

BILL BARRETT CORP

GARFIELD COUNTY, COLORADO NAD 1983

Kaufman Pad #5 NWSE-24-692

Kaufman 43A-24-692

Wellbore #1

Plan: Design #1

Standard Planning Report

30 September, 2010

BBC

Planning Report

| | | | |
|------------------|------------------------------------|-------------------------------------|------------------------------------|
| Database: | Compass | Local Co-ordinate Reference: | Well Kaufman 43A-24-692 |
| 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: | Kaufman Pad #5 NWSE-24-692 | North Reference: | True |
| Well: | Kaufman 43A-24-692 | 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 | Kaufman Pad #5 NWSE-24-692 | | |
| Site Position: | | Northing: | 1,618,121.825 ft |
| From: | Lat/Long | Easting: | 2,404,091.811 ft |
| Position Uncertainty: | 0.00 ft | Slot Radius: | " |
| | | Latitude: | 39° 30' 41.411 N |
| | | Longitude: | 107° 36' 44.2944 W |
| | | Grid Convergence: | -1.33 ° |

| | | | |
|-----------------------------|--------------------|----------|----------------------------|
| Well | Kaufman 43A-24-692 | | |
| Well Position | +N/-S | 21.48 ft | Northing: |
| | +E/-W | 42.89 ft | Easting: |
| Position Uncertainty | | 0.00 ft | Wellhead Elevation: |
| | | | ft |
| | | | Latitude: |
| | | | 39° 30' 41.623 N |
| | | | Longitude: |
| | | | 107° 36' 43.7472 W |
| | | | Ground Level: |
| | | | 0.00 ft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | Wellbore #1 | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | BGGM2007 | 9/30/2010 | 10.34 | 65.82 | 52,399 |

| | | | | |
|--------------------------|------------------------------|-------------------|----------------------|----------------------|
| 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 | 123.66 |

| | | | | | | | | | | |
|----------------------------|------------------------|--------------------|----------------------------|-------------------|-------------------|------------------------------|-----------------------------|----------------------------|----------------|--------------------|
| 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 | |
| 760.00 | 0.00 | 0.00 | 760.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 1,512.57 | 18.81 | 123.66 | 1,499.12 | -67.87 | 101.92 | 2.50 | 2.50 | 0.00 | 123.66 | |
| 4,347.03 | 18.81 | 123.66 | 4,182.13 | -574.54 | 862.78 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 5,601.32 | 0.00 | 0.00 | 5,414.00 | -687.66 | 1,032.66 | 1.50 | -1.50 | 0.00 | 180.00 | |
| 7,601.32 | 0.00 | 0.00 | 7,414.00 | -687.66 | 1,032.66 | 0.00 | 0.00 | 0.00 | 0.00 | Kaufman 43A-24-692 |

BBC

Planning Report

| | | | |
|------------------|------------------------------------|-------------------------------------|------------------------------------|
| Database: | Compass | Local Co-ordinate Reference: | Well Kaufman 43A-24-692 |
| 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: | Kaufman Pad #5 NWSE-24-692 | North Reference: | True |
| Well: | Kaufman 43A-24-692 | 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 |
| 760.00 | 0.00 | 0.00 | 760.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 5/8" | | | | | | | | | |
| 800.00 | 1.00 | 123.66 | 800.00 | -0.19 | 0.29 | 0.35 | 2.50 | 2.50 | 0.00 |
| 900.00 | 3.50 | 123.66 | 899.91 | -2.37 | 3.56 | 4.27 | 2.50 | 2.50 | 0.00 |
| 1,000.00 | 6.00 | 123.66 | 999.56 | -6.96 | 10.45 | 12.55 | 2.50 | 2.50 | 0.00 |
| 1,100.00 | 8.50 | 123.66 | 1,098.75 | -13.95 | 20.95 | 25.17 | 2.50 | 2.50 | 0.00 |
| 1,200.00 | 11.00 | 123.66 | 1,197.30 | -23.34 | 35.05 | 42.11 | 2.50 | 2.50 | 0.00 |
| 1,300.00 | 13.50 | 123.66 | 1,295.02 | -35.10 | 52.71 | 63.32 | 2.50 | 2.50 | 0.00 |
| 1,400.00 | 16.00 | 123.66 | 1,391.71 | -49.21 | 73.90 | 88.78 | 2.50 | 2.50 | 0.00 |
| 1,500.00 | 18.50 | 123.66 | 1,487.21 | -65.64 | 98.58 | 118.43 | 2.50 | 2.50 | 0.00 |
| 1,512.57 | 18.81 | 123.66 | 1,499.12 | -67.87 | 101.92 | 122.46 | 2.50 | 2.50 | 0.00 |
| 1,600.00 | 18.81 | 123.66 | 1,581.88 | -83.50 | 125.39 | 150.65 | 0.00 | 0.00 | 0.00 |
| 1,700.00 | 18.81 | 123.66 | 1,676.53 | -101.38 | 152.24 | 182.90 | 0.00 | 0.00 | 0.00 |
| 1,800.00 | 18.81 | 123.66 | 1,771.19 | -119.25 | 179.08 | 215.15 | 0.00 | 0.00 | 0.00 |
| 1,900.00 | 18.81 | 123.66 | 1,865.85 | -137.13 | 205.92 | 247.40 | 0.00 | 0.00 | 0.00 |
| 2,000.00 | 18.81 | 123.66 | 1,960.50 | -155.00 | 232.76 | 279.65 | 0.00 | 0.00 | 0.00 |
| 2,100.00 | 18.81 | 123.66 | 2,055.16 | -172.88 | 259.61 | 311.90 | 0.00 | 0.00 | 0.00 |
| 2,200.00 | 18.81 | 123.66 | 2,149.82 | -190.75 | 286.45 | 344.15 | 0.00 | 0.00 | 0.00 |
| 2,300.00 | 18.81 | 123.66 | 2,244.47 | -208.63 | 313.29 | 376.40 | 0.00 | 0.00 | 0.00 |
| 2,400.00 | 18.81 | 123.66 | 2,339.13 | -226.50 | 340.14 | 408.65 | 0.00 | 0.00 | 0.00 |
| 2,500.00 | 18.81 | 123.66 | 2,433.79 | -244.38 | 366.98 | 440.90 | 0.00 | 0.00 | 0.00 |
| 2,600.00 | 18.81 | 123.66 | 2,528.45 | -262.25 | 393.82 | 473.15 | 0.00 | 0.00 | 0.00 |
| 2,700.00 | 18.81 | 123.66 | 2,623.10 | -280.13 | 420.67 | 505.40 | 0.00 | 0.00 | 0.00 |
| 2,800.00 | 18.81 | 123.66 | 2,717.76 | -298.00 | 447.51 | 537.65 | 0.00 | 0.00 | 0.00 |
| 2,900.00 | 18.81 | 123.66 | 2,812.42 | -315.88 | 474.35 | 569.90 | 0.00 | 0.00 | 0.00 |
| 3,000.00 | 18.81 | 123.66 | 2,907.07 | -333.75 | 501.20 | 602.15 | 0.00 | 0.00 | 0.00 |
| 3,100.00 | 18.81 | 123.66 | 3,001.73 | -351.63 | 528.04 | 634.40 | 0.00 | 0.00 | 0.00 |
| 3,200.00 | 18.81 | 123.66 | 3,096.39 | -369.50 | 554.88 | 666.65 | 0.00 | 0.00 | 0.00 |
| 3,300.00 | 18.81 | 123.66 | 3,191.04 | -387.38 | 581.73 | 698.90 | 0.00 | 0.00 | 0.00 |
| 3,400.00 | 18.81 | 123.66 | 3,285.70 | -405.25 | 608.57 | 731.15 | 0.00 | 0.00 | 0.00 |
| 3,500.00 | 18.81 | 123.66 | 3,380.36 | -423.13 | 635.41 | 763.40 | 0.00 | 0.00 | 0.00 |
| 3,600.00 | 18.81 | 123.66 | 3,475.01 | -441.00 | 662.25 | 795.65 | 0.00 | 0.00 | 0.00 |
| 3,700.00 | 18.81 | 123.66 | 3,569.67 | -458.88 | 689.10 | 827.90 | 0.00 | 0.00 | 0.00 |
| 3,704.57 | 18.81 | 123.66 | 3,574.00 | -459.70 | 690.33 | 829.38 | 0.00 | 0.00 | 0.00 |
| Mesaverde | | | | | | | | | |
| 3,800.00 | 18.81 | 123.66 | 3,664.33 | -476.75 | 715.94 | 860.15 | 0.00 | 0.00 | 0.00 |
| 3,900.00 | 18.81 | 123.66 | 3,758.99 | -494.63 | 742.78 | 892.40 | 0.00 | 0.00 | 0.00 |
| 4,000.00 | 18.81 | 123.66 | 3,853.64 | -512.51 | 769.63 | 924.66 | 0.00 | 0.00 | 0.00 |
| 4,100.00 | 18.81 | 123.66 | 3,948.30 | -530.38 | 796.47 | 956.91 | 0.00 | 0.00 | 0.00 |
| 4,200.00 | 18.81 | 123.66 | 4,042.96 | -548.26 | 823.31 | 989.16 | 0.00 | 0.00 | 0.00 |
| 4,300.00 | 18.81 | 123.66 | 4,137.61 | -566.13 | 850.16 | 1,021.41 | 0.00 | 0.00 | 0.00 |
| 4,347.03 | 18.81 | 123.66 | 4,182.13 | -574.54 | 862.78 | 1,036.57 | 0.00 | 0.00 | 0.00 |
| 4,400.00 | 18.02 | 123.66 | 4,232.39 | -583.81 | 876.71 | 1,053.31 | 1.50 | -1.50 | 0.00 |
| 4,500.00 | 16.52 | 123.66 | 4,327.88 | -600.27 | 901.42 | 1,082.99 | 1.50 | -1.50 | 0.00 |
| 4,542.83 | 15.88 | 123.66 | 4,369.00 | -606.89 | 911.36 | 1,094.94 | 1.50 | -1.50 | 0.00 |

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: | Kaufman Pad #5 NWSE-24-692 | North Reference: | True |
| Well: | Kaufman 43A-24-692 | 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) |
| Price Coal | | | | | | | | | |
| 4,600.00 | 15.02 | 123.66 | 4,424.11 | -615.33 | 924.04 | 1,110.17 | 1.50 | -1.50 | 0.00 |
| 4,700.00 | 13.52 | 123.66 | 4,521.02 | -628.99 | 944.55 | 1,134.82 | 1.50 | -1.50 | 0.00 |
| 4,800.00 | 12.02 | 123.66 | 4,618.54 | -641.24 | 962.95 | 1,156.92 | 1.50 | -1.50 | 0.00 |
| 4,900.00 | 10.52 | 123.66 | 4,716.61 | -652.07 | 979.22 | 1,176.46 | 1.50 | -1.50 | 0.00 |
| 4,932.91 | 10.03 | 123.66 | 4,749.00 | -655.33 | 984.10 | 1,182.33 | 1.50 | -1.50 | 0.00 |
| Top Gas | | | | | | | | | |
| 5,000.00 | 9.02 | 123.66 | 4,815.16 | -661.48 | 993.34 | 1,193.43 | 1.50 | -1.50 | 0.00 |
| 5,100.00 | 7.52 | 123.66 | 4,914.12 | -669.45 | 1,005.31 | 1,207.82 | 1.50 | -1.50 | 0.00 |
| 5,200.00 | 6.02 | 123.66 | 5,013.42 | -675.98 | 1,015.12 | 1,219.60 | 1.50 | -1.50 | 0.00 |
| 5,300.00 | 4.52 | 123.66 | 5,112.99 | -681.08 | 1,022.77 | 1,228.79 | 1.50 | -1.50 | 0.00 |
| 5,400.00 | 3.02 | 123.66 | 5,212.77 | -684.72 | 1,028.24 | 1,235.36 | 1.50 | -1.50 | 0.00 |
| 5,500.00 | 1.52 | 123.66 | 5,312.69 | -686.91 | 1,031.54 | 1,239.32 | 1.50 | -1.50 | 0.00 |
| 5,600.00 | 0.02 | 123.66 | 5,412.68 | -687.66 | 1,032.65 | 1,240.67 | 1.50 | -1.50 | 0.00 |
| 5,601.32 | 0.00 | 0.00 | 5,414.00 | -687.66 | 1,032.66 | 1,240.67 | 1.50 | -1.50 | 0.00 |
| 5,700.00 | 0.00 | 0.00 | 5,512.68 | -687.66 | 1,032.66 | 1,240.67 | 0.00 | 0.00 | 0.00 |
| 5,800.00 | 0.00 | 0.00 | 5,612.68 | -687.66 | 1,032.66 | 1,240.67 | 0.00 | 0.00 | 0.00 |
| 5,900.00 | 0.00 | 0.00 | 5,712.68 | -687.66 | 1,032.66 | 1,240.67 | 0.00 | 0.00 | 0.00 |
| 6,000.00 | 0.00 | 0.00 | 5,812.68 | -687.66 | 1,032.66 | 1,240.67 | 0.00 | 0.00 | 0.00 |
| 6,100.00 | 0.00 | 0.00 | 5,912.68 | -687.66 | 1,032.66 | 1,240.67 | 0.00 | 0.00 | 0.00 |
| 6,200.00 | 0.00 | 0.00 | 6,012.68 | -687.66 | 1,032.66 | 1,240.67 | 0.00 | 0.00 | 0.00 |
| 6,300.00 | 0.00 | 0.00 | 6,112.68 | -687.66 | 1,032.66 | 1,240.67 | 0.00 | 0.00 | 0.00 |
| 6,400.00 | 0.00 | 0.00 | 6,212.68 | -687.66 | 1,032.66 | 1,240.67 | 0.00 | 0.00 | 0.00 |
| 6,500.00 | 0.00 | 0.00 | 6,312.68 | -687.66 | 1,032.66 | 1,240.67 | 0.00 | 0.00 | 0.00 |
| 6,600.00 | 0.00 | 0.00 | 6,412.68 | -687.66 | 1,032.66 | 1,240.67 | 0.00 | 0.00 | 0.00 |
| 6,700.00 | 0.00 | 0.00 | 6,512.68 | -687.66 | 1,032.66 | 1,240.67 | 0.00 | 0.00 | 0.00 |
| 6,800.00 | 0.00 | 0.00 | 6,612.68 | -687.66 | 1,032.66 | 1,240.67 | 0.00 | 0.00 | 0.00 |
| 6,900.00 | 0.00 | 0.00 | 6,712.68 | -687.66 | 1,032.66 | 1,240.67 | 0.00 | 0.00 | 0.00 |
| 7,000.00 | 0.00 | 0.00 | 6,812.68 | -687.66 | 1,032.66 | 1,240.67 | 0.00 | 0.00 | 0.00 |
| 7,100.00 | 0.00 | 0.00 | 6,912.68 | -687.66 | 1,032.66 | 1,240.67 | 0.00 | 0.00 | 0.00 |
| 7,200.00 | 0.00 | 0.00 | 7,012.68 | -687.66 | 1,032.66 | 1,240.67 | 0.00 | 0.00 | 0.00 |
| 7,300.00 | 0.00 | 0.00 | 7,112.68 | -687.66 | 1,032.66 | 1,240.67 | 0.00 | 0.00 | 0.00 |
| 7,301.32 | 0.00 | 0.00 | 7,114.00 | -687.66 | 1,032.66 | 1,240.67 | 0.00 | 0.00 | 0.00 |
| Rollins | | | | | | | | | |
| 7,400.00 | 0.00 | 0.00 | 7,212.68 | -687.66 | 1,032.66 | 1,240.67 | 0.00 | 0.00 | 0.00 |
| 7,500.00 | 0.00 | 0.00 | 7,312.68 | -687.66 | 1,032.66 | 1,240.67 | 0.00 | 0.00 | 0.00 |
| 7,600.00 | 0.00 | 0.00 | 7,412.68 | -687.66 | 1,032.66 | 1,240.67 | 0.00 | 0.00 | 0.00 |
| 7,601.32 | 0.00 | 0.00 | 7,414.00 | -687.66 | 1,032.66 | 1,240.67 | 0.00 | 0.00 | 0.00 |
| TD | | | | | | | | | |

| Casing Points | | | | |
|---------------------|---------------------|--------|---------------------|-------------------|
| Measured Depth (ft) | Vertical Depth (ft) | Name | Casing Diameter (") | Hole Diameter (") |
| 760.00 | 760.00 | 9 5/8" | 9-5/8 | 12-1/4 |

BBC

Planning Report

| | | | |
|------------------|------------------------------------|-------------------------------------|------------------------------------|
| Database: | Compass | Local Co-ordinate Reference: | Well Kaufman 43A-24-692 |
| 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: | Kaufman Pad #5 NWSE-24-692 | North Reference: | True |
| Well: | Kaufman 43A-24-692 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #1 | | |

| Formations | | | | | | |
|---------------------|---------------------|------------|-----------|---------|-------------------|--|
| Measured Depth (ft) | Vertical Depth (ft) | Name | Lithology | Dip (°) | Dip Direction (°) | |
| 3,704.57 | 3,574.00 | Mesaverde | | 0.00 | | |
| 4,542.83 | 4,369.00 | Price Coal | | 0.00 | | |
| 4,932.91 | 4,749.00 | Top Gas | | 0.00 | | |
| 7,301.32 | 7,114.00 | Rollins | | 0.00 | | |
| 7,601.32 | 7,414.00 | TD | | 0.00 | | |

WELL DETAILS: Kaufman 43A-24-692

| +N/-S | +E/-W | Northing | Easting | Ground Level: | Latitude | Longitude | Slot |
|-------|-------|-------------|-------------|---------------|------------------|--------------------|------|
| 0.00 | 0.00 | 1618142.303 | 2404135.183 | 0.00 | 39° 30' 41.623 N | 107° 36' 43.7472 W | |

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 | 760.00 | 0.00 | 0.00 | 760.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 3 | 1512.57 | 18.81 | 123.66 | 1499.12 | -67.87 | 101.92 | 2.50 | 123.66 | 122.46 | |
| 4 | 4347.03 | 18.81 | 123.66 | 4182.13 | -574.54 | 862.78 | 0.00 | 0.00 | 1036.57 | |
| 5 | 5601.32 | 0.00 | 0.00 | 5414.00 | -687.66 | 1032.66 | 1.50 | 180.00 | 1240.67 | |
| 6 | 7601.32 | 0.00 | 0.00 | 7414.00 | -687.66 | 1032.66 | 0.00 | 0.00 | 1240.67 | Kaufman 43A-24-692 (TD) |

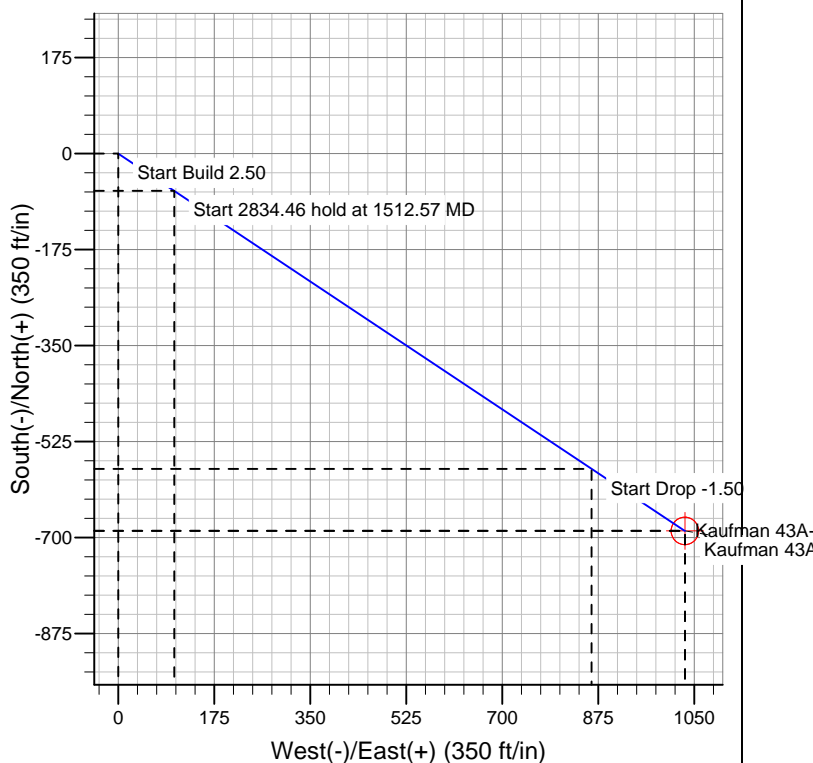
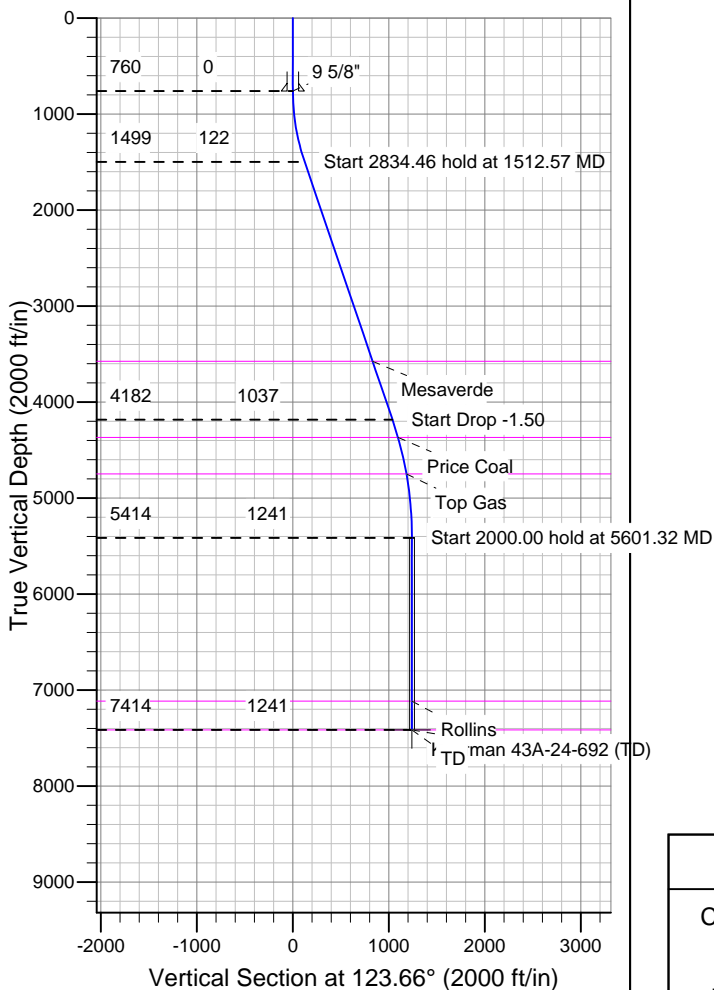
WELLBORE TARGET DETAILS

| Name | TVD | +N/-S | +E/-W | Shape |
|-------------------------|---------|---------|---------|------------------------|
| Kaufman 43A-24-692 (TD) | 7414.00 | -687.66 | 1032.66 | Circle (Radius: 25.00) |



Azimuths to True North
Magnetic North: 10.35°

Magnetic Field
Strength: 52531.8snT
Dip Angle: 65.87°
Date: 12/31/2009
Model: IGRF200510



FORMATION TOP DETAILS

| TVDPath | MDPath | Formation |
|---------|---------|------------|
| 3574.00 | 3704.57 | Mesaverde |
| 4369.00 | 4542.83 | Price Coal |
| 4749.00 | 4932.91 | Top Gas |
| 7114.00 | 7301.32 | Rollins |
| 7414.00 | 7601.32 | TD |

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well Kaufman 43A-24-692, True 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