

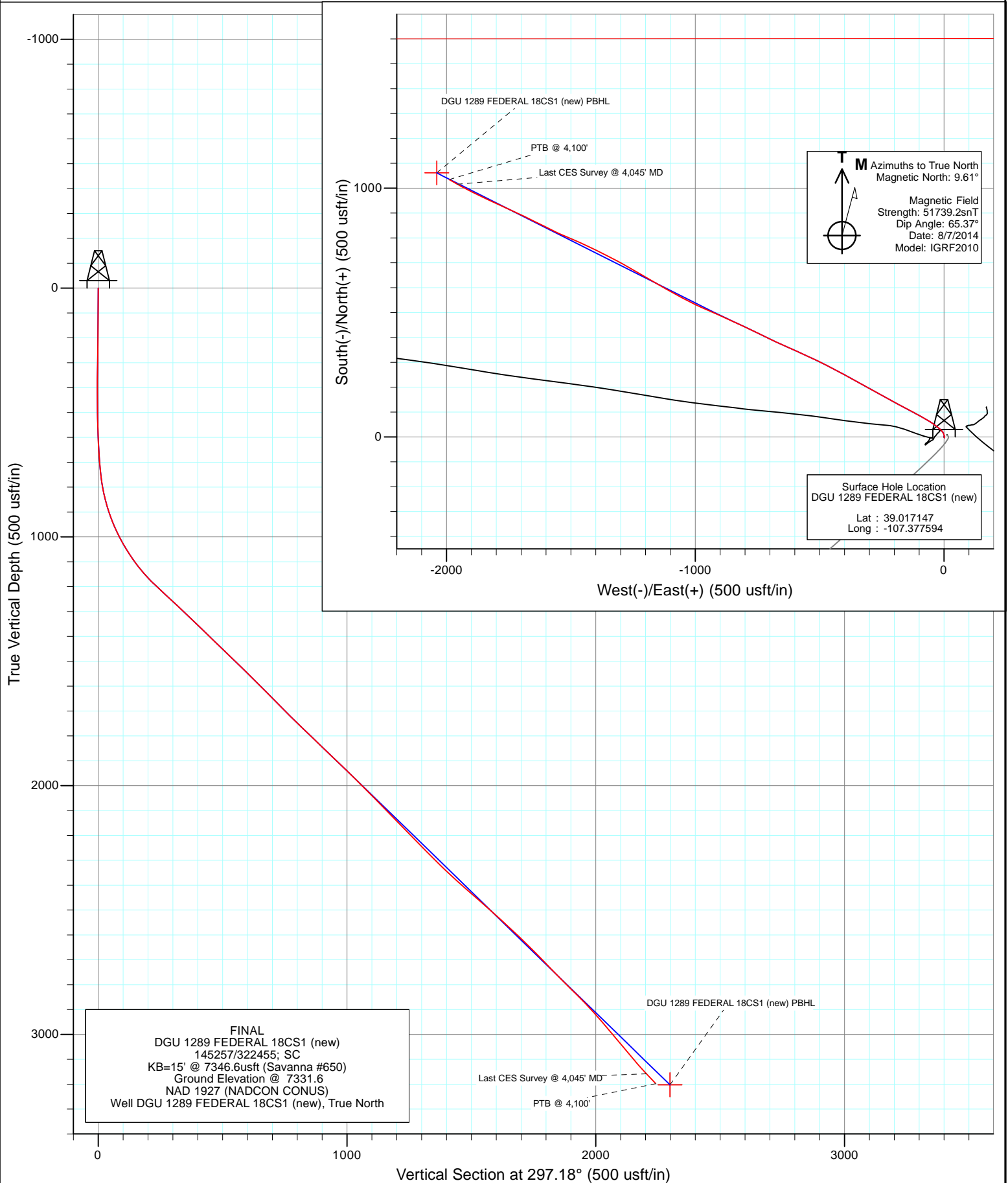


GUNNISON ENERGY CORPORATION

Project: Gunnison County, CO
Site: Deadman Gulch Unit
Well: DGU 1289 FEDERAL 18CS1 (new)
Wellbore: DD
Design: FINAL



CATHEDRAL



Cathedral Energy Services

Survey Report

| | | | |
|------------------|------------------------------|-------------------------------------|------------------------------------|
| Company: | Gunnison Energy Corporation | Local Co-ordinate Reference: | Well DGU 1289 FEDERAL 18CS1 (new) |
| Project: | Gunnison County, CO | TVD Reference: | KB=15' @ 7346.6usft (Savanna #650) |
| Site: | Deadman Gulch Unit | MD Reference: | KB=15' @ 7346.6usft (Savanna #650) |
| Well: | DGU 1289 FEDERAL 18CS1 (new) | North Reference: | True |
| Wellbore: | DD | Survey Calculation Method: | Minimum Curvature |
| Design: | FINAL | Database: | USA EDM 5000 Multi Users DB |

| | | | |
|--------------------|--------------------------------------|----------------------|----------------|
| Project | Gunnison County, CO | | |
| Map System: | US State Plane 1927 (Exact solution) | System Datum: | Mean Sea Level |
| Geo Datum: | NAD 1927 (NADCON CONUS) | | |
| Map Zone: | Colorado South 503 | | |

| Site | | Deadman Gulch Unit | | | |
|-----------------------|----------|--------------------|-------------------|-------------------|-------------|
| Site Position: | | Northing: | 861,393.93 usft | Latitude: | 39.017439 |
| From: | Lat/Long | Easting: | 1,466,429.86 usft | Longitude: | -107.377642 |
| Position Uncertainty: | 0.0 usft | Slot Radius: | 13-3/16 " | Grid Convergence: | -1.15 ° |

| | | | | | | |
|----------------------|------------------------------|----------|---------------------|-------------------|---------------|--------------|
| Well | DGU 1289 FEDERAL 18CS1 (new) | | | | | |
| Well Position | +N/-S | 0.0 usft | Northing: | 861,287.30 usft | Latitude: | 39.017147 |
| | +E/-W | 0.0 usft | Easting: | 1,466,441.36 usft | Longitude: | -107.377594 |
| Position Uncertainty | | 0.0 usft | Wellhead Elevation: | 0.0 usft | Ground Level: | 7,331.6 usft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | DD | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF2010 | 8/7/2014 | 9.61 | 65.37 | 51,739 |

| | | | | | |
|--------------------------|-------------------------|---------------|--------------|----------------------|-----|
| Design | FINAL | | | | |
| Audit Notes: | | | | | |
| Version: | 1.0 | Phase: | ACTUAL | Tie On Depth: | 0.0 |
| Vertical Section: | Depth From (TVD) | +N/-S | +E/-W | Direction | |
| | (usft) | (usft) | (usft) | (°) | |
| | 0.0 | 0.0 | 0.0 | 297.18 | |

| | | | | | |
|-----------------------|------------------|--------------------------|------------------|--------------------|--|
| Survey Program | Date | 8/22/2014 | | | |
| From (usft) | To (usft) | Survey (Wellbore) | Tool Name | Description | |
| 183.0 | 4,100.0 | Survey #1 (DD) | ISCWSA MWD | MWD - ISCWSA | |

| | | | | | | | | | |
|-----------------|--------------------|-----------------|---------------|--------------|---------------------|----------------|-------------|-------------|-----------------|
| Survey | | | | | | | | | |
| Measured | Vertical | Vertical | Dogleg | Build | Formations / | | | | |
| Depth | Inclination | Azimuth | Depth | +N/-S | +E/-W | Section | Rate | Rate | Comments |
| (usft) | (°) | (°) | (usft) | (usft) | (usft) | (usft) | (°/100usf | (°/100u | |
| 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | |
| 183.0 | 0.53 | 133.60 | 183.0 | -0.6 | 0.6 | -0.8 | 0.29 | 0.29 | |
| 245.0 | 0.63 | 123.90 | 245.0 | -1.0 | 1.1 | -1.4 | 0.23 | 0.16 | |
| 308.0 | 0.90 | 141.40 | 308.0 | -1.6 | 1.7 | -2.2 | 0.56 | 0.43 | |
| 370.0 | 0.90 | 154.80 | 370.0 | -2.4 | 2.2 | -3.1 | 0.34 | 0.00 | |
| 432.0 | 0.40 | 358.00 | 432.0 | -2.6 | 2.4 | -3.3 | 2.06 | -0.81 | |
| 496.0 | 1.90 | 354.20 | 496.0 | -1.3 | 2.3 | -2.6 | 2.35 | 2.34 | |
| 559.0 | 2.80 | 346.00 | 558.9 | 1.2 | 1.8 | -1.1 | 1.52 | 1.43 | |
| 622.0 | 3.70 | 350.20 | 621.8 | 4.7 | 1.1 | 1.2 | 1.48 | 1.43 | |
| 685.0 | 5.60 | 344.50 | 684.6 | 9.7 | -0.1 | 4.5 | 3.10 | 3.02 | |
| 748.0 | 7.87 | 332.50 | 747.2 | 16.5 | -2.9 | 10.1 | 4.22 | 3.60 | |
| 812.0 | 11.70 | 317.70 | 810.2 | 25.2 | -9.3 | 19.7 | 7.11 | 5.98 | |
| 875.0 | 16.20 | 308.30 | 871.4 | 35.3 | -20.5 | 34.4 | 7.98 | 7.14 | |

Cathedral Energy Services

Survey Report

| | | | |
|------------------|------------------------------|-------------------------------------|------------------------------------|
| Company: | Gunnison Energy Corporation | Local Co-ordinate Reference: | Well DGU 1289 FEDERAL 18CS1 (new) |
| Project: | Gunnison County, CO | TVD Reference: | KB=15' @ 7346.6usft (Savanna #650) |
| Site: | Deadman Gulch Unit | MD Reference: | KB=15' @ 7346.6usft (Savanna #650) |
| Well: | DGU 1289 FEDERAL 18CS1 (new) | North Reference: | True |
| Wellbore: | DD | Survey Calculation Method: | Minimum Curvature |
| Design: | FINAL | Database: | USA EDM 5000 Multi Users DB |

| Survey | | | | | | | | | |
|-----------------------------|--------------------|----------------|-----------------------------|-----------------|-----------------|-------------------------------|------------------------------|---------------------------|---------------------------------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usf) | Build Rate (°/100u) | Formations / Comments |
| 938.0 | 21.20 | 307.80 | 931.0 | 47.8 | -36.4 | 54.2 | 7.94 | 7.94 | |
| 1,001.0 | 26.40 | 301.60 | 988.7 | 62.1 | -57.3 | 79.4 | 9.15 | 8.25 | |
| 1,025.0 | 28.20 | 300.20 | 1,010.0 | 67.8 | -66.8 | 90.4 | 7.96 | 7.50 | |
| 1,066.0 | 30.90 | 300.10 | 1,045.6 | 77.9 | -84.3 | 110.5 | 6.59 | 6.59 | |
| 1,129.0 | 35.90 | 297.90 | 1,098.2 | 94.7 | -114.6 | 145.2 | 8.16 | 7.94 | |
| 1,192.0 | 41.10 | 297.90 | 1,147.5 | 113.0 | -149.3 | 184.4 | 8.25 | 8.25 | |
| 1,255.0 | 46.60 | 298.90 | 1,192.9 | 133.8 | -187.6 | 228.0 | 8.80 | 8.73 | |
| 1,319.0 | 47.20 | 298.70 | 1,236.7 | 156.3 | -228.6 | 274.7 | 0.96 | 0.94 | |
| 1,382.0 | 47.10 | 298.00 | 1,279.5 | 178.2 | -269.2 | 320.9 | 0.83 | -0.16 | |
| 1,445.0 | 46.30 | 299.10 | 1,322.7 | 200.1 | -309.5 | 366.7 | 1.80 | -1.27 | |
| 1,508.0 | 45.70 | 299.40 | 1,366.5 | 222.3 | -349.0 | 412.0 | 1.01 | -0.95 | |
| 1,571.0 | 46.00 | 298.30 | 1,410.4 | 244.1 | -388.6 | 457.2 | 1.34 | 0.48 | |
| 1,635.0 | 46.20 | 297.80 | 1,454.7 | 265.8 | -429.3 | 503.3 | 0.64 | 0.31 | |
| 1,698.0 | 45.90 | 297.10 | 1,498.5 | 286.7 | -469.6 | 548.7 | 0.93 | -0.48 | |
| 1,761.0 | 45.50 | 295.70 | 1,542.5 | 306.7 | -510.0 | 593.8 | 1.71 | -0.63 | |
| 1,824.0 | 45.00 | 294.50 | 1,586.8 | 325.7 | -550.5 | 638.5 | 1.57 | -0.79 | |
| 1,888.0 | 44.80 | 294.70 | 1,632.1 | 344.5 | -591.5 | 683.6 | 0.38 | -0.31 | |
| 1,951.0 | 44.80 | 293.80 | 1,676.8 | 362.8 | -632.0 | 727.9 | 1.01 | 0.00 | |
| 2,014.0 | 45.40 | 295.10 | 1,721.3 | 381.2 | -672.6 | 772.5 | 1.74 | 0.95 | |
| 2,078.0 | 45.90 | 296.10 | 1,766.1 | 401.0 | -713.9 | 818.2 | 1.36 | 0.78 | |
| 2,141.0 | 46.10 | 295.60 | 1,809.8 | 420.8 | -754.7 | 863.6 | 0.65 | 0.32 | |
| 2,204.0 | 46.20 | 295.20 | 1,853.5 | 440.2 | -795.7 | 909.0 | 0.48 | 0.16 | |
| 2,267.0 | 46.40 | 294.70 | 1,897.0 | 459.5 | -837.0 | 954.5 | 0.66 | 0.32 | |
| 2,324.0 | 46.30 | 294.50 | 1,936.3 | 476.6 | -874.5 | 995.7 | 0.31 | -0.18 | |
| 2,388.0 | 44.80 | 293.20 | 1,981.2 | 495.1 | -916.3 | 1,041.3 | 2.76 | -2.34 | |
| 2,451.0 | 44.60 | 293.90 | 2,025.9 | 512.8 | -956.9 | 1,085.5 | 0.84 | -0.32 | |
| 2,514.0 | 44.10 | 295.90 | 2,071.0 | 531.3 | -996.9 | 1,129.5 | 2.36 | -0.79 | |
| 2,577.0 | 44.70 | 297.80 | 2,116.0 | 551.3 | -1,036.2 | 1,173.6 | 2.31 | 0.95 | |
| 2,641.0 | 44.70 | 298.40 | 2,161.5 | 572.5 | -1,075.9 | 1,218.6 | 0.66 | 0.00 | |
| 2,704.0 | 44.10 | 298.90 | 2,206.5 | 593.6 | -1,114.6 | 1,262.7 | 1.10 | -0.95 | |
| 2,767.0 | 44.60 | 300.20 | 2,251.6 | 615.3 | -1,152.9 | 1,306.7 | 1.65 | 0.79 | |
| 2,830.0 | 45.20 | 300.50 | 2,296.2 | 637.8 | -1,191.3 | 1,351.1 | 1.01 | 0.95 | |
| 2,894.0 | 46.30 | 300.40 | 2,340.8 | 661.0 | -1,230.8 | 1,396.8 | 1.72 | 1.72 | |
| 2,957.0 | 48.00 | 299.70 | 2,383.7 | 684.1 | -1,270.8 | 1,443.0 | 2.82 | 2.70 | |
| 3,020.0 | 48.80 | 297.90 | 2,425.5 | 706.8 | -1,312.1 | 1,490.0 | 2.49 | 1.27 | |
| 3,083.0 | 48.80 | 296.70 | 2,467.0 | 728.6 | -1,354.2 | 1,537.4 | 1.43 | 0.00 | |
| 3,146.0 | 48.50 | 296.50 | 2,508.6 | 749.7 | -1,396.5 | 1,584.7 | 0.53 | -0.48 | |
| 3,210.0 | 47.70 | 295.10 | 2,551.4 | 770.5 | -1,439.3 | 1,632.4 | 2.05 | -1.25 | |
| 3,273.0 | 46.40 | 293.30 | 2,594.3 | 789.4 | -1,481.4 | 1,678.4 | 2.94 | -2.06 | |
| 3,336.0 | 45.40 | 293.10 | 2,638.1 | 807.2 | -1,523.0 | 1,723.5 | 1.60 | -1.59 | |
| 3,400.0 | 44.10 | 295.80 | 2,683.6 | 825.8 | -1,564.0 | 1,768.5 | 3.60 | -2.03 | |
| 3,467.0 | 44.10 | 296.90 | 2,731.7 | 846.5 | -1,605.8 | 1,815.1 | 1.14 | 0.00 | |
| 3,530.0 | 44.80 | 296.70 | 2,776.7 | 866.4 | -1,645.2 | 1,859.3 | 1.13 | 1.11 | |
| 3,593.0 | 45.50 | 295.50 | 2,821.1 | 886.1 | -1,685.3 | 1,903.9 | 1.75 | 1.11 | |
| 3,657.0 | 44.20 | 294.40 | 2,866.5 | 905.1 | -1,726.2 | 1,949.0 | 2.37 | -2.03 | |
| 3,720.0 | 42.30 | 294.50 | 2,912.4 | 923.0 | -1,765.5 | 1,992.1 | 3.02 | -3.02 | |
| 3,783.0 | 41.00 | 294.50 | 2,959.4 | 940.3 | -1,803.6 | 2,034.0 | 2.06 | -2.06 | |
| 3,846.0 | 39.60 | 295.40 | 3,007.5 | 957.5 | -1,840.5 | 2,074.7 | 2.41 | -2.22 | |
| 3,910.0 | 39.50 | 296.00 | 3,056.8 | 975.2 | -1,877.2 | 2,115.4 | 0.62 | -0.16 | |
| 3,973.0 | 40.60 | 297.30 | 3,105.1 | 993.4 | -1,913.5 | 2,155.9 | 2.19 | 1.75 | |
| 4,036.0 | 43.00 | 298.90 | 3,152.0 | 1,013.2 | -1,950.5 | 2,197.9 | 4.17 | 3.81 | |
| 4,045.0 | 43.60 | 299.30 | 3,158.6 | 1,016.2 | -1,955.9 | 2,204.1 | 7.32 | 6.66 | Last CES Survey @ 4,045' MD |
| 4,100.0 | 43.60 | 299.30 | 3,198.4 | 1,034.7 | -1,989.0 | 2,242.0 | 0.00 | 0.00 | PTB @ 4,100' - DGU 1289 FEDERAL 18CS1 (new) |

Cathedral Energy Services

Survey Report

| | | | |
|------------------|------------------------------|-------------------------------------|------------------------------------|
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| Project: | Gunnison County, CO | TVD Reference: | KB=15' @ 7346.6usft (Savanna #650) |
| Site: | Deadman Gulch Unit | MD Reference: | KB=15' @ 7346.6usft (Savanna #650) |
| Well: | DGU 1289 FEDERAL 18CS1 (new) | North Reference: | True |
| Wellbore: | DD | Survey Calculation Method: | Minimum Curvature |
| Design: | FINAL | Database: | USA EDM 5000 Multi Users DB |

Survey

| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usf | Build Rate (°/100u | Formations / Comments |
|-----------------------------|--------------------|----------------|-----------------------------|-----------------|-----------------|-------------------------------|-----------------------------|--------------------------|--------------------------|
|-----------------------------|--------------------|----------------|-----------------------------|-----------------|-----------------|-------------------------------|-----------------------------|--------------------------|--------------------------|

Targets

Target Name

| - hit/miss target | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/-S (usft) | +E/-W (usft) | Northing (usft) | Easting (usft) | Latitude | Longitude |
|-------------------------------------------------------------------------------------------------------|------------------|-----------------|---------------|-----------------|-----------------|--------------------|-------------------|-----------|-------------|
| - Shape | | | | | | | | | |
| DGU 1289 FEDERAL 1E | 0.00 | 0.00 | 3,203.0 | 1,061.6 | -2,039.0 | 862,389.66 | 1,464,424.12 | 39.020061 | -107.384769 |
| - actual wellpath misses target center by 57.0usft at 4100.0usft MD (3198.4 TVD, 1034.7 N, -1989.0 E) | | | | | | | | | |
| - Point | | | | | | | | | |

Design Annotations

| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates | | Comment |
|-----------------------------|-----------------------------|-------------------|-----------------|-----------------------------|
| | | +N/-S (usft) | +E/-W (usft) | |
| 4,045.0 | 3,158.6 | 1,016.2 | -1,955.9 | Last CES Survey @ 4,045' MD |
| 4,100.0 | 3,198.4 | 1,034.7 | -1,989.0 | PTB @ 4,100' |

Checked By: _____ Approved By: _____ Date: _____

Gunnison Energy Corporation

Gunnison County, CO

Deadman Gulch Unit

DGU 1289 FEDERAL 18CS1 (new)

DD

Design: FINAL

Survey Report - Geographic

22 August, 2014

Cathedral Energy Services

Survey Report - Geographic

| | | | |
|------------------|------------------------------|-------------------------------------|------------------------------------|
| Company: | Gunnison Energy Corporation | Local Co-ordinate Reference: | Well DGU 1289 FEDERAL 18CS1 (new) |
| Project: | Gunnison County, CO | TVD Reference: | KB=15' @ 7346.6usft (Savanna #650) |
| Site: | Deadman Gulch Unit | MD Reference: | KB=15' @ 7346.6usft (Savanna #650) |
| Well: | DGU 1289 FEDERAL 18CS1 (new) | North Reference: | True |
| Wellbore: | DD | Survey Calculation Method: | Minimum Curvature |
| Design: | FINAL | Database: | USA EDM 5000 Multi Users DB |

| | | | |
|--------------------|--------------------------------------|----------------------|----------------|
| Project | Gunnison County, CO | | |
| Map System: | US State Plane 1927 (Exact solution) | System Datum: | Mean Sea Level |
| Geo Datum: | NAD 1927 (NADCON CONUS) | | |
| Map Zone: | Colorado South 503 | | |

| Site | | Deadman Gulch Unit | | | |
|-----------------------|----------|--------------------|-------------------|-------------------|-------------|
| Site Position: | | Northing: | 861,393.93 usft | Latitude: | 39.017439 |
| From: | Lat/Long | Easting: | 1,466,429.86 usft | Longitude: | -107.377642 |
| Position Uncertainty: | 0.0 usft | Slot Radius: | 13-3/16 " | Grid Convergence: | -1.15 ° |

| | | | | | | |
|----------------------|------------------------------|----------|---------------------|-------------------|---------------|--------------|
| Well | DGU 1289 FEDERAL 18CS1 (new) | | | | | |
| Well Position | +N/-S | 0.0 usft | Northing: | 861,287.30 usft | Latitude: | 39.017147 |
| | +E/-W | 0.0 usft | Easting: | 1,466,441.36 usft | Longitude: | -107.377594 |
| Position Uncertainty | | 0.0 usft | Wellhead Elevation: | 0.0 usft | Ground Level: | 7,331.6 usft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | DD | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF2010 | 8/7/2014 | 9.61 | 65.37 | 51,739 |

| | | | | | |
|--------------------------|--------------------------------|---------------------|---------------------|----------------------|-----|
| Design | FINAL | | | | |
| Audit Notes: | | | | | |
| Version: | 1.0 | Phase: | ACTUAL | Tie On Depth: | 0.0 |
| Vertical Section: | Depth From (TVD) (usft) | +N/-S (usft) | +E/-W (usft) | Direction (°) | |
| | 0.0 | 0.0 | 0.0 | 297.18 | |

| | | | | | |
|-----------------------|------------------|--------------------------|------------------|--------------------|--|
| Survey Program | Date | 8/22/2014 | | | |
| From (usft) | To (usft) | Survey (Wellbore) | Tool Name | Description | |
| 183.0 | 4,100.0 | Survey #1 (DD) | ISCWSA MWD | MWD - ISCWSA | |

| | | | | | | | | | | |
|------------------------------|------------------------|--------------------|------------------------------|---------------------|---------------------|----------------------------|---------------------------|-----------------|------------------|--|
| Survey | | | | | | | | | | |
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Map Northing (usft) | Map Easting (usft) | Latitude | Longitude | |
| 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 861,287.30 | 1,466,441.36 | 39.017147 | -107.377594 | |
| 183.0 | 0.53 | 133.60 | 183.0 | -0.6 | 0.6 | 861,286.71 | 1,466,441.96 | 39.017145 | -107.377592 | |
| 245.0 | 0.63 | 123.90 | 245.0 | -1.0 | 1.1 | 861,286.31 | 1,466,442.45 | 39.017144 | -107.377590 | |
| 308.0 | 0.90 | 141.40 | 308.0 | -1.6 | 1.7 | 861,285.72 | 1,466,443.03 | 39.017143 | -107.377588 | |
| 370.0 | 0.90 | 154.80 | 370.0 | -2.4 | 2.2 | 861,284.88 | 1,466,443.52 | 39.017141 | -107.377586 | |
| 432.0 | 0.40 | 358.00 | 432.0 | -2.6 | 2.4 | 861,284.66 | 1,466,443.72 | 39.017140 | -107.377586 | |
| 496.0 | 1.90 | 354.20 | 496.0 | -1.3 | 2.3 | 861,285.94 | 1,466,443.63 | 39.017143 | -107.377586 | |
| 559.0 | 2.80 | 346.00 | 558.9 | 1.2 | 1.8 | 861,288.48 | 1,466,443.20 | 39.017150 | -107.377588 | |
| 622.0 | 3.70 | 350.20 | 621.8 | 4.7 | 1.1 | 861,291.99 | 1,466,442.56 | 39.017160 | -107.377590 | |
| 685.0 | 5.60 | 344.50 | 684.6 | 9.7 | -0.1 | 861,296.98 | 1,466,441.49 | 39.017174 | -107.377595 | |
| 748.0 | 7.87 | 332.50 | 747.2 | 16.5 | -2.9 | 861,303.82 | 1,466,438.81 | 39.017192 | -107.377604 | |
| 812.0 | 11.70 | 317.70 | 810.2 | 25.2 | -9.3 | 861,312.64 | 1,466,432.59 | 39.017216 | -107.377627 | |

Cathedral Energy Services

Survey Report - Geographic

| | | | |
|------------------|------------------------------|-------------------------------------|------------------------------------|
| Company: | Gunnison Energy Corporation | Local Co-ordinate Reference: | Well DGU 1289 FEDERAL 18CS1 (new) |
| Project: | Gunnison County, CO | TVD Reference: | KB=15' @ 7346.6usft (Savanna #650) |
| Site: | Deadman Gulch Unit | MD Reference: | KB=15' @ 7346.6usft (Savanna #650) |
| Well: | DGU 1289 FEDERAL 18CS1 (new) | North Reference: | True |
| Wellbore: | DD | Survey Calculation Method: | Minimum Curvature |
| Design: | FINAL | Database: | USA EDM 5000 Multi Users DB |

| Survey | | | | | | | | | |
|-----------------------------|-----------------|-------------|-----------------------|--------------|--------------|---------------------|--------------------|-----------|-------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Map Northing (usft) | Map Easting (usft) | Latitude | Longitude |
| 875.0 | 16.20 | 308.30 | 871.4 | 35.3 | -20.5 | 861,323.04 | 1,466,421.60 | 39.017244 | -107.377666 |
| 938.0 | 21.20 | 307.80 | 931.0 | 47.8 | -36.4 | 861,335.79 | 1,466,405.94 | 39.017278 | -107.377722 |
| 1,001.0 | 26.40 | 301.60 | 988.7 | 62.1 | -57.3 | 861,350.54 | 1,466,385.29 | 39.017318 | -107.377796 |
| 1,025.0 | 28.20 | 300.20 | 1,010.0 | 67.8 | -66.8 | 861,356.38 | 1,466,375.96 | 39.017333 | -107.377829 |
| 1,066.0 | 30.90 | 300.10 | 1,045.6 | 77.9 | -84.3 | 861,366.89 | 1,466,358.68 | 39.017361 | -107.377891 |
| 1,129.0 | 35.90 | 297.90 | 1,098.2 | 94.7 | -114.6 | 861,384.26 | 1,466,328.68 | 39.017407 | -107.377998 |
| 1,192.0 | 41.10 | 297.90 | 1,147.5 | 113.0 | -149.3 | 861,403.30 | 1,466,294.41 | 39.017457 | -107.378119 |
| 1,255.0 | 46.60 | 298.90 | 1,192.9 | 133.8 | -187.6 | 861,424.83 | 1,466,256.47 | 39.017514 | -107.378254 |
| 1,319.0 | 47.20 | 298.70 | 1,236.7 | 156.3 | -228.6 | 861,448.16 | 1,466,215.98 | 39.017576 | -107.378399 |
| 1,382.0 | 47.10 | 298.00 | 1,279.5 | 178.2 | -269.2 | 861,470.91 | 1,466,175.78 | 39.017636 | -107.378542 |
| 1,445.0 | 46.30 | 299.10 | 1,322.7 | 200.1 | -309.5 | 861,493.62 | 1,466,135.96 | 39.017696 | -107.378683 |
| 1,508.0 | 45.70 | 299.40 | 1,366.5 | 222.3 | -349.0 | 861,516.55 | 1,466,096.87 | 39.017757 | -107.378822 |
| 1,571.0 | 46.00 | 298.30 | 1,410.4 | 244.1 | -388.6 | 861,539.15 | 1,466,057.72 | 39.017817 | -107.378962 |
| 1,635.0 | 46.20 | 297.80 | 1,454.7 | 265.8 | -429.3 | 861,561.65 | 1,466,017.47 | 39.017877 | -107.379105 |
| 1,698.0 | 45.90 | 297.10 | 1,498.5 | 286.7 | -469.6 | 861,583.37 | 1,465,977.65 | 39.017934 | -107.379247 |
| 1,761.0 | 45.50 | 295.70 | 1,542.5 | 306.7 | -510.0 | 861,604.22 | 1,465,937.68 | 39.017989 | -107.379389 |
| 1,824.0 | 45.00 | 294.50 | 1,586.8 | 325.7 | -550.5 | 861,624.01 | 1,465,897.55 | 39.018041 | -107.379531 |
| 1,888.0 | 44.80 | 294.70 | 1,632.1 | 344.5 | -591.5 | 861,643.64 | 1,465,856.86 | 39.018093 | -107.379676 |
| 1,951.0 | 44.80 | 293.80 | 1,676.8 | 362.8 | -632.0 | 861,662.68 | 1,465,816.76 | 39.018143 | -107.379818 |
| 2,014.0 | 45.40 | 295.10 | 1,721.3 | 381.2 | -672.6 | 861,681.97 | 1,465,776.52 | 39.018194 | -107.379961 |
| 2,078.0 | 45.90 | 296.10 | 1,766.1 | 401.0 | -713.9 | 861,702.57 | 1,465,735.66 | 39.018248 | -107.380106 |
| 2,141.0 | 46.10 | 295.60 | 1,809.8 | 420.8 | -754.7 | 861,723.14 | 1,465,695.28 | 39.018302 | -107.380250 |
| 2,204.0 | 46.20 | 295.20 | 1,853.5 | 440.2 | -795.7 | 861,743.45 | 1,465,654.64 | 39.018356 | -107.380394 |
| 2,267.0 | 46.40 | 294.70 | 1,897.0 | 459.5 | -837.0 | 861,763.49 | 1,465,613.74 | 39.018408 | -107.380540 |
| 2,324.0 | 46.30 | 294.50 | 1,936.3 | 476.6 | -874.5 | 861,781.41 | 1,465,576.59 | 39.018455 | -107.380672 |
| 2,388.0 | 44.80 | 293.20 | 1,981.2 | 495.1 | -916.3 | 861,800.72 | 1,465,535.19 | 39.018506 | -107.380819 |
| 2,451.0 | 44.60 | 293.90 | 2,025.9 | 512.8 | -956.9 | 861,819.24 | 1,465,494.93 | 39.018555 | -107.380962 |
| 2,514.0 | 44.10 | 295.90 | 2,071.0 | 531.3 | -996.9 | 861,838.58 | 1,465,455.37 | 39.018606 | -107.381102 |
| 2,577.0 | 44.70 | 297.80 | 2,116.0 | 551.3 | -1,036.2 | 861,859.27 | 1,465,416.45 | 39.018660 | -107.381240 |
| 2,641.0 | 44.70 | 298.40 | 2,161.5 | 572.5 | -1,075.9 | 861,881.27 | 1,465,377.18 | 39.018719 | -107.381380 |
| 2,704.0 | 44.10 | 298.90 | 2,206.5 | 593.6 | -1,114.6 | 861,903.18 | 1,465,338.93 | 39.018777 | -107.381516 |
| 2,767.0 | 44.60 | 300.20 | 2,251.6 | 615.3 | -1,152.9 | 861,925.66 | 1,465,301.06 | 39.018836 | -107.381651 |
| 2,830.0 | 45.20 | 300.50 | 2,296.2 | 637.8 | -1,191.3 | 861,948.90 | 1,465,263.15 | 39.018898 | -107.381786 |
| 2,894.0 | 46.30 | 300.40 | 2,340.8 | 661.0 | -1,230.8 | 861,972.92 | 1,465,224.10 | 39.018962 | -107.381925 |
| 2,957.0 | 48.00 | 299.70 | 2,383.7 | 684.1 | -1,270.8 | 861,996.85 | 1,465,184.60 | 39.019025 | -107.382066 |
| 3,020.0 | 48.80 | 297.90 | 2,425.5 | 706.8 | -1,312.1 | 862,020.36 | 1,465,143.78 | 39.019087 | -107.382211 |
| 3,083.0 | 48.80 | 296.70 | 2,467.0 | 728.6 | -1,354.2 | 862,042.94 | 1,465,102.10 | 39.019147 | -107.382359 |
| 3,146.0 | 48.50 | 296.50 | 2,508.6 | 749.7 | -1,396.5 | 862,064.97 | 1,465,060.25 | 39.019205 | -107.382508 |
| 3,210.0 | 47.70 | 295.10 | 2,551.4 | 770.5 | -1,439.3 | 862,086.56 | 1,465,017.79 | 39.019262 | -107.382659 |
| 3,273.0 | 46.40 | 293.30 | 2,594.3 | 789.4 | -1,481.4 | 862,106.31 | 1,464,976.13 | 39.019314 | -107.382807 |
| 3,336.0 | 45.40 | 293.10 | 2,638.1 | 807.2 | -1,523.0 | 862,124.96 | 1,464,934.91 | 39.019363 | -107.382953 |
| 3,400.0 | 44.10 | 295.80 | 2,683.6 | 825.8 | -1,564.0 | 862,144.42 | 1,464,894.28 | 39.019414 | -107.383098 |
| 3,467.0 | 44.10 | 296.90 | 2,731.7 | 846.5 | -1,605.8 | 862,165.94 | 1,464,852.93 | 39.019471 | -107.383245 |
| 3,530.0 | 44.80 | 296.70 | 2,776.7 | 866.4 | -1,645.1 | 862,186.62 | 1,464,813.96 | 39.019525 | -107.383383 |
| 3,593.0 | 45.50 | 295.50 | 2,821.1 | 886.1 | -1,685.3 | 862,207.07 | 1,464,774.25 | 39.019579 | -107.383525 |
| 3,657.0 | 44.20 | 294.40 | 2,866.5 | 905.1 | -1,726.2 | 862,226.93 | 1,464,733.72 | 39.019632 | -107.383668 |
| 3,720.0 | 42.30 | 294.50 | 2,912.4 | 923.0 | -1,765.5 | 862,245.58 | 1,464,694.80 | 39.019681 | -107.383807 |
| 3,783.0 | 41.00 | 294.50 | 2,959.4 | 940.3 | -1,803.6 | 862,263.71 | 1,464,657.06 | 39.019728 | -107.383941 |
| 3,846.0 | 39.60 | 295.40 | 3,007.5 | 957.5 | -1,840.5 | 862,281.63 | 1,464,620.46 | 39.019775 | -107.384071 |
| 3,910.0 | 39.50 | 296.00 | 3,056.8 | 975.2 | -1,877.2 | 862,300.04 | 1,464,584.11 | 39.019824 | -107.384200 |
| 3,973.0 | 40.60 | 297.30 | 3,105.1 | 993.4 | -1,913.5 | 862,318.95 | 1,464,548.25 | 39.019874 | -107.384328 |
| 4,036.0 | 43.00 | 298.90 | 3,152.0 | 1,013.2 | -1,950.5 | 862,339.48 | 1,464,511.63 | 39.019928 | -107.384458 |
| 4,045.0 | 43.60 | 299.30 | 3,158.6 | 1,016.2 | -1,955.9 | 862,342.59 | 1,464,506.29 | 39.019936 | -107.384477 |
| Last CES Survey @ 4,045' MD | | | | | | | | | |

Cathedral Energy Services

Survey Report - Geographic

| | | | |
|------------------|------------------------------|-------------------------------------|------------------------------------|
| Company: | Gunnison Energy Corporation | Local Co-ordinate Reference: | Well DGU 1289 FEDERAL 18CS1 (new) |
| Project: | Gunnison County, CO | TVD Reference: | KB=15' @ 7346.6usft (Savanna #650) |
| Site: | Deadman Gulch Unit | MD Reference: | KB=15' @ 7346.6usft (Savanna #650) |
| Well: | DGU 1289 FEDERAL 18CS1 (new) | North Reference: | True |
| Wellbore: | DD | Survey Calculation Method: | Minimum Curvature |
| Design: | FINAL | Database: | USA EDM 5000 Multi Users DB |

| Survey | | | | | | | | | |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|---------------------|--------------------|-----------|-------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Map Northing (usft) | Map Easting (usft) | Latitude | Longitude |
| 4,100.0 | 43.60 | 299.30 | 3,198.4 | 1,034.7 | -1,989.0 | 862,361.81 | 1,464,473.59 | 39.019987 | -107.384593 |
| PTB @ 4,100' | | | | | | | | | |

| 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 | | | | | | | | | |
| DGU 1289 FEDERAL 18 | 0.00 | 0.00 | 3,203.0 | 1,061.6 | -2,039.0 | 862,389.66 | 1,464,424.12 | 39.020061 | -107.384769 |
| - actual wellpath misses target center by 57.0usft at 4100.0usft MD (3198.4 TVD, 1034.7 N, -1989.0 E) | | | | | | | | | |
| - Point | | | | | | | | | |

| Design Annotations | | | | | |
|-----------------------|-----------------------|-------------------|--------------|-----------------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates | | | |
| | | +N/-S (usft) | +E/-W (usft) | Comment | |
| 4,045.0 | 3,158.6 | 1,016.2 | -1,955.9 | Last CES Survey @ 4,045' MD | |
| 4,100.0 | 3,198.4 | 1,034.7 | -1,989.0 | PTB @ 4,100' | |

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