

Koch Exploration Co. LLC

Rio Blanco County, CO NAD83

Wyatt

AHU Wyatt 25-33D-2

OH

Plan: Plan #1

Standard Planning Report

19 March, 2015



| | | | |
|------------------|-----------------------------|-------------------------------------|--------------------------------|
| Database: | Grand Junction District | Local Co-ordinate Reference: | Well AHU Wyatt 25-33D-2 |
| Company: | Koch Exploration Co. LLC | TVD Reference: | GL 5844' & RKB 22' @ 5866.00ft |
| Project: | Rio Blanco County, CO NAD83 | MD Reference: | GL 5844' & RKB 22' @ 5866.00ft |
| Site: | Wyatt | North Reference: | True |
| Well: | AHU Wyatt 25-33D-2 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | Plan #1 | | |

| | | | |
|--------------------|-----------------------------|----------------------|----------------|
| Project | Rio Blanco County, CO NAD83 | | |
| Map System: | US State Plane 1983 | System Datum: | Mean Sea Level |
| Geo Datum: | North American Datum 1983 | | |
| Map Zone: | Colorado Northern Zone | | |

| | | | | |
|------------------------------|----------|---------------------|-------------------|----------------------------------|
| Site | Wyatt | | | |
| Site Position: | | Northing: | 1,293,459.58 usft | Latitude: 40.1068140 |
| From: | Lat/Long | Easting: | 2,238,149.32 usft | Longitude: -108.2240980 |
| Position Uncertainty: | 0.00 ft | Slot Radius: | 13.200 in | Grid Convergence: -1.76 ° |

| | | | | |
|-----------------------------|--------------------|-----------|----------------------------|-------------------|
| Well | AHU Wyatt 25-33D-2 | | | |
| Well Position | +N/-S | 622.38 ft | Northing: | 1,294,052.75 usft |
| | +E/-W | 941.44 ft | Easting: | 2,239,109.43 usft |
| Position Uncertainty | | 0.00 ft | Wellhead Elevation: | 0.00 ft |
| | | | Ground Level: | 5,844.00 ft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | OH | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | BGGM2014 | 11/20/2014 | 10.21 | 66.10 | 52,097 |

| | | | | |
|--------------------------|------------------------------|-------------------|----------------------|----------------------|
| Design | Plan #1 | | | |
| Audit Notes: | | | | |
| Version: | Phase: | PLAN | Tie On Depth: | 0.00 |
| Vertical Section: | Depth From (TVD) (ft) | +N/-S (ft) | +E/-W (ft) | Direction (°) |
| | 0.00 | 0.00 | 0.00 | 290.79 |

| Plan Sections | | | | | | | | | | |
|----------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|----------------------|---------------------|---------|-----------------------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) | TFO (°) | Target |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 400.00 | 0.00 | 0.00 | 400.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 1,446.90 | 41.88 | 290.79 | 1,356.15 | 129.85 | -342.03 | 4.00 | 4.00 | 0.00 | 290.79 | |
| 2,522.79 | 41.88 | 290.79 | 2,157.25 | 384.77 | -1,013.44 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 3,719.25 | 0.00 | 0.00 | 3,250.00 | 533.17 | -1,404.33 | 3.50 | -3.50 | 0.00 | 180.00 | Wyatt 25-33D-2 Target |
| 7,874.25 | 0.00 | 0.00 | 7,405.00 | 533.17 | -1,404.33 | 0.00 | 0.00 | 0.00 | 0.00 | |

| | | | |
|------------------|-----------------------------|-------------------------------------|--------------------------------|
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| Project: | Rio Blanco County, CO NAD83 | MD Reference: | GL 5844' & RKB 22' @ 5866.00ft |
| Site: | Wyatt | North Reference: | True |
| Well: | AHU Wyatt 25-33D-2 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | Plan #1 | | |

| Planned 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 |
| 100.00 | 0.00 | 0.00 | 100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 200.00 | 0.00 | 0.00 | 200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 300.00 | 0.00 | 0.00 | 300.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 400.00 | 0.00 | 0.00 | 400.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 500.00 | 4.00 | 290.79 | 499.92 | 1.24 | -3.26 | 3.49 | 4.00 | 4.00 | 0.00 |
| 600.00 | 8.00 | 290.79 | 599.35 | 4.95 | -13.03 | 13.94 | 4.00 | 4.00 | 0.00 |
| 700.00 | 12.00 | 290.79 | 697.81 | 11.11 | -29.26 | 31.30 | 4.00 | 4.00 | 0.00 |
| 800.00 | 16.00 | 290.79 | 794.82 | 19.70 | -51.88 | 55.49 | 4.00 | 4.00 | 0.00 |
| 900.00 | 20.00 | 290.79 | 889.91 | 30.66 | -80.76 | 86.38 | 4.00 | 4.00 | 0.00 |
| 1,000.00 | 24.00 | 290.79 | 982.61 | 43.96 | -115.77 | 123.84 | 4.00 | 4.00 | 0.00 |
| 1,100.00 | 28.00 | 290.79 | 1,072.47 | 59.51 | -156.75 | 167.67 | 4.00 | 4.00 | 0.00 |
| 1,200.00 | 32.00 | 290.79 | 1,159.06 | 77.26 | -203.48 | 217.66 | 4.00 | 4.00 | 0.00 |
| 1,300.00 | 36.00 | 290.79 | 1,241.94 | 97.10 | -255.75 | 273.56 | 4.00 | 4.00 | 0.00 |
| 1,400.00 | 40.00 | 290.79 | 1,320.73 | 118.95 | -313.30 | 335.12 | 4.00 | 4.00 | 0.00 |
| 1,446.90 | 41.88 | 290.79 | 1,356.15 | 129.85 | -342.03 | 365.85 | 4.00 | 4.00 | 0.00 |
| 1,500.00 | 41.88 | 290.79 | 1,395.69 | 142.44 | -375.16 | 401.29 | 0.00 | 0.00 | 0.00 |
| 1,519.22 | 41.88 | 290.79 | 1,410.00 | 146.99 | -387.16 | 414.12 | 0.00 | 0.00 | 0.00 |
| Fort Union | | | | | | | | | |
| 1,600.00 | 41.88 | 290.79 | 1,470.15 | 166.13 | -437.57 | 468.05 | 0.00 | 0.00 | 0.00 |
| 1,700.00 | 41.88 | 290.79 | 1,544.61 | 189.82 | -499.98 | 534.80 | 0.00 | 0.00 | 0.00 |
| 1,800.00 | 41.88 | 290.79 | 1,619.07 | 213.52 | -562.38 | 601.55 | 0.00 | 0.00 | 0.00 |
| 1,900.00 | 41.88 | 290.79 | 1,693.53 | 237.21 | -624.79 | 668.30 | 0.00 | 0.00 | 0.00 |
| 2,000.00 | 41.88 | 290.79 | 1,767.99 | 260.90 | -687.19 | 735.05 | 0.00 | 0.00 | 0.00 |
| 2,100.00 | 41.88 | 290.79 | 1,842.45 | 284.60 | -749.60 | 801.81 | 0.00 | 0.00 | 0.00 |
| 2,200.00 | 41.88 | 290.79 | 1,916.91 | 308.29 | -812.01 | 868.56 | 0.00 | 0.00 | 0.00 |
| 2,300.00 | 41.88 | 290.79 | 1,991.37 | 331.98 | -874.41 | 935.31 | 0.00 | 0.00 | 0.00 |
| 2,400.00 | 41.88 | 290.79 | 2,065.83 | 355.68 | -936.82 | 1,002.06 | 0.00 | 0.00 | 0.00 |
| 2,500.01 | 41.88 | 290.79 | 2,140.29 | 379.37 | -999.22 | 1,068.82 | 0.00 | 0.00 | 0.00 |
| 2,522.79 | 41.88 | 290.79 | 2,157.25 | 384.77 | -1,013.44 | 1,084.03 | 0.00 | 0.00 | 0.00 |
| 2,600.01 | 39.17 | 290.79 | 2,215.94 | 402.58 | -1,060.34 | 1,134.19 | 3.50 | -3.50 | 0.00 |
| 2,700.01 | 35.67 | 290.79 | 2,295.34 | 424.14 | -1,117.15 | 1,194.95 | 3.50 | -3.50 | 0.00 |
| 2,800.01 | 32.17 | 290.79 | 2,378.31 | 443.95 | -1,169.31 | 1,250.75 | 3.50 | -3.50 | 0.00 |
| 2,900.01 | 28.67 | 290.79 | 2,464.53 | 461.92 | -1,216.65 | 1,301.39 | 3.50 | -3.50 | 0.00 |
| 2,990.41 | 25.51 | 290.79 | 2,545.00 | 476.53 | -1,255.13 | 1,342.55 | 3.50 | -3.50 | 0.00 |
| Ohio Creek | | | | | | | | | |
| 3,000.01 | 25.17 | 290.79 | 2,553.67 | 477.99 | -1,258.97 | 1,346.66 | 3.50 | -3.50 | 0.00 |
| 3,100.01 | 21.67 | 290.79 | 2,645.42 | 492.10 | -1,296.13 | 1,386.41 | 3.50 | -3.50 | 0.00 |
| 3,200.01 | 18.17 | 290.79 | 2,739.42 | 504.19 | -1,327.99 | 1,420.48 | 3.50 | -3.50 | 0.00 |
| 3,300.01 | 14.67 | 290.79 | 2,835.32 | 514.22 | -1,354.41 | 1,448.75 | 3.50 | -3.50 | 0.00 |
| 3,400.01 | 11.17 | 290.79 | 2,932.78 | 522.16 | -1,375.32 | 1,471.11 | 3.50 | -3.50 | 0.00 |
| 3,500.01 | 7.67 | 290.79 | 3,031.41 | 527.97 | -1,390.62 | 1,487.48 | 3.50 | -3.50 | 0.00 |
| 3,600.01 | 4.17 | 290.79 | 3,130.86 | 531.63 | -1,400.27 | 1,497.80 | 3.50 | -3.50 | 0.00 |
| 3,700.01 | 0.67 | 290.79 | 3,230.76 | 533.13 | -1,404.22 | 1,502.02 | 3.50 | -3.50 | 0.00 |
| 3,719.25 | 0.00 | 0.00 | 3,250.00 | 533.17 | -1,404.33 | 1,502.14 | 3.50 | -3.50 | 0.00 |
| Wyatt 25-33D-2 Target | | | | | | | | | |
| 3,774.25 | 0.00 | 0.00 | 3,305.00 | 533.17 | -1,404.33 | 1,502.14 | 0.00 | 0.00 | 0.00 |
| Mesaverde | | | | | | | | | |
| 3,800.01 | 0.00 | 0.00 | 3,330.76 | 533.17 | -1,404.33 | 1,502.14 | 0.00 | 0.00 | 0.00 |
| 3,900.01 | 0.00 | 0.00 | 3,430.76 | 533.17 | -1,404.33 | 1,502.14 | 0.00 | 0.00 | 0.00 |
| 4,000.01 | 0.00 | 0.00 | 3,530.76 | 533.17 | -1,404.33 | 1,502.14 | 0.00 | 0.00 | 0.00 |
| 4,100.01 | 0.00 | 0.00 | 3,630.76 | 533.17 | -1,404.33 | 1,502.14 | 0.00 | 0.00 | 0.00 |
| 4,200.01 | 0.00 | 0.00 | 3,730.76 | 533.17 | -1,404.33 | 1,502.14 | 0.00 | 0.00 | 0.00 |
| 4,300.01 | 0.00 | 0.00 | 3,830.76 | 533.17 | -1,404.33 | 1,502.14 | 0.00 | 0.00 | 0.00 |

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| Site: | Wyatt | North Reference: | True |
| Well: | AHU Wyatt 25-33D-2 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | Plan #1 | | |

| Planned 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) |
| 4,400.01 | 0.00 | 0.00 | 3,930.76 | 533.17 | -1,404.33 | 1,502.14 | 0.00 | 0.00 | 0.00 |
| 4,500.01 | 0.00 | 0.00 | 4,030.76 | 533.17 | -1,404.33 | 1,502.14 | 0.00 | 0.00 | 0.00 |
| 4,600.01 | 0.00 | 0.00 | 4,130.76 | 533.17 | -1,404.33 | 1,502.14 | 0.00 | 0.00 | 0.00 |
| 4,700.01 | 0.00 | 0.00 | 4,230.76 | 533.17 | -1,404.33 | 1,502.14 | 0.00 | 0.00 | 0.00 |
| 4,800.01 | 0.00 | 0.00 | 4,330.76 | 533.17 | -1,404.33 | 1,502.14 | 0.00 | 0.00 | 0.00 |
| 4,900.01 | 0.00 | 0.00 | 4,430.76 | 533.17 | -1,404.33 | 1,502.14 | 0.00 | 0.00 | 0.00 |
| 5,000.01 | 0.00 | 0.00 | 4,530.76 | 533.17 | -1,404.33 | 1,502.14 | 0.00 | 0.00 | 0.00 |
| 5,100.01 | 0.00 | 0.00 | 4,630.76 | 533.17 | -1,404.33 | 1,502.14 | 0.00 | 0.00 | 0.00 |
| 5,200.01 | 0.00 | 0.00 | 4,730.76 | 533.17 | -1,404.33 | 1,502.14 | 0.00 | 0.00 | 0.00 |
| 5,300.01 | 0.00 | 0.00 | 4,830.76 | 533.17 | -1,404.33 | 1,502.14 | 0.00 | 0.00 | 0.00 |
| 5,400.01 | 0.00 | 0.00 | 4,930.76 | 533.17 | -1,404.33 | 1,502.14 | 0.00 | 0.00 | 0.00 |
| 5,500.01 | 0.00 | 0.00 | 5,030.76 | 533.17 | -1,404.33 | 1,502.14 | 0.00 | 0.00 | 0.00 |
| 5,600.01 | 0.00 | 0.00 | 5,130.76 | 533.17 | -1,404.33 | 1,502.14 | 0.00 | 0.00 | 0.00 |
| 5,700.01 | 0.00 | 0.00 | 5,230.76 | 533.17 | -1,404.33 | 1,502.14 | 0.00 | 0.00 | 0.00 |
| 5,800.01 | 0.00 | 0.00 | 5,330.76 | 533.17 | -1,404.33 | 1,502.14 | 0.00 | 0.00 | 0.00 |
| 5,900.01 | 0.00 | 0.00 | 5,430.76 | 533.17 | -1,404.33 | 1,502.14 | 0.00 | 0.00 | 0.00 |
| 6,000.01 | 0.00 | 0.00 | 5,530.76 | 533.17 | -1,404.33 | 1,502.14 | 0.00 | 0.00 | 0.00 |
| 6,100.01 | 0.00 | 0.00 | 5,630.76 | 533.17 | -1,404.33 | 1,502.14 | 0.00 | 0.00 | 0.00 |
| 6,200.01 | 0.00 | 0.00 | 5,730.76 | 533.17 | -1,404.33 | 1,502.14 | 0.00 | 0.00 | 0.00 |
| 6,300.01 | 0.00 | 0.00 | 5,830.76 | 533.17 | -1,404.33 | 1,502.14 | 0.00 | 0.00 | 0.00 |
| 6,400.01 | 0.00 | 0.00 | 5,930.76 | 533.17 | -1,404.33 | 1,502.14 | 0.00 | 0.00 | 0.00 |
| 6,500.01 | 0.00 | 0.00 | 6,030.76 | 533.17 | -1,404.33 | 1,502.14 | 0.00 | 0.00 | 0.00 |
| 6,600.01 | 0.00 | 0.00 | 6,130.76 | 533.17 | -1,404.33 | 1,502.14 | 0.00 | 0.00 | 0.00 |
| 6,674.25 | 0.00 | 0.00 | 6,205.00 | 533.17 | -1,404.33 | 1,502.14 | 0.00 | 0.00 | 0.00 |
| Rollins | | | | | | | | | |
| 6,700.01 | 0.00 | 0.00 | 6,230.76 | 533.17 | -1,404.33 | 1,502.14 | 0.00 | 0.00 | 0.00 |
| 6,800.01 | 0.00 | 0.00 | 6,330.76 | 533.17 | -1,404.33 | 1,502.14 | 0.00 | 0.00 | 0.00 |
| 6,849.25 | 0.00 | 0.00 | 6,380.00 | 533.17 | -1,404.33 | 1,502.14 | 0.00 | 0.00 | 0.00 |
| Illes | | | | | | | | | |
| 6,900.01 | 0.00 | 0.00 | 6,430.76 | 533.17 | -1,404.33 | 1,502.14 | 0.00 | 0.00 | 0.00 |
| 7,000.01 | 0.00 | 0.00 | 6,530.76 | 533.17 | -1,404.33 | 1,502.14 | 0.00 | 0.00 | 0.00 |
| 7,100.01 | 0.00 | 0.00 | 6,630.76 | 533.17 | -1,404.33 | 1,502.14 | 0.00 | 0.00 | 0.00 |
| 7,200.01 | 0.00 | 0.00 | 6,730.76 | 533.17 | -1,404.33 | 1,502.14 | 0.00 | 0.00 | 0.00 |
| 7,300.01 | 0.00 | 0.00 | 6,830.76 | 533.17 | -1,404.33 | 1,502.14 | 0.00 | 0.00 | 0.00 |
| 7,400.01 | 0.00 | 0.00 | 6,930.76 | 533.17 | -1,404.33 | 1,502.14 | 0.00 | 0.00 | 0.00 |
| 7,500.02 | 0.00 | 0.00 | 7,030.76 | 533.17 | -1,404.33 | 1,502.14 | 0.00 | 0.00 | 0.00 |
| 7,600.02 | 0.00 | 0.00 | 7,130.76 | 533.17 | -1,404.33 | 1,502.14 | 0.00 | 0.00 | 0.00 |
| 7,700.02 | 0.00 | 0.00 | 7,230.76 | 533.17 | -1,404.33 | 1,502.14 | 0.00 | 0.00 | 0.00 |
| 7,729.25 | 0.00 | 0.00 | 7,260.00 | 533.17 | -1,404.33 | 1,502.14 | 0.00 | 0.00 | 0.00 |
| Cozzett | | | | | | | | | |
| 7,800.02 | 0.00 | 0.00 | 7,330.77 | 533.17 | -1,404.33 | 1,502.14 | 0.00 | 0.00 | 0.00 |
| 7,829.25 | 0.00 | 0.00 | 7,360.00 | 533.17 | -1,404.33 | 1,502.14 | 0.00 | 0.00 | 0.00 |
| Corcoron | | | | | | | | | |
| 7,874.25 | 0.00 | 0.00 | 7,405.00 | 533.17 | -1,404.33 | 1,502.14 | 0.00 | 0.00 | 0.00 |

| | | | |
|------------------|-----------------------------|-------------------------------------|--------------------------------|
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| Project: | Rio Blanco County, CO NAD83 | MD Reference: | GL 5844' & RKB 22' @ 5866.00ft |
| Site: | Wyatt | North Reference: | True |
| Well: | AHU Wyatt 25-33D-2 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | Plan #1 | | |

| Design Targets | | | | | | | | | |
|---------------------------|------------------|-----------------|-------------|---------------|---------------|--------------------|-------------------|------------|--------------|
| Target Name | Dip Angle (°) | Dip Dir. (°) | TVD (ft) | +N/-S (ft) | +E/-W (ft) | Northing (usft) | Easting (usft) | Latitude | Longitude |
| - hit/miss target | | | | | | | | | |
| - Shape | | | | | | | | | |
| Wyatt 25-33D-2 Target | 0.00 | 0.00 | 3,250.00 | 533.17 | -1,404.33 | 1,294,628.75 | 2,237,722.12 | 40.1099860 | -108.2257530 |
| - plan hits target center | | | | | | | | | |
| - Circle (radius 50.00) | | | | | | | | | |

| Formations | | | | | | |
|---------------------------|---------------------------|------------|-----------|------------|-------------------------|--|
| Measured Depth (ft) | Vertical Depth (ft) | Name | Lithology | Dip (°) | Dip Direction (°) | |
| 1,519.22 | 1,410.50 | Fort Union | | 0.00 | | |
| 2,990.41 | 2,545.50 | Ohio Creek | | 0.00 | | |
| 3,774.25 | 3,305.50 | Mesaverde | | 0.00 | | |
| 6,674.25 | 6,205.50 | Rollins | | 0.00 | | |
| 6,849.25 | 6,380.50 | Illes | | 0.00 | | |
| 7,729.25 | 7,260.50 | Cozzett | | 0.00 | | |
| 7,829.25 | 7,360.50 | Corcoron | | 0.00 | | |

Koch Exploration Co. LLC

Rio Blanco County, CO NAD83

Wyatt

AHU Wyatt 25-33D-2

OH

Plan #1

Anticollision Report

19 March, 2015



www.scientificdrilling.com



| | | | |
|---------------------------|-----------------------------|-------------------------------------|--------------------------------|
| Company: | Koch Exploration Co. LLC | Local Co-ordinate Reference: | Well AHU Wyatt 25-33D-2 |
| Project: | Rio Blanco County, CO NAD83 | TVD Reference: | GL 5844' & RKB 22' @ 5866.00ft |
| Reference Site: | Wyatt | MD Reference: | GL 5844' & RKB 22' @ 5866.00ft |
| Site Error: | 0.00 ft | North Reference: | True |
| Reference Well: | AHU Wyatt 25-33D-2 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OH | Database: | Grand Junction District |
| Reference Design: | Plan #1 | Offset TVD Reference: | Reference Datum |

| | | | |
|-------------------------------------|---|-----------------------|---------------------|
| Reference | Plan #1 | | |
| Filter type: | NO GLOBAL FILTER: Using user defined selection & filtering criteria | | |
| Interpolation Method: | MD Interval 100.00ft | Error Model: | Systematic Ellipse |
| Depth Range: | 0.00 to 300,000.00ft | Scan Method: | Closest Approach 3D |
| Results Limited by: | Maximum center-center distance of 10,000.00 ft | Error Surface: | Elliptical Conic |
| Warning Levels Evaluated at: | 2.00 Sigma | Casing Method: | Not applied |

| | | | | |
|----------------------------|----------------|--------------------------|------------------|--------------------|
| Survey Tool Program | Date | 3/19/2015 | | |
| From (ft) | To (ft) | Survey (Wellbore) | Tool Name | Description |
| 0.00 | 7,874.25 | Plan #1 (OH) | Gyro | |

| | | | | | | |
|--|--------------------------------------|-----------------------------------|--------------------------------------|---------------------------------------|--------------------------|----------------|
| Summary | | | | | | |
| Site Name | Reference Measured Depth (ft) | Offset Measured Depth (ft) | Distance Between Centres (ft) | Distance Between Ellipses (ft) | Separation Factor | Warning |
| Offset Well - Wellbore - Design | | | | | | |
| Wyatt | | | | | | |
| AHU Wyatt 25-34D-2 - OH - Plan #1 | 0.00 | 0.50 | 15.22 | | | |
| AHU Wyatt 25-34D-2 - OH - Plan #1 | 400.00 | 400.50 | 15.22 | 15.22 | 10,000.000 | CC, ES |
| AHU Wyatt 25-43 SWD - OH - OH | 0.00 | 0.00 | 1,087.07 | | | |
| AHU Wyatt 25-43 SWD - OH - OH | 1,869.33 | 1,606.76 | 855.34 | 855.34 | 10,000.000 | CC, ES |
| AHU Wyatt 25-43D-2 - OH - Plan #1 | 0.00 | 0.00 | 14.69 | | | |
| AHU Wyatt 25-43D-2 - OH - Plan #1 | 601.22 | 600.04 | 5.17 | 5.17 | 10,000.000 | CC, ES |
| AHU Wyatt 25-44D-3 - OH - Plan #1 | 0.00 | 1.00 | 30.07 | | | |
| AHU Wyatt 25-44D-3 - OH - Plan #1 | 366.33 | 367.33 | 30.07 | 30.07 | 10,000.000 | CC, ES |

| | | | | | | | | | | | | |
|---|----------------------------|----------------------------|----------------------------|------------------------|--------------------|------------------------------|--|-------------------|-----------------------------|------------------------------|--------------------------------|--------------------------|
| Offset Design | | | | | | | | | | | | |
| Wyatt - AHU Wyatt 25-34D-2 - OH - Plan #1 | | | | | | | | | | | | |
| Survey Program: 0-Gyro | | | | | | | | | | | | |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | |
| Measured Depth (ft) | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft) | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |
| 0.00 | 0.00 | 0.50 | 0.00 | 0.00 | 0.00 | 90.41 | -0.11 | 15.22 | 15.22 | | | |
| 100.00 | 100.00 | 100.50 | 100.00 | 0.00 | 0.00 | 90.41 | -0.11 | 15.22 | 15.22 | 15.22 | 0.00 | N/A |
| 200.00 | 200.00 | 200.50 | 200.00 | 0.00 | 0.00 | 90.41 | -0.11 | 15.22 | 15.22 | 15.22 | 0.00 | N/A |
| 300.00 | 300.00 | 300.50 | 300.00 | 0.00 | 0.00 | 90.41 | -0.11 | 15.22 | 15.22 | 15.22 | 0.00 | N/A |
| 400.00 | 400.00 | 400.50 | 400.00 | 0.00 | 0.00 | 90.41 | -0.11 | 15.22 | 15.22 | 15.22 | 0.00 | N/A CC, ES |
| 500.00 | 499.92 | 500.42 | 499.92 | 0.00 | 0.00 | 163.34 | -0.11 | 15.22 | 18.53 | 18.53 | 0.00 | N/A |
| 600.00 | 599.35 | 598.60 | 598.06 | 0.00 | 0.00 | 166.21 | 1.09 | 17.46 | 30.76 | 30.76 | 0.00 | N/A |
| 700.00 | 697.81 | 694.18 | 693.35 | 0.00 | 0.00 | 165.70 | 4.55 | 23.91 | 53.76 | 53.76 | 0.00 | N/A |
| 800.00 | 794.82 | 785.67 | 784.10 | 0.00 | 0.00 | 164.59 | 9.96 | 34.01 | 87.10 | 87.10 | 0.00 | N/A |
| 900.00 | 889.91 | 871.82 | 868.97 | 0.00 | 0.00 | 163.49 | 16.92 | 47.02 | 130.21 | 130.21 | 0.00 | N/A |
| 1,000.00 | 982.61 | 951.68 | 946.98 | 0.00 | 0.00 | 162.45 | 24.99 | 62.08 | 182.38 | 182.38 | 0.00 | N/A |
| 1,100.00 | 1,072.47 | 1,024.58 | 1,017.51 | 0.00 | 0.00 | 161.41 | 33.69 | 78.33 | 242.79 | 242.79 | 0.00 | N/A |
| 1,200.00 | 1,159.05 | 1,090.14 | 1,080.29 | 0.00 | 0.00 | 160.30 | 42.59 | 94.95 | 310.60 | 310.60 | 0.00 | N/A |
| 1,300.00 | 1,241.94 | 1,148.21 | 1,135.34 | 0.00 | 0.00 | 159.02 | 51.33 | 111.26 | 384.91 | 384.91 | 0.00 | N/A |
| 1,400.00 | 1,320.73 | 1,200.00 | 1,183.93 | 0.00 | 0.00 | 157.48 | 59.78 | 127.04 | 464.88 | 464.88 | 0.00 | N/A |
| 1,500.00 | 1,395.69 | 1,242.85 | 1,223.76 | 0.00 | 0.00 | 156.88 | 67.24 | 140.98 | 549.19 | 549.19 | 0.00 | N/A |
| 1,600.00 | 1,470.15 | 1,283.90 | 1,261.57 | 0.00 | 0.00 | 157.21 | 74.78 | 155.06 | 634.86 | 634.86 | 0.00 | N/A |
| 1,700.00 | 1,544.61 | 1,329.84 | 1,303.57 | 0.00 | 0.00 | 157.44 | 83.57 | 171.47 | 721.26 | 721.26 | 0.00 | N/A |
| 1,800.00 | 1,619.07 | 1,380.05 | 1,349.45 | 0.00 | 0.00 | 157.63 | 93.20 | 189.46 | 807.73 | 807.73 | 0.00 | N/A |
| 1,900.00 | 1,693.53 | 1,430.26 | 1,395.33 | 0.00 | 0.00 | 157.79 | 102.84 | 207.45 | 894.21 | 894.21 | 0.00 | N/A |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

| | | | |
|---------------------------|-----------------------------|-------------------------------------|--------------------------------|
| Company: | Koch Exploration Co. LLC | Local Co-ordinate Reference: | Well AHU Wyatt 25-33D-2 |
| Project: | Rio Blanco County, CO NAD83 | TVD Reference: | GL 5844' & RKB 22' @ 5866.00ft |
| Reference Site: | Wyatt | MD Reference: | GL 5844' & RKB 22' @ 5866.00ft |
| Site Error: | 0.00 ft | North Reference: | True |
| Reference Well: | AHU Wyatt 25-33D-2 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OH | Database: | Grand Junction District |
| Reference Design: | Plan #1 | Offset TVD Reference: | Reference Datum |

| Offset Design Wyatt - AHU Wyatt 25-34D-2 - OH - Plan #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 ft |
|---|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-Gyro | | | | | | | | | | | | | Offset Well Error: | 0.00 ft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (ft) | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft) | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | | |
| 2,000.00 | 1,767.99 | 1,480.48 | 1,441.20 | 0.00 | 0.00 | 157.92 | 112.48 | 225.45 | 980.68 | 980.68 | 0.00 | N/A | | |
| 2,100.00 | 1,842.45 | 1,530.69 | 1,487.08 | 0.00 | 0.00 | 158.02 | 122.11 | 243.44 | 1,067.15 | 1,067.15 | 0.00 | N/A | | |
| 2,200.00 | 1,916.91 | 1,580.90 | 1,532.96 | 0.00 | 0.00 | 158.11 | 131.75 | 261.44 | 1,153.63 | 1,153.63 | 0.00 | N/A | | |
| 2,300.00 | 1,991.36 | 1,631.12 | 1,578.83 | 0.00 | 0.00 | 158.19 | 141.38 | 279.43 | 1,240.10 | 1,240.10 | 0.00 | N/A | | |
| 2,400.00 | 2,065.82 | 1,681.33 | 1,624.71 | 0.00 | 0.00 | 158.26 | 151.02 | 297.43 | 1,326.58 | 1,326.58 | 0.00 | N/A | | |
| 2,500.00 | 2,140.28 | 1,731.54 | 1,670.59 | 0.00 | 0.00 | 158.32 | 160.66 | 315.42 | 1,413.05 | 1,413.05 | 0.00 | N/A | | |
| 2,600.00 | 2,215.94 | 1,783.21 | 1,717.80 | 0.00 | 0.00 | 159.90 | 170.57 | 333.94 | 1,498.66 | 1,498.66 | 0.00 | N/A | | |
| 2,700.00 | 2,295.34 | 1,839.54 | 1,769.26 | 0.00 | 0.00 | 161.46 | 181.38 | 354.12 | 1,581.24 | 1,581.24 | 0.00 | N/A | | |
| 2,800.00 | 2,378.30 | 1,900.45 | 1,824.91 | 0.00 | 0.00 | 162.63 | 193.07 | 375.95 | 1,660.43 | 1,660.43 | 0.00 | N/A | | |
| 2,900.00 | 2,464.52 | 1,965.71 | 1,884.53 | 0.00 | 0.00 | 163.49 | 205.60 | 399.33 | 1,735.94 | 1,735.94 | 0.00 | N/A | | |
| 3,000.00 | 2,553.67 | 2,035.07 | 1,947.91 | 0.00 | 0.00 | 164.13 | 218.91 | 424.19 | 1,807.51 | 1,807.51 | 0.00 | N/A | | |
| 3,100.00 | 2,645.41 | 2,108.29 | 2,014.80 | 0.00 | 0.00 | 164.59 | 232.96 | 450.43 | 1,874.91 | 1,874.91 | 0.00 | N/A | | |
| 3,200.00 | 2,739.41 | 2,185.08 | 2,084.96 | 0.00 | 0.00 | 164.90 | 247.69 | 477.95 | 1,937.91 | 1,937.91 | 0.00 | N/A | | |
| 3,300.00 | 2,835.32 | 2,265.15 | 2,158.12 | 0.00 | 0.00 | 165.08 | 263.06 | 506.64 | 1,996.30 | 1,996.30 | 0.00 | N/A | | |
| 3,400.00 | 2,932.77 | 2,348.22 | 2,234.02 | 0.00 | 0.00 | 165.16 | 279.00 | 536.41 | 2,049.90 | 2,049.90 | 0.00 | N/A | | |
| 3,500.00 | 3,031.41 | 2,433.97 | 2,312.36 | 0.00 | 0.00 | 165.14 | 295.46 | 567.14 | 2,098.55 | 2,098.55 | 0.00 | N/A | | |
| 3,600.00 | 3,130.86 | 2,526.23 | 2,394.49 | 0.00 | 0.00 | 164.46 | 330.71 | 632.97 | 2,141.45 | 2,141.45 | 0.00 | N/A | | |
| 3,700.00 | 3,230.75 | 2,626.23 | 2,489.49 | 0.00 | 0.00 | 163.06 | 387.78 | 739.53 | 2,167.14 | 2,167.14 | 0.00 | N/A | | |
| 3,800.00 | 3,330.75 | 2,733.38 | 2,593.75 | 0.00 | 0.00 | 93.50 | 400.55 | 763.37 | 2,171.75 | 2,171.75 | 0.00 | N/A | | |
| 3,900.00 | 3,430.75 | 2,848.38 | 2,713.75 | 0.00 | 0.00 | 93.50 | 400.55 | 763.37 | 2,171.75 | 2,171.75 | 0.00 | N/A | | |
| 4,000.00 | 3,530.75 | 2,968.38 | 2,833.75 | 0.00 | 0.00 | 93.50 | 400.55 | 763.37 | 2,171.75 | 2,171.75 | 0.00 | N/A | | |
| 4,100.00 | 3,630.75 | 3,088.38 | 2,953.75 | 0.00 | 0.00 | 93.50 | 400.55 | 763.37 | 2,171.75 | 2,171.75 | 0.00 | N/A | | |
| 4,200.00 | 3,730.75 | 3,208.38 | 3,073.75 | 0.00 | 0.00 | 93.50 | 400.55 | 763.37 | 2,171.75 | 2,171.75 | 0.00 | N/A | | |
| 4,300.00 | 3,830.75 | 3,328.38 | 3,193.75 | 0.00 | 0.00 | 93.50 | 400.55 | 763.37 | 2,171.75 | 2,171.75 | 0.00 | N/A | | |
| 4,400.00 | 3,930.75 | 3,448.38 | 3,313.75 | 0.00 | 0.00 | 93.50 | 400.55 | 763.37 | 2,171.75 | 2,171.75 | 0.00 | N/A | | |
| 4,500.00 | 4,030.75 | 3,568.38 | 3,433.75 | 0.00 | 0.00 | 93.50 | 400.55 | 763.37 | 2,171.75 | 2,171.75 | 0.00 | N/A | | |
| 4,600.00 | 4,130.75 | 3,688.38 | 3,553.75 | 0.00 | 0.00 | 93.50 | 400.55 | 763.37 | 2,171.75 | 2,171.75 | 0.00 | N/A | | |
| 4,700.00 | 4,230.75 | 3,808.38 | 3,673.75 | 0.00 | 0.00 | 93.50 | 400.55 | 763.37 | 2,171.75 | 2,171.75 | 0.00 | N/A | | |
| 4,800.00 | 4,330.75 | 3,928.38 | 3,793.75 | 0.00 | 0.00 | 93.50 | 400.55 | 763.37 | 2,171.75 | 2,171.75 | 0.00 | N/A | | |
| 4,900.00 | 4,430.75 | 4,048.38 | 3,913.75 | 0.00 | 0.00 | 93.50 | 400.55 | 763.37 | 2,171.75 | 2,171.75 | 0.00 | N/A | | |
| 5,000.00 | 4,530.75 | 4,168.38 | 4,033.75 | 0.00 | 0.00 | 93.50 | 400.55 | 763.37 | 2,171.75 | 2,171.75 | 0.00 | N/A | | |
| 5,100.00 | 4,630.75 | 4,288.38 | 4,153.75 | 0.00 | 0.00 | 93.50 | 400.55 | 763.37 | 2,171.75 | 2,171.75 | 0.00 | N/A | | |
| 5,200.00 | 4,730.75 | 4,408.38 | 4,273.75 | 0.00 | 0.00 | 93.50 | 400.55 | 763.37 | 2,171.75 | 2,171.75 | 0.00 | N/A | | |
| 5,300.00 | 4,830.75 | 4,528.38 | 4,393.75 | 0.00 | 0.00 | 93.50 | 400.55 | 763.37 | 2,171.75 | 2,171.75 | 0.00 | N/A | | |
| 5,400.00 | 4,930.75 | 4,648.38 | 4,513.75 | 0.00 | 0.00 | 93.50 | 400.55 | 763.37 | 2,171.75 | 2,171.75 | 0.00 | N/A | | |
| 5,500.00 | 5,030.75 | 4,768.38 | 4,633.75 | 0.00 | 0.00 | 93.50 | 400.55 | 763.37 | 2,171.75 | 2,171.75 | 0.00 | N/A | | |
| 5,600.00 | 5,130.75 | 4,888.38 | 4,753.75 | 0.00 | 0.00 | 93.50 | 400.55 | 763.37 | 2,171.75 | 2,171.75 | 0.00 | N/A | | |
| 5,700.00 | 5,230.75 | 5,008.38 | 4,873.75 | 0.00 | 0.00 | 93.50 | 400.55 | 763.37 | 2,171.75 | 2,171.75 | 0.00 | N/A | | |
| 5,800.00 | 5,330.75 | 5,128.38 | 4,993.75 | 0.00 | 0.00 | 93.50 | 400.55 | 763.37 | 2,171.75 | 2,171.75 | 0.00 | N/A | | |
| 5,900.00 | 5,430.75 | 5,248.38 | 5,113.75 | 0.00 | 0.00 | 93.50 | 400.55 | 763.37 | 2,171.75 | 2,171.75 | 0.00 | N/A | | |
| 6,000.00 | 5,530.75 | 5,368.38 | 5,233.75 | 0.00 | 0.00 | 93.50 | 400.55 | 763.37 | 2,171.75 | 2,171.75 | 0.00 | N/A | | |
| 6,100.00 | 5,630.75 | 5,488.38 | 5,353.75 | 0.00 | 0.00 | 93.50 | 400.55 | 763.37 | 2,171.75 | 2,171.75 | 0.00 | N/A | | |
| 6,200.00 | 5,730.75 | 5,608.38 | 5,473.75 | 0.00 | 0.00 | 93.50 | 400.55 | 763.37 | 2,171.75 | 2,171.75 | 0.00 | N/A | | |
| 6,300.00 | 5,830.75 | 5,728.38 | 5,593.75 | 0.00 | 0.00 | 93.50 | 400.55 | 763.37 | 2,171.75 | 2,171.75 | 0.00 | N/A | | |
| 6,400.00 | 5,930.75 | 5,848.38 | 5,713.75 | 0.00 | 0.00 | 93.50 | 400.55 | 763.37 | 2,171.75 | 2,171.75 | 0.00 | N/A | | |
| 6,500.00 | 6,030.75 | 5,968.38 | 5,833.75 | 0.00 | 0.00 | 93.50 | 400.55 | 763.37 | 2,171.75 | 2,171.75 | 0.00 | N/A | | |
| 6,600.00 | 6,130.75 | 6,088.38 | 5,953.75 | 0.00 | 0.00 | 93.50 | 400.55 | 763.37 | 2,171.75 | 2,171.75 | 0.00 | N/A | | |
| 6,700.00 | 6,230.75 | 6,208.38 | 6,073.75 | 0.00 | 0.00 | 93.50 | 400.55 | 763.37 | 2,171.75 | 2,171.75 | 0.00 | N/A | | |
| 6,800.00 | 6,330.75 | 6,328.38 | 6,193.75 | 0.00 | 0.00 | 93.50 | 400.55 | 763.37 | 2,171.75 | 2,171.75 | 0.00 | N/A | | |
| 6,900.00 | 6,430.75 | 6,448.38 | 6,313.75 | 0.00 | 0.00 | 93.50 | 400.55 | 763.37 | 2,171.75 | 2,171.75 | 0.00 | N/A | | |
| 7,000.00 | 6,530.75 | 6,568.38 | 6,433.75 | 0.00 | 0.00 | 93.50 | 400.55 | 763.37 | 2,171.75 | 2,171.75 | 0.00 | N/A | | |
| 7,100.00 | 6,630.75 | 6,688.38 | 6,553.75 | 0.00 | 0.00 | 93.50 | 400.55 | 763.37 | 2,171.75 | 2,171.75 | 0.00 | N/A | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

| | | | |
|---------------------------|-----------------------------|-------------------------------------|--------------------------------|
| Company: | Koch Exploration Co. LLC | Local Co-ordinate Reference: | Well AHU Wyatt 25-33D-2 |
| Project: | Rio Blanco County, CO NAD83 | TVD Reference: | GL 5844' & RKB 22' @ 5866.00ft |
| Reference Site: | Wyatt | MD Reference: | GL 5844' & RKB 22' @ 5866.00ft |
| Site Error: | 0.00 ft | North Reference: | True |
| Reference Well: | AHU Wyatt 25-33D-2 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OH | Database: | Grand Junction District |
| Reference Design: | Plan #1 | Offset TVD Reference: | Reference Datum |

| Offset Design Wyatt - AHU Wyatt 25-34D-2 - OH - Plan #1 | | | | | | | | | | | | Offset Site Error: | 0.00 ft |
|--|------------------------|------------------------|------------------------|-------------------|----------------|--------------------------|---|---------------|-------------------------|--------------------------|----------------------------|---------------------------|---------|
| Survey Program: 0-Gyro | | | | | | | | | | | | Offset Well Error: | 0.00 ft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning |
| Measured Depth (ft) | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft) | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | |
| 7,200.00 | 6,730.75 | 6,885.38 | 6,730.75 | 0.00 | 0.00 | 93.50 | 400.55 | 763.37 | 2,171.75 | 2,171.75 | 0.00 | N/A | |
| 7,300.00 | 6,830.75 | 6,985.38 | 6,830.75 | 0.00 | 0.00 | 93.50 | 400.55 | 763.37 | 2,171.75 | 2,171.75 | 0.00 | N/A | |
| 7,400.00 | 6,930.75 | 7,085.38 | 6,930.75 | 0.00 | 0.00 | 93.50 | 400.55 | 763.37 | 2,171.75 | 2,171.75 | 0.00 | N/A | |
| 7,500.00 | 7,030.75 | 7,185.38 | 7,030.75 | 0.00 | 0.00 | 93.50 | 400.55 | 763.37 | 2,171.75 | 2,171.75 | 0.00 | N/A | |
| 7,600.00 | 7,130.75 | 7,285.38 | 7,130.75 | 0.00 | 0.00 | 93.50 | 400.55 | 763.37 | 2,171.75 | 2,171.75 | 0.00 | N/A | |
| 7,700.00 | 7,230.75 | 7,385.38 | 7,230.75 | 0.00 | 0.00 | 93.50 | 400.55 | 763.37 | 2,171.75 | 2,171.75 | 0.00 | N/A | |
| 7,800.00 | 7,330.75 | 7,485.38 | 7,330.75 | 0.00 | 0.00 | 93.50 | 400.55 | 763.37 | 2,171.75 | 2,171.75 | 0.00 | N/A | |

| | | | |
|---------------------------|-----------------------------|-------------------------------------|--------------------------------|
| Company: | Koch Exploration Co. LLC | Local Co-ordinate Reference: | Well AHU Wyatt 25-33D-2 |
| Project: | Rio Blanco County, CO NAD83 | TVD Reference: | GL 5844' & RKB 22' @ 5866.00ft |
| Reference Site: | Wyatt | MD Reference: | GL 5844' & RKB 22' @ 5866.00ft |
| Site Error: | 0.00 ft | North Reference: | True |
| Reference Well: | AHU Wyatt 25-33D-2 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OH | Database: | Grand Junction District |
| Reference Design: | Plan #1 | Offset TVD Reference: | Reference Datum |

| Offset Design | | | | | | | | | | | | | Wyatt - AHU Wyatt 25-43 SWD - OH - OH | | Offset Site Error: 0.00 ft | |
|-----------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|---------------------------------------|---------|----------------------------|--|
| Survey Program: 130-SDI MWD | | | | | | | | | | | | | Offset Well Error: 0.00 ft | | | |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning | | |
| Measured Depth (ft) | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft) | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | | | | |
| 0.00 | 0.00 | 0.00 | 48.00 | 0.00 | 0.00 | -122.05 | -576.34 | -920.46 | 1,087.07 | | | | | | | |
| 100.00 | 100.00 | 61.52 | 109.51 | 0.00 | 0.07 | -122.03 | -575.83 | -920.46 | 1,085.78 | 1,085.78 | 0.00 | N/A | | | | |
| 200.00 | 200.00 | 168.81 | 216.77 | 0.00 | 0.23 | -121.90 | -572.83 | -920.46 | 1,084.28 | 1,084.28 | 0.00 | N/A | | | | |
| 300.00 | 300.00 | 262.03 | 309.96 | 0.00 | 0.43 | -121.80 | -570.72 | -920.46 | 1,083.09 | 1,083.09 | 0.00 | N/A | | | | |
| 400.00 | 400.00 | 361.37 | 409.28 | 0.00 | 0.64 | -121.72 | -569.00 | -920.46 | 1,082.17 | 1,082.17 | 0.00 | N/A | | | | |
| 500.00 | 499.92 | 457.87 | 505.78 | 0.00 | 0.84 | -52.69 | -567.71 | -920.46 | 1,079.35 | 1,079.35 | 0.00 | N/A | | | | |
| 600.00 | 599.35 | 556.02 | 603.92 | 0.00 | 1.04 | -53.30 | -566.89 | -920.46 | 1,072.59 | 1,072.59 | 0.00 | N/A | | | | |
| 700.00 | 697.81 | 654.56 | 702.46 | 0.00 | 1.25 | -54.36 | -566.09 | -920.46 | 1,061.80 | 1,061.80 | 0.00 | N/A | | | | |
| 800.00 | 794.82 | 749.76 | 797.65 | 0.00 | 1.45 | -55.85 | -565.48 | -920.46 | 1,047.32 | 1,047.32 | 0.00 | N/A | | | | |
| 900.00 | 889.91 | 844.80 | 892.70 | 0.00 | 1.65 | -57.82 | -565.11 | -920.46 | 1,029.59 | 1,029.59 | 0.00 | N/A | | | | |
| 1,000.00 | 982.61 | 939.54 | 987.43 | 0.00 | 1.84 | -60.27 | -564.51 | -920.46 | 1,008.85 | 1,008.85 | 0.00 | N/A | | | | |
| 1,100.00 | 1,072.47 | 1,031.49 | 1,079.38 | 0.00 | 2.04 | -63.16 | -563.63 | -920.46 | 985.71 | 985.71 | 0.00 | N/A | | | | |
| 1,200.00 | 1,159.05 | 1,117.76 | 1,165.64 | 0.00 | 2.22 | -66.39 | -562.43 | -920.71 | 961.07 | 961.07 | 0.00 | N/A | | | | |
| 1,300.00 | 1,241.94 | 1,200.22 | 1,248.08 | 0.00 | 2.40 | -69.94 | -560.83 | -921.42 | 935.96 | 935.96 | 0.00 | N/A | | | | |
| 1,400.00 | 1,320.73 | 1,273.99 | 1,321.83 | 0.00 | 2.55 | -73.55 | -559.51 | -922.45 | 911.79 | 911.79 | 0.00 | N/A | | | | |
| 1,500.00 | 1,395.69 | 1,340.64 | 1,388.48 | 0.00 | 2.69 | -76.70 | -558.94 | -923.30 | 890.19 | 890.19 | 0.00 | N/A | | | | |
| 1,600.00 | 1,470.15 | 1,406.54 | 1,454.37 | 0.00 | 2.83 | -79.53 | -559.75 | -923.96 | 873.91 | 873.91 | 0.00 | N/A | | | | |
| 1,700.00 | 1,544.61 | 1,479.85 | 1,527.67 | 0.00 | 2.98 | -82.75 | -560.90 | -924.55 | 862.63 | 862.63 | 0.00 | N/A | | | | |
| 1,800.00 | 1,619.07 | 1,554.11 | 1,601.90 | 0.00 | 3.13 | -86.04 | -562.22 | -925.32 | 856.61 | 856.61 | 0.00 | N/A | | | | |
| 1,869.33 | 1,670.69 | 1,606.76 | 1,654.55 | 0.00 | 3.24 | -88.38 | -563.00 | -925.95 | 855.34 | 855.34 | 0.00 | N/A CC, ES | | | | |
| 1,900.00 | 1,693.53 | 1,629.68 | 1,677.47 | 0.00 | 3.29 | -89.40 | -563.37 | -926.20 | 855.59 | 855.59 | 0.00 | N/A | | | | |
| 2,000.00 | 1,767.99 | 1,703.51 | 1,751.28 | 0.00 | 3.44 | -92.69 | -564.69 | -926.74 | 859.80 | 859.80 | 0.00 | N/A | | | | |
| 2,100.00 | 1,842.45 | 1,775.62 | 1,823.38 | 0.00 | 3.59 | -95.88 | -566.04 | -927.26 | 869.20 | 869.20 | 0.00 | N/A | | | | |
| 2,200.00 | 1,916.91 | 1,853.17 | 1,900.90 | 0.00 | 3.75 | -99.25 | -567.44 | -928.06 | 883.53 | 883.53 | 0.00 | N/A | | | | |
| 2,300.00 | 1,991.36 | 1,925.80 | 1,973.53 | 0.00 | 3.90 | -102.33 | -568.74 | -928.80 | 902.53 | 902.53 | 0.00 | N/A | | | | |
| 2,400.00 | 2,065.82 | 1,997.64 | 2,045.34 | 0.00 | 4.05 | -105.30 | -570.28 | -929.63 | 926.21 | 926.21 | 0.00 | N/A | | | | |
| 2,500.00 | 2,140.28 | 2,080.68 | 2,128.36 | 0.00 | 4.23 | -108.61 | -571.72 | -930.61 | 953.63 | 953.63 | 0.00 | N/A | | | | |
| 2,600.00 | 2,215.94 | 2,155.84 | 2,203.52 | 0.00 | 4.38 | -112.25 | -572.62 | -931.06 | 983.80 | 983.80 | 0.00 | N/A | | | | |
| 2,700.00 | 2,295.34 | 2,240.41 | 2,288.08 | 0.00 | 4.56 | -116.07 | -573.64 | -931.74 | 1,014.88 | 1,014.88 | 0.00 | N/A | | | | |
| 2,800.00 | 2,378.30 | 2,321.68 | 2,369.34 | 0.00 | 4.73 | -119.39 | -574.34 | -932.20 | 1,045.57 | 1,045.57 | 0.00 | N/A | | | | |
| 2,900.00 | 2,464.52 | 2,400.59 | 2,448.24 | 0.00 | 4.90 | -122.26 | -575.30 | -932.31 | 1,075.60 | 1,075.60 | 0.00 | N/A | | | | |
| 3,000.00 | 2,553.67 | 2,490.91 | 2,538.55 | 0.00 | 5.08 | -124.97 | -576.81 | -932.46 | 1,104.28 | 1,104.28 | 0.00 | N/A | | | | |
| 3,100.00 | 2,645.41 | 2,581.98 | 2,629.61 | 0.00 | 5.27 | -127.27 | -578.17 | -932.41 | 1,130.49 | 1,130.49 | 0.00 | N/A | | | | |
| 3,200.00 | 2,739.41 | 2,671.00 | 2,718.62 | 0.00 | 5.46 | -129.15 | -579.58 | -932.21 | 1,153.95 | 1,153.95 | 0.00 | N/A | | | | |
| 3,300.00 | 2,835.32 | 2,773.20 | 2,820.80 | 0.00 | 5.68 | -130.78 | -581.35 | -932.36 | 1,174.15 | 1,174.15 | 0.00 | N/A | | | | |
| 3,400.00 | 2,932.77 | 2,871.33 | 2,918.93 | 0.00 | 5.88 | -131.99 | -582.60 | -932.51 | 1,190.28 | 1,190.28 | 0.00 | N/A | | | | |
| 3,500.00 | 3,031.41 | 2,974.14 | 3,021.73 | 0.00 | 6.10 | -132.90 | -583.75 | -932.21 | 1,202.56 | 1,202.56 | 0.00 | N/A | | | | |
| 3,600.00 | 3,130.86 | 3,082.72 | 3,130.31 | 0.00 | 6.33 | -133.51 | -583.79 | -931.56 | 1,209.90 | 1,209.90 | 0.00 | N/A | | | | |
| 3,700.00 | 3,230.75 | 3,182.83 | 3,230.42 | 0.00 | 6.54 | -133.75 | -583.72 | -931.12 | 1,212.92 | 1,212.92 | 0.00 | N/A | | | | |
| 3,799.40 | 3,330.15 | 3,282.45 | 3,330.03 | 0.00 | 6.74 | 157.01 | -583.50 | -931.04 | 1,213.15 | 1,213.15 | 0.00 | N/A | | | | |
| 3,800.00 | 3,330.75 | 3,283.00 | 3,330.58 | 0.00 | 6.75 | 157.03 | -583.50 | -931.04 | 1,212.83 | 1,212.83 | 0.00 | N/A | | | | |
| 3,900.00 | 3,430.75 | 3,386.15 | 3,433.74 | 0.00 | 6.96 | 157.03 | -583.39 | -930.97 | 1,212.75 | 1,212.75 | 0.00 | N/A | | | | |
| 4,000.00 | 3,530.75 | 3,483.62 | 3,531.21 | 0.00 | 7.17 | 157.01 | -583.10 | -930.73 | 1,212.58 | 1,212.58 | 0.00 | N/A | | | | |
| 4,006.27 | 3,537.02 | 3,489.89 | 3,537.48 | 0.00 | 7.18 | 157.01 | -583.09 | -930.72 | 1,212.58 | 1,212.58 | 0.00 | N/A | | | | |
| 4,100.00 | 3,630.75 | 3,502.00 | 3,549.59 | 0.00 | 7.20 | 157.01 | -583.07 | -930.68 | 1,215.29 | 1,215.29 | 0.00 | N/A | | | | |
| 4,200.00 | 3,730.75 | 3,502.00 | 3,549.59 | 0.00 | 7.20 | 157.01 | -583.07 | -930.68 | 1,226.04 | 1,226.04 | 0.00 | N/A | | | | |
| 4,300.00 | 3,830.75 | 3,502.00 | 3,549.59 | 0.00 | 7.20 | 157.01 | -583.07 | -930.68 | 1,244.75 | 1,244.75 | 0.00 | N/A | | | | |
| 4,400.00 | 3,930.75 | 3,502.00 | 3,549.59 | 0.00 | 7.20 | 157.01 | -583.07 | -930.68 | 1,271.07 | 1,271.07 | 0.00 | N/A | | | | |
| 4,500.00 | 4,030.75 | 3,502.00 | 3,549.59 | 0.00 | 7.20 | 157.01 | -583.07 | -930.68 | 1,304.56 | 1,304.56 | 0.00 | N/A | | | | |
| 4,600.00 | 4,130.75 | 3,502.00 | 3,549.59 | 0.00 | 7.20 | 157.01 | -583.07 | -930.68 | 1,344.65 | 1,344.65 | 0.00 | N/A | | | | |
| 4,700.00 | 4,230.75 | 3,502.00 | 3,549.59 | 0.00 | 7.20 | 157.01 | -583.07 | -930.68 | 1,390.80 | 1,390.80 | 0.00 | N/A | | | | |
| 4,800.00 | 4,330.75 | 3,502.00 | 3,549.59 | 0.00 | 7.20 | 157.01 | -583.07 | -930.68 | 1,442.42 | 1,442.42 | 0.00 | N/A | | | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

| | | | |
|---------------------------|-----------------------------|-------------------------------------|--------------------------------|
| Company: | Koch Exploration Co. LLC | Local Co-ordinate Reference: | Well AHU Wyatt 25-33D-2 |
| Project: | Rio Blanco County, CO NAD83 | TVD Reference: | GL 5844' & RKB 22' @ 5866.00ft |
| Reference Site: | Wyatt | MD Reference: | GL 5844' & RKB 22' @ 5866.00ft |
| Site Error: | 0.00 ft | North Reference: | True |
| Reference Well: | AHU Wyatt 25-33D-2 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OH | Database: | Grand Junction District |
| Reference Design: | Plan #1 | Offset TVD Reference: | Reference Datum |

| Offset Design Wyatt - AHU Wyatt 25-43 SWD - OH - OH | | | | | | | | | | | | | Offset Site Error: | 0.00 ft |
|---|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 130-SDI MWD | | | | | | | | | | | | | Offset Well Error: | 0.00 ft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (ft) | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft) | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | | |
| 4,900.00 | 4,430.75 | 3,502.00 | 3,549.59 | 0.00 | 7.20 | 157.01 | -583.07 | -930.68 | 1,498.93 | 1,498.93 | 0.00 | N/A | | |
| 5,000.00 | 4,530.75 | 3,502.00 | 3,549.59 | 0.00 | 7.20 | 157.01 | -583.07 | -930.68 | 1,559.82 | 1,559.82 | 0.00 | N/A | | |
| 5,100.00 | 4,630.75 | 3,502.00 | 3,549.59 | 0.00 | 7.20 | 157.01 | -583.07 | -930.68 | 1,624.58 | 1,624.58 | 0.00 | N/A | | |
| 5,200.00 | 4,730.75 | 3,502.00 | 3,549.59 | 0.00 | 7.20 | 157.01 | -583.07 | -930.68 | 1,692.78 | 1,692.78 | 0.00 | N/A | | |
| 5,300.00 | 4,830.75 | 3,502.00 | 3,549.59 | 0.00 | 7.20 | 157.01 | -583.07 | -930.68 | 1,764.01 | 1,764.01 | 0.00 | N/A | | |
| 5,400.00 | 4,930.75 | 3,502.00 | 3,549.59 | 0.00 | 7.20 | 157.01 | -583.07 | -930.68 | 1,837.92 | 1,837.92 | 0.00 | N/A | | |
| 5,500.00 | 5,030.75 | 3,502.00 | 3,549.59 | 0.00 | 7.20 | 157.01 | -583.07 | -930.68 | 1,914.21 | 1,914.21 | 0.00 | N/A | | |
| 5,600.00 | 5,130.75 | 3,502.00 | 3,549.59 | 0.00 | 7.20 | 157.01 | -583.07 | -930.68 | 1,992.59 | 1,992.59 | 0.00 | N/A | | |
| 5,700.00 | 5,230.75 | 3,502.00 | 3,549.59 | 0.00 | 7.20 | 157.01 | -583.07 | -930.68 | 2,072.84 | 2,072.84 | 0.00 | N/A | | |
| 5,800.00 | 5,330.75 | 3,502.00 | 3,549.59 | 0.00 | 7.20 | 157.01 | -583.07 | -930.68 | 2,154.74 | 2,154.74 | 0.00 | N/A | | |
| 5,900.00 | 5,430.75 | 3,502.00 | 3,549.59 | 0.00 | 7.20 | 157.01 | -583.07 | -930.68 | 2,238.11 | 2,238.11 | 0.00 | N/A | | |
| 6,000.00 | 5,530.75 | 3,502.00 | 3,549.59 | 0.00 | 7.20 | 157.01 | -583.07 | -930.68 | 2,322.79 | 2,322.79 | 0.00 | N/A | | |
| 6,100.00 | 5,630.75 | 3,502.00 | 3,549.59 | 0.00 | 7.20 | 157.01 | -583.07 | -930.68 | 2,408.65 | 2,408.65 | 0.00 | N/A | | |
| 6,200.00 | 5,730.75 | 3,502.00 | 3,549.59 | 0.00 | 7.20 | 157.01 | -583.07 | -930.68 | 2,495.56 | 2,495.56 | 0.00 | N/A | | |
| 6,300.00 | 5,830.75 | 3,502.00 | 3,549.59 | 0.00 | 7.20 | 157.01 | -583.07 | -930.68 | 2,583.42 | 2,583.42 | 0.00 | N/A | | |
| 6,400.00 | 5,930.75 | 3,502.00 | 3,549.59 | 0.00 | 7.20 | 157.01 | -583.07 | -930.68 | 2,672.13 | 2,672.13 | 0.00 | N/A | | |
| 6,500.00 | 6,030.75 | 3,502.00 | 3,549.59 | 0.00 | 7.20 | 157.01 | -583.07 | -930.68 | 2,761.62 | 2,761.62 | 0.00 | N/A | | |
| 6,600.00 | 6,130.75 | 3,502.00 | 3,549.59 | 0.00 | 7.20 | 157.01 | -583.07 | -930.68 | 2,851.80 | 2,851.80 | 0.00 | N/A | | |
| 6,700.00 | 6,230.75 | 3,502.00 | 3,549.59 | 0.00 | 7.20 | 157.01 | -583.07 | -930.68 | 2,942.62 | 2,942.62 | 0.00 | N/A | | |
| 6,800.00 | 6,330.75 | 3,502.00 | 3,549.59 | 0.00 | 7.20 | 157.01 | -583.07 | -930.68 | 3,034.01 | 3,034.01 | 0.00 | N/A | | |
| 6,900.00 | 6,430.75 | 3,502.00 | 3,549.59 | 0.00 | 7.20 | 157.01 | -583.07 | -930.68 | 3,125.93 | 3,125.93 | 0.00 | N/A | | |
| 7,000.00 | 6,530.75 | 3,502.00 | 3,549.59 | 0.00 | 7.20 | 157.01 | -583.07 | -930.68 | 3,218.34 | 3,218.34 | 0.00 | N/A | | |
| 7,100.00 | 6,630.75 | 3,502.00 | 3,549.59 | 0.00 | 7.20 | 157.01 | -583.07 | -930.68 | 3,311.18 | 3,311.18 | 0.00 | N/A | | |
| 7,200.00 | 6,730.75 | 3,502.00 | 3,549.59 | 0.00 | 7.20 | 157.01 | -583.07 | -930.68 | 3,404.43 | 3,404.43 | 0.00 | N/A | | |
| 7,300.00 | 6,830.75 | 3,502.00 | 3,549.59 | 0.00 | 7.20 | 157.01 | -583.07 | -930.68 | 3,498.05 | 3,498.05 | 0.00 | N/A | | |
| 7,400.00 | 6,930.75 | 3,502.00 | 3,549.59 | 0.00 | 7.20 | 157.01 | -583.07 | -930.68 | 3,592.02 | 3,592.02 | 0.00 | N/A | | |
| 7,500.00 | 7,030.75 | 3,502.00 | 3,549.59 | 0.00 | 7.20 | 157.01 | -583.07 | -930.68 | 3,686.31 | 3,686.31 | 0.00 | N/A | | |
| 7,600.00 | 7,130.75 | 3,502.00 | 3,549.59 | 0.00 | 7.20 | 157.01 | -583.07 | -930.68 | 3,780.88 | 3,780.88 | 0.00 | N/A | | |
| 7,700.00 | 7,230.75 | 3,502.00 | 3,549.59 | 0.00 | 7.20 | 157.01 | -583.07 | -930.68 | 3,875.73 | 3,875.73 | 0.00 | N/A | | |
| 7,800.00 | 7,330.75 | 3,502.00 | 3,549.59 | 0.00 | 7.20 | 157.01 | -583.07 | -930.68 | 3,970.84 | 3,970.84 | 0.00 | N/A | | |

| | | | |
|---------------------------|-----------------------------|-------------------------------------|--------------------------------|
| Company: | Koch Exploration Co. LLC | Local Co-ordinate Reference: | Well AHU Wyatt 25-33D-2 |
| Project: | Rio Blanco County, CO NAD83 | TVD Reference: | GL 5844' & RKB 22' @ 5866.00ft |
| Reference Site: | Wyatt | MD Reference: | GL 5844' & RKB 22' @ 5866.00ft |
| Site Error: | 0.00 ft | North Reference: | True |
| Reference Well: | AHU Wyatt 25-33D-2 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OH | Database: | Grand Junction District |
| Reference Design: | Plan #1 | Offset TVD Reference: | Reference Datum |

| Offset Design Wyatt - AHU Wyatt 25-43D-2 - OH - Plan #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 ft |
|---|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-Gyro | | | | | | | | | | | | | Offset Well Error: | 0.00 ft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (ft) | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft) | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | | |
| 0.00 | 0.00 | 0.00 | 0.50 | 0.00 | 0.00 | -89.57 | 0.11 | -14.68 | 14.69 | | | | | |
| 100.00 | 100.00 | 99.50 | 100.00 | 0.00 | 0.00 | -89.57 | 0.11 | -14.68 | 14.69 | 14.69 | 0.00 | N/A | | |
| 200.00 | 200.00 | 199.50 | 200.00 | 0.00 | 0.00 | -89.57 | 0.11 | -14.68 | 14.69 | 14.69 | 0.00 | N/A | | |
| 300.00 | 300.00 | 299.50 | 300.00 | 0.00 | 0.00 | -89.57 | 0.11 | -14.68 | 14.69 | 14.69 | 0.00 | N/A | | |
| 400.00 | 400.00 | 399.50 | 400.00 | 0.00 | 0.00 | -89.57 | 0.11 | -14.68 | 14.69 | 14.69 | 0.00 | N/A | | |
| 500.00 | 499.92 | 499.42 | 499.92 | 0.00 | 0.00 | -26.49 | 0.11 | -14.68 | 11.48 | 11.48 | 0.00 | N/A | | |
| 600.00 | 599.35 | 598.84 | 599.34 | 0.00 | 0.00 | -87.34 | 0.21 | -15.09 | 5.17 | 5.17 | 0.00 | N/A | | |
| 601.22 | 600.55 | 600.04 | 600.54 | 0.00 | 0.00 | -88.98 | 0.21 | -15.11 | 5.17 | 5.17 | 0.00 | N/A CC, ES | | |
| 700.00 | 697.81 | 698.05 | 698.48 | 0.00 | 0.00 | -157.62 | 1.01 | -18.40 | 14.85 | 14.85 | 0.00 | N/A | | |
| 800.00 | 794.82 | 797.23 | 797.42 | 0.00 | 0.00 | -168.12 | 2.61 | -25.05 | 31.91 | 31.91 | 0.00 | N/A | | |
| 900.00 | 889.91 | 896.39 | 896.04 | 0.00 | 0.00 | -171.35 | 5.02 | -35.02 | 52.80 | 52.80 | 0.00 | N/A | | |
| 1,000.00 | 982.61 | 995.50 | 994.21 | 0.00 | 0.00 | -172.72 | 8.22 | -48.29 | 77.24 | 77.24 | 0.00 | N/A | | |
| 1,100.00 | 1,072.47 | 1,094.57 | 1,091.79 | 0.00 | 0.00 | -173.37 | 12.22 | -64.85 | 105.15 | 105.15 | 0.00 | N/A | | |
| 1,200.00 | 1,159.05 | 1,193.58 | 1,188.68 | 0.00 | 0.00 | -173.69 | 17.00 | -84.66 | 136.48 | 136.48 | 0.00 | N/A | | |
| 1,300.00 | 1,241.94 | 1,291.53 | 1,283.79 | 0.00 | 0.00 | -173.83 | 22.50 | -107.41 | 171.23 | 171.23 | 0.00 | N/A | | |
| 1,400.00 | 1,320.73 | 1,383.10 | 1,372.44 | 0.00 | 0.00 | -173.98 | 27.88 | -129.71 | 211.35 | 211.35 | 0.00 | N/A | | |
| 1,500.00 | 1,395.69 | 1,472.12 | 1,458.62 | 0.00 | 0.00 | -174.26 | 33.12 | -151.39 | 256.87 | 256.87 | 0.00 | N/A | | |
| 1,600.00 | 1,470.15 | 1,560.80 | 1,544.47 | 0.00 | 0.00 | -174.54 | 38.33 | -172.99 | 303.08 | 303.08 | 0.00 | N/A | | |
| 1,700.00 | 1,544.61 | 1,649.47 | 1,630.32 | 0.00 | 0.00 | -174.75 | 43.54 | -194.58 | 349.29 | 349.29 | 0.00 | N/A | | |
| 1,800.00 | 1,619.07 | 1,738.15 | 1,716.16 | 0.00 | 0.00 | -174.91 | 48.76 | -216.18 | 395.51 | 395.51 | 0.00 | N/A | | |
| 1,900.00 | 1,693.53 | 1,826.82 | 1,802.01 | 0.00 | 0.00 | -175.03 | 53.97 | -237.77 | 441.73 | 441.73 | 0.00 | N/A | | |
| 2,000.00 | 1,767.99 | 1,915.50 | 1,887.86 | 0.00 | 0.00 | -175.13 | 59.19 | -259.37 | 487.94 | 487.94 | 0.00 | N/A | | |
| 2,100.00 | 1,842.45 | 2,004.17 | 1,973.71 | 0.00 | 0.00 | -175.21 | 64.40 | -280.96 | 534.16 | 534.16 | 0.00 | N/A | | |
| 2,200.00 | 1,916.91 | 2,092.85 | 2,059.55 | 0.00 | 0.00 | -175.28 | 69.62 | -302.56 | 580.38 | 580.38 | 0.00 | N/A | | |
| 2,300.00 | 1,991.36 | 2,181.53 | 2,145.40 | 0.00 | 0.00 | -175.34 | 74.83 | -324.15 | 626.60 | 626.60 | 0.00 | N/A | | |
| 2,400.00 | 2,065.82 | 2,270.20 | 2,231.25 | 0.00 | 0.00 | -175.40 | 80.04 | -345.75 | 672.83 | 672.83 | 0.00 | N/A | | |
| 2,500.00 | 2,140.28 | 2,358.88 | 2,317.10 | 0.00 | 0.00 | -175.44 | 85.26 | -367.34 | 719.05 | 719.05 | 0.00 | N/A | | |
| 2,600.00 | 2,215.94 | 2,448.37 | 2,403.73 | 0.00 | 0.00 | -175.57 | 90.52 | -389.14 | 763.65 | 763.65 | 0.00 | N/A | | |
| 2,700.00 | 2,295.34 | 2,540.34 | 2,492.77 | 0.00 | 0.00 | -175.68 | 95.93 | -411.54 | 802.86 | 802.86 | 0.00 | N/A | | |
| 2,800.00 | 2,378.30 | 2,625.05 | 2,574.83 | 0.00 | 0.00 | -175.73 | 100.87 | -431.99 | 836.64 | 836.64 | 0.00 | N/A | | |
| 2,900.00 | 2,464.52 | 2,700.00 | 2,647.83 | 0.00 | 0.00 | -175.78 | 104.85 | -448.50 | 866.69 | 866.69 | 0.00 | N/A | | |
| 3,000.00 | 2,553.67 | 2,772.93 | 2,719.26 | 0.00 | 0.00 | -175.82 | 108.30 | -462.78 | 893.32 | 893.32 | 0.00 | N/A | | |
| 3,100.00 | 2,645.41 | 2,847.18 | 2,792.35 | 0.00 | 0.00 | -175.86 | 111.37 | -475.49 | 916.51 | 916.51 | 0.00 | N/A | | |
| 3,200.00 | 2,739.41 | 2,921.60 | 2,865.91 | 0.00 | 0.00 | -175.89 | 114.00 | -486.38 | 936.24 | 936.24 | 0.00 | N/A | | |
| 3,300.00 | 2,835.32 | 3,000.00 | 2,943.71 | 0.00 | 0.00 | -175.91 | 116.28 | -495.85 | 952.49 | 952.49 | 0.00 | N/A | | |
| 3,400.00 | 2,932.77 | 3,070.81 | 3,014.17 | 0.00 | 0.00 | -175.93 | 117.92 | -502.61 | 965.22 | 965.22 | 0.00 | N/A | | |
| 3,500.00 | 3,031.41 | 3,145.55 | 3,088.71 | 0.00 | 0.00 | -175.94 | 119.20 | -507.92 | 974.45 | 974.45 | 0.00 | N/A | | |
| 3,600.00 | 3,130.86 | 3,220.35 | 3,163.43 | 0.00 | 0.00 | -175.94 | 120.02 | -511.33 | 980.15 | 980.15 | 0.00 | N/A | | |
| 3,700.00 | 3,230.75 | 3,300.00 | 3,243.06 | 0.00 | 0.00 | -175.94 | 120.40 | -512.88 | 982.35 | 982.35 | 0.00 | N/A | | |
| 3,756.27 | 3,287.02 | 3,343.96 | 3,287.02 | 0.00 | 0.00 | -175.94 | 120.41 | -512.93 | 982.69 | 982.69 | 0.00 | N/A | | |
| 3,800.00 | 3,330.75 | 3,387.69 | 3,330.75 | 0.00 | 0.00 | 114.85 | 120.41 | -512.93 | 982.33 | 982.33 | 0.00 | N/A | | |
| 3,900.00 | 3,430.75 | 3,487.69 | 3,430.75 | 0.00 | 0.00 | 114.85 | 120.41 | -512.93 | 982.33 | 982.33 | 0.00 | N/A | | |
| 4,000.00 | 3,530.75 | 3,587.69 | 3,530.75 | 0.00 | 0.00 | 114.85 | 120.41 | -512.93 | 982.33 | 982.33 | 0.00 | N/A | | |
| 4,100.00 | 3,630.75 | 3,687.69 | 3,630.75 | 0.00 | 0.00 | 114.85 | 120.41 | -512.93 | 982.33 | 982.33 | 0.00 | N/A | | |
| 4,200.00 | 3,730.75 | 3,787.69 | 3,730.75 | 0.00 | 0.00 | 114.85 | 120.41 | -512.93 | 982.33 | 982.33 | 0.00 | N/A | | |
| 4,300.00 | 3,830.75 | 3,887.69 | 3,830.75 | 0.00 | 0.00 | 114.85 | 120.41 | -512.93 | 982.33 | 982.33 | 0.00 | N/A | | |
| 4,400.00 | 3,930.75 | 3,987.69 | 3,930.75 | 0.00 | 0.00 | 114.85 | 120.41 | -512.93 | 982.33 | 982.33 | 0.00 | N/A | | |
| 4,500.00 | 4,030.75 | 4,087.69 | 4,030.75 | 0.00 | 0.00 | 114.85 | 120.41 | -512.93 | 982.33 | 982.33 | 0.00 | N/A | | |
| 4,600.00 | 4,130.75 | 4,187.69 | 4,130.75 | 0.00 | 0.00 | 114.85 | 120.41 | -512.93 | 982.33 | 982.33 | 0.00 | N/A | | |
| 4,700.00 | 4,230.75 | 4,287.69 | 4,230.75 | 0.00 | 0.00 | 114.85 | 120.41 | -512.93 | 982.33 | 982.33 | 0.00 | N/A | | |
| 4,800.00 | 4,330.75 | 4,387.69 | 4,330.75 | 0.00 | 0.00 | 114.85 | 120.41 | -512.93 | 982.33 | 982.33 | 0.00 | N/A | | |
| 4,900.00 | 4,430.75 | 4,487.69 | 4,430.75 | 0.00 | 0.00 | 114.85 | 120.41 | -512.93 | 982.33 | 982.33 | 0.00 | N/A | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

| | | | |
|---------------------------|-----------------------------|-------------------------------------|--------------------------------|
| Company: | Koch Exploration Co. LLC | Local Co-ordinate Reference: | Well AHU Wyatt 25-33D-2 |
| Project: | Rio Blanco County, CO NAD83 | TVD Reference: | GL 5844' & RKB 22' @ 5866.00ft |
| Reference Site: | Wyatt | MD Reference: | GL 5844' & RKB 22' @ 5866.00ft |
| Site Error: | 0.00 ft | North Reference: | True |
| Reference Well: | AHU Wyatt 25-33D-2 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OH | Database: | Grand Junction District |
| Reference Design: | Plan #1 | Offset TVD Reference: | Reference Datum |

| Offset Design Wyatt - AHU Wyatt 25-43D-2 - OH - Plan #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 ft |
|---|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-Gyro | | | | | | | | | | | | | Offset Well Error: | 0.00 ft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (ft) | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft) | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | | |
| 5,000.00 | 4,530.75 | 4,587.69 | 4,530.75 | 0.00 | 0.00 | 114.85 | 120.41 | -512.93 | 982.33 | 982.33 | 0.00 | N/A | | |
| 5,100.00 | 4,630.75 | 4,687.69 | 4,630.75 | 0.00 | 0.00 | 114.85 | 120.41 | -512.93 | 982.33 | 982.33 | 0.00 | N/A | | |
| 5,200.00 | 4,730.75 | 4,787.69 | 4,730.75 | 0.00 | 0.00 | 114.85 | 120.41 | -512.93 | 982.33 | 982.33 | 0.00 | N/A | | |
| 5,300.00 | 4,830.75 | 4,887.69 | 4,830.75 | 0.00 | 0.00 | 114.85 | 120.41 | -512.93 | 982.33 | 982.33 | 0.00 | N/A | | |
| 5,400.00 | 4,930.75 | 4,987.69 | 4,930.75 | 0.00 | 0.00 | 114.85 | 120.41 | -512.93 | 982.33 | 982.33 | 0.00 | N/A | | |
| 5,500.00 | 5,030.75 | 5,087.69 | 5,030.75 | 0.00 | 0.00 | 114.85 | 120.41 | -512.93 | 982.33 | 982.33 | 0.00 | N/A | | |
| 5,600.00 | 5,130.75 | 5,187.69 | 5,130.75 | 0.00 | 0.00 | 114.85 | 120.41 | -512.93 | 982.33 | 982.33 | 0.00 | N/A | | |
| 5,700.00 | 5,230.75 | 5,287.69 | 5,230.75 | 0.00 | 0.00 | 114.85 | 120.41 | -512.93 | 982.33 | 982.33 | 0.00 | N/A | | |
| 5,800.00 | 5,330.75 | 5,387.69 | 5,330.75 | 0.00 | 0.00 | 114.85 | 120.41 | -512.93 | 982.33 | 982.33 | 0.00 | N/A | | |
| 5,900.00 | 5,430.75 | 5,487.69 | 5,430.75 | 0.00 | 0.00 | 114.85 | 120.41 | -512.93 | 982.33 | 982.33 | 0.00 | N/A | | |
| 6,000.00 | 5,530.75 | 5,587.69 | 5,530.75 | 0.00 | 0.00 | 114.85 | 120.41 | -512.93 | 982.33 | 982.33 | 0.00 | N/A | | |
| 6,100.00 | 5,630.75 | 5,687.69 | 5,630.75 | 0.00 | 0.00 | 114.85 | 120.41 | -512.93 | 982.33 | 982.33 | 0.00 | N/A | | |
| 6,200.00 | 5,730.75 | 5,787.69 | 5,730.75 | 0.00 | 0.00 | 114.85 | 120.41 | -512.93 | 982.33 | 982.33 | 0.00 | N/A | | |
| 6,300.00 | 5,830.75 | 5,887.69 | 5,830.75 | 0.00 | 0.00 | 114.85 | 120.41 | -512.93 | 982.33 | 982.33 | 0.00 | N/A | | |
| 6,400.00 | 5,930.75 | 5,987.69 | 5,930.75 | 0.00 | 0.00 | 114.85 | 120.41 | -512.93 | 982.33 | 982.33 | 0.00 | N/A | | |
| 6,500.00 | 6,030.75 | 6,087.69 | 6,030.75 | 0.00 | 0.00 | 114.85 | 120.41 | -512.93 | 982.33 | 982.33 | 0.00 | N/A | | |
| 6,600.00 | 6,130.75 | 6,187.69 | 6,130.75 | 0.00 | 0.00 | 114.85 | 120.41 | -512.93 | 982.33 | 982.33 | 0.00 | N/A | | |
| 6,700.00 | 6,230.75 | 6,287.69 | 6,230.75 | 0.00 | 0.00 | 114.85 | 120.41 | -512.93 | 982.33 | 982.33 | 0.00 | N/A | | |
| 6,800.00 | 6,330.75 | 6,387.69 | 6,330.75 | 0.00 | 0.00 | 114.85 | 120.41 | -512.93 | 982.33 | 982.33 | 0.00 | N/A | | |
| 6,900.00 | 6,430.75 | 6,487.69 | 6,430.75 | 0.00 | 0.00 | 114.85 | 120.41 | -512.93 | 982.33 | 982.33 | 0.00 | N/A | | |
| 7,000.00 | 6,530.75 | 6,587.69 | 6,530.75 | 0.00 | 0.00 | 114.85 | 120.41 | -512.93 | 982.33 | 982.33 | 0.00 | N/A | | |
| 7,100.00 | 6,630.75 | 6,687.69 | 6,630.75 | 0.00 | 0.00 | 114.85 | 120.41 | -512.93 | 982.33 | 982.33 | 0.00 | N/A | | |
| 7,200.00 | 6,730.75 | 6,787.69 | 6,730.75 | 0.00 | 0.00 | 114.85 | 120.41 | -512.93 | 982.33 | 982.33 | 0.00 | N/A | | |
| 7,300.00 | 6,830.75 | 6,887.69 | 6,830.75 | 0.00 | 0.00 | 114.85 | 120.41 | -512.93 | 982.33 | 982.33 | 0.00 | N/A | | |
| 7,400.00 | 6,930.75 | 6,987.69 | 6,930.75 | 0.00 | 0.00 | 114.85 | 120.41 | -512.93 | 982.33 | 982.33 | 0.00 | N/A | | |
| 7,500.00 | 7,030.75 | 7,087.69 | 7,030.75 | 0.00 | 0.00 | 114.85 | 120.41 | -512.93 | 982.33 | 982.33 | 0.00 | N/A | | |
| 7,600.00 | 7,130.75 | 7,187.69 | 7,130.75 | 0.00 | 0.00 | 114.85 | 120.41 | -512.93 | 982.33 | 982.33 | 0.00 | N/A | | |
| 7,700.00 | 7,230.75 | 7,287.69 | 7,230.75 | 0.00 | 0.00 | 114.85 | 120.41 | -512.93 | 982.33 | 982.33 | 0.00 | N/A | | |
| 7,800.00 | 7,330.75 | 7,387.69 | 7,330.75 | 0.00 | 0.00 | 114.85 | 120.41 | -512.93 | 982.33 | 982.33 | 0.00 | N/A | | |

| | | | |
|---------------------------|-----------------------------|-------------------------------------|--------------------------------|
| Company: | Koch Exploration Co. LLC | Local Co-ordinate Reference: | Well AHU Wyatt 25-33D-2 |
| Project: | Rio Blanco County, CO NAD83 | TVD Reference: | GL 5844' & RKB 22' @ 5866.00ft |
| Reference Site: | Wyatt | MD Reference: | GL 5844' & RKB 22' @ 5866.00ft |
| Site Error: | 0.00 ft | North Reference: | True |
| Reference Well: | AHU Wyatt 25-33D-2 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OH | Database: | Grand Junction District |
| Reference Design: | Plan #1 | Offset TVD Reference: | Reference Datum |

| Offset Design Wyatt - AHU Wyatt 25-44D-3 - OH - Plan #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 ft |
|---|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-Gyro | | | | | | | | | | | | | Offset Well Error: | 0.00 ft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth (ft) | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft) | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | | |
| 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 90.42 | -0.22 | 30.07 | 30.07 | | | | | |
| 100.00 | 100.00 | 101.00 | 100.00 | 0.00 | 0.00 | 90.42 | -0.22 | 30.07 | 30.07 | 30.07 | 0.00 | N/A | | |
| 200.00 | 200.00 | 201.00 | 200.00 | 0.00 | 0.00 | 90.42 | -0.22 | 30.07 | 30.07 | 30.07 | 0.00 | N/A | | |
| 300.00 | 300.00 | 301.00 | 300.00 | 0.00 | 0.00 | 90.42 | -0.22 | 30.07 | 30.07 | 30.07 | 0.00 | N/A | | |
| 366.33 | 366.33 | 367.33 | 366.33 | 0.00 | 0.00 | 90.42 | -0.22 | 30.07 | 30.07 | 30.07 | 0.00 | N/A | CC, ES | |
| 400.00 | 400.00 | 400.99 | 399.99 | 0.00 | 0.00 | 90.42 | -0.22 | 30.07 | 30.07 | 30.07 | 0.00 | N/A | | |
| 500.00 | 499.92 | 500.00 | 498.94 | 0.00 | 0.00 | 165.03 | -2.41 | 32.19 | 35.65 | 35.65 | 0.00 | N/A | | |
| 600.00 | 599.35 | 595.38 | 593.92 | 0.00 | 0.00 | 173.88 | -8.59 | 38.16 | 53.23 | 53.23 | 0.00 | N/A | | |
| 700.00 | 697.81 | 687.08 | 684.61 | 0.00 | 0.00 | -179.85 | -18.27 | 47.52 | 83.27 | 83.27 | 0.00 | N/A | | |
| 800.00 | 794.82 | 772.73 | 768.52 | 0.00 | 0.00 | -176.10 | -30.59 | 59.44 | 124.95 | 124.95 | 0.00 | N/A | | |
| 900.00 | 889.91 | 851.07 | 844.39 | 0.00 | 0.00 | -173.77 | -44.61 | 73.00 | 177.14 | 177.14 | 0.00 | N/A | | |
| 1,000.00 | 982.61 | 921.34 | 911.57 | 0.00 | 0.00 | -172.15 | -59.39 | 87.29 | 238.67 | 238.67 | 0.00 | N/A | | |
| 1,100.00 | 1,072.47 | 983.17 | 969.92 | 0.00 | 0.00 | -170.87 | -74.10 | 101.52 | 308.34 | 308.34 | 0.00 | N/A | | |
| 1,200.00 | 1,159.05 | 1,036.56 | 1,019.64 | 0.00 | 0.00 | -169.70 | -88.07 | 115.03 | 384.99 | 384.99 | 0.00 | N/A | | |
| 1,300.00 | 1,241.94 | 1,081.75 | 1,061.22 | 0.00 | 0.00 | -168.47 | -100.80 | 127.34 | 467.53 | 467.53 | 0.00 | N/A | | |
| 1,400.00 | 1,320.73 | 1,119.16 | 1,095.25 | 0.00 | 0.00 | -167.01 | -111.96 | 138.13 | 554.92 | 554.92 | 0.00 | N/A | | |
| 1,500.00 | 1,395.69 | 1,149.94 | 1,122.98 | 0.00 | 0.00 | -166.30 | -121.56 | 147.41 | 645.87 | 645.87 | 0.00 | N/A | | |
| 1,600.00 | 1,470.15 | 1,187.67 | 1,156.62 | 0.00 | 0.00 | -166.49 | -133.83 | 159.28 | 737.90 | 737.90 | 0.00 | N/A | | |
| 1,700.00 | 1,544.61 | 1,211.82 | 1,178.04 | 0.00 | 0.00 | -166.58 | -141.87 | 167.05 | 830.25 | 830.25 | 0.00 | N/A | | |
| 1,800.00 | 1,619.07 | 1,249.87 | 1,211.76 | 0.00 | 0.00 | -166.69 | -154.52 | 179.29 | 922.73 | 922.73 | 0.00 | N/A | | |
| 1,900.00 | 1,693.53 | 1,287.91 | 1,245.49 | 0.00 | 0.00 | -166.78 | -167.18 | 191.53 | 1,015.20 | 1,015.20 | 0.00 | N/A | | |
| 2,000.00 | 1,767.99 | 1,325.96 | 1,279.22 | 0.00 | 0.00 | -166.86 | -179.84 | 203.77 | 1,107.68 | 1,107.68 | 0.00 | N/A | | |
| 2,100.00 | 1,842.45 | 1,364.00 | 1,312.94 | 0.00 | 0.00 | -166.93 | -192.49 | 216.01 | 1,200.16 | 1,200.16 | 0.00 | N/A | | |
| 2,200.00 | 1,916.91 | 1,402.05 | 1,346.67 | 0.00 | 0.00 | -166.98 | -205.15 | 228.25 | 1,292.64 | 1,292.64 | 0.00 | N/A | | |
| 2,300.00 | 1,991.36 | 1,440.09 | 1,380.39 | 0.00 | 0.00 | -167.03 | -217.81 | 240.49 | 1,385.12 | 1,385.12 | 0.00 | N/A | | |
| 2,400.00 | 2,065.82 | 1,478.14 | 1,414.12 | 0.00 | 0.00 | -167.07 | -230.47 | 252.73 | 1,477.60 | 1,477.60 | 0.00 | N/A | | |
| 2,500.00 | 2,140.28 | 1,516.18 | 1,447.84 | 0.00 | 0.00 | -167.11 | -243.12 | 264.97 | 1,570.08 | 1,570.08 | 0.00 | N/A | | |
| 2,600.00 | 2,215.94 | 1,555.86 | 1,483.02 | 0.00 | 0.00 | -168.42 | -256.32 | 277.74 | 1,661.86 | 1,661.86 | 0.00 | N/A | | |
| 2,700.00 | 2,295.34 | 1,600.80 | 1,522.85 | 0.00 | 0.00 | -169.65 | -271.27 | 292.20 | 1,751.16 | 1,751.16 | 0.00 | N/A | | |
| 2,800.00 | 2,378.30 | 1,650.97 | 1,567.33 | 0.00 | 0.00 | -170.53 | -287.96 | 308.34 | 1,837.61 | 1,837.61 | 0.00 | N/A | | |
| 2,900.00 | 2,464.52 | 1,706.19 | 1,616.28 | 0.00 | 0.00 | -171.16 | -306.34 | 326.10 | 1,920.89 | 1,920.89 | 0.00 | N/A | | |
| 3,000.00 | 2,553.67 | 1,766.26 | 1,669.52 | 0.00 | 0.00 | -171.63 | -326.32 | 345.43 | 2,000.68 | 2,000.68 | 0.00 | N/A | | |
| 3,100.00 | 2,645.41 | 1,830.93 | 1,726.86 | 0.00 | 0.00 | -171.96 | -347.84 | 366.24 | 2,076.70 | 2,076.70 | 0.00 | N/A | | |
| 3,200.00 | 2,739.41 | 1,899.99 | 1,788.07 | 0.00 | 0.00 | -172.19 | -370.81 | 388.45 | 2,148.68 | 2,148.68 | 0.00 | N/A | | |
| 3,300.00 | 2,835.32 | 1,973.17 | 1,852.94 | 0.00 | 0.00 | -172.35 | -395.15 | 412.00 | 2,216.36 | 2,216.36 | 0.00 | N/A | | |
| 3,400.00 | 2,932.77 | 2,050.19 | 1,921.21 | 0.00 | 0.00 | -172.43 | -420.78 | 436.78 | 2,279.49 | 2,279.49 | 0.00 | N/A | | |
| 3,500.00 | 3,031.41 | 2,130.76 | 1,992.64 | 0.00 | 0.00 | -172.46 | -447.58 | 462.70 | 2,337.85 | 2,337.85 | 0.00 | N/A | | |
| 3,600.00 | 3,130.86 | 2,214.60 | 2,066.96 | 0.00 | 0.00 | -172.45 | -475.48 | 489.67 | 2,391.24 | 2,391.24 | 0.00 | N/A | | |
| 3,700.00 | 3,230.75 | 2,301.38 | 2,143.89 | 0.00 | 0.00 | -172.38 | -504.35 | 517.59 | 2,439.47 | 2,439.47 | 0.00 | N/A | | |
| 3,800.00 | 3,330.75 | 2,389.98 | 2,222.43 | 0.00 | 0.00 | 118.68 | -533.82 | 546.10 | 2,484.15 | 2,484.15 | 0.00 | N/A | | |
| 3,900.00 | 3,430.75 | 2,478.63 | 2,301.01 | 0.00 | 0.00 | 118.99 | -563.31 | 574.62 | 2,528.80 | 2,528.80 | 0.00 | N/A | | |
| 4,000.00 | 3,530.75 | 2,567.60 | 2,379.75 | 0.00 | 0.00 | 120.88 | -593.80 | 603.13 | 2,573.16 | 2,573.16 | 0.00 | N/A | | |
| 4,100.00 | 3,630.75 | 2,660.60 | 2,460.75 | 0.00 | 0.00 | 120.88 | -624.29 | 631.64 | 2,617.52 | 2,617.52 | 0.00 | N/A | | |
| 4,200.00 | 3,730.75 | 2,753.60 | 2,543.75 | 0.00 | 0.00 | 120.88 | -654.78 | 660.15 | 2,661.88 | 2,661.88 | 0.00 | N/A | | |
| 4,300.00 | 3,830.75 | 2,846.60 | 2,626.75 | 0.00 | 0.00 | 120.88 | -685.27 | 688.66 | 2,706.24 | 2,706.24 | 0.00 | N/A | | |
| 4,400.00 | 3,930.75 | 2,939.60 | 2,709.75 | 0.00 | 0.00 | 120.88 | -715.76 | 717.17 | 2,750.59 | 2,750.59 | 0.00 | N/A | | |
| 4,500.00 | 4,030.75 | 3,032.60 | 2,792.75 | 0.00 | 0.00 | 120.88 | -746.25 | 744.68 | 2,794.94 | 2,794.94 | 0.00 | N/A | | |
| 4,600.00 | 4,130.75 | 3,125.60 | 2,875.75 | 0.00 | 0.00 | 120.88 | -776.74 | 772.19 | 2,839.29 | 2,839.29 | 0.00 | N/A | | |
| 4,700.00 | 4,230.75 | 3,218.60 | 2,958.75 | 0.00 | 0.00 | 120.88 | -807.23 | 800.70 | 2,883.64 | 2,883.64 | 0.00 | N/A | | |
| 4,800.00 | 4,330.75 | 3,311.60 | 3,041.75 | 0.00 | 0.00 | 120.88 | -837.72 | 829.21 | 2,927.99 | 2,927.99 | 0.00 | N/A | | |
| 4,900.00 | 4,430.75 | 3,404.60 | 3,124.75 | 0.00 | 0.00 | 120.88 | -868.21 | 858.72 | 2,972.34 | 2,972.34 | 0.00 | N/A | | |
| 5,000.00 | 4,530.75 | 3,497.60 | 3,207.75 | 0.00 | 0.00 | 120.88 | -898.70 | 888.23 | 3,016.69 | 3,016.69 | 0.00 | N/A | | |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

| | | | |
|---------------------------|-----------------------------|-------------------------------------|--------------------------------|
| Company: | Koch Exploration Co. LLC | Local Co-ordinate Reference: | Well AHU Wyatt 25-33D-2 |
| Project: | Rio Blanco County, CO NAD83 | TVD Reference: | GL 5844' & RKB 22' @ 5866.00ft |
| Reference Site: | Wyatt | MD Reference: | GL 5844' & RKB 22' @ 5866.00ft |
| Site Error: | 0.00 ft | North Reference: | True |
| Reference Well: | AHU Wyatt 25-33D-2 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OH | Database: | Grand Junction District |
| Reference Design: | Plan #1 | Offset TVD Reference: | Reference Datum |

| Offset Design Wyatt - AHU Wyatt 25-44D-3 - OH - Plan #1 | | | | | | | | | | | | | Offset Site Error: | 0.00 ft |
|---|---------------------------|---------------------------|---------------------------|-------------------|----------------|-----------------------------|---|---------------|----------------------------|-----------------------------|-------------------------------|----------------------|--------------------|---------|
| Survey Program: 0-Gyro | | | | | | | | | | | | | Offset Well Error: | 0.00 ft |
| Reference | | Offset | | Semi Major Axis | | Highside Toolface (°) | Distance | | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor | Warning | |
| Measured Depth (ft) | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft) | Offset (ft) | | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | | | | | | |
| 5,100.00 | 4,630.75 | 4,860.60 | 4,630.75 | 0.00 | 0.00 | 120.88 | -769.52 | 774.03 | 2,538.16 | 2,538.16 | 0.00 | N/A | | |
| 5,200.00 | 4,730.75 | 4,960.60 | 4,730.75 | 0.00 | 0.00 | 120.88 | -769.52 | 774.03 | 2,538.16 | 2,538.16 | 0.00 | N/A | | |
| 5,300.00 | 4,830.75 | 5,060.60 | 4,830.75 | 0.00 | 0.00 | 120.88 | -769.52 | 774.03 | 2,538.16 | 2,538.16 | 0.00 | N/A | | |
| 5,400.00 | 4,930.75 | 5,160.60 | 4,930.75 | 0.00 | 0.00 | 120.88 | -769.52 | 774.03 | 2,538.16 | 2,538.16 | 0.00 | N/A | | |
| 5,500.00 | 5,030.75 | 5,260.60 | 5,030.75 | 0.00 | 0.00 | 120.88 | -769.52 | 774.03 | 2,538.16 | 2,538.16 | 0.00 | N/A | | |
| 5,600.00 | 5,130.75 | 5,360.60 | 5,130.75 | 0.00 | 0.00 | 120.88 | -769.52 | 774.03 | 2,538.16 | 2,538.16 | 0.00 | N/A | | |
| 5,700.00 | 5,230.75 | 5,460.60 | 5,230.75 | 0.00 | 0.00 | 120.88 | -769.52 | 774.03 | 2,538.16 | 2,538.16 | 0.00 | N/A | | |
| 5,800.00 | 5,330.75 | 5,560.60 | 5,330.75 | 0.00 | 0.00 | 120.88 | -769.52 | 774.03 | 2,538.16 | 2,538.16 | 0.00 | N/A | | |
| 5,900.00 | 5,430.75 | 5,660.60 | 5,430.75 | 0.00 | 0.00 | 120.88 | -769.52 | 774.03 | 2,538.16 | 2,538.16 | 0.00 | N/A | | |
| 6,000.00 | 5,530.75 | 5,760.60 | 5,530.75 | 0.00 | 0.00 | 120.88 | -769.52 | 774.03 | 2,538.16 | 2,538.16 | 0.00 | N/A | | |
| 6,100.00 | 5,630.75 | 5,860.60 | 5,630.75 | 0.00 | 0.00 | 120.88 | -769.52 | 774.03 | 2,538.16 | 2,538.16 | 0.00 | N/A | | |
| 6,200.00 | 5,730.75 | 5,960.60 | 5,730.75 | 0.00 | 0.00 | 120.88 | -769.52 | 774.03 | 2,538.16 | 2,538.16 | 0.00 | N/A | | |
| 6,300.00 | 5,830.75 | 6,060.60 | 5,830.75 | 0.00 | 0.00 | 120.88 | -769.52 | 774.03 | 2,538.16 | 2,538.16 | 0.00 | N/A | | |
| 6,400.00 | 5,930.75 | 6,160.60 | 5,930.75 | 0.00 | 0.00 | 120.88 | -769.52 | 774.03 | 2,538.16 | 2,538.16 | 0.00 | N/A | | |
| 6,500.00 | 6,030.75 | 6,260.60 | 6,030.75 | 0.00 | 0.00 | 120.88 | -769.52 | 774.03 | 2,538.16 | 2,538.16 | 0.00 | N/A | | |
| 6,600.00 | 6,130.75 | 6,360.60 | 6,130.75 | 0.00 | 0.00 | 120.88 | -769.52 | 774.03 | 2,538.16 | 2,538.16 | 0.00 | N/A | | |
| 6,700.00 | 6,230.75 | 6,460.60 | 6,230.75 | 0.00 | 0.00 | 120.88 | -769.52 | 774.03 | 2,538.16 | 2,538.16 | 0.00 | N/A | | |
| 6,800.00 | 6,330.75 | 6,560.60 | 6,330.75 | 0.00 | 0.00 | 120.88 | -769.52 | 774.03 | 2,538.16 | 2,538.16 | 0.00 | N/A | | |
| 6,900.00 | 6,430.75 | 6,660.60 | 6,430.75 | 0.00 | 0.00 | 120.88 | -769.52 | 774.03 | 2,538.16 | 2,538.16 | 0.00 | N/A | | |
| 7,000.00 | 6,530.75 | 6,760.60 | 6,530.75 | 0.00 | 0.00 | 120.88 | -769.52 | 774.03 | 2,538.16 | 2,538.16 | 0.00 | N/A | | |
| 7,100.00 | 6,630.75 | 6,860.60 | 6,630.75 | 0.00 | 0.00 | 120.88 | -769.52 | 774.03 | 2,538.16 | 2,538.16 | 0.00 | N/A | | |
| 7,200.00 | 6,730.75 | 6,960.60 | 6,730.75 | 0.00 | 0.00 | 120.88 | -769.52 | 774.03 | 2,538.16 | 2,538.16 | 0.00 | N/A | | |
| 7,300.00 | 6,830.75 | 7,060.60 | 6,830.75 | 0.00 | 0.00 | 120.88 | -769.52 | 774.03 | 2,538.16 | 2,538.16 | 0.00 | N/A | | |
| 7,400.00 | 6,930.75 | 7,160.60 | 6,930.75 | 0.00 | 0.00 | 120.88 | -769.52 | 774.03 | 2,538.16 | 2,538.16 | 0.00 | N/A | | |
| 7,500.00 | 7,030.75 | 7,260.60 | 7,030.75 | 0.00 | 0.00 | 120.88 | -769.52 | 774.03 | 2,538.16 | 2,538.16 | 0.00 | N/A | | |
| 7,600.00 | 7,130.75 | 7,360.60 | 7,130.75 | 0.00 | 0.00 | 120.88 | -769.52 | 774.03 | 2,538.16 | 2,538.16 | 0.00 | N/A | | |
| 7,700.00 | 7,230.75 | 7,460.60 | 7,230.75 | 0.00 | 0.00 | 120.88 | -769.52 | 774.03 | 2,538.16 | 2,538.16 | 0.00 | N/A | | |
| 7,800.00 | 7,330.75 | 7,560.60 | 7,330.75 | 0.00 | 0.00 | 120.88 | -769.52 | 774.03 | 2,538.16 | 2,538.16 | 0.00 | N/A | | |

| | | | |
|---------------------------|-----------------------------|-------------------------------------|--------------------------------|
| Company: | Koch Exploration Co. LLC | Local Co-ordinate Reference: | Well AHU Wyatt 25-33D-2 |
| Project: | Rio Blanco County, CO NAD83 | TVD Reference: | GL 5844' & RKB 22' @ 5866.00ft |
| Reference Site: | Wyatt | MD Reference: | GL 5844' & RKB 22' @ 5866.00ft |
| Site Error: | 0.00 ft | North Reference: | True |
| Reference Well: | AHU Wyatt 25-33D-2 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OH | Database: | Grand Junction District |
| Reference Design: | Plan #1 | Offset TVD Reference: | Reference Datum |

Reference Depths are relative to GL 5844' & RKB 22' @ 5866.00ft

Offset Depths are relative to Offset Datum

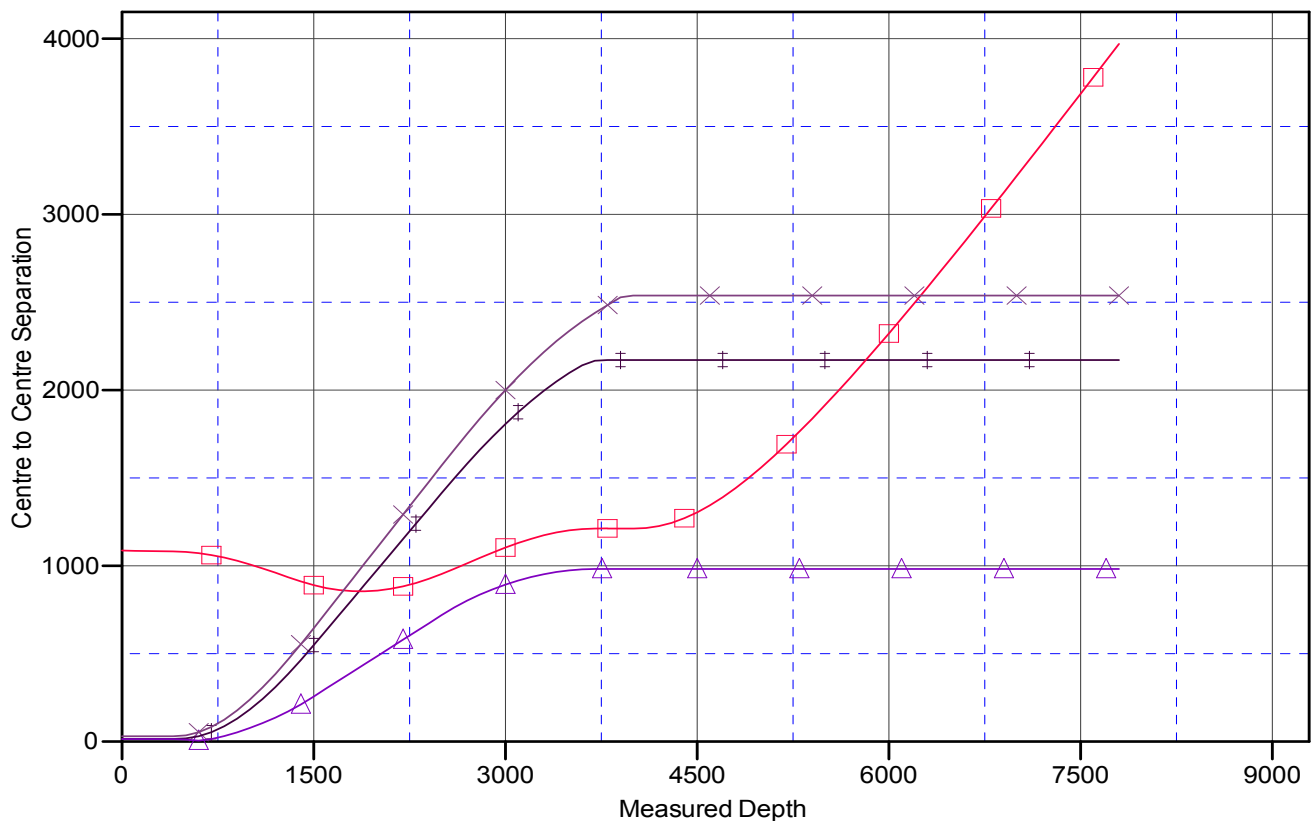
Central Meridian is -105.5000000

Coordinates are relative to: AHU Wyatt 25-33D-2





Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: -1.76°

Ladder Plot



LEGEND

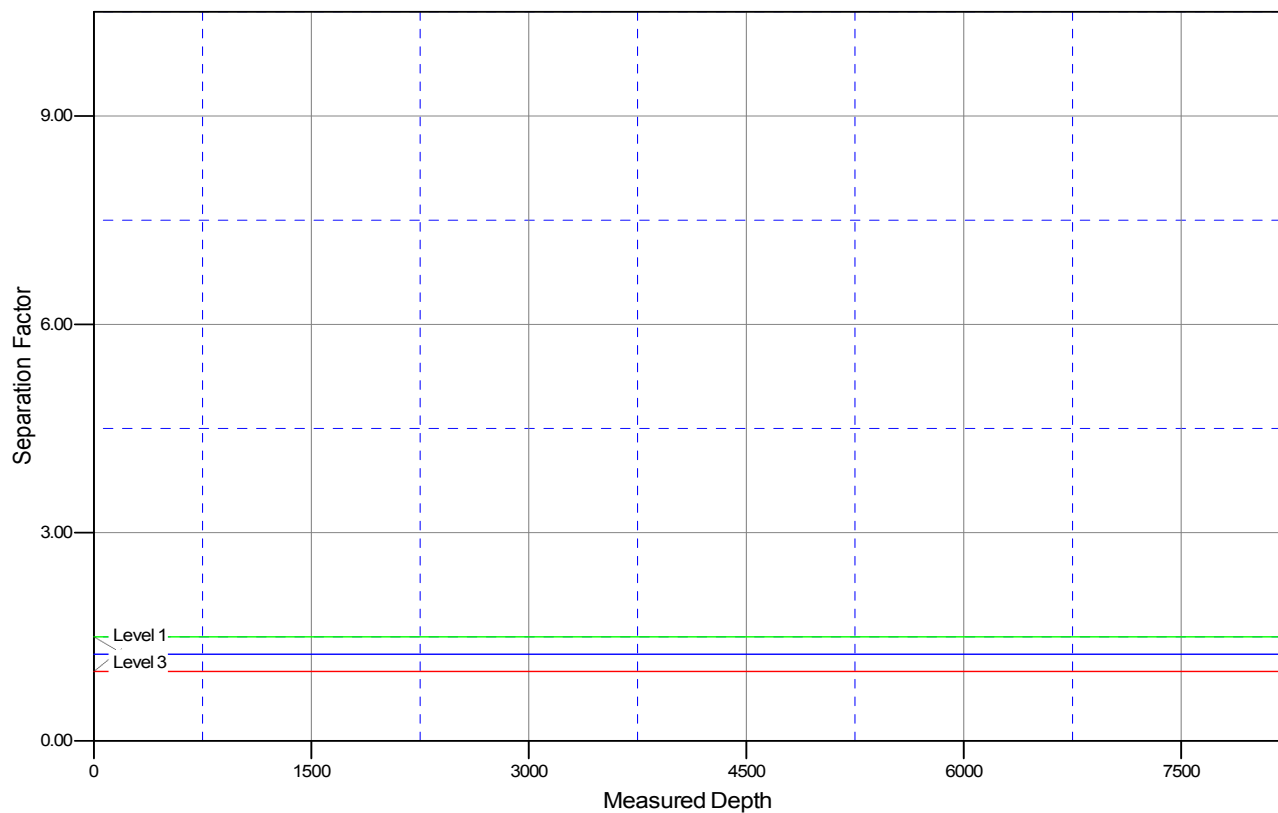
-  AHU Wyatt 25-34D-2, OH, Plan #1 V0
-  AHU Wyatt 25-43 SWD, OH, OH V0
-  AHU Wyatt 25-43D-2, OH, Plan #1 V0
-  AHU Wyatt 25-44D-3, OH, Plan #1 V0

| | | | |
|---------------------------|-----------------------------|-------------------------------------|--------------------------------|
| Company: | Koch Exploration Co. LLC | Local Co-ordinate Reference: | Well AHU Wyatt 25-33D-2 |
| Project: | Rio Blanco County, CO NAD83 | TVD Reference: | GL 5844' & RKB 22' @ 5866.00ft |
| Reference Site: | Wyatt | MD Reference: | GL 5844' & RKB 22' @ 5866.00ft |
| Site Error: | 0.00 ft | North Reference: | True |
| Reference Well: | AHU Wyatt 25-33D-2 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.00 ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | OH | Database: | Grand Junction District |
| Reference Design: | Plan #1 | Offset TVD Reference: | Reference Datum |

Reference Depths are relative to GL 5844' & RKB 22' @ 5866.00ft
 Offset Depths are relative to Offset Datum
 Central Meridian is -105.5000000

Coordinates are relative to: AHU Wyatt 25-33D-2
 Coordinate System is US State Plane 1983, Colorado Northern Zone
 Grid Convergence at Surface is: -1.76°

Separation Factor Plot



LEGEND

- ✱ AHU Wyatt 25-34D-2, OH, Plan #1 V0
 ✱ AHU Wyatt 25-43D-2, OH, Plan #1 V0
- ✱ AHU Wyatt 25-43 SWD, OH, OH V0
 ✱ AHU Wyatt 25-44D-3, OH, Plan #1 V0