

EMNRD - REC'D 12/09/2020

District I  
1625 N. French Dr., Hobbs, NM 88240  
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District II  
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District III  
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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>30-015-44387 |  | <sup>2</sup> Pool Code<br>96101                          |  | <sup>3</sup> Pool Name<br>SWD; DEVONIAN |                                  |
| <sup>4</sup> Property Code<br>319403    |  | <sup>5</sup> Property Name<br>CORRAL CANYON 16 STATE SWD |  |                                         | <sup>6</sup> Well Number<br>1H   |
| <sup>7</sup> OGRID No.<br>005380        |  | <sup>8</sup> Operator Name<br>XTO ENERGY INC.            |  |                                         | <sup>9</sup> Elevation<br>3,006' |

<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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| D             | 16      | 25 S     | 29 E  |         | 990           | NORTH            | 1,280         | WEST           | 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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
|               |         |          |       |         |               |                  |               |                | 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.

|                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <sup>16</sup>                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  | <sup>17</sup> <b>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.<br><br>Signature Date 12/7/20<br>Cheryl Rowell<br>Printed Name<br>cheryl_rowell@xtoenergy.com<br>E-mail Address |  |
| GEODETIC COORDINATES NAD 27 NME<br>SURFACE LOCATION<br>Y= 412,811.0<br>X= 605,211.8<br>LAT.= 32.134478°N<br>LONG.= 103.993439°W                                                                                                                                                                                                                                                                                    |  |  |  |  | GEODETIC COORDINATES NAD 83 NME<br>SURFACE LOCATION<br>Y= 412,869.3<br>X= 646,396.4<br>LAT.= 32.134602°N<br>LONG.= 103.993925°W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
| CORNER COORDINATES TABLE<br>NAD 27 NME<br>A - Y= 413,795.4 N, X= 603,926.7 E<br>B - Y= 413,806.7 N, X= 606,583.0 E<br>C - Y= 411,140.6 N, X= 603,942.0 E<br>D - Y= 411,152.4 N, X= 606,598.6 E                                                                                                                                                                                                                     |  |  |  |  | CORNER COORDINATES TABLE<br>NAD 83 NME<br>A - Y= 413,853.8 N, X= 645,111.0 E<br>B - Y= 413,865.1 N, X= 647,767.3 E<br>C - Y= 411,199.0 N, X= 645,126.3 E<br>D - Y= 411,210.7 N, X= 647,783.0 E                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| <sup>18</sup> <b>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.<br>11-24-2020<br>Date of Survey<br><br>Signature and Seal of Professional Surveyor:<br><br>MARK DILLON HARP 23786<br>Certificate Number JC 2020111547 |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |



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I **Larry Wright**, certify that I am employed by **Wellbenders Directional Services**. That I did on the day(s) of **09/25/18** thru **01/27/19** conduct or supervise the taking of a **MWD Survey** from a depth of **812.45'** to a depth of **12669'** and from a depth of **13239'** to a depth of **16285'**; that the data is true, correct, complete and within the limitations of the tool as set forth by **Wellbenders Directional Services**; that I am authorized and qualified to make this report; that this survey was conducted at the request of **XTO Energy Inc** for the **Corral Canyon 16 State SWD #1** API No. **30-015-45387** 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 **Wellbenders Directional Services**.

Larry Wright

Larry  
Wright

Digitally signed  
by Larry Wright  
Date:  
2020.11.16  
15:47:50 -06'00'

---

**13901 Hwy 105W, Conroe, Texas**  
**77304**  
**PH 936-539-9602**



## **XTO Energy**

**Eddy County, NM (Nad-27 / East Zone)**

**Corral Canyon 16 State SWD**

**#1**

**OH**

**Design: OH**

## **Standard Survey Report**

**18 November, 2020**





## Survey Report



|                  |                                      |                                     |                                      |
|------------------|--------------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>  | XTO Energy                           | <b>Local Co-ordinate Reference:</b> | Well #1                              |
| <b>Project:</b>  | Eddy County, NM (Nad-27 / East Zone) | <b>TVD Reference:</b>               | RKB = 32' @ 3038.00usft (Nabors F15) |
| <b>Site:</b>     | Corral Canyon 16 State SWD           | <b>MD Reference:</b>                | RKB = 32' @ 3038.00usft (Nabors F15) |
| <b>Well:</b>     | #1                                   | <b>North Reference:</b>             | Grid                                 |
| <b>Wellbore:</b> | OH                                   | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Design:</b>   | OH                                   | <b>Database:</b>                    | WBDS_SQL_2                           |

|                    |                                      |                      |                |
|--------------------|--------------------------------------|----------------------|----------------|
| <b>Project</b>     | Eddy County, NM (Nad-27 / East Zone) |                      |                |
| <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                 |                      |                |

|                              |                            |                          |                 |
|------------------------------|----------------------------|--------------------------|-----------------|
| <b>Site</b>                  | Corral Canyon 16 State SWD |                          |                 |
| <b>Site Position:</b>        |                            | <b>Northing:</b>         | 412,811.00 usft |
| <b>From:</b>                 | Map                        | <b>Easting:</b>          | 605,211.80 usft |
| <b>Position Uncertainty:</b> | 0.00 usft                  | <b>Slot Radius:</b>      | 13.200 in       |
|                              |                            | <b>Latitude:</b>         | 32.134478       |
|                              |                            | <b>Longitude:</b>        | -103.993439     |
|                              |                            | <b>Grid Convergence:</b> | 0.181 °         |

|                             |              |                            |                                  |
|-----------------------------|--------------|----------------------------|----------------------------------|
| <b>Well</b>                 | #1           |                            |                                  |
| <b>Well Position</b>        | <b>+N/-S</b> | 0.00 usft                  | <b>Northing:</b> 412,811.00 usft |
|                             | <b>+E/-W</b> | 0.00 usft                  | <b>Easting:</b> 605,211.80 usft  |
| <b>Position Uncertainty</b> | 0.00 usft    | <b>Wellhead Elevation:</b> | usft                             |
|                             |              | <b>Latitude:</b>           | 32.134478                        |
|                             |              | <b>Longitude:</b>          | -103.993439                      |
|                             |              | <b>Ground Level:</b>       | 3,006.00 usft                    |

|                  |                   |                    |                                            |
|------------------|-------------------|--------------------|--------------------------------------------|
| <b>Wellbore</b>  | OH                |                    |                                            |
| <b>Magnetics</b> | <b>Model Name</b> | <b>Sample Date</b> | <b>Declination (°)</b>                     |
|                  | IGRF2015          | 09/17/18           | 7.008                                      |
|                  |                   |                    | <b>Dip Angle (°)</b> 59.897                |
|                  |                   |                    | <b>Field Strength (nT)</b> 47,714.62972731 |

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

|                       |                  |                          |                  |                                  |
|-----------------------|------------------|--------------------------|------------------|----------------------------------|
| <b>Survey Program</b> | <b>Date</b>      | 11/18/20                 |                  |                                  |
| <b>From (usft)</b>    | <b>To (usft)</b> | <b>Survey (Wellbore)</b> | <b>Tool Name</b> | <b>Description</b>               |
| 111.45                | 812.45           | Survey #1 (OH)           | NS-GYRO-MS       | North sensing gyrocompassing m/s |
| 851.00                | 12,669.00        | Survey #2 (OH)           | WBDS_IGRF        | OWSG MWD + IGRF or WMM           |
| 12,770.00             | 13,239.00        | Survey #3 (OH)           | NS-GYRO-MS       | North sensing gyrocompassing m/s |
| 13,342.00             | 16,285.00        | Survey #4 (OH)           | WBDS_IGRF        | OWSG MWD + IGRF or WMM           |

|                              |                        |                    |                              |                     |                     |                                |                              |                             |                            |
|------------------------------|------------------------|--------------------|------------------------------|---------------------|---------------------|--------------------------------|------------------------------|-----------------------------|----------------------------|
| <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 (°/100ft)</b> | <b>Build Rate (°/100ft)</b> | <b>Turn Rate (°/100ft)</b> |
| 0.00                         | 0.00                   | 0.00               | 0.00                         | 0.00                | 0.00                | 0.00                           | 0.00                         | 0.00                        | 0.00                       |
| 111.45                       | 0.22                   | 356.04             | 111.45                       | 0.21                | -0.01               | 0.21                           | 0.20                         | 0.20                        | 0.00                       |
| 198.45                       | 0.42                   | 292.75             | 198.45                       | 0.50                | -0.32               | 0.50                           | 0.43                         | 0.23                        | -72.75                     |
| 293.45                       | 0.67                   | 305.19             | 293.44                       | 0.96                | -1.10               | 0.96                           | 0.29                         | 0.26                        | 13.09                      |
| 383.45                       | 1.09                   | 310.13             | 383.43                       | 1.81                | -2.18               | 1.81                           | 0.47                         | 0.47                        | 5.49                       |
| 474.45                       | 1.63                   | 311.12             | 474.41                       | 3.22                | -3.82               | 3.22                           | 0.59                         | 0.59                        | 1.09                       |
| 564.45                       | 2.53                   | 312.13             | 564.35                       | 5.40                | -6.25               | 5.40                           | 1.00                         | 1.00                        | 1.12                       |
| 655.45                       | 3.75                   | 316.01             | 655.21                       | 8.88                | -9.81               | 8.88                           | 1.36                         | 1.34                        | 4.26                       |



## Survey Report



|                  |                                      |                                     |                                      |
|------------------|--------------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>  | XTO Energy                           | <b>Local Co-ordinate Reference:</b> | Well #1                              |
| <b>Project:</b>  | Eddy County, NM (Nad-27 / East Zone) | <b>TVD Reference:</b>               | RKB = 32' @ 3038.00usft (Nabors F15) |
| <b>Site:</b>     | Corral Canyon 16 State SWD           | <b>MD Reference:</b>                | RKB = 32' @ 3038.00usft (Nabors F15) |
| <b>Well:</b>     | #1                                   | <b>North Reference:</b>             | Grid                                 |
| <b>Wellbore:</b> | OH                                   | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Design:</b>   | OH                                   | <b>Database:</b>                    | WBDS_SQL_2                           |

| Survey                                   |                 |             |                       |              |              |                         |                       |                      |                     |
|------------------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-----------------------|----------------------|---------------------|
| Measured Depth (usft)                    | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
| 747.45                                   | 5.23            | 316.12      | 746.92                | 14.07        | -14.81       | 14.07                   | 1.61                  | 1.61                 | 0.12                |
| 812.45                                   | 11.25           | 315.79      | 811.22                | 20.76        | -21.29       | 20.76                   | 9.26                  | 9.26                 | -0.51               |
| 851.00                                   | 10.20           | 322.30      | 849.10                | 26.15        | -26.00       | 26.15                   | 4.15                  | -2.72                | 16.89               |
| <b>WBDS MWD: 851.00' MD/ 849.10' TVD</b> |                 |             |                       |              |              |                         |                       |                      |                     |
| 944.00                                   | 9.10            | 324.20      | 940.78                | 38.64        | -35.34       | 38.64                   | 1.23                  | -1.18                | 2.04                |
| 1,036.00                                 | 7.30            | 326.70      | 1,031.84              | 49.42        | -42.80       | 49.42                   | 1.99                  | -1.96                | 2.72                |
| 1,078.00                                 | 6.40            | 328.00      | 1,073.54              | 53.64        | -45.51       | 53.64                   | 2.17                  | -2.14                | 3.10                |
| 1,130.00                                 | 6.30            | 332.20      | 1,125.22              | 58.62        | -48.37       | 58.62                   | 0.91                  | -0.19                | 8.08                |
| 1,224.00                                 | 4.90            | 335.50      | 1,218.77              | 66.84        | -52.44       | 66.84                   | 1.53                  | -1.49                | 3.51                |
| 1,319.00                                 | 3.90            | 334.50      | 1,313.49              | 73.44        | -55.52       | 73.44                   | 1.06                  | -1.05                | -1.05               |
| 1,413.00                                 | 3.40            | 338.40      | 1,407.30              | 78.92        | -57.92       | 78.92                   | 0.59                  | -0.53                | 4.15                |
| 1,507.00                                 | 2.50            | 324.90      | 1,501.17              | 83.19        | -60.12       | 83.19                   | 1.20                  | -0.96                | -14.36              |
| 1,602.00                                 | 2.10            | 340.10      | 1,596.10              | 86.52        | -61.91       | 86.52                   | 0.76                  | -0.42                | 16.00               |
| 1,696.00                                 | 0.90            | 319.50      | 1,690.06              | 88.70        | -62.97       | 88.70                   | 1.38                  | -1.28                | -21.91              |
| 1,790.00                                 | 1.00            | 313.80      | 1,784.05              | 89.83        | -64.04       | 89.83                   | 0.15                  | 0.11                 | -6.06               |
| 1,885.00                                 | 1.20            | 302.00      | 1,879.03              | 90.93        | -65.49       | 90.93                   | 0.32                  | 0.21                 | -12.42              |
| 1,978.00                                 | 1.30            | 304.00      | 1,972.01              | 92.04        | -67.19       | 92.04                   | 0.12                  | 0.11                 | 2.15                |
| 2,069.00                                 | 1.20            | 298.70      | 2,062.99              | 93.07        | -68.88       | 93.07                   | 0.17                  | -0.11                | -5.82               |
| 2,162.00                                 | 1.00            | 281.20      | 2,155.97              | 93.70        | -70.53       | 93.70                   | 0.42                  | -0.22                | -18.82              |
| 2,256.00                                 | 0.50            | 218.80      | 2,249.97              | 93.54        | -71.59       | 93.54                   | 0.94                  | -0.53                | -66.38              |
| 2,349.00                                 | 1.60            | 141.70      | 2,342.95              | 92.20        | -71.04       | 92.20                   | 1.68                  | 1.18                 | -82.90              |
| 2,443.00                                 | 1.80            | 124.50      | 2,436.91              | 90.34        | -69.01       | 90.34                   | 0.58                  | 0.21                 | -18.30              |
| 2,537.00                                 | 2.70            | 124.50      | 2,530.84              | 88.25        | -65.97       | 88.25                   | 0.96                  | 0.96                 | 0.00                |
| 2,630.00                                 | 3.90            | 124.00      | 2,623.68              | 85.24        | -61.54       | 85.24                   | 1.29                  | 1.29                 | -0.54               |
| 2,724.00                                 | 4.00            | 123.90      | 2,717.46              | 81.62        | -56.17       | 81.62                   | 0.11                  | 0.11                 | -0.11               |
| 2,816.00                                 | 3.30            | 123.60      | 2,809.27              | 78.37        | -51.30       | 78.37                   | 0.76                  | -0.76                | -0.33               |
| 3,103.00                                 | 2.20            | 117.80      | 3,095.94              | 71.23        | -39.55       | 71.23                   | 0.39                  | -0.38                | -2.02               |
| 3,200.00                                 | 2.30            | 118.50      | 3,192.86              | 69.43        | -36.19       | 69.43                   | 0.11                  | 0.10                 | 0.72                |
| 3,293.00                                 | 2.20            | 120.70      | 3,285.79              | 67.63        | -33.02       | 67.63                   | 0.14                  | -0.11                | 2.37                |
| 3,387.00                                 | 2.30            | 117.80      | 3,379.72              | 65.83        | -29.80       | 65.83                   | 0.16                  | 0.11                 | -3.09               |
| 3,481.00                                 | 2.40            | 121.70      | 3,473.64              | 63.91        | -26.45       | 63.91                   | 0.20                  | 0.11                 | 4.15                |
| 3,575.00                                 | 2.30            | 129.50      | 3,567.56              | 61.68        | -23.32       | 61.68                   | 0.36                  | -0.11                | 8.30                |
| 3,669.00                                 | 2.30            | 120.70      | 3,661.49              | 59.51        | -20.25       | 59.51                   | 0.38                  | 0.00                 | -9.36               |
| 3,764.00                                 | 2.30            | 120.20      | 3,756.41              | 57.58        | -16.96       | 57.58                   | 0.02                  | 0.00                 | -0.53               |
| 3,858.00                                 | 2.20            | 121.40      | 3,850.34              | 55.69        | -13.79       | 55.69                   | 0.12                  | -0.11                | 1.28                |
| 3,953.00                                 | 2.00            | 126.90      | 3,945.27              | 53.75        | -10.91       | 53.75                   | 0.30                  | -0.21                | 5.79                |
| 4,007.00                                 | 2.00            | 122.80      | 3,999.24              | 52.67        | -9.36        | 52.67                   | 0.26                  | 0.00                 | -7.59               |
| 4,131.00                                 | 2.00            | 129.40      | 4,123.16              | 50.13        | -5.87        | 50.13                   | 0.19                  | 0.00                 | 5.32                |
| 4,224.00                                 | 1.90            | 128.50      | 4,216.11              | 48.14        | -3.41        | 48.14                   | 0.11                  | -0.11                | -0.97               |
| 4,317.00                                 | 1.80            | 128.20      | 4,309.06              | 46.27        | -1.05        | 46.27                   | 0.11                  | -0.11                | -0.32               |
| 4,410.00                                 | 1.90            | 127.90      | 4,402.01              | 44.42        | 1.31         | 44.42                   | 0.11                  | 0.11                 | -0.32               |
| 4,504.00                                 | 1.80            | 125.10      | 4,495.96              | 42.62        | 3.75         | 42.62                   | 0.14                  | -0.11                | -2.98               |
| 4,598.00                                 | 1.80            | 125.90      | 4,589.92              | 40.90        | 6.15         | 40.90                   | 0.03                  | 0.00                 | 0.85                |



## Survey Report



|                  |                                      |                                     |                                      |
|------------------|--------------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>  | XTO Energy                           | <b>Local Co-ordinate Reference:</b> | Well #1                              |
| <b>Project:</b>  | Eddy County, NM (Nad-27 / East Zone) | <b>TVD Reference:</b>               | RKB = 32' @ 3038.00usft (Nabors F15) |
| <b>Site:</b>     | Corral Canyon 16 State SWD           | <b>MD Reference:</b>                | RKB = 32' @ 3038.00usft (Nabors F15) |
| <b>Well:</b>     | #1                                   | <b>North Reference:</b>             | Grid                                 |
| <b>Wellbore:</b> | OH                                   | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Design:</b>   | OH                                   | <b>Database:</b>                    | WBDS_SQL_2                           |

| Survey                |                 |             |                       |              |              |                         |                       |                      |                     |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-----------------------|----------------------|---------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
| 4,692.00              | 1.80            | 129.60      | 4,683.87              | 39.10        | 8.48         | 39.10                   | 0.12                  | 0.00                 | 3.94                |
| 4,785.00              | 1.70            | 136.00      | 4,776.83              | 37.17        | 10.57        | 37.17                   | 0.24                  | -0.11                | 6.88                |
| 4,879.00              | 1.70            | 136.90      | 4,870.79              | 35.15        | 12.49        | 35.15                   | 0.03                  | 0.00                 | 0.96                |
| 4,973.00              | 2.00            | 142.50      | 4,964.74              | 32.83        | 14.44        | 32.83                   | 0.37                  | 0.32                 | 5.96                |
| 5,067.00              | 2.00            | 137.50      | 5,058.68              | 30.32        | 16.55        | 30.32                   | 0.19                  | 0.00                 | -5.32               |
| 5,161.00              | 2.00            | 144.50      | 5,152.62              | 27.78        | 18.61        | 27.78                   | 0.26                  | 0.00                 | 7.45                |
| 5,256.00              | 2.00            | 142.80      | 5,247.57              | 25.11        | 20.57        | 25.11                   | 0.06                  | 0.00                 | -1.79               |
| 5,350.00              | 1.80            | 147.40      | 5,341.51              | 22.56        | 22.36        | 22.56                   | 0.27                  | -0.21                | 4.89                |
| 5,444.00              | 1.80            | 146.40      | 5,435.47              | 20.08        | 23.97        | 20.08                   | 0.03                  | 0.00                 | -1.06               |
| 5,538.00              | 1.80            | 146.40      | 5,529.42              | 17.62        | 25.61        | 17.62                   | 0.00                  | 0.00                 | 0.00                |
| 5,632.00              | 1.70            | 152.70      | 5,623.38              | 15.16        | 27.06        | 15.16                   | 0.23                  | -0.11                | 6.70                |
| 5,726.00              | 1.60            | 152.70      | 5,717.34              | 12.75        | 28.30        | 12.75                   | 0.11                  | -0.11                | 0.00                |
| 5,819.00              | 1.80            | 151.90      | 5,810.30              | 10.31        | 29.59        | 10.31                   | 0.22                  | 0.22                 | -0.86               |
| 5,914.00              | 1.80            | 158.70      | 5,905.25              | 7.60         | 30.83        | 7.60                    | 0.22                  | 0.00                 | 7.16                |
| 6,008.00              | 1.80            | 157.20      | 5,999.20              | 4.87         | 31.94        | 4.87                    | 0.05                  | 0.00                 | -1.60               |
| 6,103.00              | 1.70            | 162.00      | 6,094.16              | 2.15         | 32.95        | 2.15                    | 0.19                  | -0.11                | 5.05                |
| 6,198.00              | 1.60            | 276.70      | 6,189.14              | 0.96         | 32.07        | 0.96                    | 2.93                  | -0.11                | 120.74              |
| 6,289.00              | 1.60            | 257.30      | 6,280.10              | 0.83         | 29.57        | 0.83                    | 0.59                  | 0.00                 | -21.32              |
| 6,384.00              | 1.50            | 172.90      | 6,375.08              | -0.69        | 28.43        | -0.69                   | 2.19                  | -0.11                | -88.84              |
| 6,478.00              | 1.60            | 165.00      | 6,469.05              | -3.18        | 28.92        | -3.18                   | 0.25                  | 0.11                 | -8.40               |
| 6,573.00              | 1.50            | 174.70      | 6,564.01              | -5.70        | 29.38        | -5.70                   | 0.30                  | -0.11                | 10.21               |
| 6,668.00              | 1.20            | 177.90      | 6,658.98              | -7.93        | 29.53        | -7.93                   | 0.33                  | -0.32                | 3.37                |
| 6,753.00              | 1.20            | 192.80      | 6,743.97              | -9.69        | 29.37        | -9.69                   | 0.37                  | 0.00                 | 17.53               |
| 6,858.00              | 1.40            | 198.30      | 6,848.94              | -11.98       | 28.72        | -11.98                  | 0.22                  | 0.19                 | 5.24                |
| 6,952.00              | 1.50            | 198.00      | 6,942.91              | -14.24       | 27.98        | -14.24                  | 0.11                  | 0.11                 | -0.32               |
| 7,047.00              | 1.70            | 204.40      | 7,037.87              | -16.71       | 27.01        | -16.71                  | 0.28                  | 0.21                 | 6.74                |
| 7,141.00              | 1.50            | 189.10      | 7,131.84              | -19.19       | 26.24        | -19.19                  | 0.50                  | -0.21                | -16.28              |
| 7,236.00              | 1.30            | 199.40      | 7,226.81              | -21.43       | 25.69        | -21.43                  | 0.34                  | -0.21                | 10.84               |
| 7,331.00              | 1.20            | 208.50      | 7,321.79              | -23.33       | 24.86        | -23.33                  | 0.23                  | -0.11                | 9.58                |
| 7,426.00              | 2.01            | 228.00      | 7,416.75              | -25.31       | 23.14        | -25.31                  | 1.02                  | 0.85                 | 20.53               |
| 7,521.00              | 1.00            | 228.50      | 7,511.71              | -26.98       | 21.28        | -26.98                  | 1.06                  | -1.06                | 0.53                |
| 7,615.00              | 1.40            | 227.90      | 7,605.69              | -28.29       | 19.82        | -28.29                  | 0.43                  | 0.43                 | -0.64               |
| 7,709.00              | 1.30            | 224.80      | 7,699.67              | -29.82       | 18.21        | -29.82                  | 0.13                  | -0.11                | -3.30               |
| 7,804.00              | 1.19            | 238.25      | 7,794.64              | -31.10       | 16.62        | -31.10                  | 0.33                  | -0.12                | 14.16               |
| 7,899.00              | 1.49            | 244.35      | 7,889.62              | -32.16       | 14.66        | -32.16                  | 0.35                  | 0.32                 | 6.42                |
| 8,086.00              | 1.80            | 234.60      | 8,076.54              | -34.91       | 10.08        | -34.91                  | 0.22                  | 0.17                 | -5.21               |
| 8,181.00              | 2.00            | 240.30      | 8,171.49              | -36.60       | 7.42         | -36.60                  | 0.29                  | 0.21                 | 6.00                |
| 8,274.00              | 2.20            | 227.20      | 8,264.43              | -38.61       | 4.70         | -38.61                  | 0.56                  | 0.22                 | -14.09              |
| 8,368.00              | 1.50            | 213.10      | 8,358.38              | -40.87       | 2.71         | -40.87                  | 0.88                  | -0.74                | -15.00              |
| 8,462.00              | 1.60            | 188.40      | 8,452.35              | -43.20       | 1.84         | -43.20                  | 0.71                  | 0.11                 | -26.28              |
| 8,555.00              | 1.40            | 185.30      | 8,545.31              | -45.61       | 1.55         | -45.61                  | 0.23                  | -0.22                | -3.33               |
| 8,648.00              | 1.60            | 207.10      | 8,638.28              | -47.90       | 0.85         | -47.90                  | 0.65                  | 0.22                 | 23.44               |
| 8,793.00              | 1.80            | 204.10      | 8,783.22              | -51.78       | -1.00        | -51.78                  | 0.15                  | 0.14                 | -2.07               |
| 8,838.00              | 1.90            | 218.00      | 8,828.20              | -53.01       | -1.75        | -53.01                  | 1.02                  | 0.22                 | 30.89               |



## Survey Report



|                  |                                      |                                     |                                      |
|------------------|--------------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>  | XTO Energy                           | <b>Local Co-ordinate Reference:</b> | Well #1                              |
| <b>Project:</b>  | Eddy County, NM (Nad-27 / East Zone) | <b>TVD Reference:</b>               | RKB = 32' @ 3038.00usft (Nabors F15) |
| <b>Site:</b>     | Corral Canyon 16 State SWD           | <b>MD Reference:</b>                | RKB = 32' @ 3038.00usft (Nabors F15) |
| <b>Well:</b>     | #1                                   | <b>North Reference:</b>             | Grid                                 |
| <b>Wellbore:</b> | OH                                   | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Design:</b>   | OH                                   | <b>Database:</b>                    | WBDS_SQL_2                           |

| Survey                |                 |             |                       |              |              |                         |                       |                      |                     |  |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-----------------------|----------------------|---------------------|--|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |  |
| 8,933.00              | 2.20            | 215.00      | 8,923.13              | -55.75       | -3.76        | -55.75                  | 0.34                  | 0.32                 | -3.16               |  |
| 9,028.00              | 2.59            | 198.17      | 9,018.05              | -59.28       | -5.48        | -59.28                  | 0.84                  | 0.41                 | -17.72              |  |
| 9,121.00              | 3.12            | 195.71      | 9,110.94              | -63.71       | -6.82        | -63.71                  | 0.58                  | 0.57                 | -2.65               |  |
| 9,213.00              | 2.51            | 198.26      | 9,202.83              | -68.04       | -8.13        | -68.04                  | 0.68                  | -0.66                | 2.77                |  |
| 9,309.00              | 2.50            | 197.60      | 9,298.73              | -72.03       | -9.42        | -72.03                  | 0.03                  | -0.01                | -0.69               |  |
| 9,401.00              | 2.20            | 202.83      | 9,390.66              | -75.57       | -10.71       | -75.57                  | 0.40                  | -0.33                | 5.68                |  |
| 9,496.00              | 2.20            | 202.10      | 9,485.59              | -78.94       | -12.11       | -78.94                  | 0.03                  | 0.00                 | -0.77               |  |
| 9,682.00              | 2.11            | 202.04      | 9,671.45              | -85.42       | -14.73       | -85.42                  | 0.05                  | -0.05                | -0.03               |  |
| 9,777.00              | 2.42            | 208.54      | 9,766.38              | -88.80       | -16.35       | -88.80                  | 0.42                  | 0.33                 | 6.84                |  |
| 9,872.00              | 2.29            | 208.80      | 9,861.30              | -92.23       | -18.22       | -92.23                  | 0.14                  | -0.14                | 0.27                |  |
| 9,963.00              | 2.20            | 205.20      | 9,952.23              | -95.40       | -19.84       | -95.40                  | 0.18                  | -0.10                | -3.96               |  |
| 10,058.00             | 2.42            | 199.49      | 10,047.15             | -98.94       | -21.29       | -98.94                  | 0.33                  | 0.23                 | -6.01               |  |
| 10,152.00             | 2.40            | 206.30      | 10,141.07             | -102.58      | -22.82       | -102.58                 | 0.31                  | -0.02                | 7.24                |  |
| 10,247.00             | 2.40            | 208.10      | 10,235.99             | -106.12      | -24.64       | -106.12                 | 0.08                  | 0.00                 | 1.89                |  |
| 10,342.00             | 2.59            | 207.22      | 10,330.90             | -109.78      | -26.56       | -109.78                 | 0.20                  | 0.20                 | -0.93               |  |
| 10,363.00             | 2.59            | 207.22      | 10,351.88             | -110.62      | -26.99       | -110.62                 | 0.00                  | 0.00                 | 0.00                |  |
| 10,407.00             | 2.29            | 207.04      | 10,395.84             | -112.29      | -27.84       | -112.29                 | 0.68                  | -0.68                | -0.41               |  |
| 10,501.00             | 2.51            | 203.71      | 10,489.75             | -115.85      | -29.53       | -115.85                 | 0.28                  | 0.23                 | -3.54               |  |
| 10,595.00             | 2.68            | 212.76      | 10,583.66             | -119.58      | -31.54       | -119.58                 | 0.47                  | 0.18                 | 9.63                |  |
| 10,689.00             | 2.29            | 215.04      | 10,677.57             | -122.97      | -33.81       | -122.97                 | 0.43                  | -0.41                | 2.43                |  |
| 10,782.00             | 2.02            | 222.43      | 10,770.50             | -125.70      | -35.98       | -125.70                 | 0.42                  | -0.29                | 7.95                |  |
| 10,876.00             | 1.89            | 224.27      | 10,864.45             | -128.03      | -38.18       | -128.03                 | 0.15                  | -0.14                | 1.96                |  |
| 10,971.00             | 1.71            | 219.26      | 10,959.40             | -130.25      | -40.17       | -130.25                 | 0.25                  | -0.19                | -5.27               |  |
| 11,065.00             | 1.80            | 226.56      | 11,053.36             | -132.35      | -42.13       | -132.35                 | 0.26                  | 0.10                 | 7.77                |  |
| 11,159.00             | 1.71            | 227.26      | 11,147.31             | -134.32      | -44.23       | -134.32                 | 0.10                  | -0.10                | 0.74                |  |
| 11,253.00             | 1.49            | 228.05      | 11,241.28             | -136.09      | -46.17       | -136.09                 | 0.24                  | -0.23                | 0.84                |  |
| 11,347.00             | 1.19            | 228.05      | 11,335.25             | -137.56      | -47.81       | -137.56                 | 0.32                  | -0.32                | 0.00                |  |
| 11,442.00             | 1.01            | 226.12      | 11,430.23             | -138.80      | -49.15       | -138.80                 | 0.19                  | -0.19                | -2.03               |  |
| 11,537.00             | 1.32            | 216.62      | 11,525.21             | -140.26      | -50.40       | -140.26                 | 0.38                  | 0.33                 | -10.00              |  |
| 11,632.00             | 1.80            | 221.37      | 11,620.18             | -142.25      | -52.04       | -142.25                 | 0.52                  | 0.51                 | 5.00                |  |
| 11,726.00             | 2.02            | 222.34      | 11,714.13             | -144.59      | -54.13       | -144.59                 | 0.24                  | 0.23                 | 1.03                |  |
| 11,820.00             | 2.29            | 213.46      | 11,808.06             | -147.38      | -56.28       | -147.38                 | 0.46                  | 0.29                 | -9.45               |  |
| 11,914.00             | 2.42            | 218.29      | 11,901.98             | -150.50      | -58.55       | -150.50                 | 0.25                  | 0.14                 | 5.14                |  |
| 12,009.00             | 2.29            | 219.00      | 11,996.90             | -153.55      | -60.99       | -153.55                 | 0.14                  | -0.14                | 0.75                |  |
| 12,103.00             | 2.20            | 230.51      | 12,090.83             | -156.16      | -63.56       | -156.16                 | 0.49                  | -0.10                | 12.24               |  |
| 12,198.00             | 2.02            | 233.15      | 12,185.76             | -158.32      | -66.31       | -158.32                 | 0.22                  | -0.19                | 2.78                |  |
| 12,292.00             | 2.11            | 237.63      | 12,279.70             | -160.24      | -69.09       | -160.24                 | 0.20                  | 0.10                 | 4.77                |  |
| 12,387.00             | 1.80            | 248.44      | 12,374.65             | -161.73      | -71.96       | -161.73                 | 0.51                  | -0.33                | 11.38               |  |
| 12,482.00             | 2.02            | 251.61      | 12,469.59             | -162.80      | -74.94       | -162.80                 | 0.26                  | 0.23                 | 3.34                |  |
| 12,669.00             | 1.89            | 258.64      | 12,656.49             | -164.45      | -81.09       | -164.45                 | 0.15                  | -0.07                | 3.76                |  |
| 12,770.00             | 2.00            | 116.50      | 12,757.46             | -165.56      | -81.14       | -165.56                 | 3.64                  | 0.11                 | -140.73             |  |
| 12,864.00             | 1.80            | 116.70      | 12,851.41             | -166.96      | -78.36       | -166.96                 | 0.21                  | -0.21                | 0.21                |  |
| 12,957.00             | 1.50            | 108.70      | 12,944.37             | -168.01      | -75.90       | -168.01                 | 0.41                  | -0.32                | -8.60               |  |



## Survey Report



|                  |                                      |                                     |                                      |
|------------------|--------------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>  | XTO Energy                           | <b>Local Co-ordinate Reference:</b> | Well #1                              |
| <b>Project:</b>  | Eddy County, NM (Nad-27 / East Zone) | <b>TVD Reference:</b>               | RKB = 32' @ 3038.00usft (Nabors F15) |
| <b>Site:</b>     | Corral Canyon 16 State SWD           | <b>MD Reference:</b>                | RKB = 32' @ 3038.00usft (Nabors F15) |
| <b>Well:</b>     | #1                                   | <b>North Reference:</b>             | Grid                                 |
| <b>Wellbore:</b> | OH                                   | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Design:</b>   | OH                                   | <b>Database:</b>                    | WBDS_SQL_2                           |

| Survey                                                                                                                          |                 |             |                       |              |              |                         |                       |                      |                     |
|---------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-----------------------|----------------------|---------------------|
| Measured Depth (usft)                                                                                                           | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
| 13,051.00                                                                                                                       | 1.40            | 110.10      | 13,038.34             | -168.79      | -73.65       | -168.79                 | 0.11                  | -0.11                | 1.49                |
| 13,145.00                                                                                                                       | 1.30            | 114.40      | 13,132.32             | -169.63      | -71.60       | -169.63                 | 0.15                  | -0.11                | 4.57                |
| 13,239.00                                                                                                                       | 0.90            | 69.40       | 13,226.30             | -169.81      | -69.94       | -169.81                 | 0.98                  | -0.43                | -47.87              |
| 13,342.00                                                                                                                       | 1.40            | 10.20       | 13,329.28             | -168.29      | -68.96       | -168.29                 | 1.18                  | 0.49                 | -57.48              |
| <b>WBDS MWD: 13342.00' MD/ 13329.28' TVD</b>                                                                                    |                 |             |                       |              |              |                         |                       |                      |                     |
| 13,436.00                                                                                                                       | 2.00            | 345.30      | 13,423.24             | -165.57      | -69.18       | -165.57                 | 1.00                  | 0.64                 | -26.49              |
| 13,530.00                                                                                                                       | 0.80            | 223.90      | 13,517.22             | -164.46      | -70.05       | -164.46                 | 2.67                  | -1.28                | -129.15             |
| 13,623.00                                                                                                                       | 0.50            | 286.10      | 13,610.22             | -164.81      | -70.89       | -164.81                 | 0.77                  | -0.32                | 66.88               |
| 13,717.00                                                                                                                       | 0.60            | 288.70      | 13,704.21             | -164.54      | -71.75       | -164.54                 | 0.11                  | 0.11                 | 2.77                |
| 13,810.00                                                                                                                       | 0.40            | 282.20      | 13,797.21             | -164.32      | -72.53       | -164.32                 | 0.22                  | -0.22                | -6.99               |
| 13,905.00                                                                                                                       | 0.50            | 297.60      | 13,892.21             | -164.05      | -73.22       | -164.05                 | 0.16                  | 0.11                 | 16.21               |
| 13,999.00                                                                                                                       | 1.10            | 335.70      | 13,986.20             | -163.04      | -73.95       | -163.04                 | 0.82                  | 0.64                 | 40.53               |
| 14,093.00                                                                                                                       | 1.00            | 315.90      | 14,080.18             | -161.63      | -74.89       | -161.63                 | 0.40                  | -0.11                | -21.06              |
| 14,187.00                                                                                                                       | 0.90            | 301.60      | 14,174.17             | -160.65      | -76.09       | -160.65                 | 0.27                  | -0.11                | -15.21              |
| 14,280.00                                                                                                                       | 0.90            | 288.70      | 14,267.16             | -160.04      | -77.41       | -160.04                 | 0.22                  | 0.00                 | -13.87              |
| 14,374.00                                                                                                                       | 1.00            | 264.20      | 14,361.15             | -159.88      | -78.92       | -159.88                 | 0.44                  | 0.11                 | -26.06              |
| 14,468.00                                                                                                                       | 1.20            | 250.80      | 14,455.13             | -160.29      | -80.67       | -160.29                 | 0.35                  | 0.21                 | -14.26              |
| 14,561.00                                                                                                                       | 1.40            | 252.10      | 14,548.11             | -160.96      | -82.67       | -160.96                 | 0.22                  | 0.22                 | 1.40                |
| 14,655.00                                                                                                                       | 1.40            | 247.60      | 14,642.08             | -161.75      | -84.82       | -161.75                 | 0.12                  | 0.00                 | -4.79               |
| 14,748.00                                                                                                                       | 1.40            | 245.10      | 14,735.05             | -162.66      | -86.90       | -162.66                 | 0.07                  | 0.00                 | -2.69               |
| 14,842.00                                                                                                                       | 1.40            | 245.70      | 14,829.02             | -163.62      | -88.99       | -163.62                 | 0.02                  | 0.00                 | 0.64                |
| 14,935.00                                                                                                                       | 1.60            | 252.70      | 14,921.99             | -164.47      | -91.27       | -164.47                 | 0.29                  | 0.22                 | 7.53                |
| 14,978.00                                                                                                                       | 1.30            | 263.00      | 14,964.98             | -164.71      | -92.32       | -164.71                 | 0.92                  | -0.70                | 23.95               |
| 14,989.00                                                                                                                       | 0.90            | 278.80      | 14,975.97             | -164.71      | -92.53       | -164.71                 | 4.53                  | -3.64                | 143.64              |
| 15,083.00                                                                                                                       | 0.60            | 259.20      | 15,069.97             | -164.69      | -93.75       | -164.69                 | 0.42                  | -0.32                | -20.85              |
| 15,220.00                                                                                                                       | 1.40            | 212.10      | 15,206.95             | -166.24      | -95.34       | -166.24                 | 0.79                  | 0.58                 | -34.38              |
| 15,314.00                                                                                                                       | 2.30            | 225.80      | 15,300.90             | -168.53      | -97.30       | -168.53                 | 1.06                  | 0.96                 | 14.57               |
| 15,408.00                                                                                                                       | 3.20            | 230.30      | 15,394.79             | -171.52      | -100.67      | -171.52                 | 0.98                  | 0.96                 | 4.79                |
| 15,502.00                                                                                                                       | 2.90            | 233.24      | 15,488.65             | -174.62      | -104.60      | -174.62                 | 0.36                  | -0.32                | 3.13                |
| 15,596.00                                                                                                                       | 2.02            | 222.69      | 15,582.57             | -177.26      | -107.63      | -177.26                 | 1.05                  | -0.94                | -11.22              |
| 15,690.00                                                                                                                       | 1.49            | 227.61      | 15,676.52             | -179.30      | -109.65      | -179.30                 | 0.59                  | -0.56                | 5.23                |
| 15,783.00                                                                                                                       | 1.71            | 200.10      | 15,769.49             | -181.42      | -111.02      | -181.42                 | 0.85                  | 0.24                 | -29.58              |
| 15,877.00                                                                                                                       | 1.89            | 175.40      | 15,863.44             | -184.28      | -111.38      | -184.28                 | 0.84                  | 0.19                 | -26.28              |
| 15,971.00                                                                                                                       | 2.02            | 171.27      | 15,957.39             | -187.47      | -111.00      | -187.47                 | 0.20                  | 0.14                 | -4.39               |
| 16,065.00                                                                                                                       | 1.80            | 175.05      | 16,051.34             | -190.57      | -110.63      | -190.57                 | 0.27                  | -0.23                | 4.02                |
| 16,158.00                                                                                                                       | 2.51            | 165.30      | 16,144.27             | -194.00      | -109.98      | -194.00                 | 0.86                  | 0.76                 | -10.48              |
| 16,285.00                                                                                                                       | 2.51            | 165.30      | 16,271.15             | -199.38      | -108.57      | -199.38                 | 0.00                  | 0.00                 | 0.00                |
| <b>TD: Y= 412611.62 / X= 605103.23 - Final Station Closure Distance= 227.02 /Direction= 208.57 - Projection to Bit: 16285.0</b> |                 |             |                       |              |              |                         |                       |                      |                     |



## Survey Report



|                  |                                      |                                     |                                      |
|------------------|--------------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>  | XTO Energy                           | <b>Local Co-ordinate Reference:</b> | Well #1                              |
| <b>Project:</b>  | Eddy County, NM (Nad-27 / East Zone) | <b>TVD Reference:</b>               | RKB = 32' @ 3038.00usft (Nabors F15) |
| <b>Site:</b>     | Corral Canyon 16 State SWD           | <b>MD Reference:</b>                | RKB = 32' @ 3038.00usft (Nabors F15) |
| <b>Well:</b>     | #1                                   | <b>North Reference:</b>             | Grid                                 |
| <b>Wellbore:</b> | OH                                   | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Design:</b>   | OH                                   | <b>Database:</b>                    | WBDS_SQL_2                           |

## Design Targets

## Target Name

| - hit/miss target                    | Dip Angle<br>(°) | Dip Dir.<br>(°) | TVD<br>(usft) | +N/-S<br>(usft) | +E/-W<br>(usft) | Northing<br>(usft) | Easting<br>(usft) | Latitude  | Longitude   |
|--------------------------------------|------------------|-----------------|---------------|-----------------|-----------------|--------------------|-------------------|-----------|-------------|
| - Shape                              |                  |                 |               |                 |                 |                    |                   |           |             |
| Projection to Bit @ 16               | 0.00             | 0.01            | 16,271.15     | -199.38         | -108.57         | 412,611.62         | 605,103.23        | 32.133931 | -103.993792 |
| - actual wellpath hits target center |                  |                 |               |                 |                 |                    |                   |           |             |
| - Point                              |                  |                 |               |                 |                 |                    |                   |           |             |

## Design Annotations

| Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Local Coordinates |                 | Comment                                                   |
|-----------------------------|-----------------------------|-------------------|-----------------|-----------------------------------------------------------|
|                             |                             | +N/-S<br>(usft)   | +E/-W<br>(usft) |                                                           |
| 851.00                      | 849.10                      | 26.15             | -26.00          | WBDS MWD: 851.00' MD/ 849.10' TVD                         |
| 13,342.00                   | 13,329.28                   | -168.29           | -68.96          | WBDS MWD: 13342.00' MD/ 13329.28' TVD                     |
| 16,285.00                   | 16,271.15                   | -199.38           | -108.57         | TD: Y= 412611.62 / X= 605103.23                           |
| 16,285.00                   | 16,271.15                   | -199.38           | -108.57         | Final Station Closure Distance= 227.02 /Direction= 208.57 |
| 16,285.00                   | 16,271.15                   | -199.38           | -108.57         | Projection to Bit: 16285.00' MD/ 16271.15' TVD            |
| 16,285.00                   | 16,271.15                   | -199.38           | -108.57         | TD: Latitude= 32.133931 / Longitude= -103.993791          |

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

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
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**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 13400

**CONDITIONS OF APPROVAL**

|                                             |                                            |                |                         |                       |
|---------------------------------------------|--------------------------------------------|----------------|-------------------------|-----------------------|
| Operator:<br>XTO ENERGY, INC<br>Building #5 | 6401 Holiday Hill Road<br>Midland, TX79707 | OGRID:<br>5380 | Action Number:<br>13400 | Action Type:<br>C-102 |
| OCD Reviewer<br>abustamante                 | Condition<br>None                          |                |                         |                       |