



July 24, 2019

Survey Certification Report

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EMNRD-OCD ARTESIA

STATE OF TEXAS

COUNTY OF Montgomery

I, Eric Estes, certify that I am employed by STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C., and that I did on the day(s) of May 11, 2019 through May 24, 2019, conduct or supervise the taking of a SEDS MWD Original Hole Survey from a depth of 4,249feet to a depth of 16,064feet; that I am authorized and qualified to make this report; that this survey was conducted at the request of XTO Energy Inc., for the Big Eddy Unit DI4 #268H well, API #30-015-43283 in Eddy County, New Mexico; and that I have reviewed this report and find that it conforms to the principles as set forth by STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C..

A handwritten signature in black ink, appearing to read "Eric Estes", written over a horizontal line.

Eric Estes

STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C.

STRYKER ENERGY DIRECTIONAL SERVICES, LLC.  
P.O. Box 1250  
Montgomery, TX 77356  
Office (936) 582-7296 \* Fax (936)-588-4163



Ultra Management Services, LLC.  
4702 N. Bryant Blvd.  
San Angelo, TX 76903

Oil Company: XTO Energy Inc.

Referenced Well: Big Eddy Unit D14 268H

API #: 30-015-43283

County: Eddy County, NM

Dates Ran:

Start Date: 5/01/2019

End Date: 5/09/2019

Depths Ran: Surface to 4249'

Surveyor / Supervisor: Heath Andrew

I, Heath Andrew, certify that Ultra Management Services, LLC. supervised the taking of surveys on the above referenced well on the dates stated; that the data is true, correct, complete, and within the limitations of the tool as set forth by Ultra Management Services, LLC; ; that I am authorized and qualified to make this report; that the survey was conducted at the request of XTO Energy Inc; and that I have reviewed this report and find that it conforms to the principles and procedures as set forth by Ultra Management Services, LLC. All Surveys were taken with reference to True North.

A handwritten signature in black ink, consisting of stylized, overlapping loops and lines, positioned above a horizontal line.

Surveyor  
Heath Andrew

# Survey Report Landscape

|                  |                                   |                                     |                                   |
|------------------|-----------------------------------|-------------------------------------|-----------------------------------|
| <b>Company:</b>  | XTO Energy                        | <b>Local Co-ordinate Reference:</b> | Well BEU DI 4 268H                |
| <b>Project:</b>  | Eddy County, NM (NAD27) NMEZ Grid | <b>TVD Reference:</b>               | 3466+18 @ 3484.00usft (P525_268H) |
| <b>Site:</b>     | BIG EDDY UNIT DI 4 267H 268H      | <b>MD Reference:</b>                | 3466+18 @ 3484.00usft (P525_268H) |
| <b>Well:</b>     | BEU DI 4 268H                     | <b>North Reference:</b>             | Grid                              |
| <b>Wellbore:</b> | 268H                              | <b>Survey Calculation Method:</b>   | Minimum Curvature                 |
| <b>Design:</b>   | 268H (AsDrilled)                  | <b>Database:</b>                    | STRYKER_EDM                       |

|                    |                                      |                      |                |
|--------------------|--------------------------------------|----------------------|----------------|
| <b>Project</b>     | Eddy County, NM (NAD27) NMEZ Grid    |                      |                |
| <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>                  | BIG EDDY UNIT DI 4 267H 268H |                          |                 |
| <b>Site Position:</b>        |                              | <b>Northing:</b>         | 582,340.60 usft |
| <b>From:</b>                 | Map                          | <b>Easting:</b>          | 636,814.30 usft |
| <b>Position Uncertainty:</b> | 0.00 usft                    | <b>Slot Radius:</b>      | 13.20 in        |
|                              |                              | <b>Latitude:</b>         | 32.60017381     |
|                              |                              | <b>Longitude:</b>        | -103.88907310   |
|                              |                              | <b>Grid Convergence:</b> | 0.24 °          |

|                             |               |           |                            |
|-----------------------------|---------------|-----------|----------------------------|
| <b>Well</b>                 | BEU DI 4 268H |           |                            |
| <b>Well Position</b>        | <b>+N/-S</b>  | 0.00 usft | <b>Northing:</b>           |
|                             | <b>+E/-W</b>  | 0.00 usft | <b>Easting:</b>            |
| <b>Position Uncertainty</b> | 0.00 usft     |           | <b>Wellhead Elevation:</b> |
|                             |               |           | usft                       |
|                             |               |           | <b>Latitude:</b>           |
|                             |               |           | 32.60017280                |
|                             |               |           | <b>Longitude:</b>          |
|                             |               |           | -103.88894322              |
|                             |               |           | <b>Ground Level:</b>       |
|                             |               |           | 3,466.00 usft              |

|                  |                   |                    |                       |
|------------------|-------------------|--------------------|-----------------------|
| <b>Wellbore</b>  | 268H              |                    |                       |
| <b>Magnetics</b> | <b>Model Name</b> | <b>Sample Date</b> | <b>Declination</b>    |
|                  |                   |                    | (°)                   |
|                  |                   |                    | <b>Dip Angle</b>      |
|                  |                   |                    | (°)                   |
|                  |                   |                    | <b>Field Strength</b> |
|                  |                   |                    | (nT)                  |
|                  | User Defined      | 03/27/19           | 7.25                  |
|                  |                   |                    | 60.29                 |
|                  |                   |                    | 48,026.00000000       |

|                          |                         |                      |                  |
|--------------------------|-------------------------|----------------------|------------------|
| <b>Design</b>            | 268H (AsDrilled)        |                      |                  |
| <b>Audit Notes:</b>      |                         |                      |                  |
| <b>Version:</b>          | 1.0                     | <b>Phase:</b>        | ACTUAL           |
|                          |                         | <b>Tie On Depth:</b> | 0.00             |
| <b>Vertical Section:</b> | <b>Depth From (TVD)</b> | <b>+N/-S</b>         | <b>+E/-W</b>     |
|                          | (usft)                  | (usft)               | (usft)           |
|                          |                         |                      | <b>Direction</b> |
|                          |                         |                      | (°)              |
|                          | 0.00                    | 0.00                 | 0.00             |
|                          |                         |                      | 89.17            |

# Survey Report Landscape

|                  |                                   |                                     |                                   |
|------------------|-----------------------------------|-------------------------------------|-----------------------------------|
| <b>Company:</b>  | XTO Energy                        | <b>Local Co-ordinate Reference:</b> | Well BEU DI 4 268H                |
| <b>Project:</b>  | Eddy County, NM (NAD27) NMEZ Grid | <b>TVD Reference:</b>               | 3466+18 @ 3484.00usft (P525_268H) |
| <b>Site:</b>     | BIG EDDY UNIT DI 4 267H 268H      | <b>MD Reference:</b>                | 3466+18 @ 3484.00usft (P525_268H) |
| <b>Well:</b>     | BEU DI 4 268H                     | <b>North Reference:</b>             | Grid                              |
| <b>Wellbore:</b> | 268H                              | <b>Survey Calculation Method:</b>   | Minimum Curvature                 |
| <b>Design:</b>   | 268H (AsDrilled)                  | <b>Database:</b>                    | STRYKER_EDM                       |

| <b>Survey Program</b> |              | <b>Date</b> 05/28/19 |             |                                            |
|-----------------------|--------------|----------------------|-------------|--------------------------------------------|
| From<br>(usft)        | To<br>(usft) | Survey (Wellbore)    | Tool Name   | Description                                |
| 142.00                | 4,195.00     | Survey #1 (268H)     | MWD         | OWSG MWD - Standard                        |
| 4,195.00              | 16,064.00    | Survey #2 (268H)     | MWD+IFR1+MS | OWSG MWD + IFR1 + Multi-Station Correction |
| 16,126.00             | 16,126.00    | Survey #3 (268H)     | Projection  | Projection                                 |

| 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>(°) | DLeg<br>(°/100ft) | Northing<br>(usft) | Easting<br>(usft) |  |
| 0.00              | 0.00       | 0.00                 | 0.00          | 0.00          | 0.00          | 0.00                       | 0.00                   | 0.00              | 582,340.40         | 636,854.30        |  |
| BEU DI 4 268H SHL |            |                      |               |               |               |                            |                        |                   |                    |                   |  |
| 142.00            | 0.60       | 327.90               | 142.00        | 0.63          | -0.40         | 0.74                       | 327.90                 | 0.42              | 582,341.03         | 636,853.90        |  |
| 203.00            | 0.50       | 350.60               | 202.99        | 1.16          | -0.61         | 1.31                       | 332.39                 | 0.39              | 582,341.56         | 636,853.69        |  |
| 233.00            | 0.60       | 322.90               | 232.99        | 1.42          | -0.72         | 1.59                       | 332.93                 | 0.94              | 582,341.82         | 636,853.58        |  |
| 293.00            | 0.40       | 306.30               | 292.99        | 1.79          | -1.08         | 2.09                       | 328.86                 | 0.41              | 582,342.19         | 636,853.22        |  |
| 353.00            | 0.70       | 324.60               | 352.99        | 2.21          | -1.46         | 2.65                       | 326.54                 | 0.57              | 582,342.61         | 636,852.84        |  |
| 384.00            | 0.80       | 298.20               | 383.99        | 2.47          | -1.76         | 3.04                       | 324.48                 | 1.15              | 582,342.87         | 636,852.54        |  |
| 478.00            | 1.10       | 316.10               | 477.97        | 3.43          | -2.97         | 4.54                       | 319.14                 | 0.45              | 582,343.83         | 636,851.33        |  |
| 568.00            | 1.10       | 317.00               | 567.96        | 4.69          | -4.16         | 6.26                       | 318.43                 | 0.02              | 582,345.09         | 636,850.14        |  |
| 627.00            | 1.50       | 303.60               | 626.94        | 5.53          | -5.19         | 7.58                       | 316.83                 | 0.85              | 582,345.93         | 636,849.11        |  |
| 755.00            | 0.90       | 296.30               | 754.91        | 6.90          | -7.48         | 10.18                      | 312.68                 | 0.48              | 582,347.30         | 636,846.82        |  |
| 845.00            | 0.70       | 307.80               | 844.90        | 7.55          | -8.55         | 11.41                      | 311.44                 | 0.28              | 582,347.95         | 636,845.75        |  |
| 934.00            | 0.40       | 11.00                | 933.90        | 8.19          | -8.92         | 12.11                      | 312.55                 | 0.71              | 582,348.59         | 636,845.38        |  |
| 1,024.00          | 0.20       | 311.60               | 1,023.90      | 8.60          | -8.98         | 12.43                      | 313.77                 | 0.38              | 582,349.00         | 636,845.32        |  |
| 1,113.00          | 0.40       | 117.00               | 1,112.90      | 8.56          | -8.82         | 12.29                      | 314.16                 | 0.67              | 582,348.96         | 636,845.48        |  |
| 1,203.00          | 0.40       | 100.20               | 1,202.90      | 8.36          | -8.23         | 11.73                      | 315.47                 | 0.13              | 582,348.76         | 636,846.07        |  |
| 1,292.00          | 0.50       | 76.30                | 1,291.89      | 8.40          | -7.55         | 11.29                      | 318.07                 | 0.24              | 582,348.80         | 636,846.75        |  |
| 1,382.00          | 0.50       | 84.60                | 1,381.89      | 8.53          | -6.77         | 10.89                      | 321.55                 | 0.08              | 582,348.93         | 636,847.53        |  |
| 1,472.00          | 0.60       | 75.10                | 1,471.89      | 8.69          | -5.93         | 10.52                      | 325.70                 | 0.15              | 582,349.09         | 636,848.37        |  |
| 1,561.00          | 0.80       | 63.30                | 1,560.88      | 9.09          | -4.92         | 10.34                      | 331.57                 | 0.28              | 582,349.49         | 636,849.38        |  |

# Survey Report Landscape

|                  |                                   |                                     |                                   |
|------------------|-----------------------------------|-------------------------------------|-----------------------------------|
| <b>Company:</b>  | XTO Energy                        | <b>Local Co-ordinate Reference:</b> | Well BEU DI 4 268H                |
| <b>Project:</b>  | Eddy County, NM (NAD27) NMEZ Grid | <b>TVD Reference:</b>               | 3466+18 @ 3484.00usft (P525_268H) |
| <b>Site:</b>     | BIG EDDY UNIT DI 4 267H 268H      | <b>MD Reference:</b>                | 3466+18 @ 3484.00usft (P525_268H) |
| <b>Well:</b>     | BEU DI 4 268H                     | <b>North Reference:</b>             | Grid                              |
| <b>Wellbore:</b> | 268H                              | <b>Survey Calculation Method:</b>   | Minimum Curvature                 |
| <b>Design:</b>   | 268H (AsDrilled)                  | <b>Database:</b>                    | STRYKER_EDM                       |

| 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>(°) | DLeg<br>(°/100ft) | Northing<br>(usft) | Easting<br>(usft) |
| 1,651.00     | 0.70       | 54.50                | 1,650.87      | 9.69          | -3.91         | 10.45                      | 338.01                 | 0.17              | 582,350.09         | 636,850.39        |
| 1,740.00     | 1.80       | 69.70                | 1,739.85      | 10.49         | -2.16         | 10.71                      | 348.37                 | 1.28              | 582,350.89         | 636,852.14        |
| 1,830.00     | 2.20       | 67.00                | 1,829.79      | 11.66         | 0.76          | 11.68                      | 3.72                   | 0.46              | 582,352.06         | 636,855.06        |
| 1,920.00     | 3.40       | 73.80                | 1,919.69      | 13.08         | 4.91          | 13.97                      | 20.58                  | 1.38              | 582,353.48         | 636,859.21        |
| 2,009.00     | 2.80       | 67.50                | 2,008.56      | 14.64         | 9.45          | 17.43                      | 32.84                  | 0.77              | 582,355.04         | 636,863.75        |
| 2,099.00     | 2.80       | 63.50                | 2,098.45      | 16.47         | 13.45         | 21.26                      | 39.24                  | 0.22              | 582,356.87         | 636,867.75        |
| 2,188.00     | 2.50       | 68.40                | 2,187.35      | 18.15         | 17.20         | 25.01                      | 43.46                  | 0.42              | 582,358.55         | 636,871.50        |
| 2,278.00     | 2.70       | 73.30                | 2,277.26      | 19.48         | 21.06         | 28.69                      | 47.22                  | 0.33              | 582,359.88         | 636,875.36        |
| 2,367.00     | 1.50       | 68.90                | 2,366.20      | 20.50         | 24.15         | 31.68                      | 49.67                  | 1.36              | 582,360.90         | 636,878.45        |
| 2,455.00     | 1.40       | 70.20                | 2,454.17      | 21.28         | 26.24         | 33.78                      | 50.95                  | 0.12              | 582,361.68         | 636,880.54        |
| 2,539.00     | 1.10       | 45.70                | 2,538.15      | 22.19         | 27.78         | 35.56                      | 51.38                  | 0.72              | 582,362.59         | 636,882.08        |
| 2,628.00     | 1.00       | 31.60                | 2,627.14      | 23.45         | 28.80         | 37.14                      | 50.84                  | 0.31              | 582,363.85         | 636,883.10        |
| 2,718.00     | 1.00       | 29.40                | 2,717.12      | 24.80         | 29.60         | 38.62                      | 50.03                  | 0.04              | 582,365.20         | 636,883.90        |
| 2,808.00     | 1.00       | 27.20                | 2,807.11      | 26.19         | 30.34         | 40.08                      | 49.20                  | 0.04              | 582,366.59         | 636,884.64        |
| 2,897.00     | 1.20       | 16.90                | 2,896.09      | 27.77         | 30.97         | 41.59                      | 48.11                  | 0.32              | 582,368.17         | 636,885.27        |
| 2,987.00     | 1.00       | 18.20                | 2,986.08      | 29.42         | 31.49         | 43.09                      | 46.94                  | 0.22              | 582,369.82         | 636,885.79        |
| 3,077.00     | 1.20       | 354.60               | 3,076.06      | 31.10         | 31.64         | 44.37                      | 45.49                  | 0.55              | 582,371.50         | 636,885.94        |
| 3,166.00     | 1.30       | 352.80               | 3,165.04      | 33.03         | 31.43         | 45.59                      | 43.57                  | 0.12              | 582,373.43         | 636,885.73        |
| 3,256.00     | 1.50       | 353.00               | 3,255.01      | 35.21         | 31.16         | 47.02                      | 41.50                  | 0.22              | 582,375.61         | 636,885.46        |
| 3,345.00     | 1.40       | 351.10               | 3,343.98      | 37.44         | 30.85         | 48.51                      | 39.48                  | 0.12              | 582,377.84         | 636,885.15        |
| 3,435.00     | 1.50       | 3.60                 | 3,433.95      | 39.71         | 30.75         | 50.22                      | 37.76                  | 0.37              | 582,380.11         | 636,885.05        |
| 3,524.00     | 1.50       | 356.30               | 3,522.92      | 42.03         | 30.75         | 52.08                      | 36.19                  | 0.21              | 582,382.43         | 636,885.05        |
| 3,614.00     | 1.30       | 351.80               | 3,612.90      | 44.22         | 30.53         | 53.73                      | 34.62                  | 0.25              | 582,384.62         | 636,884.83        |
| 3,703.00     | 1.50       | 359.20               | 3,701.87      | 46.38         | 30.37         | 55.44                      | 33.21                  | 0.30              | 582,386.78         | 636,884.67        |
| 3,793.00     | 1.60       | 7.70                 | 3,791.84      | 48.80         | 30.52         | 57.56                      | 32.02                  | 0.28              | 582,389.20         | 636,884.82        |
| 3,882.00     | 1.60       | 2.60                 | 3,880.80      | 51.28         | 30.74         | 59.79                      | 30.94                  | 0.16              | 582,391.68         | 636,885.04        |
| 3,972.00     | 1.50       | 3.30                 | 3,970.77      | 53.71         | 30.87         | 61.94                      | 29.89                  | 0.11              | 582,394.11         | 636,885.17        |

# Survey Report Landscape

|                  |                                   |                                     |                                   |
|------------------|-----------------------------------|-------------------------------------|-----------------------------------|
| <b>Company:</b>  | XTO Energy                        | <b>Local Co-ordinate Reference:</b> | Well BEU DI 4 268H                |
| <b>Project:</b>  | Eddy County, NM (NAD27) NMEZ Grid | <b>TVD Reference:</b>               | 3466+18 @ 3484.00usft (P525_268H) |
| <b>Site:</b>     | BIG EDDY UNIT DI 4 267H 268H      | <b>MD Reference:</b>                | 3466+18 @ 3484.00usft (P525_268H) |
| <b>Well:</b>     | BEU DI 4 268H                     | <b>North Reference:</b>             | Grid                              |
| <b>Wellbore:</b> | 268H                              | <b>Survey Calculation Method:</b>   | Minimum Curvature                 |
| <b>Design:</b>   | 268H (AsDrilled)                  | <b>Database:</b>                    | STRYKER_EDM                       |

| 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>(°) | DLeg<br>(°/100ft) | Northing<br>(usft) | Easting<br>(usft) |
| 4,061.00                    | 1.70       | 12.20                | 4,059.74      | 56.16         | 31.21         | 64.25                      | 29.06                  | 0.36              | 582,396.56         | 636,885.51        |
| 4,151.00                    | 1.60       | 5.30                 | 4,149.70      | 58.72         | 31.61         | 66.68                      | 28.30                  | 0.25              | 582,399.12         | 636,885.91        |
| 4,195.00                    | 1.40       | 1.70                 | 4,193.68      | 59.87         | 31.68         | 67.73                      | 27.89                  | 0.50              | 582,400.27         | 636,885.98        |
| 4,249.00                    | 1.41       | 359.32               | 4,247.67      | 61.19         | 31.69         | 68.91                      | 27.38                  | 0.11              | 582,401.59         | 636,885.99        |
| <b>First Stryker Survey</b> |            |                      |               |               |               |                            |                        |                   |                    |                   |
| 4,339.00                    | 1.32       | 296.74               | 4,337.65      | 62.76         | 30.75         | 69.89                      | 26.11                  | 1.58              | 582,403.16         | 636,885.05        |
| 4,429.00                    | 1.41       | 303.59               | 4,427.62      | 63.84         | 28.91         | 70.08                      | 24.36                  | 0.21              | 582,404.24         | 636,883.21        |
| 4,518.00                    | 1.23       | 213.85               | 4,516.60      | 63.65         | 27.46         | 69.33                      | 23.34                  | 2.10              | 582,404.05         | 636,881.76        |
| 4,608.00                    | 1.36       | 217.99               | 4,606.58      | 62.01         | 26.27         | 67.34                      | 22.96                  | 0.18              | 582,402.41         | 636,880.57        |
| 4,697.00                    | 1.27       | 219.22               | 4,695.56      | 60.41         | 24.99         | 65.38                      | 22.47                  | 0.11              | 582,400.81         | 636,879.29        |
| 4,787.00                    | 1.19       | 199.71               | 4,785.54      | 58.76         | 24.05         | 63.49                      | 22.26                  | 0.47              | 582,399.16         | 636,878.35        |
| 4,876.00                    | 1.30       | 178.70               | 4,874.52      | 56.88         | 23.76         | 61.64                      | 22.67                  | 0.52              | 582,397.28         | 636,878.06        |
| 4,966.00                    | 1.50       | 169.70               | 4,964.49      | 54.70         | 23.99         | 59.73                      | 23.68                  | 0.33              | 582,395.10         | 636,878.29        |
| 5,055.00                    | 1.40       | 168.20               | 5,053.46      | 52.49         | 24.42         | 57.90                      | 24.95                  | 0.12              | 582,392.89         | 636,878.72        |
| 5,145.00                    | 1.40       | 169.20               | 5,143.44      | 50.34         | 24.85         | 56.14                      | 26.28                  | 0.03              | 582,390.74         | 636,879.15        |
| 5,235.00                    | 1.20       | 157.60               | 5,233.41      | 48.38         | 25.42         | 54.66                      | 27.72                  | 0.37              | 582,388.78         | 636,879.72        |
| 5,324.00                    | 1.10       | 166.70               | 5,322.39      | 46.69         | 25.97         | 53.43                      | 29.08                  | 0.23              | 582,387.09         | 636,880.27        |
| 5,414.00                    | 0.90       | 180.70               | 5,412.38      | 45.14         | 26.16         | 52.18                      | 30.09                  | 0.35              | 582,385.54         | 636,880.46        |
| 5,504.00                    | 0.60       | 192.70               | 5,502.37      | 43.98         | 26.05         | 51.11                      | 30.64                  | 0.37              | 582,384.38         | 636,880.35        |
| 5,593.00                    | 0.60       | 190.30               | 5,591.37      | 43.06         | 25.86         | 50.23                      | 30.99                  | 0.03              | 582,383.46         | 636,880.16        |
| 5,683.00                    | 0.50       | 200.10               | 5,681.36      | 42.23         | 25.64         | 49.41                      | 31.27                  | 0.15              | 582,382.63         | 636,879.94        |
| 5,773.00                    | 0.40       | 188.60               | 5,771.36      | 41.55         | 25.46         | 48.73                      | 31.50                  | 0.15              | 582,381.95         | 636,879.76        |
| 5,862.00                    | 0.20       | 193.60               | 5,860.36      | 41.09         | 25.38         | 48.30                      | 31.70                  | 0.23              | 582,381.49         | 636,879.68        |
| 5,952.00                    | 1.30       | 259.20               | 5,950.35      | 40.75         | 24.34         | 47.47                      | 30.85                  | 1.37              | 582,381.15         | 636,878.64        |
| 6,042.00                    | 1.50       | 256.40               | 6,040.32      | 40.28         | 22.19         | 45.99                      | 28.85                  | 0.23              | 582,380.68         | 636,876.49        |
| 6,131.00                    | 1.50       | 266.70               | 6,129.29      | 39.94         | 19.90         | 44.62                      | 26.48                  | 0.30              | 582,380.34         | 636,874.20        |
| 6,221.00                    | 1.60       | 263.50               | 6,219.26      | 39.73         | 17.47         | 43.40                      | 23.74                  | 0.15              | 582,380.13         | 636,871.77        |

# Survey Report Landscape

|                  |                                    |                                     |                                   |
|------------------|------------------------------------|-------------------------------------|-----------------------------------|
| <b>Company:</b>  | XTO Energy                         | <b>Local Co-ordinate Reference:</b> | Well BEU DI 4 268H                |
| <b>Project:</b>  | Eddy County, NM (NAD27) NMEZ Grid. | <b>TVD Reference:</b>               | 3466+18 @ 3484.00usft (P525_268H) |
| <b>Site:</b>     | BIG EDDY UNIT DI 4 267H-268H       | <b>MD Reference:</b>                | 3466+18 @ 3484.00usft (P525_268H) |
| <b>Well:</b>     | BEU DI 4 268H                      | <b>North Reference:</b>             | Grid                              |
| <b>Wellbore:</b> | 268H                               | <b>Survey Calculation Method:</b>   | Minimum Curvature                 |
| <b>Design:</b>   | 268H (AsDrilled)                   | <b>Database:</b>                    | STRYKER_EDM                       |

| 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>(°) | DLeg<br>(°/100ft) | Northing<br>(usft) | Easting<br>(usft) |
| 6,311.00     | 1.50       | 263.10               | 6,309.23      | 39.45         | 15.05         | 42.22                      | 20.89                  | 0.11              | 582,379.85         | 636,869.35        |
| 6,400.00     | 1.40       | 271.80               | 6,398.20      | 39.34         | 12.81         | 41.38                      | 18.04                  | -0.27             | 582,379.74         | 636,867.11        |
| 6,489.00     | 1.00       | 245.10               | 6,487.18      | 39.05         | 11.02         | 40.57                      | 15.76                  | 0.76              | 582,379.45         | 636,865.32        |
| 6,579.00     | 0.90       | 257.80               | 6,577.17      | 38.57         | 9.62          | 39.75                      | 14.00                  | 0.26              | 582,378.97         | 636,863.92        |
| 6,669.00     | 1.50       | 175.70               | 6,667.15      | 37.25         | 9.01          | 38.32                      | 13.60                  | 1.82              | 582,377.65         | 636,863.31        |
| 6,758.00     | 1.50       | 173.50               | 6,756.12      | 34.93         | 9.23          | 36.13                      | 14.81                  | 0.06              | 582,375.33         | 636,863.53        |
| 6,848.00     | 1.30       | 180.20               | 6,846.10      | 32.73         | 9.36          | 34.05                      | 15.96                  | 0.29              | 582,373.13         | 636,863.66        |
| 6,938.00     | 1.20       | 193.20               | 6,936.08      | 30.80         | 9.14          | 32.13                      | 16.54                  | 0.33              | 582,371.20         | 636,863.44        |
| 7,027.00     | 1.00       | 204.90               | 7,025.06      | 29.18         | 8.60          | 30.43                      | 16.43                  | 0.34              | 582,369.58         | 636,862.90        |
| 7,117.00     | 1.10       | 211.50               | 7,115.04      | 27.74         | 7.82          | 28.82                      | 15.75                  | 0.17              | 582,368.14         | 636,862.12        |
| 7,207.00     | 1.20       | 227.40               | 7,205.03      | 26.36         | 6.68          | 27.19                      | 14.21                  | 0.37              | 582,366.76         | 636,860.98        |
| 7,296.00     | 1.30       | 196.50               | 7,294.01      | 24.76         | 5.70          | 25.41                      | 12.97                  | 0.76              | 582,365.16         | 636,860.00        |
| 7,386.00     | 1.10       | 210.30               | 7,383.99      | 23.04         | 4.98          | 23.57                      | 12.19                  | 0.39              | 582,363.44         | 636,859.28        |
| 7,475.00     | 0.70       | 200.30               | 7,472.98      | 21.79         | 4.36          | 22.22                      | 11.31                  | 0.48              | 582,362.19         | 636,858.66        |
| 7,565.00     | 0.80       | 209.70               | 7,562.97      | 20.73         | 3.86          | 21.08                      | 10.54                  | 0.18              | 582,361.13         | 636,858.16        |
| 7,655.00     | 0.90       | 222.80               | 7,652.96      | 19.66         | 3.06          | 19.90                      | 8.86                   | 0.24              | 582,360.06         | 636,857.36        |
| 7,744.00     | 1.00       | 225.10               | 7,741.95      | 18.60         | 2.04          | 18.71                      | 6.26                   | 0.12              | 582,359.00         | 636,856.34        |
| 7,834.00     | 2.10       | 232.80               | 7,831.91      | 17.05         | 0.17          | 17.05                      | 0.57                   | 1.24              | 582,357.45         | 636,854.47        |
| 7,923.00     | 1.10       | 232.40               | 7,920.88      | 15.54         | -1.81         | 15.65                      | 353.37                 | 1.12              | 582,355.94         | 636,852.49        |
| 8,013.00     | 1.20       | 205.20               | 8,010.86      | 14.16         | -2.89         | 14.46                      | 348.46                 | 0.61              | 582,354.56         | 636,851.41        |
| 8,103.00     | 1.80       | 211.70               | 8,100.83      | 12.11         | -4.04         | 12.76                      | 341.57                 | 0.69              | 582,352.51         | 636,850.26        |
| 8,192.00     | 1.60       | 211.00               | 8,189.79      | 9.86          | -5.41         | 11.24                      | 331.24                 | 0.23              | 582,350.26         | 636,848.89        |
| 8,282.00     | 0.70       | 145.10               | 8,279.77      | 8.33          | -5.74         | 10.12                      | 325.41                 | 1.62              | 582,348.73         | 636,848.56        |
| 8,371.00     | 0.70       | 120.40               | 8,368.76      | 7.61          | -4.96         | 9.08                       | 326.88                 | 0.34              | 582,348.01         | 636,849.34        |
| 8,466.00     | 4.36       | 78.17                | 8,463.66      | 8.05          | -0.93         | 8.11                       | 353.44                 | 4.07              | 582,348.45         | 636,853.37        |
| 8,510.00     | 10.39      | 77.06                | 8,507.28      | 9.29          | 4.58          | 10.36                      | 26.27                  | 13.71             | 582,349.69         | 636,858.88        |
| 8,555.00     | 14.41      | 78.58                | 8,551.22      | 11.30         | 14.03         | 18.02                      | 51.14                  | 8.96              | 582,351.70         | 636,868.33        |

# Survey Report Landscape

|                  |                                   |                                     |                                   |
|------------------|-----------------------------------|-------------------------------------|-----------------------------------|
| <b>Company:</b>  | XTO Energy                        | <b>Local Co-ordinate Reference:</b> | Well BEU DI 4 268H                |
| <b>Project:</b>  | Eddy County, NM (NAD27) NMEZ Grid | <b>TVD Reference:</b>               | 3466+18 @ 3484.00usft (P525_268H) |
| <b>Site:</b>     | BIG EDDY UNIT DI 4 267H 268H      | <b>MD Reference:</b>                | 3466+18 @ 3484.00usft (P525_268H) |
| <b>Well:</b>     | BEU DI 4 268H                     | <b>North Reference:</b>             | Grid                              |
| <b>Wellbore:</b> | 268H                              | <b>Survey Calculation Method:</b>   | Minimum Curvature                 |
| <b>Design:</b>   | 268H (AsDrilled)                  | <b>Database:</b>                    | STRYKER_EDM                       |

| 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>(°) | DLeg<br>(°/100ft) | Northing<br>(usft) | Easting<br>(usft) |
| 8,600.00                                | 18.94      | 82.26                | 8,594.31      | 13.40         | 26.76         | 29.93                      | 63.41                  | 10.33             | 582,353.80         | 636,881.06        |
| 8,645.00                                | 22.07      | 87.30                | 8,636.46      | 14.78         | 42.45         | 44.95                      | 70.80                  | 7.98              | 582,355.18         | 636,896.75        |
| 8,690.00                                | 24.86      | 90.66                | 8,677.74      | 15.07         | 60.36         | 62.21                      | 75.98                  | 6.87              | 582,355.47         | 636,914.66        |
| 8,735.00                                | 27.59      | 91.18                | 8,718.10      | 14.75         | 80.24         | 81.58                      | 79.59                  | 6.09              | 582,355.15         | 636,934.54        |
| 8,779.00                                | 29.27      | 88.17                | 8,756.80      | 14.88         | 101.18        | 102.27                     | 81.63                  | 5.02              | 582,355.28         | 636,955.48        |
| 8,824.00                                | 32.35      | 88.87                | 8,795.44      | 15.47         | 124.21        | 125.17                     | 82.90                  | 6.89              | 582,355.87         | 636,978.51        |
| 8,869.00                                | 36.80      | 89.96                | 8,832.48      | 15.71         | 149.74        | 150.57                     | 84.01                  | 9.98              | 582,356.11         | 637,004.04        |
| 8,914.00                                | 40.91      | 89.79                | 8,867.52      | 15.78         | 177.97        | 178.67                     | 84.93                  | 9.14              | 582,356.18         | 637,032.27        |
| 8,959.00                                | 46.14      | 87.84                | 8,900.14      | 16.44         | 208.94        | 209.58                     | 85.50                  | 12.00             | 582,356.84         | 637,063.24        |
| 9,004.00                                | 51.41      | 88.27                | 8,929.78      | 17.59         | 242.75        | 243.39                     | 85.86                  | 11.73             | 582,357.99         | 637,097.05        |
| 9,048.00                                | 55.28      | 89.21                | 8,956.05      | 18.36         | 278.03        | 278.64                     | 86.22                  | 8.96              | 582,358.76         | 637,132.33        |
| 9,093.00                                | 59.32      | 89.32                | 8,980.35      | 18.84         | 315.89        | 316.45                     | 86.59                  | 8.98              | 582,359.24         | 637,170.19        |
| 9,138.00                                | 63.35      | 89.99                | 9,001.93      | 19.07         | 355.37        | 355.88                     | 86.93                  | 9.05              | 582,359.47         | 637,209.67        |
| 9,183.00                                | 66.62      | 89.59                | 9,020.96      | 19.23         | 396.14        | 396.61                     | 87.22                  | 7.31              | 582,359.63         | 637,250.44        |
| 9,227.00                                | 68.17      | 90.63                | 9,037.87      | 19.15         | 436.76        | 437.18                     | 87.49                  | 4.14              | 582,359.55         | 637,291.06        |
| 9,272.00                                | 71.35      | 90.03                | 9,053.44      | 18.90         | 478.97        | 479.35                     | 87.74                  | 7.18              | 582,359.30         | 637,333.27        |
| 9,317.00                                | 76.87      | 90.33                | 9,065.76      | 18.77         | 522.24        | 522.57                     | 87.94                  | 12.28             | 582,359.17         | 637,376.54        |
| 9,362.00                                | 81.81      | 90.85                | 9,074.08      | 18.31         | 566.44        | 566.74                     | 88.15                  | 11.04             | 582,358.71         | 637,420.74        |
| 9,366.37                                | 82.38      | 91.01                | 9,074.68      | 18.24         | 570.77        | 571.06                     | 88.17                  | 13.49             | 582,358.64         | 637,425.07        |
| <b>BEU DI 4 268H LP</b>                 |            |                      |               |               |               |                            |                        |                   |                    |                   |
| 9,407.00                                | 87.67      | 92.45                | 9,078.20      | 17.02         | 611.21        | 611.45                     | 88.41                  | 13.49             | 582,357.42         | 637,465.51        |
| 9,431.25                                | 87.79      | 92.30                | 9,079.16      | 16.01         | 635.43        | 635.63                     | 88.56                  | 0.79              | 582,356.41         | 637,489.73        |
| <b>BEU DI 4 268H FTP_533FSL_1251FWL</b> |            |                      |               |               |               |                            |                        |                   |                    |                   |
| 9,451.00                                | 87.89      | 92.18                | 9,079.91      | 15.24         | 655.15        | 655.32                     | 88.67                  | 0.79              | 582,355.64         | 637,509.45        |
| 9,541.00                                | 87.95      | 91.48                | 9,083.17      | 12.37         | 745.04        | 745.14                     | 89.05                  | 0.78              | 582,352.77         | 637,599.34        |
| 9,630.00                                | 87.78      | 90.61                | 9,086.49      | 10.75         | 833.96        | 834.03                     | 89.26                  | 1.00              | 582,351.15         | 637,688.26        |
| 9,720.00                                | 88.04      | 89.57                | 9,089.77      | 10.61         | 923.90        | 923.96                     | 89.34                  | 1.19              | 582,351.01         | 637,778.20        |

# Survey Report Landscape

|                  |                                   |                                     |                                   |
|------------------|-----------------------------------|-------------------------------------|-----------------------------------|
| <b>Company:</b>  | XTO Energy                        | <b>Local Co-ordinate Reference:</b> | Well BEU DI 4 268H                |
| <b>Project:</b>  | Eddy County, NM (NAD27) NMEZ Grid | <b>TVD Reference:</b>               | 3466+18 @ 3484.00usft (P525_268H) |
| <b>Site:</b>     | BIG EDDY UNIT DI 4 267H,268H      | <b>MD Reference:</b>                | 3466+18 @ 3484.00usft (P525_268H) |
| <b>Well:</b>     | BEU DI 4 268H                     | <b>North Reference:</b>             | Grid                              |
| <b>Wellbore:</b> | 268H                              | <b>Survey Calculation Method:</b>   | Minimum Curvature                 |
| <b>Design:</b>   | 268H (AsDrilled)                  | <b>Database:</b>                    | STRYKER_EDM                       |

| 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>(°) | DLeg<br>(°/100ft) | Northing<br>(usft) | Easting<br>(usft) |
| 9,810.00      | 88.60      | 88.22                | 9,092.41      | 12.34         | 1,013.84      | 1,013.92                   | 89.30                  | 1.62              | 582,352.74         | 637,868.14        |
| 9,899.00      | 88.77      | 87.45                | 9,094.45      | 15.70         | 1,102.76      | 1,102.87                   | 89.18                  | 0.89              | 582,356.10         | 637,957.06        |
| 9,989.00      | 89.44      | 86.45                | 9,095.86      | 20.49         | 1,192.62      | 1,192.79                   | 89.02                  | 1.34              | 582,360.89         | 638,046.92        |
| 10,078.00     | 89.92      | 88.95                | 9,096.35      | 24.06         | 1,281.53      | 1,281.76                   | 88.92                  | 2.86              | 582,364.46         | 638,135.83        |
| 10,168.00     | 90.11      | 88.51                | 9,096.33      | 26.06         | 1,371.51      | 1,371.76                   | 88.91                  | 0.53              | 582,366.46         | 638,225.81        |
| 10,258.00     | 90.79      | 87.77                | 9,095.62      | 28.98         | 1,461.46      | 1,461.75                   | 88.86                  | 1.12              | 582,369.38         | 638,315.76        |
| 10,347.00     | 91.35      | 86.91                | 9,093.96      | 33.11         | 1,550.35      | 1,550.70                   | 88.78                  | 1.15              | 582,373.51         | 638,404.65        |
| 10,437.00     | 91.26      | 87.97                | 9,091.91      | 37.13         | 1,640.23      | 1,640.65                   | 88.70                  | 1.18              | 582,377.53         | 638,494.53        |
| 10,526.00     | 91.24      | 87.91                | 9,089.97      | 40.32         | 1,729.16      | 1,729.63                   | 88.66                  | 0.07              | 582,380.72         | 638,583.46        |
| 10,616.00     | 92.37      | 87.03                | 9,087.14      | 44.30         | 1,819.02      | 1,819.56                   | 88.61                  | 1.59              | 582,384.70         | 638,673.32        |
| 10,706.00     | 90.62      | 88.97                | 9,084.79      | 47.43         | 1,908.93      | 1,909.52                   | 88.58                  | 2.90              | 582,387.83         | 638,763.23        |
| 10,795.00     | 90.12      | 90.44                | 9,084.21      | 47.89         | 1,997.92      | 1,998.50                   | 88.63                  | 1.74              | 582,388.29         | 638,852.22        |
| 10,885.00     | 87.77      | 91.16                | 9,085.87      | 46.64         | 2,087.89      | 2,088.41                   | 88.72                  | 2.73              | 582,387.04         | 638,942.19        |
| 10,974.00     | 88.16      | 90.24                | 9,089.03      | 45.55         | 2,176.83      | 2,177.30                   | 88.80                  | 1.12              | 582,385.95         | 639,031.13        |
| 11,064.00     | 89.17      | 89.07                | 9,091.13      | 46.09         | 2,266.80      | 2,267.27                   | 88.84                  | 1.72              | 582,386.49         | 639,121.10        |
| 11,153.00     | 89.87      | 88.17                | 9,091.87      | 48.23         | 2,355.77      | 2,356.26                   | 88.83                  | 1.28              | 582,388.63         | 639,210.07        |
| 11,243.00     | 90.72      | 87.45                | 9,091.41      | 51.67         | 2,445.70      | 2,446.25                   | 88.79                  | 1.24              | 582,392.07         | 639,300.00        |
| 11,333.00     | 90.65      | 89.02                | 9,090.33      | 54.45         | 2,535.65      | 2,536.23                   | 88.77                  | 1.75              | 582,394.85         | 639,389.95        |
| 11,423.00     | 91.46      | 88.65                | 9,088.68      | 56.28         | 2,625.61      | 2,626.22                   | 88.77                  | 0.99              | 582,396.68         | 639,479.91        |
| 11,512.00     | 90.12      | 89.74                | 9,087.45      | 57.53         | 2,714.59      | 2,715.20                   | 88.79                  | 1.94              | 582,397.93         | 639,568.89        |
| 11,602.00     | 89.22      | 90.60                | 9,087.97      | 57.26         | 2,804.59      | 2,805.17                   | 88.83                  | 1.38              | 582,397.66         | 639,658.89        |
| 11,692.00     | 88.61      | 90.98                | 9,089.67      | 56.02         | 2,894.56      | 2,895.11                   | 88.89                  | 0.80              | 582,396.42         | 639,748.86        |
| 11,781.00     | 87.10      | 90.67                | 9,093.00      | 54.74         | 2,983.49      | 2,983.99                   | 88.95                  | 1.73              | 582,395.14         | 639,837.79        |
| 11,871.00     | 87.18      | 90.04                | 9,097.49      | 54.18         | 3,073.37      | 3,073.85                   | 88.99                  | 0.70              | 582,394.58         | 639,927.67        |
| 11,961.00     | 87.32      | 89.44                | 9,101.81      | 54.59         | 3,163.27      | 3,163.74                   | 89.01                  | 0.68              | 582,394.99         | 640,017.57        |
| 12,051.00     | 87.91      | 88.74                | 9,105.56      | 56.02         | 3,253.18      | 3,253.66                   | 89.01                  | 1.02              | 582,396.42         | 640,107.48        |
| 12,140.00     | 87.99      | 88.36                | 9,108.74      | 58.27         | 3,342.09      | 3,342.60                   | 89.00                  | 0.44              | 582,398.67         | 640,196.39        |

# Survey Report Landscape

|                  |                                   |                                     |                                   |
|------------------|-----------------------------------|-------------------------------------|-----------------------------------|
| <b>Company:</b>  | XTO Energy                        | <b>Local Co-ordinate Reference:</b> | Well BEU DI 4 268H                |
| <b>Project:</b>  | Eddy County, NM (NAD27) NMEZ Grid | <b>TVD Reference:</b>               | 3466+18 @ 3484.00usft (P525_268H) |
| <b>Site:</b>     | BIG EDDY UNIT DI 4 267H 268H      | <b>MD Reference:</b>                | 3466+18 @ 3484.00usft (P525_268H) |
| <b>Well:</b>     | BEU DI 4 268H                     | <b>North Reference:</b>             | Grid                              |
| <b>Wellbore:</b> | 268H                              | <b>Survey Calculation Method:</b>   | Minimum Curvature                 |
| <b>Design:</b>   | 268H (AsDrilled)                  | <b>Database:</b>                    | STRYKER_EDM                       |

| 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>(°) | DLeg<br>(°/100ft) | Northing<br>(usft) | Easting<br>(usft) |
| 12,230.00    | 88.27      | 87.40                | 9,111.68      | 61.59         | 3,431.98      | 3,432.54                   | 88.97                  | 1.11              | 582,401.99         | 640,286.28        |
| 12,320.00    | 88.92      | 86.96                | 9,113.88      | 66.02         | 3,521.85      | 3,522.47                   | 88.93                  | 0.87              | 582,406.42         | 640,376.15        |
| 12,409.00    | 89.28      | 85.60                | 9,115.28      | 71.79         | 3,610.65      | 3,611.36                   | 88.86                  | 1.58              | 582,412.19         | 640,464.95        |
| 12,441.00    | 89.40      | 85.40                | 9,115.65      | 74.31         | 3,642.54      | 3,643.30                   | 88.83                  | 0.73              | 582,414.71         | 640,496.84        |
| 12,531.00    | 90.20      | 87.50                | 9,115.96      | 79.88         | 3,732.37      | 3,733.22                   | 88.77                  | 2.50              | 582,420.28         | 640,586.67        |
| 12,620.00    | 90.52      | 89.02                | 9,115.41      | 82.58         | 3,821.32      | 3,822.21                   | 88.76                  | 1.75              | 582,422.98         | 640,675.62        |
| 12,710.00    | 91.41      | 91.10                | 9,113.89      | 82.49         | 3,911.30      | 3,912.17                   | 88.79                  | 2.51              | 582,422.89         | 640,765.60        |
| 12,800.00    | 91.38      | 90.22                | 9,111.70      | 81.45         | 4,001.27      | 4,002.10                   | 88.83                  | 0.98              | 582,421.85         | 640,855.57        |
| 12,890.00    | 91.08      | 89.34                | 9,109.77      | 81.79         | 4,091.25      | 4,092.06                   | 88.85                  | 1.03              | 582,422.19         | 640,945.55        |
| 12,979.00    | 90.24      | 91.29                | 9,108.74      | 81.31         | 4,180.23      | 4,181.02                   | 88.89                  | 2.39              | 582,421.71         | 641,034.53        |
| 13,069.00    | 90.21      | 90.40                | 9,108.39      | 79.98         | 4,270.22      | 4,270.97                   | 88.93                  | 0.99              | 582,420.38         | 641,124.52        |
| 13,159.00    | 90.10      | 89.77                | 9,108.14      | 79.84         | 4,360.22      | 4,360.95                   | 88.95                  | 0.71              | 582,420.24         | 641,214.52        |
| 13,248.00    | 90.41      | 89.23                | 9,107.75      | 80.62         | 4,449.22      | 4,449.95                   | 88.96                  | 0.70              | 582,421.02         | 641,303.52        |
| 13,338.00    | 90.38      | 88.90                | 9,107.13      | 82.09         | 4,539.20      | 4,539.94                   | 88.96                  | 0.37              | 582,422.49         | 641,393.50        |
| 13,428.00    | 90.71      | 88.44                | 9,106.27      | 84.18         | 4,629.17      | 4,629.94                   | 88.96                  | 0.63              | 582,424.58         | 641,483.47        |
| 13,517.00    | 91.08      | 88.02                | 9,104.88      | 86.93         | 4,718.12      | 4,718.92                   | 88.94                  | 0.63              | 582,427.33         | 641,572.42        |
| 13,607.00    | 89.51      | 89.03                | 9,104.42      | 89.24         | 4,808.08      | 4,808.91                   | 88.94                  | 2.07              | 582,429.64         | 641,662.38        |
| 13,697.00    | 88.84      | 90.45                | 9,105.71      | 89.65         | 4,898.07      | 4,898.89                   | 88.95                  | 1.74              | 582,430.05         | 641,752.37        |
| 13,786.00    | 89.17      | 90.57                | 9,107.26      | 88.86         | 4,987.05      | 4,987.85                   | 88.98                  | 0.39              | 582,429.26         | 641,841.35        |
| 13,876.00    | 87.52      | 90.74                | 9,109.86      | 87.83         | 5,077.01      | 5,077.77                   | 89.01                  | 1.84              | 582,428.23         | 641,931.31        |
| 13,966.00    | 87.72      | 90.52                | 9,113.60      | 86.84         | 5,166.92      | 5,167.65                   | 89.04                  | 0.33              | 582,427.24         | 642,021.22        |
| 14,056.00    | 87.75      | 89.65                | 9,117.15      | 86.71         | 5,256.85      | 5,257.57                   | 89.06                  | 0.97              | 582,427.11         | 642,111.15        |
| 14,145.00    | 88.28      | 89.54                | 9,120.24      | 87.34         | 5,345.80      | 5,346.51                   | 89.06                  | 0.61              | 582,427.74         | 642,200.10        |
| 14,235.00    | 88.28      | 89.55                | 9,122.94      | 88.05         | 5,435.75      | 5,436.47                   | 89.07                  | 0.01              | 582,428.45         | 642,290.05        |
| 14,325.00    | 88.61      | 89.17                | 9,125.38      | 89.06         | 5,525.72      | 5,526.43                   | 89.08                  | 0.56              | 582,429.46         | 642,380.02        |
| 14,415.00    | 88.78      | 88.75                | 9,127.43      | 90.69         | 5,615.68      | 5,616.41                   | 89.07                  | 0.50              | 582,431.09         | 642,469.98        |
| 14,504.00    | 88.84      | 88.07                | 9,129.28      | 93.16         | 5,704.62      | 5,705.38                   | 89.06                  | 0.77              | 582,433.56         | 642,558.92        |

# Survey Report Landscape

|                  |                                   |                                     |                                   |
|------------------|-----------------------------------|-------------------------------------|-----------------------------------|
| <b>Company:</b>  | XTO Energy                        | <b>Local Co-ordinate Reference:</b> | Well BEU DI 4 268H                |
| <b>Project:</b>  | Eddy County, NM (NAD27) NMEZ Grid | <b>TVD Reference:</b>               | 3466+18 @ 3484.00usft (P525_268H) |
| <b>Site:</b>     | BIG EDDY UNIT DI 4 267H 268H      | <b>MD Reference:</b>                | 3466+18 @ 3484.00usft (P525_268H) |
| <b>Well:</b>     | BEU DI 4 268H                     | <b>North Reference:</b>             | Grid                              |
| <b>Wellbore:</b> | 268H                              | <b>Survey Calculation Method:</b>   | Minimum Curvature                 |
| <b>Design:</b>   | 268H (AsDrilled)                  | <b>Database:</b>                    | STRYKER_EDM                       |

| 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>(°) | DLeg<br>(°/100ft) | Northing<br>(usft) | Easting<br>(usft) |
| 14,594.00                                      | 88.84      | 87.47                | 9,131.10      | 96.66         | 5,794.54      | 5,795.34                   | 89.04                  | 0.67              | 582,437.06         | 642,648.84        |
| 14,684.00                                      | 89.20      | 87.41                | 9,132.64      | 100.68        | 5,884.43      | 5,885.29                   | 89.02                  | 0.41              | 582,441.08         | 642,738.73        |
| 14,773.00                                      | 89.68      | 87.04                | 9,133.51      | 104.99        | 5,973.32      | 5,974.25                   | 88.99                  | 0.68              | 582,445.39         | 642,827.62        |
| 14,863.00                                      | 92.17      | 87.27                | 9,132.06      | 109.46        | 6,063.19      | 6,064.18                   | 88.97                  | 2.78              | 582,449.86         | 642,917.49        |
| 14,953.00                                      | 90.52      | 87.94                | 9,129.94      | 113.22        | 6,153.09      | 6,154.13                   | 88.95                  | 1.98              | 582,453.62         | 643,007.39        |
| 15,042.00                                      | 91.49      | 89.65                | 9,128.38      | 115.09        | 6,242.05      | 6,243.11                   | 88.94                  | 2.21              | 582,455.49         | 643,096.35        |
| 15,132.00                                      | 93.82      | 90.15                | 9,124.21      | 115.24        | 6,331.95      | 6,332.99                   | 88.96                  | 2.65              | 582,455.64         | 643,186.25        |
| 15,221.00                                      | 96.03      | 91.94                | 9,116.57      | 113.63        | 6,420.59      | 6,421.60                   | 88.99                  | 3.19              | 582,454.03         | 643,274.89        |
| 15,311.00                                      | 92.58      | 93.05                | 9,109.82      | 109.72        | 6,510.24      | 6,511.16                   | 89.03                  | 4.03              | 582,450.12         | 643,364.54        |
| 15,401.00                                      | 86.05      | 89.91                | 9,110.89      | 107.40        | 6,600.14      | 6,601.02                   | 89.07                  | 8.05              | 582,447.80         | 643,454.44        |
| 15,491.00                                      | 87.17      | 90.19                | 9,116.21      | 107.32        | 6,689.98      | 6,690.84                   | 89.08                  | 1.28              | 582,447.72         | 643,544.28        |
| 15,580.00                                      | 86.38      | 89.99                | 9,121.22      | 107.18        | 6,778.84      | 6,779.69                   | 89.09                  | 0.92              | 582,447.58         | 643,633.14        |
| 15,670.00                                      | 89.41      | 90.93                | 9,124.53      | 106.46        | 6,868.77      | 6,869.59                   | 89.11                  | 3.52              | 582,446.86         | 643,723.07        |
| 15,760.00                                      | 89.94      | 90.61                | 9,125.04      | 105.25        | 6,958.76      | 6,959.55                   | 89.13                  | 0.69              | 582,445.65         | 643,813.06        |
| 15,809.19                                      | 89.97      | 90.42                | 9,125.07      | 104.80        | 7,007.95      | 7,008.73                   | 89.14                  | 0.39              | 582,445.20         | 643,862.25        |
| <b>BEU DI 4 268H LTP_616FSL_330FEL</b>         |            |                      |               |               |               |                            |                        |                   |                    |                   |
| 15,849.00                                      | 90.00      | 90.27                | 9,125.08      | 104.56        | 7,047.75      | 7,048.53                   | 89.15                  | 0.39              | 582,444.96         | 643,902.05        |
| 15,939.00                                      | 90.20      | 89.94                | 9,124.93      | 104.40        | 7,137.75      | 7,138.52                   | 89.16                  | 0.43              | 582,444.80         | 643,992.05        |
| 15,939.18                                      | 90.20      | 89.94                | 9,124.93      | 104.40        | 7,137.93      | 7,138.69                   | 89.16                  | 0.00              | 582,444.80         | 643,992.23        |
| <b>BEU DI 4 268H PBHL_618FSL_200FEL</b>        |            |                      |               |               |               |                            |                        |                   |                    |                   |
| 16,029.00                                      | 89.92      | 89.38                | 9,124.83      | 104.93        | 7,227.75      | 7,228.51                   | 89.17                  | 0.70              | 582,445.33         | 644,082.05        |
| 16,039.00                                      | 89.86      | 89.38                | 9,124.85      | 105.04        | 7,237.75      | 7,238.51                   | 89.17                  | 0.57              | 582,445.44         | 644,092.05        |
| <b>Wellpath Crosses 100'FEL</b>                |            |                      |               |               |               |                            |                        |                   |                    |                   |
| 16,064.00                                      | 89.72      | 89.37                | 9,124.94      | 105.31        | 7,262.75      | 7,263.51                   | 89.17                  | 0.57              | 582,445.71         | 644,117.05        |
| 16,126.00                                      | 89.72      | 89.37                | 9,125.25      | 106.00        | 7,324.74      | 7,325.51                   | 89.17                  | 0.00              | 582,446.40         | 644,179.04        |
| <b>TD @ 13'FEL, 606FSL - BEU DI 4 268H BHL</b> |            |                      |               |               |               |                            |                        |                   |                    |                   |

# Survey Report Landscape

|                  |                                   |                                     |                                   |
|------------------|-----------------------------------|-------------------------------------|-----------------------------------|
| <b>Company:</b>  | XTO Energy                        | <b>Local Co-ordinate Reference:</b> | Well BEU DI 4 268H                |
| <b>Project:</b>  | Eddy County, NM (NAD27) NMEZ Grid | <b>TVD Reference:</b>               | 3466+18 @ 3484.00usft (P525_268H) |
| <b>Site:</b>     | BIG EDDY UNIT DI 4 267H 268H      | <b>MD Reference:</b>                | 3466+18 @ 3484.00usft (P525_268H) |
| <b>Well:</b>     | BEU DI 4 268H                     | <b>North Reference:</b>             | Grid                              |
| <b>Wellbore:</b> | 268H                              | <b>Survey Calculation Method:</b>   | Minimum Curvature                 |
| <b>Design:</b>   | 268H (AsDrilled)                  | <b>Database:</b>                    | STRYKER_EDM                       |

| Design Annotations          |                             |                   |                 |                          |
|-----------------------------|-----------------------------|-------------------|-----------------|--------------------------|
| Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Local Coordinates |                 | Comment                  |
|                             |                             | +N/-S<br>(usft)   | +E/-W<br>(usft) |                          |
| 4,249.00                    | 4,247.67                    | 61.19             | 31.69           | First Stryker Survey     |
| 16,039.00                   | 9,124.85                    | 105.04            | 7,237.75        | Wellpath Crosses 100'FEL |
| 16,126.00                   | 9,125.25                    | 106.00            | 7,324.74        | TD @ 13'FEL, 606FSL      |

|                   |                    |             |
|-------------------|--------------------|-------------|
| Checked By: _____ | Approved By: _____ | Date: _____ |
|-------------------|--------------------|-------------|