BD 167H Rev-D.0

Page 6 of 7



## REFERENCE WELLPATH IDENTIFICATION

|          |                         |          |                |
|----------|-------------------------|----------|----------------|
| Operator | XTO Energy Inc.         | Well     | PLU 27 BD 167H |
| Field    | Wolfcamp (Eddy Co., NM) | API      | 30-015-46258   |
| Facility | PLU 27 BD Pad 1         | Wellbore | PLU 27 BD 167H |
| Slot     | PLU 27 BD 167H          |          |                |

## WELLPATH DATA (236 stations) † = interpolated, ‡ = extrapolated station

| MD<br>[ft] | Inclination<br>[°] | Azimuth<br>[°] | TVD<br>[ft] | Vert Sect<br>[ft] | North<br>[ft] | East<br>[ft] | Grid East<br>[US ft] | Grid North<br>[US ft] | Latitude        | Longitude        | DLS<br>[°/100ft] | Build Rate<br>[°/100ft] | Turn Rate<br>[°/100ft] | Comments |
|------------|--------------------|----------------|-------------|-------------------|---------------|--------------|----------------------|-----------------------|-----------------|------------------|------------------|-------------------------|------------------------|----------|
| 14694.00†  | 90.000             | 179.970        | 12072.00    | 2877.32           | -2877.61      | -554.90      | 644937.94            | 398301.08             | 32°05'39.0516"N | 103°51'55.1046"W | 0.00             | 0.00                    | 0.00                   |          |
| 14794.00†  | 90.000             | 179.970        | 12072.00    | 2977.32           | -2977.61      | -554.85      | 644937.99            | 398201.09             | 32°05'38.0621"N | 103°51'55.1091"W | 0.00             | 0.00                    | 0.00                   |          |
| 14894.00†  | 90.000             | 179.970        | 12072.00    | 3077.32           | -3077.61      | -554.80      | 644938.04            | 398101.10             | 32°05'37.0725"N | 103°51'55.1135"W | 0.00             | 0.00                    | 0.00                   |          |
| 14994.00†  | 90.000             | 179.970        | 12072.00    | 3177.32           | -3177.61      | -554.74      | 644938.09            | 398001.10             | 32°05'36.0829"N | 103°51'55.1179"W | 0.00             | 0.00                    | 0.00                   |          |
| 15094.00†  | 90.000             | 179.970        | 12072.00    | 3277.32           | -3277.61      | -554.69      | 644938.15            | 397901.11             | 32°05'35.0934"N | 103°51'55.1224"W | 0.00             | 0.00                    | 0.00                   |          |
| 15194.00†  | 90.000             | 179.970        | 12072.00    | 3377.32           | -3377.61      | -554.64      | 644938.20            | 397801.12             | 32°05'34.1038"N | 103°51'55.1268"W | 0.00             | 0.00                    | 0.00                   |          |
| 15294.00†  | 90.000             | 179.970        | 12072.00    | 3477.32           | -3477.61      | -554.59      | 644938.25            | 397701.13             | 32°05'33.1143"N | 103°51'55.1312"W | 0.00             | 0.00                    | 0.00                   |          |
| 15394.00†  | 90.000             | 179.970        | 12072.00    | 3577.32           | -3577.61      | -554.53      | 644938.30            | 397601.13             | 32°05'32.1247"N | 103°51'55.1357"W | 0.00             | 0.00                    | 0.00                   |          |
| 15494.00†  | 90.000             | 179.970        | 12072.00    | 3677.32           | -3677.61      | -554.48      | 644938.36            | 397501.14             | 32°05'31.1351"N | 103°51'55.1401"W | 0.00             | 0.00                    | 0.00                   |          |
| 15594.00†  | 90.000             | 179.970        | 12072.00    | 3777.32           | -3777.61      | -554.43      | 644938.41            | 397401.15             | 32°05'30.1456"N | 103°51'55.1445"W | 0.00             | 0.00                    | 0.00                   |          |
| 15694.00†  | 90.000             | 179.970        | 12072.00    | 3877.32           | -3877.61      | -554.38      | 644938.46            | 397301.15             | 32°05'29.1560"N | 103°51'55.1490"W | 0.00             | 0.00                    | 0.00                   |          |
| 15794.00†  | 90.000             | 179.970        | 12072.00    | 3977.32           | -3977.61      | -554.32      | 644938.51            | 397201.16             | 32°05'28.1665"N | 103°51'55.1534"W | 0.00             | 0.00                    | 0.00                   |          |
| 15894.00†  | 90.000             | 179.970        | 12072.00    | 4077.32           | -4077.61      | -554.27      | 644938.57            | 397101.17             | 32°05'27.1769"N | 103°51'55.1578"W | 0.00             | 0.00                    | 0.00                   |          |
| 15994.00†  | 90.000             | 179.970        | 12072.00    | 4177.32           | -4177.61      | -554.22      | 644938.62            | 397001.17             | 32°05'26.1873"N | 103°51'55.1623"W | 0.00             | 0.00                    | 0.00                   |          |
| 16094.00†  | 90.000             | 179.970        | 12072.00    | 4277.32           | -4277.61      | -554.17      | 644938.67            | 396901.18             | 32°05'25.1978"N | 103°51'55.1667"W | 0.00             | 0.00                    | 0.00                   |          |
| 16194.00†  | 90.000             | 179.970        | 12072.00    | 4377.32           | -4377.61      | -554.12      | 644938.72            | 396801.19             | 32°05'24.2082"N | 103°51'55.1712"W | 0.00             | 0.00                    | 0.00                   |          |
| 16294.00†  | 90.000             | 179.970        | 12072.00    | 4477.32           | -4477.61      | -554.06      | 644938.78            | 396701.19             | 32°05'23.2187"N | 103°51'55.1756"W | 0.00             | 0.00                    | 0.00                   |          |
| 16394.00†  | 90.000             | 179.970        | 12072.00    | 4577.32           | -4577.61      | -554.01      | 644938.83            | 396601.20             | 32°05'22.2291"N | 103°51'55.1800"W | 0.00             | 0.00                    | 0.00                   |          |
| 16494.00†  | 90.000             | 179.970        | 12072.00    | 4677.32           | -4677.61      | -553.96      | 644938.88            | 396501.21             | 32°05'21.2395"N | 103°51'55.1845"W | 0.00             | 0.00                    | 0.00                   |          |
| 16594.00†  | 90.000             | 179.970        | 12072.00    | 4777.32           | -4777.61      | -553.91      | 644938.93            | 396401.21             | 32°05'20.2500"N | 103°51'55.1889"W | 0.00             | 0.00                    | 0.00                   |          |
| 16694.00†  | 90.000             | 179.970        | 12072.00    | 4877.32           | -4877.61      | -553.85      | 644938.98            | 396301.22             | 32°05'19.2604"N | 103°51'55.1933"W | 0.00             | 0.00                    | 0.00                   |          |
| 16794.00†  | 90.000             | 179.970        | 12072.00    | 4977.32           | -4977.61      | -553.80      | 644939.04            | 396201.23             | 32°05'18.2709"N | 103°51'55.1978"W | 0.00             | 0.00                    | 0.00                   |          |
| 16894.00†  | 90.000             | 179.970        | 12072.00    | 5077.32           | -5077.61      | -553.75      | 644939.09            | 396101.24             | 32°05'17.2813"N | 103°51'55.2022"W | 0.00             | 0.00                    | 0.00                   |          |
| 16994.00†  | 90.000             | 179.970        | 12072.00    | 5177.32           | -5177.61      | -553.70      | 644939.14            | 396001.24             | 32°05'16.2917"N | 103°51'55.2066"W | 0.00             | 0.00                    | 0.00                   |          |
| 17094.00†  | 90.000             | 179.970        | 12072.00    | 5277.32           | -5277.61      | -553.64      | 644939.19            | 395901.25             | 32°05'15.3022"N | 103°51'55.2111"W | 0.00             | 0.00                    | 0.00                   |          |
| 17194.00†  | 90.000             | 179.970        | 12072.00    | 5377.32           | -5377.61      | -553.59      | 644939.25            | 395801.26             | 32°05'14.3126"N | 103°51'55.2155"W | 0.00             | 0.00                    | 0.00                   |          |
| 17294.00†  | 90.000             | 179.970        | 12072.00    | 5477.32           | -5477.61      | -553.54      | 644939.30            | 395701.26             | 32°05'13.3231"N | 103°51'55.2199"W | 0.00             | 0.00                    | 0.00                   |          |
| 17394.00†  | 90.000             | 179.970        | 12072.00    | 5577.32           | -5577.61      | -553.49      | 644939.35            | 395601.27             | 32°05'12.3335"N | 103°51'55.2244"W | 0.00             | 0.00                    | 0.00                   |          |
| 17494.00†  | 90.000             | 179.970        | 12072.00    | 5677.32           | -5677.61      | -553.43      | 644939.40            | 395501.28             | 32°05'11.3439"N | 103°51'55.2288"W | 0.00             | 0.00                    | 0.00                   |          |
| 17594.00†  | 90.000             | 179.970        | 12072.00    | 5777.32           | -5777.61      | -553.38      | 644939.46            | 395401.28             | 32°05'10.3544"N | 103°51'55.2332"W | 0.00             | 0.00                    | 0.00                   |          |
| 17694.00†  | 90.000             | 179.970        | 12072.00    | 5877.32           | -5877.61      | -553.33      | 644939.51            | 395301.29             | 32°05'9.3648"N  | 103°51'55.2377"W | 0.00             | 0.00                    | 0.00                   |          |
| 17794.00†  | 90.000             | 179.970        | 12072.00    | 5977.32           | -5977.61      | -553.28      | 644939.56            | 395201.30             | 32°05'8.3752"N  | 103°51'55.2421"W | 0.00             | 0.00                    | 0.00                   |          |
| 17894.00†  | 90.000             | 179.970        | 12072.00    | 6077.32           | -6077.61      | -553.23      | 644939.61            | 395101.30             | 32°05'7.3857"N  | 103°51'55.2465"W | 0.00             | 0.00                    | 0.00                   |          |
| 17994.00†  | 90.000             | 179.970        | 12072.00    | 6177.32           | -6177.61      | -553.17      | 644939.67            | 395001.31             | 32°05'6.3961"N  | 103°51'55.2510"W | 0.00             | 0.00                    | 0.00                   |          |
| 18094.00†  | 90.000             | 179.970        | 12072.00    | 6277.32           | -6277.61      | -553.12      | 644939.72            | 394901.32             | 32°05'5.4066"N  | 103°51'55.2554"W | 0.00             | 0.00                    | 0.00                   |          |
| 18194.00†  | 90.000             | 179.970        | 12072.00    | 6377.32           | -6377.61      | -553.07      | 644939.77            | 394801.32             | 32°05'4.4170"N  | 103°51'55.2598"W | 0.00             | 0.00                    | 0.00                   |          |
| 18294.00†  | 90.000             | 179.970        | 12072.00    | 6477.32           | -6477.61      | -553.02      | 644939.82            | 394701.33             | 32°05'3.4274"N  | 103°51'55.2643"W | 0.00             | 0.00                    | 0.00                   |          |
| 18394.00†  | 90.000             | 179.970        | 12072.00    | 6577.32           | -6577.61      | -552.96      | 644939.87            | 394601.34             | 32°05'2.4379"N  | 103°51'55.2687"W | 0.00             | 0.00                    | 0.00                   |          |
| 18494.00†  | 90.000             | 179.970        | 12072.00    | 6677.32           | -6677.61      | -552.91      | 644939.93            | 394501.35             | 32°05'1.4483"N  | 103°51'55.2732"W | 0.00             | 0.00                    | 0.00                   |          |
| 18594.00†  | 90.000             | 179.970        | 12072.00    | 6777.32           | -6777.61      | -552.86      | 644939.98            | 394401.35             | 32°05'0.4588"N  | 103°51'55.2776"W | 0.00             | 0.00                    | 0.00                   |          |
| 18694.00†  | 90.000             | 179.970        | 12072.00    | 6877.32           | -6877.61      | -552.81      | 644940.03            | 394301.36             | 32°04'59.4692"N | 103°51'55.2820"W | 0.00             | 0.00                    | 0.00                   |          |
| 18794.00†  | 90.000             | 179.970        | 12072.00    | 6977.32           | -6977.61      | -552.75      | 644940.08            | 394201.37             | 32°04'58.4796"N | 103°51'55.2865"W | 0.00             | 0.00                    | 0.00                   |          |
| 18894.00†  | 90.000             | 179.970        | 12072.00    | 7077.32           | -7077.61      | -552.70      | 644940.14            | 394101.37             | 32°04'57.4901"N | 103°51'55.2909"W | 0.00             | 0.00                    | 0.00                   |          |
| 18994.00†  | 90.000             | 179.970        | 12072.00    | 7177.32           | -7177.61      | -552.65      | 644940.19            | 394001.38             | 32°04'56.5005"N | 103°51'55.2953"W | 0.00             | 0.00                    | 0.00                   |          |
| 19094.00†  | 90.000             | 179.970        | 12072.00    | 7277.32           | -7277.61      | -552.60      | 644940.24            | 393901.39             | 32°04'55.5109"N | 103°51'55.2998"W | 0.00             | 0.00                    | 0.00                   |          |



# Planned Wellpath Report

PLU 27 BD 167H Rev-D.0  
Page 7 of 7



| REFERENCE WELLPATH IDENTIFICATION |                         |          |                |
|-----------------------------------|-------------------------|----------|----------------|
| Operator                          | XTO Energy Inc.         | Well     | PLU 27 BD 167H |
| Field                             | Wolfcamp (Eddy Co., NM) | API      | 30-015-46258   |
| Facility                          | PLU 27 BD Pad 1         | Wellbore | PLU 27 BD 167H |
| Slot                              | PLU 27 BD 167H          |          |                |

| WELLPATH DATA (236 stations) † = interpolated, ‡ = extrapolated station |                    |                |             |                   |               |              |                      |                       |                 |                  |                  |                         |                        |                |
|-------------------------------------------------------------------------|--------------------|----------------|-------------|-------------------|---------------|--------------|----------------------|-----------------------|-----------------|------------------|------------------|-------------------------|------------------------|----------------|
| MD<br>[ft]                                                              | Inclination<br>[°] | Azimuth<br>[°] | TVD<br>[ft] | Vert Sect<br>[ft] | North<br>[ft] | East<br>[ft] | Grid East<br>[US ft] | Grid North<br>[US ft] | Latitude        | Longitude        | DLS<br>[°/100ft] | Build Rate<br>[°/100ft] | Turn Rate<br>[°/100ft] | Comments       |
| 19194.00†                                                               | 90.000             | 179.970        | 12072.00    | 7377.32           | -7377.61      | -552.54      | 644940.29            | 393801.39             | 32°04'54.5214"N | 103°51'55.3042"W | 0.00             | 0.00                    | 0.00                   |                |
| 19294.00†                                                               | 90.000             | 179.970        | 12072.00    | 7477.32           | -7477.61      | -552.49      | 644940.35            | 393701.40             | 32°04'53.5318"N | 103°51'55.3086"W | 0.00             | 0.00                    | 0.00                   |                |
| 19394.00†                                                               | 90.000             | 179.970        | 12072.00    | 7577.32           | -7577.61      | -552.44      | 644940.40            | 393601.41             | 32°04'52.5423"N | 103°51'55.3131"W | 0.00             | 0.00                    | 0.00                   |                |
| 19494.00†                                                               | 90.000             | 179.970        | 12072.00    | 7677.32           | -7677.61      | -552.39      | 644940.45            | 393501.41             | 32°04'51.5527"N | 103°51'55.3175"W | 0.00             | 0.00                    | 0.00                   |                |
| 19594.00†                                                               | 90.000             | 179.970        | 12072.00    | 7777.32           | -7777.61      | -552.33      | 644940.50            | 393401.42             | 32°04'50.5631"N | 103°51'55.3219"W | 0.00             | 0.00                    | 0.00                   |                |
| 19694.00†                                                               | 90.000             | 179.970        | 12072.00    | 7877.32           | -7877.61      | -552.28      | 644940.56            | 393301.43             | 32°04'49.5736"N | 103°51'55.3264"W | 0.00             | 0.00                    | 0.00                   |                |
| 19794.00†                                                               | 90.000             | 179.970        | 12072.00    | 7977.32           | -7977.61      | -552.23      | 644940.61            | 393201.43             | 32°04'48.5840"N | 103°51'55.3308"W | 0.00             | 0.00                    | 0.00                   |                |
| 19866.54                                                                | 90.000             | 179.970        | 12072.00    | 8049.86           | -8050.15      | -552.19      | 644940.65            | 393128.90             | 32°04'47.8662"N | 103°51'55.3340"W | 0.00             | 0.00                    | 0.00                   | LTP (100' FSL) |
| 19894.00†                                                               | 90.000             | 179.970        | 12072.00    | 8077.32           | -8077.61      | -552.18      | 644940.66            | 393101.44             | 32°04'47.5944"N | 103°51'55.3352"W | 0.00             | 0.00                    | 0.00                   |                |
| 19994.00†                                                               | 90.000             | 179.970        | 12072.00    | 8177.32           | -8177.61      | -552.13      | 644940.71            | 393001.45             | 32°04'46.6049"N | 103°51'55.3397"W | 0.00             | 0.00                    | 0.00                   |                |
| 19996.55                                                                | 90.000             | 179.970        | 12072.00    | 8179.87           | -8180.16      | -552.12      | 644940.71            | 392998.90             | 32°04'46.5797"N | 103°51'55.3398"W | 0.00             | 0.00                    | 0.00                   | PBHL (50' FSL) |

| TARGETS                    |                             |             |               |              |                      |                       |                 |                  |           |
|----------------------------|-----------------------------|-------------|---------------|--------------|----------------------|-----------------------|-----------------|------------------|-----------|
| Name                       | MD<br>[ft]                  | TVD<br>[ft] | North<br>[ft] | East<br>[ft] | Grid East<br>[US ft] | Grid North<br>[US ft] | Latitude        | Longitude        | Shape     |
| PLU 27 BD 167H BHL Rev-D.0 | N/A                         | 12072.00    | -8180.16      | -552.14      | 644940.70            | 392998.90             | 32°04'46.5797"N | 103°51'55.3399"W | rectangle |
|                            | 2D Rectangle 7444.61 x 100. |             |               |              |                      |                       |                 |                  |           |
| PLU 27 BD 167H FTP Rev-D.0 | N/A                         | 12072.00    | -738.45       | -555.94      | 644936.90            | 400440.10             | 32°06'0.2199"N  | 103°51'55.0087"W | point     |
| PLU 27 BD 167H LTP Rev-D.0 | N/A                         | 12072.00    | -8050.15      | -552.34      | 644940.50            | 393128.90             | 32°04'47.8662"N | 103°51'55.3357"W | point     |

| SURVEY PROGRAM - Ref Wellbore: PLU 27 BD 167H Ref Wellpath: PLU 27 BD 167H Rev-D.0 |                |                                                 |                                                    |                |
|------------------------------------------------------------------------------------|----------------|-------------------------------------------------|----------------------------------------------------|----------------|
| Start MD<br>[ft]                                                                   | End MD<br>[ft] | Positional Uncertainty Model                    | Log Name/Comment                                   | Wellbore       |
| 30.00                                                                              | 1156.00        | OWSG MWD rev2 + IFR1 + Multi-Station Correction | Motive Surface Surveys 232' - 1156'                | PLU 27 BD 167H |
| 1156.00                                                                            | 11194.00       | OWSG MWD rev2 + IFR1 + Multi-Station Correction | 17 1/2" Intermediate Section Surveys 1156' - xxxx' | PLU 27 BD 167H |
| 11194.00                                                                           | 19996.55       | OWSG MWD rev2 + IFR1 + Multi-Station Correction |                                                    | PLU 27 BD 167H |



# XTO Energy Inc.

Location: Eddy County, NM  
Field: Wolfcamp (Eddy Co., NM)  
Facility: PLU 27 BD Pad 1

Slot: PLU 27 BD 167H  
Well: PLU 27 BD 167H  
Wellbore: PLU 27 BD 167H



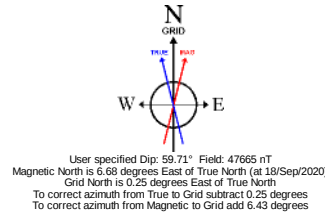
|                                                                      |                                                                       |
|----------------------------------------------------------------------|-----------------------------------------------------------------------|
| Plot reference wellpath is PLU 27 BD 167H Rev-D.0                    | Grid System: NAD27 / TM New Mexico SP, Eastern Zone (3001), US feet   |
| True vertical depths are referenced to H&P 552 (RKB)                 | North Reference: Grid north                                           |
| Reference wellpath measured depths are referenced to H&P 552 (RKB)   | Scale: True distance                                                  |
| H&P 552 (RKB) to Mean Sea Level: 3322 feet                           | Coordinates are in feet referenced to Slot                            |
| Mean Sea Level to Ground level (At Slot: PLU 27 BD 167H): -3292 feet | Depths are in feet                                                    |
| Offset wellpath MDs are referenced to each path's default MD datum   | Created by: Gail Deering on 2020-09-23; Database: WA_HOU_Midland_Dein |

| Location Information                                     |              |                   |                    |                    |                                 |
|----------------------------------------------------------|--------------|-------------------|--------------------|--------------------|---------------------------------|
| Facility Name                                            |              | Grid East (US ft) | Grid North (US ft) | Latitude           | Longitude                       |
| PLU 27 BD Pad 1                                          |              | 645582.800        | 401179.600         | 32°06'7.5104"N     | 103°51'47.4624"W                |
| Slot                                                     | Local N (ft) | Local E (ft)      | Grid East (US ft)  | Grid North (US ft) | Longitude                       |
| PLU 27 BD 167H                                           | -1.10        | -90.01            | 645492.800         | 401178.500         | 32°06'7.5034"N 103°51'48.5088"W |
| H&P 552 (RKB) to Ground level (At Slot: PLU 27 BD 167H)  |              |                   | 30ft               |                    |                                 |
| Mean Sea Level to Ground level (At Slot: PLU 27 BD 167H) |              |                   | -3292ft            |                    |                                 |
| H&P 552 (RKB) to Mean Sea Level                          |              |                   | 3322ft             |                    |                                 |

| Targets                    |         |          |              |              |                   |                    |                 |
|----------------------------|---------|----------|--------------|--------------|-------------------|--------------------|-----------------|
| Name                       | MD (ft) | TVD (ft) | Local N (ft) | Local E (ft) | Grid East (US ft) | Grid North (US ft) | Latitude        |
| PLU 27 BD 167H BHL Rev-D.0 | N/A     | 12072.00 | -8180.16     | -552.14      | 644940.70         | 392998.90          | 32°04'46.5797"N |
| PLU 27 BD 167H FTP Rev-D.0 | N/A     | 12072.00 | -738.45      | -555.94      | 644936.90         | 400440.10          | 32°06'0.2199"N  |
| PLU 27 BD 167H LTP Rev-D.0 | N/A     | 12072.00 | -8050.15     | -552.34      | 644940.50         | 393128.90          | 32°04'47.8662"N |

| Bottom Hole Location |         |         |          |              |              |                   |                    |
|----------------------|---------|---------|----------|--------------|--------------|-------------------|--------------------|
| MD (ft)              | Inc (°) | Az (°)  | TVD (ft) | Local N (ft) | Local E (ft) | Grid East (US ft) | Grid North (US ft) |
| 19996.55             | 90.000  | 179.970 | 12072.00 | -8180.16     | -552.12      | 644940.71         | 392998.90          |

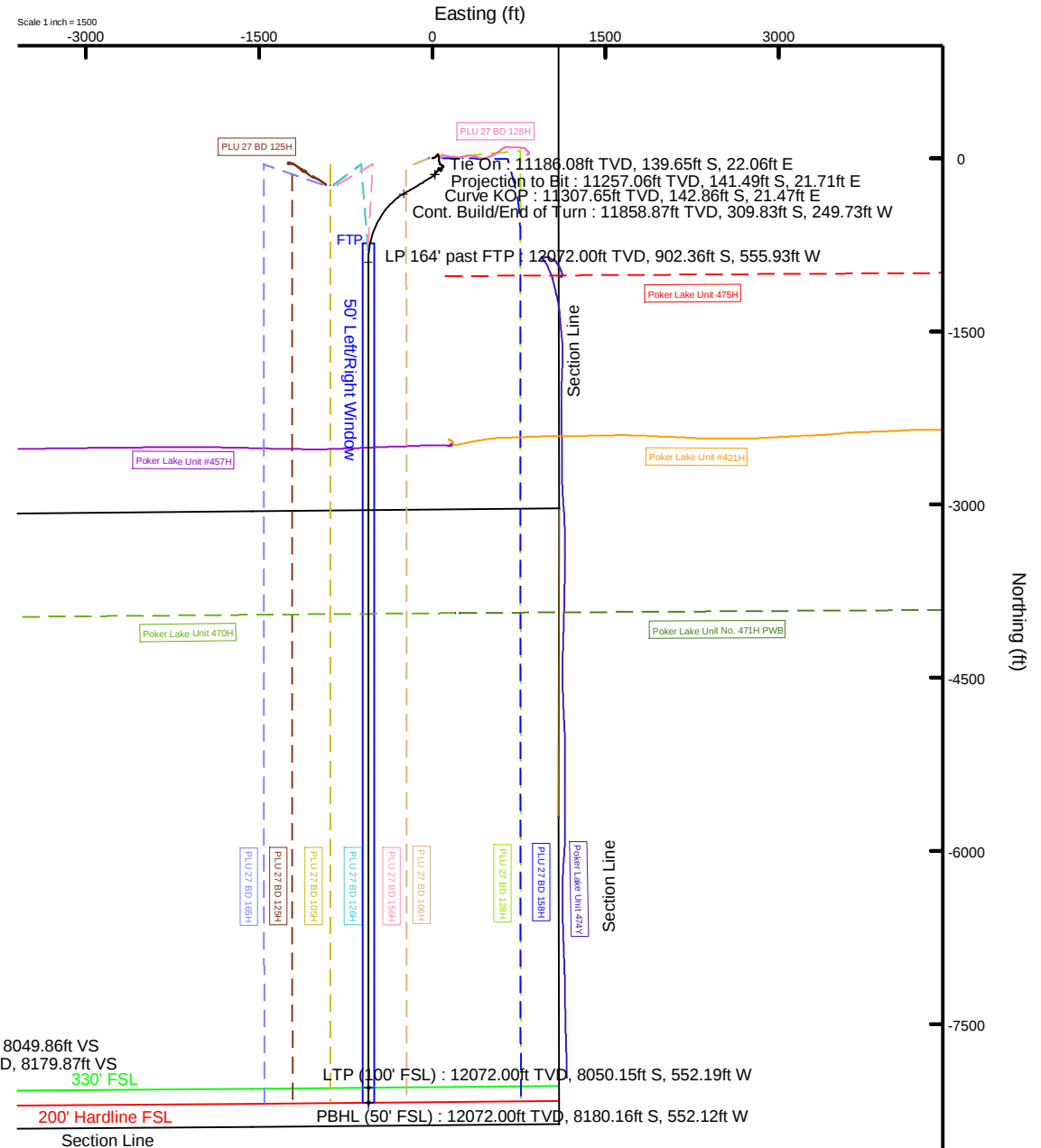
| Well Profile Data       |          |         |         |          |              |              |               |         |
|-------------------------|----------|---------|---------|----------|--------------|--------------|---------------|---------|
| Design Comment          | MD (ft)  | Inc (°) | Az (°)  | TVD (ft) | Local N (ft) | Local E (ft) | DLS (°/100ft) | VS (ft) |
| Tie On                  | 11194.00 | 1.460   | 191.630 | 11186.08 | -139.65      | 22.06        | 0.20          | 139.66  |
| Projection to Bit       | 11265.00 | 1.570   | 190.010 | 11257.06 | -141.49      | 21.71        | 0.17          | 141.50  |
| Curve KOP               | 11315.61 | 1.570   | 190.010 | 11307.65 | -142.86      | 21.47        | 0.00          | 142.87  |
| Cont. Build/End of Turn | 11980.23 | 59.000  | 239.750 | 11858.87 | -309.83      | -249.73      | 8.73          | 309.69  |
| LP 164' past FTP        | 12718.74 | 90.000  | 179.970 | 12072.00 | -902.36      | -555.93      | 8.73          | 902.07  |
| LTP (100' FSL)          | 19866.54 | 90.000  | 179.970 | 12072.00 | -8050.15     | -552.19      | 0.00          | 8049.86 |
| PBHL (50' FSL)          | 19996.55 | 90.000  | 179.970 | 12072.00 | -8180.16     | -552.12      | 0.00          | 8179.87 |



Tie On : 1.46° Inc, 11194.00ft MD, 11186.08ft TVD, 139.66ft VS  
Projection to Bit : 1.57° Inc, 11265.00ft MD, 11257.06ft TVD, 141.50ft VS  
Curve KOP : 1.57° Inc, 11315.61ft MD, 11307.65ft TVD, 142.87ft VS  
8.73°/100ft  
Cont. Build/End of Turn : 59.00° Inc, 11980.23ft MD, 11858.87ft TVD, 309.69ft VS  
8.73°/100ft

FTP LP 164' past FTP : 90.00° Inc, 12718.74ft MD, 12072.00ft TVD, 902.07ft VS

LTP (100' FSL) : 90.00° Inc, 19866.54ft MD, 12072.00ft TVD, 8049.86ft VS  
PBHL (50' FSL) : 90.00° Inc, 19996.55ft MD, 12072.00ft TVD, 8179.87ft VS



Vertical Section (ft)  
Azimuth 179.97° with reference 0.00 N, 0.00 E

Scale 1 inch = 2000