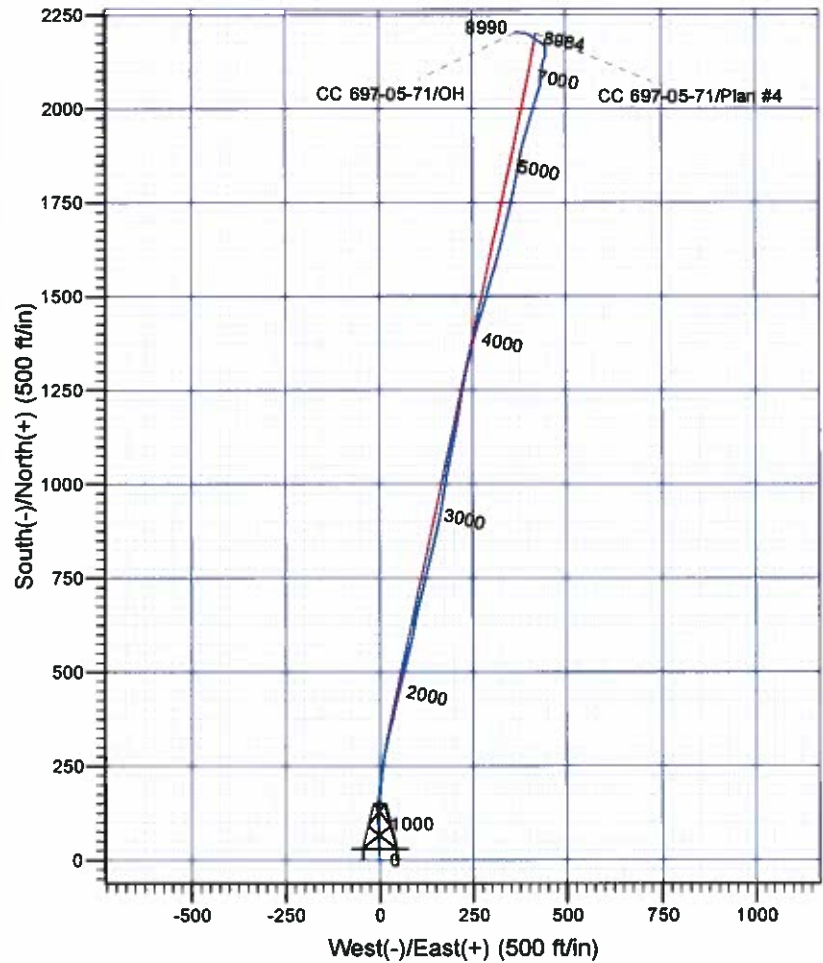
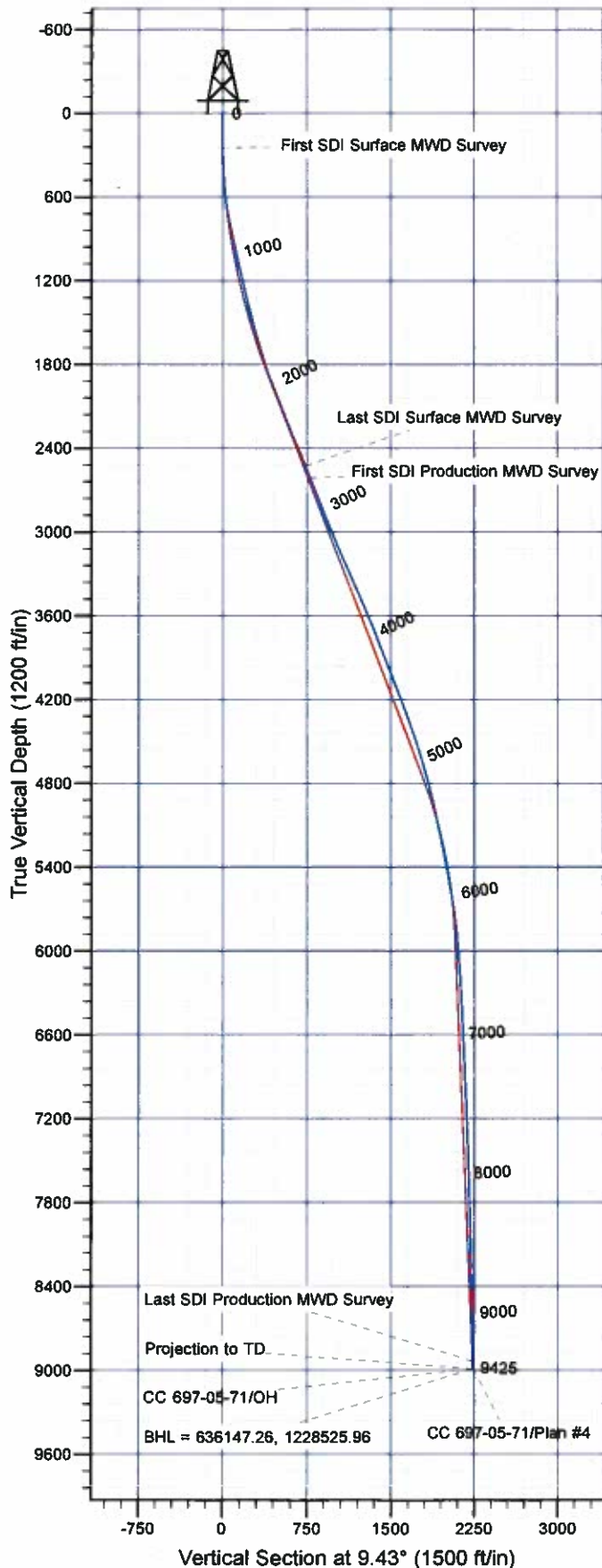




Scientific Drilling

Rocky Mountain Operations

Company: OXY USA RMAT
Project: Garfield County, CO NAD27
Site: Cascade Creek 608-41 Pad
Well: CC 697-05-71
Wellbore: OH
Design: OH



Well Details: CC 697-05-71

| +N/-S | +E/-W | Northings | Eastings | Latitude | Longitude | Slot |
|-------|-------|-----------|------------|------------------|-------------------|------|
| 0.00 | 0.00 | 633958.81 | 1228093.95 | 39° 32' 31.563 N | 108° 14' 14.809 W | R |

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well CC 697-05-71 - Slot R, True North
Vertical (TVD) Reference: GL 8407' & RBK 30' @ 8437.00ft (H&P)
Section (VS) Reference: Slot - R(0.00N, 0.00E)
Measured Depth Reference: GL 8407' & RBK 30' @ 8437.00ft (H&P)
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

16:21, June 21 2011
Created By: Janie Cooke

OXY USA RMAT

**Garfield County, CO NAD27
Cascade Creek 608-41 Pad
CC 697-05-71 - Slot R**

OH

Design: OH

Standard Survey Report

21 June, 2011





| | | | |
|------------------|---------------------------|-------------------------------------|--------------------------------------|
| Company: | OXY USA RMAT | Local Co-ordinate Reference: | Well CC 697-05-71 - Slot R |
| Project: | Garfield County, CO NAD27 | TVD Reference: | GL 8407' & RBK 30' @ 8437.00ft (H&P) |
| Site: | Cascade Creek 608-41 Pad | MD Reference: | GL 8407' & RBK 30' @ 8437.00ft (H&P) |
| Well: | CC 697-05-71 | North Reference: | True |
| Wellbore: | OH | Survey Calculation Method: | Minimum Curvature |
| Design: | OH | Database: | Rockies Compass Server |

| | | | |
|--------------------|--------------------------------------|----------------------|----------------|
| 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 608-41 Pad, SECTION 8 T6S R97W | | | | |
| Site Position: | | Northing: | 633,966.95 usft | Latitude: | 39° 32' 31.685 N |
| From: | Map | Easting: | 1,228,168.67 usft | Longitude: | 108° 14' 13.859 W |
| Position Uncertainty: | 0.00 ft | Slot Radius: | 13.200 in | Grid Convergence: | -1.73 ° |

| | | | | | |
|-----------------------------|-----------------------|---------|----------------------------|-------------------|-------------------------------------|
| Well | CC 697-05-71 - Slot R | | | | |
| Well Position | +N/-S | 0.00 ft | Northing: | 633,956.81 usft | Latitude: 39° 32' 31.563 N |
| | +E/-W | 0.00 ft | Easting: | 1,228,093.95 usft | Longitude: 108° 14' 14.809 W |
| Position Uncertainty | | 0.00 ft | Wellhead Elevation: | ft | Ground Level: 8,407.00 ft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | OH | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF2005-10 | 12/31/2009 | 10.63 | 65.78 | 52,399 |

| | | | | | |
|--------------------------|------------------------------|-------------------|-------------------|----------------------|------|
| 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 | 9.43 | |

| | | | | | |
|-----------------------|----------------|---------------------------------|------------------|-----------------------|--|
| Survey Program | Date | 6/21/2011 | | | |
| From (ft) | To (ft) | Survey (Wellbore) | Tool Name | Description | |
| 249.00 | 2,666.00 | Survey #1 - Surface MWD (OH) | MWD-SDI | MWD - Standard ISCWSA | |
| 2,763.00 | 9,425.00 | Survey #2 - 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 | |
| 249.00 | 0.57 | 116.21 | 249.00 | -0.55 | 1.11 | -0.36 | 0.23 | 0.23 | 0.00 | |
| First SDI Surface MWD Survey | | | | | | | | | | |
| 341.00 | 1.77 | 345.68 | 340.98 | 0.63 | 1.17 | 0.81 | 2.37 | 1.30 | -141.88 | |
| 432.00 | 3.35 | 352.39 | 431.89 | 4.63 | 0.47 | 4.64 | 1.76 | 1.74 | 7.37 | |
| 524.00 | 6.33 | 355.89 | 523.55 | 12.35 | -0.25 | 12.14 | 3.25 | 3.24 | 3.80 | |
| 616.00 | 9.51 | 359.03 | 614.66 | 25.01 | -0.74 | 24.55 | 3.49 | 3.46 | 3.41 | |
| 708.00 | 13.18 | 0.13 | 704.85 | 43.10 | -0.85 | 42.38 | 4.00 | 3.99 | 1.20 | |
| 800.00 | 15.39 | 357.44 | 794.00 | 65.79 | -1.37 | 64.68 | 2.51 | 2.40 | -2.92 | |
| 892.00 | 16.50 | 356.67 | 882.46 | 91.03 | -2.67 | 89.36 | 1.23 | 1.21 | -0.84 | |



| | | | |
|------------------|---------------------------|-------------------------------------|--------------------------------------|
| Company: | OXY USA RMAT | Local Co-ordinate Reference: | Well CC 697-05-71 - Slot R |
| Project: | Garfield County, CO NAD27 | TVD Reference: | GL 8407' & RBK 30' @ 8437.00ft (H&P) |
| Site: | Cascade Creek 608-41 Pad | MD Reference: | GL 8407' & RBK 30' @ 8437.00ft (H&P) |
| Well: | CC 697-05-71 | North Reference: | True |
| Wellbore: | OH | Survey Calculation Method: | Minimum Curvature |
| Design: | OH | Database: | Rockies Compass Server |

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) |
|--|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| 984.00 | 14.50 | 356.92 | 971.11 | 115.58 | -4.05 | 113.35 | 2.18 | -2.17 | 0.27 |
| 1,079.00 | 15.04 | 0.28 | 1,062.97 | 139.78 | -4.63 | 137.13 | 1.07 | 0.57 | 3.54 |
| 1,173.00 | 15.39 | 5.38 | 1,153.68 | 164.39 | -3.40 | 161.62 | 1.47 | 0.37 | 5.43 |
| 1,268.00 | 15.48 | 7.66 | 1,245.25 | 189.51 | -0.53 | 186.86 | 0.65 | 0.09 | 2.40 |
| 1,363.00 | 17.06 | 7.40 | 1,336.45 | 215.90 | 2.96 | 213.46 | 1.66 | 1.66 | -0.27 |
| 1,457.00 | 18.73 | 8.81 | 1,425.90 | 244.49 | 7.05 | 242.34 | 1.84 | 1.78 | 1.50 |
| 1,552.00 | 19.79 | 10.74 | 1,515.58 | 275.36 | 12.38 | 273.67 | 1.30 | 1.12 | 2.03 |
| 1,646.00 | 20.05 | 12.76 | 1,603.96 | 306.71 | 18.90 | 305.66 | 0.78 | 0.28 | 2.15 |
| 1,741.00 | 19.96 | 13.29 | 1,693.22 | 338.37 | 26.23 | 338.10 | 0.21 | -0.09 | 0.56 |
| 1,836.00 | 20.93 | 13.99 | 1,782.24 | 370.62 | 34.06 | 371.19 | 1.05 | 1.02 | 0.74 |
| 1,930.00 | 24.01 | 13.38 | 1,869.09 | 405.52 | 42.54 | 407.02 | 3.29 | 3.28 | -0.65 |
| 2,025.00 | 25.85 | 12.50 | 1,955.24 | 444.55 | 51.50 | 446.98 | 1.98 | 1.94 | -0.93 |
| 2,119.00 | 26.56 | 14.69 | 2,039.58 | 484.89 | 61.26 | 488.37 | 1.28 | 0.76 | 2.33 |
| 2,214.00 | 24.80 | 13.99 | 2,125.19 | 524.77 | 71.47 | 529.39 | 1.88 | -1.85 | -0.74 |
| 2,308.00 | 25.15 | 13.46 | 2,210.40 | 563.32 | 80.88 | 568.96 | 0.44 | 0.37 | -0.56 |
| 2,403.00 | 28.31 | 12.06 | 2,295.24 | 605.00 | 90.29 | 611.62 | 3.39 | 3.33 | -1.47 |
| 2,497.00 | 29.28 | 11.62 | 2,377.62 | 649.31 | 99.58 | 656.85 | 1.06 | 1.03 | -0.47 |
| 2,592.00 | 27.96 | 13.11 | 2,461.01 | 693.76 | 109.31 | 702.29 | 1.58 | -1.39 | 1.57 |
| 2,666.00 | 25.76 | 13.38 | 2,527.02 | 726.30 | 116.97 | 735.65 | 2.98 | -2.97 | 0.36 |
| Last SDI Surface MWD Survey | | | | | | | | | |
| 2,763.00 | 25.23 | 14.85 | 2,614.57 | 766.79 | 127.14 | 777.26 | 0.85 | -0.55 | 1.52 |
| First SDI Production MWD Survey | | | | | | | | | |
| 2,858.00 | 27.00 | 13.73 | 2,699.87 | 807.31 | 137.45 | 818.93 | 1.93 | 1.86 | -1.18 |
| 2,952.00 | 27.35 | 13.38 | 2,783.50 | 849.05 | 147.51 | 861.74 | 0.41 | 0.37 | -0.37 |
| 3,047.00 | 26.82 | 11.88 | 2,868.08 | 891.25 | 156.97 | 904.93 | 0.91 | -0.56 | -1.58 |
| 3,141.00 | 27.35 | 11.00 | 2,951.77 | 933.20 | 165.46 | 947.70 | 0.71 | 0.56 | -0.94 |
| 3,236.00 | 25.76 | 8.63 | 3,036.75 | 975.04 | 172.72 | 990.16 | 2.01 | -1.67 | -2.49 |
| 3,331.00 | 27.08 | 9.86 | 3,121.82 | 1,016.75 | 179.52 | 1,032.43 | 1.50 | 1.39 | 1.29 |
| 3,425.00 | 30.16 | 11.71 | 3,204.33 | 1,060.97 | 187.98 | 1,077.43 | 3.41 | 3.28 | 1.97 |
| 3,520.00 | 29.19 | 11.09 | 3,286.87 | 1,107.07 | 197.28 | 1,124.43 | 1.07 | -1.02 | -0.65 |
| 3,614.00 | 29.02 | 10.74 | 3,369.00 | 1,151.96 | 205.94 | 1,170.14 | 0.26 | -0.18 | -0.37 |
| 3,709.00 | 28.75 | 10.04 | 3,452.18 | 1,197.10 | 214.22 | 1,216.02 | 0.46 | -0.28 | -0.74 |
| 3,803.00 | 27.52 | 8.54 | 3,535.08 | 1,240.84 | 221.38 | 1,260.34 | 1.51 | -1.31 | -1.60 |
| 3,897.00 | 27.61 | 11.97 | 3,618.41 | 1,283.63 | 229.13 | 1,303.82 | 1.69 | 0.10 | 3.65 |
| 3,991.00 | 26.91 | 13.29 | 3,701.97 | 1,325.64 | 238.53 | 1,346.81 | 0.98 | -0.74 | 1.40 |
| 4,087.00 | 25.76 | 13.11 | 3,788.01 | 1,367.10 | 248.26 | 1,389.30 | 1.20 | -1.20 | -0.19 |
| 4,181.00 | 26.64 | 16.63 | 3,872.35 | 1,407.19 | 258.93 | 1,430.60 | 1.90 | 0.94 | 3.74 |
| 4,276.00 | 26.38 | 16.98 | 3,957.36 | 1,447.78 | 271.18 | 1,472.65 | 0.32 | -0.27 | 0.37 |
| 4,370.00 | 26.20 | 16.72 | 4,041.64 | 1,487.63 | 283.25 | 1,513.93 | 0.23 | -0.19 | -0.28 |
| 4,465.00 | 26.20 | 16.01 | 4,126.88 | 1,527.87 | 295.07 | 1,555.57 | 0.33 | 0.00 | -0.75 |
| 4,559.00 | 25.94 | 16.01 | 4,211.32 | 1,567.58 | 306.46 | 1,596.61 | 0.28 | -0.28 | 0.00 |
| 4,654.00 | 24.97 | 15.31 | 4,297.09 | 1,606.89 | 317.49 | 1,637.20 | 1.07 | -1.02 | -0.74 |
| 4,749.00 | 23.39 | 14.52 | 4,383.76 | 1,644.49 | 327.51 | 1,675.93 | 1.70 | -1.66 | -0.83 |



| | | | |
|------------------|---------------------------|-------------------------------------|--------------------------------------|
| Company: | OXY USA RMAT | Local Co-ordinate Reference: | Well CC 697-05-71 - Slot R |
| Project: | Garfield County, CO NAD27 | TVD Reference: | GL 8407' & RBK 30' @ 8437.00ft (H&P) |
| Site: | Cascade Creek 608-41 Pad | MD Reference: | GL 8407' & RBK 30' @ 8437.00ft (H&P) |
| Well: | CC 697-05-71 | North Reference: | True |
| Wellbore: | OH | Survey Calculation Method: | Minimum Curvature |
| Design: | OH | Database: | Rockies Compass Server |

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) |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| 4,843.00 | 21.90 | 13.82 | 4,470.51 | 1,679.58 | 336.38 | 1,711.99 | 1.61 | -1.59 | -0.74 |
| 4,937.00 | 22.42 | 13.46 | 4,557.56 | 1,714.03 | 344.74 | 1,747.35 | 0.57 | 0.55 | -0.38 |
| 5,032.00 | 21.10 | 13.29 | 4,645.79 | 1,748.30 | 352.89 | 1,782.49 | 1.39 | -1.39 | -0.18 |
| 5,126.00 | 19.43 | 10.74 | 4,733.97 | 1,780.13 | 359.69 | 1,815.00 | 2.01 | -1.78 | -2.71 |
| 5,221.00 | 18.11 | 11.97 | 4,823.92 | 1,810.10 | 365.70 | 1,845.55 | 1.45 | -1.39 | 1.29 |
| 5,315.00 | 16.71 | 10.04 | 4,913.61 | 1,837.70 | 371.08 | 1,873.66 | 1.61 | -1.49 | -2.05 |
| 5,410.00 | 15.21 | 9.95 | 5,004.95 | 1,863.42 | 375.62 | 1,899.78 | 1.58 | -1.58 | -0.09 |
| 5,504.00 | 14.95 | 13.55 | 5,095.71 | 1,887.35 | 380.59 | 1,924.21 | 1.03 | -0.28 | 3.83 |
| 5,599.00 | 14.68 | 15.84 | 5,187.55 | 1,910.85 | 386.75 | 1,948.39 | 0.68 | -0.28 | 2.41 |
| 5,694.00 | 14.95 | 15.13 | 5,279.40 | 1,934.26 | 393.23 | 1,972.55 | 0.34 | 0.28 | -0.75 |
| 5,788.00 | 13.45 | 16.19 | 5,370.52 | 1,956.46 | 399.44 | 1,995.47 | 1.62 | -1.60 | 1.13 |
| 5,883.00 | 12.84 | 17.33 | 5,463.03 | 1,977.15 | 405.67 | 2,016.90 | 0.70 | -0.64 | 1.20 |
| 5,977.00 | 12.57 | 18.21 | 5,554.73 | 1,996.84 | 411.98 | 2,037.35 | 0.35 | -0.29 | 0.94 |
| 6,072.00 | 11.43 | 16.10 | 5,647.65 | 2,015.70 | 417.82 | 2,056.92 | 1.29 | -1.20 | -2.22 |
| 6,166.00 | 9.41 | 18.47 | 5,740.10 | 2,031.94 | 422.84 | 2,073.76 | 2.20 | -2.15 | 2.52 |
| 6,261.00 | 8.79 | 18.21 | 5,833.90 | 2,046.20 | 427.56 | 2,088.60 | 0.65 | -0.65 | -0.27 |
| 6,355.00 | 6.86 | 13.90 | 5,927.02 | 2,058.47 | 431.16 | 2,101.30 | 2.14 | -2.05 | -4.59 |
| 6,450.00 | 4.75 | 6.26 | 6,021.53 | 2,067.89 | 432.95 | 2,110.88 | 2.36 | -2.22 | -8.04 |
| 6,544.00 | 4.22 | 4.94 | 6,115.24 | 2,075.21 | 433.67 | 2,118.22 | 0.57 | -0.56 | -1.40 |
| 6,639.00 | 4.13 | 357.20 | 6,209.99 | 2,082.11 | 433.81 | 2,125.05 | 0.60 | -0.09 | -8.15 |
| 6,733.00 | 3.69 | 357.56 | 6,303.77 | 2,088.51 | 433.51 | 2,131.31 | 0.47 | -0.47 | 0.38 |
| 6,828.00 | 4.04 | 12.94 | 6,398.56 | 2,094.83 | 434.13 | 2,137.65 | 1.15 | 0.37 | 16.19 |
| 6,922.00 | 4.31 | 11.71 | 6,492.31 | 2,101.51 | 435.59 | 2,144.48 | 0.30 | 0.29 | -1.31 |
| 7,017.00 | 3.43 | 15.22 | 6,587.09 | 2,107.75 | 437.06 | 2,150.88 | 0.96 | -0.93 | 3.69 |
| 7,111.00 | 3.25 | 10.39 | 6,680.93 | 2,113.08 | 438.28 | 2,156.34 | 0.36 | -0.19 | -5.14 |
| 7,206.00 | 3.08 | 1.07 | 6,775.79 | 2,118.28 | 438.81 | 2,161.55 | 0.57 | -0.18 | -9.81 |
| 7,300.00 | 2.81 | 12.45 | 6,869.67 | 2,123.06 | 439.36 | 2,166.35 | 0.68 | -0.29 | 12.11 |
| 7,395.00 | 3.43 | 26.56 | 6,964.53 | 2,127.87 | 441.13 | 2,171.40 | 1.03 | 0.65 | 14.85 |
| 7,489.00 | 2.99 | 23.48 | 7,058.38 | 2,132.64 | 443.36 | 2,176.46 | 0.50 | -0.47 | -3.28 |
| 7,584.00 | 2.46 | 19.53 | 7,153.27 | 2,136.83 | 445.03 | 2,180.87 | 0.59 | -0.56 | -4.16 |
| 7,678.00 | 2.55 | 8.28 | 7,247.18 | 2,140.80 | 446.01 | 2,184.95 | 0.53 | 0.10 | -11.97 |
| 7,773.00 | 2.99 | 4.06 | 7,342.07 | 2,145.37 | 446.49 | 2,189.53 | 0.51 | 0.46 | -4.44 |
| 7,867.00 | 2.46 | 348.50 | 7,435.96 | 2,149.79 | 446.26 | 2,193.85 | 0.96 | -0.56 | -16.55 |
| 7,962.00 | 2.64 | 358.87 | 7,530.87 | 2,153.97 | 445.81 | 2,197.91 | 0.52 | 0.19 | 10.92 |
| 8,056.00 | 2.90 | 1.77 | 7,624.76 | 2,158.51 | 445.84 | 2,202.39 | 0.31 | 0.28 | 3.09 |
| 8,151.00 | 2.37 | 349.47 | 7,719.66 | 2,162.85 | 445.55 | 2,206.62 | 0.81 | -0.56 | -12.95 |
| 8,245.00 | 2.55 | 324.07 | 7,813.58 | 2,166.45 | 443.97 | 2,209.92 | 1.17 | 0.19 | -27.02 |
| 8,340.00 | 2.81 | 318.44 | 7,908.47 | 2,169.91 | 441.19 | 2,212.87 | 0.39 | 0.27 | -5.93 |
| 8,434.00 | 3.69 | 303.50 | 8,002.32 | 2,173.30 | 437.14 | 2,215.55 | 1.29 | 0.94 | -15.89 |
| 8,528.00 | 4.22 | 305.96 | 8,096.10 | 2,177.00 | 431.81 | 2,218.33 | 0.59 | 0.56 | 2.62 |
| 8,623.00 | 4.13 | 304.91 | 8,190.85 | 2,181.01 | 426.18 | 2,221.36 | 0.12 | -0.09 | -1.11 |
| 8,717.00 | 3.69 | 304.82 | 8,284.63 | 2,184.67 | 420.92 | 2,224.12 | 0.47 | -0.47 | -0.10 |
| 8,811.00 | 3.69 | 302.01 | 8,378.43 | 2,188.01 | 415.87 | 2,226.58 | 0.19 | 0.00 | -2.99 |
| 8,906.00 | 4.40 | 305.79 | 8,473.20 | 2,191.76 | 410.32 | 2,229.37 | 0.80 | 0.75 | 3.98 |



| | | | |
|------------------|---------------------------|-------------------------------------|--------------------------------------|
| Company: | OXY USA RMAT | Local Co-ordinate Reference: | Well CC 697-05-71 - Slot R |
| Project: | Garfield County, CO NAD27 | TVD Reference: | GL 8407' & RBK 30' @ 8437.00ft (H&P) |
| Site: | Cascade Creek 608-41 Pad | MD Reference: | GL 8407' & RBK 30' @ 8437.00ft (H&P) |
| Well: | CC 697-05-71 | North Reference: | True |
| Wellbore: | OH | Survey Calculation Method: | Minimum Curvature |
| Design: | OH | Database: | Rockies Compass Server |

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) |
|--|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| 9,001.00 | 4.66 | 297.70 | 8,567.90 | 2,195.68 | 403.95 | 2,232.20 | 0.73 | 0.27 | -8.52 |
| 9,095.00 | 4.66 | 288.39 | 8,661.59 | 2,198.66 | 396.95 | 2,233.99 | 0.80 | 0.00 | -9.90 |
| 9,190.00 | 5.28 | 282.67 | 8,756.23 | 2,200.84 | 389.02 | 2,234.83 | 0.83 | 0.65 | -6.02 |
| 9,284.00 | 5.80 | 273.09 | 8,849.80 | 2,202.04 | 380.06 | 2,234.55 | 1.13 | 0.55 | -10.19 |
| 9,371.00 | 5.80 | 271.16 | 8,936.35 | 2,202.37 | 371.27 | 2,233.44 | 0.22 | 0.00 | -2.22 |
| Last SDI Production MWD Survey | | | | | | | | | |
| 9,425.00 | 5.80 | 271.16 | 8,990.07 | 2,202.48 | 365.82 | 2,232.65 | 0.00 | 0.00 | 0.00 |
| Projection to TD - BHL = 636147.26, 1228525.96 | | | | | | | | | |

Design Annotations

| Measured Depth (ft) | Vertical Depth (ft) | Local Coordinates | | Comment |
|---------------------|---------------------|-------------------|------------|---------------------------------|
| | | +N/-S (ft) | +E/-W (ft) | |
| 249.00 | 249.00 | -0.55 | 1.11 | First SDI Surface MWD Survey |
| 2,666.00 | 2,527.02 | 726.30 | 116.97 | Last SDI Surface MWD Survey |
| 2,763.00 | 2,614.57 | 766.79 | 127.14 | First SDI Production MWD Survey |
| 9,371.00 | 8,936.35 | 2,202.37 | 371.27 | Last SDI Production MWD Survey |
| 9,425.00 | 8,990.07 | 2,202.48 | 365.82 | Projection to TD |
| 9,425.00 | 8,990.07 | 2,202.48 | 365.82 | BHL = 636147.26, 1228525.96 |

Checked By: _____ Approved By: _____ Date: _____