

BILL BARRETT CORP

GARFIELD COUNTY, COLORADO NAD 1983

MDP #11

GGU Federal #42D-29-691

GGU Federal #42D-29-691

Plan: Design #1

Standard Planning Report

28 April, 2010

BBC

Planning Report

| | | | |
|------------------|------------------------------------|-------------------------------------|------------------------------------|
| Database: | Compass | Local Co-ordinate Reference: | Well GGU Federal #42D-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 #42D-29-691 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | GGU Federal #42D-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 #42D-29-691 | | |
| Well Position | +N/-S | -9.02 ft | Northing: |
| | +E/-W | -4.13 ft | Easting: |
| Position Uncertainty | | 0.00 ft | Wellhead Elevation: |
| | | | ft |
| | | | Latitude: |
| | | | 39° 30' 9.800 N |
| | | | Longitude: |
| | | | 107° 34' 23.1000 W |
| | | | Ground Level: |
| | | | 0.00 ft |

| | | | | | |
|------------------|-------------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | GGU Federal #42D-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 | 110.49 |

| | | | | | | | | | | |
|----------------------------|------------------------|--------------------|----------------------------|-------------------|-------------------|------------------------------|-----------------------------|----------------------------|----------------|------------------|
| 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 | |
| 838.40 | 0.00 | 0.00 | 838.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 1,265.18 | 10.67 | 110.49 | 1,262.71 | -13.87 | 37.11 | 2.50 | 2.50 | 0.00 | 110.49 | |
| 4,396.28 | 10.67 | 110.49 | 4,339.69 | -216.78 | 580.14 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 4,823.06 | 0.00 | 0.00 | 4,764.00 | -230.65 | 617.25 | 2.50 | -2.50 | 0.00 | 180.00 | |
| 7,443.06 | 0.00 | 0.00 | 7,384.00 | -230.65 | 617.25 | 0.00 | 0.00 | 0.00 | 0.00 | PBHL_GGU Federal |

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 #42D-29-691 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | GGU Federal #42D-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 |
| 738.40 | 0.00 | 0.00 | 738.40 | 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 |
| 838.40 | 0.00 | 0.00 | 838.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 900.00 | 1.54 | 110.49 | 899.99 | -0.29 | 0.78 | 0.83 | 2.50 | 2.50 | 0.00 |
| 1,000.00 | 4.04 | 110.49 | 999.87 | -1.99 | 5.33 | 5.69 | 2.50 | 2.50 | 0.00 |
| 1,100.00 | 6.54 | 110.49 | 1,099.43 | -5.22 | 13.97 | 14.91 | 2.50 | 2.50 | 0.00 |
| 1,200.00 | 9.04 | 110.49 | 1,198.50 | -9.96 | 26.67 | 28.47 | 2.50 | 2.50 | 0.00 |
| 1,265.18 | 10.67 | 110.49 | 1,262.71 | -13.87 | 37.11 | 39.62 | 2.50 | 2.50 | 0.00 |
| 1,300.00 | 10.67 | 110.49 | 1,296.94 | -16.13 | 43.15 | 46.07 | 0.00 | 0.00 | 0.00 |
| 1,400.00 | 10.67 | 110.49 | 1,395.21 | -22.61 | 60.50 | 64.58 | 0.00 | 0.00 | 0.00 |
| 1,500.00 | 10.67 | 110.49 | 1,493.48 | -29.09 | 77.84 | 83.10 | 0.00 | 0.00 | 0.00 |
| 1,600.00 | 10.67 | 110.49 | 1,591.75 | -35.57 | 95.18 | 101.61 | 0.00 | 0.00 | 0.00 |
| 1,700.00 | 10.67 | 110.49 | 1,690.02 | -42.05 | 112.53 | 120.13 | 0.00 | 0.00 | 0.00 |
| 1,800.00 | 10.67 | 110.49 | 1,788.29 | -48.53 | 129.87 | 138.64 | 0.00 | 0.00 | 0.00 |
| 1,900.00 | 10.67 | 110.49 | 1,886.56 | -55.01 | 147.21 | 157.15 | 0.00 | 0.00 | 0.00 |
| 2,000.00 | 10.67 | 110.49 | 1,984.83 | -61.49 | 164.55 | 175.67 | 0.00 | 0.00 | 0.00 |
| 2,100.00 | 10.67 | 110.49 | 2,083.11 | -67.97 | 181.90 | 194.18 | 0.00 | 0.00 | 0.00 |
| 2,200.00 | 10.67 | 110.49 | 2,181.38 | -74.45 | 199.24 | 212.70 | 0.00 | 0.00 | 0.00 |
| 2,300.00 | 10.67 | 110.49 | 2,279.65 | -80.93 | 216.58 | 231.21 | 0.00 | 0.00 | 0.00 |
| 2,400.00 | 10.67 | 110.49 | 2,377.92 | -87.41 | 233.93 | 249.72 | 0.00 | 0.00 | 0.00 |
| 2,500.00 | 10.67 | 110.49 | 2,476.19 | -93.89 | 251.27 | 268.24 | 0.00 | 0.00 | 0.00 |
| 2,600.00 | 10.67 | 110.49 | 2,574.46 | -100.37 | 268.61 | 286.75 | 0.00 | 0.00 | 0.00 |
| 2,700.00 | 10.67 | 110.49 | 2,672.73 | -106.85 | 285.95 | 305.27 | 0.00 | 0.00 | 0.00 |
| 2,800.00 | 10.67 | 110.49 | 2,771.00 | -113.33 | 303.30 | 323.78 | 0.00 | 0.00 | 0.00 |
| 2,900.00 | 10.67 | 110.49 | 2,869.27 | -119.81 | 320.64 | 342.29 | 0.00 | 0.00 | 0.00 |
| 3,000.00 | 10.67 | 110.49 | 2,967.55 | -126.29 | 337.98 | 360.81 | 0.00 | 0.00 | 0.00 |
| 3,100.00 | 10.67 | 110.49 | 3,065.82 | -132.77 | 355.33 | 379.32 | 0.00 | 0.00 | 0.00 |
| 3,200.00 | 10.67 | 110.49 | 3,164.09 | -139.26 | 372.67 | 397.84 | 0.00 | 0.00 | 0.00 |
| 3,300.00 | 10.67 | 110.49 | 3,262.36 | -145.74 | 390.01 | 416.35 | 0.00 | 0.00 | 0.00 |
| 3,400.00 | 10.67 | 110.49 | 3,360.63 | -152.22 | 407.36 | 434.87 | 0.00 | 0.00 | 0.00 |
| 3,500.00 | 10.67 | 110.49 | 3,458.90 | -158.70 | 424.70 | 453.38 | 0.00 | 0.00 | 0.00 |
| 3,515.36 | 10.67 | 110.49 | 3,474.00 | -159.69 | 427.36 | 456.22 | 0.00 | 0.00 | 0.00 |
| Mesaverde | | | | | | | | | |
| 3,600.00 | 10.67 | 110.49 | 3,557.17 | -165.18 | 442.04 | 471.89 | 0.00 | 0.00 | 0.00 |
| 3,700.00 | 10.67 | 110.49 | 3,655.44 | -171.66 | 459.38 | 490.41 | 0.00 | 0.00 | 0.00 |
| 3,800.00 | 10.67 | 110.49 | 3,753.72 | -178.14 | 476.73 | 508.92 | 0.00 | 0.00 | 0.00 |
| 3,900.00 | 10.67 | 110.49 | 3,851.99 | -184.62 | 494.07 | 527.44 | 0.00 | 0.00 | 0.00 |
| 4,000.00 | 10.67 | 110.49 | 3,950.26 | -191.10 | 511.41 | 545.95 | 0.00 | 0.00 | 0.00 |
| 4,100.00 | 10.67 | 110.49 | 4,048.53 | -197.58 | 528.76 | 564.46 | 0.00 | 0.00 | 0.00 |
| 4,200.00 | 10.67 | 110.49 | 4,146.80 | -204.06 | 546.10 | 582.98 | 0.00 | 0.00 | 0.00 |
| 4,300.00 | 10.67 | 110.49 | 4,245.07 | -210.54 | 563.44 | 601.49 | 0.00 | 0.00 | 0.00 |
| 4,329.44 | 10.67 | 110.49 | 4,274.00 | -212.45 | 568.55 | 606.94 | 0.00 | 0.00 | 0.00 |
| Price Coal | | | | | | | | | |
| 4,396.28 | 10.67 | 110.49 | 4,339.69 | -216.78 | 580.14 | 619.32 | 0.00 | 0.00 | 0.00 |

BBC

Planning Report

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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 #42D-29-691 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | GGU Federal #42D-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 | 10.58 | 110.49 | 4,343.34 | -217.02 | 580.78 | 620.00 | 2.50 | -2.50 | 0.00 |
| 4,500.00 | 8.08 | 110.49 | 4,442.01 | -222.69 | 595.96 | 636.21 | 2.50 | -2.50 | 0.00 |
| 4,600.00 | 5.58 | 110.49 | 4,541.30 | -226.85 | 607.09 | 648.09 | 2.50 | -2.50 | 0.00 |
| 4,700.00 | 3.08 | 110.49 | 4,641.00 | -229.49 | 614.16 | 655.64 | 2.50 | -2.50 | 0.00 |
| 4,800.00 | 0.58 | 110.49 | 4,740.95 | -230.61 | 617.15 | 658.82 | 2.50 | -2.50 | 0.00 |
| 4,823.06 | 0.00 | 0.00 | 4,764.00 | -230.65 | 617.25 | 658.94 | 2.50 | -2.50 | 0.00 |
| Top of Gas | | | | | | | | | |
| 4,900.00 | 0.00 | 0.00 | 4,840.94 | -230.65 | 617.25 | 658.94 | 0.00 | 0.00 | 0.00 |
| 5,000.00 | 0.00 | 0.00 | 4,940.94 | -230.65 | 617.25 | 658.94 | 0.00 | 0.00 | 0.00 |
| 5,100.00 | 0.00 | 0.00 | 5,040.94 | -230.65 | 617.25 | 658.94 | 0.00 | 0.00 | 0.00 |
| 5,200.00 | 0.00 | 0.00 | 5,140.94 | -230.65 | 617.25 | 658.94 | 0.00 | 0.00 | 0.00 |
| 5,300.00 | 0.00 | 0.00 | 5,240.94 | -230.65 | 617.25 | 658.94 | 0.00 | 0.00 | 0.00 |
| 5,400.00 | 0.00 | 0.00 | 5,340.94 | -230.65 | 617.25 | 658.94 | 0.00 | 0.00 | 0.00 |
| 5,500.00 | 0.00 | 0.00 | 5,440.94 | -230.65 | 617.25 | 658.94 | 0.00 | 0.00 | 0.00 |
| 5,600.00 | 0.00 | 0.00 | 5,540.94 | -230.65 | 617.25 | 658.94 | 0.00 | 0.00 | 0.00 |
| 5,700.00 | 0.00 | 0.00 | 5,640.94 | -230.65 | 617.25 | 658.94 | 0.00 | 0.00 | 0.00 |
| 5,800.00 | 0.00 | 0.00 | 5,740.94 | -230.65 | 617.25 | 658.94 | 0.00 | 0.00 | 0.00 |
| 5,900.00 | 0.00 | 0.00 | 5,840.94 | -230.65 | 617.25 | 658.94 | 0.00 | 0.00 | 0.00 |
| 6,000.00 | 0.00 | 0.00 | 5,940.94 | -230.65 | 617.25 | 658.94 | 0.00 | 0.00 | 0.00 |
| 6,100.00 | 0.00 | 0.00 | 6,040.94 | -230.65 | 617.25 | 658.94 | 0.00 | 0.00 | 0.00 |
| 6,200.00 | 0.00 | 0.00 | 6,140.94 | -230.65 | 617.25 | 658.94 | 0.00 | 0.00 | 0.00 |
| 6,300.00 | 0.00 | 0.00 | 6,240.94 | -230.65 | 617.25 | 658.94 | 0.00 | 0.00 | 0.00 |
| 6,400.00 | 0.00 | 0.00 | 6,340.94 | -230.65 | 617.25 | 658.94 | 0.00 | 0.00 | 0.00 |
| 6,500.00 | 0.00 | 0.00 | 6,440.94 | -230.65 | 617.25 | 658.94 | 0.00 | 0.00 | 0.00 |
| 6,600.00 | 0.00 | 0.00 | 6,540.94 | -230.65 | 617.25 | 658.94 | 0.00 | 0.00 | 0.00 |
| 6,700.00 | 0.00 | 0.00 | 6,640.94 | -230.65 | 617.25 | 658.94 | 0.00 | 0.00 | 0.00 |
| 6,800.00 | 0.00 | 0.00 | 6,740.94 | -230.65 | 617.25 | 658.94 | 0.00 | 0.00 | 0.00 |
| 6,900.00 | 0.00 | 0.00 | 6,840.94 | -230.65 | 617.25 | 658.94 | 0.00 | 0.00 | 0.00 |
| 7,000.00 | 0.00 | 0.00 | 6,940.94 | -230.65 | 617.25 | 658.94 | 0.00 | 0.00 | 0.00 |
| 7,100.00 | 0.00 | 0.00 | 7,040.94 | -230.65 | 617.25 | 658.94 | 0.00 | 0.00 | 0.00 |
| 7,143.06 | 0.00 | 0.00 | 7,084.00 | -230.65 | 617.25 | 658.94 | 0.00 | 0.00 | 0.00 |
| Rollins | | | | | | | | | |
| 7,200.00 | 0.00 | 0.00 | 7,140.94 | -230.65 | 617.25 | 658.94 | 0.00 | 0.00 | 0.00 |
| 7,300.00 | 0.00 | 0.00 | 7,240.94 | -230.65 | 617.25 | 658.94 | 0.00 | 0.00 | 0.00 |
| 7,400.00 | 0.00 | 0.00 | 7,340.94 | -230.65 | 617.25 | 658.94 | 0.00 | 0.00 | 0.00 |
| 7,443.06 | 0.00 | 0.00 | 7,384.00 | -230.65 | 617.25 | 658.94 | 0.00 | 0.00 | 0.00 |

| Casing Points | | | | |
|---------------------|---------------------|----------------|---------------------|-------------------|
| Measured Depth (ft) | Vertical Depth (ft) | Name | Casing Diameter (") | Hole Diameter (") |
| 738.40 | 738.40 | Surface Casing | 9-5/8 | 12-1/4 |

BBC

Planning Report

| | | | |
|------------------|------------------------------------|-------------------------------------|------------------------------------|
| Database: | Compass | Local Co-ordinate Reference: | Well GGU Federal #42D-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 #42D-29-691 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | GGU Federal #42D-29-691 | | |
| Design: | Design #1 | | |

| Formations | | | | | | |
|---------------------|---------------------|------------|-----------|---------|-------------------|--|
| Measured Depth (ft) | Vertical Depth (ft) | Name | Lithology | Dip (°) | Dip Direction (°) | |
| 3,515.36 | 3,474.00 | Mesaverde | | 0.00 | | |
| 4,329.44 | 4,274.00 | Price Coal | | 0.00 | | |
| 4,823.06 | 4,764.00 | Top of Gas | | 0.00 | | |
| 7,143.06 | 7,084.00 | Rollins | | 0.00 | | |

WELL DETAILS: GGU Federal #42D-29-691

Ground Level: 0.00
 +N/-S+E/-W Northing Easting Latitude Longitude Slot
 0.00 0.00 1614669.450 2415081.549 29° 30' 9.807"N 104° 23.1000 W



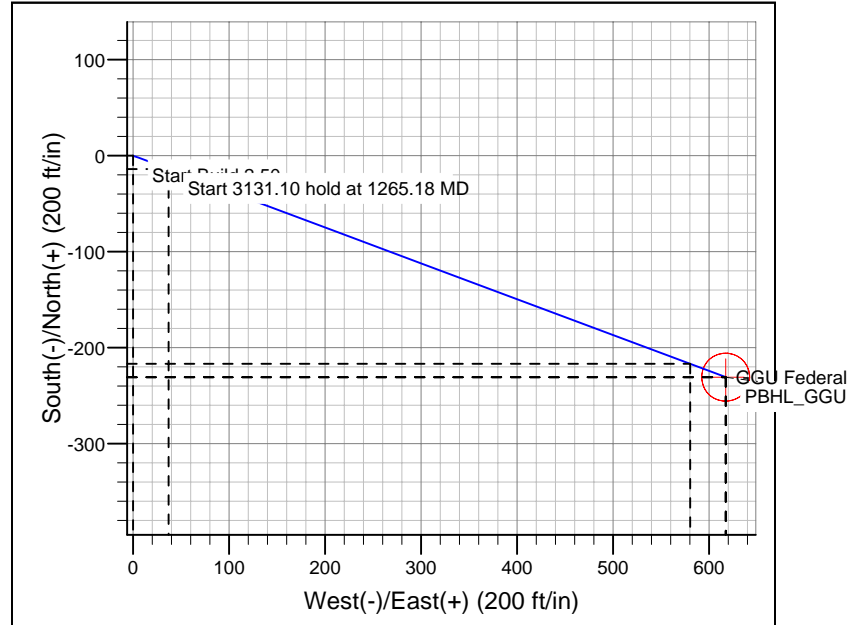
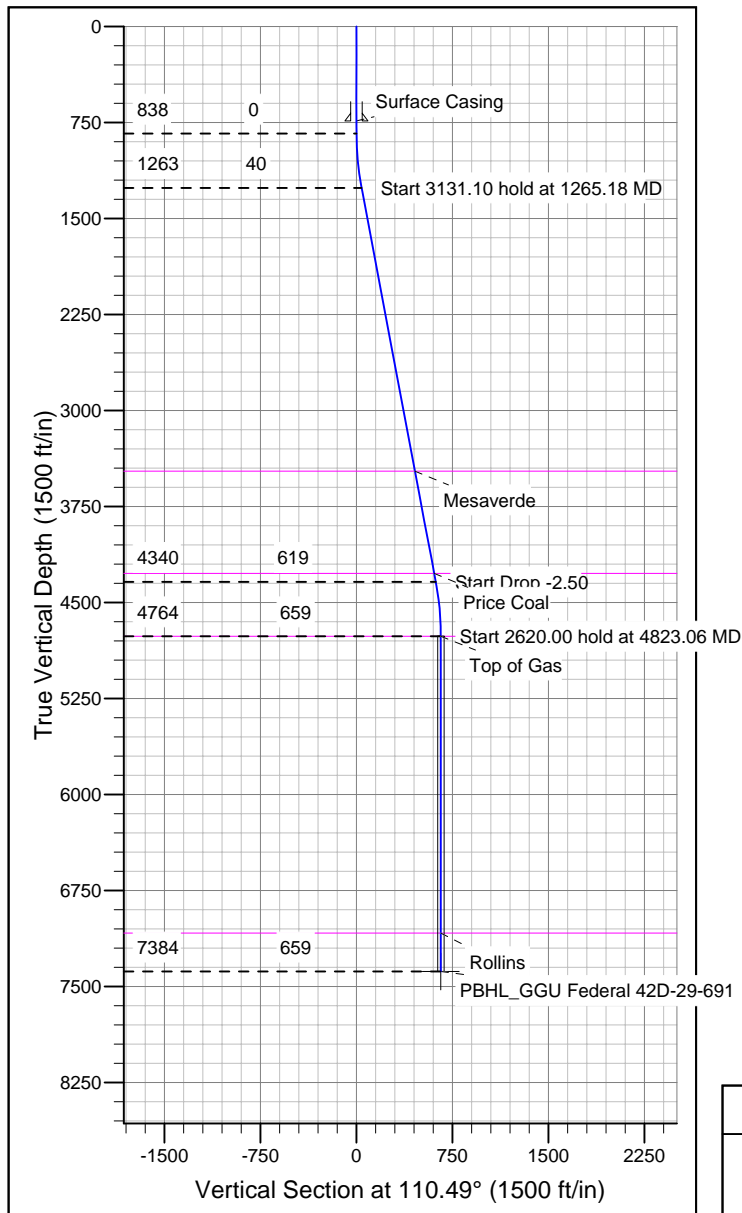
Azimuths to Grid North
 True North: 1.31°
 Magnetic North: 11.64°
 Magnetic Field
 Strength: 52532.0snT
 Dip Angle: 65.87°
 Date: 12/31/2009
 Model: IGRF200510

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 | 38.40 | 0.00 | 0.00 | 838.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 3 | 65.18 | 10.67 | 110.49 | 1262.71 | -13.87 | 37.11 | 2.50 | 110.49 | 39.62 | |
| 4 | 96.28 | 10.67 | 110.49 | 4339.69 | -216.78 | 580.14 | 0.00 | 0.00 | 619.32 | |
| 5 | 23.06 | 0.00 | 0.00 | 4764.00 | -230.65 | 617.25 | 2.50 | 180.00 | 658.94 | |
| 6 | 43.06 | 0.00 | 0.00 | 7384.00 | -230.65 | 617.25 | 0.00 | 0.00 | 658.94 | PBHL_GGU Federal 42D-29-691 |

WELLBORE TARGET DETAILS

Name TVD +N/-S +E/-W Shape
 PBHL_GGU Federal 42D-29-691 738.40 -13.87 580.14 Circle (Radius: 25.00)



CASING DETAILS

TVD MD Name Size
 738.40 738.40 Surface Casing 9-5/8

FORMATION TOP DETAILS

TVD Path MD Path Formation
 3474.00 3515.36 Mesaverde
 4274.00 4329.44 Price Coal
 4764.00 4823.06 Top of Gas
 7084.00 7143.06 Rollins

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well GGU Federal #42D-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