



Ursa Operating Company, LLC

**Rockies Region
Valley Farms L
33D-11-6-92**

Wellbore #1

Plan: Design #1

Standard Planning Report

16 April, 2014



| | | | |
|------------------|-----------------------------|-------------------------------------|---------------------------------------|
| Database: | MasterDB | Local Co-ordinate Reference: | Well 33D-11-6-92 |
| Company: | Ursa Operating Company, LLC | TVD Reference: | 33D-11-6-92 @ 5564.4usft (PAD Est KB) |
| Project: | Rockies Region | MD Reference: | 33D-11-6-92 @ 5564.4usft (PAD Est KB) |
| Site: | Valley Farms L | North Reference: | True |
| Well: | 33D-11-6-92 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #1 | | |

| | | | |
|--------------------|---------------------------|----------------------|----------------|
| Project | Rockies Region | | |
| Map System: | US State Plane 1983 | System Datum: | Mean Sea Level |
| Geo Datum: | North American Datum 1983 | | |
| Map Zone: | Colorado Central Zone | | |

| Site | | Valley Farms L | | | |
|-----------------------|----------|----------------|-------------------|-------------------|-------------------|
| Site Position: | | Northing: | 1,627,813.25 usft | Latitude: | 39° 32' 16.142 N |
| From: | Lat/Long | Easting: | 2,399,633.87 usft | Longitude: | 107° 37' 44.058 W |
| Position Uncertainty: | 0.0 usft | Slot Radius: | 13-3/16 " | Grid Convergence: | -1.34 |

| | | | | | | |
|----------------------|---|------------|---------------------|-------------------|---------------|-------------------|
| Well | 33D-11-6-92, SHL LAT: 39.537800380 LONG: -107.628943774 | | | | | |
| Well Position | +N/-S | -6.1 usft | Northing: | 1,627,807.39 usft | Latitude: | 39° 32' 16.081 N |
| | +E/-W | -10.9 usft | Easting: | 2,399,622.83 usft | Longitude: | 107° 37' 44.198 W |
| Position Uncertainty | | 0.0 usft | Wellhead Elevation: | 5,564.4 usft | Ground Level: | 5,549.0 usft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | Wellbore #1 | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF2010 | 4/7/2014 | 9.83 | 65.76 | 52,039 |

| | | | | |
|--------------------------|--------------------------------|---------------------|----------------------|----------------------|
| Design | Design #1 | | | |
| Audit Notes: | | | | |
| Version: | Phase: | PROTOTYPE | Tie On Depth: | 0.0 |
| Vertical Section: | Depth From (TVD) (usft) | +N/-S (usft) | +E/-W (usft) | Direction (°) |
| | 0.0 | 0.0 | 0.0 | 287.60 |

| Plan Sections | | | | | | | | | | |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|------------------------|-----------------------|---------|-----------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | TFO (°) | Target |
| 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 1,100.0 | 0.00 | 0.00 | 1,100.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 1,740.3 | 19.21 | 287.60 | 1,728.4 | 32.2 | -101.4 | 3.00 | 3.00 | 0.00 | 287.60 | |
| 4,048.0 | 19.21 | 287.60 | 3,907.6 | 261.8 | -825.1 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 4,688.4 | 0.00 | 0.00 | 4,536.0 | 294.0 | -926.5 | 3.00 | -3.00 | 0.00 | 180.00 | 33D-11-6-92 TGT |
| 7,472.4 | 0.00 | 0.00 | 7,320.0 | 294.0 | -926.5 | 0.00 | 0.00 | 0.00 | 0.00 | |

| | | | |
|------------------|-----------------------------|-------------------------------------|---------------------------------------|
| Database: | MasterDB | Local Co-ordinate Reference: | Well 33D-11-6-92 |
| Company: | Ursa Operating Company, LLC | TVD Reference: | 33D-11-6-92 @ 5564.4usft (PAD Est KB) |
| Project: | Rockies Region | MD Reference: | 33D-11-6-92 @ 5564.4usft (PAD Est KB) |
| Site: | Valley Farms L | North Reference: | True |
| Well: | 33D-11-6-92 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #1 | | |

| Planned Survey | | | | | | | | | |
|--------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 100.0 | 0.00 | 0.00 | 100.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 200.0 | 0.00 | 0.00 | 200.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 300.0 | 0.00 | 0.00 | 300.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 400.0 | 0.00 | 0.00 | 400.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 500.0 | 0.00 | 0.00 | 500.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 600.0 | 0.00 | 0.00 | 600.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 700.0 | 0.00 | 0.00 | 700.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 800.0 | 0.00 | 0.00 | 800.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 900.0 | 0.00 | 0.00 | 900.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 1,000.0 | 0.00 | 0.00 | 1,000.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 1,100.0 | 0.00 | 0.00 | 1,100.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| Start Build 3.00 | | | | | | | | | |
| 1,200.0 | 3.00 | 287.60 | 1,200.0 | 0.8 | -2.5 | 2.6 | 3.00 | 3.00 | 0.00 |
| 1,300.0 | 6.00 | 287.60 | 1,299.6 | 3.2 | -10.0 | 10.5 | 3.00 | 3.00 | 0.00 |
| 1,400.0 | 9.00 | 287.60 | 1,398.8 | 7.1 | -22.4 | 23.5 | 3.00 | 3.00 | 0.00 |
| 1,500.0 | 12.00 | 287.60 | 1,497.1 | 12.6 | -39.8 | 41.7 | 3.00 | 3.00 | 0.00 |
| 1,600.0 | 15.00 | 287.60 | 1,594.3 | 19.7 | -62.0 | 65.1 | 3.00 | 3.00 | 0.00 |
| 1,700.0 | 18.00 | 287.60 | 1,690.2 | 28.3 | -89.1 | 93.5 | 3.00 | 3.00 | 0.00 |
| 1,740.3 | 19.21 | 287.60 | 1,728.4 | 32.2 | -101.4 | 106.3 | 3.00 | 3.00 | 0.00 |
| Start 2307.7 hold at 1740.3 MD | | | | | | | | | |
| 1,800.0 | 19.21 | 287.60 | 1,784.7 | 38.1 | -120.1 | 126.0 | 0.00 | 0.00 | 0.00 |
| 1,900.0 | 19.21 | 287.60 | 1,879.2 | 48.0 | -151.4 | 158.9 | 0.00 | 0.00 | 0.00 |
| 2,000.0 | 19.21 | 287.60 | 1,973.6 | 58.0 | -182.8 | 191.8 | 0.00 | 0.00 | 0.00 |
| 2,100.0 | 19.21 | 287.60 | 2,068.0 | 67.9 | -214.2 | 224.7 | 0.00 | 0.00 | 0.00 |
| 2,200.0 | 19.21 | 287.60 | 2,162.5 | 77.9 | -245.5 | 257.6 | 0.00 | 0.00 | 0.00 |
| 2,300.0 | 19.21 | 287.60 | 2,256.9 | 87.9 | -276.9 | 290.5 | 0.00 | 0.00 | 0.00 |
| 2,400.0 | 19.21 | 287.60 | 2,351.3 | 97.8 | -308.3 | 323.4 | 0.00 | 0.00 | 0.00 |
| 2,500.0 | 19.21 | 287.60 | 2,445.8 | 107.8 | -339.6 | 356.3 | 0.00 | 0.00 | 0.00 |
| 2,600.0 | 19.21 | 287.60 | 2,540.2 | 117.7 | -371.0 | 389.2 | 0.00 | 0.00 | 0.00 |
| 2,700.0 | 19.21 | 287.60 | 2,634.6 | 127.7 | -402.3 | 422.1 | 0.00 | 0.00 | 0.00 |
| 2,800.0 | 19.21 | 287.60 | 2,729.1 | 137.6 | -433.7 | 455.0 | 0.00 | 0.00 | 0.00 |
| 2,900.0 | 19.21 | 287.60 | 2,823.5 | 147.6 | -465.1 | 487.9 | 0.00 | 0.00 | 0.00 |
| 3,000.0 | 19.21 | 287.60 | 2,917.9 | 157.5 | -496.4 | 520.8 | 0.00 | 0.00 | 0.00 |
| 3,100.0 | 19.21 | 287.60 | 3,012.4 | 167.5 | -527.8 | 553.7 | 0.00 | 0.00 | 0.00 |
| 3,200.0 | 19.21 | 287.60 | 3,106.8 | 177.4 | -559.2 | 586.6 | 0.00 | 0.00 | 0.00 |
| 3,300.0 | 19.21 | 287.60 | 3,201.2 | 187.4 | -590.5 | 619.5 | 0.00 | 0.00 | 0.00 |
| 3,400.0 | 19.21 | 287.60 | 3,295.7 | 197.3 | -621.9 | 652.4 | 0.00 | 0.00 | 0.00 |
| 3,500.0 | 19.21 | 287.60 | 3,390.1 | 207.3 | -653.2 | 685.3 | 0.00 | 0.00 | 0.00 |
| 3,516.2 | 19.21 | 287.60 | 3,405.4 | 208.9 | -658.3 | 690.7 | 0.00 | 0.00 | 0.00 |
| Williams Fork | | | | | | | | | |
| 3,600.0 | 19.21 | 287.60 | 3,484.5 | 217.2 | -684.6 | 718.2 | 0.00 | 0.00 | 0.00 |
| 3,700.0 | 19.21 | 287.60 | 3,579.0 | 227.2 | -716.0 | 751.1 | 0.00 | 0.00 | 0.00 |
| 3,800.0 | 19.21 | 287.60 | 3,673.4 | 237.1 | -747.3 | 784.0 | 0.00 | 0.00 | 0.00 |
| 3,900.0 | 19.21 | 287.60 | 3,767.8 | 247.1 | -778.7 | 816.9 | 0.00 | 0.00 | 0.00 |
| 4,000.0 | 19.21 | 287.60 | 3,862.2 | 257.0 | -810.1 | 849.8 | 0.00 | 0.00 | 0.00 |
| 4,048.0 | 19.21 | 287.60 | 3,907.6 | 261.8 | -825.1 | 865.6 | 0.00 | 0.00 | 0.00 |
| Start Drop -3.00 | | | | | | | | | |
| 4,100.0 | 17.65 | 287.60 | 3,956.9 | 266.8 | -840.8 | 882.1 | 3.00 | -3.00 | 0.00 |
| 4,200.0 | 14.65 | 287.60 | 4,052.9 | 275.2 | -867.3 | 909.9 | 3.00 | -3.00 | 0.00 |
| 4,300.0 | 11.65 | 287.60 | 4,150.3 | 282.1 | -889.0 | 932.6 | 3.00 | -3.00 | 0.00 |
| 4,400.0 | 8.65 | 287.60 | 4,248.7 | 287.4 | -905.8 | 950.3 | 3.00 | -3.00 | 0.00 |
| 4,500.0 | 5.65 | 287.60 | 4,348.0 | 291.1 | -917.6 | 962.7 | 3.00 | -3.00 | 0.00 |
| 4,600.0 | 2.65 | 287.60 | 4,447.7 | 293.3 | -924.5 | 969.9 | 3.00 | -3.00 | 0.00 |

| | | | |
|------------------|-----------------------------|-------------------------------------|---------------------------------------|
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| Project: | Rockies Region | MD Reference: | 33D-11-6-92 @ 5564.4usft (PAD Est KB) |
| Site: | Valley Farms L | North Reference: | True |
| Well: | 33D-11-6-92 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #1 | | |

| Planned Survey | | | | | | | | | |
|---|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 4,688.4 | 0.00 | 0.00 | 4,536.0 | 294.0 | -926.5 | 972.0 | 3.00 | -3.00 | 0.00 |
| Start 2784.0 hold at 4688.4 MD - 33D-11-6-92 TGT | | | | | | | | | |
| 4,688.8 | 0.00 | 0.00 | 4,536.4 | 294.0 | -926.5 | 972.0 | 0.00 | 0.00 | 0.00 |
| Top of Gas | | | | | | | | | |
| 4,700.0 | 0.00 | 0.00 | 4,547.6 | 294.0 | -926.5 | 972.0 | 0.00 | 0.00 | 0.00 |
| 4,800.0 | 0.00 | 0.00 | 4,647.6 | 294.0 | -926.5 | 972.0 | 0.00 | 0.00 | 0.00 |
| 4,900.0 | 0.00 | 0.00 | 4,747.6 | 294.0 | -926.5 | 972.0 | 0.00 | 0.00 | 0.00 |
| 5,000.0 | 0.00 | 0.00 | 4,847.6 | 294.0 | -926.5 | 972.0 | 0.00 | 0.00 | 0.00 |
| 5,100.0 | 0.00 | 0.00 | 4,947.6 | 294.0 | -926.5 | 972.0 | 0.00 | 0.00 | 0.00 |
| 5,200.0 | 0.00 | 0.00 | 5,047.6 | 294.0 | -926.5 | 972.0 | 0.00 | 0.00 | 0.00 |
| 5,300.0 | 0.00 | 0.00 | 5,147.6 | 294.0 | -926.5 | 972.0 | 0.00 | 0.00 | 0.00 |
| 5,400.0 | 0.00 | 0.00 | 5,247.6 | 294.0 | -926.5 | 972.0 | 0.00 | 0.00 | 0.00 |
| 5,500.0 | 0.00 | 0.00 | 5,347.6 | 294.0 | -926.5 | 972.0 | 0.00 | 0.00 | 0.00 |
| 5,600.0 | 0.00 | 0.00 | 5,447.6 | 294.0 | -926.5 | 972.0 | 0.00 | 0.00 | 0.00 |
| 5,700.0 | 0.00 | 0.00 | 5,547.6 | 294.0 | -926.5 | 972.0 | 0.00 | 0.00 | 0.00 |
| 5,800.0 | 0.00 | 0.00 | 5,647.6 | 294.0 | -926.5 | 972.0 | 0.00 | 0.00 | 0.00 |
| 5,900.0 | 0.00 | 0.00 | 5,747.6 | 294.0 | -926.5 | 972.0 | 0.00 | 0.00 | 0.00 |
| 6,000.0 | 0.00 | 0.00 | 5,847.6 | 294.0 | -926.5 | 972.0 | 0.00 | 0.00 | 0.00 |
| 6,100.0 | 0.00 | 0.00 | 5,947.6 | 294.0 | -926.5 | 972.0 | 0.00 | 0.00 | 0.00 |
| 6,177.8 | 0.00 | 0.00 | 6,025.4 | 294.0 | -926.5 | 972.0 | 0.00 | 0.00 | 0.00 |
| Cameo | | | | | | | | | |
| 6,200.0 | 0.00 | 0.00 | 6,047.6 | 294.0 | -926.5 | 972.0 | 0.00 | 0.00 | 0.00 |
| 6,300.0 | 0.00 | 0.00 | 6,147.6 | 294.0 | -926.5 | 972.0 | 0.00 | 0.00 | 0.00 |
| 6,400.0 | 0.00 | 0.00 | 6,247.6 | 294.0 | -926.5 | 972.0 | 0.00 | 0.00 | 0.00 |
| 6,500.0 | 0.00 | 0.00 | 6,347.6 | 294.0 | -926.5 | 972.0 | 0.00 | 0.00 | 0.00 |
| 6,600.0 | 0.00 | 0.00 | 6,447.6 | 294.0 | -926.5 | 972.0 | 0.00 | 0.00 | 0.00 |
| 6,700.0 | 0.00 | 0.00 | 6,547.6 | 294.0 | -926.5 | 972.0 | 0.00 | 0.00 | 0.00 |
| 6,800.0 | 0.00 | 0.00 | 6,647.6 | 294.0 | -926.5 | 972.0 | 0.00 | 0.00 | 0.00 |
| 6,900.0 | 0.00 | 0.00 | 6,747.6 | 294.0 | -926.5 | 972.0 | 0.00 | 0.00 | 0.00 |
| 7,000.0 | 0.00 | 0.00 | 6,847.6 | 294.0 | -926.5 | 972.0 | 0.00 | 0.00 | 0.00 |
| 7,100.0 | 0.00 | 0.00 | 6,947.6 | 294.0 | -926.5 | 972.0 | 0.00 | 0.00 | 0.00 |
| 7,172.8 | 0.00 | 0.00 | 7,020.4 | 294.0 | -926.5 | 972.0 | 0.00 | 0.00 | 0.00 |
| Rollins | | | | | | | | | |
| 7,200.0 | 0.00 | 0.00 | 7,047.6 | 294.0 | -926.5 | 972.0 | 0.00 | 0.00 | 0.00 |
| 7,300.0 | 0.00 | 0.00 | 7,147.6 | 294.0 | -926.5 | 972.0 | 0.00 | 0.00 | 0.00 |
| 7,400.0 | 0.00 | 0.00 | 7,247.6 | 294.0 | -926.5 | 972.0 | 0.00 | 0.00 | 0.00 |
| 7,472.4 | 0.00 | 0.00 | 7,320.0 | 294.0 | -926.5 | 972.0 | 0.00 | 0.00 | 0.00 |
| TD at 7472.4 | | | | | | | | | |

| Design Targets | | | | | | | | | |
|---|---------------|--------------|------------|--------------|--------------|-----------------|----------------|------------------|-------------------|
| Target Name | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/-S (usft) | +E/-W (usft) | Northing (usft) | Easting (usft) | Latitude | Longitude |
| 33D-11-6-92 TGT | 0.00 | 0.00 | 4,536.0 | 294.0 | -926.5 | 1,628,122.97 | 2,398,703.49 | 39° 32' 18.986 N | 107° 37' 56.024 W |
| - hit/miss target | | | | | | | | | |
| - Shape | | | | | | | | | |
| - plan hits target center | | | | | | | | | |
| - Rectangle (sides W100.0 H40.0 D2,784.0) | | | | | | | | | |

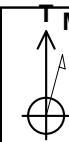
| | | | |
|------------------|-----------------------------|-------------------------------------|---------------------------------------|
| Database: | MasterDB | Local Co-ordinate Reference: | Well 33D-11-6-92 |
| Company: | Ursa Operating Company, LLC | TVD Reference: | 33D-11-6-92 @ 5564.4usft (PAD Est KB) |
| Project: | Rockies Region | MD Reference: | 33D-11-6-92 @ 5564.4usft (PAD Est KB) |
| Site: | Valley Farms L | North Reference: | True |
| Well: | 33D-11-6-92 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #1 | | |

| Formations | | | | | |
|-----------------------|-----------------------|---------------|-----------|---------|-------------------|
| Measured Depth (usft) | Vertical Depth (usft) | Name | Lithology | Dip (°) | Dip Direction (°) |
| 3,516.2 | 3,405.4 | Williams Fork | | 0.00 | |
| 4,688.8 | 4,536.4 | Top of Gas | | 0.00 | |
| 6,177.8 | 6,025.4 | Cameo | | 0.00 | |
| 7,172.8 | 7,020.4 | Rollins | | 0.00 | |

| Plan Annotations | | | | |
|-----------------------|-----------------------|-------------------|--------------|--------------------------------|
| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates | | Comment |
| | | +N/-S (usft) | +E/-W (usft) | |
| 1,100.0 | 1,100.0 | 0.0 | 0.0 | Start Build 3.00 |
| 1,740.3 | 1,728.4 | 32.2 | -101.4 | Start 2307.7 hold at 1740.3 MD |
| 4,048.0 | 3,907.6 | 261.8 | -825.1 | Start Drop -3.00 |
| 4,688.4 | 4,536.0 | 294.0 | -926.5 | Start 2784.0 hold at 4688.4 MD |
| 7,472.4 | 7,320.0 | 294.0 | -926.5 | TD at 7472.4 |



Well Name: 33D-11-6-92
Surface Location: Valley Farms L
North American Datum 1983, US State Plane 1983, Colorado Central Zone
Ground Elevation: 5549.0
+N/-S +E/-W Northing Easting Latitude Longitude Slot
0.0 0.0 1627807.39 2399622.82 39° 32' 16.081 N 107° 37' 44.198 W
PAD Est KB 33D-11-6-92 @ 5564.4usft (PAD Est KB)



Azimuths to True North
Magnetic North: 9.83°
Magnetic Field
Strength: 52039.2snT
Dip Angle: 65.76°
Date: 4/7/2014
Model: IGRF2010

Valley Farms L
33D-11-6-92
Design #1
8:20, April 16 2014

WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)

| Name | TVD | +N/-S | +E/-W | Northing | Easting | Latitude | Longitude | Shape |
|-----------------|--------|-------|--------|------------|------------|------------------------------------|---------------------------------|-------|
| 33D-11-6-92 TGT | 4536.0 | 294.0 | -926.5 | 1628122.97 | 2398703.49 | 39° 32' 18.986 N 107° 37' 56.024 W | Rectangle (Sides: L40.0 W100.0) | |

SECTION DETAILS

| Sec | MD | Inc | Azi | TVD | +N/-S | +E/-W | Dleg | TFace | VSect | Target |
|-----|--------|-------|--------|--------|-------|--------|------|--------|-------|-----------------|
| 1 | 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.0 | |
| 2 | 1100.0 | 0.00 | 0.00 | 1100.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.0 | |
| 3 | 1740.3 | 19.21 | 287.60 | 1728.4 | 32.2 | -101.4 | 3.00 | 287.60 | 106.3 | |
| 4 | 4048.0 | 19.21 | 287.60 | 3907.6 | 261.8 | -825.1 | 0.00 | 0.00 | 865.6 | |
| 5 | 4688.4 | 0.00 | 0.00 | 4536.0 | 294.0 | -926.5 | 3.00 | 180.00 | 972.0 | 33D-11-6-92 TGT |
| 6 | 7472.4 | 0.00 | 0.00 | 7320.0 | 294.0 | -926.5 | 0.00 | 0.00 | 972.0 | |

ANNOTATIONS

| TVD | MD | Annotation |
|--------|--------|--------------------------------|
| 1100.0 | 1100.0 | Start Build 3.00 |
| 1728.4 | 1740.3 | Start 2307.7 hold at 1740.3 MD |
| 3907.6 | 4048.0 | Start Drop -3.00 |
| 4536.0 | 4688.4 | Start 2784.0 hold at 4688.4 MD |
| 7320.0 | 7472.4 | TD at 7472.4 |

FORMATION TOP DETAILS

| TVDPath | MDPath | Formation | DipAngle | DipDir |
|---------|--------|---------------|----------|--------|
| 3405.4 | 3516.2 | Williams Fork | 0.00 | |
| 4536.4 | 4688.8 | Top of Gas | 0.00 | |
| 6025.4 | 6177.8 | Cameo | 0.00 | |
| 7020.4 | 7172.8 | Rollins | 0.00 | |

