

Bill Barrett Corp. (II)

Garfield County, Colorado [NAD83]

Werner Pad

Werner 43D-23-692

Wellbore #1

Design: Wellbore #1

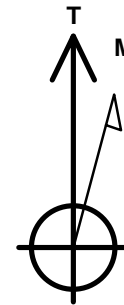
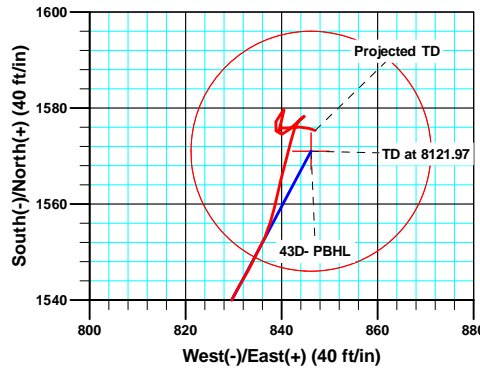
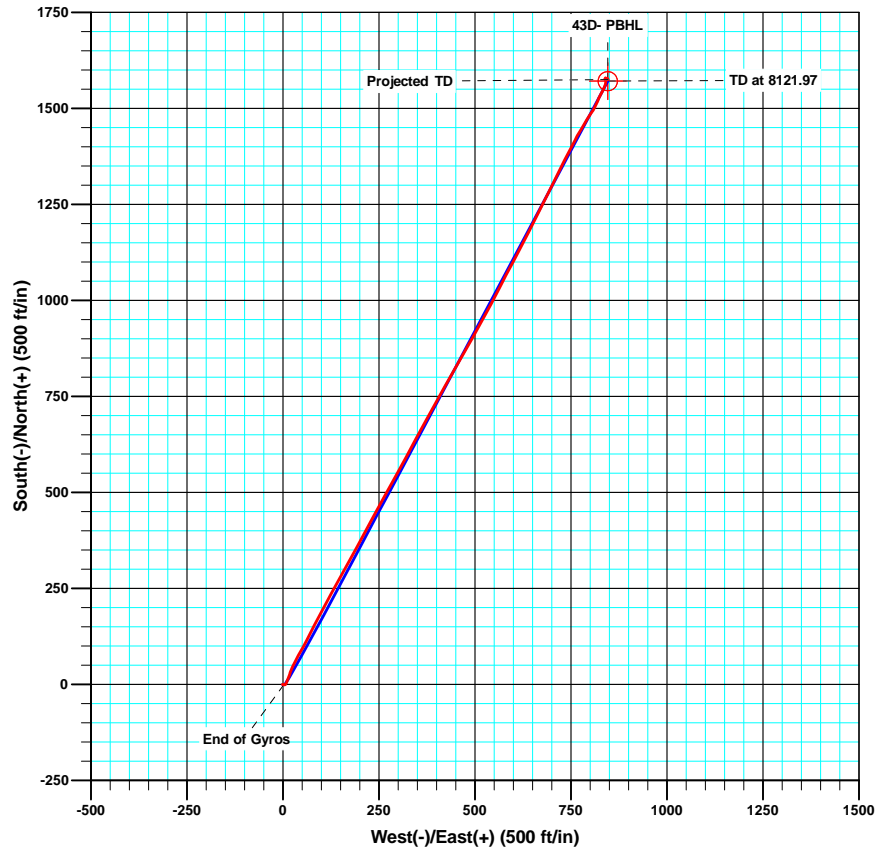
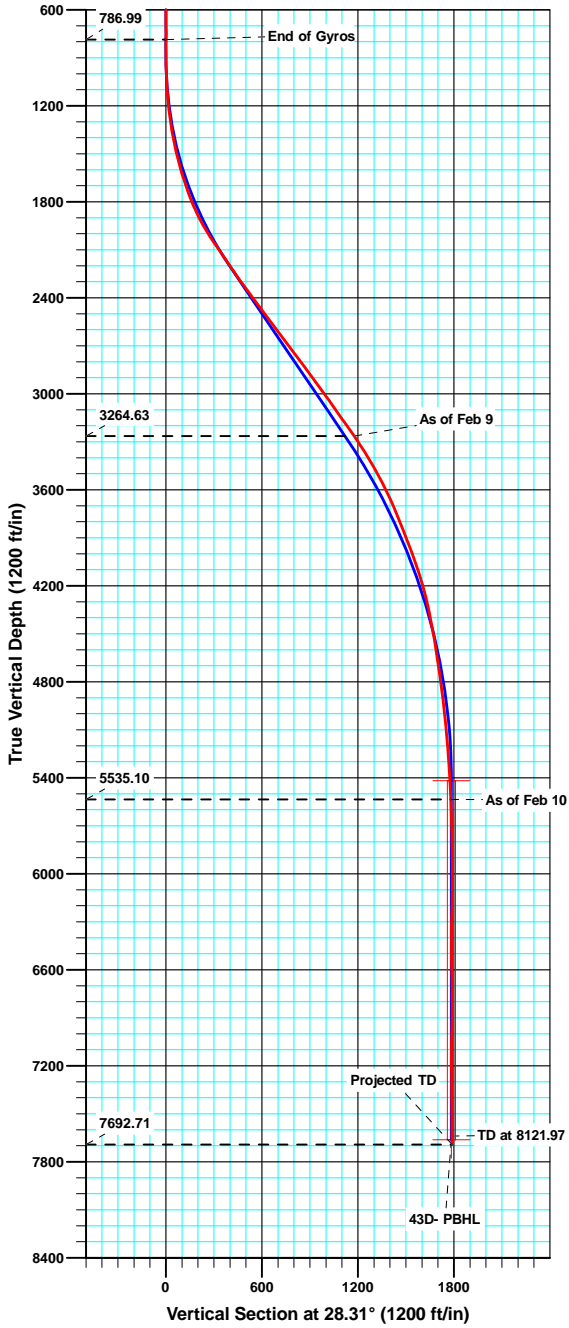
Standard Survey Report

13 February, 2012



WELL DETAILS: Werner 43D-23-692

US State Plane 1983 North American Datum 1983 Colorado Central Zone
 +N/-S +E/-W Northing Easting Latitude Longitude
 0.00 0.00 1616896.86 2399006.62 39° 30' 28.13 N 107° 37' 48.80 W
 Ground Level: 5943.00 KB: 23'



Azimuths to True North
 Magnetic North: 10.28°
 Magnetic Field
 Strength: 52372.8snT
 Dip Angle: 65.84°
 Date: 10/12/2010
 Model: IGRF2010

ANNOTATIONS

| TVD | MD | Inc | Azi | +N/-S | +E/-W | Vsect | Departure | Annotation |
|---------|---------|--------|--------|---------|--------|---------|-----------|--------------|
| 786.99 | 787.00 | 0.580 | 85.68 | -0.64 | 2.55 | 0.65 | 4.89 | End of Gyros |
| 3264.63 | 3605.00 | 34.500 | 25.30 | 1032.83 | 564.35 | 1176.93 | 1184.06 | As of Feb 9 |
| 5535.10 | 5987.00 | 2.400 | 14.30 | 1569.61 | 841.05 | 1780.74 | 1788.83 | As of Feb 10 |
| 7692.71 | 8145.00 | 1.300 | 108.70 | 1575.33 | 847.00 | 1788.60 | 1825.73 | Projected TD |



Sharewell Survey Report

| | |
|---|--|
| Company: Bill Barrett Corp. (II) | Local Co-ordinate Reference: Well Werner 43D-23-692 |
| Project: Garfield County, Colorado [NAD83] | TVD Reference: GL @ 5943.00ft (Original Well Elev) |
| Site: Werner Pad | MD Reference: GL @ 5943.00ft (Original Well Elev) |
| Well: Werner 43D-23-692 | North Reference: True |
| Wellbore: Wellbore #1 | Survey Calculation Method: Minimum Curvature |
| Design: Wellbore #1 | Database: CompassVM |

| | | |
|--|----------------------|----------------|
| Project Garfield County, Colorado [NAD83] | | |
| Map System: US State Plane 1983 | System Datum: | Mean Sea Level |
| Geo Datum: North American Datum 1983 | | |
| Map Zone: Colorado Central Zone | | |

| | | | |
|--------------------------------------|------------------------------------|--------------------------|------------------|
| Site Werner Pad | | | |
| Site Position: | Northing: 1,616,752.90 usft | Latitude: | 39° 30' 26.71 N |
| From: Lat/Long | Easting: 2,398,994.50 usft | Longitude: | 107° 37' 48.91 W |
| Position Uncertainty: 0.00 ft | Slot Radius: 1.10 ft | Grid Convergence: | -1.34 ° |

| | | | |
|-------------------------------|----------------------|------------------------------------|------------------------------------|
| Well Werner 43D-23-692 | | | |
| Well Position | +N/-S 0.00 ft | Northing: 1,616,896.86 usft | Latitude: 39° 30' 28.13 N |
| | +E/-W 0.00 ft | Easting: 2,399,006.62 usft | Longitude: 107° 37' 48.80 W |
| Position Uncertainty | 0.00 ft | Wellhead Elevation: ft | Ground Level: 5,943.00 ft |

| Wellbore Wellbore #1 | | | | | |
|-----------------------------|------------|-------------|-----------------|---------------|---------------------|
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF2010 | 10/12/2010 | 10.28 | 65.84 | 52,373 |

| Design Wellbore #1 | | | | |
|---------------------------|-----------------------|----------------------|------------|---------------|
| Audit Notes: | | | | |
| Version: 1.0 | Phase: ACTUAL | Tie On Depth: | 0.00 | |
| Vertical Section: | Depth From (TVD) (ft) | +N/-S (ft) | +E/-W (ft) | Direction (°) |
| | 0.00 | 0.00 | 0.00 | 28.31 |

| Survey Program | | Date 2/13/2012 | | |
|-----------------------|----------|----------------------------|-----------|----------------|
| From (ft) | To (ft) | Survey (Wellbore) | Tool Name | Description |
| 50.00 | 787.00 | Gyro Surveys (Wellbore #1) | MWD | MWD - Standard |
| 875.00 | 8,145.00 | MWD (Wellbore #1) | MWD | MWD - Standard |

| 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 | 0.000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 50.00 | 0.180 | 149.17 | 50.00 | -0.07 | 0.04 | -0.04 | 0.36 | 0.36 | 0.00 |
| 100.00 | 0.210 | 214.25 | 100.00 | -0.21 | 0.03 | -0.17 | 0.42 | 0.06 | 130.16 |
| 150.00 | 0.240 | 264.77 | 150.00 | -0.30 | -0.13 | -0.32 | 0.39 | 0.06 | 101.04 |
| 200.00 | 0.250 | 32.51 | 200.00 | -0.21 | -0.17 | -0.27 | 0.88 | 0.02 | 255.48 |
| 250.00 | 0.320 | 83.52 | 250.00 | -0.11 | 0.02 | -0.08 | 0.51 | 0.14 | 102.02 |
| 300.00 | 0.150 | 127.67 | 300.00 | -0.13 | 0.22 | -0.01 | 0.47 | -0.34 | 88.30 |
| 350.00 | 0.430 | 164.64 | 350.00 | -0.35 | 0.32 | -0.16 | 0.65 | 0.56 | 73.94 |
| 400.00 | 0.420 | 38.76 | 400.00 | -0.39 | 0.48 | -0.11 | 1.51 | -0.02 | -251.76 |
| 450.00 | 0.360 | 94.90 | 450.00 | -0.26 | 0.75 | 0.13 | 0.74 | -0.12 | 112.28 |

Sharewell Survey Report

| | | | |
|------------------|-----------------------------------|-------------------------------------|-------------------------------------|
| Company: | Bill Barrett Corp. (II) | Local Co-ordinate Reference: | Well Werner 43D-23-692 |
| Project: | Garfield County, Colorado [NAD83] | TVD Reference: | GL @ 5943.00ft (Original Well Elev) |
| Site: | Werner Pad | MD Reference: | GL @ 5943.00ft (Original Well Elev) |
| Well: | Werner 43D-23-692 | North Reference: | True |
| Wellbore: | Wellbore #1 | Survey Calculation Method: | Minimum Curvature |
| Design: | Wellbore #1 | Database: | CompassVM |

| 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) |
| 500.00 | 0.410 | 173.67 | 500.00 | -0.45 | 0.93 | 0.04 | 0.98 | 0.10 | 157.54 |
| 550.00 | 0.380 | 51.84 | 549.99 | -0.53 | 1.08 | 0.05 | 1.38 | -0.06 | -243.66 |
| 600.00 | 0.580 | 145.76 | 599.99 | -0.63 | 1.35 | 0.08 | 1.43 | 0.40 | 187.84 |
| 650.00 | 0.500 | 51.81 | 649.99 | -0.71 | 1.67 | 0.17 | 1.58 | -0.16 | -187.90 |
| 700.00 | 0.560 | 138.19 | 699.99 | -0.75 | 2.00 | 0.28 | 1.45 | 0.12 | 172.76 |
| 750.00 | 0.460 | 34.99 | 749.99 | -0.77 | 2.28 | 0.40 | 1.60 | -0.20 | -206.40 |
| 787.00 | 0.580 | 85.68 | 786.99 | -0.64 | 2.55 | 0.65 | 1.24 | 0.32 | 137.00 |
| 875.00 | 1.100 | 117.40 | 874.98 | -0.99 | 3.74 | 0.90 | 0.77 | 0.59 | 36.05 |
| 947.00 | 1.200 | 77.90 | 946.97 | -1.15 | 5.09 | 1.40 | 1.09 | 0.14 | -54.86 |
| 1,039.00 | 2.600 | 28.10 | 1,038.92 | 0.89 | 7.02 | 4.11 | 2.22 | 1.52 | -54.13 |
| 1,131.00 | 4.400 | 28.00 | 1,130.74 | 5.85 | 9.66 | 9.73 | 1.96 | 1.96 | -0.11 |
| 1,226.00 | 6.400 | 19.60 | 1,225.32 | 14.06 | 13.15 | 18.61 | 2.26 | 2.11 | -8.84 |
| 1,322.00 | 9.100 | 20.10 | 1,320.43 | 26.23 | 17.55 | 31.41 | 2.81 | 2.81 | 0.52 |
| 1,417.00 | 11.100 | 22.30 | 1,413.95 | 41.74 | 23.60 | 47.95 | 2.14 | 2.11 | 2.32 |
| 1,512.00 | 13.900 | 26.60 | 1,506.70 | 60.41 | 32.19 | 68.45 | 3.10 | 2.95 | 4.53 |
| 1,608.00 | 16.200 | 30.40 | 1,599.40 | 82.28 | 44.13 | 93.36 | 2.61 | 2.40 | 3.96 |
| 1,703.00 | 18.100 | 28.10 | 1,690.17 | 106.73 | 57.78 | 121.37 | 2.12 | 2.00 | -2.42 |
| 1,798.00 | 21.200 | 26.10 | 1,779.63 | 135.18 | 72.30 | 153.30 | 3.34 | 3.26 | -2.11 |
| 1,893.00 | 25.800 | 28.60 | 1,866.73 | 168.77 | 89.76 | 191.15 | 4.95 | 4.84 | 2.63 |
| 1,989.00 | 29.500 | 27.40 | 1,951.75 | 208.11 | 110.64 | 235.69 | 3.90 | 3.85 | -1.25 |
| 2,084.00 | 33.100 | 28.80 | 2,032.91 | 251.63 | 133.91 | 285.04 | 3.87 | 3.79 | 1.47 |
| 2,179.00 | 35.600 | 29.90 | 2,111.34 | 298.34 | 160.20 | 338.63 | 2.71 | 2.63 | 1.16 |
| 2,274.00 | 34.100 | 27.80 | 2,189.30 | 345.87 | 186.40 | 392.90 | 2.02 | -1.58 | -2.21 |
| 2,369.00 | 34.600 | 28.60 | 2,267.74 | 393.11 | 211.74 | 446.50 | 0.71 | 0.53 | 0.84 |
| 2,464.00 | 36.700 | 28.80 | 2,344.93 | 441.67 | 238.33 | 501.87 | 2.21 | 2.21 | 0.21 |
| 2,559.00 | 36.900 | 28.60 | 2,421.00 | 491.58 | 265.65 | 558.77 | 0.25 | 0.21 | -0.21 |
| 2,654.00 | 36.600 | 29.30 | 2,497.12 | 541.32 | 293.17 | 615.61 | 0.54 | -0.32 | 0.74 |
| 2,749.00 | 36.400 | 28.40 | 2,573.48 | 590.82 | 320.43 | 672.11 | 0.60 | -0.21 | -0.95 |
| 2,845.00 | 36.800 | 28.00 | 2,650.55 | 641.26 | 347.48 | 729.35 | 0.49 | 0.42 | -0.42 |
| 2,940.00 | 36.700 | 28.80 | 2,726.67 | 691.26 | 374.51 | 786.19 | 0.51 | -0.11 | 0.84 |
| 3,035.00 | 37.000 | 29.60 | 2,802.69 | 740.99 | 402.31 | 843.16 | 0.60 | 0.32 | 0.84 |
| 3,130.00 | 36.700 | 29.30 | 2,878.71 | 790.60 | 430.32 | 900.12 | 0.37 | -0.32 | -0.32 |
| 3,225.00 | 36.700 | 29.70 | 2,954.88 | 840.02 | 458.28 | 956.88 | 0.25 | 0.00 | 0.42 |
| 3,320.00 | 35.500 | 28.90 | 3,031.64 | 888.82 | 485.67 | 1,012.84 | 1.36 | -1.26 | -0.84 |
| 3,415.00 | 34.500 | 29.10 | 3,109.46 | 936.48 | 512.09 | 1,067.33 | 1.06 | -1.05 | 0.21 |
| 3,510.00 | 36.000 | 29.70 | 3,187.04 | 984.24 | 539.01 | 1,122.14 | 1.62 | 1.58 | 0.63 |
| 3,605.00 | 34.500 | 25.30 | 3,264.63 | 1,032.83 | 564.35 | 1,176.94 | 3.10 | -1.58 | -4.63 |
| 3,700.00 | 33.000 | 28.30 | 3,343.62 | 1,079.94 | 588.11 | 1,229.68 | 2.36 | -1.58 | 3.16 |
| 3,795.00 | 29.700 | 28.50 | 3,424.74 | 1,123.41 | 611.61 | 1,279.10 | 3.48 | -3.47 | 0.21 |
| 3,890.00 | 28.900 | 27.10 | 3,507.59 | 1,164.53 | 633.30 | 1,325.58 | 1.11 | -0.84 | -1.47 |
| 3,985.00 | 26.900 | 26.60 | 3,591.54 | 1,204.19 | 653.38 | 1,370.02 | 2.12 | -2.11 | -0.53 |
| 4,081.00 | 23.800 | 26.60 | 3,678.29 | 1,240.93 | 671.78 | 1,411.10 | 3.23 | -3.23 | 0.00 |
| 4,176.00 | 21.500 | 26.00 | 3,765.95 | 1,273.72 | 688.00 | 1,447.66 | 2.43 | -2.42 | -0.63 |

Sharewell

Survey Report

| | | | |
|------------------|-----------------------------------|-------------------------------------|-------------------------------------|
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| Project: | Garfield County, Colorado [NAD83] | TVD Reference: | GL @ 5943.00ft (Original Well Elev) |
| Site: | Werner Pad | MD Reference: | GL @ 5943.00ft (Original Well Elev) |
| Well: | Werner 43D-23-692 | North Reference: | True |
| Wellbore: | Wellbore #1 | Survey Calculation Method: | Minimum Curvature |
| Design: | Wellbore #1 | Database: | CompassVM |

| 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) | |
| 4,271.00 | 22.300 | 26.60 | 3,854.10 | 1,305.49 | 703.70 | 1,483.07 | 0.87 | 0.84 | 0.63 | |
| 4,367.00 | 20.900 | 26.80 | 3,943.35 | 1,337.06 | 719.58 | 1,518.40 | 1.46 | -1.46 | 0.21 | |
| 4,462.00 | 19.200 | 27.00 | 4,032.59 | 1,366.11 | 734.31 | 1,550.95 | 1.79 | -1.79 | 0.21 | |
| 4,557.00 | 18.400 | 27.60 | 4,122.52 | 1,393.31 | 748.35 | 1,581.56 | 0.87 | -0.84 | 0.63 | |
| 4,652.00 | 15.600 | 27.30 | 4,213.36 | 1,417.96 | 761.16 | 1,609.33 | 2.95 | -2.95 | -0.32 | |
| 4,748.00 | 12.300 | 31.00 | 4,306.52 | 1,438.20 | 772.35 | 1,632.46 | 3.56 | -3.44 | 3.85 | |
| 4,843.00 | 11.300 | 29.80 | 4,399.51 | 1,454.95 | 782.19 | 1,651.87 | 1.08 | -1.05 | -1.26 | |
| 4,939.00 | 10.400 | 31.10 | 4,493.80 | 1,470.53 | 791.34 | 1,669.93 | 0.97 | -0.94 | 1.35 | |
| 5,034.00 | 9.000 | 36.60 | 4,587.44 | 1,483.84 | 800.20 | 1,685.85 | 1.77 | -1.47 | 5.79 | |
| 5,129.00 | 8.200 | 31.00 | 4,681.37 | 1,495.61 | 808.12 | 1,699.97 | 1.22 | -0.84 | -5.89 | |
| 5,224.00 | 8.000 | 24.20 | 4,775.43 | 1,507.45 | 814.32 | 1,713.33 | 1.03 | -0.21 | -7.16 | |
| 5,320.00 | 7.400 | 23.40 | 4,870.56 | 1,519.21 | 819.51 | 1,726.15 | 0.63 | -0.63 | -0.83 | |
| 5,415.00 | 6.300 | 27.10 | 4,964.88 | 1,529.47 | 824.31 | 1,737.46 | 1.25 | -1.16 | 3.89 | |
| 5,510.00 | 5.800 | 26.40 | 5,059.35 | 1,538.41 | 828.82 | 1,747.47 | 0.53 | -0.53 | -0.74 | |
| 5,606.00 | 4.800 | 31.10 | 5,154.94 | 1,546.19 | 833.05 | 1,756.33 | 1.13 | -1.04 | 4.90 | |
| 5,701.00 | 4.500 | 22.00 | 5,249.63 | 1,553.05 | 836.50 | 1,764.00 | 0.84 | -0.32 | -9.58 | |
| 5,796.00 | 3.600 | 12.10 | 5,344.39 | 1,559.42 | 838.52 | 1,770.57 | 1.20 | -0.95 | -10.42 | |
| 5,892.00 | 3.300 | 14.80 | 5,440.22 | 1,565.04 | 839.86 | 1,776.15 | 0.36 | -0.31 | 2.81 | |
| 5,987.00 | 2.400 | 14.30 | 5,535.10 | 1,569.61 | 841.05 | 1,780.74 | 0.95 | -0.95 | -0.53 | |
| 6,083.00 | 2.100 | 13.70 | 5,631.02 | 1,573.27 | 841.97 | 1,784.39 | 0.31 | -0.31 | -0.63 | |
| 6,178.00 | 1.300 | 21.90 | 5,725.98 | 1,575.96 | 842.78 | 1,787.15 | 0.88 | -0.84 | 8.63 | |
| 6,273.00 | 0.900 | 44.70 | 5,820.96 | 1,577.49 | 843.71 | 1,788.94 | 0.62 | -0.42 | 24.00 | |
| 6,368.00 | 0.400 | 65.00 | 5,915.96 | 1,578.16 | 844.53 | 1,789.92 | 0.57 | -0.53 | 21.37 | |
| 6,464.00 | 0.100 | 247.30 | 6,011.96 | 1,578.27 | 844.76 | 1,790.12 | 0.52 | -0.31 | -185.10 | |
| 6,559.00 | 0.500 | 232.20 | 6,106.96 | 1,577.99 | 844.35 | 1,789.68 | 0.43 | 0.42 | -15.89 | |
| 6,654.00 | 1.000 | 225.30 | 6,201.95 | 1,577.15 | 843.44 | 1,788.51 | 0.53 | 0.53 | -7.26 | |
| 6,749.00 | 1.800 | 230.50 | 6,296.92 | 1,575.62 | 841.70 | 1,786.33 | 0.85 | 0.84 | 5.47 | |
| 6,844.00 | 0.600 | 257.20 | 6,391.90 | 1,574.56 | 840.06 | 1,784.62 | 1.36 | -1.26 | 28.11 | |
| 6,939.00 | 1.300 | 319.40 | 6,486.88 | 1,575.27 | 838.87 | 1,784.68 | 1.21 | 0.74 | 65.47 | |
| 7,034.00 | 1.500 | 31.10 | 6,581.86 | 1,577.15 | 838.81 | 1,786.31 | 1.73 | 0.21 | 75.47 | |
| 7,130.00 | 1.100 | 33.50 | 6,677.84 | 1,578.99 | 839.97 | 1,788.49 | 0.42 | -0.42 | 2.50 | |
| 7,225.00 | 0.100 | 173.20 | 6,772.83 | 1,579.67 | 840.49 | 1,789.33 | 1.24 | -1.05 | 147.05 | |
| 7,320.00 | 0.400 | 192.90 | 6,867.83 | 1,579.27 | 840.42 | 1,788.94 | 0.32 | 0.32 | 20.74 | |
| 7,416.00 | 0.900 | 192.80 | 6,963.83 | 1,578.20 | 840.18 | 1,787.89 | 0.52 | 0.52 | -0.10 | |
| 7,511.00 | 1.700 | 195.00 | 7,058.80 | 1,576.11 | 839.65 | 1,785.80 | 0.84 | 0.84 | 2.32 | |
| 7,606.00 | 0.400 | 21.80 | 7,153.79 | 1,575.06 | 839.41 | 1,784.76 | 2.21 | -1.37 | -182.32 | |
| 7,702.00 | 0.300 | 356.60 | 7,249.79 | 1,575.62 | 839.52 | 1,785.30 | 0.19 | -0.10 | -26.25 | |
| 7,797.00 | 0.800 | 91.90 | 7,344.78 | 1,575.85 | 840.17 | 1,785.81 | 0.93 | 0.53 | 100.32 | |
| 7,892.00 | 1.200 | 86.10 | 7,439.77 | 1,575.90 | 841.82 | 1,786.64 | 0.43 | 0.42 | -6.11 | |
| 7,987.00 | 1.100 | 84.70 | 7,534.75 | 1,576.05 | 843.72 | 1,787.67 | 0.11 | -0.11 | -1.47 | |
| 8,083.00 | 1.300 | 108.70 | 7,630.73 | 1,575.78 | 845.67 | 1,788.36 | 0.56 | 0.21 | 25.00 | |
| 8,145.00 | 1.300 | 108.70 | 7,692.71 | 1,575.33 | 847.00 | 1,788.60 | 0.00 | 0.00 | 0.00 | |

Sharewell

Survey Report

| | |
|---|--|
| Company: Bill Barrett Corp. (II) | Local Co-ordinate Reference: Well Werner 43D-23-692 |
| Project: Garfield County, Colorado [NAD83] | TVD Reference: GL @ 5943.00ft (Original Well Elev) |
| Site: Werner Pad | MD Reference: GL @ 5943.00ft (Original Well Elev) |
| Well: Werner 43D-23-692 | North Reference: True |
| Wellbore: Wellbore #1 | Survey Calculation Method: Minimum Curvature |
| Design: Wellbore #1 | Database: CompassVM |

| Design Annotations | | | | |
|---------------------------|---------------------------|-------------------|---------------|--------------|
| Measured Depth (ft) | Vertical Depth (ft) | Local Coordinates | | Comment |
| | | +N/-S (ft) | +E/-W (ft) | |
| 787.00 | 786.99 | -0.64 | 2.55 | End of Gyros |
| 3,605.00 | 3,264.63 | 1,032.83 | 564.35 | As of Feb 9 |
| 5,987.00 | 5,535.10 | 1,569.61 | 841.05 | As of Feb 10 |
| 8,145.00 | 7,692.71 | 1,575.33 | 847.00 | Projected TD |

Checked By: _____ Approved By: _____ Date: _____