

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 AS-DRILLED PLAT

|                                         |                                                           |                                                       |
|-----------------------------------------|-----------------------------------------------------------|-------------------------------------------------------|
| <sup>1</sup> API Number<br>30-015-45062 | <sup>2</sup> Pool Code<br>98220                           | <sup>3</sup> Pool Name<br>PURPLE SAGE; WOLFCAMP (GAS) |
| <sup>4</sup> Property Code<br>325590    | <sup>5</sup> Property Name<br>Poker Lake Unit 15 TWR      | <sup>6</sup> Well Number<br>907H                      |
| <sup>7</sup> OGRID No.<br>373075        | <sup>8</sup> Operator Name<br>XTO PERMIAN OPERATING, LLC. | <sup>9</sup> Elevation<br>3,559'                      |

<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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| O             | 15      | 24 S     | 31 E  |         | 330           | SOUTH            | 1,965         | EAST           | EDDY   |

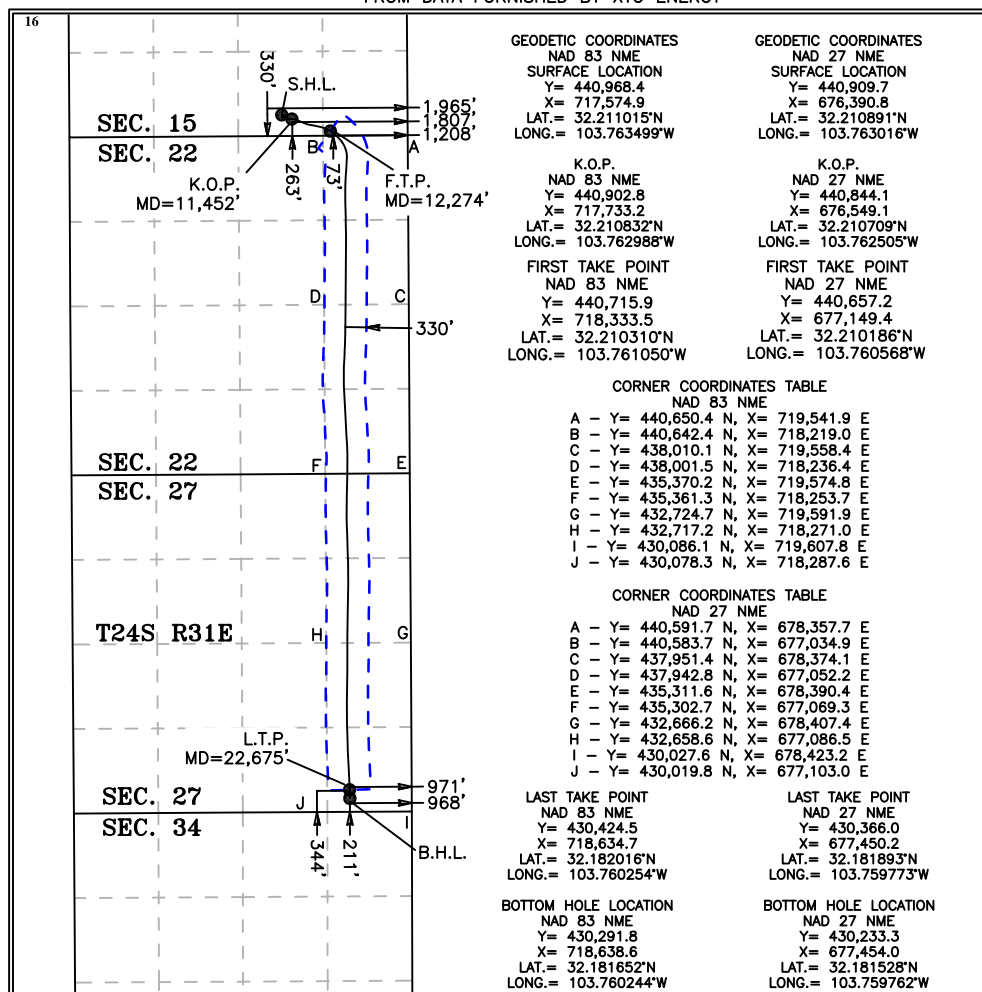
<sup>11</sup> Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| P             | 27      | 24 S     | 31 E  |         | 211           | SOUTH            | 968           | EAST           | EDDY   |

|                                      |                               |                                  |                         |
|--------------------------------------|-------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br>640 | <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.

NOTE: AS-DRILLED BOTTOM HOLE PLOTTED  
FROM DATA FURNISHED BY XTO ENERGY



<sup>17</sup> OPERATOR CERTIFICATION

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.

*Cheryl Rowell* 3/10/20  
Signature Date

Cheryl Rowell

Printed Name

cheryl\_rowell@xtoenergy.com  
E-mail Address

<sup>18</sup> SURVEYOR CERTIFICATION

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.

3-10-2020

Date of Survey

Signature and Seal of  
Professional Surveyor:

*Mark Dillon Harp*  
MARK DILLON HARP 23786  
Certificate Number



JC

2017070982

Intent ☐ As Drilled ☒

|                                              |  |                                          |                     |
|----------------------------------------------|--|------------------------------------------|---------------------|
| API #<br>30-015-45062                        |  |                                          |                     |
| Operator Name:<br>XTO PERMIAN OPERATING, LLC |  | Property Name:<br>POKER LAKE UNIT 15 TWR | Well Number<br>907H |

Kick Off Point (KOP)

|                       |               |                 |              |     |                         |               |              |               |                |
|-----------------------|---------------|-----------------|--------------|-----|-------------------------|---------------|--------------|---------------|----------------|
| UL<br>O               | Section<br>15 | Township<br>24S | Range<br>31E | Lot | Feet<br>263             | From N/S<br>S | Feet<br>1807 | From E/W<br>E | County<br>EDDY |
| Latitude<br>32.210832 |               |                 |              |     | Longitude<br>103.762988 |               |              |               | NAD<br>83      |

First Take Point (FTP)

|                       |               |                 |              |     |                         |               |              |               |                |
|-----------------------|---------------|-----------------|--------------|-----|-------------------------|---------------|--------------|---------------|----------------|
| UL<br>P               | Section<br>15 | Township<br>24S | Range<br>31E | Lot | Feet<br>73              | From N/S<br>S | Feet<br>1208 | From E/W<br>E | County<br>EDDY |
| Latitude<br>32.210310 |               |                 |              |     | Longitude<br>103.761050 |               |              |               | NAD<br>83      |

Last Take Point (LTP)

|                       |               |                 |              |     |                         |               |             |               |                |
|-----------------------|---------------|-----------------|--------------|-----|-------------------------|---------------|-------------|---------------|----------------|
| UL<br>P               | Section<br>27 | Township<br>24S | Range<br>31E | Lot | Feet<br>344             | From N/S<br>S | Feet<br>971 | From E/W<br>E | County<br>EDDY |
| Latitude<br>32.182016 |               |                 |              |     | Longitude<br>103.760254 |               |             |               | NAD<br>83      |

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 #<br>30-015-45202                        |  |                                          |                     |
| Operator Name:<br>XTO PERMIAN OPERATING, LLC |  | Property Name:<br>POKER LAKE UNIT 15 TWR | Well Number<br>127H |

KZ 06/29/2018

|                |                                                                                                                                 |
|----------------|---------------------------------------------------------------------------------------------------------------------------------|
| Job:           | POKER LAKE UNIT 15 TWIN WELLS RANCH No.907H(Rev) (Job #13759)                                                                   |
| Declination:   | 6.46°, This value was ADDED to the magnetic azimuth values sent by the tool to arrive at the Survey Azimuth values shown below. |
| Job Notes:     | H&P 467<br>POKER LAKE UNIT 15 TWIN WELLS RANCH No.907H<br>Corrected to grid north and to the KB of the rig                      |
| Created On:    | 11 Aug 2019 at 20:13:58                                                                                                         |
| File Contents: | 11 Total Surveys in File. 11 are tagged as Accepted                                                                             |

The Vertical Depth and Departure values below were calculated using the Minimum Curvature Model. This information is intended for reference purposes ONLY. It is NOT intended to replace professional oversight or sound judgement. For more detail on the data and algorithms used to compute this information, contact INVICTUS TOOLS.

#### REPORT OF ALL ACCEPTED SURVEYS SORTED BY SURVEY DEPTH

| SURVEY DEPTH | SURVEY ANGLE | SURVEY AZIMUTH | VERT DEPTH | N-S DEPART | E-W DEPART | TGF   | TMF   | DIP ANGLE | SURVEY # | TYPE   | SURVEY DATE & TIME |
|--------------|--------------|----------------|------------|------------|------------|-------|-------|-----------|----------|--------|--------------------|
| 0.0          | 0.00         | 0.00           | 0.00       | 0.0        | 0.0        | 0.000 | 0.000 | 0.0       | 0        | Tie-In | 11 Aug 2019 20:13  |
| 85.0         | 0.70         | 109.46         | 85.00      | -0.2       | 0.5        | 1.000 | 0.250 | 0.0       | 1        | Survey | 06 Apr 2019 00:00  |
| 160.0        | 0.50         | 213.46         | 160.00     | -0.6       | 0.7        | 1.000 | 0.250 | 0.0       | 2        | Survey | 17 Apr 2019 00:00  |
| 252.0        | 0.30         | 307.46         | 251.99     | -0.8       | 0.3        | 1.000 | 0.250 | 0.0       | 3        | Survey | 17 Apr 2019 00:00  |
| 339.0        | 0.30         | 339.46         | 338.99     | -0.4       | 0.1        | 1.000 | 0.250 | 0.0       | 4        | Survey | 17 Apr 2019 00:00  |
| 432.0        | 0.80         | 163.46         | 431.99     | -0.8       | 0.2        | 1.000 | 0.250 | 0.0       | 5        | Survey | 17 Apr 2019 00:00  |
| 557.0        | 1.10         | 221.46         | 556.98     | -2.6       | -0.4       | 1.000 | 0.250 | 0.0       | 6        | Survey | 17 Apr 2019 00:00  |
| 647.0        | 0.50         | 161.46         | 646.97     | -3.6       | -0.8       | 1.000 | 0.250 | 0.0       | 7        | Survey | 17 Apr 2019 00:00  |
| 676.0        | 0.50         | 156.46         | 675.97     | -3.8       | -0.7       | 1.000 | 0.250 | 0.0       | 8        | Survey | 17 Apr 2019 00:00  |

---

| SURVEY<br>DEPTH | SURVEY<br>ANGLE | SURVEY<br>AZIMUTH | VERT<br>DEPTH | N-S<br>DEPART | E-W<br>DEPART | TGF   | TMF   | DIP<br>ANGLE | SURVEY<br># | SURVEY<br>TYPE | SURVEY<br>DATE & TIME |       |  |
|-----------------|-----------------|-------------------|---------------|---------------|---------------|-------|-------|--------------|-------------|----------------|-----------------------|-------|--|
| 757.0           | 0.90            | 199.46            | 756.96        | -4.7          | -0.8          | 1.000 | 0.250 | 0.0          | 9           | Survey         | 17 Apr 2019           | 00:00 |  |
| 832.0           | 0.90            | 136.46            | 831.95        | -5.7          | -0.6          | 1.000 | 0.250 | 0.0          | 10          | Survey         | 17 Apr 2019           | 00:00 |  |

---



---

I Joseph Proske, certify that I am employed by Scout Downhole Inc. (SDI). That I did on the day(s) of 04/20/19 thru 05/27/19 conduct or supervise the taking of a MWD Survey from a depth of 958' to a depth of 22747'; that the data is true, correct, complete and within the limitations of the tool as set forth by Scout Downhole Inc. (SDI).; that I am authorized and qualified to make this report; that this survey was conducted at the request of XTO Energy for the PLU 15 Twin Wells Ranch 907H API No. 30-015-45062 in Eddy County, New Mexico; and that I have reviewed this report and find that it conforms to the principles and procedures as set forth by Scout Downhole Inc. (SDI).

Joseph Proske

---

1125 Beach Airport Rd, Conroe, Texas  
77301  
PH 936-756-3255 FAX 936-756-3229



## **XTO Energy**

**Eddy County, NM**

**PLU 15 Twin Wells Ranch**

**PLU 15 Twin Wells Ranch 907H**

**Wellbore #1**

**Survey: Scout MWD**

## **Standard Survey Report**

**26 June, 2019**



|                  |                              |                                     |                                           |
|------------------|------------------------------|-------------------------------------|-------------------------------------------|
| <b>Company:</b>  | XTO Energy                   | <b>Local Co-ordinate Reference:</b> | Well PLU 15 Twin Wells Ranch 907H         |
| <b>Project:</b>  | Eddy County, NM              | <b>TVD Reference:</b>               | GL 3559' + 27' KB @ 3586.00usft (H&P 467) |
| <b>Site:</b>     | PLU 15 Twin Wells Ranch      | <b>MD Reference:</b>                | GL 3559' + 27' KB @ 3586.00usft (H&P 467) |
| <b>Well:</b>     | PLU 15 Twin Wells Ranch 907H | <b>North Reference:</b>             | Grid                                      |
| <b>Wellbore:</b> | Wellbore #1                  | <b>Survey Calculation Method:</b>   | Minimum Curvature                         |
| <b>Design:</b>   | Surveys                      | <b>Database:</b>                    | EDM 5000.14 Single User Db                |

|                    |                                      |                      |                |
|--------------------|--------------------------------------|----------------------|----------------|
| <b>Project</b>     | Eddy County, NM                      |                      |                |
| <b>Map System:</b> | US State Plane 1927 (Exact solution) | <b>System Datum:</b> | Mean Sea Level |
| <b>Geo Datum:</b>  | NAD 1927 (NADCON CONUS)              |                      |                |
| <b>Map Zone:</b>   | New Mexico East 3001                 |                      |                |

|                       |           |                         |                 |                   |                   |
|-----------------------|-----------|-------------------------|-----------------|-------------------|-------------------|
| Site                  |           | PLU 15 Twin Wells Ranch |                 |                   |                   |
| Site Position:        |           | Northing:               | 440,939.70 usft | Latitude:         | 32° 12' 39.506 N  |
| From:                 | Map       | Easting:                | 676,390.50 usft | Longitude:        | 103° 45' 46.859 W |
| Position Uncertainty: | 0.00 usft | Slot Radius:            | 13-3/16 "       | Grid Convergence: | 0.30 °            |

| Well                 | PLU 15 Twin Wells Ranch 907H |           |                     |                 |               |                   |
|----------------------|------------------------------|-----------|---------------------|-----------------|---------------|-------------------|
| Well Position        | +N/-S                        | 0.00 usft | Northing:           | 440,909.70 usft | Latitude:     | 32° 12' 39.209 N  |
|                      | +E/-W                        | 0.00 usft | Easting:            | 676,390.80 usft | Longitude:    | 103° 45' 46.857 W |
| Position Uncertainty |                              | 0.00 usft | Wellhead Elevation: | usft            | Ground Level: | 3,559.00 usft     |

|                  |                   |                    |                        |                      |                            |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| <b>Wellbore</b>  | Wellbore #1       |                    |                        |                      |                            |
| <b>Magnetics</b> | <b>Model Name</b> | <b>Sample Date</b> | <b>Declination (°)</b> | <b>Dip Angle (°)</b> | <b>Field Strength (nT)</b> |
|                  | HDGM              | 02/22/19           | 6.77                   | 59.90                | 47,927.10000000            |

|                          |                                |                     |                     |                      |      |
|--------------------------|--------------------------------|---------------------|---------------------|----------------------|------|
| <b>Design</b>            | Surveys                        |                     |                     |                      |      |
| <b>Audit Notes:</b>      |                                |                     |                     |                      |      |
| <b>Version:</b>          | 1.0                            | <b>Phase:</b>       | ACTUAL              | <b>Tie On Depth:</b> | 0.00 |
| <b>Vertical Section:</b> | <b>Depth From (TVD) (usft)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Direction (°)</b> |      |
|                          | 0.00                           | 0.00                | 0.00                | 179.63               |      |

|                       |                  |                          |                    |                                            |  |
|-----------------------|------------------|--------------------------|--------------------|--------------------------------------------|--|
| <b>Survey Program</b> | <b>Date</b>      | 06/26/19                 |                    |                                            |  |
| <b>From (usft)</b>    | <b>To (usft)</b> | <b>Survey (Wellbore)</b> | <b>Tool Name</b>   | <b>Description</b>                         |  |
| 93.00                 | 840.00           | Teledrift (Wellbore #1)  | MWD                | MWD - Standard                             |  |
| 958.00                | 22,808.00        | Scout MWD (Wellbore #1)  | A008Mb_MWD+IFR1+MS | OWSG MWD + IFR1 + Multi-Station Correction |  |

|                                            |                        |                    |                              |                     |                     |                                |                                |                               |                              |  |
|--------------------------------------------|------------------------|--------------------|------------------------------|---------------------|---------------------|--------------------------------|--------------------------------|-------------------------------|------------------------------|--|
| <b>Survey</b>                              |                        |                    |                              |                     |                     |                                |                                |                               |                              |  |
| <b>Measured Depth (usft)</b>               | <b>Inclination (°)</b> | <b>Azimuth (°)</b> | <b>Vertical Depth (usft)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Vertical Section (usft)</b> | <b>Dogleg Rate (°/100usft)</b> | <b>Build Rate (°/100usft)</b> | <b>Turn Rate (°/100usft)</b> |  |
| 840.00                                     | 0.90                   | 130.00             | 839.95                       | -5.77               | 0.10                | 5.77                           | 0.00                           | 0.00                          | 0.00                         |  |
| 958.00                                     | 0.44                   | 123.29             | 957.94                       | -6.61               | 1.19                | 6.62                           | 0.39                           | -0.39                         | -5.69                        |  |
| <b>First Scout MWD Survey @ 958.00' MD</b> |                        |                    |                              |                     |                     |                                |                                |                               |                              |  |
| 1,052.00                                   | 0.35                   | 113.44             | 1,051.94                     | -6.93               | 1.75                | 6.94                           | 0.12                           | -0.10                         | -10.48                       |  |
| 1,147.00                                   | 0.35                   | 133.22             | 1,146.94                     | -7.24               | 2.23                | 7.25                           | 0.13                           | 0.00                          | 20.82                        |  |
| 1,242.00                                   | 0.35                   | 99.38              | 1,241.94                     | -7.49               | 2.73                | 7.50                           | 0.21                           | 0.00                          | -35.62                       |  |
| 1,336.00                                   | 0.35                   | 103.69             | 1,335.94                     | -7.60               | 3.29                | 7.62                           | 0.03                           | 0.00                          | 4.59                         |  |
| 1,431.00                                   | 0.53                   | 102.55             | 1,430.93                     | -7.76               | 4.00                | 7.79                           | 0.19                           | 0.19                          | -1.20                        |  |
| 1,525.00                                   | 0.40                   | 86.55              | 1,524.93                     | -7.84               | 4.75                | 7.87                           | 0.19                           | -0.14                         | -17.02                       |  |
| 1,620.00                                   | 0.48                   | 89.89              | 1,619.93                     | -7.82               | 5.48                | 7.85                           | 0.09                           | 0.08                          | 3.52                         |  |

|                  |                              |                                     |                                           |
|------------------|------------------------------|-------------------------------------|-------------------------------------------|
| <b>Company:</b>  | XTO Energy                   | <b>Local Co-ordinate Reference:</b> | Well PLU 15 Twin Wells Ranch 907H         |
| <b>Project:</b>  | Eddy County, NM              | <b>TVD Reference:</b>               | GL 3559' + 27" KB @ 3586.00usft (H&P 467) |
| <b>Site:</b>     | PLU 15 Twin Wells Ranch      | <b>MD Reference:</b>                | GL 3559' + 27" KB @ 3586.00usft (H&P 467) |
| <b>Well:</b>     | PLU 15 Twin Wells Ranch 907H | <b>North Reference:</b>             | Grid                                      |
| <b>Wellbore:</b> | Wellbore #1                  | <b>Survey Calculation Method:</b>   | Minimum Curvature                         |
| <b>Design:</b>   | Surveys                      | <b>Database:</b>                    | EDM 5000.14 Single User Db                |

| Survey                |                 |             |                       |              |              |                         |                         |                        |                       |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 1,714.00              | 0.53            | 70.20       | 1,713.93              | -7.67        | 6.29         | 7.71                    | 0.19                    | 0.05                   | -20.95                |
| 1,808.00              | 0.66            | 77.06       | 1,807.92              | -7.40        | 7.22         | 7.45                    | 0.16                    | 0.14                   | 7.30                  |
| 1,903.00              | 0.48            | 80.05       | 1,902.92              | -7.21        | 8.15         | 7.26                    | 0.19                    | -0.19                  | 3.15                  |
| 1,997.00              | 0.66            | 72.66       | 1,996.91              | -6.98        | 9.05         | 7.04                    | 0.21                    | 0.19                   | -7.86                 |
| 2,091.00              | 0.62            | 56.76       | 2,090.90              | -6.54        | 9.99         | 6.61                    | 0.19                    | -0.04                  | -16.91                |
| 2,185.00              | 0.66            | 63.26       | 2,184.90              | -6.02        | 10.90        | 6.09                    | 0.09                    | 0.04                   | 6.91                  |
| 2,280.00              | 0.75            | 67.83       | 2,279.89              | -5.54        | 11.97        | 5.62                    | 0.11                    | 0.09                   | 4.81                  |
| 2,374.00              | 0.70            | 62.74       | 2,373.88              | -5.04        | 13.05        | 5.13                    | 0.09                    | -0.05                  | -5.41                 |
| 2,468.00              | 0.53            | 79.78       | 2,467.88              | -4.70        | 13.99        | 4.79                    | 0.26                    | -0.18                  | 18.13                 |
| 2,563.00              | 0.70            | 90.24       | 2,562.87              | -4.63        | 15.00        | 4.72                    | 0.21                    | 0.18                   | 11.01                 |
| 2,657.00              | 0.62            | 98.94       | 2,656.87              | -4.71        | 16.07        | 4.81                    | 0.14                    | -0.09                  | 9.26                  |
| 2,751.00              | 0.66            | 118.10      | 2,750.86              | -5.04        | 17.05        | 5.15                    | 0.23                    | 0.04                   | 20.38                 |
| 2,845.00              | 0.62            | 145.88      | 2,844.86              | -5.72        | 17.82        | 5.83                    | 0.33                    | -0.04                  | 29.55                 |
| 2,940.00              | 0.75            | 138.85      | 2,939.85              | -6.61        | 18.52        | 6.73                    | 0.16                    | 0.14                   | -7.40                 |
| 3,034.00              | 0.75            | 140.08      | 3,033.84              | -7.55        | 19.31        | 7.67                    | 0.02                    | 0.00                   | 1.31                  |
| 3,128.00              | 0.84            | 136.30      | 3,127.83              | -8.52        | 20.19        | 8.65                    | 0.11                    | 0.10                   | -4.02                 |
| 3,222.00              | 1.05            | 113.80      | 3,221.82              | -9.36        | 21.45        | 9.50                    | 0.45                    | 0.22                   | -23.94                |
| 3,317.00              | 0.97            | 111.51      | 3,316.80              | -10.01       | 22.99        | 10.16                   | 0.09                    | -0.08                  | -2.41                 |
| 3,411.00              | 0.48            | 125.22      | 3,410.80              | -10.53       | 24.06        | 10.68                   | 0.55                    | -0.52                  | 14.59                 |
| 3,505.00              | 0.40            | 152.91      | 3,504.79              | -11.05       | 24.53        | 11.21                   | 0.24                    | -0.09                  | 29.46                 |
| 3,600.00              | 0.48            | 161.26      | 3,599.79              | -11.72       | 24.81        | 11.88                   | 0.11                    | 0.08                   | 8.79                  |
| 3,694.00              | 0.62            | 164.25      | 3,693.79              | -12.58       | 25.07        | 12.74                   | 0.15                    | 0.15                   | 3.18                  |
| 3,788.00              | 1.14            | 128.56      | 3,787.78              | -13.65       | 25.94        | 13.82                   | 0.78                    | 0.55                   | -37.97                |
| 3,883.00              | 1.23            | 140.34      | 3,882.76              | -15.03       | 27.33        | 15.20                   | 0.27                    | 0.09                   | 12.40                 |
| 3,977.00              | 0.92            | 149.39      | 3,976.74              | -16.45       | 28.36        | 16.64                   | 0.38                    | -0.33                  | 9.63                  |
| 4,072.00              | 1.67            | 143.77      | 4,071.71              | -18.23       | 29.56        | 18.42                   | 0.80                    | 0.79                   | -5.92                 |
| 4,166.00              | 1.54            | 159.15      | 4,165.68              | -20.51       | 30.82        | 20.71                   | 0.48                    | -0.14                  | 16.36                 |
| 4,248.00              | 1.58            | 160.64      | 4,247.65              | -22.61       | 31.59        | 22.81                   | 0.07                    | 0.05                   | 1.82                  |
| 4,350.00              | 1.36            | 162.93      | 4,349.61              | -25.09       | 32.41        | 25.30                   | 0.22                    | -0.22                  | 2.25                  |
| 4,445.00              | 1.36            | 162.58      | 4,444.59              | -27.25       | 33.08        | 27.46                   | 0.01                    | 0.00                   | -0.37                 |
| 4,539.00              | 0.09            | 72.31       | 4,538.58              | -28.29       | 33.48        | 28.50                   | 1.45                    | -1.35                  | -96.03                |
| 4,634.00              | 0.84            | 341.70      | 4,633.58              | -27.60       | 33.34        | 27.82                   | 0.89                    | 0.79                   | -95.38                |
| 4,728.00              | 0.84            | 345.48      | 4,727.57              | -26.28       | 32.95        | 26.50                   | 0.06                    | 0.00                   | 4.02                  |
| 4,823.00              | 0.79            | 350.57      | 4,822.56              | -24.96       | 32.67        | 25.17                   | 0.09                    | -0.05                  | 5.36                  |
| 4,917.00              | 0.48            | 349.34      | 4,916.55              | -23.94       | 32.49        | 24.15                   | 0.33                    | -0.33                  | -1.31                 |
| 5,011.00              | 0.97            | 22.13       | 5,010.54              | -22.81       | 32.71        | 23.02                   | 0.66                    | 0.52                   | 34.88                 |
| 5,106.00              | 0.84            | 11.14       | 5,105.53              | -21.38       | 33.15        | 21.60                   | 0.23                    | -0.14                  | -11.57                |
| 5,200.00              | 0.88            | 3.32        | 5,199.52              | -19.99       | 33.33        | 20.20                   | 0.13                    | 0.04                   | -8.32                 |
| 5,295.00              | 0.97            | 0.86        | 5,294.51              | -18.46       | 33.38        | 18.67                   | 0.10                    | 0.09                   | -2.59                 |
| 5,389.00              | 1.05            | 356.73      | 5,388.49              | -16.80       | 33.34        | 17.02                   | 0.12                    | 0.09                   | -4.39                 |
| 5,484.00              | 0.57            | 308.56      | 5,483.48              | -15.64       | 32.92        | 15.85                   | 0.83                    | -0.51                  | -50.71                |
| 5,578.00              | 0.75            | 276.57      | 5,577.48              | -15.27       | 31.95        | 15.48                   | 0.43                    | 0.19                   | -34.03                |
| 5,673.00              | 0.75            | 282.63      | 5,672.47              | -15.07       | 30.72        | 15.27                   | 0.08                    | 0.00                   | 6.38                  |



|                  |                              |                                     |                                           |
|------------------|------------------------------|-------------------------------------|-------------------------------------------|
| <b>Company:</b>  | XTO Energy                   | <b>Local Co-ordinate Reference:</b> | Well PLU 15 Twin Wells Ranch 907H         |
| <b>Project:</b>  | Eddy County, NM              | <b>TVD Reference:</b>               | GL 3559' + 27' KB @ 3586.00usft (H&P 467) |
| <b>Site:</b>     | PLU 15 Twin Wells Ranch      | <b>MD Reference:</b>                | GL 3559' + 27' KB @ 3586.00usft (H&P 467) |
| <b>Well:</b>     | PLU 15 Twin Wells Ranch 907H | <b>North Reference:</b>             | Grid                                      |
| <b>Wellbore:</b> | Wellbore #1                  | <b>Survey Calculation Method:</b>   | Minimum Curvature                         |
| <b>Design:</b>   | Surveys                      | <b>Database:</b>                    | EDM 5000.14 Single User Db                |

| Survey                |                 |             |                       |              |              |                         |                         |                        |                       |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 5,767.00              | 0.79            | 285.18      | 5,766.46              | -14.76       | 29.50        | 14.95                   | 0.06                    | 0.04                   | 2.71                  |
| 5,861.00              | 0.75            | 297.31      | 5,860.45              | -14.31       | 28.33        | 14.49                   | 0.18                    | -0.04                  | 12.90                 |
| 5,956.00              | 0.92            | 292.74      | 5,955.44              | -13.73       | 27.07        | 13.91                   | 0.19                    | 0.18                   | -4.81                 |
| 6,050.00              | 1.05            | 301.62      | 6,049.43              | -12.99       | 25.64        | 13.15                   | 0.21                    | 0.14                   | 9.45                  |
| 6,145.00              | 0.62            | 295.73      | 6,144.42              | -12.31       | 24.44        | 12.47                   | 0.46                    | -0.45                  | -6.20                 |
| 6,240.00              | 0.26            | 308.65      | 6,239.42              | -11.95       | 23.80        | 12.10                   | 0.39                    | -0.38                  | 13.60                 |
| 6,334.00              | 0.35            | 270.95      | 6,333.41              | -11.81       | 23.35        | 11.96                   | 0.23                    | 0.10                   | -40.11                |
| 6,429.00              | 0.44            | 272.00      | 6,428.41              | -11.80       | 22.70        | 11.94                   | 0.10                    | 0.09                   | 1.11                  |
| 6,523.00              | 0.44            | 283.86      | 6,522.41              | -11.70       | 21.99        | 11.84                   | 0.10                    | 0.00                   | 12.62                 |
| 6,617.00              | 0.40            | 289.58      | 6,616.41              | -11.50       | 21.33        | 11.64                   | 0.06                    | -0.04                  | 6.09                  |
| 6,712.00              | 0.13            | 245.98      | 6,711.41              | -11.43       | 20.91        | 11.57                   | 0.34                    | -0.28                  | -45.89                |
| 6,807.00              | 0.18            | 194.30      | 6,806.41              | -11.62       | 20.78        | 11.76                   | 0.15                    | 0.05                   | -54.40                |
| 6,902.00              | 0.31            | 169.08      | 6,901.40              | -12.02       | 20.79        | 12.15                   | 0.17                    | 0.14                   | -26.55                |
| 6,997.00              | 0.26            | 153.96      | 6,996.40              | -12.46       | 20.93        | 12.60                   | 0.09                    | -0.05                  | -15.92                |
| 7,091.00              | 0.22            | 120.12      | 7,090.40              | -12.75       | 21.18        | 12.88                   | 0.15                    | -0.04                  | -36.00                |
| 7,186.00              | 0.26            | 131.20      | 7,185.40              | -12.98       | 21.50        | 13.12                   | 0.06                    | 0.04                   | 11.66                 |
| 7,281.00              | 0.22            | 115.47      | 7,280.40              | -13.20       | 21.83        | 13.34                   | 0.08                    | -0.04                  | -16.56                |
| 7,376.00              | 0.31            | 81.01       | 7,375.40              | -13.24       | 22.25        | 13.38                   | 0.19                    | 0.09                   | -36.27                |
| 7,470.00              | 0.31            | 91.74       | 7,469.40              | -13.21       | 22.75        | 13.35                   | 0.06                    | 0.00                   | 11.41                 |
| 7,564.00              | 0.31            | 98.59       | 7,563.40              | -13.25       | 23.26        | 13.40                   | 0.04                    | 0.00                   | 7.29                  |
| 7,659.00              | 0.40            | 105.53      | 7,658.40              | -13.38       | 23.83        | 13.53                   | 0.10                    | 0.09                   | 7.31                  |
| 7,753.00              | 0.48            | 101.05      | 7,752.39              | -13.54       | 24.54        | 13.70                   | 0.09                    | 0.09                   | -4.77                 |
| 7,848.00              | 0.48            | 110.72      | 7,847.39              | -13.76       | 25.30        | 13.92                   | 0.09                    | 0.00                   | 10.18                 |
| 7,942.00              | 0.62            | 126.63      | 7,941.39              | -14.20       | 26.08        | 14.37                   | 0.22                    | 0.15                   | 16.93                 |
| 8,036.00              | 0.62            | 140.78      | 8,035.38              | -14.90       | 26.81        | 15.07                   | 0.16                    | 0.00                   | 15.05                 |
| 8,131.00              | 0.57            | 160.47      | 8,130.37              | -15.74       | 27.29        | 15.92                   | 0.22                    | -0.05                  | 20.73                 |
| 8,225.00              | 0.62            | 177.34      | 8,224.37              | -16.69       | 27.47        | 16.87                   | 0.19                    | 0.05                   | 17.95                 |
| 8,319.00              | 0.40            | 242.64      | 8,318.37              | -17.35       | 27.20        | 17.53                   | 0.62                    | -0.23                  | 69.47                 |
| 8,414.00              | 0.66            | 300.56      | 8,413.36              | -17.23       | 26.43        | 17.40                   | 0.59                    | 0.27                   | 60.97                 |
| 8,508.00              | 0.79            | 288.44      | 8,507.36              | -16.75       | 25.35        | 16.91                   | 0.21                    | 0.14                   | -12.89                |
| 8,602.00              | 0.88            | 286.77      | 8,601.35              | -16.33       | 24.05        | 16.49                   | 0.10                    | 0.10                   | -1.78                 |
| 8,697.00              | 0.75            | 239.22      | 8,696.34              | -16.44       | 22.82        | 16.59                   | 0.70                    | -0.14                  | -50.05                |
| 8,791.00              | 1.05            | 229.81      | 8,790.33              | -17.31       | 21.63        | 17.45                   | 0.35                    | 0.32                   | -10.01                |
| 8,885.00              | 1.27            | 227.79      | 8,884.31              | -18.57       | 20.20        | 18.70                   | 0.24                    | 0.23                   | -2.15                 |
| 8,980.00              | 1.01            | 225.51      | 8,979.29              | -19.86       | 18.82        | 19.98                   | 0.28                    | -0.27                  | -2.40                 |
| 9,075.00              | 0.92            | 217.42      | 9,074.27              | -21.05       | 17.76        | 21.17                   | 0.17                    | -0.09                  | -8.52                 |
| 9,170.00              | 0.75            | 239.30      | 9,169.26              | -21.98       | 16.76        | 22.08                   | 0.38                    | -0.18                  | 23.03                 |
| 9,265.00              | 0.88            | 265.23      | 9,264.25              | -22.35       | 15.50        | 22.45                   | 0.41                    | 0.14                   | 27.29                 |
| 9,360.00              | 1.58            | 253.98      | 9,359.23              | -22.78       | 13.52        | 22.86                   | 0.78                    | 0.74                   | -11.84                |
| 9,454.00              | 1.32            | 270.42      | 9,453.20              | -23.13       | 11.19        | 23.20                   | 0.52                    | -0.28                  | 17.49                 |
| 9,549.00              | 0.97            | 298.54      | 9,548.18              | -22.73       | 9.39         | 22.79                   | 0.69                    | -0.37                  | 29.60                 |
| 9,644.00              | 0.92            | 307.77      | 9,643.17              | -21.88       | 8.08         | 21.93                   | 0.17                    | -0.05                  | 9.72                  |
| 9,738.00              | 0.31            | 279.12      | 9,737.17              | -21.38       | 7.23         | 21.43                   | 0.71                    | -0.65                  | -30.48                |

|                  |                              |                                     |                                           |
|------------------|------------------------------|-------------------------------------|-------------------------------------------|
| <b>Company:</b>  | XTO Energy                   | <b>Local Co-ordinate Reference:</b> | Well PLU 15 Twin Wells Ranch 907H         |
| <b>Project:</b>  | Eddy County, NM              | <b>TVD Reference:</b>               | GL 3559' + 27' KB @ 3586.00usft (H&P 467) |
| <b>Site:</b>     | PLU 15 Twin Wells Ranch      | <b>MD Reference:</b>                | GL 3559' + 27' KB @ 3586.00usft (H&P 467) |
| <b>Well:</b>     | PLU 15 Twin Wells Ranch 907H | <b>North Reference:</b>             | Grid                                      |
| <b>Wellbore:</b> | Wellbore #1                  | <b>Survey Calculation Method:</b>   | Minimum Curvature                         |
| <b>Design:</b>   | Surveys                      | <b>Database:</b>                    | EDM 5000.14 Single User Db                |

| Survey                |                 |             |                       |              |              |                         |                         |                        |                       |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 9,833.00              | 0.75            | 189.82      | 9,832.16              | -21.95       | 6.87         | 22.00                   | 0.85                    | 0.46                   | -94.00                |
| 9,927.00              | 1.01            | 195.62      | 9,926.15              | -23.36       | 6.54         | 23.40                   | 0.29                    | 0.28                   | 6.17                  |
| 10,022.00             | 1.01            | 195.01      | 10,021.14             | -24.97       | 6.10         | 25.01                   | 0.01                    | 0.00                   | -0.64                 |
| 10,117.00             | 1.32            | 189.38      | 10,116.12             | -26.86       | 5.70         | 26.90                   | 0.35                    | 0.33                   | -5.93                 |
| 10,212.00             | 1.19            | 186.22      | 10,211.09             | -28.92       | 5.42         | 28.95                   | 0.15                    | -0.14                  | -3.33                 |
| 10,307.00             | 1.14            | 210.48      | 10,306.07             | -30.71       | 4.83         | 30.74                   | 0.52                    | -0.05                  | 25.54                 |
| 10,402.00             | 1.71            | 219.44      | 10,401.05             | -32.62       | 3.45         | 32.64                   | 0.64                    | 0.60                   | 9.43                  |
| 10,497.00             | 1.41            | 224.89      | 10,496.01             | -34.55       | 1.73         | 34.56                   | 0.35                    | -0.32                  | 5.74                  |
| 10,512.00             | 1.19            | 229.64      | 10,511.01             | -34.78       | 1.48         | 34.79                   | 1.63                    | -1.47                  | 31.67                 |
| 10,619.00             | 0.99            | 251.75      | 10,617.99             | -35.79       | -0.25        | 35.78                   | 0.43                    | -0.19                  | 20.66                 |
| 10,666.00             | 0.82            | 231.30      | 10,664.98             | -36.12       | -0.89        | 36.12                   | 0.77                    | -0.36                  | -43.51                |
| 10,713.00             | 3.05            | 121.05      | 10,711.96             | -36.98       | -0.08        | 36.98                   | 7.28                    | 4.74                   | -234.57               |
| 10,807.00             | 7.01            | 97.18       | 10,805.59             | -38.99       | 7.75         | 39.04                   | 4.68                    | 4.21                   | -25.39                |
| 10,902.00             | 6.52            | 85.57       | 10,899.93             | -39.30       | 18.88        | 39.42                   | 1.53                    | -0.52                  | -12.22                |
| 10,996.00             | 7.96            | 77.75       | 10,993.18             | -37.50       | 30.57        | 37.70                   | 1.85                    | 1.53                   | -8.32                 |
| 11,090.00             | 8.72            | 87.91       | 11,086.19             | -35.86       | 44.05        | 36.14                   | 1.76                    | 0.81                   | 10.81                 |
| 11,184.00             | 16.00           | 109.03      | 11,177.99             | -39.83       | 63.45        | 40.24                   | 8.99                    | 7.74                   | 22.47                 |
| 11,279.00             | 22.58           | 112.03      | 11,267.61             | -50.96       | 92.77        | 51.55                   | 7.00                    | 6.93                   | 3.16                  |
| 11,374.00             | 23.00           | 102.52      | 11,355.23             | -61.82       | 127.80       | 62.65                   | 3.90                    | 0.44                   | -10.01                |
| 11,421.00             | 23.09           | 96.20       | 11,398.48             | -64.81       | 145.93       | 65.75                   | 5.27                    | 0.19                   | -13.45                |
| 11,468.00             | 24.49           | 91.49       | 11,441.49             | -66.06       | 164.84       | 67.12                   | 5.02                    | 2.98                   | -10.02                |
| 11,515.00             | 24.79           | 96.19       | 11,484.22             | -67.37       | 184.37       | 68.56                   | 4.22                    | 0.64                   | 10.00                 |
| 11,563.00             | 27.74           | 101.54      | 11,527.26             | -70.70       | 205.33       | 72.02                   | 7.87                    | 6.15                   | 11.15                 |
| 11,610.00             | 32.44           | 107.66      | 11,567.93             | -76.71       | 228.08       | 78.18                   | 11.93                   | 10.00                  | 13.02                 |
| 11,657.00             | 38.90           | 113.99      | 11,606.10             | -86.55       | 253.61       | 88.19                   | 15.81                   | 13.74                  | 13.47                 |
| 11,704.00             | 43.35           | 115.03      | 11,641.50             | -99.38       | 281.72       | 101.20                  | 9.58                    | 9.47                   | 2.21                  |
| 11,751.00             | 46.87           | 115.29      | 11,674.66             | -113.54      | 311.85       | 115.55                  | 7.50                    | 7.49                   | 0.55                  |
| 11,798.00             | 50.76           | 111.14      | 11,705.61             | -127.44      | 344.36       | 129.66                  | 10.61                   | 8.28                   | -8.83                 |
| 11,845.00             | 54.25           | 110.62      | 11,734.22             | -140.72      | 379.19       | 143.17                  | 7.48                    | 7.43                   | -1.11                 |
| 11,893.00             | 59.57           | 103.81      | 11,760.44             | -152.54      | 417.58       | 155.23                  | 16.24                   | 11.08                  | -14.19                |
| 11,940.00             | 65.71           | 99.58       | 11,782.03             | -160.95      | 458.43       | 163.91                  | 15.31                   | 13.06                  | -9.00                 |
| 11,988.00             | 67.17           | 99.81       | 11,801.22             | -168.36      | 501.80       | 171.60                  | 3.07                    | 3.04                   | 0.48                  |
| 12,035.00             | 69.90           | 99.97       | 11,818.42             | -175.88      | 544.89       | 179.39                  | 5.82                    | 5.81                   | 0.34                  |
| 12,082.00             | 72.28           | 101.64      | 11,833.65             | -184.21      | 588.55       | 188.01                  | 6.08                    | 5.06                   | 3.55                  |
| 12,129.00             | 72.74           | 107.20      | 11,847.78             | -195.38      | 631.95       | 199.45                  | 11.32                   | 0.98                   | 11.83                 |
| 12,176.00             | 73.21           | 111.92      | 11,861.55             | -210.42      | 674.28       | 214.77                  | 9.65                    | 1.00                   | 10.04                 |
| 12,224.00             | 74.13           | 115.41      | 11,875.05             | -228.91      | 716.46       | 233.53                  | 7.24                    | 1.92                   | 7.27                  |
| 12,271.00             | 77.31           | 122.30      | 11,886.66             | -250.89      | 756.31       | 255.77                  | 15.73                   | 6.77                   | 14.66                 |
| 12,319.00             | 75.60           | 127.02      | 11,897.90             | -277.41      | 794.69       | 282.54                  | 10.20                   | -3.56                  | 9.83                  |
| 12,366.00             | 76.79           | 130.83      | 11,909.12             | -306.08      | 830.19       | 311.44                  | 8.27                    | 2.53                   | 8.11                  |
| 12,413.00             | 80.01           | 132.79      | 11,918.57             | -336.78      | 864.49       | 342.35                  | 7.98                    | 6.85                   | 4.17                  |
| 12,460.00             | 86.07           | 136.47      | 11,924.27             | -369.54      | 897.67       | 375.33                  | 15.05                   | 12.89                  | 7.83                  |
| 12,507.00             | 88.38           | 142.56      | 11,926.54             | -405.22      | 928.13       | 411.21                  | 13.84                   | 4.91                   | 12.96                 |
| 12,555.00             | 89.87           | 148.81      | 11,927.28             | -444.84      | 955.17       | 451.00                  | 13.38                   | 3.10                   | 13.02                 |

|                  |                              |                                     |                                           |
|------------------|------------------------------|-------------------------------------|-------------------------------------------|
| <b>Company:</b>  | XTO Energy                   | <b>Local Co-ordinate Reference:</b> | Well PLU 15 Twin Wells Ranch 907H         |
| <b>Project:</b>  | Eddy County, NM              | <b>TVD Reference:</b>               | GL 3559' + 27' KB @ 3586.00usft (H&P 467) |
| <b>Site:</b>     | PLU 15 Twin Wells Ranch      | <b>MD Reference:</b>                | GL 3559' + 27' KB @ 3586.00usft (H&P 467) |
| <b>Well:</b>     | PLU 15 Twin Wells Ranch 907H | <b>North Reference:</b>             | Grid                                      |
| <b>Wellbore:</b> | Wellbore #1                  | <b>Survey Calculation Method:</b>   | Minimum Curvature                         |
| <b>Design:</b>   | Surveys                      | <b>Database:</b>                    | EDM 5000.14 Single User Db                |

| Survey                |                 |             |                       |              |              |                         |                         |                        |                       |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 12,602.00             | 93.43           | 154.36      | 11,925.92             | -486.14      | 977.51       | 492.44                  | 14.02                   | 7.57                   | 11.81                 |
| 12,649.00             | 96.34           | 159.48      | 11,921.92             | -529.20      | 995.87       | 535.62                  | 12.49                   | 6.19                   | 10.89                 |
| 12,696.00             | 92.54           | 167.11      | 11,918.28             | -574.04      | 1,009.32     | 580.55                  | 18.09                   | -8.09                  | 16.23                 |
| 12,744.00             | 88.30           | 175.67      | 11,917.92             | -621.45      | 1,016.49     | 628.00                  | 19.90                   | -8.83                  | 17.83                 |
| 12,791.00             | 85.23           | 181.76      | 11,920.58             | -668.33      | 1,017.55     | 674.89                  | 14.49                   | -6.53                  | 12.96                 |
| 12,885.00             | 88.06           | 183.41      | 11,926.08             | -762.06      | 1,013.31     | 768.59                  | 3.48                    | 3.01                   | 1.76                  |
| 12,980.00             | 88.10           | 184.02      | 11,929.26             | -856.81      | 1,007.16     | 863.30                  | 0.64                    | 0.04                   | 0.64                  |
| 13,075.00             | 87.64           | 183.63      | 11,932.79             | -951.53      | 1,000.83     | 957.97                  | 0.63                    | -0.48                  | -0.41                 |
| 13,169.00             | 86.80           | 182.86      | 11,937.35             | -1,045.27    | 995.51       | 1,051.68                | 1.21                    | -0.89                  | -0.82                 |
| 13,264.00             | 88.18           | 181.41      | 11,941.51             | -1,140.11    | 991.98       | 1,146.49                | 2.11                    | 1.45                   | -1.53                 |
| 13,358.00             | 89.53           | 179.20      | 11,943.39             | -1,234.08    | 991.48       | 1,240.46                | 2.75                    | 1.44                   | -2.35                 |
| 13,453.00             | 89.32           | 178.87      | 11,944.34             | -1,329.06    | 993.08       | 1,335.45                | 0.41                    | -0.22                  | -0.35                 |
| 13,547.00             | 89.60           | 179.05      | 11,945.23             | -1,423.04    | 994.79       | 1,429.43                | 0.35                    | 0.30                   | 0.19                  |
| 13,642.00             | 89.86           | 178.84      | 11,945.68             | -1,518.02    | 996.54       | 1,524.43                | 0.35                    | 0.27                   | -0.22                 |
| 13,736.00             | 89.67           | 178.41      | 11,946.06             | -1,612.00    | 998.79       | 1,618.41                | 0.50                    | -0.20                  | -0.46                 |
| 13,831.00             | 91.91           | 179.63      | 11,944.75             | -1,706.96    | 1,000.42     | 1,713.39                | 2.68                    | 2.36                   | 1.28                  |
| 13,925.00             | 91.41           | 177.30      | 11,942.03             | -1,800.88    | 1,002.93     | 1,807.32                | 2.53                    | -0.53                  | -2.48                 |
| 14,020.00             | 92.60           | 179.87      | 11,938.71             | -1,895.79    | 1,005.28     | 1,902.24                | 2.98                    | 1.25                   | 2.71                  |
| 14,114.00             | 91.42           | 180.32      | 11,935.41             | -1,989.73    | 1,005.12     | 1,996.18                | 1.34                    | -1.26                  | 0.48                  |
| 14,209.00             | 91.54           | 180.22      | 11,932.96             | -2,084.70    | 1,004.67     | 2,091.14                | 0.16                    | 0.13                   | -0.11                 |
| 14,303.00             | 90.95           | 181.47      | 11,930.91             | -2,178.66    | 1,003.29     | 2,185.09                | 1.47                    | -0.63                  | 1.33                  |
| 14,398.00             | 89.87           | 180.02      | 11,930.23             | -2,273.65    | 1,002.05     | 2,280.07                | 1.90                    | -1.14                  | -1.53                 |
| 14,492.00             | 89.35           | 180.85      | 11,930.87             | -2,367.64    | 1,001.34     | 2,374.06                | 1.04                    | -0.55                  | 0.88                  |
| 14,587.00             | 89.52           | 180.75      | 11,931.81             | -2,462.63    | 1,000.01     | 2,469.03                | 0.21                    | 0.18                   | -0.11                 |
| 14,682.00             | 88.61           | 180.50      | 11,933.36             | -2,557.61    | 998.98       | 2,564.00                | 0.99                    | -0.96                  | -0.26                 |
| 14,776.00             | 88.83           | 180.69      | 11,935.46             | -2,651.58    | 998.00       | 2,657.97                | 0.31                    | 0.23                   | 0.20                  |
| 14,871.00             | 88.07           | 180.44      | 11,938.03             | -2,746.54    | 997.06       | 2,752.92                | 0.84                    | -0.80                  | -0.26                 |
| 14,967.00             | 87.34           | 179.76      | 11,941.87             | -2,842.46    | 996.90       | 2,848.84                | 1.04                    | -0.76                  | -0.71                 |
| 15,061.00             | 89.14           | 179.44      | 11,944.76             | -2,936.41    | 997.55       | 2,942.79                | 1.94                    | 1.91                   | -0.34                 |
| 15,156.00             | 90.60           | 180.36      | 11,944.98             | -3,031.40    | 997.72       | 3,037.78                | 1.82                    | 1.54                   | 0.97                  |
| 15,250.00             | 91.38           | 181.28      | 11,943.35             | -3,125.38    | 996.37       | 3,131.75                | 1.28                    | 0.83                   | 0.98                  |
| 15,344.00             | 91.33           | 180.88      | 11,941.13             | -3,219.34    | 994.60       | 3,225.69                | 0.43                    | -0.05                  | -0.43                 |
| 15,439.00             | 91.94           | 180.82      | 11,938.42             | -3,314.29    | 993.19       | 3,320.63                | 0.65                    | 0.64                   | -0.06                 |
| 15,533.00             | 91.96           | 181.00      | 11,935.22             | -3,408.22    | 991.70       | 3,414.55                | 0.19                    | 0.02                   | 0.19                  |
| 15,627.00             | 92.57           | 181.10      | 11,931.51             | -3,502.13    | 989.98       | 3,508.45                | 0.66                    | 0.65                   | 0.11                  |
| 15,721.00             | 91.60           | 182.32      | 11,928.09             | -3,596.02    | 987.18       | 3,602.32                | 1.66                    | -1.03                  | 1.30                  |
| 15,816.00             | 90.39           | 182.64      | 11,926.44             | -3,690.92    | 983.07       | 3,697.19                | 1.32                    | -1.27                  | 0.34                  |
| 15,910.00             | 90.12           | 181.73      | 11,926.02             | -3,784.85    | 979.48       | 3,791.09                | 1.01                    | -0.29                  | -0.97                 |
| 16,005.00             | 90.48           | 182.53      | 11,925.52             | -3,879.78    | 975.95       | 3,886.00                | 0.92                    | 0.38                   | 0.84                  |
| 16,099.00             | 90.04           | 181.42      | 11,925.09             | -3,973.72    | 972.71       | 3,979.92                | 1.27                    | -0.47                  | -1.18                 |
| 16,194.00             | 87.35           | 180.67      | 11,927.26             | -4,068.67    | 970.98       | 4,074.86                | 2.94                    | -2.83                  | -0.79                 |
| 16,288.00             | 87.37           | 180.66      | 11,931.59             | -4,162.57    | 969.89       | 4,168.74                | 0.02                    | 0.02                   | -0.01                 |
| 16,382.00             | 86.30           | 179.87      | 11,936.78             | -4,256.42    | 969.46       | 4,262.59                | 1.41                    | -1.14                  | -0.84                 |

|                  |                              |                                     |                                           |
|------------------|------------------------------|-------------------------------------|-------------------------------------------|
| <b>Company:</b>  | XTO Energy                   | <b>Local Co-ordinate Reference:</b> | Well PLU 15 Twin Wells Ranch 907H         |
| <b>Project:</b>  | Eddy County, NM              | <b>TVD Reference:</b>               | GL 3559' + 27" KB @ 3586.00usft (H&P 467) |
| <b>Site:</b>     | PLU 15 Twin Wells Ranch      | <b>MD Reference:</b>                | GL 3559' + 27" KB @ 3586.00usft (H&P 467) |
| <b>Well:</b>     | PLU 15 Twin Wells Ranch 907H | <b>North Reference:</b>             | Grid                                      |
| <b>Wellbore:</b> | Wellbore #1                  | <b>Survey Calculation Method:</b>   | Minimum Curvature                         |
| <b>Design:</b>   | Surveys                      | <b>Database:</b>                    | EDM 5000.14 Single User Db                |

| Survey                |                 |             |                       |              |              |                         |                         |                        |                       |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 16,476.00             | 87.34           | 176.86      | 11,941.99             | -4,350.22    | 972.14       | 4,356.41                | 3.38                    | 1.11                   | -3.20                 |
| 16,570.00             | 87.37           | 176.43      | 11,946.33             | -4,443.96    | 977.63       | 4,450.18                | 0.46                    | 0.03                   | -0.46                 |
| 16,664.00             | 86.86           | 175.81      | 11,951.06             | -4,537.63    | 983.98       | 4,543.89                | 0.85                    | -0.54                  | -0.66                 |
| 16,759.00             | 88.54           | 175.28      | 11,954.87             | -4,632.26    | 991.36       | 4,638.57                | 1.85                    | 1.77                   | -0.56                 |
| 16,792.00             | 89.11           | 175.81      | 11,955.55             | -4,665.15    | 993.92       | 4,671.48                | 2.36                    | 1.73                   | 1.61                  |
| 16,886.00             | 89.87           | 177.32      | 11,956.39             | -4,758.98    | 999.55       | 4,765.33                | 1.80                    | 0.81                   | 1.61                  |
| 16,981.00             | 89.74           | 177.88      | 11,956.71             | -4,853.89    | 1,003.53     | 4,860.27                | 0.61                    | -0.14                  | 0.59                  |
| 17,075.00             | 89.83           | 176.93      | 11,957.06             | -4,947.80    | 1,007.78     | 4,954.20                | 1.02                    | 0.10                   | -1.01                 |
| 17,169.00             | 91.77           | 176.51      | 11,955.75             | -5,041.63    | 1,013.16     | 5,048.07                | 2.11                    | 2.06                   | -0.45                 |
| 17,263.00             | 91.55           | 175.65      | 11,953.03             | -5,135.37    | 1,019.59     | 5,141.84                | 0.94                    | -0.23                  | -0.91                 |
| 17,357.00             | 92.27           | 176.76      | 11,949.89             | -5,229.11    | 1,025.80     | 5,235.62                | 1.41                    | 0.77                   | 1.18                  |
| 17,452.00             | 92.25           | 178.13      | 11,946.15             | -5,323.94    | 1,030.04     | 5,330.48                | 1.44                    | -0.02                  | 1.44                  |
| 17,547.00             | 90.98           | 182.41      | 11,943.47             | -5,418.87    | 1,029.59     | 5,425.41                | 4.70                    | -1.34                  | 4.51                  |
| 17,641.00             | 90.72           | 182.21      | 11,942.08             | -5,512.79    | 1,025.80     | 5,519.30                | 0.35                    | -0.28                  | -0.21                 |
| 17,736.00             | 90.76           | 181.93      | 11,940.85             | -5,607.72    | 1,022.37     | 5,614.20                | 0.30                    | 0.04                   | -0.29                 |
| 17,830.00             | 90.94           | 181.19      | 11,939.45             | -5,701.67    | 1,019.81     | 5,708.14                | 0.81                    | 0.19                   | -0.79                 |
| 17,924.00             | 90.80           | 180.76      | 11,938.03             | -5,795.65    | 1,018.21     | 5,802.10                | 0.48                    | -0.15                  | -0.46                 |
| 18,018.00             | 90.31           | 180.93      | 11,937.12             | -5,889.63    | 1,016.82     | 5,896.08                | 0.55                    | -0.52                  | 0.18                  |
| 18,113.00             | 90.04           | 180.64      | 11,936.83             | -5,984.62    | 1,015.52     | 5,991.06                | 0.42                    | -0.28                  | -0.31                 |
| 18,207.00             | 89.96           | 180.14      | 11,936.83             | -6,078.62    | 1,014.88     | 6,085.05                | 0.54                    | -0.09                  | -0.53                 |
| 18,301.00             | 89.84           | 179.22      | 11,936.99             | -6,172.62    | 1,015.41     | 6,179.05                | 0.99                    | -0.13                  | -0.98                 |
| 18,396.00             | 90.20           | 180.10      | 11,936.96             | -6,267.61    | 1,015.97     | 6,274.04                | 1.00                    | 0.38                   | 0.93                  |
| 18,491.00             | 89.76           | 179.16      | 11,936.99             | -6,362.61    | 1,016.58     | 6,369.04                | 1.09                    | -0.46                  | -0.99                 |
| 18,585.00             | 90.04           | 178.64      | 11,937.15             | -6,456.59    | 1,018.39     | 6,463.03                | 0.63                    | 0.30                   | -0.55                 |
| 18,679.00             | 92.60           | 178.26      | 11,934.99             | -6,550.53    | 1,020.93     | 6,556.98                | 2.75                    | 2.72                   | -0.40                 |
| 18,774.00             | 92.55           | 178.61      | 11,930.72             | -6,645.39    | 1,023.52     | 6,651.87                | 0.37                    | -0.05                  | 0.37                  |
| 18,868.00             | 92.37           | 178.03      | 11,926.69             | -6,739.27    | 1,026.28     | 6,745.75                | 0.65                    | -0.19                  | -0.62                 |
| 18,963.00             | 92.31           | 178.43      | 11,922.81             | -6,834.14    | 1,029.21     | 6,840.65                | 0.43                    | -0.06                  | 0.42                  |
| 19,057.00             | 91.41           | 178.76      | 11,919.76             | -6,928.06    | 1,031.51     | 6,934.58                | 1.02                    | -0.96                  | 0.35                  |
| 19,151.00             | 89.80           | 178.48      | 11,918.76             | -7,022.03    | 1,033.77     | 7,028.56                | 1.74                    | -1.71                  | -0.30                 |
| 19,246.00             | 89.24           | 177.67      | 11,919.56             | -7,116.97    | 1,036.97     | 7,123.52                | 1.04                    | -0.59                  | -0.85                 |
| 19,334.00             | 87.73           | 178.59      | 11,921.89             | -7,204.89    | 1,039.84     | 7,211.45                | 2.01                    | -1.72                  | 1.05                  |
| 19,428.00             | 87.92           | 181.38      | 11,925.45             | -7,298.81    | 1,039.86     | 7,305.37                | 2.97                    | 0.20                   | 2.97                  |
| 19,522.00             | 87.79           | 180.81      | 11,928.97             | -7,392.73    | 1,038.07     | 7,399.28                | 0.62                    | -0.14                  | -0.61                 |
| 19,617.00             | 89.88           | 180.50      | 11,930.90             | -7,487.70    | 1,036.98     | 7,494.24                | 2.22                    | 2.20                   | -0.33                 |
| 19,711.00             | 89.95           | 181.50      | 11,931.04             | -7,581.68    | 1,035.34     | 7,588.21                | 1.07                    | 0.07                   | 1.06                  |
| 19,805.00             | 91.54           | 181.87      | 11,929.82             | -7,675.63    | 1,032.58     | 7,682.14                | 1.74                    | 1.69                   | 0.39                  |
| 19,899.00             | 91.44           | 181.28      | 11,927.38             | -7,769.56    | 1,029.99     | 7,776.05                | 0.64                    | -0.11                  | -0.63                 |
| 19,994.00             | 91.19           | 180.54      | 11,925.20             | -7,864.52    | 1,028.48     | 7,871.00                | 0.82                    | -0.26                  | -0.78                 |
| 20,089.00             | 91.96           | 182.04      | 11,922.59             | -7,959.46    | 1,026.35     | 7,965.92                | 1.77                    | 0.81                   | 1.58                  |
| 20,183.00             | 91.60           | 180.40      | 11,919.67             | -8,053.39    | 1,024.35     | 8,059.84                | 1.79                    | -0.38                  | -1.74                 |
| 20,278.00             | 91.41           | 180.46      | 11,917.17             | -8,148.35    | 1,023.63     | 8,154.80                | 0.21                    | -0.20                  | 0.06                  |
| 20,372.00             | 90.64           | 179.82      | 11,915.49             | -8,242.34    | 1,023.40     | 8,248.78                | 1.07                    | -0.82                  | -0.68                 |

|                  |                              |                                     |                                           |
|------------------|------------------------------|-------------------------------------|-------------------------------------------|
| <b>Company:</b>  | XTO Energy                   | <b>Local Co-ordinate Reference:</b> | Well PLU 15 Twin Wells Ranch 907H         |
| <b>Project:</b>  | Eddy County, NM              | <b>TVD Reference:</b>               | GL 3559' + 27' KB @ 3586.00usft (H&P 467) |
| <b>Site:</b>     | PLU 15 Twin Wells Ranch      | <b>MD Reference:</b>                | GL 3559' + 27' KB @ 3586.00usft (H&P 467) |
| <b>Well:</b>     | PLU 15 Twin Wells Ranch 907H | <b>North Reference:</b>             | Grid                                      |
| <b>Wellbore:</b> | Wellbore #1                  | <b>Survey Calculation Method:</b>   | Minimum Curvature                         |
| <b>Design:</b>   | Surveys                      | <b>Database:</b>                    | EDM 5000.14 Single User Db                |

| Survey                               |                 |             |                       |              |              |                         |                         |                        |                       |
|--------------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft)                | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 20,477.00                            | 91.96           | 178.78      | 11,913.11             | -8,347.30    | 1,024.69     | 8,353.74                | 1.60                    | 1.26                   | -0.99                 |
| 20,571.00                            | 91.76           | 178.93      | 11,910.06             | -8,441.23    | 1,026.56     | 8,447.68                | 0.27                    | -0.21                  | 0.16                  |
| 20,666.00                            | 90.51           | 180.89      | 11,908.17             | -8,536.21    | 1,026.71     | 8,542.66                | 2.45                    | -1.32                  | 2.06                  |
| 20,760.00                            | 90.21           | 180.66      | 11,907.58             | -8,630.20    | 1,025.44     | 8,636.64                | 0.40                    | -0.32                  | -0.24                 |
| 20,855.00                            | 90.24           | 181.09      | 11,907.21             | -8,725.18    | 1,023.99     | 8,731.61                | 0.45                    | 0.03                   | 0.45                  |
| 20,949.00                            | 90.35           | 181.90      | 11,906.73             | -8,819.15    | 1,021.54     | 8,825.56                | 0.87                    | 0.12                   | 0.86                  |
| 21,043.00                            | 89.35           | 182.46      | 11,906.97             | -8,913.08    | 1,017.96     | 8,919.47                | 1.22                    | -1.06                  | 0.60                  |
| 21,137.00                            | 89.21           | 179.57      | 11,908.15             | -9,007.05    | 1,016.30     | 9,013.42                | 3.08                    | -0.15                  | -3.07                 |
| 21,232.00                            | 89.20           | 179.83      | 11,909.47             | -9,102.04    | 1,016.80     | 9,108.41                | 0.27                    | -0.01                  | 0.27                  |
| 21,326.00                            | 88.60           | 179.24      | 11,911.28             | -9,196.02    | 1,017.56     | 9,202.39                | 0.90                    | -0.64                  | -0.63                 |
| 21,420.00                            | 88.85           | 179.36      | 11,913.37             | -9,289.99    | 1,018.71     | 9,296.37                | 0.29                    | 0.27                   | 0.13                  |
| 21,514.00                            | 89.17           | 179.63      | 11,914.99             | -9,383.97    | 1,019.53     | 9,390.36                | 0.45                    | 0.34                   | 0.29                  |
| 21,609.00                            | 89.69           | 180.29      | 11,915.94             | -9,478.96    | 1,019.60     | 9,485.35                | 0.88                    | 0.55                   | 0.69                  |
| 21,703.00                            | 88.43           | 178.31      | 11,917.48             | -9,572.94    | 1,020.75     | 9,579.33                | 2.50                    | -1.34                  | -2.11                 |
| 21,798.00                            | 88.70           | 178.30      | 11,919.86             | -9,667.86    | 1,023.56     | 9,674.27                | 0.28                    | 0.28                   | -0.01                 |
| 21,892.00                            | 87.93           | 177.84      | 11,922.62             | -9,761.77    | 1,026.72     | 9,768.20                | 0.95                    | -0.82                  | -0.49                 |
| 21,986.00                            | 89.27           | 178.51      | 11,924.92             | -9,855.69    | 1,029.71     | 9,862.13                | 1.59                    | 1.43                   | 0.71                  |
| 22,081.00                            | 88.58           | 177.91      | 11,926.70             | -9,950.63    | 1,032.68     | 9,957.09                | 0.96                    | -0.73                  | -0.63                 |
| 22,175.00                            | 87.81           | 176.05      | 11,929.66             | -10,044.44   | 1,037.63     | 10,050.94               | 2.14                    | -0.82                  | -1.98                 |
| 22,270.00                            | 89.29           | 177.20      | 11,932.07             | -10,139.25   | 1,043.22     | 10,145.77               | 1.97                    | 1.56                   | 1.21                  |
| 22,365.00                            | 90.03           | 177.58      | 11,932.63             | -10,234.14   | 1,047.55     | 10,240.70               | 0.88                    | 0.78                   | 0.40                  |
| 22,459.00                            | 91.98           | 177.57      | 11,930.98             | -10,328.04   | 1,051.52     | 10,334.62               | 2.07                    | 2.07                   | -0.01                 |
| 22,554.00                            | 92.38           | 177.86      | 11,927.37             | -10,422.90   | 1,055.31     | 10,429.49               | 0.52                    | 0.42                   | 0.31                  |
| 22,648.00                            | 92.97           | 178.07      | 11,922.98             | -10,516.73   | 1,058.64     | 10,523.35               | 0.67                    | 0.63                   | 0.22                  |
| 22,747.00                            | 93.32           | 178.43      | 11,917.55             | -10,615.54   | 1,061.66     | 10,622.17               | 0.51                    | 0.35                   | 0.36                  |
| Last Scout MWD Survey @ 22747.00' MD |                 |             |                       |              |              |                         |                         |                        |                       |
| 22,808.00                            | 93.32           | 178.43      | 11,914.02             | -10,676.41   | 1,063.33     | 10,683.06               | 0.00                    | 0.00                   | 0.00                  |
| Projection to Bit @ 22808.00' MD     |                 |             |                       |              |              |                         |                         |                        |                       |

| Survey Annotations    |                       |                   |              |                                      |
|-----------------------|-----------------------|-------------------|--------------|--------------------------------------|
| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates |              | Comment                              |
|                       |                       | +N/-S (usft)      | +E/-W (usft) |                                      |
| 958.00                | 957.94                | -6.61             | 1.19         | First Scout MWD Survey @ 958.00' MD  |
| 22,747.00             | 11,917.55             | -10,615.54        | 1,061.66     | Last Scout MWD Survey @ 22747.00' MD |
| 22,808.00             | 11,914.02             | -10,676.41        | 1,063.33     | Projection to Bit @ 22808.00' MD     |

Checked By: \_\_\_\_\_ Approved By: \_\_\_\_\_ Date: \_\_\_\_\_