



Ursa Operating Company, LLC

**Rockies Region
Valley Farms L
43D-11-06-92**

Wellbore #1

Plan: Design #1

Standard Planning Report

26 November, 2013



| | | | |
|------------------|-----------------------------|-------------------------------------|--|
| Database: | MasterDB | Local Co-ordinate Reference: | Well 43D-11-06-92 |
| Company: | Ursa Operating Company, LLC | TVD Reference: | 43D-11-06-92 @ 5564.4usft (PAD Est KB) |
| Project: | Rockies Region | MD Reference: | 43D-11-06-92 @ 5564.4usft (PAD Est KB) |
| Site: | Valley Farms L | North Reference: | True |
| Well: | 43D-11-06-92 | 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 | 43D-11-06-92, SHL LAT: 39.537716535 LONG: -107.629137055 | | | | | |
| Well Position | +N/-S | -36.7 usft | Northing: | 1,627,778.14 usft | Latitude: | 39° 32' 15.779 N |
| | +E/-W | -65.4 usft | Easting: | 2,399,567.61 usft | Longitude: | 107° 37' 44.893 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) |
| | IGRF200510 | 11/14/2013 | 9.84 | 65.79 | 52,120 |

| | | | | |
|--------------------------|--------------------------------|---------------------|----------------------|----------------------|
| 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 | 59.18 |

| 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 | |
| 1,431.2 | 9.94 | 59.18 | 1,429.5 | 14.7 | 24.6 | 3.00 | 3.00 | 0.00 | 59.18 | |
| 4,126.6 | 9.94 | 59.18 | 4,084.5 | 252.9 | 424.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 4,457.7 | 0.00 | 0.00 | 4,414.0 | 267.6 | 448.6 | 3.00 | -3.00 | 0.00 | 180.00 | 43D-11-06-92 TGT |
| 7,241.7 | 0.00 | 0.00 | 7,198.0 | 267.6 | 448.6 | 0.00 | 0.00 | 0.00 | 0.00 | |

| | | | |
|------------------|-----------------------------|-------------------------------------|--|
| Database: | MasterDB | Local Co-ordinate Reference: | Well 43D-11-06-92 |
| Company: | Ursa Operating Company, LLC | TVD Reference: | 43D-11-06-92 @ 5564.4usft (PAD Est KB) |
| Project: | Rockies Region | MD Reference: | 43D-11-06-92 @ 5564.4usft (PAD Est KB) |
| Site: | Valley Farms L | North Reference: | True |
| Well: | 43D-11-06-92 | 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 | 59.18 | 1,200.0 | 1.3 | 2.2 | 2.6 | 3.00 | 3.00 | 0.00 |
| 1,300.0 | 6.00 | 59.18 | 1,299.6 | 5.4 | 9.0 | 10.5 | 3.00 | 3.00 | 0.00 |
| 1,400.0 | 9.00 | 59.18 | 1,398.8 | 12.0 | 20.2 | 23.5 | 3.00 | 3.00 | 0.00 |
| 1,431.2 | 9.94 | 59.18 | 1,429.5 | 14.7 | 24.6 | 28.6 | 3.00 | 3.00 | 0.00 |
| Start 2695.4 hold at 1431.2 MD | | | | | | | | | |
| 1,500.0 | 9.94 | 59.18 | 1,497.3 | 20.8 | 34.8 | 40.5 | 0.00 | 0.00 | 0.00 |
| 1,600.0 | 9.94 | 59.18 | 1,595.8 | 29.6 | 49.6 | 57.8 | 0.00 | 0.00 | 0.00 |
| 1,700.0 | 9.94 | 59.18 | 1,694.3 | 38.4 | 64.4 | 75.0 | 0.00 | 0.00 | 0.00 |
| 1,800.0 | 9.94 | 59.18 | 1,792.8 | 47.3 | 79.2 | 92.3 | 0.00 | 0.00 | 0.00 |
| 1,900.0 | 9.94 | 59.18 | 1,891.3 | 56.1 | 94.1 | 109.5 | 0.00 | 0.00 | 0.00 |
| 2,000.0 | 9.94 | 59.18 | 1,989.8 | 65.0 | 108.9 | 126.8 | 0.00 | 0.00 | 0.00 |
| 2,100.0 | 9.94 | 59.18 | 2,088.3 | 73.8 | 123.7 | 144.0 | 0.00 | 0.00 | 0.00 |
| 2,200.0 | 9.94 | 59.18 | 2,186.8 | 82.6 | 138.5 | 161.3 | 0.00 | 0.00 | 0.00 |
| 2,300.0 | 9.94 | 59.18 | 2,285.3 | 91.5 | 153.3 | 178.5 | 0.00 | 0.00 | 0.00 |
| 2,400.0 | 9.94 | 59.18 | 2,383.8 | 100.3 | 168.2 | 195.8 | 0.00 | 0.00 | 0.00 |
| 2,500.0 | 9.94 | 59.18 | 2,482.3 | 109.1 | 183.0 | 213.1 | 0.00 | 0.00 | 0.00 |
| 2,600.0 | 9.94 | 59.18 | 2,580.8 | 118.0 | 197.8 | 230.3 | 0.00 | 0.00 | 0.00 |
| 2,700.0 | 9.94 | 59.18 | 2,679.3 | 126.8 | 212.6 | 247.6 | 0.00 | 0.00 | 0.00 |
| 2,800.0 | 9.94 | 59.18 | 2,777.8 | 135.7 | 227.4 | 264.8 | 0.00 | 0.00 | 0.00 |
| 2,900.0 | 9.94 | 59.18 | 2,876.3 | 144.5 | 242.2 | 282.1 | 0.00 | 0.00 | 0.00 |
| 3,000.0 | 9.94 | 59.18 | 2,974.8 | 153.3 | 257.1 | 299.3 | 0.00 | 0.00 | 0.00 |
| 3,100.0 | 9.94 | 59.18 | 3,073.3 | 162.2 | 271.9 | 316.6 | 0.00 | 0.00 | 0.00 |
| 3,200.0 | 9.94 | 59.18 | 3,171.8 | 171.0 | 286.7 | 333.8 | 0.00 | 0.00 | 0.00 |
| 3,300.0 | 9.94 | 59.18 | 3,270.3 | 179.9 | 301.5 | 351.1 | 0.00 | 0.00 | 0.00 |
| 3,313.3 | 9.94 | 59.18 | 3,283.4 | 181.0 | 303.5 | 353.4 | 0.00 | 0.00 | 0.00 |
| Williams Fork | | | | | | | | | |
| 3,400.0 | 9.94 | 59.18 | 3,368.8 | 188.7 | 316.3 | 368.3 | 0.00 | 0.00 | 0.00 |
| 3,500.0 | 9.94 | 59.18 | 3,467.3 | 197.5 | 331.1 | 385.6 | 0.00 | 0.00 | 0.00 |
| 3,600.0 | 9.94 | 59.18 | 3,565.8 | 206.4 | 346.0 | 402.8 | 0.00 | 0.00 | 0.00 |
| 3,700.0 | 9.94 | 59.18 | 3,664.3 | 215.2 | 360.8 | 420.1 | 0.00 | 0.00 | 0.00 |
| 3,800.0 | 9.94 | 59.18 | 3,762.8 | 224.0 | 375.6 | 437.4 | 0.00 | 0.00 | 0.00 |
| 3,900.0 | 9.94 | 59.18 | 3,861.3 | 232.9 | 390.4 | 454.6 | 0.00 | 0.00 | 0.00 |
| 4,000.0 | 9.94 | 59.18 | 3,959.8 | 241.7 | 405.2 | 471.9 | 0.00 | 0.00 | 0.00 |
| 4,100.0 | 9.94 | 59.18 | 4,058.3 | 250.6 | 420.1 | 489.1 | 0.00 | 0.00 | 0.00 |
| 4,126.6 | 9.94 | 59.18 | 4,084.5 | 252.9 | 424.0 | 493.7 | 0.00 | 0.00 | 0.00 |
| Start Drop -3.00 | | | | | | | | | |
| 4,200.0 | 7.73 | 59.18 | 4,157.0 | 258.7 | 433.7 | 505.0 | 3.00 | -3.00 | 0.00 |
| 4,300.0 | 4.73 | 59.18 | 4,256.4 | 264.3 | 443.0 | 515.8 | 3.00 | -3.00 | 0.00 |
| 4,400.0 | 1.73 | 59.18 | 4,356.3 | 267.1 | 447.8 | 521.5 | 3.00 | -3.00 | 0.00 |
| 4,457.7 | 0.00 | 0.00 | 4,414.0 | 267.6 | 448.6 | 522.3 | 3.00 | -3.00 | 0.00 |
| Start 2784.0 hold at 4457.7 MD - 43D-11-06-92 TGT | | | | | | | | | |

| | | | |
|------------------|-----------------------------|-------------------------------------|--|
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| Company: | Ursa Operating Company, LLC | TVD Reference: | 43D-11-06-92 @ 5564.4usft (PAD Est KB) |
| Project: | Rockies Region | MD Reference: | 43D-11-06-92 @ 5564.4usft (PAD Est KB) |
| Site: | Valley Farms L | North Reference: | True |
| Well: | 43D-11-06-92 | 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) |
| 4,458.1 | 0.00 | 0.00 | 4,414.4 | 267.6 | 448.6 | 522.3 | 0.00 | 0.00 | 0.00 |
| Top of Gas | | | | | | | | | |
| 4,500.0 | 0.00 | 0.00 | 4,456.3 | 267.6 | 448.6 | 522.3 | 0.00 | 0.00 | 0.00 |
| 4,600.0 | 0.00 | 0.00 | 4,556.3 | 267.6 | 448.6 | 522.3 | 0.00 | 0.00 | 0.00 |
| 4,700.0 | 0.00 | 0.00 | 4,656.3 | 267.6 | 448.6 | 522.3 | 0.00 | 0.00 | 0.00 |
| 4,800.0 | 0.00 | 0.00 | 4,756.3 | 267.6 | 448.6 | 522.3 | 0.00 | 0.00 | 0.00 |
| 4,900.0 | 0.00 | 0.00 | 4,856.3 | 267.6 | 448.6 | 522.3 | 0.00 | 0.00 | 0.00 |
| 5,000.0 | 0.00 | 0.00 | 4,956.3 | 267.6 | 448.6 | 522.3 | 0.00 | 0.00 | 0.00 |
| 5,100.0 | 0.00 | 0.00 | 5,056.3 | 267.6 | 448.6 | 522.3 | 0.00 | 0.00 | 0.00 |
| 5,200.0 | 0.00 | 0.00 | 5,156.3 | 267.6 | 448.6 | 522.3 | 0.00 | 0.00 | 0.00 |
| 5,300.0 | 0.00 | 0.00 | 5,256.3 | 267.6 | 448.6 | 522.3 | 0.00 | 0.00 | 0.00 |
| 5,400.0 | 0.00 | 0.00 | 5,356.3 | 267.6 | 448.6 | 522.3 | 0.00 | 0.00 | 0.00 |
| 5,500.0 | 0.00 | 0.00 | 5,456.3 | 267.6 | 448.6 | 522.3 | 0.00 | 0.00 | 0.00 |
| 5,600.0 | 0.00 | 0.00 | 5,556.3 | 267.6 | 448.6 | 522.3 | 0.00 | 0.00 | 0.00 |
| 5,700.0 | 0.00 | 0.00 | 5,656.3 | 267.6 | 448.6 | 522.3 | 0.00 | 0.00 | 0.00 |
| 5,800.0 | 0.00 | 0.00 | 5,756.3 | 267.6 | 448.6 | 522.3 | 0.00 | 0.00 | 0.00 |
| 5,900.0 | 0.00 | 0.00 | 5,856.3 | 267.6 | 448.6 | 522.3 | 0.00 | 0.00 | 0.00 |
| 5,947.1 | 0.00 | 0.00 | 5,903.4 | 267.6 | 448.6 | 522.3 | 0.00 | 0.00 | 0.00 |
| Cameo | | | | | | | | | |
| 6,000.0 | 0.00 | 0.00 | 5,956.3 | 267.6 | 448.6 | 522.3 | 0.00 | 0.00 | 0.00 |
| 6,100.0 | 0.00 | 0.00 | 6,056.3 | 267.6 | 448.6 | 522.3 | 0.00 | 0.00 | 0.00 |
| 6,200.0 | 0.00 | 0.00 | 6,156.3 | 267.6 | 448.6 | 522.3 | 0.00 | 0.00 | 0.00 |
| 6,300.0 | 0.00 | 0.00 | 6,256.3 | 267.6 | 448.6 | 522.3 | 0.00 | 0.00 | 0.00 |
| 6,400.0 | 0.00 | 0.00 | 6,356.3 | 267.6 | 448.6 | 522.3 | 0.00 | 0.00 | 0.00 |
| 6,500.0 | 0.00 | 0.00 | 6,456.3 | 267.6 | 448.6 | 522.3 | 0.00 | 0.00 | 0.00 |
| 6,600.0 | 0.00 | 0.00 | 6,556.3 | 267.6 | 448.6 | 522.3 | 0.00 | 0.00 | 0.00 |
| 6,700.0 | 0.00 | 0.00 | 6,656.3 | 267.6 | 448.6 | 522.3 | 0.00 | 0.00 | 0.00 |
| 6,800.0 | 0.00 | 0.00 | 6,756.3 | 267.6 | 448.6 | 522.3 | 0.00 | 0.00 | 0.00 |
| 6,900.0 | 0.00 | 0.00 | 6,856.3 | 267.6 | 448.6 | 522.3 | 0.00 | 0.00 | 0.00 |
| 6,942.1 | 0.00 | 0.00 | 6,898.4 | 267.6 | 448.6 | 522.3 | 0.00 | 0.00 | 0.00 |
| Rollins | | | | | | | | | |
| 7,000.0 | 0.00 | 0.00 | 6,956.3 | 267.6 | 448.6 | 522.3 | 0.00 | 0.00 | 0.00 |
| 7,100.0 | 0.00 | 0.00 | 7,056.3 | 267.6 | 448.6 | 522.3 | 0.00 | 0.00 | 0.00 |
| 7,200.0 | 0.00 | 0.00 | 7,156.3 | 267.6 | 448.6 | 522.3 | 0.00 | 0.00 | 0.00 |
| 7,241.7 | 0.00 | 0.00 | 7,198.0 | 267.6 | 448.6 | 522.3 | 0.00 | 0.00 | 0.00 |
| TD at 7241.7 | | | | | | | | | |

| Design Targets | | | | | | | | | |
|---|---------------|--------------|------------|--------------|--------------|-----------------|----------------|------------------|-------------------|
| Target Name | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/-S (usft) | +E/-W (usft) | Northing (usft) | Easting (usft) | Latitude | Longitude |
| 43D-11-06-92 TGT | 0.00 | 0.00 | 4,414.0 | 267.6 | 448.6 | 1,628,035.14 | 2,400,022.35 | 39° 32' 18.424 N | 107° 37' 39.167 W |
| - hit/miss target | | | | | | | | | |
| - Shape | | | | | | | | | |
| - plan hits target center | | | | | | | | | |
| - Rectangle (sides W100.0 H40.0 D2,784.0) | | | | | | | | | |

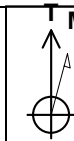
| | | | |
|------------------|-----------------------------|-------------------------------------|--|
| Database: | MasterDB | Local Co-ordinate Reference: | Well 43D-11-06-92 |
| Company: | Ursa Operating Company, LLC | TVD Reference: | 43D-11-06-92 @ 5564.4usft (PAD Est KB) |
| Project: | Rockies Region | MD Reference: | 43D-11-06-92 @ 5564.4usft (PAD Est KB) |
| Site: | Valley Farms L | North Reference: | True |
| Well: | 43D-11-06-92 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #1 | | |

| Formations | | | | | |
|-----------------------|-----------------------|---------------|-----------|---------|-------------------|
| Measured Depth (usft) | Vertical Depth (usft) | Name | Lithology | Dip (°) | Dip Direction (°) |
| 3,313.3 | 3,283.4 | Williams Fork | | 0.00 | |
| 4,458.1 | 4,414.4 | Top of Gas | | 0.00 | |
| 5,947.1 | 5,903.4 | Cameo | | 0.00 | |
| 6,942.1 | 6,898.4 | 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 |
| 1,431.2 | 1,429.5 | 14.7 | 24.6 | Start 2695.4 hold at 1431.2 MD |
| 4,126.6 | 4,084.5 | 252.9 | 424.0 | Start Drop -3.00 |
| 4,457.7 | 4,414.0 | 267.6 | 448.6 | Start 2784.0 hold at 4457.7 MD |
| 7,241.7 | 7,198.0 | 267.6 | 448.6 | TD at 7241.7 |



Well Name: 43D-11-06-92
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
0.0 0.0 1627778.14 2399567.61 39° 32' 15.779 N 107° 37' 44.893 W
PAD Est KB 43D-11-06-92 @ 5564.4usft (PAD Est KB)



Azimuths to True North
Magnetic North: 9.85°
Magnetic Field
Strength: 52119.6snT
Dip Angle: 65.79°
Date: 11/14/2013
Model: IGRF200510

Valley Farms L
43D-11-06-92
Design #1
8:56, November 26 2013

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

| Name | TVD | +N/-S | +E/-W | Northing | Easting | Latitude | Longitude | Shape |
|------------------------|-----|-------|-------|------------|------------|------------------|-------------------|---------------------------------|
| 43D-11-06-92 TGT4414.0 | | 267.6 | 448.6 | 1628035.14 | 2400022.35 | 39° 32' 18.424 N | 107° 37' 39.167 W | Rectangle (Sides: L40.0 W100.0) |

SECTION DETAILS

| Sec | MD | Inc | Azi | TVD | +N/-S | +E/-W | Dleg | TFace | VSec | 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 | 1431.2 | 9.94 | 59.18 | 1429.5 | 14.7 | 24.6 | 3.00 | 59.18 | 28.6 | |
| 4 | 4126.6 | 9.94 | 59.18 | 4084.5 | 252.9 | 424.0 | 0.00 | 0.00 | 493.7 | |
| 5 | 4457.7 | 0.00 | 0.00 | 4414.0 | 267.6 | 448.6 | 3.00 | 180.00 | 522.3 | 43D-11-06-92 TGT |
| 6 | 7241.7 | 0.00 | 0.00 | 7198.0 | 267.6 | 448.6 | 0.00 | 0.00 | 522.3 | |

ANNOTATIONS

| TVD | MD | Annotation |
|--------|--------|--------------------------------|
| 1100.0 | 1100.0 | Start Build 3.00 |
| 1429.5 | 1431.2 | Start 2695.4 hold at 1431.2 MD |
| 4084.5 | 4126.6 | Start Drop -3.00 |
| 4414.0 | 4457.7 | Start 2784.0 hold at 4457.7 MD |
| 7198.0 | 7241.7 | TD at 7241.7 |

FORMATION TOP DETAILS

| TVDPath | MDPath | Formation | DipAngle | DipDir |
|---------|--------|---------------|----------|--------|
| 3283.4 | 3313.3 | Williams Fork | 0.00 | |
| 4414.4 | 4458.1 | Top of Gas | 0.00 | |
| 5903.4 | 5947.1 | Cameo | 0.00 | |
| 6898.4 | 6942.1 | Rollins | 0.00 | |

