

Noble Energy (Rockies)

Garfield County, CO

Sec. 35-T7S-R95W (SGV 35D2 PAD)

BM 35-11C - A 5

Wellbore #1

Plan: Plan #1 Proposal

Sperry Drilling Services

Proposal Report

20 October, 2009

Well Coordinates: 579,167.03 N, 1,301,239.56 E (39° 23' 50.98" N, 107° 58' 22.42" W)

Ground Level: 8,846.00 ft

Local Coordinate Origin:

Centered on Well BM 35-11C - Slot A 5

Viewing Datum:

RKB - 24' @ 8870.00ft

TVDs to System:

N

North Reference:

Grid

Unit System:

API - US Survey Feet - Custom

Geodetic Scale Factor Applied

Version: 2003.16 Build: 431

HALLIBURTON

Plan Report for BM 35-11C - Plan #1 Proposal

| 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) | Toolface Azimuth (°) |
|---------------------------|--------------------|----------------|---------------------------|---------------|---------------|-----------------------------|-----------------------------|----------------------------|---------------------------|----------------------------|
| 0.00 | 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 | 0.00 |
| 200.00 | 0.00 | 0.00 | 200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 225.00 | 0.00 | 0.00 | 225.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Kickoff at 225.00ft | | | | | | | | | | |
| 300.00 | 1.50 | 45.90 | 299.99 | 0.68 | 0.70 | 0.98 | 2.00 | 2.00 | 0.00 | 45.90 |
| 400.00 | 3.50 | 45.90 | 399.89 | 3.72 | 3.84 | 5.34 | 2.00 | 2.00 | 0.00 | 0.00 |
| Build Rate = 2.00°/100ft | | | | | | | | | | |
| 500.00 | 5.50 | 45.90 | 499.58 | 9.18 | 9.47 | 13.18 | 2.00 | 2.00 | 0.00 | 0.00 |
| 567.53 | 6.85 | 45.90 | 566.71 | 14.23 | 14.69 | 20.45 | 2.00 | 2.00 | 0.00 | 0.00 |
| End Build at 567.53ft | | | | | | | | | | |
| 600.00 | 6.85 | 45.90 | 598.95 | 16.93 | 17.47 | 24.32 | 0.00 | 0.00 | 0.00 | 0.00 |
| 700.00 | 6.85 | 45.90 | 698.24 | 25.23 | 26.03 | 36.24 | 0.00 | 0.00 | 0.00 | 0.00 |
| 800.00 | 6.85 | 45.90 | 797.52 | 33.53 | 34.60 | 48.17 | 0.00 | 0.00 | 0.00 | 0.00 |
| 900.00 | 6.85 | 45.90 | 896.81 | 41.83 | 43.17 | 60.09 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,000.00 | 6.85 | 45.90 | 996.10 | 50.13 | 51.73 | 72.02 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,100.00 | 6.85 | 45.90 | 1,095.38 | 58.43 | 60.30 | 83.94 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,200.00 | 6.85 | 45.90 | 1,194.67 | 66.74 | 68.86 | 95.86 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,300.00 | 6.85 | 45.90 | 1,293.96 | 75.04 | 77.43 | 107.79 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,400.00 | 6.85 | 45.90 | 1,393.24 | 83.34 | 85.99 | 119.71 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,500.00 | 6.85 | 45.90 | 1,492.53 | 91.64 | 94.56 | 131.64 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,600.00 | 6.85 | 45.90 | 1,591.81 | 99.94 | 103.12 | 143.56 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,700.00 | 6.85 | 45.90 | 1,691.10 | 108.24 | 111.69 | 155.49 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,800.00 | 6.85 | 45.90 | 1,790.39 | 116.54 | 120.26 | 167.41 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,900.00 | 6.85 | 45.90 | 1,889.67 | 124.84 | 128.82 | 179.33 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,000.00 | 6.85 | 45.90 | 1,988.96 | 133.14 | 137.39 | 191.26 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,100.00 | 6.85 | 45.90 | 2,088.24 | 141.45 | 145.95 | 203.18 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,200.00 | 6.85 | 45.90 | 2,187.53 | 149.75 | 154.52 | 215.11 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,300.00 | 6.85 | 45.90 | 2,286.82 | 158.05 | 163.08 | 227.03 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,380.00 | 6.85 | 45.90 | 2,366.24 | 164.69 | 169.94 | 236.57 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 5/8" Casing Pt. | | | | | | | | | | |
| 2,400.00 | 6.85 | 45.90 | 2,386.10 | 166.35 | 171.65 | 238.96 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,500.00 | 6.85 | 45.90 | 2,485.39 | 174.65 | 180.21 | 250.88 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,600.00 | 6.85 | 45.90 | 2,584.67 | 182.95 | 188.78 | 262.80 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,700.00 | 6.85 | 45.90 | 2,683.96 | 191.25 | 197.35 | 274.73 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,800.00 | 6.85 | 45.90 | 2,783.25 | 199.55 | 205.91 | 286.65 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,900.00 | 6.85 | 45.90 | 2,882.53 | 207.85 | 214.48 | 298.58 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3,000.00 | 6.85 | 45.90 | 2,981.82 | 216.15 | 223.04 | 310.50 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3,100.00 | 6.85 | 45.90 | 3,081.10 | 224.46 | 231.61 | 322.43 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3,200.00 | 6.85 | 45.90 | 3,180.39 | 232.76 | 240.17 | 334.35 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3,300.00 | 6.85 | 45.90 | 3,279.68 | 241.06 | 248.74 | 346.27 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3,400.00 | 6.85 | 45.90 | 3,378.96 | 249.36 | 257.30 | 358.20 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3,470.00 | 6.85 | 45.90 | 3,448.46 | 255.17 | 263.30 | 366.54 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6.85 Inclination | | | | | | | | | | |
| 3,500.00 | 6.85 | 45.90 | 3,478.25 | 257.66 | 265.87 | 370.12 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3,600.00 | 6.85 | 45.90 | 3,577.53 | 265.96 | 274.44 | 382.05 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3,700.00 | 6.85 | 45.90 | 3,676.82 | 274.26 | 283.00 | 393.97 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3,800.00 | 6.85 | 45.90 | 3,776.11 | 282.56 | 291.57 | 405.89 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3,900.00 | 6.85 | 45.90 | 3,875.39 | 290.86 | 300.13 | 417.82 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4,000.00 | 6.85 | 45.90 | 3,974.68 | 299.17 | 308.70 | 429.74 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4,100.00 | 6.85 | 45.90 | 4,073.97 | 307.47 | 317.26 | 441.67 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4,200.00 | 6.85 | 45.90 | 4,173.25 | 315.77 | 325.83 | 453.59 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4,300.00 | 6.85 | 45.90 | 4,272.54 | 324.07 | 334.39 | 465.52 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4,400.00 | 6.85 | 45.90 | 4,371.82 | 332.37 | 342.96 | 477.44 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4,500.00 | 6.85 | 45.90 | 4,471.11 | 340.67 | 351.53 | 489.36 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4,600.00 | 6.85 | 45.90 | 4,570.40 | 348.97 | 360.09 | 501.29 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4,700.00 | 6.85 | 45.90 | 4,669.68 | 357.27 | 368.66 | 513.21 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4,800.00 | 6.85 | 45.90 | 4,768.97 | 365.57 | 377.22 | 525.14 | 0.00 | 0.00 | 0.00 | 0.00 |

Plan Report for BM 35-11C - Plan #1 Proposal

| 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) | Toolface Azimuth (°) |
|---|--------------------|----------------|---------------------------|---------------|---------------|-----------------------------|-----------------------------|----------------------------|---------------------------|----------------------------|
| 4,900.00 | 6.85 | 45.90 | 4,868.25 | 373.87 | 385.79 | 537.06 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5,000.00 | 6.85 | 45.90 | 4,967.54 | 382.18 | 394.35 | 548.99 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5,100.00 | 6.85 | 45.90 | 5,066.83 | 390.48 | 402.92 | 560.91 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5,200.00 | 6.85 | 45.90 | 5,166.11 | 398.78 | 411.48 | 572.83 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5,300.00 | 6.85 | 45.90 | 5,265.40 | 407.08 | 420.05 | 584.76 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5,400.00 | 6.85 | 45.90 | 5,364.68 | 415.38 | 428.62 | 596.68 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5,500.00 | 6.85 | 45.90 | 5,463.97 | 423.68 | 437.18 | 608.61 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5,600.00 | 6.85 | 45.90 | 5,563.26 | 431.98 | 445.75 | 620.53 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5,700.00 | 6.85 | 45.90 | 5,662.54 | 440.28 | 454.31 | 632.46 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5,800.00 | 6.85 | 45.90 | 5,761.83 | 448.58 | 462.88 | 644.38 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5,900.00 | 6.85 | 45.90 | 5,861.11 | 456.89 | 471.44 | 656.30 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6,000.00 | 6.85 | 45.90 | 5,960.40 | 465.19 | 480.01 | 668.23 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6,100.00 | 6.85 | 45.90 | 6,059.69 | 473.49 | 488.57 | 680.15 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6,200.00 | 6.85 | 45.90 | 6,158.97 | 481.79 | 497.14 | 692.08 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6,280.99 | 6.85 | 45.90 | 6,239.38 | 488.51 | 504.08 | 701.73 | 0.00 | 0.00 | 0.00 | 0.00 |
| Begin Drop at 6280.99ft | | | | | | | | | | |
| 6,300.00 | 6.57 | 45.90 | 6,258.26 | 490.06 | 505.67 | 703.95 | 1.50 | -1.50 | 0.00 | 180.00 |
| 6,400.00 | 5.07 | 45.90 | 6,357.75 | 497.11 | 512.95 | 714.08 | 1.50 | -1.50 | 0.00 | 180.00 |
| 6,440.00 | 4.47 | 45.90 | 6,397.61 | 499.42 | 515.33 | 717.41 | 1.50 | -1.50 | 0.00 | 180.00 |
| Drop Rate = 1.50°/100ft | | | | | | | | | | |
| 6,500.00 | 3.57 | 45.90 | 6,457.46 | 502.34 | 518.35 | 721.61 | 1.50 | -1.50 | 0.00 | -180.00 |
| 6,600.00 | 2.07 | 45.90 | 6,557.34 | 505.76 | 521.88 | 726.52 | 1.50 | -1.50 | 0.00 | 180.00 |
| 6,700.00 | 0.57 | 45.90 | 6,657.31 | 507.36 | 523.53 | 728.81 | 1.50 | -1.50 | 0.00 | 180.00 |
| 6,737.43 | 0.00 | 45.90 | 6,694.74 | 507.49 | 523.66 | 729.00 | 1.50 | -1.50 | 0.00 | -180.00 |
| BM 35-11C Plan #1 Zone Tgt | | | | | | | | | | |
| 6,737.69 | 0.00 | 0.00 | 6,695.00 | 507.49 | 523.66 | 729.00 | 1.50 | -1.50 | 0.00 | -180.00 |
| End Drop at 6737.69ft - Williams Fork - BM 35-11C Plan #1 Driller's Tgt | | | | | | | | | | |
| 6,800.00 | 0.05 | 243.44 | 6,757.31 | 507.48 | 523.64 | 728.97 | 0.08 | 0.08 | 0.00 | 243.44 |
| 6,900.00 | 0.13 | 243.44 | 6,857.31 | 507.41 | 523.50 | 728.82 | 0.08 | 0.08 | 0.00 | 0.00 |
| 7,000.00 | 0.21 | 243.44 | 6,957.31 | 507.28 | 523.23 | 728.54 | 0.08 | 0.08 | 0.00 | 0.00 |
| 7,100.00 | 0.29 | 243.44 | 7,057.31 | 507.08 | 522.84 | 728.13 | 0.08 | 0.08 | 0.00 | 0.00 |
| 7,200.00 | 0.37 | 243.44 | 7,157.30 | 506.82 | 522.33 | 727.59 | 0.08 | 0.08 | 0.00 | 0.00 |
| 7,300.00 | 0.45 | 243.44 | 7,257.30 | 506.50 | 521.69 | 726.91 | 0.08 | 0.08 | 0.00 | 0.00 |
| 7,400.00 | 0.53 | 243.44 | 7,357.30 | 506.12 | 520.92 | 726.10 | 0.08 | 0.08 | 0.00 | 0.00 |
| 7,500.00 | 0.61 | 243.44 | 7,457.29 | 505.68 | 520.03 | 725.16 | 0.08 | 0.08 | 0.00 | 0.00 |
| 7,600.00 | 0.69 | 243.44 | 7,557.29 | 505.17 | 519.02 | 724.09 | 0.08 | 0.08 | 0.00 | 0.00 |
| 7,700.00 | 0.77 | 243.44 | 7,657.28 | 504.60 | 517.88 | 722.88 | 0.08 | 0.08 | 0.00 | 0.00 |
| 7,719.72 | 0.79 | 243.44 | 7,677.00 | 504.48 | 517.64 | 722.63 | 0.08 | 0.08 | 0.00 | 0.00 |
| Top of Gas | | | | | | | | | | |
| 7,800.00 | 0.85 | 243.44 | 7,757.27 | 503.97 | 516.61 | 721.55 | 0.08 | 0.08 | 0.00 | 0.00 |
| 7,900.00 | 0.93 | 243.44 | 7,857.26 | 503.27 | 515.22 | 720.08 | 0.08 | 0.08 | 0.00 | 0.00 |
| 8,000.00 | 1.01 | 243.44 | 7,957.24 | 502.52 | 513.71 | 718.48 | 0.08 | 0.08 | 0.00 | 0.00 |
| 8,100.00 | 1.09 | 243.44 | 8,057.22 | 501.70 | 512.07 | 716.74 | 0.08 | 0.08 | 0.00 | 0.00 |
| 8,200.00 | 1.17 | 243.44 | 8,157.21 | 500.81 | 510.31 | 714.88 | 0.08 | 0.08 | 0.00 | 0.00 |
| 8,300.00 | 1.25 | 243.44 | 8,257.18 | 499.87 | 508.42 | 712.88 | 0.08 | 0.08 | 0.00 | 0.00 |
| 8,400.00 | 1.33 | 243.44 | 8,357.16 | 498.86 | 506.41 | 710.75 | 0.08 | 0.08 | 0.00 | 0.00 |
| 8,500.00 | 1.41 | 243.44 | 8,457.13 | 497.79 | 504.27 | 708.49 | 0.08 | 0.08 | 0.00 | 0.00 |
| 8,600.00 | 1.49 | 243.44 | 8,557.10 | 496.66 | 502.00 | 706.10 | 0.08 | 0.08 | 0.00 | 0.00 |
| 8,700.00 | 1.57 | 243.44 | 8,657.06 | 495.47 | 499.62 | 703.58 | 0.08 | 0.08 | 0.00 | 0.00 |
| 8,713.53 | 1.58 | 243.44 | 8,670.58 | 495.30 | 499.28 | 703.22 | 0.08 | 0.08 | 0.00 | 0.00 |
| 8,800.00 | 1.51 | 243.44 | 8,757.02 | 494.26 | 497.19 | 701.01 | 0.08 | -0.08 | 0.00 | 180.00 |
| 8,900.00 | 1.44 | 243.44 | 8,856.99 | 493.11 | 494.89 | 698.58 | 0.08 | -0.08 | 0.00 | 180.00 |
| 9,000.00 | 1.36 | 243.44 | 8,956.96 | 492.01 | 492.70 | 696.27 | 0.08 | -0.08 | 0.00 | 180.00 |
| 9,100.00 | 1.29 | 243.44 | 9,056.93 | 490.98 | 490.64 | 694.08 | 0.08 | -0.08 | 0.00 | 180.00 |
| 9,200.00 | 1.21 | 243.44 | 9,156.91 | 490.01 | 488.69 | 692.02 | 0.08 | -0.08 | 0.00 | 180.00 |
| 9,281.11 | 1.15 | 243.44 | 9,238.00 | 489.26 | 487.19 | 690.44 | 0.08 | -0.08 | 0.00 | -180.00 |
| Cameo | | | | | | | | | | |
| 9,300.00 | 1.13 | 243.44 | 9,256.89 | 489.09 | 486.86 | 690.08 | 0.08 | -0.08 | 0.00 | 180.00 |
| 9,400.00 | 1.06 | 243.44 | 9,356.87 | 488.24 | 485.15 | 688.27 | 0.08 | -0.08 | 0.00 | 180.00 |

Plan Report for BM 35-11C - Plan #1 Proposal

| 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) | Toolface Azimuth (°) |
|---------------------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|----------------------|
| 9,500.00 | 0.98 | 243.44 | 9,456.86 | 487.44 | 483.55 | 686.59 | 0.08 | -0.08 | 0.00 | 180.00 |
| 9,600.00 | 0.91 | 243.44 | 9,556.84 | 486.70 | 482.08 | 685.03 | 0.08 | -0.08 | 0.00 | 180.00 |
| 9,654.16 | 0.86 | 243.44 | 9,611.00 | 486.33 | 481.33 | 684.24 | 0.08 | -0.08 | 0.00 | 180.00 |
| Rollins | | | | | | | | | | |
| 9,700.00 | 0.83 | 243.44 | 9,656.83 | 486.03 | 480.72 | 683.60 | 0.08 | -0.08 | 0.00 | -180.00 |
| 9,800.00 | 0.75 | 243.44 | 9,756.82 | 485.41 | 479.49 | 682.29 | 0.08 | -0.08 | 0.00 | 180.00 |
| 9,900.00 | 0.68 | 243.44 | 9,856.81 | 484.85 | 478.37 | 681.11 | 0.08 | -0.08 | 0.00 | 180.00 |
| 10,000.00 | 0.60 | 243.44 | 9,956.81 | 484.35 | 477.37 | 680.06 | 0.08 | -0.08 | 0.00 | 180.00 |
| 10,002.19 | 0.60 | 243.44 | 9,959.00 | 484.34 | 477.35 | 680.04 | 0.08 | -0.08 | 0.00 | -180.00 |
| Cozzette | | | | | | | | | | |
| 10,100.00 | 0.53 | 243.44 | 10,056.80 | 483.91 | 476.49 | 679.13 | 0.08 | -0.08 | 0.00 | 180.00 |
| 10,200.00 | 0.45 | 243.44 | 10,156.80 | 483.53 | 475.73 | 678.32 | 0.08 | -0.08 | 0.00 | 180.00 |
| 10,299.20 | 0.37 | 243.44 | 10,256.00 | 483.21 | 475.10 | 677.65 | 0.08 | -0.08 | 0.00 | 180.00 |
| Corcora | | | | | | | | | | |
| 10,300.00 | 0.37 | 243.44 | 10,256.80 | 483.21 | 475.09 | 677.64 | 0.08 | -0.08 | 0.00 | -180.00 |
| 10,400.00 | 0.30 | 243.44 | 10,356.79 | 482.95 | 474.57 | 677.09 | 0.08 | -0.08 | 0.00 | 180.00 |
| 10,500.00 | 0.22 | 243.44 | 10,456.79 | 482.75 | 474.16 | 676.66 | 0.08 | -0.08 | 0.00 | 180.00 |
| 10,540.21 | 0.19 | 243.44 | 10,497.00 | 482.68 | 474.03 | 676.53 | 0.08 | -0.08 | 0.00 | -180.00 |
| Mancos | | | | | | | | | | |
| 10,600.00 | 0.14 | 243.44 | 10,556.79 | 482.60 | 473.88 | 676.36 | 0.08 | -0.08 | 0.00 | 180.00 |
| 10,700.00 | 0.07 | 243.44 | 10,656.79 | 482.52 | 473.71 | 676.19 | 0.08 | -0.08 | 0.00 | 180.00 |
| 10,790.21 | 0.00 | 360.00 | 10,747.00 | 482.49 | 473.66 | 676.13 | 0.08 | -0.08 | 0.00 | 180.00 |
| BM 35-11C Plan #1 BH Tgt | | | | | | | | | | |

Plan Annotations

| Measured Depth (ft) | Vertical Depth (ft) | Local Coordinates | | Comment |
|---------------------|---------------------|-------------------|------------|--------------------------|
| | | +N/-S (ft) | +E/-W (ft) | |
| 225.00 | 225.00 | 0.00 | 0.00 | Kickoff at 225.00ft |
| 400.00 | 399.89 | 3.72 | 3.84 | Build Rate = 2.00°/100ft |
| 567.53 | 566.71 | 14.23 | 14.69 | End Build at 567.53ft |
| 3,470.00 | 3,448.46 | 255.17 | 263.30 | 6.85 Inclination |
| 6,280.99 | 6,239.38 | 488.51 | 504.08 | Begin Drop at 6280.99ft |
| 6,440.00 | 6,397.61 | 499.42 | 515.33 | Drop Rate = 1.50°/100ft |
| 6,737.69 | 6,695.00 | 507.49 | 523.66 | End Drop at 6737.69ft |
| 10,790.21 | 10,747.00 | 482.49 | 473.66 | Total Depth = 10790.21ft |

Vertical Section Information

| Angle Type | Target | Azimuth (°) | Origin Type | Origin | | Start TVD (ft) |
|------------|--------------------------|-------------|-------------|------------|------------|----------------|
| | | | | +N/-S (ft) | +E/-W (ft) | |
| Target | BM 35-11C Plan #1 BH Tgt | 44.47 | Slot | 0.00 | 0.00 | 0.00 |

Survey tool program

| From (ft) | To (ft) | Survey/Plan | Survey Tool |
|-----------|-----------|------------------|-------------|
| 0.00 | 10,790.21 | Plan #1 Proposal | MWD |

Casing Details

| Measured Depth (ft) | Vertical Depth (ft) | Name | Casing Diameter (") | Hole Diameter (") |
|---------------------|---------------------|-------------------|---------------------|-------------------|
| 2,380.00 | 2,366.24 | 8 5/8" Casing Pt. | 8-5/8 | 11 |

Plan Report for BM 35-11C - Plan #1 Proposal

Formation Details

| Measured Depth (ft) | Vertical Depth (ft) | Name | Lithology | Dip (°) | Dip Direction (°) |
|---------------------------|---------------------------|---------------|-----------|------------|-------------------------|
| 6,737.69 | 6,695.00 | Williams Fork | | 0.00 | |
| 7,719.72 | 7,677.00 | Top of Gas | | 0.00 | |
| 9,281.11 | 9,238.00 | Cameo | | 0.00 | |
| 9,654.16 | 9,611.00 | Rollins | | 0.00 | |
| 10,002.19 | 9,959.00 | Cozzette | | 0.00 | |
| 10,299.20 | 10,256.00 | Corcora | | 0.00 | |
| 10,540.21 | 10,497.00 | Mancos | | 0.00 | |

Targets associated with this wellbore

| Target Name | TVD (ft) | +N/-S (ft) | +E/-W (ft) | Shape |
|---------------------------------|-------------|---------------|---------------|-----------|
| BM 35-11C Plan #1 Driller's Tgt | 6,695.00 | 507.49 | 523.66 | Rectangle |
| BM 35-11C Plan #1 Zone Tgt | 6,695.00 | 482.49 | 473.66 | Rectangle |
| BM 35-11C Plan #1 BH Tgt | 10,747.00 | 482.49 | 473.66 | Point |

North Reference Sheet for Sec. 35-T7S-R95W (SGV 35D2 PAD) - BM 35-11C - Wellbore #1

All data is in US Feet unless otherwise stated. Directions and Coordinates are relative to Grid North Reference.

Vertical Depths are relative to RKB - 24' @ 8870.00ft. Northing and Easting are relative to BM 35-11C - Slot A 5

Coordinate System is US State Plane 1927 (Exact solution), Colorado Central 502 using datum NAD 1927 (NADCON CONUS), ellipsoid Clarke 1866

Projection method is Lambert Conformal Conic (2 parallel)

Central Meridian is -105.50°, Longitude Origin:0° 0' 0.000 E°, Latitude Origin:39° 45' 0.000 N°

False Easting: 2,000,000.00ft, False Northing: 0.00ft, Scale Reduction: 0.99994926

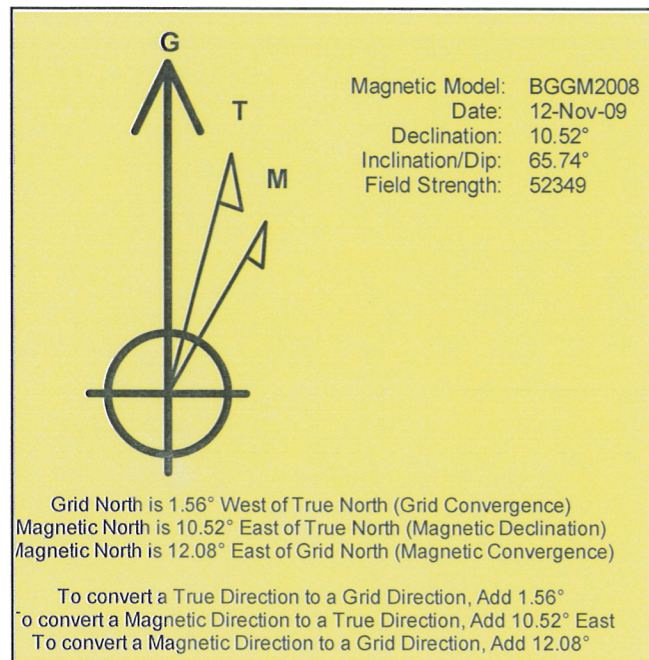
Grid Coordinates of Well: 579,167.03 ft N, 1,301,239.56 ft E

Geographical Coordinates of Well: 39° 23' 50.98" N, 107° 58' 22.42" W

Grid Convergence at Surface is: -1.56°

Based upon Minimum Curvature type calculations, at a Measured Depth of 10,790.21ft
the Bottom Hole Displacement is 676.13ft in the Direction of 44.47° (Grid).

Magnetic Convergence at surface is: -12.08° (12 November 2009, , BGGM2008)



Project: Garfield County, CO
Site: Sec. 35-T7S-R95W (SGV 35D2 PAD)
Well: BM 35-11C
Wellbore: Wellbore #1
Plan: Plan #1 Proposal

Noble Energy (Rockies)

HALLIBURTON

SECTION DETAILS

| MD | Inc | Azi | TVD | +N/-S | +E/-W | DLeg | TFace | VSec |
|----------|------|--------|----------|--------|--------|------|--------|--------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 225.00 | 0.00 | 0.00 | 225.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 567.53 | 6.85 | 45.90 | 566.71 | 14.23 | 14.69 | 2.00 | 45.90 | 20.45 |
| 6280.99 | 6.85 | 45.90 | 6239.39 | 488.51 | 504.08 | 0.00 | 0.00 | 701.73 |
| 6737.69 | 0.00 | 0.00 | 6695.00 | 507.49 | 523.66 | 1.50 | 180.00 | 729.00 |
| 8713.53 | 1.58 | 243.44 | 8670.58 | 495.30 | 499.28 | 0.08 | 243.44 | 703.22 |
| 10790.21 | 0.00 | 360.00 | 10747.00 | 482.49 | 473.66 | 0.08 | 180.00 | 676.13 |

WELL DETAILS: BM 35-11C

| | | | | | | |
|---------------|-----------|----------|------------------|-----------|-------------------|-----|
| Ground Level: | 8846.00 | Latitude | 39° 23' 50.980 N | Longitude | 107° 58' 22.420 W | A 5 |
| North | 579167.03 | Easting | 1301239.56 | | | |

WELLBORE TARGET DETAILS

| Name | TVD | +N/-S | +E/-W | Shape |
|---------------------------------|----------|--------|--------|------------------------------------|
| BM 35-11C Plan #1 Driller's Tgt | 6695.00 | 507.49 | 523.66 | Rectangle (Sides: L25.00 W25.00) |
| BM 35-11C Plan #1 Zone Tgt | 6695.00 | 482.49 | 473.66 | Rectangle (Sides: L100.00 W200.00) |
| BM 35-11C Plan #1 BH Tgt | 10747.00 | 482.49 | 473.66 | Point |



Azimuths to Grid North
True North: 1.56°
Magnetic North: 12.08°
Magnetic Field
Strength: 52348.7snT
Dip Angle: 65.74°
Date: 11/12/2009
Model: BGGM2008

FORMATION TOP DETAILS

| TVDPath | MDPath | Formation |
|----------|----------|---------------|
| 6695.00 | 6737.69 | Williams Fork |
| 7677.00 | 7719.72 | Top of Gas |
| 9238.00 | 9281.11 | Cameo |
| 9611.00 | 9654.16 | Rollins |
| 9959.00 | 10002.19 | Cozzette |
| 10256.00 | 10299.20 | Corcora |
| 10497.00 | 10540.21 | Mancos |

