



Weld County, Colorado
Section 31-T01N-R65W
Walla 5-6-2L
plan1

Azimuth Corrections:

To convert a Magnetic Direction to a True Direction, Add 8.27° East

| Walla 5-6-2L | | | |
|--|------------|-------------|---------------|
| NAD83 Colorado - HARN | | | |
| Universal Transverse Mercator (US Survey Feet) | | | |
| Zone 13N (108 W to 102 W) | | | |
| RKB-5041+25 @ 5066.00ft | | | |
| Northing | Easting | Latitude | Longitude |
| 14527929.14 | 1724705.98 | 40.00289269 | -104.69900904 |

Section Details

| Sec | MD | Inc | Azi | TVD | +N/-S | +E/-W | Dleg | Vsect | Annotation |
|-----|----------|-------|--------|---------|-----------|---------|-------|----------|---------------------------------|
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 2 | 5000.00 | 0.00 | 0.00 | 5000.00 | 0.00 | 0.00 | 0.00 | 0.00 | KOP Begin 10°/100' build |
| 3 | 5591.59 | 59.16 | 105.49 | 5491.94 | -74.56 | 269.09 | 10.00 | 146.49 | Begin 59.16° tangent section |
| 4 | 8577.07 | 59.16 | 105.49 | 7022.45 | -759.03 | 2739.33 | 0.00 | 1491.29 | Begin 10°/100' build/tur |
| 5 | 9346.61 | 89.99 | 180.25 | 7256.00 | -1318.80 | 3114.12 | 10.00 | 2133.24 | LP Begin 89.99° lateral section |
| 6 | 18636.43 | 89.99 | 180.25 | 7258.00 | -10608.53 | 3073.28 | 0.00 | 11044.73 | PBHL/TD 18636.43 MD/7258.00 TVD |

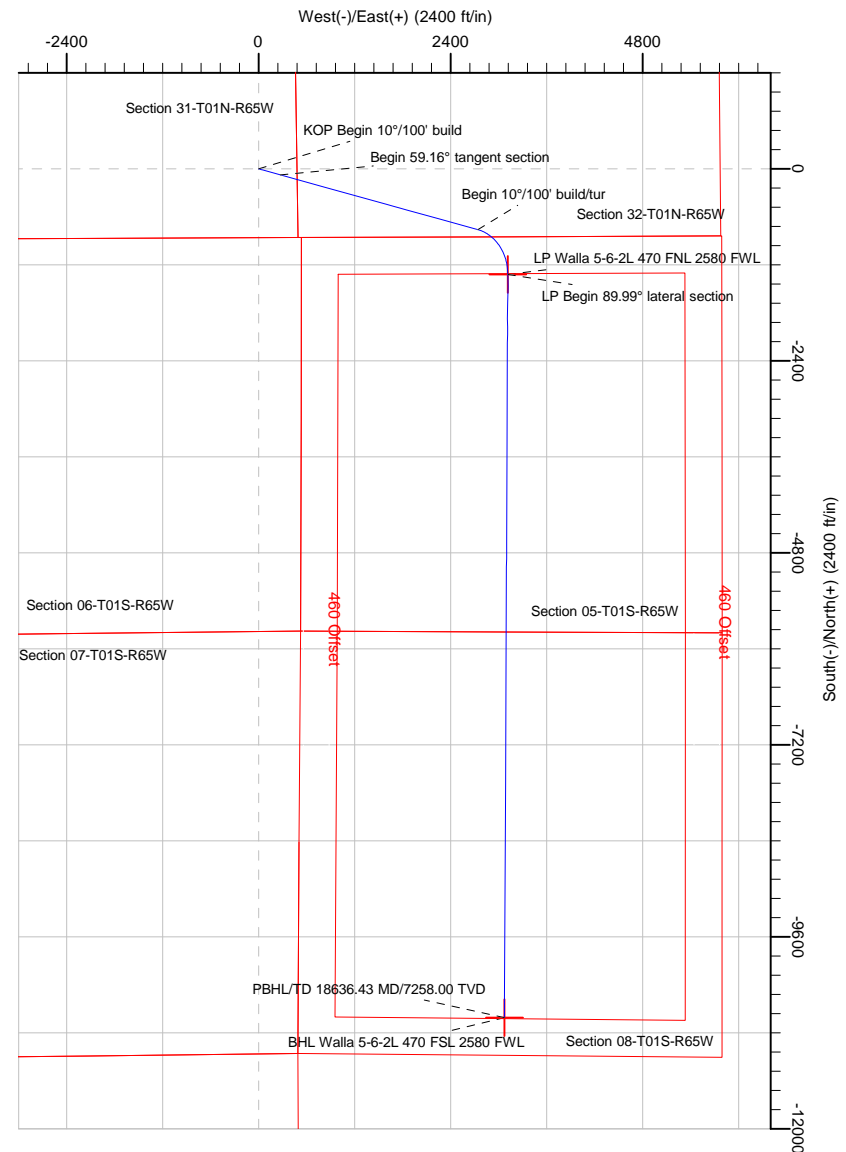
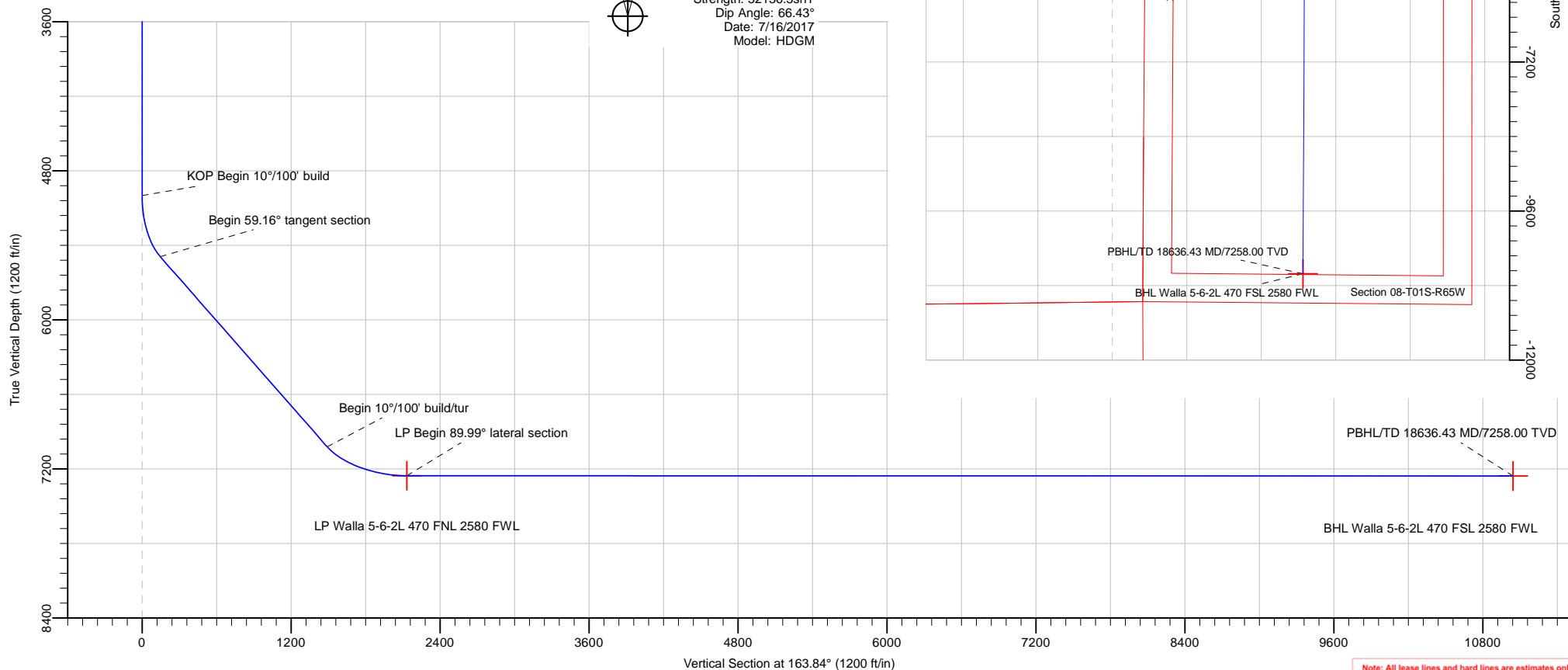
DESIGN TARGET DETAILS

| Name | TVD | +N/-S | +E/-W | Northing | Easting | Latitude | Longitude |
|-----------------------------------|---------|-----------|---------|-------------|------------|-------------|---------------|
| LP Walla 5-6-2L 470 FNL 2580 FWL | 7256.00 | -1318.80 | 3114.12 | 14526610.34 | 1727820.09 | 39.99924165 | -104.68790543 |
| BHL Walla 5-6-2L 470 FSL 2580 FWL | 7258.00 | -10608.53 | 3073.28 | 14517320.63 | 1727779.25 | 39.97373102 | -104.68816727 |



Azimuths to Grid North
True North: -0.19°
Magnetic North: 8.07°

Magnetic Field
Strength: 52136.3snT
Dip Angle: 66.43°
Date: 7/16/2017
Model: HDGM



Note: All lease lines and hard lines are estimates only and are subject to customers approval.

| | | | |
|------------------|-----------------------|-------------------------------------|-------------------------|
| Database: | DB_Jul2216dt_v14 | Local Co-ordinate Reference: | Well Walla 5-6-2L |
| Company: | Confluence Resources | TVD Reference: | RKB=5041+25 @ 5066.00ft |
| Project: | Weld County, Colorado | MD Reference: | RKB=5041+25 @ 5066.00ft |
| Site: | Section 31-T01N-R65W | North Reference: | Grid |
| Well: | Walla 5-6-2L | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Original Hole | | |
| Design: | plan1 | | |

| | | | |
|--------------------|--|----------------------|----------------|
| Project | Weld County, Colorado | | |
| Map System: | Universal Transverse Mercator (US Survey Feet) | System Datum: | Mean Sea Level |
| Geo Datum: | NAD83 Colorado - HARN | | |
| Map Zone: | Zone 13N (108 W to 102 W) | | |

| | | | | | |
|-----------------------|----------------------|--------------|--------------------|-------------------|---------------|
| Site | Section 31-T01N-R65W | | | | |
| Site Position: | | Northing: | 14,527,926.57 usft | Latitude: | 40.00289000 |
| From: | Lat/Long | Easting: | 1,724,232.45 usft | Longitude: | -104.70070000 |
| Position Uncertainty: | 0.00 ft | Slot Radius: | 13-3/16 " | Grid Convergence: | 0.19 ° |

| | | | | | | |
|----------------------|---|-----------|---------------------|--------------------|---------------|---------------|
| Well | Walla 5-6-2L, Surf Loc: 861 FSL 480 FWL Sec31-T01N-R65W | | | | | |
| Well Position | +N/-S | 2.57 ft | Northing: | 14,527,929.14 usft | Latitude: | 40.00289269 |
| | +E/-W | 473.53 ft | Easting: | 1,724,705.98 usft | Longitude: | -104.69900904 |
| Position Uncertainty | | 0.00 ft | Wellhead Elevation: | | Ground Level: | 5,041.00 ft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | Original Hole | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | HDGM | 7/16/2017 | 8.27 | 66.43 | 52,136.30000000 |

| | | | | |
|--------------------------|------------------------------|-------------------|----------------------|----------------------|
| Design | plan1 | | | |
| 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 | 163.84 |

| | | | | |
|---------------------------------|----------------------|--------------------------|-----------------------|----------------|
| Plan Survey Tool Program | Date | 7/16/2017 | | |
| Depth From (ft) | Depth To (ft) | Survey (Wellbore) | Tool Name | Remarks |
| 1 | 0.00 | 18,636.43 | plan1 (Original Hole) | |

| | | | | | | | | | | |
|----------------------------|------------------------|--------------------|----------------------------|-------------------|-------------------|------------------------------|-----------------------------|----------------------------|----------------|-----------------------|
| 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 | |
| 5,000.00 | 0.00 | 0.00 | 5,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 5,591.59 | 59.16 | 105.49 | 5,491.94 | -74.56 | 269.09 | 10.00 | 10.00 | 0.00 | 105.49 | |
| 8,577.07 | 59.16 | 105.49 | 7,022.45 | -759.03 | 2,739.33 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 9,346.61 | 89.99 | 180.25 | 7,256.00 | -1,318.80 | 3,114.12 | 10.00 | 4.01 | 9.72 | 82.06 | LP Walla 5-6-2L 470 F |
| 18,636.43 | 89.99 | 180.25 | 7,258.00 | -10,608.53 | 3,073.28 | 0.00 | 0.00 | 0.00 | 0.00 | BHL Walla 5-6-2L 470 |

| | | | |
|------------------|-----------------------|-------------------------------------|-------------------------|
| Database: | DB_Jul2216dt_v14 | Local Co-ordinate Reference: | Well Walla 5-6-2L |
| Company: | Confluence Resources | TVD Reference: | RKB=5041+25 @ 5066.00ft |
| Project: | Weld County, Colorado | MD Reference: | RKB=5041+25 @ 5066.00ft |
| Site: | Section 31-T01N-R65W | North Reference: | Grid |
| Well: | Walla 5-6-2L | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Original Hole | | |
| Design: | plan1 | | |

| 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 | 0.00 | 0.00 | 500.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 600.00 | 0.00 | 0.00 | 600.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 700.00 | 0.00 | 0.00 | 700.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 800.00 | 0.00 | 0.00 | 800.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 900.00 | 0.00 | 0.00 | 900.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,000.00 | 0.00 | 0.00 | 1,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,100.00 | 0.00 | 0.00 | 1,100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,200.00 | 0.00 | 0.00 | 1,200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,300.00 | 0.00 | 0.00 | 1,300.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,400.00 | 0.00 | 0.00 | 1,400.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,500.00 | 0.00 | 0.00 | 1,500.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,600.00 | 0.00 | 0.00 | 1,600.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,700.00 | 0.00 | 0.00 | 1,700.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,800.00 | 0.00 | 0.00 | 1,800.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,900.00 | 0.00 | 0.00 | 1,900.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,000.00 | 0.00 | 0.00 | 2,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,100.00 | 0.00 | 0.00 | 2,100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,200.00 | 0.00 | 0.00 | 2,200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,300.00 | 0.00 | 0.00 | 2,300.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,400.00 | 0.00 | 0.00 | 2,400.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,500.00 | 0.00 | 0.00 | 2,500.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,600.00 | 0.00 | 0.00 | 2,600.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,700.00 | 0.00 | 0.00 | 2,700.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,800.00 | 0.00 | 0.00 | 2,800.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,900.00 | 0.00 | 0.00 | 2,900.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3,000.00 | 0.00 | 0.00 | 3,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3,100.00 | 0.00 | 0.00 | 3,100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3,200.00 | 0.00 | 0.00 | 3,200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3,300.00 | 0.00 | 0.00 | 3,300.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3,400.00 | 0.00 | 0.00 | 3,400.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3,500.00 | 0.00 | 0.00 | 3,500.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3,600.00 | 0.00 | 0.00 | 3,600.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3,700.00 | 0.00 | 0.00 | 3,700.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3,800.00 | 0.00 | 0.00 | 3,800.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3,900.00 | 0.00 | 0.00 | 3,900.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4,000.00 | 0.00 | 0.00 | 4,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4,100.00 | 0.00 | 0.00 | 4,100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4,200.00 | 0.00 | 0.00 | 4,200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4,300.00 | 0.00 | 0.00 | 4,300.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4,400.00 | 0.00 | 0.00 | 4,400.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4,500.00 | 0.00 | 0.00 | 4,500.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4,600.00 | 0.00 | 0.00 | 4,600.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4,700.00 | 0.00 | 0.00 | 4,700.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4,800.00 | 0.00 | 0.00 | 4,800.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4,900.00 | 0.00 | 0.00 | 4,900.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5,000.00 | 0.00 | 0.00 | 5,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| KOP Begin 10°/100' build | | | | | | | | | |
| 5,100.00 | 10.00 | 105.49 | 5,099.49 | -2.32 | 8.39 | 4.57 | 10.00 | 10.00 | 0.00 |
| 5,200.00 | 20.00 | 105.49 | 5,195.96 | -9.23 | 33.30 | 18.13 | 10.00 | 10.00 | 0.00 |

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|------------------|-----------------------|-------------------------------------|-------------------------|
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| Project: | Weld County, Colorado | MD Reference: | RKB=5041+25 @ 5066.00ft |
| Site: | Section 31-T01N-R65W | North Reference: | Grid |
| Well: | Walla 5-6-2L | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Original Hole | | |
| Design: | plan1 | | |

| 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) |
| 5,300.00 | 30.00 | 105.49 | 5,286.48 | -20.50 | 73.97 | 40.27 | 10.00 | 10.00 | 0.00 |
| 5,400.00 | 40.00 | 105.49 | 5,368.29 | -35.79 | 129.18 | 70.33 | 10.00 | 10.00 | 0.00 |
| 5,500.00 | 50.00 | 105.49 | 5,438.91 | -54.65 | 197.24 | 107.38 | 10.00 | 10.00 | 0.00 |
| 5,591.59 | 59.16 | 105.49 | 5,491.94 | -74.56 | 269.09 | 146.49 | 10.00 | 10.00 | 0.00 |
| Begin 59.16° tangent section | | | | | | | | | |
| 5,600.00 | 59.16 | 105.49 | 5,496.25 | -76.49 | 276.05 | 150.28 | 0.00 | 0.00 | 0.00 |
| 5,700.00 | 59.16 | 105.49 | 5,547.51 | -99.42 | 358.79 | 195.32 | 0.00 | 0.00 | 0.00 |
| 5,800.00 | 59.16 | 105.49 | 5,598.78 | -122.34 | 441.53 | 240.37 | 0.00 | 0.00 | 0.00 |
| 5,900.00 | 59.16 | 105.49 | 5,650.05 | -145.27 | 524.27 | 285.41 | 0.00 | 0.00 | 0.00 |
| 6,000.00 | 59.16 | 105.49 | 5,701.31 | -168.20 | 607.01 | 330.46 | 0.00 | 0.00 | 0.00 |
| 6,100.00 | 59.16 | 105.49 | 5,752.58 | -191.12 | 689.76 | 375.50 | 0.00 | 0.00 | 0.00 |
| 6,200.00 | 59.16 | 105.49 | 5,803.84 | -214.05 | 772.50 | 420.55 | 0.00 | 0.00 | 0.00 |
| 6,300.00 | 59.16 | 105.49 | 5,855.11 | -236.98 | 855.24 | 465.59 | 0.00 | 0.00 | 0.00 |
| 6,400.00 | 59.16 | 105.49 | 5,906.37 | -259.90 | 937.98 | 510.64 | 0.00 | 0.00 | 0.00 |
| 6,500.00 | 59.16 | 105.49 | 5,957.64 | -282.83 | 1,020.72 | 555.68 | 0.00 | 0.00 | 0.00 |
| 6,600.00 | 59.16 | 105.49 | 6,008.90 | -305.76 | 1,103.47 | 600.73 | 0.00 | 0.00 | 0.00 |
| 6,700.00 | 59.16 | 105.49 | 6,060.17 | -328.68 | 1,186.21 | 645.77 | 0.00 | 0.00 | 0.00 |
| 6,800.00 | 59.16 | 105.49 | 6,111.43 | -351.61 | 1,268.95 | 690.82 | 0.00 | 0.00 | 0.00 |
| 6,900.00 | 59.16 | 105.49 | 6,162.70 | -374.54 | 1,351.69 | 735.86 | 0.00 | 0.00 | 0.00 |
| 7,000.00 | 59.16 | 105.49 | 6,213.96 | -397.46 | 1,434.43 | 780.91 | 0.00 | 0.00 | 0.00 |
| 7,100.00 | 59.16 | 105.49 | 6,265.23 | -420.39 | 1,517.18 | 825.95 | 0.00 | 0.00 | 0.00 |
| 7,200.00 | 59.16 | 105.49 | 6,316.49 | -443.32 | 1,599.92 | 871.00 | 0.00 | 0.00 | 0.00 |
| 7,300.00 | 59.16 | 105.49 | 6,367.76 | -466.24 | 1,682.66 | 916.04 | 0.00 | 0.00 | 0.00 |
| 7,400.00 | 59.16 | 105.49 | 6,419.02 | -489.17 | 1,765.40 | 961.09 | 0.00 | 0.00 | 0.00 |
| 7,500.00 | 59.16 | 105.49 | 6,470.29 | -512.10 | 1,848.14 | 1,006.13 | 0.00 | 0.00 | 0.00 |
| 7,600.00 | 59.16 | 105.49 | 6,521.56 | -535.02 | 1,930.89 | 1,051.18 | 0.00 | 0.00 | 0.00 |
| 7,700.00 | 59.16 | 105.49 | 6,572.82 | -557.95 | 2,013.63 | 1,096.22 | 0.00 | 0.00 | 0.00 |
| 7,800.00 | 59.16 | 105.49 | 6,624.09 | -580.88 | 2,096.37 | 1,141.26 | 0.00 | 0.00 | 0.00 |
| 7,900.00 | 59.16 | 105.49 | 6,675.35 | -603.80 | 2,179.11 | 1,186.31 | 0.00 | 0.00 | 0.00 |
| 8,000.00 | 59.16 | 105.49 | 6,726.62 | -626.73 | 2,261.85 | 1,231.35 | 0.00 | 0.00 | 0.00 |
| 8,100.00 | 59.16 | 105.49 | 6,777.88 | -649.66 | 2,344.60 | 1,276.40 | 0.00 | 0.00 | 0.00 |
| 8,200.00 | 59.16 | 105.49 | 6,829.15 | -672.58 | 2,427.34 | 1,321.44 | 0.00 | 0.00 | 0.00 |
| 8,300.00 | 59.16 | 105.49 | 6,880.41 | -695.51 | 2,510.08 | 1,366.49 | 0.00 | 0.00 | 0.00 |
| 8,400.00 | 59.16 | 105.49 | 6,931.68 | -718.44 | 2,592.82 | 1,411.53 | 0.00 | 0.00 | 0.00 |
| 8,500.00 | 59.16 | 105.49 | 6,982.94 | -741.36 | 2,675.56 | 1,456.58 | 0.00 | 0.00 | 0.00 |
| 8,577.07 | 59.16 | 105.49 | 7,022.45 | -759.03 | 2,739.33 | 1,491.29 | 0.00 | 0.00 | 0.00 |
| Begin 10°/100' build/tur | | | | | | | | | |
| 8,600.00 | 59.50 | 108.12 | 7,034.15 | -764.73 | 2,758.21 | 1,502.02 | 10.00 | 1.50 | 11.50 |
| 8,700.00 | 61.60 | 119.36 | 7,083.43 | -799.79 | 2,837.69 | 1,557.81 | 10.00 | 2.10 | 11.23 |
| 8,800.00 | 64.57 | 130.07 | 7,128.80 | -850.55 | 2,910.77 | 1,626.90 | 10.00 | 2.98 | 10.71 |
| 8,900.00 | 68.28 | 140.21 | 7,168.87 | -915.47 | 2,975.22 | 1,707.19 | 10.00 | 3.71 | 10.14 |
| 9,000.00 | 72.58 | 149.80 | 7,202.43 | -992.59 | 3,029.08 | 1,796.25 | 10.00 | 4.29 | 9.59 |
| 9,100.00 | 77.31 | 158.92 | 7,228.45 | -1,079.55 | 3,070.73 | 1,891.37 | 10.00 | 4.73 | 9.13 |
| 9,200.00 | 82.33 | 167.71 | 7,246.15 | -1,173.72 | 3,098.89 | 1,989.66 | 10.00 | 5.03 | 8.79 |
| 9,300.00 | 87.54 | 176.29 | 7,254.99 | -1,272.24 | 3,112.71 | 2,088.13 | 10.00 | 5.20 | 8.58 |
| 9,346.61 | 89.99 | 180.25 | 7,256.00 | -1,318.80 | 3,114.12 | 2,133.24 | 10.00 | 5.26 | 8.51 |
| LP Begin 89.99° lateral section | | | | | | | | | |
| 9,400.00 | 89.99 | 180.25 | 7,256.01 | -1,372.20 | 3,113.88 | 2,184.46 | 0.00 | 0.00 | 0.00 |
| 9,500.00 | 89.99 | 180.25 | 7,256.03 | -1,472.19 | 3,113.44 | 2,280.39 | 0.00 | 0.00 | 0.00 |
| 9,600.00 | 89.99 | 180.25 | 7,256.05 | -1,572.19 | 3,113.00 | 2,376.32 | 0.00 | 0.00 | 0.00 |
| 9,700.00 | 89.99 | 180.25 | 7,256.08 | -1,672.19 | 3,112.56 | 2,472.25 | 0.00 | 0.00 | 0.00 |
| 9,800.00 | 89.99 | 180.25 | 7,256.10 | -1,772.19 | 3,112.12 | 2,568.17 | 0.00 | 0.00 | 0.00 |
| 9,900.00 | 89.99 | 180.25 | 7,256.12 | -1,872.19 | 3,111.68 | 2,664.10 | 0.00 | 0.00 | 0.00 |

| | | | |
|------------------|-----------------------|-------------------------------------|-------------------------|
| Database: | DB_Jul2216dt_v14 | Local Co-ordinate Reference: | Well Walla 5-6-2L |
| Company: | Confluence Resources | TVD Reference: | RKB=5041+25 @ 5066.00ft |
| Project: | Weld County, Colorado | MD Reference: | RKB=5041+25 @ 5066.00ft |
| Site: | Section 31-T01N-R65W | North Reference: | Grid |
| Well: | Walla 5-6-2L | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Original Hole | | |
| Design: | plan1 | | |

| 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) |
| 10,000.00 | 89.99 | 180.25 | 7,256.14 | -1,972.19 | 3,111.24 | 2,760.03 | 0.00 | 0.00 | 0.00 |
| 10,100.00 | 89.99 | 180.25 | 7,256.16 | -2,072.19 | 3,110.80 | 2,855.95 | 0.00 | 0.00 | 0.00 |
| 10,200.00 | 89.99 | 180.25 | 7,256.18 | -2,172.19 | 3,110.36 | 2,951.88 | 0.00 | 0.00 | 0.00 |
| 10,300.00 | 89.99 | 180.25 | 7,256.21 | -2,272.19 | 3,109.92 | 3,047.81 | 0.00 | 0.00 | 0.00 |
| 10,400.00 | 89.99 | 180.25 | 7,256.23 | -2,372.19 | 3,109.49 | 3,143.74 | 0.00 | 0.00 | 0.00 |
| 10,500.00 | 89.99 | 180.25 | 7,256.25 | -2,472.18 | 3,109.05 | 3,239.66 | 0.00 | 0.00 | 0.00 |
| 10,600.00 | 89.99 | 180.25 | 7,256.27 | -2,572.18 | 3,108.61 | 3,335.59 | 0.00 | 0.00 | 0.00 |
| 10,700.00 | 89.99 | 180.25 | 7,256.29 | -2,672.18 | 3,108.17 | 3,431.52 | 0.00 | 0.00 | 0.00 |
| 10,800.00 | 89.99 | 180.25 | 7,256.31 | -2,772.18 | 3,107.73 | 3,527.45 | 0.00 | 0.00 | 0.00 |
| 10,900.00 | 89.99 | 180.25 | 7,256.33 | -2,872.18 | 3,107.29 | 3,623.37 | 0.00 | 0.00 | 0.00 |
| 11,000.00 | 89.99 | 180.25 | 7,256.36 | -2,972.18 | 3,106.85 | 3,719.30 | 0.00 | 0.00 | 0.00 |
| 11,100.00 | 89.99 | 180.25 | 7,256.38 | -3,072.18 | 3,106.41 | 3,815.23 | 0.00 | 0.00 | 0.00 |
| 11,200.00 | 89.99 | 180.25 | 7,256.40 | -3,172.18 | 3,105.97 | 3,911.16 | 0.00 | 0.00 | 0.00 |
| 11,300.00 | 89.99 | 180.25 | 7,256.42 | -3,272.18 | 3,105.53 | 4,007.08 | 0.00 | 0.00 | 0.00 |
| 11,400.00 | 89.99 | 180.25 | 7,256.44 | -3,372.18 | 3,105.09 | 4,103.01 | 0.00 | 0.00 | 0.00 |
| 11,500.00 | 89.99 | 180.25 | 7,256.46 | -3,472.17 | 3,104.65 | 4,198.94 | 0.00 | 0.00 | 0.00 |
| 11,600.00 | 89.99 | 180.25 | 7,256.49 | -3,572.17 | 3,104.21 | 4,294.87 | 0.00 | 0.00 | 0.00 |
| 11,700.00 | 89.99 | 180.25 | 7,256.51 | -3,672.17 | 3,103.77 | 4,390.79 | 0.00 | 0.00 | 0.00 |
| 11,800.00 | 89.99 | 180.25 | 7,256.53 | -3,772.17 | 3,103.33 | 4,486.72 | 0.00 | 0.00 | 0.00 |
| 11,900.00 | 89.99 | 180.25 | 7,256.55 | -3,872.17 | 3,102.89 | 4,582.65 | 0.00 | 0.00 | 0.00 |
| 12,000.00 | 89.99 | 180.25 | 7,256.57 | -3,972.17 | 3,102.45 | 4,678.58 | 0.00 | 0.00 | 0.00 |
| 12,100.00 | 89.99 | 180.25 | 7,256.59 | -4,072.17 | 3,102.01 | 4,774.50 | 0.00 | 0.00 | 0.00 |
| 12,200.00 | 89.99 | 180.25 | 7,256.61 | -4,172.17 | 3,101.57 | 4,870.43 | 0.00 | 0.00 | 0.00 |
| 12,300.00 | 89.99 | 180.25 | 7,256.64 | -4,272.17 | 3,101.13 | 4,966.36 | 0.00 | 0.00 | 0.00 |
| 12,400.00 | 89.99 | 180.25 | 7,256.66 | -4,372.17 | 3,100.69 | 5,062.28 | 0.00 | 0.00 | 0.00 |
| 12,500.00 | 89.99 | 180.25 | 7,256.68 | -4,472.17 | 3,100.25 | 5,158.21 | 0.00 | 0.00 | 0.00 |
| 12,600.00 | 89.99 | 180.25 | 7,256.70 | -4,572.16 | 3,099.81 | 5,254.14 | 0.00 | 0.00 | 0.00 |
| 12,700.00 | 89.99 | 180.25 | 7,256.72 | -4,672.16 | 3,099.37 | 5,350.07 | 0.00 | 0.00 | 0.00 |
| 12,800.00 | 89.99 | 180.25 | 7,256.74 | -4,772.16 | 3,098.93 | 5,445.99 | 0.00 | 0.00 | 0.00 |
| 12,900.00 | 89.99 | 180.25 | 7,256.77 | -4,872.16 | 3,098.49 | 5,541.92 | 0.00 | 0.00 | 0.00 |
| 13,000.00 | 89.99 | 180.25 | 7,256.79 | -4,972.16 | 3,098.06 | 5,637.85 | 0.00 | 0.00 | 0.00 |
| 13,100.00 | 89.99 | 180.25 | 7,256.81 | -5,072.16 | 3,097.62 | 5,733.78 | 0.00 | 0.00 | 0.00 |
| 13,200.00 | 89.99 | 180.25 | 7,256.83 | -5,172.16 | 3,097.18 | 5,829.70 | 0.00 | 0.00 | 0.00 |
| 13,300.00 | 89.99 | 180.25 | 7,256.85 | -5,272.16 | 3,096.74 | 5,925.63 | 0.00 | 0.00 | 0.00 |
| 13,400.00 | 89.99 | 180.25 | 7,256.87 | -5,372.16 | 3,096.30 | 6,021.56 | 0.00 | 0.00 | 0.00 |
| 13,500.00 | 89.99 | 180.25 | 7,256.89 | -5,472.16 | 3,095.86 | 6,117.49 | 0.00 | 0.00 | 0.00 |
| 13,600.00 | 89.99 | 180.25 | 7,256.92 | -5,572.15 | 3,095.42 | 6,213.41 | 0.00 | 0.00 | 0.00 |
| 13,700.00 | 89.99 | 180.25 | 7,256.94 | -5,672.15 | 3,094.98 | 6,309.34 | 0.00 | 0.00 | 0.00 |
| 13,800.00 | 89.99 | 180.25 | 7,256.96 | -5,772.15 | 3,094.54 | 6,405.27 | 0.00 | 0.00 | 0.00 |
| 13,900.00 | 89.99 | 180.25 | 7,256.98 | -5,872.15 | 3,094.10 | 6,501.20 | 0.00 | 0.00 | 0.00 |
| 14,000.00 | 89.99 | 180.25 | 7,257.00 | -5,972.15 | 3,093.66 | 6,597.12 | 0.00 | 0.00 | 0.00 |
| 14,100.00 | 89.99 | 180.25 | 7,257.02 | -6,072.15 | 3,093.22 | 6,693.05 | 0.00 | 0.00 | 0.00 |
| 14,200.00 | 89.99 | 180.25 | 7,257.05 | -6,172.15 | 3,092.78 | 6,788.98 | 0.00 | 0.00 | 0.00 |
| 14,300.00 | 89.99 | 180.25 | 7,257.07 | -6,272.15 | 3,092.34 | 6,884.91 | 0.00 | 0.00 | 0.00 |
| 14,400.00 | 89.99 | 180.25 | 7,257.09 | -6,372.15 | 3,091.90 | 6,980.83 | 0.00 | 0.00 | 0.00 |
| 14,500.00 | 89.99 | 180.25 | 7,257.11 | -6,472.15 | 3,091.46 | 7,076.76 | 0.00 | 0.00 | 0.00 |
| 14,600.00 | 89.99 | 180.25 | 7,257.13 | -6,572.14 | 3,091.02 | 7,172.69 | 0.00 | 0.00 | 0.00 |
| 14,700.00 | 89.99 | 180.25 | 7,257.15 | -6,672.14 | 3,090.58 | 7,268.62 | 0.00 | 0.00 | 0.00 |
| 14,800.00 | 89.99 | 180.25 | 7,257.17 | -6,772.14 | 3,090.14 | 7,364.54 | 0.00 | 0.00 | 0.00 |
| 14,900.00 | 89.99 | 180.25 | 7,257.20 | -6,872.14 | 3,089.70 | 7,460.47 | 0.00 | 0.00 | 0.00 |
| 15,000.00 | 89.99 | 180.25 | 7,257.22 | -6,972.14 | 3,089.26 | 7,556.40 | 0.00 | 0.00 | 0.00 |
| 15,100.00 | 89.99 | 180.25 | 7,257.24 | -7,072.14 | 3,088.82 | 7,652.32 | 0.00 | 0.00 | 0.00 |
| 15,200.00 | 89.99 | 180.25 | 7,257.26 | -7,172.14 | 3,088.38 | 7,748.25 | 0.00 | 0.00 | 0.00 |
| 15,300.00 | 89.99 | 180.25 | 7,257.28 | -7,272.14 | 3,087.94 | 7,844.18 | 0.00 | 0.00 | 0.00 |

| | | | |
|------------------|-----------------------|-------------------------------------|-------------------------|
| Database: | DB_Jul2216dt_v14 | Local Co-ordinate Reference: | Well Walla 5-6-2L |
| Company: | Confluence Resources | TVD Reference: | RKB=5041+25 @ 5066.00ft |
| Project: | Weld County, Colorado | MD Reference: | RKB=5041+25 @ 5066.00ft |
| Site: | Section 31-T01N-R65W | North Reference: | Grid |
| Well: | Walla 5-6-2L | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Original Hole | | |
| Design: | plan1 | | |

| 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) |
| 15,400.00 | 89.99 | 180.25 | 7,257.30 | -7,372.14 | 3,087.50 | 7,940.11 | 0.00 | 0.00 | 0.00 |
| 15,500.00 | 89.99 | 180.25 | 7,257.32 | -7,472.14 | 3,087.06 | 8,036.03 | 0.00 | 0.00 | 0.00 |
| 15,600.00 | 89.99 | 180.25 | 7,257.35 | -7,572.14 | 3,086.63 | 8,131.96 | 0.00 | 0.00 | 0.00 |
| 15,700.00 | 89.99 | 180.25 | 7,257.37 | -7,672.13 | 3,086.19 | 8,227.89 | 0.00 | 0.00 | 0.00 |
| 15,800.00 | 89.99 | 180.25 | 7,257.39 | -7,772.13 | 3,085.75 | 8,323.82 | 0.00 | 0.00 | 0.00 |
| 15,900.00 | 89.99 | 180.25 | 7,257.41 | -7,872.13 | 3,085.31 | 8,419.74 | 0.00 | 0.00 | 0.00 |
| 16,000.00 | 89.99 | 180.25 | 7,257.43 | -7,972.13 | 3,084.87 | 8,515.67 | 0.00 | 0.00 | 0.00 |
| 16,100.00 | 89.99 | 180.25 | 7,257.45 | -8,072.13 | 3,084.43 | 8,611.60 | 0.00 | 0.00 | 0.00 |
| 16,200.00 | 89.99 | 180.25 | 7,257.48 | -8,172.13 | 3,083.99 | 8,707.53 | 0.00 | 0.00 | 0.00 |
| 16,300.00 | 89.99 | 180.25 | 7,257.50 | -8,272.13 | 3,083.55 | 8,803.45 | 0.00 | 0.00 | 0.00 |
| 16,400.00 | 89.99 | 180.25 | 7,257.52 | -8,372.13 | 3,083.11 | 8,899.38 | 0.00 | 0.00 | 0.00 |
| 16,500.00 | 89.99 | 180.25 | 7,257.54 | -8,472.13 | 3,082.67 | 8,995.31 | 0.00 | 0.00 | 0.00 |
| 16,600.00 | 89.99 | 180.25 | 7,257.56 | -8,572.13 | 3,082.23 | 9,091.24 | 0.00 | 0.00 | 0.00 |
| 16,700.00 | 89.99 | 180.25 | 7,257.58 | -8,672.12 | 3,081.79 | 9,187.16 | 0.00 | 0.00 | 0.00 |
| 16,800.00 | 89.99 | 180.25 | 7,257.60 | -8,772.12 | 3,081.35 | 9,283.09 | 0.00 | 0.00 | 0.00 |
| 16,900.00 | 89.99 | 180.25 | 7,257.63 | -8,872.12 | 3,080.91 | 9,379.02 | 0.00 | 0.00 | 0.00 |
| 17,000.00 | 89.99 | 180.25 | 7,257.65 | -8,972.12 | 3,080.47 | 9,474.95 | 0.00 | 0.00 | 0.00 |
| 17,100.00 | 89.99 | 180.25 | 7,257.67 | -9,072.12 | 3,080.03 | 9,570.87 | 0.00 | 0.00 | 0.00 |
| 17,200.00 | 89.99 | 180.25 | 7,257.69 | -9,172.12 | 3,079.59 | 9,666.80 | 0.00 | 0.00 | 0.00 |
| 17,300.00 | 89.99 | 180.25 | 7,257.71 | -9,272.12 | 3,079.15 | 9,762.73 | 0.00 | 0.00 | 0.00 |
| 17,400.00 | 89.99 | 180.25 | 7,257.73 | -9,372.12 | 3,078.71 | 9,858.65 | 0.00 | 0.00 | 0.00 |
| 17,500.00 | 89.99 | 180.25 | 7,257.76 | -9,472.12 | 3,078.27 | 9,954.58 | 0.00 | 0.00 | 0.00 |
| 17,600.00 | 89.99 | 180.25 | 7,257.78 | -9,572.12 | 3,077.83 | 10,050.51 | 0.00 | 0.00 | 0.00 |
| 17,700.00 | 89.99 | 180.25 | 7,257.80 | -9,672.11 | 3,077.39 | 10,146.44 | 0.00 | 0.00 | 0.00 |
| 17,800.00 | 89.99 | 180.25 | 7,257.82 | -9,772.11 | 3,076.95 | 10,242.36 | 0.00 | 0.00 | 0.00 |
| 17,900.00 | 89.99 | 180.25 | 7,257.84 | -9,872.11 | 3,076.51 | 10,338.29 | 0.00 | 0.00 | 0.00 |
| 18,000.00 | 89.99 | 180.25 | 7,257.86 | -9,972.11 | 3,076.07 | 10,434.22 | 0.00 | 0.00 | 0.00 |
| 18,100.00 | 89.99 | 180.25 | 7,257.88 | -10,072.11 | 3,075.63 | 10,530.15 | 0.00 | 0.00 | 0.00 |
| 18,200.00 | 89.99 | 180.25 | 7,257.91 | -10,172.11 | 3,075.19 | 10,626.07 | 0.00 | 0.00 | 0.00 |
| 18,300.00 | 89.99 | 180.25 | 7,257.93 | -10,272.11 | 3,074.76 | 10,722.00 | 0.00 | 0.00 | 0.00 |
| 18,400.00 | 89.99 | 180.25 | 7,257.95 | -10,372.11 | 3,074.32 | 10,817.93 | 0.00 | 0.00 | 0.00 |
| 18,500.00 | 89.99 | 180.25 | 7,257.97 | -10,472.11 | 3,073.88 | 10,913.86 | 0.00 | 0.00 | 0.00 |
| 18,600.00 | 89.99 | 180.25 | 7,257.99 | -10,572.11 | 3,073.44 | 11,009.78 | 0.00 | 0.00 | 0.00 |
| 18,636.43 | 89.99 | 180.25 | 7,258.00 | -10,608.53 | 3,073.28 | 11,044.73 | 0.00 | 0.00 | 0.00 |
| PBHL/TD 18636.43 MD/7258.00 TVD | | | | | | | | | |

| 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 | | | | | | | | | |
| LP Walla 5-6-2L 470 FNI | 0.00 | 0.00 | 7,256.00 | -1,318.80 | 3,114.12 | 14,526,610.34 | 1,727,820.09 | 39.99924165 | -104.68790542 |
| - plan hits target center | | | | | | | | | |
| - Point | | | | | | | | | |
| BHL Walla 5-6-2L 470 F' | 0.00 | 0.00 | 7,258.00 | -10,608.53 | 3,073.28 | 14,517,320.63 | 1,727,779.25 | 39.97373102 | -104.68816726 |
| - plan hits target center | | | | | | | | | |
| - Point | | | | | | | | | |

| | | | |
|------------------|-----------------------|-------------------------------------|-------------------------|
| Database: | DB_Jul2216dt_v14 | Local Co-ordinate Reference: | Well Walla 5-6-2L |
| Company: | Confluence Resources | TVD Reference: | RKB=5041+25 @ 5066.00ft |
| Project: | Weld County, Colorado | MD Reference: | RKB=5041+25 @ 5066.00ft |
| Site: | Section 31-T01N-R65W | North Reference: | Grid |
| Well: | Walla 5-6-2L | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Original Hole | | |
| Design: | plan1 | | |

| Plan Annotations | | | | | |
|---------------------------|---------------------------|-------------------|---------------|---------------------------------|--|
| Measured Depth (ft) | Vertical Depth (ft) | Local Coordinates | | Comment | |
| | | +N/-S (ft) | +E/-W (ft) | | |
| 5,000.00 | 5,000.00 | 0.00 | 0.00 | KOP Begin 10°/100' build | |
| 5,591.59 | 5,491.94 | -74.56 | 269.09 | Begin 59.16° tangent section | |
| 8,577.07 | 7,022.45 | -759.03 | 2,739.33 | Begin 10°/100' build/tur | |
| 9,346.61 | 7,256.00 | -1,318.80 | 3,114.12 | LP Begin 89.99° lateral section | |
| 18,636.43 | 7,258.00 | -10,608.53 | 3,073.28 | PBHL/TD 18636.43 MD/7258.00 TVD | |

| | | | |
|------------------|-----------------------|-------------------------------------|-------------------------|
| Database: | DB_Jul2216dt_v14 | Local Co-ordinate Reference: | Well Walla 5-6-2L |
| Company: | Confluence Resources | TVD Reference: | RKB=5041+25 @ 5066.00ft |
| Project: | Weld County, Colorado | MD Reference: | RKB=5041+25 @ 5066.00ft |
| Site: | Section 31-T01N-R65W | North Reference: | Grid |
| Well: | Walla 5-6-2L | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Original Hole | | |
| Design: | plan1 | | |

| | | | |
|--------------------|--|----------------------|----------------|
| Project | Weld County, Colorado | | |
| Map System: | Universal Transverse Mercator (US Survey Feet) | System Datum: | Mean Sea Level |
| Geo Datum: | NAD83 Colorado - HARN | | |
| Map Zone: | Zone 13N (108 W to 102 W) | | |

| Site | | Section 31-T01N-R65W | | | |
|-----------------------|----------|----------------------|--------------------|-------------------|---------------|
| Site Position: | | Northing: | 14,527,926.57 usft | Latitude: | 40.00289000 |
| From: | Lat/Long | Easting: | 1,724,232.45 usft | Longitude: | -104.70070000 |
| Position Uncertainty: | 0.00 ft | Slot Radius: | 13-3/16 " | Grid Convergence: | 0.19 ° |

| | | | | | | |
|----------------------|---|---------|---------------------|--------------------|---------------|---------------|
| Well | Walla 5-6-2L, Surf Loc: 861 FSL 480 FWL Sec31-T01N-R65W | | | | | |
| Well Position | +N/-S | 0.00 ft | Northing: | 14,527,929.14 usft | Latitude: | 40.00289269 |
| | +E/-W | 0.00 ft | Easting: | 1,724,705.98 usft | Longitude: | -104.69900904 |
| Position Uncertainty | | 0.00 ft | Wellhead Elevation: | | Ground Level: | 5,041.00 ft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | Original Hole | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | HDGM | 7/16/2017 | 8.27 | 66.43 | 52,136.30000000 |

| | | | | |
|--------------------------|------------------------------|-------------------|----------------------|----------------------|
| Design | plan1 | | | |
| 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 | 163.84 |

| | | | | |
|---------------------------------|----------------------|---------------------------------|------------------|----------------|
| Plan Survey Tool Program | Date | 7/16/2017 | | |
| Depth From (ft) | Depth To (ft) | Survey (Wellbore) | Tool Name | Remarks |
| 1 | 0.00 | 18,636.43 plan1 (Original Hole) | | |

| | | | | | | | | | | |
|----------------------------|------------------------|--------------------|----------------------------|-------------------|-------------------|------------------------------|-----------------------------|----------------------------|----------------|-----------------------|
| 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 | |
| 5,000.00 | 0.00 | 0.00 | 5,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 5,591.59 | 59.16 | 105.49 | 5,491.94 | -74.56 | 269.09 | 10.00 | 10.00 | 0.00 | 105.49 | |
| 8,577.07 | 59.16 | 105.49 | 7,022.45 | -759.03 | 2,739.33 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 9,346.61 | 89.99 | 180.25 | 7,256.00 | -1,318.80 | 3,114.12 | 10.00 | 4.01 | 9.72 | 82.06 | LP Walla 5-6-2L 470 F |
| 18,636.43 | 89.99 | 180.25 | 7,258.00 | -10,608.53 | 3,073.28 | 0.00 | 0.00 | 0.00 | 0.00 | BHL Walla 5-6-2L 470 |

| | | | |
|------------------|-----------------------|-------------------------------------|-------------------------|
| Database: | DB_Jul2216dt_v14 | Local Co-ordinate Reference: | Well Walla 5-6-2L |
| Company: | Confluence Resources | TVD Reference: | RKB=5041+25 @ 5066.00ft |
| Project: | Weld County, Colorado | MD Reference: | RKB=5041+25 @ 5066.00ft |
| Site: | Section 31-T01N-R65W | North Reference: | Grid |
| Well: | Walla 5-6-2L | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Original Hole | | |
| Design: | plan1 | | |

| Planned Survey | | | | | | | | | |
|--------------------------|-----------------|-------------|---------------------|------------|------------|---------------------|--------------------|-------------|---------------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Map Northing (usft) | Map Easting (usft) | Latitude | Longitude |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 14,527,929.14 | 1,724,705.98 | 40.00289269 | -104.69900904 |
| 100.00 | 0.00 | 0.00 | 100.00 | 0.00 | 0.00 | 14,527,929.14 | 1,724,705.98 | 40.00289269 | -104.69900904 |
| 200.00 | 0.00 | 0.00 | 200.00 | 0.00 | 0.00 | 14,527,929.14 | 1,724,705.98 | 40.00289269 | -104.69900904 |
| 300.00 | 0.00 | 0.00 | 300.00 | 0.00 | 0.00 | 14,527,929.14 | 1,724,705.98 | 40.00289269 | -104.69900904 |
| 400.00 | 0.00 | 0.00 | 400.00 | 0.00 | 0.00 | 14,527,929.14 | 1,724,705.98 | 40.00289269 | -104.69900904 |
| 500.00 | 0.00 | 0.00 | 500.00 | 0.00 | 0.00 | 14,527,929.14 | 1,724,705.98 | 40.00289269 | -104.69900904 |
| 600.00 | 0.00 | 0.00 | 600.00 | 0.00 | 0.00 | 14,527,929.14 | 1,724,705.98 | 40.00289269 | -104.69900904 |
| 700.00 | 0.00 | 0.00 | 700.00 | 0.00 | 0.00 | 14,527,929.14 | 1,724,705.98 | 40.00289269 | -104.69900904 |
| 800.00 | 0.00 | 0.00 | 800.00 | 0.00 | 0.00 | 14,527,929.14 | 1,724,705.98 | 40.00289269 | -104.69900904 |
| 900.00 | 0.00 | 0.00 | 900.00 | 0.00 | 0.00 | 14,527,929.14 | 1,724,705.98 | 40.00289269 | -104.69900904 |
| 1,000.00 | 0.00 | 0.00 | 1,000.00 | 0.00 | 0.00 | 14,527,929.14 | 1,724,705.98 | 40.00289269 | -104.69900904 |
| 1,100.00 | 0.00 | 0.00 | 1,100.00 | 0.00 | 0.00 | 14,527,929.14 | 1,724,705.98 | 40.00289269 | -104.69900904 |
| 1,200.00 | 0.00 | 0.00 | 1,200.00 | 0.00 | 0.00 | 14,527,929.14 | 1,724,705.98 | 40.00289269 | -104.69900904 |
| 1,300.00 | 0.00 | 0.00 | 1,300.00 | 0.00 | 0.00 | 14,527,929.14 | 1,724,705.98 | 40.00289269 | -104.69900904 |
| 1,400.00 | 0.00 | 0.00 | 1,400.00 | 0.00 | 0.00 | 14,527,929.14 | 1,724,705.98 | 40.00289269 | -104.69900904 |
| 1,500.00 | 0.00 | 0.00 | 1,500.00 | 0.00 | 0.00 | 14,527,929.14 | 1,724,705.98 | 40.00289269 | -104.69900904 |
| 1,600.00 | 0.00 | 0.00 | 1,600.00 | 0.00 | 0.00 | 14,527,929.14 | 1,724,705.98 | 40.00289269 | -104.69900904 |
| 1,700.00 | 0.00 | 0.00 | 1,700.00 | 0.00 | 0.00 | 14,527,929.14 | 1,724,705.98 | 40.00289269 | -104.69900904 |
| 1,800.00 | 0.00 | 0.00 | 1,800.00 | 0.00 | 0.00 | 14,527,929.14 | 1,724,705.98 | 40.00289269 | -104.69900904 |
| 1,900.00 | 0.00 | 0.00 | 1,900.00 | 0.00 | 0.00 | 14,527,929.14 | 1,724,705.98 | 40.00289269 | -104.69900904 |
| 2,000.00 | 0.00 | 0.00 | 2,000.00 | 0.00 | 0.00 | 14,527,929.14 | 1,724,705.98 | 40.00289269 | -104.69900904 |
| 2,100.00 | 0.00 | 0.00 | 2,100.00 | 0.00 | 0.00 | 14,527,929.14 | 1,724,705.98 | 40.00289269 | -104.69900904 |
| 2,200.00 | 0.00 | 0.00 | 2,200.00 | 0.00 | 0.00 | 14,527,929.14 | 1,724,705.98 | 40.00289269 | -104.69900904 |
| 2,300.00 | 0.00 | 0.00 | 2,300.00 | 0.00 | 0.00 | 14,527,929.14 | 1,724,705.98 | 40.00289269 | -104.69900904 |
| 2,400.00 | 0.00 | 0.00 | 2,400.00 | 0.00 | 0.00 | 14,527,929.14 | 1,724,705.98 | 40.00289269 | -104.69900904 |
| 2,500.00 | 0.00 | 0.00 | 2,500.00 | 0.00 | 0.00 | 14,527,929.14 | 1,724,705.98 | 40.00289269 | -104.69900904 |
| 2,600.00 | 0.00 | 0.00 | 2,600.00 | 0.00 | 0.00 | 14,527,929.14 | 1,724,705.98 | 40.00289269 | -104.69900904 |
| 2,700.00 | 0.00 | 0.00 | 2,700.00 | 0.00 | 0.00 | 14,527,929.14 | 1,724,705.98 | 40.00289269 | -104.69900904 |
| 2,800.00 | 0.00 | 0.00 | 2,800.00 | 0.00 | 0.00 | 14,527,929.14 | 1,724,705.98 | 40.00289269 | -104.69900904 |
| 2,900.00 | 0.00 | 0.00 | 2,900.00 | 0.00 | 0.00 | 14,527,929.14 | 1,724,705.98 | 40.00289269 | -104.69900904 |
| 3,000.00 | 0.00 | 0.00 | 3,000.00 | 0.00 | 0.00 | 14,527,929.14 | 1,724,705.98 | 40.00289269 | -104.69900904 |
| 3,100.00 | 0.00 | 0.00 | 3,100.00 | 0.00 | 0.00 | 14,527,929.14 | 1,724,705.98 | 40.00289269 | -104.69900904 |
| 3,200.00 | 0.00 | 0.00 | 3,200.00 | 0.00 | 0.00 | 14,527,929.14 | 1,724,705.98 | 40.00289269 | -104.69900904 |
| 3,300.00 | 0.00 | 0.00 | 3,300.00 | 0.00 | 0.00 | 14,527,929.14 | 1,724,705.98 | 40.00289269 | -104.69900904 |
| 3,400.00 | 0.00 | 0.00 | 3,400.00 | 0.00 | 0.00 | 14,527,929.14 | 1,724,705.98 | 40.00289269 | -104.69900904 |
| 3,500.00 | 0.00 | 0.00 | 3,500.00 | 0.00 | 0.00 | 14,527,929.14 | 1,724,705.98 | 40.00289269 | -104.69900904 |
| 3,600.00 | 0.00 | 0.00 | 3,600.00 | 0.00 | 0.00 | 14,527,929.14 | 1,724,705.98 | 40.00289269 | -104.69900904 |
| 3,700.00 | 0.00 | 0.00 | 3,700.00 | 0.00 | 0.00 | 14,527,929.14 | 1,724,705.98 | 40.00289269 | -104.69900904 |
| 3,800.00 | 0.00 | 0.00 | 3,800.00 | 0.00 | 0.00 | 14,527,929.14 | 1,724,705.98 | 40.00289269 | -104.69900904 |
| 3,900.00 | 0.00 | 0.00 | 3,900.00 | 0.00 | 0.00 | 14,527,929.14 | 1,724,705.98 | 40.00289269 | -104.69900904 |
| 4,000.00 | 0.00 | 0.00 | 4,000.00 | 0.00 | 0.00 | 14,527,929.14 | 1,724,705.98 | 40.00289269 | -104.69900904 |
| 4,100.00 | 0.00 | 0.00 | 4,100.00 | 0.00 | 0.00 | 14,527,929.14 | 1,724,705.98 | 40.00289269 | -104.69900904 |
| 4,200.00 | 0.00 | 0.00 | 4,200.00 | 0.00 | 0.00 | 14,527,929.14 | 1,724,705.98 | 40.00289269 | -104.69900904 |
| 4,300.00 | 0.00 | 0.00 | 4,300.00 | 0.00 | 0.00 | 14,527,929.14 | 1,724,705.98 | 40.00289269 | -104.69900904 |
| 4,400.00 | 0.00 | 0.00 | 4,400.00 | 0.00 | 0.00 | 14,527,929.14 | 1,724,705.98 | 40.00289269 | -104.69900904 |
| 4,500.00 | 0.00 | 0.00 | 4,500.00 | 0.00 | 0.00 | 14,527,929.14 | 1,724,705.98 | 40.00289269 | -104.69900904 |
| 4,600.00 | 0.00 | 0.00 | 4,600.00 | 0.00 | 0.00 | 14,527,929.14 | 1,724,705.98 | 40.00289269 | -104.69900904 |
| 4,700.00 | 0.00 | 0.00 | 4,700.00 | 0.00 | 0.00 | 14,527,929.14 | 1,724,705.98 | 40.00289269 | -104.69900904 |
| 4,800.00 | 0.00 | 0.00 | 4,800.00 | 0.00 | 0.00 | 14,527,929.14 | 1,724,705.98 | 40.00289269 | -104.69900904 |
| 4,900.00 | 0.00 | 0.00 | 4,900.00 | 0.00 | 0.00 | 14,527,929.14 | 1,724,705.98 | 40.00289269 | -104.69900904 |
| 5,000.00 | 0.00 | 0.00 | 5,000.00 | 0.00 | 0.00 | 14,527,929.14 | 1,724,705.98 | 40.00289269 | -104.69900904 |
| KOP Begin 10°/100' build | | | | | | | | | |
| 5,100.00 | 10.00 | 105.49 | 5,099.49 | -2.32 | 8.39 | 14,527,926.82 | 1,724,714.37 | 40.00288623 | -104.69897911 |
| 5,200.00 | 20.00 | 105.49 | 5,195.96 | -9.23 | 33.30 | 14,527,919.92 | 1,724,739.28 | 40.00286704 | -104.69889025 |

| | | | |
|------------------|-----------------------|-------------------------------------|-------------------------|
| Database: | DB_Jul2216dt_v14 | Local Co-ordinate Reference: | Well Walla 5-6-2L |
| Company: | Confluence Resources | TVD Reference: | RKB=5041+25 @ 5066.00ft |
| Project: | Weld County, Colorado | MD Reference: | RKB=5041+25 @ 5066.00ft |
| Site: | Section 31-T01N-R65W | North Reference: | Grid |
| Well: | Walla 5-6-2L | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Original Hole | | |
| Design: | plan1 | | |

| Planned Survey | | | | | | | | | |
|---------------------------------|-----------------|-------------|---------------------|------------|------------|---------------------|--------------------|-------------|---------------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Map Northing (usft) | Map Easting (usft) | Latitude | Longitude |
| 5,300.00 | 30.00 | 105.49 | 5,286.48 | -20.50 | 73.97 | 14,527,908.65 | 1,724,779.95 | 40.00283571 | -104.69874513 |
| 5,400.00 | 40.00 | 105.49 | 5,368.29 | -35.79 | 129.18 | 14,527,893.35 | 1,724,835.16 | 40.00279320 | -104.69854819 |
| 5,500.00 | 50.00 | 105.49 | 5,438.91 | -54.65 | 197.24 | 14,527,874.49 | 1,724,903.21 | 40.00274078 | -104.69830540 |
| 5,591.59 | 59.16 | 105.49 | 5,491.94 | -74.56 | 269.09 | 14,527,854.58 | 1,724,975.07 | 40.00268543 | -104.69804906 |
| Begin 59.16° tangent section | | | | | | | | | |
| 5,600.00 | 59.16 | 105.49 | 5,496.25 | -76.49 | 276.05 | 14,527,852.66 | 1,724,982.02 | 40.00268008 | -104.69802424 |
| 5,700.00 | 59.16 | 105.49 | 5,547.51 | -99.42 | 358.79 | 14,527,829.73 | 1,725,064.77 | 40.00261635 | -104.69772906 |
| 5,800.00 | 59.16 | 105.49 | 5,598.78 | -122.34 | 441.53 | 14,527,806.80 | 1,725,147.51 | 40.00255261 | -104.69743387 |
| 5,900.00 | 59.16 | 105.49 | 5,650.05 | -145.27 | 524.27 | 14,527,783.88 | 1,725,230.25 | 40.00248888 | -104.69713869 |
| 6,000.00 | 59.16 | 105.49 | 5,701.31 | -168.20 | 607.01 | 14,527,760.95 | 1,725,312.99 | 40.00242515 | -104.69684351 |
| 6,100.00 | 59.16 | 105.49 | 5,752.58 | -191.12 | 689.76 | 14,527,738.02 | 1,725,395.73 | 40.00236142 | -104.69654833 |
| 6,200.00 | 59.16 | 105.49 | 5,803.84 | -214.05 | 772.50 | 14,527,715.10 | 1,725,478.48 | 40.00229768 | -104.69625315 |
| 6,300.00 | 59.16 | 105.49 | 5,855.11 | -236.98 | 855.24 | 14,527,692.17 | 1,725,561.22 | 40.00223395 | -104.69595797 |
| 6,400.00 | 59.16 | 105.49 | 5,906.37 | -259.90 | 937.98 | 14,527,669.24 | 1,725,643.96 | 40.00217021 | -104.69566279 |
| 6,500.00 | 59.16 | 105.49 | 5,957.64 | -282.83 | 1,020.72 | 14,527,646.32 | 1,725,726.70 | 40.00210648 | -104.69536762 |
| 6,600.00 | 59.16 | 105.49 | 6,008.90 | -305.76 | 1,103.47 | 14,527,623.39 | 1,725,809.44 | 40.00204274 | -104.69507244 |
| 6,700.00 | 59.16 | 105.49 | 6,060.17 | -328.68 | 1,186.21 | 14,527,600.46 | 1,725,892.18 | 40.00197900 | -104.69477726 |
| 6,800.00 | 59.16 | 105.49 | 6,111.43 | -351.61 | 1,268.95 | 14,527,577.54 | 1,725,974.93 | 40.00191526 | -104.69448209 |
| 6,900.00 | 59.16 | 105.49 | 6,162.70 | -374.54 | 1,351.69 | 14,527,554.61 | 1,726,057.67 | 40.00185152 | -104.69418691 |
| 7,000.00 | 59.16 | 105.49 | 6,213.96 | -397.46 | 1,434.43 | 14,527,531.68 | 1,726,140.41 | 40.00178778 | -104.69389173 |
| 7,100.00 | 59.16 | 105.49 | 6,265.23 | -420.39 | 1,517.18 | 14,527,508.76 | 1,726,223.15 | 40.00172404 | -104.69359656 |
| 7,200.00 | 59.16 | 105.49 | 6,316.49 | -443.32 | 1,599.92 | 14,527,485.83 | 1,726,305.89 | 40.00166030 | -104.69330139 |
| 7,300.00 | 59.16 | 105.49 | 6,367.76 | -466.24 | 1,682.66 | 14,527,462.90 | 1,726,388.64 | 40.00159656 | -104.69300621 |
| 7,400.00 | 59.16 | 105.49 | 6,419.02 | -489.17 | 1,765.40 | 14,527,439.98 | 1,726,471.38 | 40.00153282 | -104.69271104 |
| 7,500.00 | 59.16 | 105.49 | 6,470.29 | -512.10 | 1,848.14 | 14,527,417.05 | 1,726,554.12 | 40.00146907 | -104.69241587 |
| 7,600.00 | 59.16 | 105.49 | 6,521.56 | -535.02 | 1,930.89 | 14,527,394.12 | 1,726,636.86 | 40.00140533 | -104.69212069 |
| 7,700.00 | 59.16 | 105.49 | 6,572.82 | -557.95 | 2,013.63 | 14,527,371.20 | 1,726,719.60 | 40.00134158 | -104.69182552 |
| 7,800.00 | 59.16 | 105.49 | 6,624.09 | -580.88 | 2,096.37 | 14,527,348.27 | 1,726,802.34 | 40.00127784 | -104.69153035 |
| 7,900.00 | 59.16 | 105.49 | 6,675.35 | -603.80 | 2,179.11 | 14,527,325.34 | 1,726,885.09 | 40.00121409 | -104.69123518 |
| 8,000.00 | 59.16 | 105.49 | 6,726.62 | -626.73 | 2,261.85 | 14,527,302.42 | 1,726,967.83 | 40.00115034 | -104.69094001 |
| 8,100.00 | 59.16 | 105.49 | 6,777.88 | -649.66 | 2,344.60 | 14,527,279.49 | 1,727,050.57 | 40.00108660 | -104.69064484 |
| 8,200.00 | 59.16 | 105.49 | 6,829.15 | -672.58 | 2,427.34 | 14,527,256.56 | 1,727,133.31 | 40.00102285 | -104.69034967 |
| 8,300.00 | 59.16 | 105.49 | 6,880.41 | -695.51 | 2,510.08 | 14,527,233.64 | 1,727,216.05 | 40.00095910 | -104.69005451 |
| 8,400.00 | 59.16 | 105.49 | 6,931.68 | -718.44 | 2,592.82 | 14,527,210.71 | 1,727,298.80 | 40.00089535 | -104.68975934 |
| 8,500.00 | 59.16 | 105.49 | 6,982.94 | -741.36 | 2,675.56 | 14,527,187.78 | 1,727,381.54 | 40.00083160 | -104.68946417 |
| 8,577.07 | 59.16 | 105.49 | 7,022.45 | -759.03 | 2,739.33 | 14,527,170.12 | 1,727,445.31 | 40.00078246 | -104.68923669 |
| Begin 10°/100' build/tur | | | | | | | | | |
| 8,600.00 | 59.50 | 108.12 | 7,034.15 | -764.73 | 2,758.21 | 14,527,164.41 | 1,727,464.18 | 40.00076662 | -104.68916935 |
| 8,700.00 | 61.60 | 119.36 | 7,083.43 | -799.79 | 2,837.69 | 14,527,129.36 | 1,727,543.66 | 40.00066960 | -104.68888598 |
| 8,800.00 | 64.57 | 130.07 | 7,128.80 | -850.55 | 2,910.77 | 14,527,078.60 | 1,727,616.74 | 40.00052950 | -104.68862568 |
| 8,900.00 | 68.28 | 140.21 | 7,168.87 | -915.47 | 2,975.22 | 14,527,013.68 | 1,727,681.19 | 40.00035059 | -104.68839635 |
| 9,000.00 | 72.58 | 149.80 | 7,202.43 | -992.59 | 3,029.08 | 14,526,936.56 | 1,727,735.06 | 40.00013830 | -104.68820497 |
| 9,100.00 | 77.31 | 158.92 | 7,228.45 | -1,079.55 | 3,070.73 | 14,526,849.59 | 1,727,776.70 | 39.99989908 | -104.68805735 |
| 9,200.00 | 82.33 | 167.71 | 7,246.15 | -1,173.72 | 3,098.89 | 14,526,755.42 | 1,727,804.86 | 39.99964020 | -104.68795798 |
| 9,300.00 | 87.54 | 176.29 | 7,254.99 | -1,272.24 | 3,112.71 | 14,526,656.91 | 1,727,818.68 | 39.99936953 | -104.68790986 |
| 9,346.61 | 89.99 | 180.25 | 7,256.00 | -1,318.80 | 3,114.12 | 14,526,610.34 | 1,727,820.09 | 39.99924165 | -104.68790542 |
| LP Begin 89.99° lateral section | | | | | | | | | |
| 9,400.00 | 89.99 | 180.25 | 7,256.01 | -1,372.20 | 3,113.88 | 14,526,556.95 | 1,727,819.85 | 39.99909503 | -104.68790693 |
| 9,500.00 | 89.99 | 180.25 | 7,256.03 | -1,472.19 | 3,113.44 | 14,526,456.95 | 1,727,819.41 | 39.99882042 | -104.68790975 |
| 9,600.00 | 89.99 | 180.25 | 7,256.05 | -1,572.19 | 3,113.00 | 14,526,356.95 | 1,727,818.97 | 39.99854581 | -104.68791257 |
| 9,700.00 | 89.99 | 180.25 | 7,256.08 | -1,672.19 | 3,112.56 | 14,526,256.96 | 1,727,818.54 | 39.99827121 | -104.68791539 |
| 9,800.00 | 89.99 | 180.25 | 7,256.10 | -1,772.19 | 3,112.12 | 14,526,156.96 | 1,727,818.10 | 39.99799660 | -104.68791821 |
| 9,900.00 | 89.99 | 180.25 | 7,256.12 | -1,872.19 | 3,111.68 | 14,526,056.96 | 1,727,817.66 | 39.99772199 | -104.68792103 |
| 10,000.00 | 89.99 | 180.25 | 7,256.14 | -1,972.19 | 3,111.24 | 14,525,956.96 | 1,727,817.22 | 39.99744738 | -104.68792385 |

| | | | |
|------------------|-----------------------|-------------------------------------|-------------------------|
| Database: | DB_Jul2216dt_v14 | Local Co-ordinate Reference: | Well Walla 5-6-2L |
| Company: | Confluence Resources | TVD Reference: | RKB=5041+25 @ 5066.00ft |
| Project: | Weld County, Colorado | MD Reference: | RKB=5041+25 @ 5066.00ft |
| Site: | Section 31-T01N-R65W | North Reference: | Grid |
| Well: | Walla 5-6-2L | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Original Hole | | |
| Design: | plan1 | | |

| Planned Survey | | | | | | | | | |
|---------------------|-----------------|-------------|---------------------|------------|------------|---------------------|--------------------|-------------|---------------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Map Northing (usft) | Map Easting (usft) | Latitude | Longitude |
| 10,100.00 | 89.99 | 180.25 | 7,256.16 | -2,072.19 | 3,110.80 | 14,525,856.96 | 1,727,816.78 | 39.99717277 | -104.68792667 |
| 10,200.00 | 89.99 | 180.25 | 7,256.18 | -2,172.19 | 3,110.36 | 14,525,756.96 | 1,727,816.34 | 39.99689817 | -104.68792949 |
| 10,300.00 | 89.99 | 180.25 | 7,256.21 | -2,272.19 | 3,109.92 | 14,525,656.96 | 1,727,815.90 | 39.99662356 | -104.68793231 |
| 10,400.00 | 89.99 | 180.25 | 7,256.23 | -2,372.19 | 3,109.49 | 14,525,556.96 | 1,727,815.46 | 39.99634895 | -104.68793513 |
| 10,500.00 | 89.99 | 180.25 | 7,256.25 | -2,472.18 | 3,109.05 | 14,525,456.97 | 1,727,815.02 | 39.99607434 | -104.68793795 |
| 10,600.00 | 89.99 | 180.25 | 7,256.27 | -2,572.18 | 3,108.61 | 14,525,356.97 | 1,727,814.58 | 39.99579973 | -104.68794077 |
| 10,700.00 | 89.99 | 180.25 | 7,256.29 | -2,672.18 | 3,108.17 | 14,525,256.97 | 1,727,814.14 | 39.99552513 | -104.68794359 |
| 10,800.00 | 89.99 | 180.25 | 7,256.31 | -2,772.18 | 3,107.73 | 14,525,156.97 | 1,727,813.70 | 39.99525052 | -104.68794641 |
| 10,900.00 | 89.99 | 180.25 | 7,256.33 | -2,872.18 | 3,107.29 | 14,525,056.97 | 1,727,813.26 | 39.99497591 | -104.68794923 |
| 11,000.00 | 89.99 | 180.25 | 7,256.36 | -2,972.18 | 3,106.85 | 14,524,956.97 | 1,727,812.82 | 39.99470130 | -104.68795204 |
| 11,100.00 | 89.99 | 180.25 | 7,256.38 | -3,072.18 | 3,106.41 | 14,524,856.97 | 1,727,812.38 | 39.99442669 | -104.68795486 |
| 11,200.00 | 89.99 | 180.25 | 7,256.40 | -3,172.18 | 3,105.97 | 14,524,756.97 | 1,727,811.94 | 39.99415209 | -104.68795768 |
| 11,300.00 | 89.99 | 180.25 | 7,256.42 | -3,272.18 | 3,105.53 | 14,524,656.97 | 1,727,811.50 | 39.99387748 | -104.68796050 |
| 11,400.00 | 89.99 | 180.25 | 7,256.44 | -3,372.18 | 3,105.09 | 14,524,556.98 | 1,727,811.06 | 39.99360287 | -104.68796332 |
| 11,500.00 | 89.99 | 180.25 | 7,256.46 | -3,472.17 | 3,104.65 | 14,524,456.98 | 1,727,810.62 | 39.99332826 | -104.68796614 |
| 11,600.00 | 89.99 | 180.25 | 7,256.49 | -3,572.17 | 3,104.21 | 14,524,356.98 | 1,727,810.18 | 39.99305365 | -104.68796896 |
| 11,700.00 | 89.99 | 180.25 | 7,256.51 | -3,672.17 | 3,103.77 | 14,524,256.98 | 1,727,809.74 | 39.99277905 | -104.68797178 |
| 11,800.00 | 89.99 | 180.25 | 7,256.53 | -3,772.17 | 3,103.33 | 14,524,156.98 | 1,727,809.30 | 39.99250444 | -104.68797460 |
| 11,900.00 | 89.99 | 180.25 | 7,256.55 | -3,872.17 | 3,102.89 | 14,524,056.98 | 1,727,808.86 | 39.99222983 | -104.68797742 |
| 12,000.00 | 89.99 | 180.25 | 7,256.57 | -3,972.17 | 3,102.45 | 14,523,956.98 | 1,727,808.42 | 39.99195522 | -104.68798024 |
| 12,100.00 | 89.99 | 180.25 | 7,256.59 | -4,072.17 | 3,102.01 | 14,523,856.98 | 1,727,807.98 | 39.99168061 | -104.68798306 |
| 12,200.00 | 89.99 | 180.25 | 7,256.61 | -4,172.17 | 3,101.57 | 14,523,756.99 | 1,727,807.54 | 39.99140600 | -104.68798588 |
| 12,300.00 | 89.99 | 180.25 | 7,256.64 | -4,272.17 | 3,101.13 | 14,523,656.99 | 1,727,807.10 | 39.99113140 | -104.68798870 |
| 12,400.00 | 89.99 | 180.25 | 7,256.66 | -4,372.17 | 3,100.69 | 14,523,556.99 | 1,727,806.67 | 39.99085679 | -104.68799151 |
| 12,500.00 | 89.99 | 180.25 | 7,256.68 | -4,472.17 | 3,100.25 | 14,523,456.99 | 1,727,806.23 | 39.99058218 | -104.68799433 |
| 12,600.00 | 89.99 | 180.25 | 7,256.70 | -4,572.16 | 3,099.81 | 14,523,356.99 | 1,727,805.79 | 39.99030757 | -104.68799715 |
| 12,700.00 | 89.99 | 180.25 | 7,256.72 | -4,672.16 | 3,099.37 | 14,523,256.99 | 1,727,805.35 | 39.99003296 | -104.68799997 |
| 12,800.00 | 89.99 | 180.25 | 7,256.74 | -4,772.16 | 3,098.93 | 14,523,156.99 | 1,727,804.91 | 39.98975835 | -104.68800279 |
| 12,900.00 | 89.99 | 180.25 | 7,256.77 | -4,872.16 | 3,098.49 | 14,523,056.99 | 1,727,804.47 | 39.98948375 | -104.68800561 |
| 13,000.00 | 89.99 | 180.25 | 7,256.79 | -4,972.16 | 3,098.06 | 14,522,956.99 | 1,727,804.03 | 39.98920914 | -104.68800843 |
| 13,100.00 | 89.99 | 180.25 | 7,256.81 | -5,072.16 | 3,097.62 | 14,522,857.00 | 1,727,803.59 | 39.98893453 | -104.68801125 |
| 13,200.00 | 89.99 | 180.25 | 7,256.83 | -5,172.16 | 3,097.18 | 14,522,757.00 | 1,727,803.15 | 39.98865992 | -104.68801407 |
| 13,300.00 | 89.99 | 180.25 | 7,256.85 | -5,272.16 | 3,096.74 | 14,522,657.00 | 1,727,802.71 | 39.98838531 | -104.68801688 |
| 13,400.00 | 89.99 | 180.25 | 7,256.87 | -5,372.16 | 3,096.30 | 14,522,557.00 | 1,727,802.27 | 39.98811070 | -104.68801970 |
| 13,500.00 | 89.99 | 180.25 | 7,256.89 | -5,472.16 | 3,095.86 | 14,522,457.00 | 1,727,801.83 | 39.98783610 | -104.68802252 |
| 13,600.00 | 89.99 | 180.25 | 7,256.92 | -5,572.15 | 3,095.42 | 14,522,357.00 | 1,727,801.39 | 39.98756149 | -104.68802534 |
| 13,700.00 | 89.99 | 180.25 | 7,256.94 | -5,672.15 | 3,094.98 | 14,522,257.00 | 1,727,800.95 | 39.98728688 | -104.68802816 |
| 13,800.00 | 89.99 | 180.25 | 7,256.96 | -5,772.15 | 3,094.54 | 14,522,157.00 | 1,727,800.51 | 39.98701227 | -104.68803098 |
| 13,900.00 | 89.99 | 180.25 | 7,256.98 | -5,872.15 | 3,094.10 | 14,522,057.00 | 1,727,800.07 | 39.98673766 | -104.68803380 |
| 14,000.00 | 89.99 | 180.25 | 7,257.00 | -5,972.15 | 3,093.66 | 14,521,957.01 | 1,727,799.63 | 39.98646305 | -104.68803661 |
| 14,100.00 | 89.99 | 180.25 | 7,257.02 | -6,072.15 | 3,093.22 | 14,521,857.01 | 1,727,799.19 | 39.98618845 | -104.68803943 |
| 14,200.00 | 89.99 | 180.25 | 7,257.05 | -6,172.15 | 3,092.78 | 14,521,757.01 | 1,727,798.75 | 39.98591384 | -104.68804225 |
| 14,300.00 | 89.99 | 180.25 | 7,257.07 | -6,272.15 | 3,092.34 | 14,521,657.01 | 1,727,798.31 | 39.98563923 | -104.68804507 |
| 14,400.00 | 89.99 | 180.25 | 7,257.09 | -6,372.15 | 3,091.90 | 14,521,557.01 | 1,727,797.87 | 39.98536462 | -104.68804789 |
| 14,500.00 | 89.99 | 180.25 | 7,257.11 | -6,472.15 | 3,091.46 | 14,521,457.01 | 1,727,797.43 | 39.98509001 | -104.68805071 |
| 14,600.00 | 89.99 | 180.25 | 7,257.13 | -6,572.14 | 3,091.02 | 14,521,357.01 | 1,727,796.99 | 39.98481540 | -104.68805353 |
| 14,700.00 | 89.99 | 180.25 | 7,257.15 | -6,672.14 | 3,090.58 | 14,521,257.01 | 1,727,796.55 | 39.98454079 | -104.68805634 |
| 14,800.00 | 89.99 | 180.25 | 7,257.17 | -6,772.14 | 3,090.14 | 14,521,157.02 | 1,727,796.11 | 39.98426619 | -104.68805916 |
| 14,900.00 | 89.99 | 180.25 | 7,257.20 | -6,872.14 | 3,089.70 | 14,521,057.02 | 1,727,795.67 | 39.98399158 | -104.68806198 |
| 15,000.00 | 89.99 | 180.25 | 7,257.22 | -6,972.14 | 3,089.26 | 14,520,957.02 | 1,727,795.24 | 39.98371697 | -104.68806480 |
| 15,100.00 | 89.99 | 180.25 | 7,257.24 | -7,072.14 | 3,088.82 | 14,520,857.02 | 1,727,794.80 | 39.98344236 | -104.68806762 |
| 15,200.00 | 89.99 | 180.25 | 7,257.26 | -7,172.14 | 3,088.38 | 14,520,757.02 | 1,727,794.36 | 39.98316775 | -104.68807044 |
| 15,300.00 | 89.99 | 180.25 | 7,257.28 | -7,272.14 | 3,087.94 | 14,520,657.02 | 1,727,793.92 | 39.98289314 | -104.68807325 |
| 15,400.00 | 89.99 | 180.25 | 7,257.30 | -7,372.14 | 3,087.50 | 14,520,557.02 | 1,727,793.48 | 39.98261853 | -104.68807607 |
| 15,500.00 | 89.99 | 180.25 | 7,257.32 | -7,472.14 | 3,087.06 | 14,520,457.02 | 1,727,793.04 | 39.98234393 | -104.68807889 |

| | | | |
|------------------|-----------------------|-------------------------------------|-------------------------|
| Database: | DB_Jul2216dt_v14 | Local Co-ordinate Reference: | Well Walla 5-6-2L |
| Company: | Confluence Resources | TVD Reference: | RKB=5041+25 @ 5066.00ft |
| Project: | Weld County, Colorado | MD Reference: | RKB=5041+25 @ 5066.00ft |
| Site: | Section 31-T01N-R65W | North Reference: | Grid |
| Well: | Walla 5-6-2L | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Original Hole | | |
| Design: | plan1 | | |

| Planned Survey | | | | | | | | | |
|---------------------------------|-----------------|-------------|---------------------|------------|------------|---------------------|--------------------|-------------|---------------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Map Northing (usft) | Map Easting (usft) | Latitude | Longitude |
| 15,600.00 | 89.99 | 180.25 | 7,257.35 | -7,572.14 | 3,086.63 | 14,520,357.02 | 1,727,792.60 | 39.98206932 | -104.68808171 |
| 15,700.00 | 89.99 | 180.25 | 7,257.37 | -7,672.13 | 3,086.19 | 14,520,257.03 | 1,727,792.16 | 39.98179471 | -104.68808453 |
| 15,800.00 | 89.99 | 180.25 | 7,257.39 | -7,772.13 | 3,085.75 | 14,520,157.03 | 1,727,791.72 | 39.98152010 | -104.68808734 |
| 15,900.00 | 89.99 | 180.25 | 7,257.41 | -7,872.13 | 3,085.31 | 14,520,057.03 | 1,727,791.28 | 39.98124549 | -104.68809016 |
| 16,000.00 | 89.99 | 180.25 | 7,257.43 | -7,972.13 | 3,084.87 | 14,519,957.03 | 1,727,790.84 | 39.98097088 | -104.68809298 |
| 16,100.00 | 89.99 | 180.25 | 7,257.45 | -8,072.13 | 3,084.43 | 14,519,857.03 | 1,727,790.40 | 39.98069627 | -104.68809580 |
| 16,200.00 | 89.99 | 180.25 | 7,257.48 | -8,172.13 | 3,083.99 | 14,519,757.03 | 1,727,789.96 | 39.98042166 | -104.68809862 |
| 16,300.00 | 89.99 | 180.25 | 7,257.50 | -8,272.13 | 3,083.55 | 14,519,657.03 | 1,727,789.52 | 39.98014706 | -104.68810143 |
| 16,400.00 | 89.99 | 180.25 | 7,257.52 | -8,372.13 | 3,083.11 | 14,519,557.03 | 1,727,789.08 | 39.97987245 | -104.68810425 |
| 16,500.00 | 89.99 | 180.25 | 7,257.54 | -8,472.13 | 3,082.67 | 14,519,457.04 | 1,727,788.64 | 39.97959784 | -104.68810707 |
| 16,600.00 | 89.99 | 180.25 | 7,257.56 | -8,572.13 | 3,082.23 | 14,519,357.04 | 1,727,788.20 | 39.97932323 | -104.68810989 |
| 16,700.00 | 89.99 | 180.25 | 7,257.58 | -8,672.12 | 3,081.79 | 14,519,257.04 | 1,727,787.76 | 39.97904862 | -104.68811271 |
| 16,800.00 | 89.99 | 180.25 | 7,257.60 | -8,772.12 | 3,081.35 | 14,519,157.04 | 1,727,787.32 | 39.97877401 | -104.68811552 |
| 16,900.00 | 89.99 | 180.25 | 7,257.63 | -8,872.12 | 3,080.91 | 14,519,057.04 | 1,727,786.88 | 39.97849940 | -104.68811834 |
| 17,000.00 | 89.99 | 180.25 | 7,257.65 | -8,972.12 | 3,080.47 | 14,518,957.04 | 1,727,786.44 | 39.97822479 | -104.68812116 |
| 17,100.00 | 89.99 | 180.25 | 7,257.67 | -9,072.12 | 3,080.03 | 14,518,857.04 | 1,727,786.00 | 39.97795018 | -104.68812398 |
| 17,200.00 | 89.99 | 180.25 | 7,257.69 | -9,172.12 | 3,079.59 | 14,518,757.04 | 1,727,785.56 | 39.97767558 | -104.68812679 |
| 17,300.00 | 89.99 | 180.25 | 7,257.71 | -9,272.12 | 3,079.15 | 14,518,657.04 | 1,727,785.12 | 39.97740097 | -104.68812961 |
| 17,400.00 | 89.99 | 180.25 | 7,257.73 | -9,372.12 | 3,078.71 | 14,518,557.05 | 1,727,784.68 | 39.97712636 | -104.68813243 |
| 17,500.00 | 89.99 | 180.25 | 7,257.76 | -9,472.12 | 3,078.27 | 14,518,457.05 | 1,727,784.24 | 39.97685175 | -104.68813525 |
| 17,600.00 | 89.99 | 180.25 | 7,257.78 | -9,572.12 | 3,077.83 | 14,518,357.05 | 1,727,783.80 | 39.97657714 | -104.68813806 |
| 17,700.00 | 89.99 | 180.25 | 7,257.80 | -9,672.11 | 3,077.39 | 14,518,257.05 | 1,727,783.37 | 39.97630253 | -104.68814088 |
| 17,800.00 | 89.99 | 180.25 | 7,257.82 | -9,772.11 | 3,076.95 | 14,518,157.05 | 1,727,782.93 | 39.97602792 | -104.68814370 |
| 17,900.00 | 89.99 | 180.25 | 7,257.84 | -9,872.11 | 3,076.51 | 14,518,057.05 | 1,727,782.49 | 39.97575331 | -104.68814652 |
| 18,000.00 | 89.99 | 180.25 | 7,257.86 | -9,972.11 | 3,076.07 | 14,517,957.05 | 1,727,782.05 | 39.97547870 | -104.68814933 |
| 18,100.00 | 89.99 | 180.25 | 7,257.88 | -10,072.11 | 3,075.63 | 14,517,857.05 | 1,727,781.61 | 39.97520410 | -104.68815215 |
| 18,200.00 | 89.99 | 180.25 | 7,257.91 | -10,172.11 | 3,075.19 | 14,517,757.05 | 1,727,781.17 | 39.97492949 | -104.68815497 |
| 18,300.00 | 89.99 | 180.25 | 7,257.93 | -10,272.11 | 3,074.76 | 14,517,657.06 | 1,727,780.73 | 39.97465488 | -104.68815779 |
| 18,400.00 | 89.99 | 180.25 | 7,257.95 | -10,372.11 | 3,074.32 | 14,517,557.06 | 1,727,780.29 | 39.97438027 | -104.68816060 |
| 18,500.00 | 89.99 | 180.25 | 7,257.97 | -10,472.11 | 3,073.88 | 14,517,457.06 | 1,727,779.85 | 39.97410566 | -104.68816342 |
| 18,600.00 | 89.99 | 180.25 | 7,257.99 | -10,572.11 | 3,073.44 | 14,517,357.06 | 1,727,779.41 | 39.97383105 | -104.68816624 |
| 18,636.43 | 89.99 | 180.25 | 7,258.00 | -10,608.53 | 3,073.28 | 14,517,320.63 | 1,727,779.25 | 39.97373102 | -104.68816726 |
| PBHL/TD 18636.43 MD/7258.00 TVD | | | | | | | | | |

| Design Targets | | | | | | | | | |
|---|---------------|--------------|----------|------------|------------|-----------------|----------------|-------------|---------------|
| Target Name - hit/miss target - Shape | Dip Angle (°) | Dip Dir. (°) | TVD (ft) | +N/-S (ft) | +E/-W (ft) | Northing (usft) | Easting (usft) | Latitude | Longitude |
| LP Walla 5-6-2L 470 FNI - plan hits target center - Point | 0.00 | 0.00 | 7,256.00 | -1,318.80 | 3,114.12 | 14,526,610.34 | 1,727,820.09 | 39.99924165 | -104.68790542 |
| BHL Walla 5-6-2L 470 F: - plan hits target center - Point | 0.00 | 0.00 | 7,258.00 | -10,608.53 | 3,073.28 | 14,517,320.63 | 1,727,779.25 | 39.97373102 | -104.68816726 |

| | | | |
|------------------|-----------------------|-------------------------------------|-------------------------|
| Database: | DB_Jul2216dt_v14 | Local Co-ordinate Reference: | Well Walla 5-6-2L |
| Company: | Confluence Resources | TVD Reference: | RKB=5041+25 @ 5066.00ft |
| Project: | Weld County, Colorado | MD Reference: | RKB=5041+25 @ 5066.00ft |
| Site: | Section 31-T01N-R65W | North Reference: | Grid |
| Well: | Walla 5-6-2L | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Original Hole | | |
| Design: | plan1 | | |

| Plan Annotations | | | | |
|---------------------------|---------------------------|-------------------|---------------|---------------------------------|
| Measured Depth (ft) | Vertical Depth (ft) | Local Coordinates | | Comment |
| | | +N/-S (ft) | +E/-W (ft) | |
| 5,000.00 | 5,000.00 | 0.00 | 0.00 | KOP Begin 10°/100' build |
| 5,591.59 | 5,491.94 | -74.56 | 269.09 | Begin 59.16° tangent section |
| 8,577.07 | 7,022.45 | -759.03 | 2,739.33 | Begin 10°/100' build/tur |
| 9,346.61 | 7,256.00 | -1,318.80 | 3,114.12 | LP Begin 89.99° lateral section |
| 18,636.43 | 7,258.00 | -10,608.53 | 3,073.28 | PBHL/TD 18636.43 MD/7258.00 TVD |