

OXY USA RMAT

Garfield County, CO NAD27

Cascade Creek 697-15-01 Pad

CC 697-10-59 - Slot F

OH

Design: OH

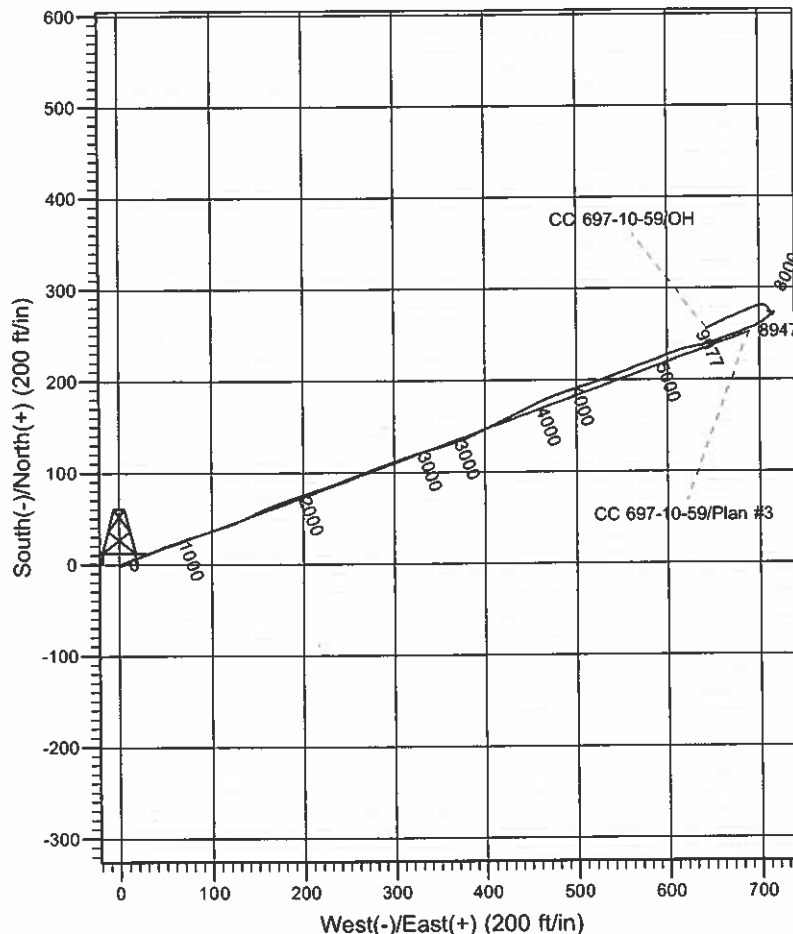
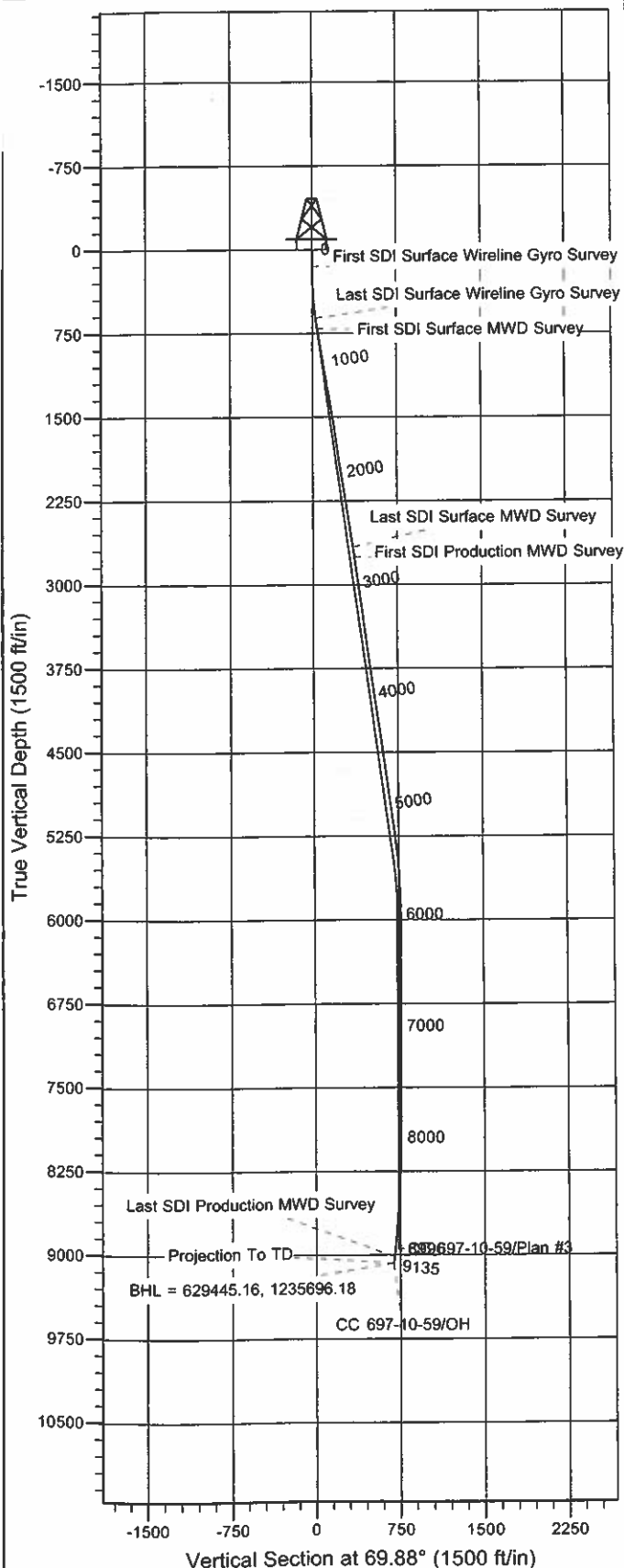
Standard Survey Report

22 November, 2010



Scientific Drilling
Rocky Mountain Operations

Company: OXY USA RMT
Project: Garfield County, CO NAD27
Site: Cascade Creek 697-15-01 Pad
Well: CC 697-10-59
Wellbore: OH
Design: OH



Well Details: CC 697-10-59

| +N/-S | +E/-W | TVD Reference: GL 8348' & RKB 30' @ 8378.00ft | Ground Level: 8348.00 | Slot |
|-----------|------------|---|-----------------------|------|
| 0.00 | 0.00 | North | Longitude | F |
| 629208.94 | 1235046.86 | 39° 31' 46.719 N | 108° 12' 44.286 W | |

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well CC 697-10-59 - Slot F, True North
Vertical (TVD) Reference: GL 8348' & RKB 30' @ 8378.00ft
Section (VS) Reference: Slot - F(0.00N, 0.00E)
Measured Depth Reference: GL 8348' & RKB 30' @ 8378.00ft
Calculation Method: Minimum Curvature

PROJECT DETAILS: Garfield County, CO NAD27

Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: Colorado Central 502

System Datum: Mean Sea Level

Plan: OH

8:50, November 22 2010
Created By: Rex Hall

Scientific Drilling International

Survey Report

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|------------------|-----------------------------|-------------------------------------|--------------------------------|
| Company: | OXY USA RMAT | Local Co-ordinate Reference: | Well CC 697-10-59 - Slot F |
| Project: | Garfield County, CO NAD27 | TVD Reference: | GL 8348' & RKB 30' @ 8378.00ft |
| Site: | Cascade Creek 697-15-01 Pad | MD Reference: | GL 8348' & RKB 30' @ 8378.00ft |
| Well: | CC 697-10-59 | North Reference: | True |
| Wellbore: | OH | Survey Calculation Method: | Minimum Curvature |
| Design: | OH | Database: | Rockies-R5000.1 |

| | | | |
|--------------------|--------------------------------------|----------------------|----------------|
| Project | Garfield County, CO NAD27 | | |
| Map System: | US State Plane 1927 (Exact solution) | System Datum: | Mean Sea Level |
| Geo Datum: | NAD 1927 (NADCON CONUS) | | |
| Map Zone: | Colorado Central 502 | | |

| | | | | | |
|-----------------------|---------|--|-------------------|-------------------|-------------------|
| Site | | Cascade Creek 697-15-01 Pad, Sec 15 T6S R97W | | | |
| Site Position: | | Northing: | 629,156.97 usft | Latitude: | 39° 31' 46.180 N |
| From: | Map | Easting: | 1,234,961.93 usft | Longitude: | 108° 12' 45.350 W |
| Position Uncertainty: | 0.00 ft | Slot Radius: | 13.200 in | Grid Convergence: | -1.71 ° |

| | | | | | | |
|----------------------|--|---------------------|-----------|-------------------|-------------|-------------------|
| Well | CC 697-10-59 - Slot F, 240' FNL 675' FWL | | | | | |
| Well Position | +N/-S | 0.00 ft | Northing: | 629,208.94 usft | Latitude: | 39° 31' 46.719 N |
| | +E/-W | 0.00 ft | Easting: | 1,235,046.86 usft | Longitude: | 108° 12' 44.286 W |
| Position Uncertainty | 0.00 ft | Wellhead Elevation: | ft | Ground Level: | 8,348.00 ft | |

| | |
|-----------------|----|
| Wellbore | OH |
|-----------------|----|

| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
|-----------|-------------|-------------|-----------------|---------------|---------------------|
| | IGRF2005-10 | 9/17/2010 | 10.52 | 65.76 | 52,326 |

| | |
|---------------|----|
| Design | OH |
|---------------|----|

| | | | | | |
|--------------|-----|--------|--------|---------------|------|
| Audit Notes: | | | | | |
| Version: | 1.0 | Phase: | ACTUAL | Tie On Depth: | 0.00 |

| Vertical Section: | Depth From (TVD) (ft) | +N/-S (ft) | +E/-W (ft) | Direction (°) |
|-------------------|--------------------------|---------------|---------------|------------------|
| | 0.00 | 0.00 | 0.00 | 69.88 |

| Survey Program | | Date | 11/22/2010 | | |
|----------------|------------|--|---------------------|------------------------------------|--|
| From (ft) | To (ft) | Survey (Wellbore) | Tool Name | Description | |
| 157.00 | 618.00 | Survey #1 - Surface Wireline Gyro (OH) | Standard Keeper 103 | Standard Wireline Keeper ver 1.0.3 | |
| 712.00 | 2,695.00 | Survey #2 - Surface MWD (OH) | MWD-SDI | MWD - Standard ISCWSA | |
| 2,789.00 | 9,135.00 | Survey #3 - Production MWD (OH) | MWD-SDI | MWD - Standard ISCWSA | |

| 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 |
| | 157.00 | 0.70 | 131.21 | 157.00 | -0.63 | 0.72 | 0.46 | 0.45 | 0.45 | 0.00 |
| First SDI Surface Wireline Gyro Survey | | | | | | | | | | |
| | 249.00 | 1.13 | 98.02 | 248.98 | -1.13 | 2.04 | 1.53 | 0.72 | 0.47 | -36.08 |
| | 342.00 | 1.79 | 64.07 | 341.96 | -0.62 | 4.26 | 3.78 | 1.14 | 0.71 | -36.51 |
| | 434.00 | 3.95 | 56.91 | 433.84 | 1.74 | 8.20 | 8.30 | 2.38 | 2.35 | -7.78 |
| | 526.00 | 6.68 | 64.23 | 525.43 | 5.79 | 15.68 | 16.72 | 3.05 | 2.97 | 7.96 |
| | 618.00 | 8.62 | 70.73 | 616.61 | 10.40 | 27.01 | 28.94 | 2.31 | 2.11 | 7.07 |

Scientific Drilling International

Survey Report

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|------------------|-----------------------------|-------------------------------------|--------------------------------|
| Company: | OXY USA RMAT | Local Co-ordinate Reference: | Well CC 697-10-59 - Slot F |
| Project: | Garfield County, CO NAD27 | TVD Reference: | GL 8348' & RKB 30' @ 8378.00ft |
| Site: | Cascade Creek 697-15-01 Pad | MD Reference: | GL 8348' & RKB 30' @ 8378.00ft |
| Well: | CC 697-10-59 | North Reference: | True |
| Wellbore: | OH | Survey Calculation Method: | Minimum Curvature |
| Design: | OH | Database: | Rockies-R5000.1 |

| 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) |
|--|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| Last SDI Surface Wireline Gyro Survey | | | | | | | | | |
| 712.00 | 9.76 | 67.92 | 709.40 | 15.72 | 41.04 | 43.94 | 1.30 | 1.21 | -2.99 |
| First SDI Surface MWD Survey | | | | | | | | | |
| 804.00 | 9.67 | 68.44 | 800.08 | 21.49 | 55.45 | 59.46 | 0.14 | -0.10 | 0.57 |
| 899.00 | 9.23 | 72.05 | 893.79 | 26.77 | 70.12 | 75.05 | 0.78 | -0.46 | 3.80 |
| 993.00 | 9.58 | 72.84 | 986.53 | 31.40 | 84.77 | 90.40 | 0.40 | 0.37 | 0.84 |
| 1,088.00 | 9.94 | 71.78 | 1,080.16 | 36.29 | 100.11 | 106.48 | 0.42 | 0.38 | -1.12 |
| 1,182.00 | 10.38 | 71.43 | 1,172.68 | 41.53 | 115.84 | 123.06 | 0.47 | 0.47 | -0.37 |
| 1,277.00 | 9.58 | 66.25 | 1,266.25 | 47.44 | 131.19 | 139.50 | 1.26 | -0.84 | -5.45 |
| 1,372.00 | 9.67 | 62.73 | 1,359.91 | 54.28 | 145.52 | 155.31 | 0.63 | 0.09 | -3.71 |
| 1,466.00 | 9.41 | 67.83 | 1,452.61 | 60.79 | 159.65 | 170.82 | 0.94 | -0.28 | 5.43 |
| 1,561.00 | 8.71 | 69.67 | 1,546.43 | 66.22 | 173.59 | 185.78 | 0.80 | -0.74 | 1.94 |
| 1,656.00 | 8.00 | 69.94 | 1,639.43 | 70.94 | 186.41 | 199.44 | 0.76 | -0.76 | 0.29 |
| 1,750.00 | 7.56 | 72.84 | 1,733.55 | 75.05 | 198.59 | 212.29 | 0.62 | -0.46 | 3.05 |
| 1,844.00 | 8.18 | 70.99 | 1,826.67 | 79.05 | 210.82 | 225.15 | 0.71 | 0.66 | -1.97 |
| 1,939.00 | 8.18 | 73.81 | 1,920.70 | 83.14 | 223.70 | 238.65 | 0.42 | 0.00 | 2.97 |
| 2,033.00 | 9.15 | 67.48 | 2,013.63 | 87.87 | 237.03 | 252.79 | 1.45 | 1.03 | -6.73 |
| 2,128.00 | 9.32 | 69.06 | 2,107.40 | 93.51 | 251.19 | 268.03 | 0.32 | 0.18 | 1.66 |
| 2,222.00 | 9.32 | 71.08 | 2,200.16 | 98.70 | 265.50 | 283.25 | 0.35 | 0.00 | 2.15 |
| 2,317.00 | 9.41 | 68.88 | 2,293.89 | 103.99 | 280.02 | 298.70 | 0.39 | 0.09 | -2.32 |
| 2,411.00 | 9.32 | 69.85 | 2,386.64 | 109.38 | 294.34 | 314.00 | 0.19 | -0.10 | 1.03 |
| 2,506.00 | 8.97 | 71.17 | 2,480.43 | 114.42 | 308.57 | 329.10 | 0.43 | -0.37 | 1.39 |
| 2,600.00 | 8.97 | 72.14 | 2,573.28 | 119.03 | 322.48 | 343.74 | 0.16 | 0.00 | 1.03 |
| 2,695.00 | 8.71 | 75.04 | 2,667.15 | 123.16 | 336.48 | 358.31 | 0.54 | -0.27 | 3.05 |
| Last SDI Surface MWD Survey | | | | | | | | | |
| 2,789.00 | 7.90 | 72.89 | 2,760.17 | 126.90 | 349.53 | 371.85 | 0.92 | -0.86 | -2.29 |
| First SDI Production MWD Survey | | | | | | | | | |
| 2,883.00 | 7.38 | 71.49 | 2,853.33 | 130.72 | 361.43 | 384.33 | 0.59 | -0.55 | -1.49 |
| 2,977.00 | 6.79 | 72.95 | 2,946.61 | 134.26 | 372.46 | 395.92 | 0.66 | -0.63 | 1.55 |
| 3,072.00 | 6.77 | 64.74 | 3,040.95 | 138.30 | 382.90 | 407.10 | 1.02 | -0.02 | -8.64 |
| 3,167.00 | 8.53 | 64.39 | 3,135.10 | 143.74 | 394.31 | 419.69 | 1.85 | 1.85 | -0.37 |
| 3,261.00 | 8.35 | 65.01 | 3,228.08 | 149.63 | 406.79 | 433.43 | 0.21 | -0.19 | 0.66 |
| 3,355.00 | 8.09 | 64.13 | 3,321.12 | 155.40 | 418.93 | 446.82 | 0.31 | -0.28 | -0.94 |
| 3,450.00 | 8.27 | 62.19 | 3,415.15 | 161.51 | 430.98 | 460.24 | 0.35 | 0.19 | -2.04 |
| 3,544.00 | 7.47 | 63.42 | 3,508.27 | 167.39 | 442.43 | 473.01 | 0.87 | -0.85 | 1.31 |
| 3,639.00 | 8.09 | 64.74 | 3,602.39 | 173.01 | 454.00 | 485.80 | 0.68 | 0.65 | 1.39 |
| 3,733.00 | 7.65 | 64.30 | 3,695.51 | 178.55 | 465.62 | 498.62 | 0.47 | -0.47 | -0.47 |
| 3,828.00 | 8.27 | 70.98 | 3,789.59 | 183.51 | 477.77 | 511.74 | 1.17 | 0.65 | 7.03 |
| 3,922.00 | 8.53 | 70.72 | 3,882.58 | 188.02 | 490.74 | 525.47 | 0.28 | 0.28 | -0.28 |
| 4,017.00 | 8.44 | 71.51 | 3,976.54 | 192.56 | 504.01 | 539.49 | 0.16 | -0.09 | 0.83 |
| 4,111.00 | 8.44 | 72.48 | 4,069.53 | 196.82 | 517.13 | 553.27 | 0.15 | 0.00 | 1.03 |
| 4,206.00 | 8.18 | 72.04 | 4,163.53 | 201.00 | 530.20 | 566.99 | 0.28 | -0.27 | -0.46 |
| 4,301.00 | 9.23 | 67.47 | 4,257.43 | 206.01 | 543.67 | 581.36 | 1.32 | 1.11 | -4.81 |
| 4,395.00 | 8.88 | 67.91 | 4,350.26 | 211.62 | 557.36 | 596.14 | 0.38 | -0.37 | 0.47 |

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Survey Report

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| Site: | Cascade Creek 697-15-01 Pad | MD Reference: | GL 8348' & RKB 30' @ 8378.00ft |
| Well: | CC 697-10-59 | North Reference: | True |
| Wellbore: | OH | Survey Calculation Method: | Minimum Curvature |
| Design: | OH | Database: | Rockies-R5000.1 |

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) |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| 4,490.00 | 8.62 | 70.89 | 4,444.16 | 216.71 | 570.88 | 610.59 | 0.55 | -0.27 | 3.14 |
| 4,584.00 | 8.00 | 70.45 | 4,537.17 | 221.21 | 583.70 | 624.17 | 0.66 | -0.66 | -0.47 |
| 4,679.00 | 7.65 | 69.31 | 4,631.29 | 225.65 | 595.84 | 637.10 | 0.40 | -0.37 | -1.20 |
| 4,773.00 | 7.83 | 68.17 | 4,724.43 | 230.25 | 607.64 | 649.76 | 0.25 | 0.19 | -1.21 |
| 4,868.00 | 7.65 | 76.08 | 4,818.57 | 234.17 | 619.79 | 662.52 | 1.14 | -0.19 | 8.33 |
| 4,962.00 | 7.39 | 82.41 | 4,911.76 | 236.48 | 631.85 | 674.64 | 0.92 | -0.28 | 6.73 |
| 5,057.00 | 7.03 | 73.27 | 5,006.01 | 238.96 | 643.48 | 686.41 | 1.26 | -0.38 | -9.62 |
| 5,149.00 | 8.62 | 69.14 | 5,097.15 | 243.03 | 655.31 | 698.92 | 1.83 | 1.73 | -4.49 |
| 5,244.00 | 8.00 | 70.01 | 5,191.15 | 247.83 | 668.18 | 712.65 | 0.67 | -0.65 | 0.92 |
| 5,338.00 | 7.47 | 68.96 | 5,284.30 | 252.26 | 680.03 | 725.30 | 0.58 | -0.56 | -1.12 |
| 5,433.00 | 6.33 | 67.64 | 5,378.61 | 256.47 | 690.63 | 736.71 | 1.21 | -1.20 | -1.39 |
| 5,528.00 | 4.57 | 60.43 | 5,473.18 | 260.33 | 698.77 | 745.68 | 1.98 | -1.85 | -7.59 |
| 5,622.00 | 4.57 | 55.25 | 5,566.88 | 264.31 | 705.10 | 752.99 | 0.44 | 0.00 | -5.51 |
| 5,716.00 | 2.73 | 52.52 | 5,660.68 | 267.81 | 709.96 | 758.75 | 1.97 | -1.96 | -2.90 |
| 5,811.00 | 2.37 | 58.06 | 5,755.59 | 270.22 | 713.42 | 762.84 | 0.46 | -0.38 | 5.83 |
| 5,905.00 | 1.67 | 52.44 | 5,849.53 | 272.09 | 716.15 | 766.05 | 0.77 | -0.74 | -5.98 |
| 6,000.00 | 0.26 | 304.16 | 5,944.52 | 273.05 | 717.07 | 767.24 | 1.86 | -1.48 | -113.98 |
| 6,095.00 | 0.26 | 223.65 | 6,039.52 | 273.02 | 716.75 | 766.92 | 0.35 | 0.00 | -84.75 |
| 6,189.00 | 0.53 | 225.85 | 6,133.51 | 272.56 | 716.29 | 766.33 | 0.29 | 0.29 | 2.34 |
| 6,284.00 | 0.44 | 199.21 | 6,228.51 | 271.91 | 715.85 | 765.70 | 0.25 | -0.09 | -28.04 |
| 6,378.00 | 0.26 | 189.55 | 6,322.51 | 271.36 | 715.70 | 765.37 | 0.20 | -0.19 | -10.28 |
| 6,473.00 | 0.53 | 224.97 | 6,417.51 | 270.83 | 715.35 | 764.86 | 0.37 | 0.28 | 37.28 |
| 6,567.00 | 0.26 | 351.62 | 6,511.51 | 270.74 | 715.01 | 764.51 | 0.76 | -0.29 | 134.73 |
| 6,662.00 | 0.35 | 299.50 | 6,606.50 | 271.09 | 714.73 | 764.37 | 0.29 | 0.09 | -54.86 |
| 6,756.00 | 0.70 | 226.55 | 6,700.50 | 270.84 | 714.06 | 763.65 | 0.73 | 0.37 | -77.61 |
| 6,851.00 | 0.53 | 284.38 | 6,795.50 | 270.55 | 713.22 | 762.76 | 0.65 | -0.18 | 60.87 |
| 6,945.00 | 0.88 | 11.57 | 6,889.49 | 271.37 | 712.94 | 762.78 | 1.07 | 0.37 | 92.76 |
| 7,040.00 | 0.79 | 9.28 | 6,984.48 | 272.73 | 713.19 | 763.48 | 0.10 | -0.09 | -2.41 |
| 7,135.00 | 0.44 | 12.18 | 7,079.48 | 273.73 | 713.37 | 764.00 | 0.37 | -0.37 | 3.05 |
| 7,229.00 | 0.53 | 298.71 | 7,173.47 | 274.29 | 713.07 | 763.91 | 0.62 | 0.10 | -78.16 |
| 7,324.00 | 0.62 | 266.01 | 7,268.47 | 274.47 | 712.17 | 763.12 | 0.35 | 0.09 | -34.42 |
| 7,418.00 | 0.88 | 244.83 | 7,362.46 | 274.12 | 711.01 | 761.92 | 0.40 | 0.28 | -22.53 |
| 7,513.00 | 0.97 | 257.31 | 7,457.45 | 273.64 | 709.57 | 760.39 | 0.23 | 0.09 | 13.14 |
| 7,607.00 | 1.06 | 60.08 | 7,551.44 | 273.90 | 709.54 | 760.46 | 2.14 | 0.10 | 173.16 |
| 7,702.00 | 0.88 | 12.18 | 7,646.43 | 275.05 | 710.46 | 761.71 | 0.85 | -0.19 | -50.42 |
| 7,796.00 | 1.06 | 341.60 | 7,740.42 | 276.58 | 710.34 | 762.13 | 0.57 | 0.19 | -32.53 |
| 7,891.00 | 1.06 | 323.14 | 7,835.40 | 278.12 | 709.53 | 761.90 | 0.36 | 0.00 | -19.43 |
| 7,986.00 | 0.88 | 303.10 | 7,930.39 | 279.22 | 708.39 | 761.21 | 0.40 | -0.19 | -21.09 |
| 8,080.00 | 1.06 | 293.08 | 8,024.38 | 279.95 | 706.99 | 760.14 | 0.26 | 0.19 | -10.66 |
| 8,175.00 | 1.49 | 273.39 | 8,119.35 | 280.37 | 704.95 | 758.37 | 0.64 | 0.45 | -20.73 |
| 8,269.00 | 2.73 | 270.05 | 8,213.29 | 280.44 | 701.49 | 755.15 | 1.33 | 1.32 | -3.55 |
| 8,364.00 | 2.11 | 254.23 | 8,308.20 | 279.97 | 697.54 | 751.28 | 0.95 | -0.65 | -16.65 |
| 8,458.00 | 2.90 | 247.29 | 8,402.11 | 278.58 | 693.68 | 747.18 | 0.90 | 0.84 | -7.38 |

Scientific Drilling International

Survey Report

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| Project: | Garfield County, CO NAD27 | TVD Reference: | GL 8348' & RKB 30' @ 8378.00ft |
| Site: | Cascade Creek 697-15-01 Pad | MD Reference: | GL 8348' & RKB 30' @ 8378.00ft |
| Well: | CC 697-10-59 | North Reference: | True |
| Wellbore: | OH | Survey Calculation Method: | Minimum Curvature |
| Design: | OH | Database: | Rockies-R5000.1 |

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) |
|---|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| 8,553.00 | 3.96 | 244.92 | 8,496.94 | 276.26 | 688.50 | 741.51 | 1.13 | 1.12 | -2.49 |
| 8,647.00 | 4.40 | 248.35 | 8,590.69 | 273.56 | 682.20 | 734.67 | 0.54 | 0.47 | 3.65 |
| 8,742.00 | 4.66 | 248.61 | 8,685.39 | 270.81 | 675.22 | 727.17 | 0.27 | 0.27 | 0.27 |
| 8,837.00 | 4.92 | 245.27 | 8,780.06 | 267.69 | 667.93 | 719.25 | 0.40 | 0.27 | -3.52 |
| 8,931.00 | 5.36 | 245.62 | 8,873.68 | 264.20 | 660.27 | 710.86 | 0.47 | 0.47 | 0.37 |
| 9,025.00 | 5.89 | 243.60 | 8,967.23 | 260.24 | 651.95 | 701.68 | 0.60 | 0.56 | -2.15 |
| 9,078.00 | 5.72 | 244.92 | 9,019.96 | 257.91 | 647.12 | 696.35 | 0.41 | -0.32 | 2.49 |
| Last SDI Production MWD Survey | | | | | | | | | |
| 9,135.00 | 5.72 | 244.92 | 9,076.68 | 255.50 | 641.98 | 690.69 | 0.00 | 0.00 | 0.00 |
| Projection To TD - BHL = 629445.16, 1235696.18 | | | | | | | | | |

Design Annotations

| Measured Depth (ft) | Vertical Depth (ft) | Local Coordinates | | Comment |
|---------------------|---------------------|-------------------|------------|--|
| | | +N/-S (ft) | +E/-W (ft) | |
| 157.00 | 157.00 | -0.63 | 0.72 | First SDI Surface Wireline Gyro Survey |
| 618.00 | 616.61 | 10.40 | 27.01 | Last SDI Surface Wireline Gyro Survey |
| 712.00 | 709.40 | 15.72 | 41.04 | First SDI Surface MWD Survey |
| 2,695.00 | 2,667.15 | 123.16 | 336.48 | Last SDI Surface MWD Survey |
| 2,789.00 | 2,760.17 | 126.90 | 349.53 | First SDI Production MWD Survey |
| 9,078.00 | 9,019.96 | 257.91 | 647.12 | Last SDI Production MWD Survey |
| 9,135.00 | 9,076.68 | 255.50 | 641.98 | Projection To TD |
| 9,135.00 | 9,076.68 | 255.50 | 641.98 | BHL = 629445.16, 1235696.18 |

Checked By: _____ Approved By: _____ Date: _____