



Robert L. Bayless, Producer LLC.

Weaver Ridge 23-7H
Sec23 T01S R104W
Rio Blanco Co., CO

PATHFINDER

A Schlumberger Company

GE: 6800' / KB: 12'

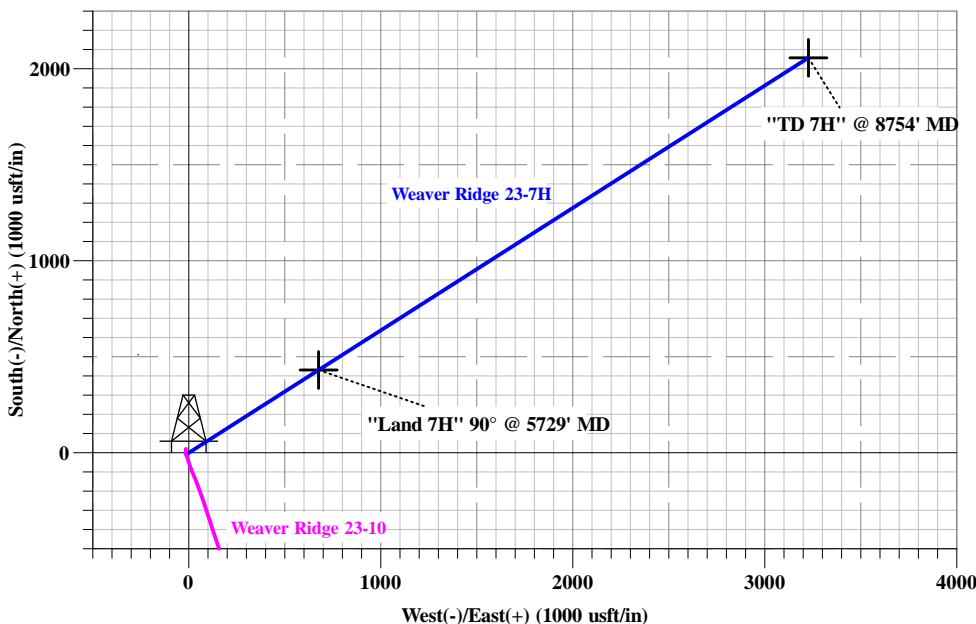
Exhibit # 8

CASING DETAILS

| MD | TVD | Size |
|--------|--------|--------|
| 500.0 | 500.0 | 9 5/8" |
| 5271.0 | 5729.8 | 7" |

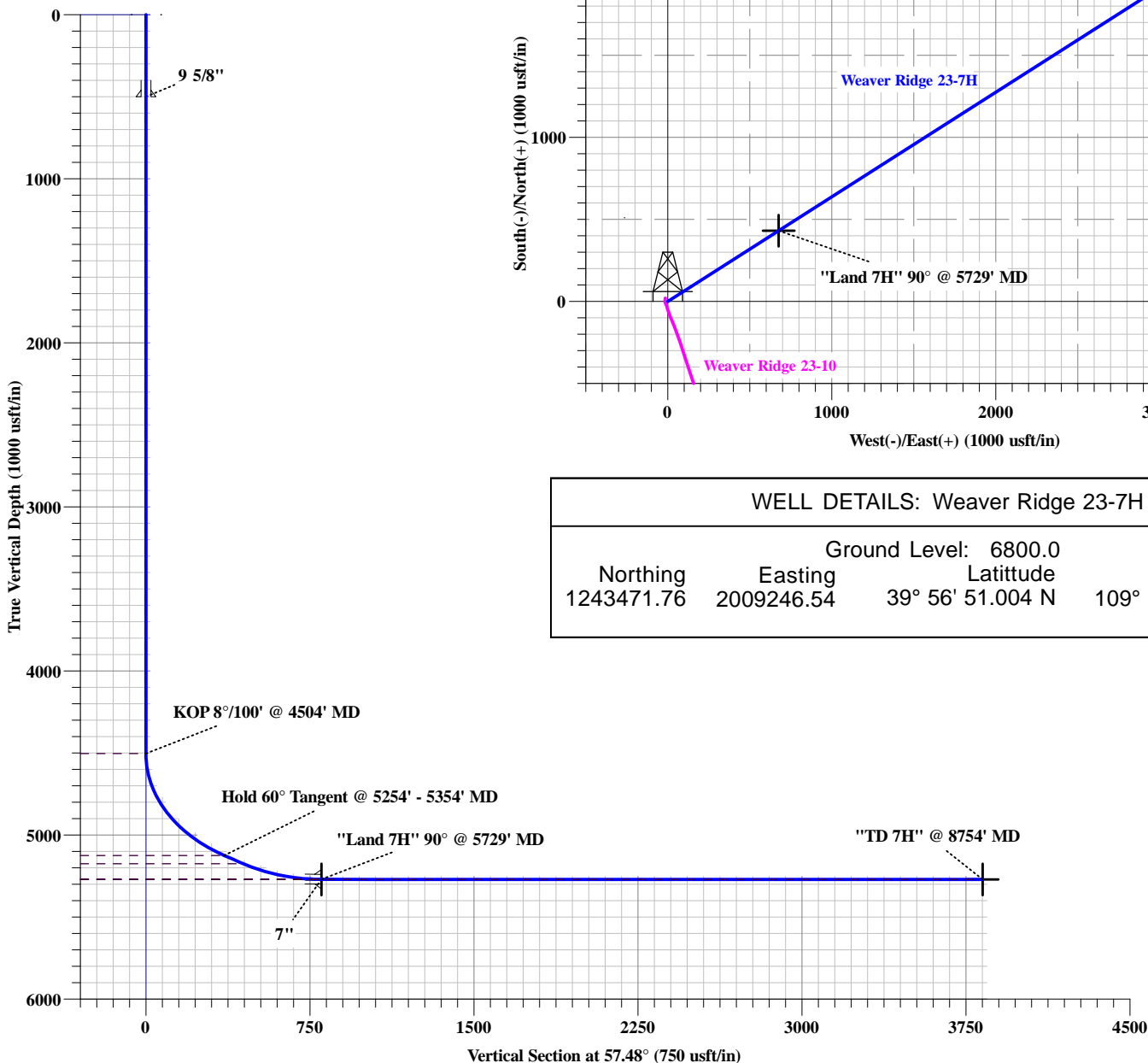
WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

| Name | TVD | +N/-S | +E/-W | Northing | Easting | Shape |
|-----------|--------|--------|--------|------------|------------|-------|
| Land - 7H | 5271.0 | 431.6 | 676.9 | 1243876.05 | 2009940.10 | Point |
| BHL - 7H | 5271.0 | 2057.6 | 3227.1 | 1245399.15 | 2012553.04 | Point |



WELL DETAILS: Weaver Ridge 23-7H

| | | | |
|----------------------|------------|------------------|-----------------|
| Ground Level: 6800.0 | | | |
| Northing | Easting | Latitude | Longitude |
| 1243471.76 | 2009246.54 | 39° 56' 51.004 N | 109° 2' 4.852 W |



SECTION DETAILS

| MD | Inc | Azi | TVD | +N/-S | +E/-W | Dleg | TFace | VSEct | Target |
|--------|-------|-------|--------|--------|--------|------|-------|--------|----------|
| 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.0 | |
| 4504.8 | 0.00 | 0.00 | 4504.8 | 0.0 | 0.0 | 0.00 | 0.00 | 0.0 | |
| 5254.8 | 60.00 | 57.48 | 5125.0 | 192.5 | 301.9 | 8.00 | 57.48 | 358.1 | |
| 5354.8 | 60.00 | 57.48 | 5175.0 | 239.1 | 375.0 | 0.00 | 0.00 | 444.7 | |
| 5729.8 | 90.00 | 57.48 | 5271.0 | 431.6 | 676.9 | 8.00 | 0.00 | 802.8 | |
| 8754.2 | 90.00 | 57.48 | 5271.0 | 2057.6 | 3227.1 | 0.00 | 0.00 | 3827.2 | BHL - 7H |

Plan: Design #3 (Weaver Ridge 23-7H/Wellbore #1)

Created By: Breck Enoch

Date: 15-Mar-2012



Robert L. Bayless, Producer LLC.

**Rio Blanco Co., CO
Sec23 T01S R104W
Weaver Ridge 23-7H**

Wellbore #1

Plan: Design #3

Standard Planning Report

15 March, 2012



| | | | |
|------------------|----------------------------------|-------------------------------------|--|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Site Sec23 T01S R104W |
| Company: | Robert L. Bayless, Producer LLC. | TVD Reference: | WELL @ 6812.0usft (Original Well Elev) |
| Project: | Rio Blanco Co., CO | MD Reference: | WELL @ 6812.0usft (Original Well Elev) |
| Site: | Sec23 T01S R104W | North Reference: | True |
| Well: | Weaver Ridge 23-7H | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #3 | | |

| | | | |
|--------------------|---------------------------|----------------------|----------------|
| Project | Rio Blanco Co., CO | | |
| Map System: | US State Plane 1983 | System Datum: | Mean Sea Level |
| Geo Datum: | North American Datum 1983 | | |
| Map Zone: | Colorado Northern Zone | | |

| | | | | | |
|-----------------------|------------------|--------------|-------------------|-------------------|------------------|
| Site | Sec23 T01S R104W | | | | |
| Site Position: | | Northing: | 1,243,471.76 usft | Latitude: | 39° 56' 51.004 N |
| From: | Lat/Long | Easting: | 2,009,246.55 usft | Longitude: | 109° 2' 4.852 W |
| Position Uncertainty: | 0.0 usft | Slot Radius: | 13-3/16 " | Grid Convergence: | -2.28 |

| Well | Weaver Ridge 23-7H | | | | | |
|----------------------|--------------------|----------|---------------------|-------------------|---------------|------------------|
| Well Position | +N/-S | 0.0 usft | Northing: | 1,243,471.76 usft | Latitude: | 39° 56' 51.004 N |
| | +E/-W | 0.0 usft | Easting: | 2,009,246.55 usft | Longitude: | 109° 2' 4.852 W |
| Position Uncertainty | | 0.0 usft | Wellhead Elevation: | | Ground Level: | 6,800.0 usft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | Wellbore #1 | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF2010 | 2012/02/01 | 10.79 | 65.90 | 52,287 |

| | | | | |
|--------------------------|--------------------------------|---------------------|----------------------|----------------------|
| Design | Design #3 | | | |
| 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 | 57.48 |

| 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 | |
| 4,504.8 | 0.00 | 0.00 | 4,504.8 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 5,254.8 | 60.00 | 57.48 | 5,125.0 | 192.5 | 301.9 | 8.00 | 8.00 | 0.00 | 57.48 | |
| 5,354.8 | 60.00 | 57.48 | 5,175.0 | 239.1 | 375.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 5,729.8 | 90.00 | 57.48 | 5,271.0 | 431.6 | 676.9 | 8.00 | 8.00 | 0.00 | 0.00 | |
| 8,754.2 | 90.00 | 57.48 | 5,271.0 | 2,057.6 | 3,227.1 | 0.00 | 0.00 | 0.00 | 0.00 | BHL - 7H |



| | | | |
|------------------|----------------------------------|-------------------------------------|--|
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| Company: | Robert L. Bayless, Producer LLC. | TVD Reference: | WELL @ 6812.0usft (Original Well Elev) |
| Project: | Rio Blanco Co., CO | MD Reference: | WELL @ 6812.0usft (Original Well Elev) |
| Site: | Sec23 T01S R104W | North Reference: | True |
| Well: | Weaver Ridge 23-7H | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #3 | | |

| 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 |
| 12.0 | 0.00 | 0.00 | 12.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| Green River | | | | | | | | | |
| 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 |
| 9 5/8" | | | | | | | | | |
| 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 |
| 1,200.0 | 0.00 | 0.00 | 1,200.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 1,300.0 | 0.00 | 0.00 | 1,300.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 1,400.0 | 0.00 | 0.00 | 1,400.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 1,500.0 | 0.00 | 0.00 | 1,500.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 1,600.0 | 0.00 | 0.00 | 1,600.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 1,700.0 | 0.00 | 0.00 | 1,700.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 1,800.0 | 0.00 | 0.00 | 1,800.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 1,900.0 | 0.00 | 0.00 | 1,900.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 1,980.0 | 0.00 | 0.00 | 1,980.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| Wasatch | | | | | | | | | |
| 2,000.0 | 0.00 | 0.00 | 2,000.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 2,100.0 | 0.00 | 0.00 | 2,100.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 2,200.0 | 0.00 | 0.00 | 2,200.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 2,300.0 | 0.00 | 0.00 | 2,300.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 2,397.0 | 0.00 | 0.00 | 2,397.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| Mesaverde | | | | | | | | | |
| 2,400.0 | 0.00 | 0.00 | 2,400.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 2,500.0 | 0.00 | 0.00 | 2,500.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 2,600.0 | 0.00 | 0.00 | 2,600.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 2,700.0 | 0.00 | 0.00 | 2,700.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 2,800.0 | 0.00 | 0.00 | 2,800.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 2,900.0 | 0.00 | 0.00 | 2,900.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 3,000.0 | 0.00 | 0.00 | 3,000.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 3,100.0 | 0.00 | 0.00 | 3,100.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 3,200.0 | 0.00 | 0.00 | 3,200.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 3,300.0 | 0.00 | 0.00 | 3,300.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 3,400.0 | 0.00 | 0.00 | 3,400.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 3,488.0 | 0.00 | 0.00 | 3,488.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| Upper Sego | | | | | | | | | |
| 3,500.0 | 0.00 | 0.00 | 3,500.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 3,600.0 | 0.00 | 0.00 | 3,600.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 3,692.0 | 0.00 | 0.00 | 3,692.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| Lower Sego | | | | | | | | | |
| 3,700.0 | 0.00 | 0.00 | 3,700.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 3,761.0 | 0.00 | 0.00 | 3,761.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| Buck Tongue | | | | | | | | | |
| 3,800.0 | 0.00 | 0.00 | 3,800.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 3,900.0 | 0.00 | 0.00 | 3,900.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |



| | | | |
|------------------|----------------------------------|-------------------------------------|--|
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| Project: | Rio Blanco Co., CO | MD Reference: | WELL @ 6812.0usft (Original Well Elev) |
| Site: | Sec23 T01S R104W | North Reference: | True |
| Well: | Weaver Ridge 23-7H | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #3 | | |

| 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) |
| 3,986.0 | 0.00 | 0.00 | 3,986.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| Castlegate | | | | | | | | | |
| 4,000.0 | 0.00 | 0.00 | 4,000.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 4,100.0 | 0.00 | 0.00 | 4,100.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 4,116.0 | 0.00 | 0.00 | 4,116.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| Mancos | | | | | | | | | |
| 4,200.0 | 0.00 | 0.00 | 4,200.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 4,300.0 | 0.00 | 0.00 | 4,300.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 4,400.0 | 0.00 | 0.00 | 4,400.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 4,504.8 | 0.00 | 0.00 | 4,504.8 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| KOP 8°/100' @ 4504' MD | | | | | | | | | |
| 4,550.0 | 3.62 | 57.48 | 4,550.0 | 0.8 | 1.2 | 1.4 | 8.00 | 8.00 | 0.00 |
| 4,600.0 | 7.62 | 57.48 | 4,599.7 | 3.4 | 5.3 | 6.3 | 8.00 | 8.00 | 0.00 |
| 4,650.0 | 11.62 | 57.48 | 4,649.0 | 7.9 | 12.4 | 14.7 | 8.00 | 8.00 | 0.00 |
| 4,700.0 | 15.62 | 57.48 | 4,697.6 | 14.2 | 22.3 | 26.4 | 8.00 | 8.00 | 0.00 |
| 4,750.0 | 19.62 | 57.48 | 4,745.2 | 22.3 | 35.0 | 41.6 | 8.00 | 8.00 | 0.00 |
| 4,800.0 | 23.62 | 57.48 | 4,791.7 | 32.2 | 50.6 | 60.0 | 8.00 | 8.00 | 0.00 |
| 4,850.0 | 27.62 | 57.48 | 4,836.8 | 43.9 | 68.8 | 81.6 | 8.00 | 8.00 | 0.00 |
| 4,900.0 | 31.62 | 57.48 | 4,880.2 | 57.1 | 89.6 | 106.3 | 8.00 | 8.00 | 0.00 |
| 4,919.8 | 33.20 | 57.48 | 4,897.0 | 62.9 | 98.6 | 116.9 | 8.00 | 8.00 | 0.00 |
| Mancos A | | | | | | | | | |
| 4,950.0 | 35.62 | 57.48 | 4,921.9 | 72.0 | 113.0 | 134.0 | 8.00 | 8.00 | 0.00 |
| 5,000.0 | 39.62 | 57.48 | 4,961.5 | 88.4 | 138.7 | 164.5 | 8.00 | 8.00 | 0.00 |
| 5,050.0 | 43.62 | 57.48 | 4,998.8 | 106.3 | 166.7 | 197.7 | 8.00 | 8.00 | 0.00 |
| 5,100.0 | 47.62 | 57.48 | 5,033.8 | 125.5 | 196.8 | 233.4 | 8.00 | 8.00 | 0.00 |
| 5,150.0 | 51.62 | 57.48 | 5,066.2 | 146.0 | 228.9 | 271.5 | 8.00 | 8.00 | 0.00 |
| 5,200.0 | 55.62 | 57.48 | 5,095.9 | 167.6 | 262.8 | 311.7 | 8.00 | 8.00 | 0.00 |
| 5,254.8 | 60.00 | 57.48 | 5,125.0 | 192.5 | 301.9 | 358.1 | 8.00 | 8.00 | 0.00 |
| Hold 60° Tangent @ 5254' - 5354' MD | | | | | | | | | |
| 5,264.7 | 60.00 | 57.48 | 5,130.0 | 197.1 | 309.2 | 366.7 | 0.00 | 0.00 | 0.00 |
| Mancos B | | | | | | | | | |
| 5,300.0 | 60.00 | 57.48 | 5,147.6 | 213.6 | 334.9 | 397.2 | 0.00 | 0.00 | 0.00 |
| 5,354.8 | 60.00 | 57.48 | 5,175.0 | 239.1 | 375.0 | 444.7 | 0.00 | 0.00 | 0.00 |
| Build 8°/100' @ 5354' MD | | | | | | | | | |
| 5,400.0 | 63.62 | 57.48 | 5,196.4 | 260.5 | 408.5 | 484.5 | 8.00 | 8.00 | 0.00 |
| 5,450.0 | 67.62 | 57.48 | 5,217.0 | 285.0 | 446.9 | 530.1 | 8.00 | 8.00 | 0.00 |
| 5,500.0 | 71.62 | 57.48 | 5,234.4 | 310.2 | 486.4 | 576.9 | 8.00 | 8.00 | 0.00 |
| 5,547.8 | 75.44 | 57.48 | 5,248.0 | 334.8 | 525.1 | 622.8 | 8.00 | 8.00 | 0.00 |
| MnB Basal SS | | | | | | | | | |
| 5,550.0 | 75.62 | 57.48 | 5,248.5 | 336.0 | 526.9 | 624.9 | 8.00 | 8.00 | 0.00 |
| 5,600.0 | 79.62 | 57.48 | 5,259.3 | 362.2 | 568.1 | 673.7 | 8.00 | 8.00 | 0.00 |
| 5,650.0 | 83.62 | 57.48 | 5,266.6 | 388.8 | 609.8 | 723.2 | 8.00 | 8.00 | 0.00 |
| 5,700.0 | 87.62 | 57.48 | 5,270.4 | 415.6 | 651.8 | 773.0 | 8.00 | 8.00 | 0.00 |
| 5,729.8 | 90.00 | 57.48 | 5,271.0 | 431.6 | 676.9 | 802.8 | 8.00 | 8.00 | 0.00 |
| "Land 7H" 90° @ 5729' MD - Target - 7" | | | | | | | | | |
| 5,800.0 | 90.00 | 57.48 | 5,271.0 | 469.3 | 736.1 | 873.0 | 0.00 | 0.00 | 0.00 |
| 5,900.0 | 90.00 | 57.48 | 5,271.0 | 523.1 | 820.4 | 973.0 | 0.00 | 0.00 | 0.00 |
| 6,000.0 | 90.00 | 57.48 | 5,271.0 | 576.9 | 904.7 | 1,073.0 | 0.00 | 0.00 | 0.00 |
| 6,100.0 | 90.00 | 57.48 | 5,271.0 | 630.6 | 989.1 | 1,173.0 | 0.00 | 0.00 | 0.00 |
| 6,200.0 | 90.00 | 57.48 | 5,271.0 | 684.4 | 1,073.4 | 1,273.0 | 0.00 | 0.00 | 0.00 |
| 6,300.0 | 90.00 | 57.48 | 5,271.0 | 738.2 | 1,157.7 | 1,373.0 | 0.00 | 0.00 | 0.00 |
| 6,400.0 | 90.00 | 57.48 | 5,271.0 | 791.9 | 1,242.0 | 1,473.0 | 0.00 | 0.00 | 0.00 |
| 6,500.0 | 90.00 | 57.48 | 5,271.0 | 845.7 | 1,326.3 | 1,573.0 | 0.00 | 0.00 | 0.00 |



| | | | |
|------------------|----------------------------------|-------------------------------------|--|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Site Sec23 T01S R104W |
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| Site: | Sec23 T01S R104W | North Reference: | True |
| Well: | Weaver Ridge 23-7H | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #3 | | |

| 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) | |
| 6,600.0 | 90.00 | 57.48 | 5,271.0 | 899.4 | 1,410.6 | 1,673.0 | 0.00 | 0.00 | 0.00 | |
| 6,700.0 | 90.00 | 57.48 | 5,271.0 | 953.2 | 1,495.0 | 1,773.0 | 0.00 | 0.00 | 0.00 | |
| 6,800.0 | 90.00 | 57.48 | 5,271.0 | 1,007.0 | 1,579.3 | 1,873.0 | 0.00 | 0.00 | 0.00 | |
| 6,900.0 | 90.00 | 57.48 | 5,271.0 | 1,060.7 | 1,663.6 | 1,973.0 | 0.00 | 0.00 | 0.00 | |
| 7,000.0 | 90.00 | 57.48 | 5,271.0 | 1,114.5 | 1,747.9 | 2,073.0 | 0.00 | 0.00 | 0.00 | |
| 7,100.0 | 90.00 | 57.48 | 5,271.0 | 1,168.3 | 1,832.2 | 2,173.0 | 0.00 | 0.00 | 0.00 | |
| 7,200.0 | 90.00 | 57.48 | 5,271.0 | 1,222.0 | 1,916.6 | 2,273.0 | 0.00 | 0.00 | 0.00 | |
| 7,300.0 | 90.00 | 57.48 | 5,271.0 | 1,275.8 | 2,000.9 | 2,373.0 | 0.00 | 0.00 | 0.00 | |
| 7,400.0 | 90.00 | 57.48 | 5,271.0 | 1,329.5 | 2,085.2 | 2,473.0 | 0.00 | 0.00 | 0.00 | |
| 7,500.0 | 90.00 | 57.48 | 5,271.0 | 1,383.3 | 2,169.5 | 2,573.0 | 0.00 | 0.00 | 0.00 | |
| 7,600.0 | 90.00 | 57.48 | 5,271.0 | 1,437.1 | 2,253.8 | 2,673.0 | 0.00 | 0.00 | 0.00 | |
| 7,700.0 | 90.00 | 57.48 | 5,271.0 | 1,490.8 | 2,338.1 | 2,773.0 | 0.00 | 0.00 | 0.00 | |
| 7,800.0 | 90.00 | 57.48 | 5,271.0 | 1,544.6 | 2,422.5 | 2,873.0 | 0.00 | 0.00 | 0.00 | |
| 7,900.0 | 90.00 | 57.48 | 5,271.0 | 1,598.4 | 2,506.8 | 2,973.0 | 0.00 | 0.00 | 0.00 | |
| 8,000.0 | 90.00 | 57.48 | 5,271.0 | 1,652.1 | 2,591.1 | 3,073.0 | 0.00 | 0.00 | 0.00 | |
| 8,100.0 | 90.00 | 57.48 | 5,271.0 | 1,705.9 | 2,675.4 | 3,173.0 | 0.00 | 0.00 | 0.00 | |
| 8,200.0 | 90.00 | 57.48 | 5,271.0 | 1,759.6 | 2,759.7 | 3,273.0 | 0.00 | 0.00 | 0.00 | |
| 8,300.0 | 90.00 | 57.48 | 5,271.0 | 1,813.4 | 2,844.1 | 3,373.0 | 0.00 | 0.00 | 0.00 | |
| 8,400.0 | 90.00 | 57.48 | 5,271.0 | 1,867.2 | 2,928.4 | 3,473.0 | 0.00 | 0.00 | 0.00 | |
| 8,500.0 | 90.00 | 57.48 | 5,271.0 | 1,920.9 | 3,012.7 | 3,573.0 | 0.00 | 0.00 | 0.00 | |
| 8,600.0 | 90.00 | 57.48 | 5,271.0 | 1,974.7 | 3,097.0 | 3,673.0 | 0.00 | 0.00 | 0.00 | |
| 8,700.0 | 90.00 | 57.48 | 5,271.0 | 2,028.5 | 3,181.3 | 3,773.0 | 0.00 | 0.00 | 0.00 | |
| 8,754.2 | 90.00 | 57.48 | 5,271.0 | 2,057.6 | 3,227.0 | 3,827.2 | 0.00 | 0.00 | 0.00 | |
| "TD 7H" @ 8754' MD | | | | | | | | | | |

| Design Targets | | | | | | | | | | |
|---|---------------|--------------|------------|--------------|--------------|-----------------|----------------|------------------|------------------|--|
| Target Name - hit/miss target - Shape | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/-S (usft) | +E/-W (usft) | Northing (usft) | Easting (usft) | Latitude | Longitude | |
| Land - 7H - plan hits target center - Point | 0.00 | 0.00 | 5,271.0 | 431.6 | 676.9 | 1,243,876.04 | 2,009,940.11 | 39° 56' 55.269 N | 109° 1' 56.160 W | |
| BHL - 7H - plan hits target center - Point | 0.00 | 0.00 | 5,271.0 | 2,057.6 | 3,227.1 | 1,245,399.15 | 2,012,553.04 | 39° 57' 11.336 N | 109° 1' 23.412 W | |

| Casing Points | | | | | |
|-----------------------|-----------------------|--------|---------------------|-------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Name | Casing Diameter (") | Hole Diameter (") | |
| 500.0 | 500.0 | 9 5/8" | 9-5/8 | 12-1/4 | |
| 5,729.8 | 5,271.0 | 7" | 7 | 8-3/4 | |



| | | | |
|------------------|----------------------------------|-------------------------------------|--|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Site Sec23 T01S R104W |
| Company: | Robert L. Bayless, Producer LLC. | TVD Reference: | WELL @ 6812.0usft (Original Well Elev) |
| Project: | Rio Blanco Co., CO | MD Reference: | WELL @ 6812.0usft (Original Well Elev) |
| Site: | Sec23 T01S R104W | North Reference: | True |
| Well: | Weaver Ridge 23-7H | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #3 | | |

| Formations | | | | | |
|-----------------------|-----------------------|--------------|-----------|---------|-------------------|
| Measured Depth (usft) | Vertical Depth (usft) | Name | Lithology | Dip (°) | Dip Direction (°) |
| 12.0 | 12.0 | Green River | | 0.00 | |
| 1,980.0 | 1,980.0 | Wasatch | | 0.00 | |
| 2,397.0 | 2,397.0 | Mesaverde | | 0.00 | |
| 3,488.0 | 3,488.0 | Upper Sego | | 0.00 | |
| 3,692.0 | 3,692.0 | Lower Sego | | 0.00 | |
| 3,761.0 | 3,761.0 | Buck Tongue | | 0.00 | |
| 3,986.0 | 3,986.0 | Castlegate | | 0.00 | |
| 4,116.0 | 4,116.0 | Mancos | | 0.00 | |
| 4,919.8 | 4,897.0 | Mancos A | | 0.00 | |
| 5,264.7 | 5,130.0 | Mancos B | | 0.00 | |
| 5,547.8 | 5,248.0 | MnB Basal SS | | 0.00 | |
| 5,729.8 | 5,271.0 | Target | | 0.00 | |

| Plan Annotations | | | | |
|-----------------------|-----------------------|-------------------|--------------|-------------------------------------|
| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates | | Comment |
| | | +N/-S (usft) | +E/-W (usft) | |
| 4,504.8 | 4,504.8 | 0.0 | 0.0 | KOP 8°/100' @ 4504' MD |
| 5,254.8 | 5,125.0 | 192.5 | 301.9 | Hold 60° Tangent @ 5254' - 5354' MD |
| 5,354.8 | 5,175.0 | 239.1 | 375.0 | Build 8°/100' @ 5354' MD |
| 5,729.8 | 5,271.0 | 431.6 | 676.9 | "Land 7H" 90° @ 5729' MD |
| 8,754.2 | 5,271.0 | 2,057.6 | 3,227.0 | "TD 7H" @ 8754' MD |