

BILL BARRETT CORP

GARFIELD COUNTY, COLORADO NAD 1983

MDP #11

GGU Federal #31B-29-691

GGU Federal #31B-29-691

Plan: Design #1

Standard Planning Report

28 April, 2010

BBC

Planning Report

| | | | |
|------------------|------------------------------------|-------------------------------------|------------------------------------|
| Database: | Compass | Local Co-ordinate Reference: | Well GGU Federal #31B-29-691 |
| Company: | BILL BARRETT CORP | TVD Reference: | WELL @ 0.00ft (Original Well Elev) |
| Project: | GARFIELD COUNTY, COLORADO NAD 1983 | MD Reference: | WELL @ 0.00ft (Original Well Elev) |
| Site: | MDP #11 | North Reference: | Grid |
| Well: | GGU Federal #31B-29-691 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | GGU Federal #31B-29-691 | | |
| Design: | Design #1 | | |

| | | | |
|--------------------|------------------------------------|----------------------|----------------|
| Project | GARFIELD COUNTY, COLORADO NAD 1983 | | |
| Map System: | US State Plane 1983 | System Datum: | Mean Sea Level |
| Geo Datum: | North American Datum 1983 | | |
| Map Zone: | Colorado Central Zone | | |

| | | | |
|------------------------------|----------|--------------------------|--------------------|
| Site | MDP #11 | | |
| Site Position: | | Northing: | 1,614,678.473 ft |
| From: | Lat/Long | Easting: | 2,415,085.675 ft |
| Position Uncertainty: | 0.00 ft | Slot Radius: | " |
| | | Latitude: | 39° 30' 9.890 N |
| | | Longitude: | 107° 34' 23.0500 W |
| | | Grid Convergence: | -1.31 ° |

| | | | |
|-----------------------------|-------------------------|-----------|----------------------------|
| Well | GGU Federal #31B-29-691 | | |
| Well Position | +N/-S | 27.41 ft | Northing: |
| | +E/-W | -92.67 ft | Easting: |
| Position Uncertainty | | 0.00 ft | Wellhead Elevation: |
| | | | ft |
| | | | Latitude: |
| | | | 39° 30' 10.140 N |
| | | | Longitude: |
| | | | 107° 34' 24.2400 W |
| | | | Ground Level: |
| | | | 0.00 ft |

| | | | | | |
|------------------|-------------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | GGU Federal #31B-29-691 | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF200510 | 12/31/2009 | 10.33 | 65.87 | 52,532 |

| | | | | |
|--------------------------|------------------------------|-------------------|----------------------|----------------------|
| Design | Design #1 | | | |
| Audit Notes: | | | | |
| Version: | Phase: | PROTOTYPE | Tie On Depth: | 0.00 |
| Vertical Section: | Depth From (TVD) (ft) | +N/-S (ft) | +E/-W (ft) | Direction (°) |
| | 0.00 | 0.00 | 0.00 | 302.58 |

| | | | | | | | | | | |
|----------------------------|------------------------|--------------------|----------------------------|-------------------|-------------------|------------------------------|-----------------------------|----------------------------|----------------|----------------|
| 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 | |
| 837.40 | 0.00 | 0.00 | 837.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 1,322.77 | 12.13 | 302.58 | 1,319.15 | 27.57 | -43.15 | 2.50 | 2.50 | 0.00 | 302.58 | |
| 4,312.67 | 12.13 | 302.58 | 4,242.25 | 366.02 | -572.72 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 4,798.04 | 0.00 | 0.00 | 4,724.00 | 393.59 | -615.87 | 2.50 | -2.50 | 0.00 | 180.00 | |
| 7,448.04 | 0.00 | 0.00 | 7,374.00 | 393.59 | -615.87 | 0.00 | 0.00 | 0.00 | 0.00 | PBHL_GGU Feder |

BBC

Planning Report

| | | | |
|------------------|------------------------------------|-------------------------------------|------------------------------------|
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| Company: | BILL BARRETT CORP | TVD Reference: | WELL @ 0.00ft (Original Well Elev) |
| Project: | GARFIELD COUNTY, COLORADO NAD 1983 | MD Reference: | WELL @ 0.00ft (Original Well Elev) |
| Site: | MDP #11 | North Reference: | Grid |
| Well: | GGU Federal #31B-29-691 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | GGU Federal #31B-29-691 | | |
| Design: | Design #1 | | |

| 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 |
| 400.00 | 0.00 | 0.00 | 400.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 500.00 | 0.00 | 0.00 | 500.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 600.00 | 0.00 | 0.00 | 600.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 700.00 | 0.00 | 0.00 | 700.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 737.40 | 0.00 | 0.00 | 737.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Surface Casing | | | | | | | | | |
| 800.00 | 0.00 | 0.00 | 800.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 837.40 | 0.00 | 0.00 | 837.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 900.00 | 1.56 | 302.58 | 899.99 | 0.46 | -0.72 | 0.85 | 2.50 | 2.50 | 0.00 |
| 1,000.00 | 4.06 | 302.58 | 999.86 | 3.10 | -4.86 | 5.77 | 2.50 | 2.50 | 0.00 |
| 1,100.00 | 6.56 | 302.58 | 1,099.43 | 8.09 | -12.66 | 15.03 | 2.50 | 2.50 | 0.00 |
| 1,200.00 | 9.06 | 302.58 | 1,198.49 | 15.41 | -24.12 | 28.62 | 2.50 | 2.50 | 0.00 |
| 1,300.00 | 11.56 | 302.58 | 1,296.87 | 25.06 | -39.21 | 46.53 | 2.50 | 2.50 | 0.00 |
| 1,322.77 | 12.13 | 302.58 | 1,319.15 | 27.57 | -43.15 | 51.21 | 2.50 | 2.50 | 0.00 |
| 1,400.00 | 12.13 | 302.58 | 1,394.65 | 36.32 | -56.83 | 67.44 | 0.00 | 0.00 | 0.00 |
| 1,500.00 | 12.13 | 302.58 | 1,492.42 | 47.64 | -74.54 | 88.46 | 0.00 | 0.00 | 0.00 |
| 1,600.00 | 12.13 | 302.58 | 1,590.19 | 58.96 | -92.25 | 109.48 | 0.00 | 0.00 | 0.00 |
| 1,700.00 | 12.13 | 302.58 | 1,687.95 | 70.27 | -109.96 | 130.50 | 0.00 | 0.00 | 0.00 |
| 1,800.00 | 12.13 | 302.58 | 1,785.72 | 81.59 | -127.67 | 151.52 | 0.00 | 0.00 | 0.00 |
| 1,900.00 | 12.13 | 302.58 | 1,883.48 | 92.91 | -145.39 | 172.54 | 0.00 | 0.00 | 0.00 |
| 2,000.00 | 12.13 | 302.58 | 1,981.25 | 104.23 | -163.10 | 193.56 | 0.00 | 0.00 | 0.00 |
| 2,100.00 | 12.13 | 302.58 | 2,079.01 | 115.55 | -180.81 | 214.58 | 0.00 | 0.00 | 0.00 |
| 2,200.00 | 12.13 | 302.58 | 2,176.78 | 126.87 | -198.52 | 235.60 | 0.00 | 0.00 | 0.00 |
| 2,300.00 | 12.13 | 302.58 | 2,274.55 | 138.19 | -216.24 | 256.62 | 0.00 | 0.00 | 0.00 |
| 2,400.00 | 12.13 | 302.58 | 2,372.31 | 149.51 | -233.95 | 277.64 | 0.00 | 0.00 | 0.00 |
| 2,500.00 | 12.13 | 302.58 | 2,470.08 | 160.83 | -251.66 | 298.66 | 0.00 | 0.00 | 0.00 |
| 2,600.00 | 12.13 | 302.58 | 2,567.84 | 172.15 | -269.37 | 319.68 | 0.00 | 0.00 | 0.00 |
| 2,700.00 | 12.13 | 302.58 | 2,665.61 | 183.47 | -287.08 | 340.70 | 0.00 | 0.00 | 0.00 |
| 2,800.00 | 12.13 | 302.58 | 2,763.38 | 194.79 | -304.80 | 361.72 | 0.00 | 0.00 | 0.00 |
| 2,900.00 | 12.13 | 302.58 | 2,861.14 | 206.11 | -322.51 | 382.74 | 0.00 | 0.00 | 0.00 |
| 3,000.00 | 12.13 | 302.58 | 2,958.91 | 217.43 | -340.22 | 403.76 | 0.00 | 0.00 | 0.00 |
| 3,100.00 | 12.13 | 302.58 | 3,056.67 | 228.75 | -357.93 | 424.78 | 0.00 | 0.00 | 0.00 |
| 3,200.00 | 12.13 | 302.58 | 3,154.44 | 240.07 | -375.65 | 445.80 | 0.00 | 0.00 | 0.00 |
| 3,300.00 | 12.13 | 302.58 | 3,252.20 | 251.39 | -393.36 | 466.83 | 0.00 | 0.00 | 0.00 |
| 3,400.00 | 12.13 | 302.58 | 3,349.97 | 262.71 | -411.07 | 487.85 | 0.00 | 0.00 | 0.00 |
| 3,500.00 | 12.13 | 302.58 | 3,447.74 | 274.03 | -428.78 | 508.87 | 0.00 | 0.00 | 0.00 |
| 3,537.09 | 12.13 | 302.58 | 3,484.00 | 278.23 | -435.35 | 516.66 | 0.00 | 0.00 | 0.00 |
| Mesaverde | | | | | | | | | |
| 3,600.00 | 12.13 | 302.58 | 3,545.50 | 285.35 | -446.49 | 529.89 | 0.00 | 0.00 | 0.00 |
| 3,700.00 | 12.13 | 302.58 | 3,643.27 | 296.67 | -464.21 | 550.91 | 0.00 | 0.00 | 0.00 |
| 3,800.00 | 12.13 | 302.58 | 3,741.03 | 307.99 | -481.92 | 571.93 | 0.00 | 0.00 | 0.00 |
| 3,900.00 | 12.13 | 302.58 | 3,838.80 | 319.31 | -499.63 | 592.95 | 0.00 | 0.00 | 0.00 |
| 4,000.00 | 12.13 | 302.58 | 3,936.56 | 330.62 | -517.34 | 613.97 | 0.00 | 0.00 | 0.00 |
| 4,100.00 | 12.13 | 302.58 | 4,034.33 | 341.94 | -535.06 | 634.99 | 0.00 | 0.00 | 0.00 |
| 4,200.00 | 12.13 | 302.58 | 4,132.10 | 353.26 | -552.77 | 656.01 | 0.00 | 0.00 | 0.00 |
| 4,300.00 | 12.13 | 302.58 | 4,229.86 | 364.58 | -570.48 | 677.03 | 0.00 | 0.00 | 0.00 |
| 4,312.67 | 12.13 | 302.58 | 4,242.25 | 366.02 | -572.72 | 679.69 | 0.00 | 0.00 | 0.00 |
| 4,355.29 | 11.07 | 302.58 | 4,284.00 | 370.63 | -579.95 | 688.26 | 2.50 | -2.50 | 0.00 |
| Price Coal | | | | | | | | | |

BBC

Planning Report

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|------------------|------------------------------------|-------------------------------------|------------------------------------|
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| Project: | GARFIELD COUNTY, COLORADO NAD 1983 | MD Reference: | WELL @ 0.00ft (Original Well Elev) |
| Site: | MDP #11 | North Reference: | Grid |
| Well: | GGU Federal #31B-29-691 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | GGU Federal #31B-29-691 | | |
| Design: | Design #1 | | |

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) |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| 4,400.00 | 9.95 | 302.58 | 4,327.96 | 375.02 | -586.82 | 696.42 | 2.50 | -2.50 | 0.00 |
| 4,500.00 | 7.45 | 302.58 | 4,426.80 | 383.17 | -599.56 | 711.54 | 2.50 | -2.50 | 0.00 |
| 4,600.00 | 4.95 | 302.58 | 4,526.20 | 388.99 | -608.66 | 722.35 | 2.50 | -2.50 | 0.00 |
| 4,700.00 | 2.45 | 302.58 | 4,625.99 | 392.46 | -614.10 | 728.80 | 2.50 | -2.50 | 0.00 |
| 4,798.04 | 0.00 | 0.00 | 4,724.00 | 393.59 | -615.87 | 730.90 | 2.50 | -2.50 | 0.00 |
| Top of Gas | | | | | | | | | |
| 4,800.00 | 0.00 | 0.00 | 4,725.96 | 393.59 | -615.87 | 730.90 | 0.00 | 0.00 | 0.00 |
| 4,900.00 | 0.00 | 0.00 | 4,825.96 | 393.59 | -615.87 | 730.90 | 0.00 | 0.00 | 0.00 |
| 5,000.00 | 0.00 | 0.00 | 4,925.96 | 393.59 | -615.87 | 730.90 | 0.00 | 0.00 | 0.00 |
| 5,100.00 | 0.00 | 0.00 | 5,025.96 | 393.59 | -615.87 | 730.90 | 0.00 | 0.00 | 0.00 |
| 5,200.00 | 0.00 | 0.00 | 5,125.96 | 393.59 | -615.87 | 730.90 | 0.00 | 0.00 | 0.00 |
| 5,300.00 | 0.00 | 0.00 | 5,225.96 | 393.59 | -615.87 | 730.90 | 0.00 | 0.00 | 0.00 |
| 5,400.00 | 0.00 | 0.00 | 5,325.96 | 393.59 | -615.87 | 730.90 | 0.00 | 0.00 | 0.00 |
| 5,500.00 | 0.00 | 0.00 | 5,425.96 | 393.59 | -615.87 | 730.90 | 0.00 | 0.00 | 0.00 |
| 5,600.00 | 0.00 | 0.00 | 5,525.96 | 393.59 | -615.87 | 730.90 | 0.00 | 0.00 | 0.00 |
| 5,700.00 | 0.00 | 0.00 | 5,625.96 | 393.59 | -615.87 | 730.90 | 0.00 | 0.00 | 0.00 |
| 5,800.00 | 0.00 | 0.00 | 5,725.96 | 393.59 | -615.87 | 730.90 | 0.00 | 0.00 | 0.00 |
| 5,900.00 | 0.00 | 0.00 | 5,825.96 | 393.59 | -615.87 | 730.90 | 0.00 | 0.00 | 0.00 |
| 6,000.00 | 0.00 | 0.00 | 5,925.96 | 393.59 | -615.87 | 730.90 | 0.00 | 0.00 | 0.00 |
| 6,100.00 | 0.00 | 0.00 | 6,025.96 | 393.59 | -615.87 | 730.90 | 0.00 | 0.00 | 0.00 |
| 6,200.00 | 0.00 | 0.00 | 6,125.96 | 393.59 | -615.87 | 730.90 | 0.00 | 0.00 | 0.00 |
| 6,300.00 | 0.00 | 0.00 | 6,225.96 | 393.59 | -615.87 | 730.90 | 0.00 | 0.00 | 0.00 |
| 6,400.00 | 0.00 | 0.00 | 6,325.96 | 393.59 | -615.87 | 730.90 | 0.00 | 0.00 | 0.00 |
| 6,500.00 | 0.00 | 0.00 | 6,425.96 | 393.59 | -615.87 | 730.90 | 0.00 | 0.00 | 0.00 |
| 6,600.00 | 0.00 | 0.00 | 6,525.96 | 393.59 | -615.87 | 730.90 | 0.00 | 0.00 | 0.00 |
| 6,700.00 | 0.00 | 0.00 | 6,625.96 | 393.59 | -615.87 | 730.90 | 0.00 | 0.00 | 0.00 |
| 6,800.00 | 0.00 | 0.00 | 6,725.96 | 393.59 | -615.87 | 730.90 | 0.00 | 0.00 | 0.00 |
| 6,900.00 | 0.00 | 0.00 | 6,825.96 | 393.59 | -615.87 | 730.90 | 0.00 | 0.00 | 0.00 |
| 7,000.00 | 0.00 | 0.00 | 6,925.96 | 393.59 | -615.87 | 730.90 | 0.00 | 0.00 | 0.00 |
| 7,100.00 | 0.00 | 0.00 | 7,025.96 | 393.59 | -615.87 | 730.90 | 0.00 | 0.00 | 0.00 |
| 7,148.04 | 0.00 | 0.00 | 7,074.00 | 393.59 | -615.87 | 730.90 | 0.00 | 0.00 | 0.00 |
| Rollins | | | | | | | | | |
| 7,200.00 | 0.00 | 0.00 | 7,125.96 | 393.59 | -615.87 | 730.90 | 0.00 | 0.00 | 0.00 |
| 7,300.00 | 0.00 | 0.00 | 7,225.96 | 393.59 | -615.87 | 730.90 | 0.00 | 0.00 | 0.00 |
| 7,400.00 | 0.00 | 0.00 | 7,325.96 | 393.59 | -615.87 | 730.90 | 0.00 | 0.00 | 0.00 |
| 7,448.04 | 0.00 | 0.00 | 7,374.00 | 393.59 | -615.87 | 730.90 | 0.00 | 0.00 | 0.00 |

Casing Points

| Measured Depth (ft) | Vertical Depth (ft) | Name | Casing Diameter (") | Hole Diameter (") |
|---------------------|---------------------|----------------|---------------------|-------------------|
| 737.40 | 737.40 | Surface Casing | 9-5/8 | 12-1/4 |

BBC

Planning Report

| | | | |
|------------------|------------------------------------|-------------------------------------|------------------------------------|
| Database: | Compass | Local Co-ordinate Reference: | Well GGU Federal #31B-29-691 |
| Company: | BILL BARRETT CORP | TVD Reference: | WELL @ 0.00ft (Original Well Elev) |
| Project: | GARFIELD COUNTY, COLORADO NAD 1983 | MD Reference: | WELL @ 0.00ft (Original Well Elev) |
| Site: | MDP #11 | North Reference: | Grid |
| Well: | GGU Federal #31B-29-691 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | GGU Federal #31B-29-691 | | |
| Design: | Design #1 | | |

| Formations | | | | | | |
|---------------------|---------------------|------------|-----------|---------|-------------------|--|
| Measured Depth (ft) | Vertical Depth (ft) | Name | Lithology | Dip (°) | Dip Direction (°) | |
| 3,537.09 | 3,484.00 | Mesaverde | | 0.00 | | |
| 4,355.29 | 4,284.00 | Price Coal | | 0.00 | | |
| 4,798.04 | 4,724.00 | Top of Gas | | 0.00 | | |
| 7,148.04 | 7,074.00 | Rollins | | 0.00 | | |

WELL DETAILS: GGU Federal #31B-29-691

Ground Level: 0.00
 +N/-S+E/-W Northing Easting Latitude Longitude Slot
 0.00 0.00 1614705.880 2414993.092 30° 10.147'N 104° 24.240'W



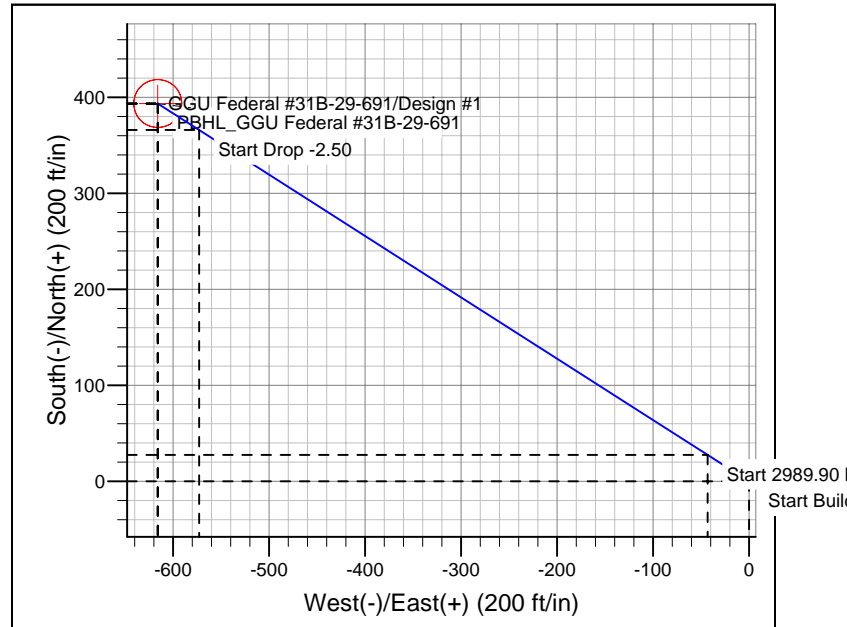
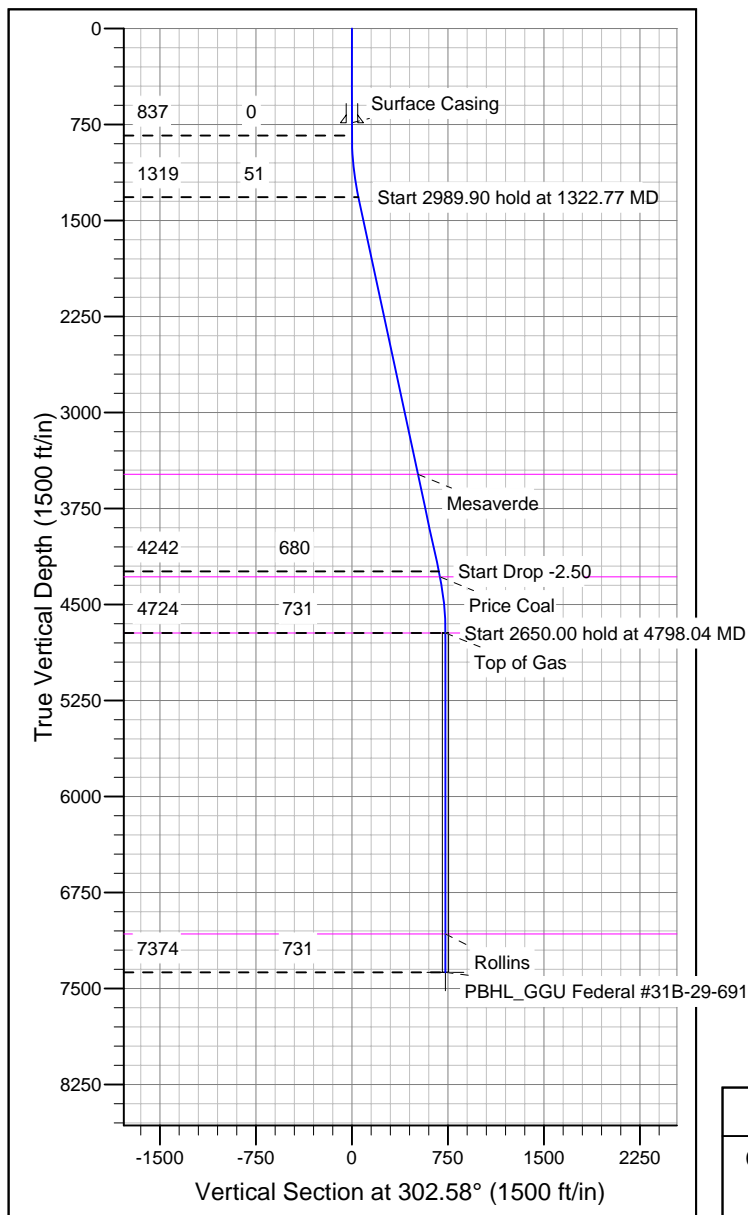
Azimuths to Grid North
 True North: 1.31°
 Magnetic North: 11.64°
 Magnetic Field
 Strength: 52532.1snT
 Dip Angle: 65.87°
 Date: 12/31/2009
 Model: IGRF200510

SECTION DETAILS

| Sec | MD | Inc | Azi | TVD | +N/-S | +E/-W | DLeg | TFace | VSec | Target |
|-----|--------|-------|--------|---------|--------|---------|------|--------|--------|------------------------------|
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 2 | 37.40 | 0.00 | 0.00 | 837.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 3 | 22.77 | 12.13 | 302.58 | 1319.15 | 27.57 | -43.15 | 2.50 | 302.58 | 51.21 | |
| 4 | 12.67 | 12.13 | 302.58 | 4242.25 | 366.02 | -572.72 | 0.00 | 0.00 | 679.69 | |
| 5 | 98.04 | 0.00 | 0.00 | 4724.00 | 393.59 | -615.87 | 2.50 | 180.00 | 730.90 | |
| 6 | 148.04 | 0.00 | 0.00 | 7374.00 | 393.59 | -615.87 | 0.00 | 0.00 | 730.90 | PBHL_GGU Federal #31B-29-691 |

WELLBORE TARGET DETAILS

| Name | TVD | +N/-S | +E/-W | Shape |
|------------------------------|--------|--------|---------|------------------------|
| PBHL_GGU Federal #31B-29-691 | 737.40 | 393.59 | -615.87 | Circle (Radius: 25.00) |



CASING DETAILS

| TVD | MD | Name | Size |
|--------|--------|----------------|-------|
| 737.40 | 737.40 | Surface Casing | 9-5/8 |

FORMATION TOP DETAILS

| TVD | MD | Formation |
|---------|---------|------------|
| 3484.00 | 3537.09 | Mesaverde |
| 4284.00 | 4355.29 | Price Coal |
| 4724.00 | 4798.04 | Top of Gas |
| 7074.00 | 7148.04 | Rollins |

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well GGU Federal #31B-29-691, Grid North
 Vertical (TVD) Reference: WELL @ 0.00ft (Original Well Elev)
 Section (VS) Reference: Slot - (0.00N, 0.00E)
 Measured Depth Reference: WELL @ 0.00ft (Original Well Elev)
 Calculation Method: Minimum Curvature