

BILL BARRETT CORP

GARFIELD COUNTY, COLORADO NAD 1983

MDP #15

GGU Swanson 33D-29-691

Wellbore #1

Plan: Design #1

Standard Planning Report

15 April, 2010

BBC

Planning Report

| | | | |
|------------------|------------------------------------|-------------------------------------|---------------------------------------|
| Database: | Compass | Local Co-ordinate Reference: | Well GGU Swanson 33D-29-691 |
| Company: | BILL BARRETT CORP | TVD Reference: | WELL @ 6031.00ft (Original Well Elev) |
| Project: | GARFIELD COUNTY, COLORADO NAD 1983 | MD Reference: | WELL @ 6031.00ft (Original Well Elev) |
| Site: | MDP #15 | North Reference: | True |
| Well: | GGU Swanson 33D-29-691 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| 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 #15 | | |
| Site Position: | | Northing: | 1,612,461.747 ft |
| From: | Lat/Long | Easting: | 2,414,303.528 ft |
| Position Uncertainty: | 0.00 ft | Slot Radius: | " |
| | | Latitude: | 39° 29' 47.810 N |
| | | Longitude: | 107° 34' 32.3800 W |
| | | Grid Convergence: | -1.31 ° |

| | | | |
|-----------------------------|------------------------|------------|----------------------------|
| Well | GGU Swanson 33D-29-691 | | |
| Well Position | +N/-S | 36.42 ft | Northing: |
| | +E/-W | -105.82 ft | Easting: |
| Position Uncertainty | | 0.00 ft | Wellhead Elevation: |
| | | | ft |
| | | | Latitude: |
| | | | 39° 29' 48.170 N |
| | | | Longitude: |
| | | | 107° 34' 33.7300 W |
| | | | Ground Level: |
| | | | 0.00 ft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | Wellbore #1 | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | BGGM2007 | 4/15/2010 | 10.37 | 65.83 | 52,398 |

| | | | | |
|--------------------------|------------------------------|-------------------|----------------------|----------------------|
| 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 | 16.14 |

| | | | | | | | | | | |
|----------------------------|------------------------|--------------------|----------------------------|-------------------|-------------------|------------------------------|-----------------------------|----------------------------|----------------|-----------------|
| 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 | |
| 735.00 | 0.00 | 0.00 | 735.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 1,084.44 | 8.74 | 16.14 | 1,083.08 | 25.54 | 7.39 | 2.50 | 2.50 | 0.00 | 16.14 | |
| 4,237.80 | 8.74 | 16.14 | 4,199.86 | 485.59 | 140.54 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 4,820.19 | 0.00 | 0.00 | 4,780.00 | 528.16 | 152.85 | 1.50 | -1.50 | 0.00 | 180.00 | |
| 7,320.19 | 0.00 | 0.00 | 7,280.00 | 528.16 | 152.85 | 0.00 | 0.00 | 0.00 | 0.00 | GGU Swanson 33D |

BBC

Planning Report

| | | | |
|------------------|------------------------------------|-------------------------------------|---------------------------------------|
| Database: | Compass | Local Co-ordinate Reference: | Well GGU Swanson 33D-29-691 |
| Company: | BILL BARRETT CORP | TVD Reference: | WELL @ 6031.00ft (Original Well Elev) |
| Project: | GARFIELD COUNTY, COLORADO NAD 1983 | MD Reference: | WELL @ 6031.00ft (Original Well Elev) |
| Site: | MDP #15 | North Reference: | True |
| Well: | GGU Swanson 33D-29-691 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| 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 |
| 735.00 | 0.00 | 0.00 | 735.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 5/8" | | | | | | | | | |
| 800.00 | 1.62 | 16.14 | 799.99 | 0.89 | 0.26 | 0.92 | 2.50 | 2.50 | 0.00 |
| 900.00 | 4.12 | 16.14 | 899.86 | 5.70 | 1.65 | 5.94 | 2.50 | 2.50 | 0.00 |
| 1,000.00 | 6.62 | 16.14 | 999.41 | 14.70 | 4.25 | 15.30 | 2.50 | 2.50 | 0.00 |
| 1,084.44 | 8.74 | 16.14 | 1,083.08 | 25.54 | 7.39 | 26.59 | 2.50 | 2.50 | 0.00 |
| 1,100.00 | 8.74 | 16.14 | 1,098.47 | 27.81 | 8.05 | 28.95 | 0.00 | 0.00 | 0.00 |
| 1,200.00 | 8.74 | 16.14 | 1,197.31 | 42.40 | 12.27 | 44.14 | 0.00 | 0.00 | 0.00 |
| 1,300.00 | 8.74 | 16.14 | 1,296.15 | 56.99 | 16.49 | 59.33 | 0.00 | 0.00 | 0.00 |
| 1,400.00 | 8.74 | 16.14 | 1,394.99 | 71.58 | 20.72 | 74.52 | 0.00 | 0.00 | 0.00 |
| 1,500.00 | 8.74 | 16.14 | 1,493.83 | 86.17 | 24.94 | 89.70 | 0.00 | 0.00 | 0.00 |
| 1,600.00 | 8.74 | 16.14 | 1,592.67 | 100.76 | 29.16 | 104.89 | 0.00 | 0.00 | 0.00 |
| 1,700.00 | 8.74 | 16.14 | 1,691.51 | 115.35 | 33.38 | 120.08 | 0.00 | 0.00 | 0.00 |
| 1,800.00 | 8.74 | 16.14 | 1,790.35 | 129.94 | 37.60 | 135.27 | 0.00 | 0.00 | 0.00 |
| 1,900.00 | 8.74 | 16.14 | 1,889.19 | 144.52 | 41.83 | 150.46 | 0.00 | 0.00 | 0.00 |
| 2,000.00 | 8.74 | 16.14 | 1,988.03 | 159.11 | 46.05 | 165.64 | 0.00 | 0.00 | 0.00 |
| 2,100.00 | 8.74 | 16.14 | 2,086.87 | 173.70 | 50.27 | 180.83 | 0.00 | 0.00 | 0.00 |
| 2,200.00 | 8.74 | 16.14 | 2,185.71 | 188.29 | 54.49 | 196.02 | 0.00 | 0.00 | 0.00 |
| 2,300.00 | 8.74 | 16.14 | 2,284.55 | 202.88 | 58.72 | 211.21 | 0.00 | 0.00 | 0.00 |
| 2,400.00 | 8.74 | 16.14 | 2,383.39 | 217.47 | 62.94 | 226.40 | 0.00 | 0.00 | 0.00 |
| 2,500.00 | 8.74 | 16.14 | 2,482.23 | 232.06 | 67.16 | 241.58 | 0.00 | 0.00 | 0.00 |
| 2,600.00 | 8.74 | 16.14 | 2,581.07 | 246.65 | 71.38 | 256.77 | 0.00 | 0.00 | 0.00 |
| 2,700.00 | 8.74 | 16.14 | 2,679.91 | 261.24 | 75.61 | 271.96 | 0.00 | 0.00 | 0.00 |
| 2,800.00 | 8.74 | 16.14 | 2,778.75 | 275.83 | 79.83 | 287.15 | 0.00 | 0.00 | 0.00 |
| 2,900.00 | 8.74 | 16.14 | 2,877.59 | 290.42 | 84.05 | 302.34 | 0.00 | 0.00 | 0.00 |
| 3,000.00 | 8.74 | 16.14 | 2,976.43 | 305.01 | 88.27 | 317.52 | 0.00 | 0.00 | 0.00 |
| 3,100.00 | 8.74 | 16.14 | 3,075.27 | 319.60 | 92.49 | 332.71 | 0.00 | 0.00 | 0.00 |
| 3,200.00 | 8.74 | 16.14 | 3,174.10 | 334.19 | 96.72 | 347.90 | 0.00 | 0.00 | 0.00 |
| 3,300.00 | 8.74 | 16.14 | 3,272.94 | 348.77 | 100.94 | 363.09 | 0.00 | 0.00 | 0.00 |
| 3,400.00 | 8.74 | 16.14 | 3,371.78 | 363.36 | 105.16 | 378.28 | 0.00 | 0.00 | 0.00 |
| 3,448.78 | 8.74 | 16.14 | 3,420.00 | 370.48 | 107.22 | 385.68 | 0.00 | 0.00 | 0.00 |
| Mesaverde | | | | | | | | | |
| 3,500.00 | 8.74 | 16.14 | 3,470.62 | 377.95 | 109.38 | 393.46 | 0.00 | 0.00 | 0.00 |
| 3,600.00 | 8.74 | 16.14 | 3,569.46 | 392.54 | 113.61 | 408.65 | 0.00 | 0.00 | 0.00 |
| 3,700.00 | 8.74 | 16.14 | 3,668.30 | 407.13 | 117.83 | 423.84 | 0.00 | 0.00 | 0.00 |
| 3,800.00 | 8.74 | 16.14 | 3,767.14 | 421.72 | 122.05 | 439.03 | 0.00 | 0.00 | 0.00 |
| 3,900.00 | 8.74 | 16.14 | 3,865.98 | 436.31 | 126.27 | 454.22 | 0.00 | 0.00 | 0.00 |
| 4,000.00 | 8.74 | 16.14 | 3,964.82 | 450.90 | 130.49 | 469.40 | 0.00 | 0.00 | 0.00 |
| 4,100.00 | 8.74 | 16.14 | 4,063.66 | 465.49 | 134.72 | 484.59 | 0.00 | 0.00 | 0.00 |
| 4,200.00 | 8.74 | 16.14 | 4,162.50 | 480.08 | 138.94 | 499.78 | 0.00 | 0.00 | 0.00 |
| 4,217.70 | 8.74 | 16.14 | 4,180.00 | 482.66 | 139.69 | 502.47 | 0.00 | 0.00 | 0.00 |
| Price Coal | | | | | | | | | |
| 4,237.80 | 8.74 | 16.14 | 4,199.86 | 485.59 | 140.54 | 505.52 | 0.00 | 0.00 | 0.00 |
| 4,300.00 | 7.80 | 16.14 | 4,261.42 | 494.19 | 143.02 | 514.47 | 1.50 | -1.50 | 0.00 |
| 4,400.00 | 6.30 | 16.14 | 4,360.66 | 505.98 | 146.44 | 526.74 | 1.50 | -1.50 | 0.00 |

BBC

Planning Report

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| Project: | GARFIELD COUNTY, COLORADO NAD 1983 | MD Reference: | WELL @ 6031.00ft (Original Well Elev) |
| Site: | MDP #15 | North Reference: | True |
| Well: | GGU Swanson 33D-29-691 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| 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) |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| 4,500.00 | 4.80 | 16.14 | 4,460.19 | 515.27 | 149.13 | 536.42 | 1.50 | -1.50 | 0.00 |
| 4,600.00 | 3.30 | 16.14 | 4,559.93 | 522.06 | 151.09 | 543.49 | 1.50 | -1.50 | 0.00 |
| 4,700.00 | 1.80 | 16.14 | 4,659.83 | 526.34 | 152.33 | 547.94 | 1.50 | -1.50 | 0.00 |
| 4,800.00 | 0.30 | 16.14 | 4,759.81 | 528.11 | 152.84 | 549.78 | 1.50 | -1.50 | 0.00 |
| 4,820.19 | 0.00 | 0.00 | 4,780.00 | 528.16 | 152.85 | 549.83 | 1.50 | -1.50 | 0.00 |
| 4,900.00 | 0.00 | 0.00 | 4,859.81 | 528.16 | 152.85 | 549.83 | 0.00 | 0.00 | 0.00 |
| 4,920.19 | 0.00 | 0.00 | 4,880.00 | 528.16 | 152.85 | 549.83 | 0.00 | 0.00 | 0.00 |
| Top Gas | | | | | | | | | |
| 5,000.00 | 0.00 | 0.00 | 4,959.81 | 528.16 | 152.85 | 549.83 | 0.00 | 0.00 | 0.00 |
| 5,100.00 | 0.00 | 0.00 | 5,059.81 | 528.16 | 152.85 | 549.83 | 0.00 | 0.00 | 0.00 |
| 5,200.00 | 0.00 | 0.00 | 5,159.81 | 528.16 | 152.85 | 549.83 | 0.00 | 0.00 | 0.00 |
| 5,300.00 | 0.00 | 0.00 | 5,259.81 | 528.16 | 152.85 | 549.83 | 0.00 | 0.00 | 0.00 |
| 5,400.00 | 0.00 | 0.00 | 5,359.81 | 528.16 | 152.85 | 549.83 | 0.00 | 0.00 | 0.00 |
| 5,500.00 | 0.00 | 0.00 | 5,459.81 | 528.16 | 152.85 | 549.83 | 0.00 | 0.00 | 0.00 |
| 5,600.00 | 0.00 | 0.00 | 5,559.81 | 528.16 | 152.85 | 549.83 | 0.00 | 0.00 | 0.00 |
| 5,700.00 | 0.00 | 0.00 | 5,659.81 | 528.16 | 152.85 | 549.83 | 0.00 | 0.00 | 0.00 |
| 5,800.00 | 0.00 | 0.00 | 5,759.81 | 528.16 | 152.85 | 549.83 | 0.00 | 0.00 | 0.00 |
| 5,900.00 | 0.00 | 0.00 | 5,859.81 | 528.16 | 152.85 | 549.83 | 0.00 | 0.00 | 0.00 |
| 6,000.00 | 0.00 | 0.00 | 5,959.81 | 528.16 | 152.85 | 549.83 | 0.00 | 0.00 | 0.00 |
| 6,100.00 | 0.00 | 0.00 | 6,059.81 | 528.16 | 152.85 | 549.83 | 0.00 | 0.00 | 0.00 |
| 6,200.00 | 0.00 | 0.00 | 6,159.81 | 528.16 | 152.85 | 549.83 | 0.00 | 0.00 | 0.00 |
| 6,300.00 | 0.00 | 0.00 | 6,259.81 | 528.16 | 152.85 | 549.83 | 0.00 | 0.00 | 0.00 |
| 6,400.00 | 0.00 | 0.00 | 6,359.81 | 528.16 | 152.85 | 549.83 | 0.00 | 0.00 | 0.00 |
| 6,500.00 | 0.00 | 0.00 | 6,459.81 | 528.16 | 152.85 | 549.83 | 0.00 | 0.00 | 0.00 |
| 6,600.00 | 0.00 | 0.00 | 6,559.81 | 528.16 | 152.85 | 549.83 | 0.00 | 0.00 | 0.00 |
| 6,700.00 | 0.00 | 0.00 | 6,659.81 | 528.16 | 152.85 | 549.83 | 0.00 | 0.00 | 0.00 |
| 6,800.00 | 0.00 | 0.00 | 6,759.81 | 528.16 | 152.85 | 549.83 | 0.00 | 0.00 | 0.00 |
| 6,900.00 | 0.00 | 0.00 | 6,859.81 | 528.16 | 152.85 | 549.83 | 0.00 | 0.00 | 0.00 |
| 7,000.00 | 0.00 | 0.00 | 6,959.81 | 528.16 | 152.85 | 549.83 | 0.00 | 0.00 | 0.00 |
| 7,020.19 | 0.00 | 0.00 | 6,980.00 | 528.16 | 152.85 | 549.83 | 0.00 | 0.00 | 0.00 |
| Rollins | | | | | | | | | |
| 7,100.00 | 0.00 | 0.00 | 7,059.81 | 528.16 | 152.85 | 549.83 | 0.00 | 0.00 | 0.00 |
| 7,200.00 | 0.00 | 0.00 | 7,159.81 | 528.16 | 152.85 | 549.83 | 0.00 | 0.00 | 0.00 |
| 7,300.00 | 0.00 | 0.00 | 7,259.81 | 528.16 | 152.85 | 549.83 | 0.00 | 0.00 | 0.00 |
| 7,320.19 | 0.00 | 0.00 | 7,280.00 | 528.16 | 152.85 | 549.83 | 0.00 | 0.00 | 0.00 |
| TD | | | | | | | | | |

Casing Points

| Measured Depth (ft) | Vertical Depth (ft) | Name | Casing Diameter (") | Hole Diameter (") |
|---------------------|---------------------|--------|---------------------|-------------------|
| 735.00 | 735.00 | 9 5/8" | 9-5/8 | 12-1/4 |

BBC

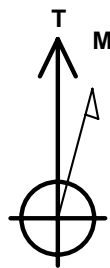
Planning Report

| | | | |
|------------------|------------------------------------|-------------------------------------|---------------------------------------|
| Database: | Compass | Local Co-ordinate Reference: | Well GGU Swanson 33D-29-691 |
| Company: | BILL BARRETT CORP | TVD Reference: | WELL @ 6031.00ft (Original Well Elev) |
| Project: | GARFIELD COUNTY, COLORADO NAD 1983 | MD Reference: | WELL @ 6031.00ft (Original Well Elev) |
| Site: | MDP #15 | North Reference: | True |
| Well: | GGU Swanson 33D-29-691 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #1 | | |

| Formations | | | | | | |
|---------------------|---------------------|------------|-----------|---------|-------------------|--|
| Measured Depth (ft) | Vertical Depth (ft) | Name | Lithology | Dip (°) | Dip Direction (°) | |
| 3,448.78 | 3,420.00 | Mesaverde | | 0.00 | | |
| 4,217.70 | 4,180.00 | Price Coal | | 0.00 | | |
| 4,920.19 | 4,880.00 | Top Gas | | 0.00 | | |
| 7,020.19 | 6,980.00 | Rollins | | 0.00 | | |
| 7,320.19 | 7,280.00 | TD | | 0.00 | | |

WELL DETAILS: GGU Swanson 33D-29-691

Ground Level: 0.00
 +N/-S+E/-W Northing Easting Latitude Longitude Slot
 0.00 0.00 1612500.570 2414198.568 29° 48.100' N 104° 33.7300 W



Azimuths to True North
 Magnetic North: 10.37°

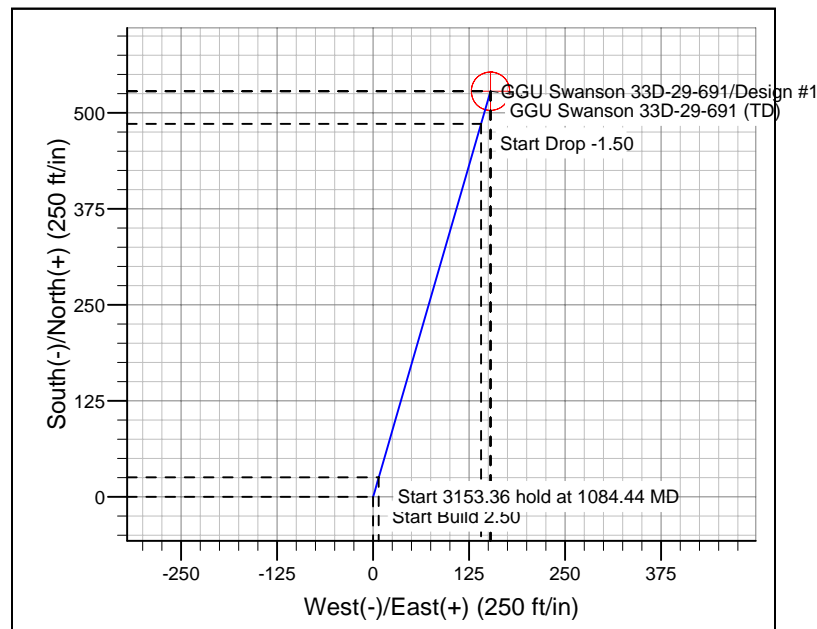
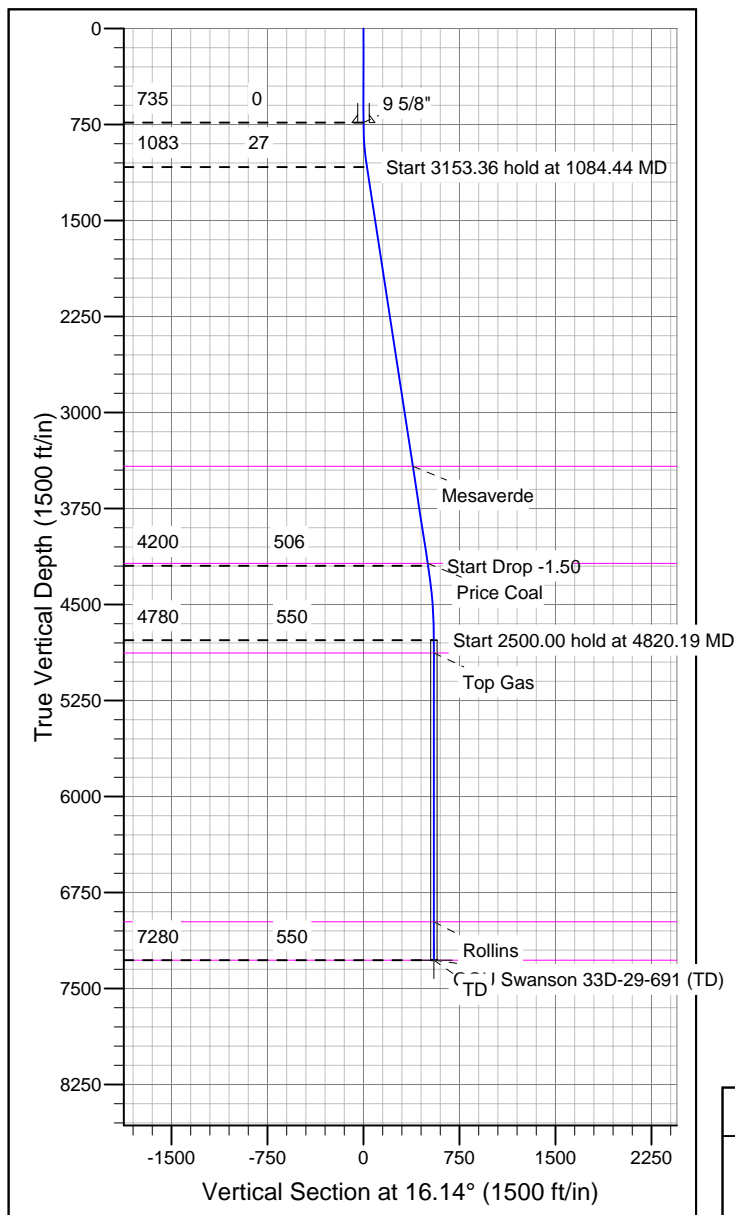
Magnetic Field
 Strength: 52398.2snT
 Dip Angle: 65.83°
 Date: 4/15/2010
 Model: BGGM2007

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 | 735.00 | 0.00 | 0.00 | 735.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 3 | 1084.44 | 8.74 | 16.14 | 1083.08 | 25.54 | 7.39 | 2.50 | 16.14 | 26.59 | |
| 4 | 4237.80 | 8.74 | 16.14 | 4199.86 | 485.59 | 140.54 | 0.00 | 0.00 | 505.52 | |
| 5 | 4820.19 | 0.00 | 0.00 | 4780.00 | 528.16 | 152.85 | 1.50 | 180.00 | 549.83 | |
| 6 | 7320.19 | 0.00 | 0.00 | 7280.00 | 528.16 | 152.85 | 0.00 | 0.00 | 549.83 | GGU Swanson 33D-29-691 (TD) |

WELLBORE TARGET DETAILS

Name TVD +N/-S +E/-W Shape
 GGU Swanson 33D-29-691 (TD) 528.16 152.85 Circle (Radius: 25.00)



CASING DETAILS

TVD MD Name Size
 735.00 735.00 9 5/8" 9-5/8"

FORMATION TOP DETAILS

| TVD | MD | Formation |
|---------|---------|------------|
| 3420.00 | 3448.78 | Mesaverde |
| 4180.00 | 4217.70 | Price Coal |
| 4880.00 | 4920.19 | Top Gas |
| 6980.00 | 7020.19 | Rollins |
| 7280.00 | 7320.19 | TD |

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well GGU Swanson 33D-29-691, True North
 Vertical (TVD) Reference: WELL @ 6031.00ft (Original Well Elev)
 Section (VS) Reference: Slot - (0.00N, 0.00E)
 Measured Depth Reference: WELL @ 6031.00ft (Original Well Elev)
 Calculation Method: Minimum Curvature