

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

|                                                                                                                |                                                         |                                                           |                                 |
|----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------|---------------------------------|
| <sup>1</sup> Operator name and Address<br>XTO Energy, Inc<br>4601 Holiday Hill Rd bldg #5<br>Midland, TX 79707 |                                                         | <sup>2</sup> OGRID Number<br>005380                       |                                 |
|                                                                                                                |                                                         | <sup>3</sup> Reason for Filing Code/ Effective Date<br>NW |                                 |
| <sup>4</sup> API Number<br>30 - 0 15- 43709                                                                    | <sup>5</sup> Pool Name<br>Willow Lake - Bone Spring, SE |                                                           | <sup>6</sup> Pool Code<br>96217 |
| <sup>7</sup> Property Code<br>314121                                                                           | <sup>8</sup> Property Name<br>Corral Canyon Federal     |                                                           | <sup>9</sup> Well Number<br>08H |

II. <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 |
| P             | 4       | 25S      | 29E   |         | 170           | South            | 610           | East           | Eddy   |

<sup>11</sup> Bottom Hole Location

|                             |                                          |                                                 |                                   |         |                                    |                  |                                     |                |        |
|-----------------------------|------------------------------------------|-------------------------------------------------|-----------------------------------|---------|------------------------------------|------------------|-------------------------------------|----------------|--------|
| UL or lot no.               | Section                                  | Township                                        | Range                             | Lot Idn | Feet from the                      | North/South line | Feet from the                       | East/West line | County |
| 1                           | 4                                        | 25S                                             | 29E                               | 1       | 51                                 | North            | 643                                 | East           | Eddy   |
| <sup>12</sup> Lse Code<br>F | <sup>13</sup> Producing Method Code<br>F | <sup>14</sup> Gas Connection Date<br>09/06/2020 | <sup>15</sup> C-129 Permit Number |         | <sup>16</sup> C-129 Effective Date |                  | <sup>17</sup> C-129 Expiration Date |                |        |

III. Oil and Gas Transporters

|                                 |                                                                            |                     |
|---------------------------------|----------------------------------------------------------------------------|---------------------|
| <sup>18</sup> Transporter OGRID | <sup>19</sup> Transporter Name and Address                                 | <sup>20</sup> O/G/W |
| 034053                          | Plains Marketing, LP<br>PO Box 4648<br>Houston, TX 77210                   | O                   |
| 248440                          | Western Refining Company, LP<br>6500 Trowbridge Drive<br>El Paso, TX 79905 | O                   |
| 372422                          | Luic Energy Delaware, LLC<br>3100 Mckinnon Suite 800<br>Artesia, NM 88210  | G                   |
|                                 |                                                                            |                     |
|                                 |                                                                            |                     |

IV. Well Completion Data

|                                       |                                        |                                    |                                  |                                             |                              |
|---------------------------------------|----------------------------------------|------------------------------------|----------------------------------|---------------------------------------------|------------------------------|
| <sup>21</sup> Spud Date<br>02/12/2019 | <sup>22</sup> Ready Date<br>09/06/2020 | <sup>23</sup> TD<br>14135/8731     | <sup>24</sup> PBTD<br>14133/8731 | <sup>25</sup> Perforations<br>9120 - 114011 | <sup>26</sup> DHC, MC<br>N/A |
| <sup>27</sup> Hole Size               |                                        | <sup>28</sup> Casing & Tubing Size | <sup>29</sup> Depth Set          |                                             | <sup>30</sup> Sacks Cement   |
| 17 1/2                                |                                        | 13 3/8                             | 550 548'                         |                                             | 1178                         |
| 12 1/4                                |                                        | 9 5/8                              | 3110                             |                                             | 1314                         |
| 8 3/4                                 |                                        | 5 1/2                              | 14135                            |                                             | 2046                         |
|                                       |                                        |                                    |                                  |                                             |                              |

V. Well Test Data

|                                                                                                                                                                                                                                            |                                               |                                       |                                                                                                                                                 |                                   |                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|--------------------------------------|
| <sup>31</sup> Date New Oil<br>09/07/2020                                                                                                                                                                                                   | <sup>32</sup> Gas Delivery Date<br>09/07/2020 | <sup>33</sup> Test Date<br>09/08/2020 | <sup>34</sup> Test Length<br>24                                                                                                                 | <sup>35</sup> Tbg. Pressure<br>55 | <sup>36</sup> Csg. Pressure          |
| <sup>37</sup> Choke Size                                                                                                                                                                                                                   | <sup>38</sup> Oil<br>2163                     | <sup>39</sup> Water<br>1653           | <sup>40</sup> Gas<br>3467                                                                                                                       |                                   | <sup>41</sup> Test Method<br>Flowing |
| <sup>42</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.<br>Signature: <i>Cassie Evans</i> |                                               |                                       | OIL CONSERVATION DIVISION                                                                                                                       |                                   |                                      |
| Printed name:<br>Cassie Evans                                                                                                                                                                                                              |                                               |                                       | Approved by: <i>Amelia B. Ramirez</i>                                                                                                           |                                   |                                      |
| Title:<br>Regulatory Analyst                                                                                                                                                                                                               |                                               |                                       | Title:<br>BUSINESS OP. SPEC.                                                                                                                    |                                   |                                      |
| E-mail Address:<br>cassie_evans@xtoenergy.com                                                                                                                                                                                              |                                               |                                       | Approval Date:<br>1/27/2021                                                                                                                     |                                   |                                      |
| Date:<br>09/23/2020                                                                                                                                                                                                                        |                                               |                                       | Phone:                                                                                                                                          |                                   |                                      |
|                                                                                                                                                                                                                                            |                                               |                                       | <i>01/27/2021 Request for NMOCD extension of time to file BLM-Approved form 3160-4. File 3160-4 within 10 days to NMOCD after BLM approval.</i> |                                   |                                      |

## 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

EMNRD-Rec'd: 09/29/2020

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>30-015-43709 | <sup>2</sup> Pool Code<br>96217                     | <sup>3</sup> Pool Name<br>Willow Lake; Bone Springs SE |
| <sup>4</sup> Property Code<br>314121    | <sup>5</sup> Property Name<br>CORRAL CANYON FEDERAL | <sup>6</sup> Well Number<br>8H                         |
| <sup>7</sup> OGRID No.<br>005380        | <sup>8</sup> Operator Name<br>XTO ENERGY INC.       | <sup>9</sup> Elevation<br>2,998'                       |

<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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| P             | 4       | 25 S     | 29 E  |         | 170           | SOUTH            | 610           | 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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| 1             | 4       | 25 S     | 29 E  |         | 51            | NORTH            | 643           | EAST           | EDDY   |

|                                         |                               |                                  |                         |
|-----------------------------------------|-------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br>159.63 | <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.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>T24S R29E SEC. 33</b></p> <p><b>SEC. 34</b></p> <p><b>SEC. 3</b></p> <p><b>T25S R29E SEC. 4</b></p> <p><b>SEC. 9</b></p> <p><b>SEC. 10</b></p> <p>LOT 1 39.63 AC.</p> <p>L.T.P. MD=14,011'</p> <p>B.H.L. MD=14,135'</p> <p>KICK OFF POINT NAD 27 NME Y= 418,723.8 X= 608,589.8 LAT.= 32.150702°N LONG.= 103.982464°W</p> <p>KICK OFF POINT NAD 83 NME Y= 418,782.3 X= 649,774.0 LAT.= 32.150826°N LONG.= 103.982951°W</p> <p>F.T.P. MD= 9,120'</p> <p>S.H.L.</p> <p>K.O.P. MD=8,050'</p> <p>400'</p> <p>170'</p> <p>645'</p> <p>648'</p> <p>610'</p> <p>330'</p> <p>51'</p> <p>175'</p> <p>643'</p> <p>646'</p> | <p><b>GEODETIC COORDINATES</b></p> <p>NAD 27 NME</p> <p>SURFACE LOCATION</p> <p>Y= 419,293.9</p> <p>X= 608,623.4</p> <p>LAT.= 32.152269°N</p> <p>LONG.= 103.982349°W</p> <p>FIRST TAKE POINT</p> <p>NAD 27 NME</p> <p>Y= 419,370.5</p> <p>X= 608,584.5</p> <p>LAT.= 32.152480°N</p> <p>LONG.= 103.982474°W</p> <p><b>GEODETIC COORDINATES</b></p> <p>NAD 83 NME</p> <p>SURFACE LOCATION</p> <p>Y= 419,352.4</p> <p>X= 649,807.6</p> <p>LAT.= 32.152393°N</p> <p>LONG.= 103.982836°W</p> <p>FIRST TAKE POINT</p> <p>NAD 83 NME</p> <p>Y= 419,429.0</p> <p>X= 649,768.7</p> <p>LAT.= 32.152604°N</p> <p>LONG.= 103.982961°W</p> <p><b>CORNER COORDINATES TABLE</b></p> <p>NAD 27 NME</p> <p>A - Y= 419,127.1 N, X= 609,234.4 E</p> <p>B - Y= 419,120.2 N, X= 607,904.7 E</p> <p>C - Y= 421,781.3 N, X= 609,218.2 E</p> <p>D - Y= 421,774.1 N, X= 607,886.5 E</p> <p>E - Y= 424,436.0 N, X= 609,201.3 E</p> <p>F - Y= 424,430.3 N, X= 607,868.0 E</p> <p><b>CORNER COORDINATES TABLE</b></p> <p>NAD 83 NME</p> <p>A - Y= 419,185.6 N, X= 650,418.6 E</p> <p>B - Y= 419,178.7 N, X= 649,088.9 E</p> <p>C - Y= 421,839.9 N, X= 650,402.3 E</p> <p>D - Y= 421,832.7 N, X= 649,070.6 E</p> <p>E - Y= 424,494.6 N, X= 650,385.3 E</p> <p>F - Y= 424,488.9 N, X= 649,052.0 E</p> <p><b>LAST TAKE POINT</b></p> <p>NAD 27 NME</p> <p>Y= 424,258.2</p> <p>X= 608,558.0</p> <p>LAT.= 32.165916°N</p> <p>LONG.= 103.982515°W</p> <p><b>LAST TAKE POINT</b></p> <p>NAD 83 NME</p> <p>Y= 424,316.8</p> <p>X= 649,740.0</p> <p>LAT.= 32.166040°N</p> <p>LONG.= 103.983003°W</p> <p><b>BOTTOM HOLE LOCATION</b></p> <p>NAD 27 NME</p> <p>Y= 424,381.9</p> <p>X= 608,558.5</p> <p>LAT.= 32.166256°N</p> <p>LONG.= 103.982505°W</p> <p><b>BOTTOM HOLE LOCATION</b></p> <p>NAD 83 NME</p> <p>Y= 424,440.5</p> <p>X= 649,742.5</p> <p>LAT.= 32.166380°N</p> <p>LONG.= 103.982993°W</p> | <p><b><sup>17</sup> OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><u>Cassie Evans</u> 09/04/2020</p> <p>Signature Date</p> <p><u>Cassie Evans</u></p> <p>Printed Name</p> <p><u>cassie.evans@xtoenergy.com</u></p> <p>E-mail Address</p> <p><b><sup>18</sup> SURVEYOR CERTIFICATION</b></p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>9-3-2020</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p><u>MARK DILLON HARP</u></p> <p>MARK DILLON HARP 23786</p> <p>Certificate Number</p> <p>JC</p> <p>2017101677</p> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Intent ☐ As Drilled ☐

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

## Kick Off Point (KOP)

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

## First Take Point (FTP)

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

## Last Take Point (LTP)

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

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

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

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

KZ 06/29/2018



State of New Mexico  
County of Eddy

I, Jeremy Esqueda, certify that: I am employed by WellBenders Directional Services LLC; that I did on the day(s) of February 13 2019 through February 20, 2019 conduct or supervise the taking of MWD Directional Survey from a depth of 0 feet to a depth of 8,050 feet; that the data is true, correct, complete and within the limitations of the tool as set forth by WellBenders Directional Services LLC; that I am authorized and qualified to make this report; that this survey was conducted at the request of XTO Energy Inc. for the State of New Mexico; Well: Corral Canyon Fed 8H in Eddy County; and that I have reviewed this report and find that it conforms to the principles and procedures as set forth by WellBenders Directional Services LLC.

---

Jeremy Esqueda  
(Sign Name)

Jeremy Esqueda  
MWD Manager  
Digitally Signed by Jeremy Esqueda



## **XTO ENERGY, INC.**

**Eddy County, NM**

**Sec 4, T25S, R29E**

**Corral Canyon Federal #08H**

**Wellbore #1**

**Design: Wellbore #1**

## **QES Survey Certification Report**

**27 February, 2019**



**Quintana Energy Services**

11390 FM 830  
Willis, TX 77318  
Phone: (936) 856-4332  
Fax: (936) 856-8678

**Survey Certification Sheet**

| Company         | Job Number | Date       |
|-----------------|------------|------------|
| XTO Energy, INC | WT-190236  | 09/03/2020 |

| Lease             | Well Name                  | County & State  |
|-------------------|----------------------------|-----------------|
| Sec 4, T25S, R29E | Corral Canyon Federal #08H | Eddy County, NM |

| API No.      | Survey Depth Range         | Survey Type |
|--------------|----------------------------|-------------|
| 30-015-43709 | 7998 feet to 14135 feet MD | MWD         |

| Sidetrack Information                     | Directional Supervisor/Surveyor |
|-------------------------------------------|---------------------------------|
| <a href="#">Click here to enter text.</a> | Bill Kitchens                   |

**Certification Statement**

The data and calculations for this survey have been checked by me and conform to the standards and procedures set forth by Quintana Energy Services (QES). This report represents a true and correct directional survey of this well based on the original data obtained at the well site. Wellbore coordinates are calculated using minimum curvature.

Kristopher Ray  
Regulatory Compliance Manager  
Quintana Energy Services



## QES Survey Certification Report



|                  |                            |                                     |                                          |
|------------------|----------------------------|-------------------------------------|------------------------------------------|
| <b>Company:</b>  | XTO ENERGY, INC.           | <b>Local Co-ordinate Reference:</b> | Well Corral Canyon Federal #08H          |
| <b>Project:</b>  | Eddy County, NM            | <b>TVD Reference:</b>               | RKB (GL+27') @ 3025.0usft (Frontier #27) |
| <b>Site:</b>     | Sec 4, T25S, R29E          | <b>MD Reference:</b>                | RKB (GL+27') @ 3025.0usft (Frontier #27) |
| <b>Well:</b>     | Corral Canyon Federal #08H | <b>North Reference:</b>             | Grid                                     |
| <b>Wellbore:</b> | Wellbore #1                | <b>Survey Calculation Method:</b>   | Minimum Curvature                        |
| <b>Design:</b>   | Wellbore #1                | <b>Database:</b>                    | EDM 5000.1 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                 |                      |                |

|                              |                   |                          |                   |
|------------------------------|-------------------|--------------------------|-------------------|
| <b>Site</b>                  | Sec 4, T25S, R29E |                          |                   |
| <b>Site Position:</b>        |                   | <b>Northing:</b>         | 419,294.20 usft   |
| <b>From:</b>                 | Map               | <b>Easting:</b>          | 608,673.40 usft   |
| <b>Position Uncertainty:</b> | 0.0 usft          | <b>Slot Radius:</b>      | 13-3/16"          |
|                              |                   | <b>Latitude:</b>         | 32° 9' 8.170 N    |
|                              |                   | <b>Longitude:</b>        | 103° 58' 55.875 W |
|                              |                   | <b>Grid Convergence:</b> | 0.19 °            |

|                             |                            |                            |                   |
|-----------------------------|----------------------------|----------------------------|-------------------|
| <b>Well</b>                 | Corral Canyon Federal #08H |                            |                   |
| <b>Well Position</b>        | <b>+N/-S</b>               | 0.0 usft                   | <b>Northing:</b>  |
|                             | <b>+E/-W</b>               | 0.0 usft                   | <b>Easting:</b>   |
| <b>Position Uncertainty</b> | 0.0 usft                   | <b>Wellhead Elevation:</b> | usft              |
|                             |                            | <b>Latitude:</b>           | 32° 9' 8.168 N    |
|                             |                            | <b>Longitude:</b>          | 103° 58' 56.456 W |
|                             |                            | <b>Ground Level:</b>       | 2,998.0 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> |
|                  | IGRF2015          | 2/13/2019          | 6.96                   | 59.91                | 47,684.69173123            |

|                          |                         |               |              |                      |
|--------------------------|-------------------------|---------------|--------------|----------------------|
| <b>Design</b>            | Wellbore #1             |               |              |                      |
| <b>Audit Notes:</b>      |                         |               |              |                      |
| <b>Version:</b>          | 1.0                     | <b>Phase:</b> | ACTUAL       | <b>Tie On Depth:</b> |
|                          |                         |               |              | 0.0                  |
| <b>Vertical Section:</b> | <b>Depth From (TVD)</b> | <b>+N/-S</b>  | <b>+E/-W</b> | <b>Direction</b>     |
|                          | (usft)                  | (usft)        | (usft)       | (°)                  |
|                          | 0.0                     | 0.0           | 0.0          | 359.64               |

|                       |                  |                                 |                  |                     |
|-----------------------|------------------|---------------------------------|------------------|---------------------|
| <b>Survey Program</b> | <b>Date</b>      | 2/27/2019                       |                  |                     |
| <b>From (usft)</b>    | <b>To (usft)</b> | <b>Survey (Wellbore)</b>        | <b>Tool Name</b> | <b>Description</b>  |
| 126.0                 | 7,998.0          | DigiDrill Surveys (Wellbore #1) | MWD              | OWSG MWD - Standard |
| 8,029.0               | 14,135.0         | QES MWD Surveys (Wellbore #1)   | MWD              | OWSG MWD - Standard |

| Survey                                |            |                      |               |               |               |                            |                        |
|---------------------------------------|------------|----------------------|---------------|---------------|---------------|----------------------------|------------------------|
| MD<br>(usft)                          | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | Closure Distance<br>(usft) | Closure Azimuth<br>(°) |
| 7,998.0                               | 6.80       | 179.00               | 7,957.5       | -564.3        | -33.9         | 565.3                      | 183.44                 |
| MWD Tie-in @ 7998.0' MD / 7957.5' TVD |            |                      |               |               |               |                            |                        |
| 8,029.0                               | 7.00       | 177.10               | 7,988.3       | -568.0        | -33.8         | 569.0                      | 183.40                 |
| 8,076.0                               | 4.70       | 170.90               | 8,035.0       | -572.8        | -33.3         | 573.7                      | 183.33                 |
| 8,125.0                               | 1.10       | 102.00               | 8,084.0       | -574.9        | -32.5         | 575.8                      | 183.24                 |
| 8,172.0                               | 5.80       | 11.50                | 8,130.9       | -572.6        | -31.6         | 573.5                      | 183.16                 |
| 8,220.0                               | 11.30      | 5.00                 | 8,178.3       | -565.5        | -30.7         | 566.4                      | 183.11                 |
| 8,267.0                               | 16.00      | 3.80                 | 8,224.0       | -554.5        | -29.9         | 555.3                      | 183.09                 |
| 8,315.0                               | 20.00      | 3.80                 | 8,269.6       | -539.7        | -28.9         | 540.5                      | 183.07                 |
| 8,362.0                               | 22.80      | 2.70                 | 8,313.4       | -522.6        | -28.0         | 523.3                      | 183.06                 |
| 8,410.0                               | 26.70      | 1.70                 | 8,357.0       | -502.5        | -27.2         | 503.2                      | 183.10                 |



## QES Survey Certification Report



|                  |                            |                                     |                                          |
|------------------|----------------------------|-------------------------------------|------------------------------------------|
| <b>Company:</b>  | XTO ENERGY, INC.           | <b>Local Co-ordinate Reference:</b> | Well Corral Canyon Federal #08H          |
| <b>Project:</b>  | Eddy County, NM            | <b>TVD Reference:</b>               | RKB (GL+27') @ 3025.0usft (Frontier #27) |
| <b>Site:</b>     | Sec 4, T25S, R29E          | <b>MD Reference:</b>                | RKB (GL+27') @ 3025.0usft (Frontier #27) |
| <b>Well:</b>     | Corral Canyon Federal #08H | <b>North Reference:</b>             | Grid                                     |
| <b>Wellbore:</b> | Wellbore #1                | <b>Survey Calculation Method:</b>   | Minimum Curvature                        |
| <b>Design:</b>   | Wellbore #1                | <b>Database:</b>                    | EDM 5000.1 Single User Db                |

| Survey       |            |                      |               |               |               |                            |                        |  |
|--------------|------------|----------------------|---------------|---------------|---------------|----------------------------|------------------------|--|
| MD<br>(usft) | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | Closure Distance<br>(usft) | Closure Azimuth<br>(°) |  |
| 8,457.0      | 31.70      | 358.30               | 8,398.0       | -479.6        | -27.3         | 480.4                      | 183.25                 |  |
| 8,504.0      | 35.80      | 355.70               | 8,437.1       | -453.5        | -28.7         | 454.4                      | 183.61                 |  |
| 8,551.0      | 40.20      | 355.30               | 8,474.1       | -424.7        | -30.9         | 425.8                      | 184.16                 |  |
| 8,598.0      | 44.70      | 357.10               | 8,508.8       | -393.0        | -33.0         | 394.4                      | 184.80                 |  |
| 8,645.0      | 49.90      | 358.30               | 8,540.6       | -358.5        | -34.4         | 360.2                      | 185.48                 |  |
| 8,694.0      | 54.70      | 359.20               | 8,570.6       | -319.8        | -35.2         | 321.7                      | 186.28                 |  |
| 8,741.0      | 58.90      | 359.90               | 8,596.3       | -280.5        | -35.5         | 282.7                      | 187.22                 |  |
| 8,790.0      | 63.00      | 359.60               | 8,620.1       | -237.6        | -35.7         | 240.3                      | 188.54                 |  |
| 8,837.0      | 67.00      | 359.40               | 8,640.0       | -195.1        | -36.1         | 198.4                      | 190.48                 |  |
| 8,884.0      | 69.60      | 359.60               | 8,657.3       | -151.4        | -36.5         | 155.7                      | 193.54                 |  |
| 8,931.0      | 70.00      | 0.10                 | 8,673.6       | -107.3        | -36.6         | 113.3                      | 198.82                 |  |
| 8,980.0      | 73.80      | 359.70               | 8,688.8       | -60.7         | -36.7         | 70.9                       | 211.12                 |  |
| 9,027.0      | 77.70      | 359.20               | 8,700.4       | -15.2         | -37.1         | 40.1                       | 247.75                 |  |
| 9,076.0      | 80.90      | 359.40               | 8,709.5       | 33.0          | -37.7         | 50.1                       | 311.18                 |  |
| 9,123.0      | 85.10      | 357.40               | 8,715.2       | 79.6          | -39.0         | 88.6                       | 333.90                 |  |
| 9,171.0      | 88.60      | 358.50               | 8,717.8       | 127.5         | -40.7         | 133.8                      | 342.29                 |  |
| 9,264.0      | 91.30      | 357.40               | 8,717.9       | 220.4         | -44.0         | 224.8                      | 348.70                 |  |
| 9,359.0      | 89.30      | 358.10               | 8,717.4       | 315.3         | -47.8         | 318.9                      | 351.39                 |  |
| 9,451.0      | 87.70      | 359.20               | 8,719.8       | 407.3         | -49.9         | 410.3                      | 353.01                 |  |
| 9,547.0      | 90.40      | 359.60               | 8,721.4       | 503.2         | -50.9         | 505.8                      | 354.22                 |  |
| 9,642.0      | 89.30      | 0.60                 | 8,721.7       | 598.2         | -50.8         | 600.4                      | 355.15                 |  |
| 9,737.0      | 90.90      | 359.60               | 8,721.5       | 693.2         | -50.6         | 695.1                      | 355.83                 |  |
| 9,832.0      | 89.40      | 359.20               | 8,721.2       | 788.2         | -51.6         | 789.9                      | 356.26                 |  |
| 9,927.0      | 90.40      | 358.80               | 8,721.4       | 883.2         | -53.3         | 884.8                      | 356.55                 |  |
| 10,020.0     | 88.80      | 358.80               | 8,722.1       | 976.2         | -55.2         | 977.7                      | 356.76                 |  |
| 10,115.0     | 90.40      | 358.30               | 8,722.7       | 1,071.1       | -57.6         | 1,072.7                    | 356.92                 |  |
| 10,211.0     | 88.40      | 358.00               | 8,723.7       | 1,167.1       | -60.7         | 1,168.7                    | 357.02                 |  |
| 10,306.0     | 90.00      | 357.80               | 8,725.1       | 1,262.0       | -64.2         | 1,263.6                    | 357.09                 |  |
| 10,401.0     | 91.50      | 357.60               | 8,723.8       | 1,356.9       | -68.0         | 1,358.6                    | 357.13                 |  |
| 10,495.0     | 90.30      | 358.10               | 8,722.3       | 1,450.8       | -71.5         | 1,452.6                    | 357.18                 |  |
| 10,591.0     | 92.00      | 357.80               | 8,720.4       | 1,546.7       | -75.0         | 1,548.6                    | 357.23                 |  |
| 10,686.0     | 89.40      | 358.50               | 8,719.2       | 1,641.7       | -78.0         | 1,643.5                    | 357.28                 |  |
| 10,780.0     | 91.10      | 358.10               | 8,718.8       | 1,735.6       | -80.8         | 1,737.5                    | 357.33                 |  |
| 10,876.0     | 89.10      | 359.00               | 8,718.7       | 1,831.6       | -83.2         | 1,833.5                    | 357.40                 |  |
| 10,972.0     | 90.40      | 358.50               | 8,719.1       | 1,927.6       | -85.3         | 1,929.5                    | 357.47                 |  |
| 11,066.0     | 92.70      | 358.30               | 8,716.5       | 2,021.5       | -88.0         | 2,023.4                    | 357.51                 |  |
| 11,163.0     | 89.10      | 359.20               | 8,715.0       | 2,118.4       | -90.1         | 2,120.4                    | 357.57                 |  |
| 11,258.0     | 85.00      | 0.30                 | 8,719.9       | 2,213.3       | -90.5         | 2,215.1                    | 357.66                 |  |
| 11,354.0     | 86.30      | 0.10                 | 8,727.2       | 2,309.0       | -90.2         | 2,310.8                    | 357.76                 |  |
| 11,450.0     | 87.60      | 359.60               | 8,732.3       | 2,404.9       | -90.4         | 2,406.6                    | 357.85                 |  |
| 11,546.0     | 88.40      | 358.50               | 8,735.6       | 2,500.8       | -92.0         | 2,502.5                    | 357.89                 |  |
| 11,641.0     | 92.10      | 359.70               | 8,735.2       | 2,595.8       | -93.5         | 2,597.5                    | 357.94                 |  |
| 11,737.0     | 87.80      | 359.40               | 8,735.3       | 2,691.7       | -94.2         | 2,693.4                    | 357.99                 |  |
| 11,833.0     | 89.10      | 1.10                 | 8,737.9       | 2,787.7       | -93.8         | 2,789.3                    | 358.07                 |  |



## QES Survey Certification Report



|                  |                            |                                     |                                          |
|------------------|----------------------------|-------------------------------------|------------------------------------------|
| <b>Company:</b>  | XTO ENERGY, INC.           | <b>Local Co-ordinate Reference:</b> | Well Corral Canyon Federal #08H          |
| <b>Project:</b>  | Eddy County, NM            | <b>TVD Reference:</b>               | RKB (GL+27') @ 3025.0usft (Frontier #27) |
| <b>Site:</b>     | Sec 4, T25S, R29E          | <b>MD Reference:</b>                | RKB (GL+27') @ 3025.0usft (Frontier #27) |
| <b>Well:</b>     | Corral Canyon Federal #08H | <b>North Reference:</b>             | Grid                                     |
| <b>Wellbore:</b> | Wellbore #1                | <b>Survey Calculation Method:</b>   | Minimum Curvature                        |
| <b>Design:</b>   | Wellbore #1                | <b>Database:</b>                    | EDM 5000.1 Single User Db                |

| Survey                         |            |                      |               |               |               |                            |                        |  |
|--------------------------------|------------|----------------------|---------------|---------------|---------------|----------------------------|------------------------|--|
| MD<br>(usft)                   | Inc<br>(°) | Azi (azimuth)<br>(°) | TVD<br>(usft) | N/S<br>(usft) | E/W<br>(usft) | Closure Distance<br>(usft) | Closure Azimuth<br>(°) |  |
| 11,928.0                       | 88.50      | 3.10                 | 8,739.9       | 2,882.6       | -90.3         | 2,884.0                    | 358.20                 |  |
| 12,023.0                       | 89.90      | 2.70                 | 8,741.2       | 2,977.5       | -85.5         | 2,978.7                    | 358.35                 |  |
| 12,117.0                       | 90.70      | 2.40                 | 8,740.7       | 3,071.4       | -81.4         | 3,072.5                    | 358.48                 |  |
| 12,212.0                       | 90.30      | 1.80                 | 8,739.9       | 3,166.3       | -77.9         | 3,167.3                    | 358.59                 |  |
| 12,306.0                       | 88.80      | 1.50                 | 8,740.6       | 3,260.3       | -75.2         | 3,261.1                    | 358.68                 |  |
| 12,402.0                       | 90.70      | 1.80                 | 8,741.1       | 3,356.2       | -72.4         | 3,357.0                    | 358.76                 |  |
| 12,498.0                       | 91.40      | 2.00                 | 8,739.3       | 3,452.2       | -69.2         | 3,452.9                    | 358.85                 |  |
| 12,594.0                       | 90.20      | 2.50                 | 8,738.0       | 3,548.1       | -65.4         | 3,548.7                    | 358.94                 |  |
| 12,689.0                       | 89.70      | 1.70                 | 8,738.0       | 3,643.0       | -62.0         | 3,643.5                    | 359.03                 |  |
| 12,784.0                       | 89.20      | 0.10                 | 8,739.0       | 3,738.0       | -60.5         | 3,738.5                    | 359.07                 |  |
| 12,880.0                       | 90.00      | 359.20               | 8,739.6       | 3,834.0       | -61.1         | 3,834.5                    | 359.09                 |  |
| 12,975.0                       | 90.80      | 358.80               | 8,739.0       | 3,929.0       | -62.7         | 3,929.5                    | 359.09                 |  |
| 13,070.0                       | 87.40      | 356.90               | 8,740.5       | 4,023.9       | -66.3         | 4,024.4                    | 359.06                 |  |
| 13,165.0                       | 88.10      | 356.60               | 8,744.2       | 4,118.6       | -71.7         | 4,119.3                    | 359.00                 |  |
| 13,259.0                       | 89.80      | 0.60                 | 8,745.9       | 4,212.6       | -74.0         | 4,213.2                    | 358.99                 |  |
| 13,354.0                       | 91.50      | 0.80                 | 8,744.8       | 4,307.6       | -72.8         | 4,308.2                    | 359.03                 |  |
| 13,451.0                       | 91.30      | 359.90               | 8,742.5       | 4,404.5       | -72.2         | 4,405.1                    | 359.06                 |  |
| 13,545.0                       | 90.90      | 359.70               | 8,740.7       | 4,498.5       | -72.5         | 4,499.1                    | 359.08                 |  |
| 13,640.0                       | 88.70      | 359.70               | 8,741.0       | 4,593.5       | -73.0         | 4,594.1                    | 359.09                 |  |
| 13,735.0                       | 91.40      | 1.10                 | 8,740.9       | 4,688.5       | -72.4         | 4,689.0                    | 359.12                 |  |
| 13,830.0                       | 89.00      | 0.40                 | 8,740.6       | 4,783.5       | -71.1         | 4,784.0                    | 359.15                 |  |
| 13,926.0                       | 91.60      | 1.50                 | 8,740.1       | 4,879.4       | -69.5         | 4,879.9                    | 359.18                 |  |
| 14,022.0                       | 93.50      | 1.30                 | 8,735.8       | 4,975.3       | -67.2         | 4,975.8                    | 359.23                 |  |
| 14,087.0                       | 94.40      | 1.10                 | 8,731.3       | 5,040.2       | -65.8         | 5,040.6                    | 359.25                 |  |
| 14,135.0                       | 94.40      | 1.10                 | 8,727.6       | 5,088.0       | -64.9         | 5,088.4                    | 359.27                 |  |
| TD @ 14135.0' MD / 8727.6' TVD |            |                      |               |               |               |                            |                        |  |

| Design Annotations          |                             |                   |                 |                                       |
|-----------------------------|-----------------------------|-------------------|-----------------|---------------------------------------|
| Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Local Coordinates |                 | Comment                               |
|                             |                             | +N/-S<br>(usft)   | +E/-W<br>(usft) |                                       |
| 7,998.0                     | 7,957.5                     | -564.3            | -33.9           | MWD Tie-in @ 7998.0' MD / 7957.5' TVD |
| 14,135.0                    | 8,727.6                     | 5,088.0           | -64.9           | TD @ 14135.0' MD / 8727.6' TVD        |



## **XTO ENERGY, INC.**

**Eddy County, NM**

**Sec 4, T25S, R29E**

**Corral Canyon Federal #08H**

**Wellbore #1**

**Design: Wellbore #1**

## **QES Survey Report**

**27 February, 2019**





## Survey Report



|                  |                            |                                     |                                          |
|------------------|----------------------------|-------------------------------------|------------------------------------------|
| <b>Company:</b>  | XTO ENERGY, INC.           | <b>Local Co-ordinate Reference:</b> | Well Corral Canyon Federal #08H          |
| <b>Project:</b>  | Eddy County, NM            | <b>TVD Reference:</b>               | RKB (GL+27') @ 3025.0usft (Frontier #27) |
| <b>Site:</b>     | Sec 4, T25S, R29E          | <b>MD Reference:</b>                | RKB (GL+27') @ 3025.0usft (Frontier #27) |
| <b>Well:</b>     | Corral Canyon Federal #08H | <b>North Reference:</b>             | Grid                                     |
| <b>Wellbore:</b> | Wellbore #1                | <b>Survey Calculation Method:</b>   | Minimum Curvature                        |
| <b>Design:</b>   | Wellbore #1                | <b>Database:</b>                    | EDM 5000.1 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                 |                      |                |

|                              |                   |                          |                   |
|------------------------------|-------------------|--------------------------|-------------------|
| <b>Site</b>                  | Sec 4, T25S, R29E |                          |                   |
| <b>Site Position:</b>        |                   | <b>Northing:</b>         | 419,294.20 usft   |
| <b>From:</b>                 | Map               | <b>Easting:</b>          | 608,673.40 usft   |
| <b>Position Uncertainty:</b> | 0.0 usft          | <b>Slot Radius:</b>      | 13-3/16 "         |
|                              |                   | <b>Latitude:</b>         | 32° 9' 8.170 N    |
|                              |                   | <b>Longitude:</b>        | 103° 58' 55.875 W |
|                              |                   | <b>Grid Convergence:</b> | 0.19 °            |

|                             |                            |          |                            |
|-----------------------------|----------------------------|----------|----------------------------|
| <b>Well</b>                 | Corral Canyon Federal #08H |          |                            |
| <b>Well Position</b>        | <b>+N/-S</b>               | 0.0 usft | <b>Northing:</b>           |
|                             | <b>+E/-W</b>               | 0.0 usft | <b>Easting:</b>            |
| <b>Position Uncertainty</b> | 0.0 usft                   |          | <b>Wellhead Elevation:</b> |
|                             |                            |          | <b>Latitude:</b>           |
|                             |                            |          | <b>Longitude:</b>          |
|                             |                            |          | <b>Ground Level:</b>       |

|                  |                   |                    |                       |
|------------------|-------------------|--------------------|-----------------------|
| <b>Wellbore</b>  | Wellbore #1       |                    |                       |
| <b>Magnetics</b> | <b>Model Name</b> | <b>Sample Date</b> | <b>Declination</b>    |
|                  |                   |                    | (°)                   |
|                  | IGRF2015          | 2/13/2019          | 6.96                  |
|                  |                   |                    | <b>Dip Angle</b>      |
|                  |                   |                    | (°)                   |
|                  |                   |                    | 59.91                 |
|                  |                   |                    | <b>Field Strength</b> |
|                  |                   |                    | (nT)                  |
|                  |                   |                    | 47,684.69173123       |

|                          |                         |                      |                  |
|--------------------------|-------------------------|----------------------|------------------|
| <b>Design</b>            | Wellbore #1             |                      |                  |
| <b>Audit Notes:</b>      |                         |                      |                  |
| <b>Version:</b>          | 1.0                     | <b>Phase:</b>        | ACTUAL           |
|                          |                         | <b>Tie On Depth:</b> | 0.0              |
| <b>Vertical Section:</b> | <b>Depth From (TVD)</b> | <b>+N/-S</b>         | <b>+E/-W</b>     |
|                          | (usft)                  | (usft)               | (usft)           |
|                          | 0.0                     | 0.0                  | 0.0              |
|                          |                         |                      | <b>Direction</b> |
|                          |                         |                      | (°)              |
|                          |                         |                      | 359.64           |

|                       |             |                                 |                  |                     |
|-----------------------|-------------|---------------------------------|------------------|---------------------|
| <b>Survey Program</b> | <b>Date</b> | 2/27/2019                       |                  |                     |
| <b>From</b>           | <b>To</b>   | <b>Survey (Wellbore)</b>        | <b>Tool Name</b> | <b>Description</b>  |
| (usft)                | (usft)      |                                 |                  |                     |
| 126.0                 | 7,998.0     | DigiDrill Surveys (Wellbore #1) | MWD              | OWSG MWD - Standard |
| 8,029.0               | 14,135.0    | QES MWD Surveys (Wellbore #1)   | MWD              | OWSG MWD - Standard |

|                 |                    |                |                 |               |               |                 |                    |                    |                    |  |
|-----------------|--------------------|----------------|-----------------|---------------|---------------|-----------------|--------------------|--------------------|--------------------|--|
| <b>Survey</b>   |                    |                |                 |               |               |                 |                    |                    |                    |  |
| <b>Measured</b> | <b>Inclination</b> | <b>Azimuth</b> | <b>Vertical</b> | <b>+N/-S</b>  | <b>+E/-W</b>  | <b>Vertical</b> | <b>Dogleg</b>      | <b>Build</b>       | <b>Turn</b>        |  |
| <b>Depth</b>    | <b>(°)</b>         | <b>(°)</b>     | <b>Depth</b>    | <b>(usft)</b> | <b>(usft)</b> | <b>Section</b>  | <b>Rate</b>        | <b>Rate</b>        | <b>Rate</b>        |  |
| <b>(usft)</b>   |                    |                | <b>(usft)</b>   |               |               | <b>(usft)</b>   | <b>(°/100usft)</b> | <b>(°/100usft)</b> | <b>(°/100usft)</b> |  |
| 0.0             | 0.00               | 0.00           | 0.0             | 0.0           | 0.0           | 0.0             | 0.00               | 0.00               | 0.00               |  |
| 126.0           | 0.80               | 300.90         | 126.0           | 0.5           | -0.8          | 0.5             | 0.63               | 0.63               | 0.00               |  |
| 195.0           | 0.60               | 275.10         | 195.0           | 0.7           | -1.5          | 0.7             | 0.53               | -0.29              | -37.39             |  |
| 283.0           | 1.20               | 220.30         | 283.0           | 0.1           | -2.6          | 0.1             | 1.12               | 0.68               | -62.27             |  |
| 369.0           | 1.30               | 228.20         | 369.0           | -1.3          | -3.9          | -1.2            | 0.23               | 0.12               | 9.19               |  |
| 458.0           | 2.20               | 242.90         | 457.9           | -2.7          | -6.2          | -2.7            | 1.12               | 1.01               | 16.52              |  |
| 529.0           | 2.20               | 249.60         | 528.9           | -3.8          | -8.7          | -3.8            | 0.36               | 0.00               | 9.44               |  |
| 645.0           | 2.70               | 255.20         | 644.8           | -5.3          | -13.4         | -5.2            | 0.48               | 0.43               | 4.83               |  |
| 707.0           | 2.00               | 258.10         | 706.7           | -5.9          | -15.9         | -5.8            | 1.14               | -1.13              | 4.68               |  |
| 802.0           | 1.50               | 255.10         | 801.7           | -6.5          | -18.7         | -6.4            | 0.53               | -0.53              | -3.16              |  |



## Survey Report



|                  |                            |                                     |                                          |
|------------------|----------------------------|-------------------------------------|------------------------------------------|
| <b>Company:</b>  | XTO ENERGY, INC.           | <b>Local Co-ordinate Reference:</b> | Well Corral Canyon Federal #08H          |
| <b>Project:</b>  | Eddy County, NM            | <b>TVD Reference:</b>               | RKB (GL+27') @ 3025.0usft (Frontier #27) |
| <b>Site:</b>     | Sec 4, T25S, R29E          | <b>MD Reference:</b>                | RKB (GL+27') @ 3025.0usft (Frontier #27) |
| <b>Well:</b>     | Corral Canyon Federal #08H | <b>North Reference:</b>             | Grid                                     |
| <b>Wellbore:</b> | Wellbore #1                | <b>Survey Calculation Method:</b>   | Minimum Curvature                        |
| <b>Design:</b>   | Wellbore #1                | <b>Database:</b>                    | EDM 5000.1 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) |
| 899.0                 | 1.60            | 257.40      | 898.6                 | -7.2         | -21.2        | -7.0                    | 0.12                    | 0.10                   | 2.37                  |
| 995.0                 | 1.60            | 201.20      | 994.6                 | -8.7         | -23.0        | -8.6                    | 1.57                    | 0.00                   | -58.54                |
| 1,090.0               | 1.80            | 264.90      | 1,089.6               | -10.1        | -25.0        | -9.9                    | 1.90                    | 0.21                   | 67.05                 |
| 1,186.0               | 1.90            | 266.30      | 1,185.5               | -10.3        | -28.1        | -10.1                   | 0.11                    | 0.10                   | 1.46                  |
| 1,281.0               | 2.20            | 265.50      | 1,280.5               | -10.6        | -31.5        | -10.4                   | 0.32                    | 0.32                   | -0.84                 |
| 1,376.0               | 2.60            | 266.10      | 1,375.4               | -10.9        | -35.4        | -10.6                   | 0.42                    | 0.42                   | 0.63                  |
| 1,471.0               | 1.10            | 277.00      | 1,470.3               | -10.9        | -38.5        | -10.6                   | 1.61                    | -1.58                  | 11.47                 |
| 1,567.0               | 1.00            | 281.20      | 1,566.3               | -10.6        | -40.2        | -10.4                   | 0.13                    | -0.10                  | 4.38                  |
| 1,663.0               | 1.00            | 288.80      | 1,662.3               | -10.2        | -41.8        | -9.9                    | 0.14                    | 0.00                   | 7.92                  |
| 1,758.0               | 1.20            | 290.50      | 1,757.3               | -9.6         | -43.6        | -9.3                    | 0.21                    | 0.21                   | 1.79                  |
| 1,851.0               | 1.60            | 302.80      | 1,850.2               | -8.5         | -45.6        | -8.2                    | 0.54                    | 0.43                   | 13.23                 |
| 1,948.0               | 1.60            | 296.50      | 1,947.2               | -7.2         | -47.9        | -6.9                    | 0.18                    | 0.00                   | -6.49                 |
| 2,042.0               | 1.80            | 295.90      | 2,041.2               | -6.0         | -50.4        | -5.6                    | 0.21                    | 0.21                   | -0.64                 |
| 2,136.0               | 2.00            | 349.80      | 2,135.1               | -3.7         | -52.0        | -3.4                    | 1.84                    | 0.21                   | 57.34                 |
| 2,230.0               | 2.20            | 295.60      | 2,229.1               | -1.3         | -53.9        | -1.0                    | 2.04                    | 0.21                   | -57.66                |
| 2,325.0               | 1.80            | 292.20      | 2,324.0               | 0.1          | -57.0        | 0.4                     | 0.44                    | -0.42                  | -3.58                 |
| 2,420.0               | 1.40            | 280.40      | 2,419.0               | 0.8          | -59.5        | 1.2                     | 0.54                    | -0.42                  | -12.42                |
| 2,516.0               | 1.40            | 267.20      | 2,514.9               | 1.0          | -61.8        | 1.4                     | 0.34                    | 0.00                   | -13.75                |
| 2,612.0               | 1.10            | 250.90      | 2,610.9               | 0.6          | -63.9        | 1.0                     | 0.48                    | -0.31                  | -16.98                |
| 2,707.0               | 1.10            | 214.60      | 2,705.9               | -0.4         | -65.2        | 0.0                     | 0.72                    | 0.00                   | -38.21                |
| 2,803.0               | 1.60            | 189.00      | 2,801.9               | -2.5         | -66.0        | -2.1                    | 0.80                    | 0.52                   | -26.67                |
| 2,898.0               | 1.90            | 188.40      | 2,896.8               | -5.4         | -66.4        | -5.0                    | 0.32                    | 0.32                   | -0.63                 |
| 2,994.0               | 1.90            | 192.60      | 2,992.8               | -8.5         | -67.0        | -8.1                    | 0.15                    | 0.00                   | 4.38                  |
| 3,056.0               | 1.90            | 190.40      | 3,054.7               | -10.5        | -67.4        | -10.1                   | 0.12                    | 0.00                   | -3.55                 |
| 3,132.0               | 1.90            | 188.70      | 3,130.7               | -13.0        | -67.8        | -12.6                   | 0.07                    | 0.00                   | -2.24                 |
| 3,228.0               | 2.00            | 150.70      | 3,226.6               | -16.0        | -67.2        | -15.6                   | 1.33                    | 0.10                   | -39.58                |
| 3,323.0               | 2.20            | 143.80      | 3,321.6               | -19.0        | -65.4        | -18.5                   | 0.34                    | 0.21                   | -7.26                 |
| 3,418.0               | 2.40            | 144.70      | 3,416.5               | -22.0        | -63.1        | -21.7                   | 0.21                    | 0.21                   | 0.95                  |
| 3,513.0               | 2.30            | 145.30      | 3,511.4               | -25.2        | -60.9        | -24.9                   | 0.11                    | -0.11                  | 0.63                  |
| 3,608.0               | 2.30            | 145.30      | 3,606.4               | -28.4        | -58.7        | -28.0                   | 0.00                    | 0.00                   | 0.00                  |
| 3,703.0               | 2.20            | 147.00      | 3,701.3               | -31.5        | -56.6        | -31.1                   | 0.13                    | -0.11                  | 1.79                  |
| 3,798.0               | 2.10            | 152.60      | 3,796.2               | -34.5        | -54.9        | -34.2                   | 0.24                    | -0.11                  | 5.89                  |
| 3,894.0               | 2.40            | 163.30      | 3,892.1               | -38.0        | -53.5        | -37.7                   | 0.54                    | 0.31                   | 11.15                 |
| 3,989.0               | 1.40            | 156.00      | 3,987.1               | -41.0        | -52.4        | -40.7                   | 1.08                    | -1.05                  | -7.68                 |
| 4,085.0               | 1.50            | 165.70      | 4,083.1               | -43.3        | -51.6        | -43.0                   | 0.28                    | 0.10                   | 10.10                 |
| 4,180.0               | 1.60            | 161.90      | 4,178.0               | -45.8        | -50.9        | -45.4                   | 0.15                    | 0.11                   | -4.00                 |
| 4,275.0               | 3.20            | 178.30      | 4,272.9               | -49.7        | -50.4        | -49.3                   | 1.82                    | 1.68                   | 17.26                 |
| 4,370.0               | 5.60            | 169.20      | 4,367.6               | -56.9        | -49.5        | -56.6                   | 2.62                    | 2.53                   | -9.58                 |
| 4,465.0               | 8.40            | 168.00      | 4,461.9               | -68.2        | -47.2        | -67.9                   | 2.95                    | 2.95                   | -1.26                 |
| 4,561.0               | 9.40            | 168.10      | 4,556.8               | -82.7        | -44.1        | -82.5                   | 1.04                    | 1.04                   | 0.10                  |
| 4,656.0               | 8.90            | 167.00      | 4,650.6               | -97.5        | -40.8        | -97.2                   | 0.56                    | -0.53                  | -1.16                 |
| 4,750.0               | 8.30            | 169.30      | 4,743.5               | -111.2       | -37.9        | -111.0                  | 0.74                    | -0.64                  | 2.45                  |
| 4,845.0               | 8.90            | 165.10      | 4,837.4               | -125.1       | -34.8        | -124.9                  | 0.91                    | 0.63                   | -4.42                 |



## Survey Report



|                  |                            |                                     |                                          |
|------------------|----------------------------|-------------------------------------|------------------------------------------|
| <b>Company:</b>  | XTO ENERGY, INC.           | <b>Local Co-ordinate Reference:</b> | Well Corral Canyon Federal #08H          |
| <b>Project:</b>  | Eddy County, NM            | <b>TVD Reference:</b>               | RKB (GL+27') @ 3025.0usft (Frontier #27) |
| <b>Site:</b>     | Sec 4, T25S, R29E          | <b>MD Reference:</b>                | RKB (GL+27') @ 3025.0usft (Frontier #27) |
| <b>Well:</b>     | Corral Canyon Federal #08H | <b>North Reference:</b>             | Grid                                     |
| <b>Wellbore:</b> | Wellbore #1                | <b>Survey Calculation Method:</b>   | Minimum Curvature                        |
| <b>Design:</b>   | Wellbore #1                | <b>Database:</b>                    | EDM 5000.1 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) |
| 4,940.0                                      | 8.70            | 167.30      | 4,931.3               | -139.2       | -31.3        | -139.0                  | 0.41                    | -0.21                  | 2.32                  |
| 5,036.0                                      | 9.10            | 168.70      | 5,026.2               | -153.7       | -28.2        | -153.5                  | 0.47                    | 0.42                   | 1.46                  |
| 5,131.0                                      | 8.60            | 170.30      | 5,120.0               | -168.1       | -25.6        | -167.9                  | 0.59                    | -0.53                  | 1.68                  |
| <b>Cross LL@ 5144.6' MD / 5133.5' TVD</b>    |                 |             |                       |              |              |                         |                         |                        |                       |
| 5,144.6                                      | 8.65            | 169.46      | 5,133.5               | -170.1       | -25.2        | -169.9                  | 1.00                    | 0.39                   | -6.14                 |
| 5,224.0                                      | 9.00            | 164.80      | 5,211.9               | -182.0       | -22.5        | -181.8                  | 1.00                    | 0.44                   | -5.88                 |
| 5,320.0                                      | 8.80            | 169.60      | 5,306.8               | -196.4       | -19.2        | -196.3                  | 0.80                    | -0.21                  | 5.00                  |
| 5,414.0                                      | 9.20            | 174.90      | 5,399.6               | -211.0       | -17.2        | -210.9                  | 0.98                    | 0.43                   | 5.64                  |
| 5,510.0                                      | 9.00            | 177.30      | 5,494.4               | -226.1       | -16.2        | -226.0                  | 0.45                    | -0.21                  | 2.50                  |
| 5,605.0                                      | 9.20            | 182.10      | 5,588.2               | -241.1       | -16.1        | -241.0                  | 0.83                    | 0.21                   | 5.05                  |
| 5,700.0                                      | 9.20            | 181.10      | 5,682.0               | -256.3       | -16.5        | -256.2                  | 0.17                    | 0.00                   | -1.05                 |
| 5,795.0                                      | 8.90            | 183.30      | 5,775.8               | -271.3       | -17.1        | -271.1                  | 0.48                    | -0.32                  | 2.32                  |
| 5,891.0                                      | 8.80            | 181.60      | 5,870.7               | -286.0       | -17.7        | -285.9                  | 0.29                    | -0.10                  | -1.77                 |
| 5,985.0                                      | 10.20           | 185.10      | 5,963.4               | -301.5       | -18.7        | -301.4                  | 1.61                    | 1.49                   | 3.72                  |
| 6,081.0                                      | 10.10           | 184.50      | 6,057.9               | -318.3       | -20.1        | -318.2                  | 0.15                    | -0.10                  | -0.63                 |
| 6,174.0                                      | 10.00           | 183.70      | 6,149.5               | -334.5       | -21.3        | -334.4                  | 0.18                    | -0.11                  | -0.86                 |
| 6,269.0                                      | 10.00           | 182.40      | 6,243.0               | -351.0       | -22.1        | -350.9                  | 0.24                    | 0.00                   | -1.37                 |
| 6,363.0                                      | 9.40            | 183.60      | 6,335.7               | -366.8       | -23.0        | -366.7                  | 0.67                    | -0.64                  | 1.28                  |
| 6,458.0                                      | 9.30            | 185.40      | 6,429.4               | -382.2       | -24.2        | -382.0                  | 0.33                    | -0.11                  | 1.89                  |
| 6,553.0                                      | 8.80            | 184.30      | 6,523.2               | -397.1       | -25.4        | -396.9                  | 0.56                    | -0.53                  | -1.16                 |
| 6,649.0                                      | 8.90            | 179.60      | 6,618.1               | -411.8       | -25.9        | -411.7                  | 0.76                    | 0.10                   | -4.90                 |
| 6,744.0                                      | 8.60            | 182.50      | 6,712.0               | -426.3       | -26.2        | -426.1                  | 0.56                    | -0.32                  | 3.05                  |
| 6,843.0                                      | 8.30            | 184.00      | 6,809.9               | -440.8       | -27.0        | -440.6                  | 0.38                    | -0.30                  | 1.52                  |
| 6,933.0                                      | 10.20           | 186.30      | 6,898.7               | -455.2       | -28.3        | -455.0                  | 2.15                    | 2.11                   | 2.56                  |
| 7,028.0                                      | 9.10            | 180.50      | 6,992.4               | -471.1       | -29.3        | -470.9                  | 1.54                    | -1.16                  | -6.11                 |
| 7,124.0                                      | 6.70            | 185.10      | 7,087.5               | -484.3       | -29.9        | -484.1                  | 2.58                    | -2.50                  | 4.79                  |
| 7,219.0                                      | 4.70            | 188.00      | 7,182.0               | -493.6       | -30.9        | -493.4                  | 2.13                    | -2.11                  | 3.05                  |
| 7,314.0                                      | 3.60            | 191.90      | 7,276.7               | -500.4       | -32.1        | -500.2                  | 1.19                    | -1.16                  | 4.11                  |
| 7,409.0                                      | 3.70            | 189.50      | 7,371.6               | -506.4       | -33.2        | -506.1                  | 0.19                    | 0.11                   | -2.53                 |
| 7,503.0                                      | 4.20            | 182.30      | 7,465.3               | -512.8       | -33.8        | -512.6                  | 0.75                    | 0.53                   | -7.66                 |
| 7,599.0                                      | 3.70            | 186.30      | 7,561.1               | -519.4       | -34.3        | -519.1                  | 0.59                    | -0.52                  | 4.17                  |
| 7,695.0                                      | 6.30            | 180.40      | 7,656.7               | -527.7       | -34.7        | -527.5                  | 2.76                    | 2.71                   | -6.15                 |
| 7,790.0                                      | 7.00            | 178.20      | 7,751.1               | -538.7       | -34.6        | -538.5                  | 0.78                    | 0.74                   | -2.32                 |
| 7,884.0                                      | 7.10            | 177.60      | 7,844.4               | -550.2       | -34.1        | -550.0                  | 0.13                    | 0.11                   | -0.64                 |
| 7,980.0                                      | 7.10            | 180.30      | 7,939.6               | -562.1       | -33.9        | -561.9                  | 0.35                    | 0.00                   | 2.81                  |
| <b>MWD Tie-in @ 7998.0' MD / 7957.5' TVD</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 7,998.0                                      | 6.80            | 179.00      | 7,957.5               | -564.3       | -33.9        | -564.1                  | 1.88                    | -1.67                  | -7.22                 |
| 8,029.0                                      | 7.00            | 177.10      | 7,988.3               | -568.0       | -33.8        | -567.8                  | 0.98                    | 0.65                   | -6.13                 |
| 8,076.0                                      | 4.70            | 170.90      | 8,035.0               | -572.8       | -33.3        | -572.5                  | 5.07                    | -4.89                  | -13.19                |
| 8,125.0                                      | 1.10            | 102.00      | 8,084.0               | -574.9       | -32.5        | -574.6                  | 9.03                    | -7.35                  | -140.61               |
| 8,172.0                                      | 5.80            | 11.50       | 8,130.9               | -572.6       | -31.6        | -572.4                  | 12.58                   | 10.00                  | -192.55               |
| 8,220.0                                      | 11.30           | 5.00        | 8,178.3               | -565.5       | -30.7        | -565.3                  | 11.62                   | 11.46                  | -13.54                |
| 8,267.0                                      | 16.00           | 3.80        | 8,224.0               | -554.5       | -29.9        | -554.3                  | 10.02                   | 10.00                  | -2.55                 |
| 8,315.0                                      | 20.00           | 3.80        | 8,269.6               | -539.7       | -28.9        | -539.5                  | 8.33                    | 8.33                   | 0.00                  |



## Survey Report



|                  |                            |                                     |                                          |
|------------------|----------------------------|-------------------------------------|------------------------------------------|
| <b>Company:</b>  | XTO ENERGY, INC.           | <b>Local Co-ordinate Reference:</b> | Well Corral Canyon Federal #08H          |
| <b>Project:</b>  | Eddy County, NM            | <b>TVD Reference:</b>               | RKB (GL+27') @ 3025.0usft (Frontier #27) |
| <b>Site:</b>     | Sec 4, T25S, R29E          | <b>MD Reference:</b>                | RKB (GL+27') @ 3025.0usft (Frontier #27) |
| <b>Well:</b>     | Corral Canyon Federal #08H | <b>North Reference:</b>             | Grid                                     |
| <b>Wellbore:</b> | Wellbore #1                | <b>Survey Calculation Method:</b>   | Minimum Curvature                        |
| <b>Design:</b>   | Wellbore #1                | <b>Database:</b>                    | EDM 5000.1 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) |
| 8,362.0                                   | 22.80           | 2.70        | 8,313.4               | -522.6       | -28.0        | -522.4                  | 6.02                    | 5.96                   | -2.34                 |
| 8,410.0                                   | 26.70           | 1.70        | 8,357.0               | -502.5       | -27.2        | -502.3                  | 8.17                    | 8.13                   | -2.08                 |
| 8,457.0                                   | 31.70           | 358.30      | 8,398.0               | -479.6       | -27.3        | -479.4                  | 11.20                   | 10.64                  | -7.23                 |
| 8,504.0                                   | 35.80           | 355.70      | 8,437.1               | -453.5       | -28.7        | -453.3                  | 9.25                    | 8.72                   | -5.53                 |
| 8,551.0                                   | 40.20           | 355.30      | 8,474.1               | -424.7       | -30.9        | -424.5                  | 9.38                    | 9.36                   | -0.85                 |
| 8,598.0                                   | 44.70           | 357.10      | 8,508.8               | -393.0       | -33.0        | -392.8                  | 9.92                    | 9.57                   | 3.83                  |
| 8,645.0                                   | 49.90           | 358.30      | 8,540.6               | -358.5       | -34.4        | -358.3                  | 11.22                   | 11.06                  | 2.55                  |
| 8,694.0                                   | 54.70           | 359.20      | 8,570.6               | -319.8       | -35.2        | -319.6                  | 9.90                    | 9.80                   | 1.84                  |
| 8,741.0                                   | 58.90           | 359.90      | 8,596.3               | -280.5       | -35.5        | -280.2                  | 9.02                    | 8.94                   | 1.49                  |
| 8,790.0                                   | 63.00           | 359.60      | 8,620.1               | -237.6       | -35.7        | -237.4                  | 8.38                    | 8.37                   | -0.61                 |
| 8,837.0                                   | 67.00           | 359.40      | 8,640.0               | -195.1       | -36.1        | -194.8                  | 8.52                    | 8.51                   | -0.43                 |
| <b>Cross LL@ 8863.9' MD / 8650.2' TVD</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 8,863.9                                   | 68.49           | 359.52      | 8,650.2               | -170.2       | -36.3        | -169.9                  | 5.55                    | 5.53                   | 0.43                  |
| 8,884.0                                   | 69.60           | 359.60      | 8,657.3               | -151.4       | -36.5        | -151.2                  | 5.55                    | 5.53                   | 0.42                  |
| 8,931.0                                   | 70.00           | 0.10        | 8,673.6               | -107.3       | -36.6        | -107.1                  | 1.31                    | 0.85                   | 1.06                  |
| 8,980.0                                   | 73.80           | 359.70      | 8,688.8               | -60.7        | -36.7        | -60.5                   | 7.79                    | 7.76                   | -0.82                 |
| 9,027.0                                   | 77.70           | 359.20      | 8,700.4               | -15.2        | -37.1        | -14.9                   | 8.36                    | 8.30                   | -1.06                 |
| 9,076.0                                   | 80.90           | 359.40      | 8,709.5               | 33.0         | -37.7        | 33.2                    | 6.54                    | 6.53                   | 0.41                  |
| 9,123.0                                   | 85.10           | 357.40      | 8,715.2               | 79.6         | -39.0        | 79.8                    | 9.88                    | 8.94                   | -4.26                 |
| 9,171.0                                   | 88.60           | 358.50      | 8,717.8               | 127.5        | -40.7        | 127.7                   | 7.64                    | 7.29                   | 2.29                  |
| 9,264.0                                   | 91.30           | 357.40      | 8,717.9               | 220.4        | -44.0        | 220.7                   | 3.13                    | 2.90                   | -1.18                 |
| 9,359.0                                   | 89.30           | 358.10      | 8,717.4               | 315.3        | -47.8        | 315.6                   | 2.23                    | -2.11                  | 0.74                  |
| 9,451.0                                   | 87.70           | 359.20      | 8,719.8               | 407.3        | -49.9        | 407.6                   | 2.11                    | -1.74                  | 1.20                  |
| 9,547.0                                   | 90.40           | 359.60      | 8,721.4               | 503.2        | -50.9        | 503.5                   | 2.84                    | 2.81                   | 0.42                  |
| 9,642.0                                   | 89.30           | 0.60        | 8,721.7               | 598.2        | -50.8        | 598.5                   | 1.56                    | -1.16                  | 1.05                  |
| 9,737.0                                   | 90.90           | 359.60      | 8,721.5               | 693.2        | -50.6        | 693.5                   | 1.99                    | 1.68                   | -1.05                 |
| <b>FTP @ 9742.7' MD / 8721.4' TVD</b>     |                 |             |                       |              |              |                         |                         |                        |                       |
| 9,742.7                                   | 90.81           | 359.58      | 8,721.4               | 698.9        | -50.6        | 699.2                   | 1.63                    | -1.58                  | -0.42                 |
| 9,832.0                                   | 89.40           | 359.20      | 8,721.2               | 788.2        | -51.6        | 788.5                   | 1.63                    | -1.58                  | -0.42                 |
| 9,927.0                                   | 90.40           | 358.80      | 8,721.4               | 883.2        | -53.3        | 883.5                   | 1.13                    | 1.05                   | -0.42                 |
| 10,020.0                                  | 88.80           | 358.80      | 8,722.1               | 976.2        | -55.2        | 976.5                   | 1.72                    | -1.72                  | 0.00                  |
| 10,115.0                                  | 90.40           | 358.30      | 8,722.7               | 1,071.1      | -57.6        | 1,071.5                 | 1.76                    | 1.68                   | -0.53                 |
| 10,211.0                                  | 88.40           | 358.00      | 8,723.7               | 1,167.1      | -60.7        | 1,167.4                 | 2.11                    | -2.08                  | -0.31                 |
| 10,306.0                                  | 90.00           | 357.80      | 8,725.1               | 1,262.0      | -64.2        | 1,262.4                 | 1.70                    | 1.68                   | -0.21                 |
| 10,401.0                                  | 91.50           | 357.60      | 8,723.8               | 1,356.9      | -68.0        | 1,357.3                 | 1.59                    | 1.58                   | -0.21                 |
| 10,495.0                                  | 90.30           | 358.10      | 8,722.3               | 1,450.8      | -71.5        | 1,451.3                 | 1.38                    | -1.28                  | 0.53                  |
| 10,591.0                                  | 92.00           | 357.80      | 8,720.4               | 1,546.7      | -75.0        | 1,547.2                 | 1.80                    | 1.77                   | -0.31                 |
| 10,686.0                                  | 89.40           | 358.50      | 8,719.2               | 1,641.7      | -78.0        | 1,642.1                 | 2.83                    | -2.74                  | 0.74                  |
| 10,780.0                                  | 91.10           | 358.10      | 8,718.8               | 1,735.6      | -80.8        | 1,736.1                 | 1.86                    | 1.81                   | -0.43                 |
| 10,876.0                                  | 89.10           | 359.00      | 8,718.7               | 1,831.6      | -83.2        | 1,832.1                 | 2.28                    | -2.08                  | 0.94                  |
| 10,972.0                                  | 90.40           | 358.50      | 8,719.1               | 1,927.6      | -85.3        | 1,928.1                 | 1.45                    | 1.35                   | -0.52                 |
| 11,066.0                                  | 92.70           | 358.30      | 8,716.5               | 2,021.5      | -88.0        | 2,022.0                 | 2.46                    | 2.45                   | -0.21                 |
| 11,163.0                                  | 89.10           | 359.20      | 8,715.0               | 2,118.4      | -90.1        | 2,119.0                 | 3.83                    | -3.71                  | 0.93                  |



## Survey Report



|                  |                            |                                     |                                          |
|------------------|----------------------------|-------------------------------------|------------------------------------------|
| <b>Company:</b>  | XTO ENERGY, INC.           | <b>Local Co-ordinate Reference:</b> | Well Corral Canyon Federal #08H          |
| <b>Project:</b>  | Eddy County, NM            | <b>TVD Reference:</b>               | RKB (GL+27') @ 3025.0usft (Frontier #27) |
| <b>Site:</b>     | Sec 4, T25S, R29E          | <b>MD Reference:</b>                | RKB (GL+27') @ 3025.0usft (Frontier #27) |
| <b>Well:</b>     | Corral Canyon Federal #08H | <b>North Reference:</b>             | Grid                                     |
| <b>Wellbore:</b> | Wellbore #1                | <b>Survey Calculation Method:</b>   | Minimum Curvature                        |
| <b>Design:</b>   | Wellbore #1                | <b>Database:</b>                    | EDM 5000.1 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) |  |
| 11,258.0                               | 85.00           | 0.30        | 8,719.9               | 2,213.3      | -90.5        | 2,213.8                 | 4.47                    | -4.32                  | 1.16                  |  |
| 11,354.0                               | 86.30           | 0.10        | 8,727.2               | 2,309.0      | -90.2        | 2,309.5                 | 1.37                    | 1.35                   | -0.21                 |  |
| 11,450.0                               | 87.60           | 359.60      | 8,732.3               | 2,404.9      | -90.4        | 2,405.4                 | 1.45                    | 1.35                   | -0.52                 |  |
| 11,546.0                               | 88.40           | 358.50      | 8,735.6               | 2,500.8      | -92.0        | 2,501.3                 | 1.42                    | 0.83                   | -1.15                 |  |
| 11,641.0                               | 92.10           | 359.70      | 8,735.2               | 2,595.8      | -93.5        | 2,596.3                 | 4.09                    | 3.89                   | 1.26                  |  |
| 11,737.0                               | 87.80           | 359.40      | 8,735.3               | 2,691.7      | -94.2        | 2,692.3                 | 4.49                    | -4.48                  | -0.31                 |  |
| 11,833.0                               | 89.10           | 1.10        | 8,737.9               | 2,787.7      | -93.8        | 2,788.2                 | 2.23                    | 1.35                   | 1.77                  |  |
| 11,928.0                               | 88.50           | 3.10        | 8,739.9               | 2,882.6      | -90.3        | 2,883.1                 | 2.20                    | -0.63                  | 2.11                  |  |
| 12,023.0                               | 89.90           | 2.70        | 8,741.2               | 2,977.5      | -85.5        | 2,978.0                 | 1.53                    | 1.47                   | -0.42                 |  |
| 12,117.0                               | 90.70           | 2.40        | 8,740.7               | 3,071.4      | -81.4        | 3,071.8                 | 0.91                    | 0.85                   | -0.32                 |  |
| 12,212.0                               | 90.30           | 1.80        | 8,739.9               | 3,166.3      | -77.9        | 3,166.7                 | 0.76                    | -0.42                  | -0.63                 |  |
| 12,306.0                               | 88.80           | 1.50        | 8,740.6               | 3,260.3      | -75.2        | 3,260.7                 | 1.63                    | -1.60                  | -0.32                 |  |
| 12,402.0                               | 90.70           | 1.80        | 8,741.1               | 3,356.2      | -72.4        | 3,356.6                 | 2.00                    | 1.98                   | 0.31                  |  |
| 12,498.0                               | 91.40           | 2.00        | 8,739.3               | 3,452.2      | -69.2        | 3,452.5                 | 0.76                    | 0.73                   | 0.21                  |  |
| 12,594.0                               | 90.20           | 2.50        | 8,738.0               | 3,548.1      | -65.4        | 3,548.4                 | 1.35                    | -1.25                  | 0.52                  |  |
| 12,689.0                               | 89.70           | 1.70        | 8,738.0               | 3,643.0      | -62.0        | 3,643.3                 | 0.99                    | -0.53                  | -0.84                 |  |
| 12,784.0                               | 89.20           | 0.10        | 8,739.0               | 3,738.0      | -60.5        | 3,738.3                 | 1.76                    | -0.53                  | -1.68                 |  |
| 12,880.0                               | 90.00           | 359.20      | 8,739.6               | 3,834.0      | -61.1        | 3,834.3                 | 1.25                    | 0.83                   | -0.94                 |  |
| 12,975.0                               | 90.80           | 358.80      | 8,739.0               | 3,929.0      | -62.7        | 3,929.3                 | 0.94                    | 0.84                   | -0.42                 |  |
| 13,070.0                               | 87.40           | 356.90      | 8,740.5               | 4,023.9      | -66.3        | 4,024.2                 | 4.10                    | -3.58                  | -2.00                 |  |
| 13,165.0                               | 88.10           | 356.60      | 8,744.2               | 4,118.6      | -71.7        | 4,119.0                 | 0.80                    | 0.74                   | -0.32                 |  |
| 13,259.0                               | 89.80           | 0.60        | 8,745.9               | 4,212.6      | -74.0        | 4,213.0                 | 4.62                    | 1.81                   | 4.26                  |  |
| 13,354.0                               | 91.50           | 0.80        | 8,744.8               | 4,307.6      | -72.8        | 4,307.9                 | 1.80                    | 1.79                   | 0.21                  |  |
| 13,451.0                               | 91.30           | 359.90      | 8,742.5               | 4,404.5      | -72.2        | 4,404.9                 | 0.95                    | -0.21                  | -0.93                 |  |
| 13,545.0                               | 90.90           | 359.70      | 8,740.7               | 4,498.5      | -72.5        | 4,498.9                 | 0.48                    | -0.43                  | -0.21                 |  |
| 13,640.0                               | 88.70           | 359.70      | 8,741.0               | 4,593.5      | -73.0        | 4,593.9                 | 2.32                    | -2.32                  | 0.00                  |  |
| 13,735.0                               | 91.40           | 1.10        | 8,740.9               | 4,688.5      | -72.4        | 4,688.9                 | 3.20                    | 2.84                   | 1.47                  |  |
| 13,830.0                               | 89.00           | 0.40        | 8,740.6               | 4,783.5      | -71.1        | 4,783.8                 | 2.63                    | -2.53                  | -0.74                 |  |
| <b>LTP @ 13855.0' MD / 8740.9' TVD</b> |                 |             |                       |              |              |                         |                         |                        |                       |  |
| 13,855.0                               | 89.68           | 0.69        | 8,740.9               | 4,808.5      | -70.9        | 4,808.8                 | 2.94                    | 2.71                   | 1.15                  |  |
| 13,926.0                               | 91.60           | 1.50        | 8,740.1               | 4,879.4      | -69.5        | 4,879.8                 | 2.94                    | 2.71                   | 1.15                  |  |
| 14,022.0                               | 93.50           | 1.30        | 8,735.8               | 4,975.3      | -67.2        | 4,975.6                 | 1.99                    | 1.98                   | -0.21                 |  |
| 14,087.0                               | 94.40           | 1.10        | 8,731.3               | 5,040.1      | -65.8        | 5,040.5                 | 1.42                    | 1.38                   | -0.31                 |  |
| <b>TD @ 14135.0' MD / 8727.6' TVD</b>  |                 |             |                       |              |              |                         |                         |                        |                       |  |
| 14,135.0                               | 94.40           | 1.10        | 8,727.6               | 5,088.0      | -64.9        | 5,088.3                 | 0.00                    | 0.00                   | 0.00                  |  |



## Survey Report



|                  |                            |                                     |                                          |
|------------------|----------------------------|-------------------------------------|------------------------------------------|
| <b>Company:</b>  | XTO ENERGY, INC.           | <b>Local Co-ordinate Reference:</b> | Well Corral Canyon Federal #08H          |
| <b>Project:</b>  | Eddy County, NM            | <b>TVD Reference:</b>               | RKB (GL+27') @ 3025.0usft (Frontier #27) |
| <b>Site:</b>     | Sec 4, T25S, R29E          | <b>MD Reference:</b>                | RKB (GL+27') @ 3025.0usft (Frontier #27) |
| <b>Well:</b>     | Corral Canyon Federal #08H | <b>North Reference:</b>             | Grid                                     |
| <b>Wellbore:</b> | Wellbore #1                | <b>Survey Calculation Method:</b>   | Minimum Curvature                        |
| <b>Design:</b>   | Wellbore #1                | <b>Database:</b>                    | EDM 5000.1 Single User Db                |

## Design Annotations

| Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Local Coordinates |                 | Comment                               |
|-----------------------------|-----------------------------|-------------------|-----------------|---------------------------------------|
|                             |                             | +N/-S<br>(usft)   | +E/-W<br>(usft) |                                       |
| 5,144.6                     | 5,133.5                     | -170.1            | -25.2           | Cross LL@ 5144.6' MD / 5133.5' TVD    |
| 7,998.0                     | 7,957.5                     | -564.3            | -33.9           | MWD Tie-in @ 7998.0' MD / 7957.5' TVD |
| 8,863.9                     | 8,650.2                     | -170.2            | -36.3           | Cross LL@ 8863.9' MD / 8650.2' TVD    |
| 9,742.7                     | 8,721.4                     | 698.9             | -50.6           | FTP @ 9742.7' MD / 8721.4' TVD        |
| 13,855.0                    | 8,740.9                     | 4,808.5           | -70.9           | LTP @ 13855.0' MD / 8740.9' TVD       |
| 14,135.0                    | 8,727.6                     | 5,088.0           | -64.9           | TD @ 14135.0' MD / 8727.6' TVD        |

**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 Rd., Aztec, NM 87410  
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**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 15893

**CONDITIONS OF APPROVAL**

|                                                                        |        |                |              |
|------------------------------------------------------------------------|--------|----------------|--------------|
| Operator:                                                              | OGRID: | Action Number: | Action Type: |
| XTO ENERGY, INC 6401 Holiday Hill Road<br>Building #5 Midland, TX79707 | 5380   | 15893          | C-104C       |

|              |                                                                                                                                          |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------|
| OCD Reviewer | Condition                                                                                                                                |
| abustamante  | 01/27/2021 Request for NMOCD extension of time to file BLM Approved form 3160-4. File 3160-4 within 10 days to NMOCD after BLM approval. |