



# **HighPoint Resources**

**Weld Co., CO (NAD-83/ N-Zn)**

**Fox Creek 25**

**#5807BW**

**OH**

**Plan: Plan #1**

## **Standard Planning Report**

**26 March, 2020**



Project: Weld Co., CO (NAD-83/ N-Zn)  
Site: Fox Creek 25  
Well: #5807BW  
Wellbore: OH  
Design: Plan #1



DESIGN TARGET DETAILS

Name  
FC 25 5807BW SHL: 931' FSL & 1455' FEL  
FC 25 5807BW LP  
FC 25 5807BW PBHL: 363' FNL & 1235' FEL

| TVD     | +N/-S   | +E/-W  | Northing   | Easting    | Latitude   | Longitude    | Shape |
|---------|---------|--------|------------|------------|------------|--------------|-------|
| 0.00    | 0.00    | 0.00   | 1600347.25 | 3310125.72 | 40.9759208 | -104.3769126 | Point |
| 7269.00 | -781.86 | 211.73 | 1599568.13 | 3310347.34 | 40.9737749 | -104.3761459 | Point |
| 7269.00 | 9171.32 | 305.93 | 1609521.71 | 3310315.47 | 41.0010916 | -104.3758043 | Point |

PROJECT DETAILS: Weld Co., CO (NAD-83/ N-Zn)

Geodetic System: US State Plane 1983  
Datum: North American Datum 1983  
Ellipsoid: GRS 1980  
Zone: Colorado Northern Zone  
System Datum: Mean Sea Level

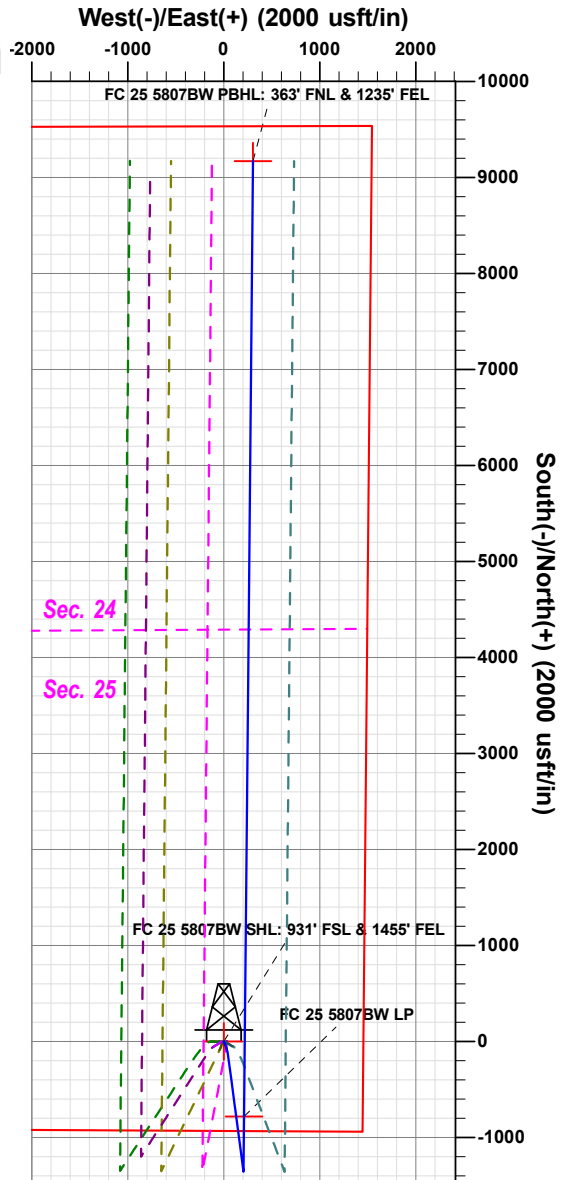
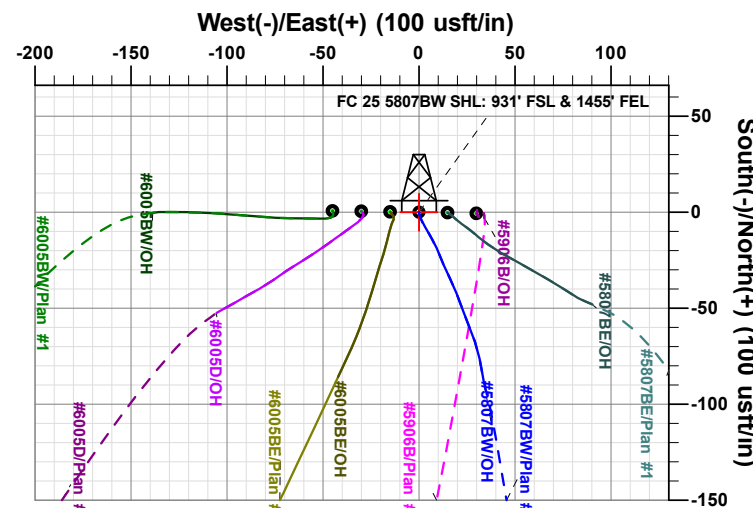
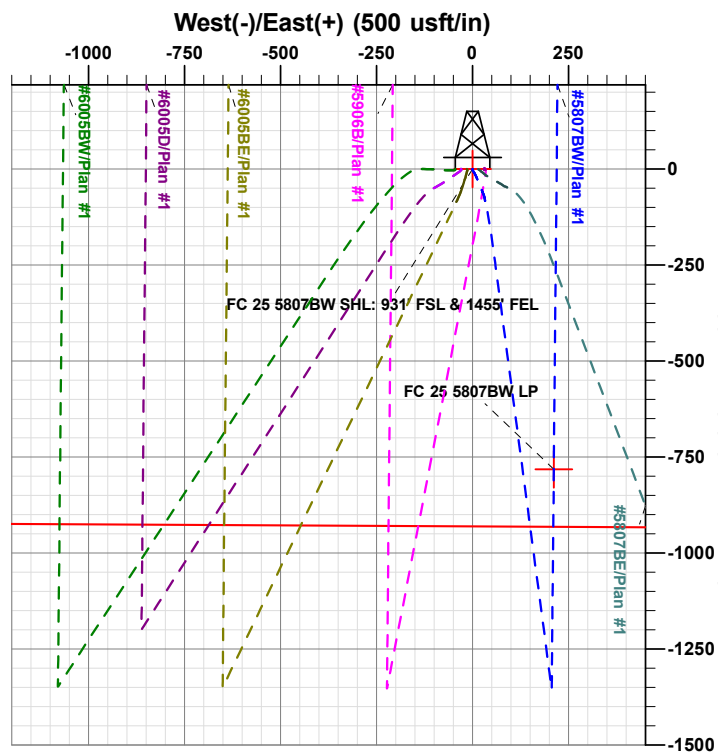
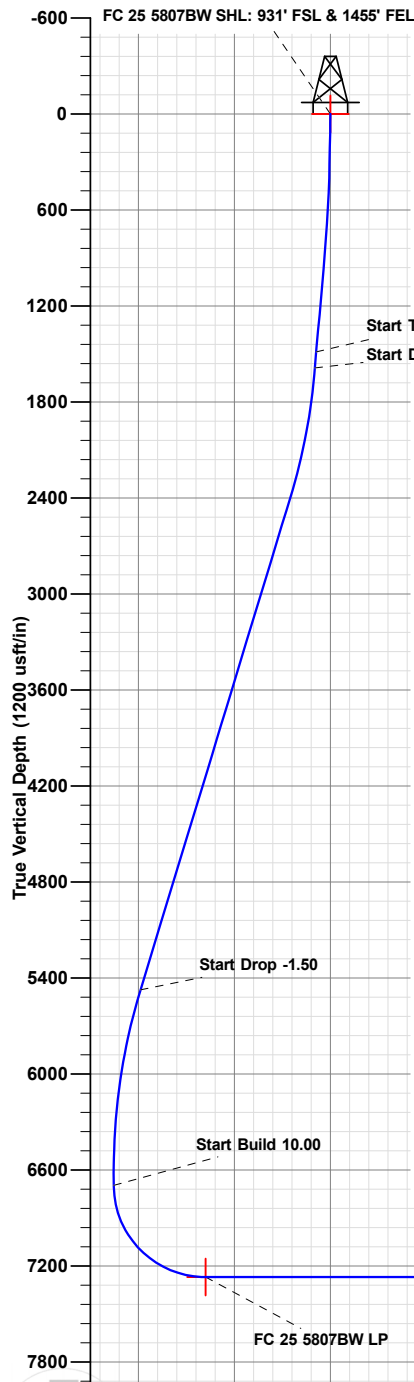
WELL DETAILS: #5807BW

Rig Name:  
RKB = 16.5' @ 5415.20usft  
Ground Level: 5398.70  
Easting  
Latitude  
Longitude

| +N/-S | +E/-W | Northing   | Easting    | Latitude   | Longitude    |
|-------|-------|------------|------------|------------|--------------|
| 0.00  | 0.00  | 1600347.25 | 3310125.72 | 40.9759208 | -104.3769126 |

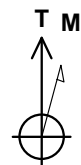
SECTION DETAILS

| Sec | MD       | Inc   | Azi    | TVD     | +N/-S    | +E/-W  | Dleg  | TFace  | VSect    |
|-----|----------|-------|--------|---------|----------|--------|-------|--------|----------|
| 1   | 1491.50  | 4.67  | 166.57 | 1487.67 | -88.84   | 34.00  | 0.00  | 0.00   | -88.51   |
| 2   | 1541.50  | 4.67  | 166.57 | 1537.51 | -92.80   | 34.94  | 0.00  | 0.00   | -92.46   |
| 3   | 1591.50  | 4.67  | 166.57 | 1587.34 | -96.76   | 35.89  | 0.00  | 0.00   | -96.41   |
| 4   | 2421.74  | 17.09 | 172.44 | 2401.08 | -251.17  | 59.88  | 1.50  | 8.01   | -250.60  |
| 5   | 5636.11  | 17.09 | 172.44 | 5473.51 | -1187.60 | 184.13 | 0.00  | 0.00   | -1185.81 |
| 6   | 6775.46  | 0.00  | 0.54   | 6596.04 | -1354.80 | 206.31 | 1.50  | 180.00 | -1352.79 |
| 7   | 6875.46  | 0.00  | 0.54   | 6696.04 | -1354.80 | 206.31 | 0.00  | 0.00   | -1352.79 |
| 8   | 7775.46  | 90.00 | 0.54   | 7269.00 | -781.86  | 211.73 | 10.00 | 0.00   | -779.83  |
| 9   | 17729.09 | 90.00 | 0.54   | 7269.00 | 9171.32  | 305.93 | 0.00  | 0.00   | 9173.80  |



The customer should only rely on this document after independently verifying all paths, targets, coordinates, lease and hard lines represented. Any decisions made or wells drilled utilizing this or any other information supplied by Prototype are at the sole risk and responsibility of the user.

Vertical Section at 0.54° (1200 usft/in)

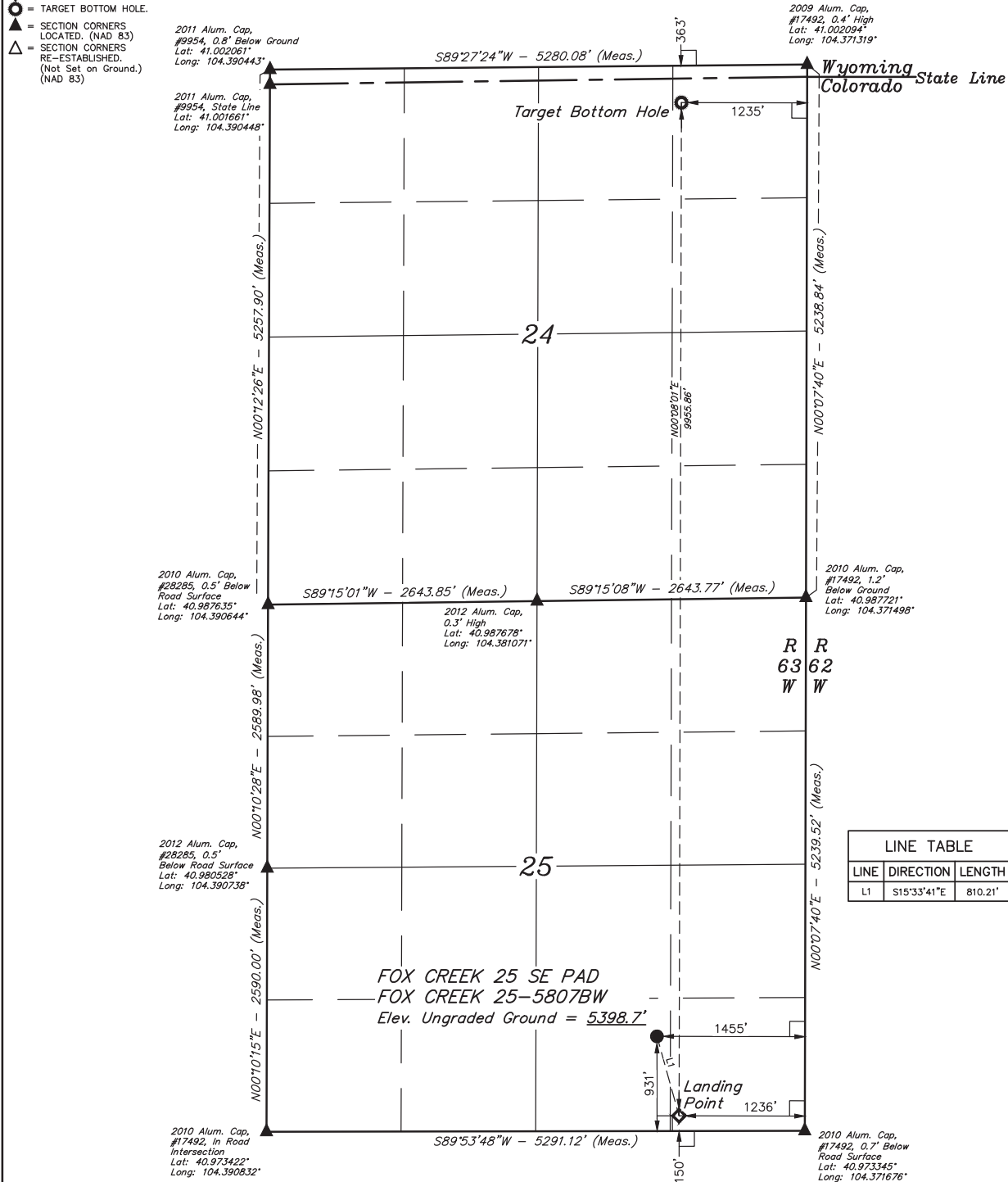


Azimuths to True North  
Magnetic North: 7.75°  
  
Magnetic Field  
Strength: 52405.3snT  
Dip Angle: 67.30°  
Date: 03/26/2020  
Model: IGRF2015

# LEGEND:

- 90° SYMBOL
- PROPOSED WELLHEAD.
- LANDING POINT.
- TARGET BOTTOM HOLE.
- SECTION CORNERS LOCATED. (NAD 83)
- SECTION CORNERS RE-ESTABLISHED. (Not Set on Ground.) (NAD 83)

T12N, R63W, 6th P.M.



| NAD 83 (SURFACE LOCATION)               | NAD 83 (LANDING POINT)                  | NAD 83 (TARGET BOTTOM HOLE)             |
|---|---|---|
| LATITUDE = 40°58'33.31" (40.975921°)    | LATITUDE = 40°58'25.59" (40.973775°)    | LATITUDE = 41°00'03.93" (41.001092°)    |
| LONGITUDE = 104°22'36.89" (104.376913°) | LONGITUDE = 104°22'34.13" (104.376146°) | LONGITUDE = 104°22'32.90" (104.375804°) |
| NAD 27 (SURFACE LOCATION)               | NAD 27 (LANDING POINT)                  | NAD 27 (TARGET BOTTOM HOLE)             |
| LATITUDE = 40°58'33.38" (40.975938°)    | LATITUDE = 40°58'25.65" (40.973792°)    | LATITUDE = 41°00'03.99" (41.001108°)    |
| LONGITUDE = 104°22'35.04" (104.376401°) | LONGITUDE = 104°22'32.28" (104.37635°)  | LONGITUDE = 104°22'31.05" (104.375293°) |
| STATE PLANE NAD 83 (CO. NORTH)          | STATE PLANE NAD 83 (CO. NORTH)          | STATE PLANE NAD 83 (CO. NORTH)          |
| N: 1600347.25' E: 3310125.72'           | N: 1599568.13' E: 3310347.34'           | N: 1609531.71' E: 3310315.47'           |
| STATE PLANE NAD 27 (CO. NORTH)          | STATE PLANE NAD 27 (CO. NORTH)          | STATE PLANE NAD 27 (CO. NORTH)          |
| N: 600344.81' E: 2310275.18'            | N: 599565.70' E: 2310496.80'            | N: 609519.10' E: 2310464.99'            |

BASIS OF BEARINGS  
TRANSVERSE MERCATOR PROJECTION WITH  
A CENTRAL MERIDIAN OF W105°00'00".

BASIS OF ELEVATION  
OPUS SOLUTION GENERATED NAVD 88



UELS, LLC  
Corporate Office \* 85 South 200 East  
Vernal, UT 84078 \* (435) 789-1017



CERTIFICATION AND REGISTRATION  
THIS IS TO CERTIFY THAT THE ABOVE SURVEY WAS PREPARED BY ME, AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 28285  
STATE OF COLORADO

REV: 2 01-28-20 C.C. (NAME CHANGE, LP & BHL CHANGES)

HIGHPOINT OPERATING CORPORATION  
FOX CREEK 25 SE PAD  
FOX CREEK 25-5807BW  
SW 1/4 SE 1/4, SECTION 25, T12N, R63W, 6th P.M.  
WELD COUNTY, COLORADO

|             |                   |          |            |
|-------------|-------------------|----------|------------|
| SURVEYED BY | GREG WEIMER, D.E. | 08-20-18 | SCALE      |
| DRAWN BY    | J.U.              | 08-31-18 | 1" = 1000' |

WELL LOCATION PLAT



## Planning Report

|                  |                              |                                     |                           |
|------------------|------------------------------|-------------------------------------|---------------------------|
| <b>Database:</b> | EDM 5000.1.13 Single User Db | <b>Local Co-ordinate Reference:</b> | Well #5807BW              |
| <b>Company:</b>  | HighPoint Resources          | <b>TVD Reference:</b>               | RKB = 16.5' @ 5415.20usft |
| <b>Project:</b>  | Weld Co., CO (NAD-83/ N-Zn)  | <b>MD Reference:</b>                | RKB = 16.5' @ 5415.20usft |
| <b>Site:</b>     | Fox Creek 25                 | <b>North Reference:</b>             | True                      |
| <b>Well:</b>     | #5807BW                      | <b>Survey Calculation Method:</b>   | Minimum Curvature         |
| <b>Wellbore:</b> | OH                           |                                     |                           |
| <b>Design:</b>   | Plan #1                      |                                     |                           |

|                    |                             |                      |                |
|--------------------|-----------------------------|----------------------|----------------|
| <b>Project</b>     | Weld Co., CO (NAD-83/ N-Zn) |                      |                |
| <b>Map System:</b> | US State Plane 1983         | <b>System Datum:</b> | Mean Sea Level |
| <b>Geo Datum:</b>  | North American Datum 1983   |                      |                |
| <b>Map Zone:</b>   | Colorado Northern Zone      |                      |                |

|                       |           |              |                   |                   |              |
|-----------------------|-----------|--------------|-------------------|-------------------|--------------|
| Site                  |           | Fox Creek 25 |                   |                   |              |
| Site Position:        |           | Northing:    | 1,600,347.48 usft | Latitude:         | 40.9759230   |
| From:                 | Map       | Easting:     | 3,310,080.76 usft | Longitude:        | -104.3770754 |
| Position Uncertainty: | 0.00 usft | Slot Radius: | 13-3/16 "         | Grid Convergence: | 0.73 °       |

|                      |         |            |                     |                   |               |               |
|----------------------|---------|------------|---------------------|-------------------|---------------|---------------|
| Well                 | #5807BW |            |                     |                   |               |               |
| Well Position        | +N/-S   | -0.80 usft | Northing:           | 1,600,347.25 usft | Latitude:     | 40.9759208    |
|                      | +E/-W   | 44.95 usft | Easting:            | 3,310,125.72 usft | Longitude:    | -104.3769126  |
| Position Uncertainty |         | 0.00 usft  | Wellhead Elevation: | 0.00 usft         | Ground Level: | 5,398.70 usft |

|                  |                   |                    |                        |                      |                            |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| <b>Wellbore</b>  | OH                |                    |                        |                      |                            |
| <b>Magnetics</b> | <b>Model Name</b> | <b>Sample Date</b> | <b>Declination (°)</b> | <b>Dip Angle (°)</b> | <b>Field Strength (nT)</b> |
|                  | IGRF2015          | 03/26/20           | 7.75                   | 67.30                | 52,405                     |

|                          |                                |                     |                      |                      |
|--------------------------|--------------------------------|---------------------|----------------------|----------------------|
| <b>Design</b>            | Plan #1                        |                     |                      |                      |
| <b>Audit Notes:</b>      |                                |                     |                      |                      |
| <b>Version:</b>          | <b>Phase:</b>                  | PLAN                | <b>Tie On Depth:</b> | 1,491.50             |
| <b>Vertical Section:</b> | <b>Depth From (TVD) (usft)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b>  | <b>Direction (°)</b> |
|                          | 0.00                           | 0.00                | 0.00                 | 0.54                 |

|                              |                        |                    |                              |                     |                     |                                |                               |                              |                |                  |
|------------------------------|------------------------|--------------------|------------------------------|---------------------|---------------------|--------------------------------|-------------------------------|------------------------------|----------------|------------------|
| <b>Plan Sections</b>         |                        |                    |                              |                     |                     |                                |                               |                              |                |                  |
| <b>Measured Depth (usft)</b> | <b>Inclination (°)</b> | <b>Azimuth (°)</b> | <b>Vertical Depth (usft)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Dogleg Rate (°/100usft)</b> | <b>Build Rate (°/100usft)</b> | <b>Turn Rate (°/100usft)</b> | <b>TFO (°)</b> | <b>Target</b>    |
| 1,491.50                     | 4.67                   | 166.57             | 1,487.67                     | -88.84              | 34.00               | 0.00                           | 0.00                          | 0.00                         | 0.00           |                  |
| 1,541.50                     | 4.67                   | 166.57             | 1,537.51                     | -92.80              | 34.94               | 0.00                           | 0.00                          | 0.00                         | 0.00           |                  |
| 1,591.50                     | 4.67                   | 166.57             | 1,587.34                     | -96.76              | 35.89               | 0.00                           | 0.00                          | 0.00                         | 0.00           |                  |
| 2,421.74                     | 17.09                  | 172.44             | 2,401.08                     | -251.17             | 59.88               | 1.50                           | 1.50                          | 0.71                         | 8.01           |                  |
| 5,636.11                     | 17.09                  | 172.44             | 5,473.51                     | -1,187.60           | 184.13              | 0.00                           | 0.00                          | 0.00                         | 0.00           |                  |
| 6,775.46                     | 0.00                   | 0.54               | 6,596.04                     | -1,354.80           | 206.31              | 1.50                           | -1.50                         | 0.00                         | 180.00         |                  |
| 6,875.46                     | 0.00                   | 0.54               | 6,696.04                     | -1,354.80           | 206.31              | 0.00                           | 0.00                          | 0.00                         | 0.00           |                  |
| 7,775.46                     | 90.00                  | 0.54               | 7,269.00                     | -781.86             | 211.73              | 10.00                          | 10.00                         | 0.00                         | 0.00           | FC 25 5807BW LP  |
| 17,729.09                    | 90.00                  | 0.54               | 7,269.00                     | 9,171.32            | 305.93              | 0.00                           | 0.00                          | 0.00                         | 0.00           | FC 25 5807BW PBI |



## Planning Report

|                  |                              |                                     |                           |
|------------------|------------------------------|-------------------------------------|---------------------------|
| <b>Database:</b> | EDM 5000.1.13 Single User Db | <b>Local Co-ordinate Reference:</b> | Well #5807BW              |
| <b>Company:</b>  | HighPoint Resources          | <b>TVD Reference:</b>               | RKB = 16.5' @ 5415.20usft |
| <b>Project:</b>  | Weld Co., CO (NAD-83/ N-Zn)  | <b>MD Reference:</b>                | RKB = 16.5' @ 5415.20usft |
| <b>Site:</b>     | Fox Creek 25                 | <b>North Reference:</b>             | True                      |
| <b>Well:</b>     | #5807BW                      | <b>Survey Calculation Method:</b>   | Minimum Curvature         |
| <b>Wellbore:</b> | OH                           |                                     |                           |
| <b>Design:</b>   | Plan #1                      |                                     |                           |

| Planned 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) |
| 0.00                  | 0.00            | 0.00        | 0.00                  | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 117.50                | 1.01            | 162.97      | 117.49                | -0.92        | 0.28         | -0.92                   | 0.86                    | 0.86                   | 0.00                  |
| 212.50                | 1.63            | 163.67      | 212.47                | -3.02        | 0.91         | -3.01                   | 0.65                    | 0.65                   | 0.74                  |
| 308.50                | 1.05            | 145.04      | 308.44                | -5.05        | 1.79         | -5.03                   | 0.75                    | -0.60                  | -19.41                |
| 401.50                | 1.49            | 150.40      | 401.42                | -6.80        | 2.88         | -6.77                   | 0.49                    | 0.47                   | 5.76                  |
| 497.50                | 2.90            | 150.57      | 497.35                | -10.00       | 4.69         | -9.95                   | 1.47                    | 1.47                   | 0.18                  |
| 592.50                | 3.65            | 153.04      | 592.19                | -14.79       | 7.24         | -14.72                  | 0.80                    | 0.79                   | 2.60                  |
| 687.50                | 4.35            | 155.23      | 686.96                | -20.75       | 10.12        | -20.66                  | 0.75                    | 0.74                   | 2.31                  |
| 781.50                | 4.48            | 158.31      | 780.68                | -27.40       | 12.97        | -27.28                  | 0.29                    | 0.14                   | 3.28                  |
| 876.50                | 5.27            | 153.30      | 875.34                | -34.75       | 16.30        | -34.59                  | 0.94                    | 0.83                   | -5.27                 |
| 971.50                | 4.75            | 159.72      | 969.97                | -42.33       | 19.63        | -42.15                  | 0.80                    | -0.55                  | 6.76                  |
| 1,066.50              | 5.58            | 159.10      | 1,064.59              | -50.34       | 22.64        | -50.12                  | 0.88                    | 0.87                   | -0.65                 |
| 1,162.50              | 5.36            | 158.66      | 1,160.15              | -58.87       | 25.94        | -58.63                  | 0.23                    | -0.23                  | -0.46                 |
| 1,257.50              | 5.58            | 160.33      | 1,254.72              | -67.36       | 29.10        | -67.08                  | 0.29                    | 0.23                   | 1.76                  |
| 1,352.50              | 5.41            | 168.42      | 1,349.28              | -76.09       | 31.56        | -75.79                  | 0.83                    | -0.18                  | 8.52                  |
| 1,447.50              | 5.54            | 170.35      | 1,443.85              | -85.00       | 33.23        | -84.68                  | 0.24                    | 0.14                   | 2.03                  |
| 1,491.50              | 4.67            | 166.57      | 1,487.67              | -88.84       | 34.00        | -88.51                  | 2.12                    | -1.98                  | -8.59                 |
| 1,500.00              | 4.67            | 166.57      | 1,496.15              | -89.51       | 34.16        | -89.18                  | 0.00                    | 0.00                   | 0.00                  |
| 1,541.50              | 4.67            | 166.57      | 1,537.51              | -92.80       | 34.94        | -92.46                  | 0.00                    | 0.00                   | 0.00                  |
| 1,591.50              | 4.67            | 166.57      | 1,587.34              | -96.76       | 35.89        | -96.41                  | 0.00                    | 0.00                   | 0.00                  |
| 1,600.00              | 4.80            | 166.78      | 1,595.81              | -97.44       | 36.05        | -97.09                  | 1.50                    | 1.49                   | 2.50                  |
| 1,700.00              | 6.29            | 168.64      | 1,695.34              | -106.88      | 38.08        | -106.51                 | 1.50                    | 1.49                   | 1.86                  |
| 1,800.00              | 7.78            | 169.79      | 1,794.59              | -118.90      | 40.36        | -118.52                 | 1.50                    | 1.49                   | 1.15                  |
| 1,900.00              | 9.27            | 170.57      | 1,893.48              | -133.52      | 42.88        | -133.11                 | 1.50                    | 1.50                   | 0.78                  |
| 2,000.00              | 10.77           | 171.14      | 1,991.95              | -150.70      | 45.64        | -150.26                 | 1.50                    | 1.50                   | 0.57                  |
| 2,100.00              | 12.27           | 171.57      | 2,089.93              | -170.44      | 48.64        | -169.98                 | 1.50                    | 1.50                   | 0.43                  |
| 2,200.00              | 13.77           | 171.90      | 2,187.36              | -192.74      | 51.88        | -192.24                 | 1.50                    | 1.50                   | 0.34                  |
| 2,300.00              | 15.27           | 172.17      | 2,284.17              | -217.56      | 55.34        | -217.03                 | 1.50                    | 1.50                   | 0.27                  |
| 2,400.00              | 16.76           | 172.40      | 2,380.28              | -244.90      | 59.04        | -244.33                 | 1.50                    | 1.50                   | 0.22                  |
| 2,421.74              | 17.09           | 172.44      | 2,401.08              | -251.17      | 59.88        | -250.60                 | 1.50                    | 1.50                   | 0.20                  |
| 2,500.00              | 17.09           | 172.44      | 2,475.88              | -273.97      | 62.90        | -273.37                 | 0.00                    | 0.00                   | 0.00                  |
| 2,600.00              | 17.09           | 172.44      | 2,571.47              | -303.10      | 66.77        | -302.46                 | 0.00                    | 0.00                   | 0.00                  |
| 2,700.00              | 17.09           | 172.44      | 2,667.05              | -332.24      | 70.64        | -331.56                 | 0.00                    | 0.00                   | 0.00                  |
| 2,800.00              | 17.09           | 172.44      | 2,762.64              | -361.37      | 74.50        | -360.65                 | 0.00                    | 0.00                   | 0.00                  |
| 2,900.00              | 17.09           | 172.44      | 2,858.22              | -390.50      | 78.37        | -389.74                 | 0.00                    | 0.00                   | 0.00                  |
| 3,000.00              | 17.09           | 172.44      | 2,953.81              | -419.63      | 82.23        | -418.84                 | 0.00                    | 0.00                   | 0.00                  |
| 3,100.00              | 17.09           | 172.44      | 3,049.39              | -448.77      | 86.10        | -447.93                 | 0.00                    | 0.00                   | 0.00                  |
| 3,200.00              | 17.09           | 172.44      | 3,144.97              | -477.90      | 89.96        | -477.03                 | 0.00                    | 0.00                   | 0.00                  |
| 3,300.00              | 17.09           | 172.44      | 3,240.56              | -507.03      | 93.83        | -506.12                 | 0.00                    | 0.00                   | 0.00                  |
| 3,400.00              | 17.09           | 172.44      | 3,336.14              | -536.16      | 97.69        | -535.22                 | 0.00                    | 0.00                   | 0.00                  |
| 3,500.00              | 17.09           | 172.44      | 3,431.73              | -565.30      | 101.56       | -564.31                 | 0.00                    | 0.00                   | 0.00                  |
| 3,600.00              | 17.09           | 172.44      | 3,527.31              | -594.43      | 105.42       | -593.41                 | 0.00                    | 0.00                   | 0.00                  |
| 3,700.00              | 17.09           | 172.44      | 3,622.90              | -623.56      | 109.29       | -622.50                 | 0.00                    | 0.00                   | 0.00                  |
| 3,800.00              | 17.09           | 172.44      | 3,718.48              | -652.69      | 113.15       | -651.60                 | 0.00                    | 0.00                   | 0.00                  |
| 3,900.00              | 17.09           | 172.44      | 3,814.06              | -681.82      | 117.02       | -680.69                 | 0.00                    | 0.00                   | 0.00                  |
| 4,000.00              | 17.09           | 172.44      | 3,909.65              | -710.96      | 120.89       | -709.79                 | 0.00                    | 0.00                   | 0.00                  |
| 4,100.00              | 17.09           | 172.44      | 4,005.23              | -740.09      | 124.75       | -738.88                 | 0.00                    | 0.00                   | 0.00                  |
| 4,200.00              | 17.09           | 172.44      | 4,100.82              | -769.22      | 128.62       | -767.98                 | 0.00                    | 0.00                   | 0.00                  |
| 4,300.00              | 17.09           | 172.44      | 4,196.40              | -798.35      | 132.48       | -797.07                 | 0.00                    | 0.00                   | 0.00                  |
| 4,400.00              | 17.09           | 172.44      | 4,291.99              | -827.49      | 136.35       | -826.16                 | 0.00                    | 0.00                   | 0.00                  |
| 4,500.00              | 17.09           | 172.44      | 4,387.57              | -856.62      | 140.21       | -855.26                 | 0.00                    | 0.00                   | 0.00                  |
| 4,600.00              | 17.09           | 172.44      | 4,483.15              | -885.75      | 144.08       | -884.35                 | 0.00                    | 0.00                   | 0.00                  |
| 4,700.00              | 17.09           | 172.44      | 4,578.74              | -914.88      | 147.94       | -913.45                 | 0.00                    | 0.00                   | 0.00                  |
| 4,800.00              | 17.09           | 172.44      | 4,674.32              | -944.02      | 151.81       | -942.54                 | 0.00                    | 0.00                   | 0.00                  |



## Planning Report

|                  |                              |                                     |                           |
|------------------|------------------------------|-------------------------------------|---------------------------|
| <b>Database:</b> | EDM 5000.1.13 Single User Db | <b>Local Co-ordinate Reference:</b> | Well #5807BW              |
| <b>Company:</b>  | HighPoint Resources          | <b>TVD Reference:</b>               | RKB = 16.5' @ 5415.20usft |
| <b>Project:</b>  | Weld Co., CO (NAD-83/ N-Zn)  | <b>MD Reference:</b>                | RKB = 16.5' @ 5415.20usft |
| <b>Site:</b>     | Fox Creek 25                 | <b>North Reference:</b>             | True                      |
| <b>Well:</b>     | #5807BW                      | <b>Survey Calculation Method:</b>   | Minimum Curvature         |
| <b>Wellbore:</b> | OH                           |                                     |                           |
| <b>Design:</b>   | Plan #1                      |                                     |                           |

| Planned 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) |
| 4,900.00              | 17.09           | 172.44      | 4,769.91              | -973.15      | 155.67       | -971.64                 | 0.00                    | 0.00                   | 0.00                  |
| 5,000.00              | 17.09           | 172.44      | 4,865.49              | -1,002.28    | 159.54       | -1,000.73               | 0.00                    | 0.00                   | 0.00                  |
| 5,100.00              | 17.09           | 172.44      | 4,961.08              | -1,031.41    | 163.40       | -1,029.83               | 0.00                    | 0.00                   | 0.00                  |
| 5,200.00              | 17.09           | 172.44      | 5,056.66              | -1,060.55    | 167.27       | -1,058.92               | 0.00                    | 0.00                   | 0.00                  |
| 5,300.00              | 17.09           | 172.44      | 5,152.24              | -1,089.68    | 171.14       | -1,088.02               | 0.00                    | 0.00                   | 0.00                  |
| 5,400.00              | 17.09           | 172.44      | 5,247.83              | -1,118.81    | 175.00       | -1,117.11               | 0.00                    | 0.00                   | 0.00                  |
| 5,500.00              | 17.09           | 172.44      | 5,343.41              | -1,147.94    | 178.87       | -1,146.21               | 0.00                    | 0.00                   | 0.00                  |
| 5,600.00              | 17.09           | 172.44      | 5,439.00              | -1,177.08    | 182.73       | -1,175.30               | 0.00                    | 0.00                   | 0.00                  |
| 5,636.11              | 17.09           | 172.44      | 5,473.51              | -1,187.60    | 184.13       | -1,185.81               | 0.00                    | 0.00                   | 0.00                  |
| 5,700.00              | 16.13           | 172.44      | 5,534.74              | -1,205.70    | 186.53       | -1,203.89               | 1.50                    | -1.50                  | 0.00                  |
| 5,800.00              | 14.63           | 172.44      | 5,631.15              | -1,231.99    | 190.02       | -1,230.15               | 1.50                    | -1.50                  | 0.00                  |
| 5,900.00              | 13.13           | 172.44      | 5,728.23              | -1,255.78    | 193.17       | -1,253.90               | 1.50                    | -1.50                  | 0.00                  |
| 6,000.00              | 11.63           | 172.44      | 5,825.90              | -1,277.03    | 195.99       | -1,275.13               | 1.50                    | -1.50                  | 0.00                  |
| 6,100.00              | 10.13           | 172.44      | 5,924.10              | -1,295.75    | 198.48       | -1,293.82               | 1.50                    | -1.50                  | 0.00                  |
| 6,200.00              | 8.63            | 172.44      | 6,022.76              | -1,311.91    | 200.62       | -1,309.96               | 1.50                    | -1.50                  | 0.00                  |
| 6,300.00              | 7.13            | 172.44      | 6,121.81              | -1,325.50    | 202.43       | -1,323.53               | 1.50                    | -1.50                  | 0.00                  |
| 6,400.00              | 5.63            | 172.44      | 6,221.19              | -1,336.52    | 203.89       | -1,334.54               | 1.50                    | -1.50                  | 0.00                  |
| 6,500.00              | 4.13            | 172.44      | 6,320.82              | -1,344.95    | 205.01       | -1,342.96               | 1.50                    | -1.50                  | 0.00                  |
| 6,600.00              | 2.63            | 172.44      | 6,420.65              | -1,350.80    | 205.78       | -1,348.80               | 1.50                    | -1.50                  | 0.00                  |
| 6,700.00              | 1.13            | 172.44      | 6,520.59              | -1,354.06    | 206.21       | -1,352.05               | 1.50                    | -1.50                  | 0.00                  |
| 6,775.46              | 0.00            | 0.54        | 6,596.04              | -1,354.80    | 206.31       | -1,352.79               | 1.50                    | -1.50                  | 0.00                  |
| 6,800.00              | 0.00            | 0.00        | 6,620.58              | -1,354.80    | 206.31       | -1,352.79               | 0.00                    | 0.00                   | 0.00                  |
| 6,875.46              | 0.00            | 0.54        | 6,696.04              | -1,354.80    | 206.31       | -1,352.79               | 0.00                    | 0.00                   | 0.00                  |
| 6,900.00              | 2.45            | 0.54        | 6,720.58              | -1,354.27    | 206.32       | -1,352.27               | 10.00                   | 10.00                  | 0.00                  |
| 6,950.00              | 7.45            | 0.54        | 6,770.37              | -1,349.95    | 206.36       | -1,347.95               | 10.00                   | 10.00                  | 0.00                  |
| 7,000.00              | 12.45           | 0.54        | 6,819.61              | -1,341.31    | 206.44       | -1,339.31               | 10.00                   | 10.00                  | 0.00                  |
| 7,050.00              | 17.45           | 0.54        | 6,867.90              | -1,328.42    | 206.56       | -1,326.41               | 10.00                   | 10.00                  | 0.00                  |
| 7,100.00              | 22.45           | 0.54        | 6,914.88              | -1,311.36    | 206.72       | -1,309.35               | 10.00                   | 10.00                  | 0.00                  |
| 7,150.00              | 27.45           | 0.54        | 6,960.20              | -1,290.27    | 206.92       | -1,288.27               | 10.00                   | 10.00                  | 0.00                  |
| 7,200.00              | 32.45           | 0.54        | 7,003.51              | -1,265.32    | 207.16       | -1,263.31               | 10.00                   | 10.00                  | 0.00                  |
| 7,250.00              | 37.45           | 0.54        | 7,044.47              | -1,236.68    | 207.43       | -1,234.67               | 10.00                   | 10.00                  | 0.00                  |
| 7,300.00              | 42.45           | 0.54        | 7,082.79              | -1,204.58    | 207.73       | -1,202.57               | 10.00                   | 10.00                  | 0.00                  |
| 7,350.00              | 47.45           | 0.54        | 7,118.16              | -1,169.27    | 208.07       | -1,167.26               | 10.00                   | 10.00                  | 0.00                  |
| 7,400.00              | 52.45           | 0.54        | 7,150.32              | -1,131.01    | 208.43       | -1,128.99               | 10.00                   | 10.00                  | 0.00                  |
| 7,450.00              | 57.45           | 0.54        | 7,179.02              | -1,090.09    | 208.82       | -1,088.07               | 10.00                   | 10.00                  | 0.00                  |
| 7,500.00              | 62.45           | 0.54        | 7,204.05              | -1,046.82    | 209.23       | -1,044.80               | 10.00                   | 10.00                  | 0.00                  |
| 7,550.00              | 67.45           | 0.54        | 7,225.21              | -1,001.54    | 209.66       | -999.52                 | 10.00                   | 10.00                  | 0.00                  |
| 7,600.00              | 72.45           | 0.54        | 7,242.34              | -954.59      | 210.10       | -952.56                 | 10.00                   | 10.00                  | 0.00                  |
| 7,650.00              | 77.45           | 0.54        | 7,255.32              | -906.32      | 210.56       | -904.29                 | 10.00                   | 10.00                  | 0.00                  |
| 7,700.00              | 82.45           | 0.54        | 7,264.04              | -857.10      | 211.02       | -855.08                 | 10.00                   | 10.00                  | 0.00                  |
| 7,750.00              | 87.45           | 0.54        | 7,268.43              | -807.31      | 211.49       | -805.28                 | 10.00                   | 10.00                  | 0.00                  |
| 7,775.46              | 90.00           | 0.54        | 7,269.00              | -781.86      | 211.73       | -779.83                 | 10.00                   | 10.00                  | 0.00                  |
| 7,800.00              | 90.00           | 0.54        | 7,269.00              | -757.32      | 211.97       | -755.29                 | 0.00                    | 0.00                   | 0.00                  |
| 7,900.00              | 90.00           | 0.54        | 7,269.00              | -657.33      | 212.91       | -655.29                 | 0.00                    | 0.00                   | 0.00                  |
| 8,000.00              | 90.00           | 0.54        | 7,269.00              | -557.33      | 213.86       | -555.29                 | 0.00                    | 0.00                   | 0.00                  |
| 8,100.00              | 90.00           | 0.54        | 7,269.00              | -457.34      | 214.81       | -455.29                 | 0.00                    | 0.00                   | 0.00                  |
| 8,200.00              | 90.00           | 0.54        | 7,269.00              | -357.34      | 215.75       | -355.29                 | 0.00                    | 0.00                   | 0.00                  |
| 8,300.00              | 90.00           | 0.54        | 7,269.00              | -257.35      | 216.70       | -255.29                 | 0.00                    | 0.00                   | 0.00                  |
| 8,400.00              | 90.00           | 0.54        | 7,269.00              | -157.35      | 217.64       | -155.29                 | 0.00                    | 0.00                   | 0.00                  |
| 8,500.00              | 90.00           | 0.54        | 7,269.00              | -57.36       | 218.59       | -55.29                  | 0.00                    | 0.00                   | 0.00                  |
| 8,600.00              | 90.00           | 0.54        | 7,269.00              | 42.64        | 219.54       | 44.71                   | 0.00                    | 0.00                   | 0.00                  |
| 8,700.00              | 90.00           | 0.54        | 7,269.00              | 142.64       | 220.48       | 144.71                  | 0.00                    | 0.00                   | 0.00                  |
| 8,800.00              | 90.00           | 0.54        | 7,269.00              | 242.63       | 221.43       | 244.71                  | 0.00                    | 0.00                   | 0.00                  |
| 8,900.00              | 90.00           | 0.54        | 7,269.00              | 342.63       | 222.38       | 344.71                  | 0.00                    | 0.00                   | 0.00                  |



## Planning Report

|                  |                              |                                     |                           |
|------------------|------------------------------|-------------------------------------|---------------------------|
| <b>Database:</b> | EDM 5000.1.13 Single User Db | <b>Local Co-ordinate Reference:</b> | Well #5807BW              |
| <b>Company:</b>  | HighPoint Resources          | <b>TVD Reference:</b>               | RKB = 16.5' @ 5415.20usft |
| <b>Project:</b>  | Weld Co., CO (NAD-83/ N-Zn)  | <b>MD Reference:</b>                | RKB = 16.5' @ 5415.20usft |
| <b>Site:</b>     | Fox Creek 25                 | <b>North Reference:</b>             | True                      |
| <b>Well:</b>     | #5807BW                      | <b>Survey Calculation Method:</b>   | Minimum Curvature         |
| <b>Wellbore:</b> | OH                           |                                     |                           |
| <b>Design:</b>   | Plan #1                      |                                     |                           |

| Planned Survey        |                 |             |                       |              |              |                         |                         |                        |                       |  |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|--|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |  |
| 9,000.00              | 90.00           | 0.54        | 7,269.00              | 442.62       | 223.32       | 444.71                  | 0.00                    | 0.00                   | 0.00                  |  |
| 9,100.00              | 90.00           | 0.54        | 7,269.00              | 542.62       | 224.27       | 544.71                  | 0.00                    | 0.00                   | 0.00                  |  |
| 9,200.00              | 90.00           | 0.54        | 7,269.00              | 642.61       | 225.22       | 644.71                  | 0.00                    | 0.00                   | 0.00                  |  |
| 9,300.00              | 90.00           | 0.54        | 7,269.00              | 742.61       | 226.16       | 744.71                  | 0.00                    | 0.00                   | 0.00                  |  |
| 9,400.00              | 90.00           | 0.54        | 7,269.00              | 842.60       | 227.11       | 844.71                  | 0.00                    | 0.00                   | 0.00                  |  |
| 9,500.00              | 90.00           | 0.54        | 7,269.00              | 942.60       | 228.05       | 944.71                  | 0.00                    | 0.00                   | 0.00                  |  |
| 9,600.00              | 90.00           | 0.54        | 7,269.00              | 1,042.60     | 229.00       | 1,044.71                | 0.00                    | 0.00                   | 0.00                  |  |
| 9,700.00              | 90.00           | 0.54        | 7,269.00              | 1,142.59     | 229.95       | 1,144.71                | 0.00                    | 0.00                   | 0.00                  |  |
| 9,800.00              | 90.00           | 0.54        | 7,269.00              | 1,242.59     | 230.89       | 1,244.71                | 0.00                    | 0.00                   | 0.00                  |  |
| 9,900.00              | 90.00           | 0.54        | 7,269.00              | 1,342.58     | 231.84       | 1,344.71                | 0.00                    | 0.00                   | 0.00                  |  |
| 10,000.00             | 90.00           | 0.54        | 7,269.00              | 1,442.58     | 232.79       | 1,444.71                | 0.00                    | 0.00                   | 0.00                  |  |
| 10,100.00             | 90.00           | 0.54        | 7,269.00              | 1,542.57     | 233.73       | 1,544.71                | 0.00                    | 0.00                   | 0.00                  |  |
| 10,200.00             | 90.00           | 0.54        | 7,269.00              | 1,642.57     | 234.68       | 1,644.71                | 0.00                    | 0.00                   | 0.00                  |  |
| 10,300.00             | 90.00           | 0.54        | 7,269.00              | 1,742.56     | 235.63       | 1,744.71                | 0.00                    | 0.00                   | 0.00                  |  |
| 10,400.00             | 90.00           | 0.54        | 7,269.00              | 1,842.56     | 236.57       | 1,844.71                | 0.00                    | 0.00                   | 0.00                  |  |
| 10,500.00             | 90.00           | 0.54        | 7,269.00              | 1,942.55     | 237.52       | 1,944.71                | 0.00                    | 0.00                   | 0.00                  |  |
| 10,600.00             | 90.00           | 0.54        | 7,269.00              | 2,042.55     | 238.46       | 2,044.71                | 0.00                    | 0.00                   | 0.00                  |  |
| 10,700.00             | 90.00           | 0.54        | 7,269.00              | 2,142.55     | 239.41       | 2,144.71                | 0.00                    | 0.00                   | 0.00                  |  |
| 10,800.00             | 90.00           | 0.54        | 7,269.00              | 2,242.54     | 240.36       | 2,244.71                | 0.00                    | 0.00                   | 0.00                  |  |
| 10,900.00             | 90.00           | 0.54        | 7,269.00              | 2,342.54     | 241.30       | 2,344.71                | 0.00                    | 0.00                   | 0.00                  |  |
| 11,000.00             | 90.00           | 0.54        | 7,269.00              | 2,442.53     | 242.25       | 2,444.71                | 0.00                    | 0.00                   | 0.00                  |  |
| 11,100.00             | 90.00           | 0.54        | 7,269.00              | 2,542.53     | 243.20       | 2,544.71                | 0.00                    | 0.00                   | 0.00                  |  |
| 11,200.00             | 90.00           | 0.54        | 7,269.00              | 2,642.52     | 244.14       | 2,644.71                | 0.00                    | 0.00                   | 0.00                  |  |
| 11,300.00             | 90.00           | 0.54        | 7,269.00              | 2,742.52     | 245.09       | 2,744.71                | 0.00                    | 0.00                   | 0.00                  |  |
| 11,400.00             | 90.00           | 0.54        | 7,269.00              | 2,842.51     | 246.03       | 2,844.71                | 0.00                    | 0.00                   | 0.00                  |  |
| 11,500.00             | 90.00           | 0.54        | 7,269.00              | 2,942.51     | 246.98       | 2,944.71                | 0.00                    | 0.00                   | 0.00                  |  |
| 11,600.00             | 90.00           | 0.54        | 7,269.00              | 3,042.51     | 247.93       | 3,044.71                | 0.00                    | 0.00                   | 0.00                  |  |
| 11,700.00             | 90.00           | 0.54        | 7,269.00              | 3,142.50     | 248.87       | 3,144.71                | 0.00                    | 0.00                   | 0.00                  |  |
| 11,800.00             | 90.00           | 0.54        | 7,269.00              | 3,242.50     | 249.82       | 3,244.71                | 0.00                    | 0.00                   | 0.00                  |  |
| 11,900.00             | 90.00           | 0.54        | 7,269.00              | 3,342.49     | 250.77       | 3,344.71                | 0.00                    | 0.00                   | 0.00                  |  |
| 12,000.00             | 90.00           | 0.54        | 7,269.00              | 3,442.49     | 251.71       | 3,444.71                | 0.00                    | 0.00                   | 0.00                  |  |
| 12,100.00             | 90.00           | 0.54        | 7,269.00              | 3,542.48     | 252.66       | 3,544.71                | 0.00                    | 0.00                   | 0.00                  |  |
| 12,200.00             | 90.00           | 0.54        | 7,269.00              | 3,642.48     | 253.61       | 3,644.71                | 0.00                    | 0.00                   | 0.00                  |  |
| 12,300.00             | 90.00           | 0.54        | 7,269.00              | 3,742.47     | 254.55       | 3,744.71                | 0.00                    | 0.00                   | 0.00                  |  |
| 12,400.00             | 90.00           | 0.54        | 7,269.00              | 3,842.47     | 255.50       | 3,844.71                | 0.00                    | 0.00                   | 0.00                  |  |
| 12,500.00             | 90.00           | 0.54        | 7,269.00              | 3,942.47     | 256.44       | 3,944.71                | 0.00                    | 0.00                   | 0.00                  |  |
| 12,600.00             | 90.00           | 0.54        | 7,269.00              | 4,042.46     | 257.39       | 4,044.71                | 0.00                    | 0.00                   | 0.00                  |  |
| 12,700.00             | 90.00           | 0.54        | 7,269.00              | 4,142.46     | 258.34       | 4,144.71                | 0.00                    | 0.00                   | 0.00                  |  |
| 12,800.00             | 90.00           | 0.54        | 7,269.00              | 4,242.45     | 259.28       | 4,244.71                | 0.00                    | 0.00                   | 0.00                  |  |
| 12,900.00             | 90.00           | 0.54        | 7,269.00              | 4,342.45     | 260.23       | 4,344.71                | 0.00                    | 0.00                   | 0.00                  |  |
| 13,000.00             | 90.00           | 0.54        | 7,269.00              | 4,442.44     | 261.18       | 4,444.71                | 0.00                    | 0.00                   | 0.00                  |  |
| 13,100.00             | 90.00           | 0.54        | 7,269.00              | 4,542.44     | 262.12       | 4,544.71                | 0.00                    | 0.00                   | 0.00                  |  |
| 13,200.00             | 90.00           | 0.54        | 7,269.00              | 4,642.43     | 263.07       | 4,644.71                | 0.00                    | 0.00                   | 0.00                  |  |
| 13,300.00             | 90.00           | 0.54        | 7,269.00              | 4,742.43     | 264.01       | 4,744.71                | 0.00                    | 0.00                   | 0.00                  |  |
| 13,400.00             | 90.00           | 0.54        | 7,269.00              | 4,842.43     | 264.96       | 4,844.71                | 0.00                    | 0.00                   | 0.00                  |  |
| 13,500.00             | 90.00           | 0.54        | 7,269.00              | 4,942.42     | 265.91       | 4,944.71                | 0.00                    | 0.00                   | 0.00                  |  |
| 13,600.00             | 90.00           | 0.54        | 7,269.00              | 5,042.42     | 266.85       | 5,044.71                | 0.00                    | 0.00                   | 0.00                  |  |
| 13,700.00             | 90.00           | 0.54        | 7,269.00              | 5,142.41     | 267.80       | 5,144.71                | 0.00                    | 0.00                   | 0.00                  |  |
| 13,800.00             | 90.00           | 0.54        | 7,269.00              | 5,242.41     | 268.75       | 5,244.71                | 0.00                    | 0.00                   | 0.00                  |  |
| 13,900.00             | 90.00           | 0.54        | 7,269.00              | 5,342.40     | 269.69       | 5,344.71                | 0.00                    | 0.00                   | 0.00                  |  |
| 14,000.00             | 90.00           | 0.54        | 7,269.00              | 5,442.40     | 270.64       | 5,444.71                | 0.00                    | 0.00                   | 0.00                  |  |
| 14,100.00             | 90.00           | 0.54        | 7,269.00              | 5,542.39     | 271.59       | 5,544.71                | 0.00                    | 0.00                   | 0.00                  |  |
| 14,200.00             | 90.00           | 0.54        | 7,269.00              | 5,642.39     | 272.53       | 5,644.71                | 0.00                    | 0.00                   | 0.00                  |  |
| 14,300.00             | 90.00           | 0.54        | 7,269.00              | 5,742.38     | 273.48       | 5,744.71                | 0.00                    | 0.00                   | 0.00                  |  |





## Planning Report

|                  |                              |                                     |                           |
|------------------|------------------------------|-------------------------------------|---------------------------|
| <b>Database:</b> | EDM 5000.1.13 Single User Db | <b>Local Co-ordinate Reference:</b> | Well #5807BW              |
| <b>Company:</b>  | HighPoint Resources          | <b>TVD Reference:</b>               | RKB = 16.5' @ 5415.20usft |
| <b>Project:</b>  | Weld Co., CO (NAD-83/ N-Zn)  | <b>MD Reference:</b>                | RKB = 16.5' @ 5415.20usft |
| <b>Site:</b>     | Fox Creek 25                 | <b>North Reference:</b>             | True                      |
| <b>Well:</b>     | #5807BW                      | <b>Survey Calculation Method:</b>   | Minimum Curvature         |
| <b>Wellbore:</b> | OH                           |                                     |                           |
| <b>Design:</b>   | Plan #1                      |                                     |                           |

### Planned 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) |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 14,400.00             | 90.00           | 0.54        | 7,269.00              | 5,842.38     | 274.42       | 5,844.71                | 0.00                    | 0.00                   | 0.00                  |
| 14,500.00             | 90.00           | 0.54        | 7,269.00              | 5,942.38     | 275.37       | 5,944.71                | 0.00                    | 0.00                   | 0.00                  |
| 14,600.00             | 90.00           | 0.54        | 7,269.00              | 6,042.37     | 276.32       | 6,044.71                | 0.00                    | 0.00                   | 0.00                  |
| 14,700.00             | 90.00           | 0.54        | 7,269.00              | 6,142.37     | 277.26       | 6,144.71                | 0.00                    | 0.00                   | 0.00                  |
| 14,800.00             | 90.00           | 0.54        | 7,269.00              | 6,242.36     | 278.21       | 6,244.71                | 0.00                    | 0.00                   | 0.00                  |
| 14,900.00             | 90.00           | 0.54        | 7,269.00              | 6,342.36     | 279.16       | 6,344.71                | 0.00                    | 0.00                   | 0.00                  |
| 15,000.00             | 90.00           | 0.54        | 7,269.00              | 6,442.35     | 280.10       | 6,444.71                | 0.00                    | 0.00                   | 0.00                  |
| 15,100.00             | 90.00           | 0.54        | 7,269.00              | 6,542.35     | 281.05       | 6,544.71                | 0.00                    | 0.00                   | 0.00                  |
| 15,200.00             | 90.00           | 0.54        | 7,269.00              | 6,642.34     | 281.99       | 6,644.71                | 0.00                    | 0.00                   | 0.00                  |
| 15,300.00             | 90.00           | 0.54        | 7,269.00              | 6,742.34     | 282.94       | 6,744.71                | 0.00                    | 0.00                   | 0.00                  |
| 15,400.00             | 90.00           | 0.54        | 7,269.00              | 6,842.34     | 283.89       | 6,844.71                | 0.00                    | 0.00                   | 0.00                  |
| 15,500.00             | 90.00           | 0.54        | 7,269.00              | 6,942.33     | 284.83       | 6,944.71                | 0.00                    | 0.00                   | 0.00                  |
| 15,600.00             | 90.00           | 0.54        | 7,269.00              | 7,042.33     | 285.78       | 7,044.71                | 0.00                    | 0.00                   | 0.00                  |
| 15,700.00             | 90.00           | 0.54        | 7,269.00              | 7,142.32     | 286.73       | 7,144.71                | 0.00                    | 0.00                   | 0.00                  |
| 15,800.00             | 90.00           | 0.54        | 7,269.00              | 7,242.32     | 287.67       | 7,244.71                | 0.00                    | 0.00                   | 0.00                  |
| 15,900.00             | 90.00           | 0.54        | 7,269.00              | 7,342.31     | 288.62       | 7,344.71                | 0.00                    | 0.00                   | 0.00                  |
| 16,000.00             | 90.00           | 0.54        | 7,269.00              | 7,442.31     | 289.57       | 7,444.71                | 0.00                    | 0.00                   | 0.00                  |
| 16,100.00             | 90.00           | 0.54        | 7,269.00              | 7,542.30     | 290.51       | 7,544.71                | 0.00                    | 0.00                   | 0.00                  |
| 16,200.00             | 90.00           | 0.54        | 7,269.00              | 7,642.30     | 291.46       | 7,644.71                | 0.00                    | 0.00                   | 0.00                  |
| 16,300.00             | 90.00           | 0.54        | 7,269.00              | 7,742.30     | 292.40       | 7,744.71                | 0.00                    | 0.00                   | 0.00                  |
| 16,400.00             | 90.00           | 0.54        | 7,269.00              | 7,842.29     | 293.35       | 7,844.71                | 0.00                    | 0.00                   | 0.00                  |
| 16,500.00             | 90.00           | 0.54        | 7,269.00              | 7,942.29     | 294.30       | 7,944.71                | 0.00                    | 0.00                   | 0.00                  |
| 16,600.00             | 90.00           | 0.54        | 7,269.00              | 8,042.28     | 295.24       | 8,044.71                | 0.00                    | 0.00                   | 0.00                  |
| 16,700.00             | 90.00           | 0.54        | 7,269.00              | 8,142.28     | 296.19       | 8,144.71                | 0.00                    | 0.00                   | 0.00                  |
| 16,800.00             | 90.00           | 0.54        | 7,269.00              | 8,242.27     | 297.14       | 8,244.71                | 0.00                    | 0.00                   | 0.00                  |
| 16,900.00             | 90.00           | 0.54        | 7,269.00              | 8,342.27     | 298.08       | 8,344.71                | 0.00                    | 0.00                   | 0.00                  |
| 17,000.00             | 90.00           | 0.54        | 7,269.00              | 8,442.26     | 299.03       | 8,444.71                | 0.00                    | 0.00                   | 0.00                  |
| 17,100.00             | 90.00           | 0.54        | 7,269.00              | 8,542.26     | 299.98       | 8,544.71                | 0.00                    | 0.00                   | 0.00                  |
| 17,200.00             | 90.00           | 0.54        | 7,269.00              | 8,642.26     | 300.92       | 8,644.71                | 0.00                    | 0.00                   | 0.00                  |
| 17,300.00             | 90.00           | 0.54        | 7,269.00              | 8,742.25     | 301.87       | 8,744.71                | 0.00                    | 0.00                   | 0.00                  |
| 17,400.00             | 90.00           | 0.54        | 7,269.00              | 8,842.25     | 302.81       | 8,844.71                | 0.00                    | 0.00                   | 0.00                  |
| 17,500.00             | 90.00           | 0.54        | 7,269.00              | 8,942.24     | 303.76       | 8,944.71                | 0.00                    | 0.00                   | 0.00                  |
| 17,600.00             | 90.00           | 0.54        | 7,269.00              | 9,042.24     | 304.71       | 9,044.71                | 0.00                    | 0.00                   | 0.00                  |
| 17,700.00             | 90.00           | 0.54        | 7,269.00              | 9,142.23     | 305.65       | 9,144.71                | 0.00                    | 0.00                   | 0.00                  |
| 17,729.09             | 90.00           | 0.54        | 7,269.00              | 9,171.32     | 305.93       | 9,173.80                | 0.00                    | 0.00                   | 0.00                  |

### Design Targets

| Target Name   | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/-S (usft) | +E/-W (usft) | Northing (usft) | Easting (usft) | Latitude   | Longitude    |
|---|---------------|--------------|------------|--------------|--------------|-----------------|----------------|------------|--------------|
| - hit/miss target   |               |              |            |              |              |                 |                |            |              |
| - Shape   |               |              |            |              |              |                 |                |            |              |
| FC 25 5807BW SHL:<br>- plan hits target center<br>- Point | 0.00          | 0.00         | 0.00       | 0.00         | 0.00         | 1,600,347.25    | 3,310,125.72   | 40.9759208 | -104.3769126 |
| FC 25 5807BW PBHL<br>- plan hits target center<br>- Point | 0.00          | 0.00         | 7,269.00   | 9,171.32     | 305.93       | 1,609,521.71    | 3,310,315.47   | 41.0010916 | -104.3758043 |
| FC 25 5807BW LP<br>- plan hits target center<br>- Point   | 0.00          | 0.00         | 7,269.00   | -781.86      | 211.73       | 1,599,568.13    | 3,310,347.34   | 40.9737750 | -104.3761459 |





## Planning Report

|                  |                              |                                     |                           |
|------------------|------------------------------|-------------------------------------|---------------------------|
| <b>Database:</b> | EDM 5000.1.13 Single User Db | <b>Local Co-ordinate Reference:</b> | Well #5807BW              |
| <b>Company:</b>  | HighPoint Resources          | <b>TVD Reference:</b>               | RKB = 16.5' @ 5415.20usft |
| <b>Project:</b>  | Weld Co., CO (NAD-83/ N-Zn)  | <b>MD Reference:</b>                | RKB = 16.5' @ 5415.20usft |
| <b>Site:</b>     | Fox Creek 25                 | <b>North Reference:</b>             | True                      |
| <b>Well:</b>     | #5807BW                      | <b>Survey Calculation Method:</b>   | Minimum Curvature         |
| <b>Wellbore:</b> | OH                           |                                     |                           |
| <b>Design:</b>   | Plan #1                      |                                     |                           |