



PROJECT DETAILS: Weld County, CO NAD 83

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

Project: Weld County, CO NAD 83
Site: SRC Fagerberg 13-12 Pad
Well: Fagerberg 25N-7C-M
Wellbore: OH
Design: Plan #2



Azimuths to True North
Magnetic North: 8.49°



Magnetic Field
Strength: 52600.7nT
Dip Angle: 67.03°
Date: 2/17/2016
Model: BGGM2015

SECTION DETAILS

| MD | Inc | Azi | TVD | +N/-S | +E/-W | Dleg | TFace | VSect |
|----------|-------|--------|---------|---------|---------|-------|--------|---------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 300.00 | 0.00 | 0.00 | 300.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1099.92 | 16.00 | 352.88 | 1089.57 | 110.10 | -13.75 | 2.00 | 352.88 | 5.55 |
| 5417.39 | 16.00 | 352.88 | 5239.81 | 1290.86 | -161.25 | 0.00 | 0.00 | 65.10 |
| 6217.31 | 0.00 | 0.00 | 6029.38 | 1400.96 | -175.00 | 2.00 | 180.00 | 70.65 |
| 6842.06 | 0.00 | 0.00 | 6654.13 | 1400.96 | -175.00 | 0.00 | 0.00 | 70.65 |
| 7660.24 | 90.00 | 90.00 | 7175.00 | 1400.96 | 345.87 | 11.00 | 90.00 | 583.63 |
| 15268.82 | 90.00 | 90.00 | 7175.00 | 1400.96 | 7954.45 | 0.00 | 0.00 | 8076.88 |

WELL DETAILS: Fagerberg 25N-7C-M

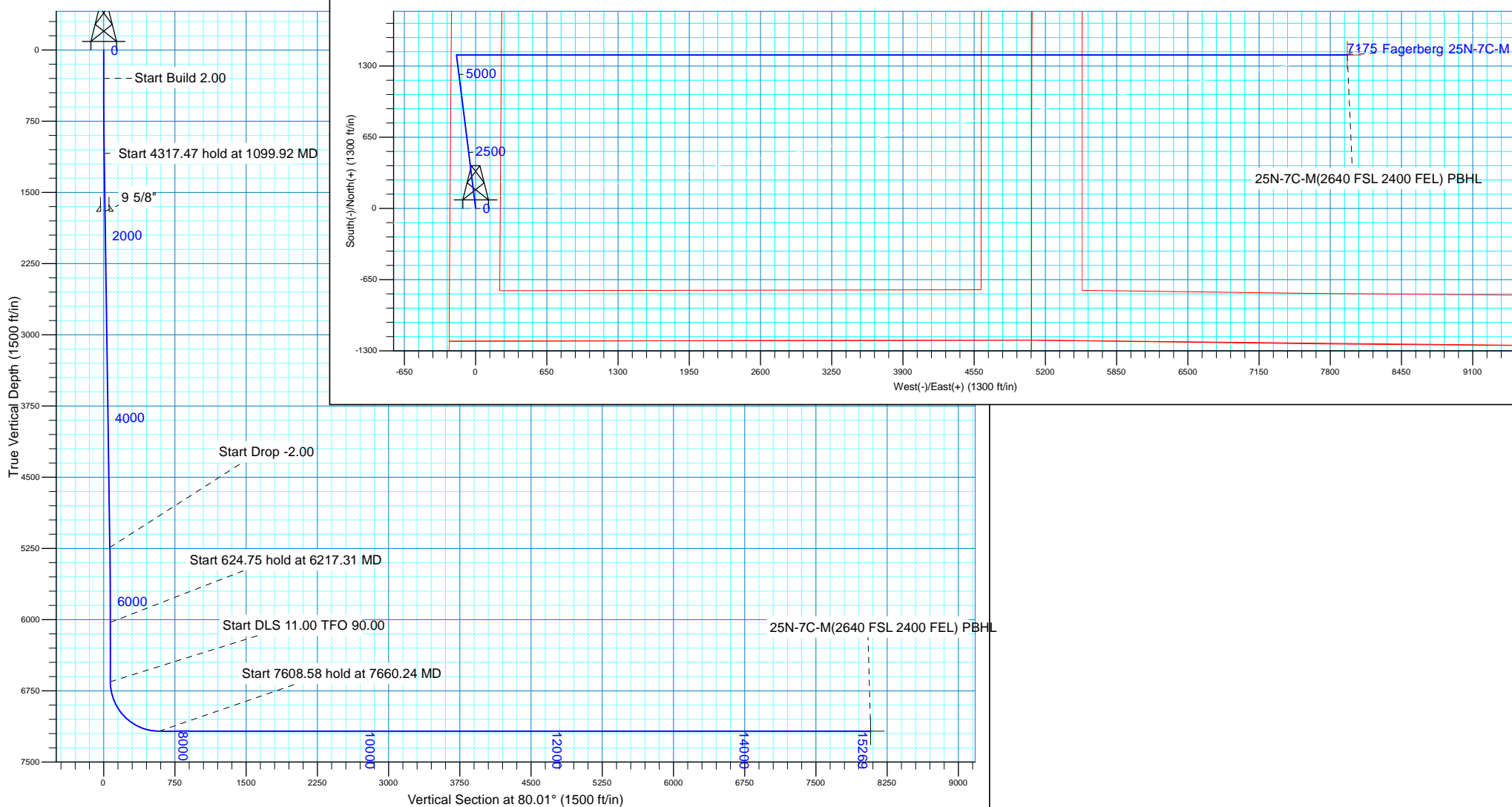
| | | GL 4800 & KB 20 @ 4820.00ft (PD 462) | | 4800.00 | |
|-------|-------|--------------------------------------|------------|------------|--------------|
| +N/-S | +E/-W | Northing | Easting | Latitude | Longitude |
| 0.00 | 0.00 | 1425508.09 | 3212990.02 | 40.4988960 | -104.7341260 |

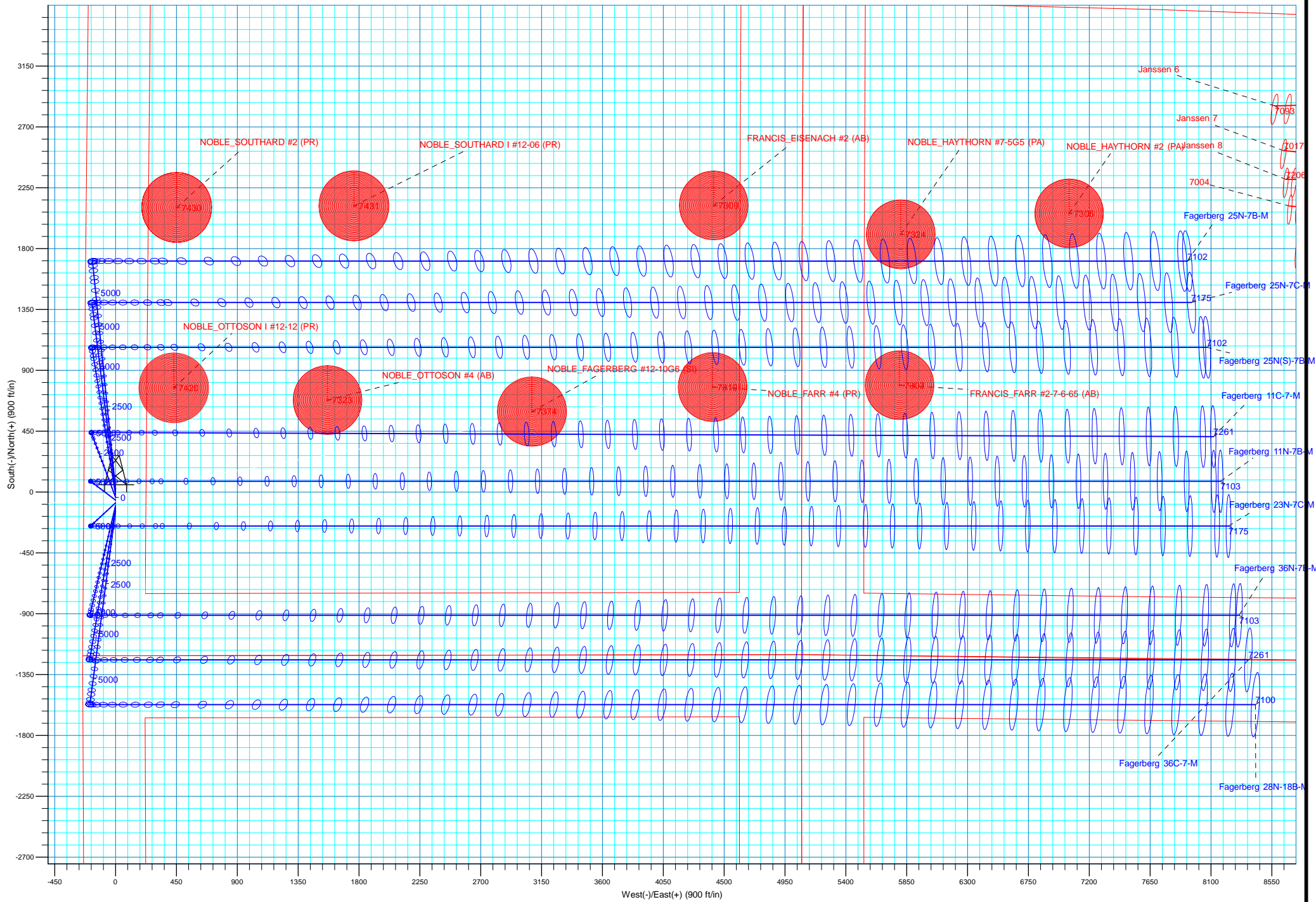
Plan: Plan #2 (Fagerberg 25N-7C-M/OH)

CASING DETAILS

Created By: rscott Date: 12:36, February 23 2016

| TVD | MD | Name | Size |
|---------|--------|--------|-------|
| 1700.00 | 734.95 | 9 5/8" | 9.625 |





Plan: Plan #2 (Fagerberg 25N-7C-M/OH)

Created By: rscott Date: 13:34, February 23 2016



Synergy Resources Corp.

**Weld County, CO NAD 83
SRC Fagerberg 13-12 Pad
Fagerberg 25N-7C-M**

OH

Plan: Plan #2

Standard Planning Report

23 February, 2016



| | | | |
|------------------|-------------------------|-------------------------------------|--------------------------------------|
| Database: | Casper District | Local Co-ordinate Reference: | Well Fagerberg 25N-7C-M |
| Company: | Synergy Resources Corp. | TVD Reference: | GL 4800 & KB 20 @ 4820.00ft (PD 462) |
| Project: | Weld County, CO NAD 83 | MD Reference: | GL 4800 & KB 20 @ 4820.00ft (PD 462) |
| Site: | SRC Fagerberg 13-12 Pad | North Reference: | True |
| Well: | Fagerberg 25N-7C-M | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | Plan #2 | | |

| | | | |
|--------------------|---------------------------|----------------------|----------------|
| Project | Weld County, CO NAD 83 | | |
| Map System: | US State Plane 1983 | System Datum: | Mean Sea Level |
| Geo Datum: | North American Datum 1983 | | |
| Map Zone: | Colorado Northern Zone | | |

| | | | | | |
|-----------------------|----------|--|-------------------|-------------------|--------------|
| Site | | SRC Fagerberg 13-12 Pad, SECTION 12 T6N R66W | | | |
| Site Position: | | Northing: | 1,425,367.83 usft | Latitude: | 40.4985110 |
| From: | Lat/Long | Easting: | 3,212,990.12 usft | Longitude: | -104.7341300 |
| Position Uncertainty: | 3.28 ft | Slot Radius: | 13.200 in | Grid Convergence: | 0.49 ° |

| Well | Fagerberg 25N-7C-M, 1211 FSL 235 FWL | | | | | |
|----------------------|--------------------------------------|-----------|---------------------|-------------------|---------------|--------------|
| Well Position | +N/-S | 140.25 ft | Northing: | 1,425,508.09 usft | Latitude: | 40.4988960 |
| | +E/-W | 1.11 ft | Easting: | 3,212,990.03 usft | Longitude: | -104.7341260 |
| Position Uncertainty | | 3.28 ft | Wellhead Elevation: | 0.00 ft | Ground Level: | 4,800.00 ft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | OH | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | BGGM2015 | 2/17/2016 | 8.49 | 67.03 | 52,601 |

| | | | | |
|--------------------------|------------------------------|-------------------|----------------------|----------------------|
| Design | Plan #2 | | | |
| Audit Notes: | | | | |
| Version: | Phase: | PLAN | Tie On Depth: | 0.00 |
| Vertical Section: | Depth From (TVD) (ft) | +N/-S (ft) | +E/-W (ft) | Direction (°) |
| | 0.00 | 0.00 | 0.00 | 80.01 |

| Plan Sections | | | | | | | | | | |
|----------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|----------------------|---------------------|---------|---------------------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) | TFO (°) | Target |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 300.00 | 0.00 | 0.00 | 300.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 1,099.92 | 16.00 | 352.88 | 1,089.57 | 110.10 | -13.75 | 2.00 | 2.00 | 0.00 | 352.88 | |
| 5,417.39 | 16.00 | 352.88 | 5,239.82 | 1,290.86 | -161.25 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 6,217.31 | 0.00 | 0.00 | 6,029.38 | 1,400.96 | -175.00 | 2.00 | -2.00 | 0.00 | 180.00 | |
| 6,842.06 | 0.00 | 0.00 | 6,654.13 | 1,400.96 | -175.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 7,660.24 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 345.87 | 11.00 | 11.00 | 11.00 | 90.00 | |
| 15,268.82 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 7,954.45 | 0.00 | 0.00 | 0.00 | 0.00 | 25N-7C-M(2640 FSL : |

| | | | |
|------------------|-------------------------|-------------------------------------|--------------------------------------|
| Database: | Casper District | Local Co-ordinate Reference: | Well Fagerberg 25N-7C-M |
| Company: | Synergy Resources Corp. | TVD Reference: | GL 4800 & KB 20 @ 4820.00ft (PD 462) |
| Project: | Weld County, CO NAD 83 | MD Reference: | GL 4800 & KB 20 @ 4820.00ft (PD 462) |
| Site: | SRC Fagerberg 13-12 Pad | North Reference: | True |
| Well: | Fagerberg 25N-7C-M | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | Plan #2 | | |

| Planned Survey | | | | | | | | | |
|---|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 100.00 | 0.00 | 0.00 | 100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 200.00 | 0.00 | 0.00 | 200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 300.00 | 0.00 | 0.00 | 300.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Start Build 2.00 | | | | | | | | | |
| 400.00 | 2.00 | 352.88 | 399.98 | 1.73 | -0.22 | 0.09 | 2.00 | 2.00 | 0.00 |
| 500.00 | 4.00 | 352.88 | 499.84 | 6.92 | -0.86 | 0.35 | 2.00 | 2.00 | 0.00 |
| 600.00 | 6.00 | 352.88 | 599.45 | 15.57 | -1.95 | 0.79 | 2.00 | 2.00 | 0.00 |
| 700.00 | 8.00 | 352.88 | 698.70 | 27.66 | -3.46 | 1.40 | 2.00 | 2.00 | 0.00 |
| 800.00 | 10.00 | 352.88 | 797.47 | 43.19 | -5.39 | 2.18 | 2.00 | 2.00 | 0.00 |
| 900.00 | 12.00 | 352.88 | 895.62 | 62.12 | -7.76 | 3.13 | 2.00 | 2.00 | 0.00 |
| 1,000.00 | 14.00 | 352.88 | 993.06 | 84.44 | -10.55 | 4.26 | 2.00 | 2.00 | 0.00 |
| 1,099.92 | 16.00 | 352.88 | 1,089.57 | 110.10 | -13.75 | 5.55 | 2.00 | 2.00 | 0.00 |
| Start 4317.47 hold at 1099.92 MD | | | | | | | | | |
| 1,100.00 | 16.00 | 352.88 | 1,089.64 | 110.12 | -13.76 | 5.55 | 0.00 | 0.00 | 0.00 |
| 1,200.00 | 16.00 | 352.88 | 1,185.77 | 137.47 | -17.17 | 6.93 | 0.00 | 0.00 | 0.00 |
| 1,300.00 | 16.00 | 352.88 | 1,281.90 | 164.82 | -20.59 | 8.31 | 0.00 | 0.00 | 0.00 |
| 1,400.00 | 16.00 | 352.88 | 1,378.02 | 192.17 | -24.00 | 9.69 | 0.00 | 0.00 | 0.00 |
| 1,500.00 | 16.00 | 352.88 | 1,474.15 | 219.52 | -27.42 | 11.07 | 0.00 | 0.00 | 0.00 |
| 1,600.00 | 16.00 | 352.88 | 1,570.28 | 246.86 | -30.84 | 12.45 | 0.00 | 0.00 | 0.00 |
| 1,700.00 | 16.00 | 352.88 | 1,666.40 | 274.21 | -34.25 | 13.83 | 0.00 | 0.00 | 0.00 |
| 1,734.95 | 16.00 | 352.88 | 1,700.00 | 283.77 | -35.45 | 14.31 | 0.00 | 0.00 | 0.00 |
| 9 5/8" | | | | | | | | | |
| 1,800.00 | 16.00 | 352.88 | 1,762.53 | 301.56 | -37.67 | 15.21 | 0.00 | 0.00 | 0.00 |
| 1,900.00 | 16.00 | 352.88 | 1,858.66 | 328.91 | -41.09 | 16.59 | 0.00 | 0.00 | 0.00 |
| 2,000.00 | 16.00 | 352.88 | 1,954.79 | 356.26 | -44.50 | 17.97 | 0.00 | 0.00 | 0.00 |
| 2,100.00 | 16.00 | 352.88 | 2,050.91 | 383.61 | -47.92 | 19.35 | 0.00 | 0.00 | 0.00 |
| 2,200.00 | 16.00 | 352.88 | 2,147.04 | 410.95 | -51.33 | 20.73 | 0.00 | 0.00 | 0.00 |
| 2,300.00 | 16.00 | 352.88 | 2,243.17 | 438.30 | -54.75 | 22.10 | 0.00 | 0.00 | 0.00 |
| 2,400.00 | 16.00 | 352.88 | 2,339.29 | 465.65 | -58.17 | 23.48 | 0.00 | 0.00 | 0.00 |
| 2,500.00 | 16.00 | 352.88 | 2,435.42 | 493.00 | -61.58 | 24.86 | 0.00 | 0.00 | 0.00 |
| 2,600.00 | 16.00 | 352.88 | 2,531.55 | 520.35 | -65.00 | 26.24 | 0.00 | 0.00 | 0.00 |
| 2,700.00 | 16.00 | 352.88 | 2,627.67 | 547.70 | -68.42 | 27.62 | 0.00 | 0.00 | 0.00 |
| 2,800.00 | 16.00 | 352.88 | 2,723.80 | 575.05 | -71.83 | 29.00 | 0.00 | 0.00 | 0.00 |
| 2,900.00 | 16.00 | 352.88 | 2,819.93 | 602.39 | -75.25 | 30.38 | 0.00 | 0.00 | 0.00 |
| 3,000.00 | 16.00 | 352.88 | 2,916.05 | 629.74 | -78.66 | 31.76 | 0.00 | 0.00 | 0.00 |
| 3,100.00 | 16.00 | 352.88 | 3,012.18 | 657.09 | -82.08 | 33.14 | 0.00 | 0.00 | 0.00 |
| 3,200.00 | 16.00 | 352.88 | 3,108.31 | 684.44 | -85.50 | 34.52 | 0.00 | 0.00 | 0.00 |
| 3,300.00 | 16.00 | 352.88 | 3,204.44 | 711.79 | -88.91 | 35.90 | 0.00 | 0.00 | 0.00 |
| 3,400.00 | 16.00 | 352.88 | 3,300.56 | 739.14 | -92.33 | 37.28 | 0.00 | 0.00 | 0.00 |
| 3,500.00 | 16.00 | 352.88 | 3,396.69 | 766.48 | -95.74 | 38.66 | 0.00 | 0.00 | 0.00 |
| 3,600.00 | 16.00 | 352.88 | 3,492.82 | 793.83 | -99.16 | 40.03 | 0.00 | 0.00 | 0.00 |
| 3,700.00 | 16.00 | 352.88 | 3,588.94 | 821.18 | -102.58 | 41.41 | 0.00 | 0.00 | 0.00 |
| 3,800.00 | 16.00 | 352.88 | 3,685.07 | 848.53 | -105.99 | 42.79 | 0.00 | 0.00 | 0.00 |
| 3,900.00 | 16.00 | 352.88 | 3,781.20 | 875.88 | -109.41 | 44.17 | 0.00 | 0.00 | 0.00 |
| 4,000.00 | 16.00 | 352.88 | 3,877.32 | 903.23 | -112.83 | 45.55 | 0.00 | 0.00 | 0.00 |
| 4,100.00 | 16.00 | 352.88 | 3,973.45 | 930.58 | -116.24 | 46.93 | 0.00 | 0.00 | 0.00 |
| 4,200.00 | 16.00 | 352.88 | 4,069.58 | 957.92 | -119.66 | 48.31 | 0.00 | 0.00 | 0.00 |
| 4,300.00 | 16.00 | 352.88 | 4,165.71 | 985.27 | -123.07 | 49.69 | 0.00 | 0.00 | 0.00 |
| 4,400.00 | 16.00 | 352.88 | 4,261.83 | 1,012.62 | -126.49 | 51.07 | 0.00 | 0.00 | 0.00 |
| 4,500.00 | 16.00 | 352.88 | 4,357.96 | 1,039.97 | -129.91 | 52.45 | 0.00 | 0.00 | 0.00 |
| 4,600.00 | 16.00 | 352.88 | 4,454.09 | 1,067.32 | -133.32 | 53.83 | 0.00 | 0.00 | 0.00 |
| 4,700.00 | 16.00 | 352.88 | 4,550.21 | 1,094.67 | -136.74 | 55.21 | 0.00 | 0.00 | 0.00 |

| | | | |
|------------------|-------------------------|-------------------------------------|--------------------------------------|
| Database: | Casper District | Local Co-ordinate Reference: | Well Fagerberg 25N-7C-M |
| Company: | Synergy Resources Corp. | TVD Reference: | GL 4800 & KB 20 @ 4820.00ft (PD 462) |
| Project: | Weld County, CO NAD 83 | MD Reference: | GL 4800 & KB 20 @ 4820.00ft (PD 462) |
| Site: | SRC Fagerberg 13-12 Pad | North Reference: | True |
| Well: | Fagerberg 25N-7C-M | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | Plan #2 | | |

| Planned Survey | | | | | | | | | |
|---|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
| 4,800.00 | 16.00 | 352.88 | 4,646.34 | 1,122.02 | -140.16 | 56.59 | 0.00 | 0.00 | 0.00 |
| 4,900.00 | 16.00 | 352.88 | 4,742.47 | 1,149.36 | -143.57 | 57.96 | 0.00 | 0.00 | 0.00 |
| 5,000.00 | 16.00 | 352.88 | 4,838.59 | 1,176.71 | -146.99 | 59.34 | 0.00 | 0.00 | 0.00 |
| 5,100.00 | 16.00 | 352.88 | 4,934.72 | 1,204.06 | -150.40 | 60.72 | 0.00 | 0.00 | 0.00 |
| 5,200.00 | 16.00 | 352.88 | 5,030.85 | 1,231.41 | -153.82 | 62.10 | 0.00 | 0.00 | 0.00 |
| 5,300.00 | 16.00 | 352.88 | 5,126.97 | 1,258.76 | -157.24 | 63.48 | 0.00 | 0.00 | 0.00 |
| 5,400.00 | 16.00 | 352.88 | 5,223.10 | 1,286.11 | -160.65 | 64.86 | 0.00 | 0.00 | 0.00 |
| 5,417.39 | 16.00 | 352.88 | 5,239.82 | 1,290.86 | -161.25 | 65.10 | 0.00 | 0.00 | 0.00 |
| Start Drop -2.00 | | | | | | | | | |
| 5,500.00 | 14.35 | 352.88 | 5,319.55 | 1,312.32 | -163.93 | 66.18 | 2.00 | -2.00 | 0.00 |
| 5,600.00 | 12.35 | 352.88 | 5,416.84 | 1,335.22 | -166.79 | 67.34 | 2.00 | -2.00 | 0.00 |
| 5,700.00 | 10.35 | 352.88 | 5,514.88 | 1,354.74 | -169.23 | 68.32 | 2.00 | -2.00 | 0.00 |
| 5,800.00 | 8.35 | 352.88 | 5,613.55 | 1,370.85 | -171.24 | 69.13 | 2.00 | -2.00 | 0.00 |
| 5,900.00 | 6.35 | 352.88 | 5,712.72 | 1,383.54 | -172.82 | 69.77 | 2.00 | -2.00 | 0.00 |
| 6,000.00 | 4.35 | 352.88 | 5,812.28 | 1,392.79 | -173.98 | 70.24 | 2.00 | -2.00 | 0.00 |
| 6,100.00 | 2.35 | 352.88 | 5,912.11 | 1,398.58 | -174.70 | 70.53 | 2.00 | -2.00 | 0.00 |
| 6,200.00 | 0.35 | 352.88 | 6,012.07 | 1,400.91 | -174.99 | 70.65 | 2.00 | -2.00 | 0.00 |
| 6,217.31 | 0.00 | 0.00 | 6,029.38 | 1,400.96 | -175.00 | 70.65 | 2.00 | -2.00 | 0.00 |
| Start 624.75 hold at 6217.31 MD | | | | | | | | | |
| 6,300.00 | 0.00 | 0.00 | 6,112.07 | 1,400.96 | -175.00 | 70.65 | 0.00 | 0.00 | 0.00 |
| 6,400.00 | 0.00 | 0.00 | 6,212.07 | 1,400.96 | -175.00 | 70.65 | 0.00 | 0.00 | 0.00 |
| 6,500.00 | 0.00 | 0.00 | 6,312.07 | 1,400.96 | -175.00 | 70.65 | 0.00 | 0.00 | 0.00 |
| 6,600.00 | 0.00 | 0.00 | 6,412.07 | 1,400.96 | -175.00 | 70.65 | 0.00 | 0.00 | 0.00 |
| 6,700.00 | 0.00 | 0.00 | 6,512.07 | 1,400.96 | -175.00 | 70.65 | 0.00 | 0.00 | 0.00 |
| 6,800.00 | 0.00 | 0.00 | 6,612.07 | 1,400.96 | -175.00 | 70.65 | 0.00 | 0.00 | 0.00 |
| 6,842.06 | 0.00 | 0.00 | 6,654.13 | 1,400.96 | -175.00 | 70.65 | 0.00 | 0.00 | 0.00 |
| Start DLS 11.00 TFO 90.00 | | | | | | | | | |
| 6,900.00 | 6.37 | 90.00 | 6,711.95 | 1,400.96 | -171.78 | 73.82 | 11.00 | 11.00 | 0.00 |
| 7,000.00 | 17.37 | 90.00 | 6,809.66 | 1,400.96 | -151.24 | 94.06 | 11.00 | 11.00 | 0.00 |
| 7,100.00 | 28.37 | 90.00 | 6,901.66 | 1,400.96 | -112.43 | 132.28 | 11.00 | 11.00 | 0.00 |
| 7,200.00 | 39.37 | 90.00 | 6,984.56 | 1,400.96 | -56.77 | 187.09 | 11.00 | 11.00 | 0.00 |
| 7,300.00 | 50.37 | 90.00 | 7,055.32 | 1,400.96 | 13.67 | 256.46 | 11.00 | 11.00 | 0.00 |
| 7,400.00 | 61.37 | 90.00 | 7,111.33 | 1,400.96 | 96.33 | 337.87 | 11.00 | 11.00 | 0.00 |
| 7,500.00 | 72.37 | 90.00 | 7,150.55 | 1,400.96 | 188.15 | 428.30 | 11.00 | 11.00 | 0.00 |
| 7,600.00 | 83.37 | 90.00 | 7,171.52 | 1,400.96 | 285.77 | 524.44 | 11.00 | 11.00 | 0.00 |
| 7,660.24 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 345.87 | 583.63 | 11.00 | 11.00 | 0.00 |
| Start 7608.58 hold at 7660.24 MD | | | | | | | | | |
| 7,700.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 385.63 | 622.79 | 0.00 | 0.00 | 0.00 |
| 7,800.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 485.63 | 721.27 | 0.00 | 0.00 | 0.00 |
| 7,900.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 585.63 | 819.76 | 0.00 | 0.00 | 0.00 |
| 8,000.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 685.63 | 918.24 | 0.00 | 0.00 | 0.00 |
| 8,100.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 785.63 | 1,016.72 | 0.00 | 0.00 | 0.00 |
| 8,200.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 885.63 | 1,115.21 | 0.00 | 0.00 | 0.00 |
| 8,300.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 985.63 | 1,213.69 | 0.00 | 0.00 | 0.00 |
| 8,400.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 1,085.63 | 1,312.18 | 0.00 | 0.00 | 0.00 |
| 8,500.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 1,185.63 | 1,410.66 | 0.00 | 0.00 | 0.00 |
| 8,600.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 1,285.63 | 1,509.15 | 0.00 | 0.00 | 0.00 |
| 8,700.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 1,385.63 | 1,607.63 | 0.00 | 0.00 | 0.00 |
| 8,800.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 1,485.63 | 1,706.11 | 0.00 | 0.00 | 0.00 |
| 8,900.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 1,585.63 | 1,804.60 | 0.00 | 0.00 | 0.00 |
| 9,000.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 1,685.63 | 1,903.08 | 0.00 | 0.00 | 0.00 |
| 9,100.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 1,785.63 | 2,001.57 | 0.00 | 0.00 | 0.00 |
| 9,200.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 1,885.63 | 2,100.05 | 0.00 | 0.00 | 0.00 |
| 9,300.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 1,985.63 | 2,198.54 | 0.00 | 0.00 | 0.00 |

| | | | |
|------------------|-------------------------|-------------------------------------|--------------------------------------|
| Database: | Casper District | Local Co-ordinate Reference: | Well Fagerberg 25N-7C-M |
| Company: | Synergy Resources Corp. | TVD Reference: | GL 4800 & KB 20 @ 4820.00ft (PD 462) |
| Project: | Weld County, CO NAD 83 | MD Reference: | GL 4800 & KB 20 @ 4820.00ft (PD 462) |
| Site: | SRC Fagerberg 13-12 Pad | North Reference: | True |
| Well: | Fagerberg 25N-7C-M | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | Plan #2 | | |

| Planned Survey | | | | | | | | | |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
| 9,400.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 2,085.63 | 2,297.02 | 0.00 | 0.00 | 0.00 |
| 9,500.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 2,185.63 | 2,395.50 | 0.00 | 0.00 | 0.00 |
| 9,600.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 2,285.63 | 2,493.99 | 0.00 | 0.00 | 0.00 |
| 9,700.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 2,385.63 | 2,592.47 | 0.00 | 0.00 | 0.00 |
| 9,800.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 2,485.63 | 2,690.96 | 0.00 | 0.00 | 0.00 |
| 9,900.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 2,585.63 | 2,789.44 | 0.00 | 0.00 | 0.00 |
| 10,000.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 2,685.63 | 2,887.92 | 0.00 | 0.00 | 0.00 |
| 10,100.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 2,785.63 | 2,986.41 | 0.00 | 0.00 | 0.00 |
| 10,200.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 2,885.63 | 3,084.89 | 0.00 | 0.00 | 0.00 |
| 10,300.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 2,985.63 | 3,183.38 | 0.00 | 0.00 | 0.00 |
| 10,400.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 3,085.63 | 3,281.86 | 0.00 | 0.00 | 0.00 |
| 10,500.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 3,185.63 | 3,380.35 | 0.00 | 0.00 | 0.00 |
| 10,600.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 3,285.63 | 3,478.83 | 0.00 | 0.00 | 0.00 |
| 10,700.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 3,385.63 | 3,577.31 | 0.00 | 0.00 | 0.00 |
| 10,800.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 3,485.63 | 3,675.80 | 0.00 | 0.00 | 0.00 |
| 10,900.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 3,585.63 | 3,774.28 | 0.00 | 0.00 | 0.00 |
| 11,000.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 3,685.63 | 3,872.77 | 0.00 | 0.00 | 0.00 |
| 11,100.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 3,785.63 | 3,971.25 | 0.00 | 0.00 | 0.00 |
| 11,200.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 3,885.63 | 4,069.74 | 0.00 | 0.00 | 0.00 |
| 11,300.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 3,985.63 | 4,168.22 | 0.00 | 0.00 | 0.00 |
| 11,400.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 4,085.63 | 4,266.70 | 0.00 | 0.00 | 0.00 |
| 11,500.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 4,185.63 | 4,365.19 | 0.00 | 0.00 | 0.00 |
| 11,600.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 4,285.63 | 4,463.67 | 0.00 | 0.00 | 0.00 |
| 11,700.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 4,385.63 | 4,562.16 | 0.00 | 0.00 | 0.00 |
| 11,800.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 4,485.63 | 4,660.64 | 0.00 | 0.00 | 0.00 |
| 11,900.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 4,585.63 | 4,759.12 | 0.00 | 0.00 | 0.00 |
| 12,000.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 4,685.63 | 4,857.61 | 0.00 | 0.00 | 0.00 |
| 12,100.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 4,785.63 | 4,956.09 | 0.00 | 0.00 | 0.00 |
| 12,200.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 4,885.63 | 5,054.58 | 0.00 | 0.00 | 0.00 |
| 12,300.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 4,985.63 | 5,153.06 | 0.00 | 0.00 | 0.00 |
| 12,400.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 5,085.63 | 5,251.55 | 0.00 | 0.00 | 0.00 |
| 12,500.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 5,185.63 | 5,350.03 | 0.00 | 0.00 | 0.00 |
| 12,600.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 5,285.63 | 5,448.51 | 0.00 | 0.00 | 0.00 |
| 12,700.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 5,385.63 | 5,547.00 | 0.00 | 0.00 | 0.00 |
| 12,800.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 5,485.63 | 5,645.48 | 0.00 | 0.00 | 0.00 |
| 12,900.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 5,585.63 | 5,743.97 | 0.00 | 0.00 | 0.00 |
| 13,000.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 5,685.63 | 5,842.45 | 0.00 | 0.00 | 0.00 |
| 13,100.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 5,785.63 | 5,940.94 | 0.00 | 0.00 | 0.00 |
| 13,200.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 5,885.63 | 6,039.42 | 0.00 | 0.00 | 0.00 |
| 13,300.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 5,985.63 | 6,137.90 | 0.00 | 0.00 | 0.00 |
| 13,400.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 6,085.63 | 6,236.39 | 0.00 | 0.00 | 0.00 |
| 13,500.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 6,185.63 | 6,334.87 | 0.00 | 0.00 | 0.00 |
| 13,600.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 6,285.63 | 6,433.36 | 0.00 | 0.00 | 0.00 |
| 13,700.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 6,385.63 | 6,531.84 | 0.00 | 0.00 | 0.00 |
| 13,800.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 6,485.63 | 6,630.32 | 0.00 | 0.00 | 0.00 |
| 13,900.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 6,585.63 | 6,728.81 | 0.00 | 0.00 | 0.00 |
| 14,000.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 6,685.63 | 6,827.29 | 0.00 | 0.00 | 0.00 |
| 14,100.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 6,785.63 | 6,925.78 | 0.00 | 0.00 | 0.00 |
| 14,200.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 6,885.63 | 7,024.26 | 0.00 | 0.00 | 0.00 |
| 14,300.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 6,985.63 | 7,122.75 | 0.00 | 0.00 | 0.00 |
| 14,400.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 7,085.63 | 7,221.23 | 0.00 | 0.00 | 0.00 |
| 14,500.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 7,185.63 | 7,319.71 | 0.00 | 0.00 | 0.00 |
| 14,600.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 7,285.63 | 7,418.20 | 0.00 | 0.00 | 0.00 |
| 14,700.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 7,385.63 | 7,516.68 | 0.00 | 0.00 | 0.00 |

| | | | |
|------------------|-------------------------|-------------------------------------|--------------------------------------|
| Database: | Casper District | Local Co-ordinate Reference: | Well Fagerberg 25N-7C-M |
| Company: | Synergy Resources Corp. | TVD Reference: | GL 4800 & KB 20 @ 4820.00ft (PD 462) |
| Project: | Weld County, CO NAD 83 | MD Reference: | GL 4800 & KB 20 @ 4820.00ft (PD 462) |
| Site: | SRC Fagerberg 13-12 Pad | North Reference: | True |
| Well: | Fagerberg 25N-7C-M | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | Plan #2 | | |

| Planned Survey | | | | | | | | | |
|---|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
| 14,800.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 7,485.63 | 7,615.17 | 0.00 | 0.00 | 0.00 |
| 14,900.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 7,585.63 | 7,713.65 | 0.00 | 0.00 | 0.00 |
| 15,000.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 7,685.63 | 7,812.14 | 0.00 | 0.00 | 0.00 |
| 15,100.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 7,785.63 | 7,910.62 | 0.00 | 0.00 | 0.00 |
| 15,200.00 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 7,885.63 | 8,009.10 | 0.00 | 0.00 | 0.00 |
| 15,268.82 | 90.00 | 90.00 | 7,175.00 | 1,400.96 | 7,954.45 | 8,076.88 | 0.00 | 0.00 | 0.00 |
| TD at 15268.82 - 25N-7C-M(2640 FSL 2400 FEL) PBHL | | | | | | | | | |

| Design Targets | | | | | | | | | |
|--|---------------|--------------|----------|------------|------------|-----------------|----------------|------------|--------------|
| Target Name - hit/miss target - Shape | Dip Angle (°) | Dip Dir. (°) | TVD (ft) | +N/-S (ft) | +E/-W (ft) | Northing (usft) | Easting (usft) | Latitude | Longitude |
| 25N-7C-M(2640 FSL 2400 FEL) PBHL - plan hits target center - Point | 0.00 | 0.00 | 7,175.00 | 1,400.96 | 7,954.45 | 1,426,977.69 | 3,220,932.07 | 40.5027380 | -104.7055220 |

| Casing Points | | | | | |
|---------------------|---------------------|--------|----------------------|--------------------|--|
| Measured Depth (ft) | Vertical Depth (ft) | Name | Casing Diameter (in) | Hole Diameter (in) | |
| 1,734.95 | 1,700.00 | 9 5/8" | 9.625 | 13.500 | |

| Plan Annotations | | | | |
|---------------------|---------------------|-------------------|------------|----------------------------------|
| Measured Depth (ft) | Vertical Depth (ft) | Local Coordinates | | Comment |
| | | +N/-S (ft) | +E/-W (ft) | |
| 300.00 | 300.00 | 0.00 | 0.00 | Start Build 2.00 |
| 1,099.92 | 1,089.57 | 110.10 | -13.75 | Start 4317.47 hold at 1099.92 MD |
| 5,417.39 | 5,239.82 | 1,290.86 | -161.25 | Start Drop -2.00 |
| 6,217.31 | 6,029.38 | 1,400.96 | -175.00 | Start 624.75 hold at 6217.31 MD |
| 6,842.06 | 6,654.13 | 1,400.96 | -175.00 | Start DLS 11.00 TFO 90.00 |
| 7,660.24 | 7,175.00 | 1,400.96 | 345.87 | Start 7608.58 hold at 7660.24 MD |
| 15,268.82 | 7,175.00 | 1,400.96 | 7,954.45 | TD at 15268.82 |