

Weld County, Colorado
Section 06-T07N-R64W
Almont 5-13-03L
plan1

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 | 3000.00 | 0.00 | 0.00 | 3000.00 | 0.00 | 0.00 | 0.00 | 0.00 | KOP Begin 1°/100' build |
| 3 | 4157.66 | 11.58 | 158.90 | 4149.80 | -108.74 | 41.97 | 1.00 | 48.22 | Begin 11.58° tangent |
| 4 | 6747.60 | 11.58 | 158.90 | 6687.06 | -593.62 | 229.11 | 0.00 | 263.27 | Begin 10°/100' build/turn |
| 5 | 7607.08 | 90.00 | 89.51 | 7210.00 | -689.04 | 801.46 | 10.00 | 840.20 | Begin 90.00° lateral |
| 6 | 17228.73 | 90.00 | 89.51 | 7210.00 | -607.56 | 10422.77 | 0.00 | 10440.46 | PBHL/TD 17228.73 MD/7210.00 TVD |

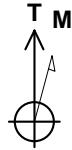
DESIGN TARGET DETAILS

| Name | TVD | +N/-S | +E/-W | Northing | Easting | Latitude | Longitude |
|---------------------------------------|---------|---------|----------|-------------|------------|-------------|---------------|
| Almont 5-13-03L LP 4592 FNL 470 FWL | 7210.00 | -689.04 | 801.46 | 14744244.68 | 1756697.41 | 40.59653742 | -104.58111996 |
| Almont 5-13-03L PBHL 4592 FNL 470 FEL | 7210.00 | -607.56 | 10422.77 | 14744371.62 | 1766318.20 | 40.59675510 | -104.54646147 |

Azimuth Corrections:

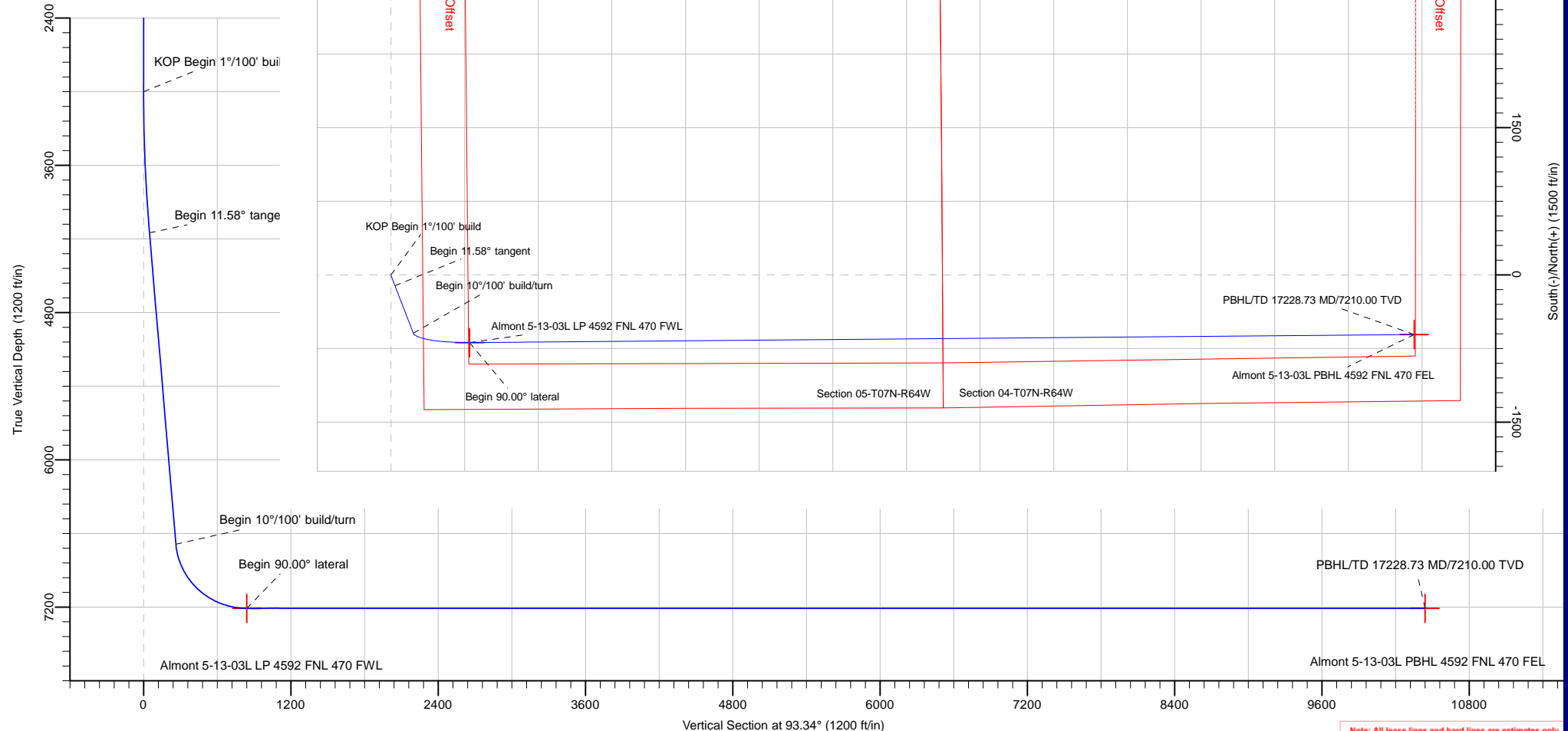
To convert a Magnetic Direction to a True Direction, Add 7.98° East

| Almont 5-13-03L | | | |
|---|------------|-------------|---------------|
| Surf loc: 1375 FSL 325 FEL Section 06-T08N-R64W | | | |
| NAD83 Colorado - HARN | | | |
| Universal Transverse Mercator (US Survey Feet) | | | |
| Zone 13N (108 W to 102 W) | | | |
| RKB=5001+24 @ 5025.00ft | | | |
| Northing | Easting | Latitude | Longitude |
| 14744929.92 | 1755892.70 | 40.59842945 | -104.58400705 |



Azimuths to True North
Magnetic North: 7.98°

Magnetic Field
Strength: 52357.1snT
Dip Angle: 66.98°
Date: 2/22/2018
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 Almont 5-13-03L |
| Company: | Confluence Resources | TVD Reference: | RKB=5001+24 @ 5025.00ft |
| Project: | Weld County, Colorado | MD Reference: | RKB=5001+24 @ 5025.00ft |
| Site: | Section 06-T07N-R64W | North Reference: | True |
| Well: | Almont 5-13-03L | 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 06-T07N-R64W | | | |
| Site Position: | | Northing: | 14,746,184.54 usft | Latitude: | 40.60187654 |
| From: | Map | Easting: | 1,755,730.03 usft | Longitude: | -104.58457171 |
| Position Uncertainty: | 0.00 ft | Slot Radius: | 13-3/16 " | Grid Convergence: | 0.27 ° |

| | | | | | | |
|----------------------|--|--------------|---------------------|--------------------|---------------|---------------|
| Well | Almont 5-13-03L, Surf loc: 1375 FSL 325 FEL Section 06-T08N-R64W | | | | | |
| Well Position | +N/-S | -1,255.38 ft | Northing: | 14,744,929.92 usft | Latitude: | 40.59842945 |
| | +E/-W | 156.75 ft | Easting: | 1,755,892.70 usft | Longitude: | -104.58400704 |
| Position Uncertainty | | 0.00 ft | Wellhead Elevation: | | Ground Level: | 5,001.00 ft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | Original Hole | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | HDGM | 2/22/2018 | 7.98 | 66.98 | 52,357.10000000 |

| | | | | |
|--------------------------|------------------------------|-------------------|----------------------|----------------------|
| 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 | 93.34 |

| | | | | |
|---------------------------------|----------------------|--------------------------|-----------------------|----------------|
| Plan Survey Tool Program | Date | 2/22/2018 | | |
| Depth From (ft) | Depth To (ft) | Survey (Wellbore) | Tool Name | Remarks |
| 1 | 0.00 | 17,228.73 | 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 | |
| 3,000.00 | 0.00 | 0.00 | 3,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 4,157.66 | 11.58 | 158.90 | 4,149.80 | -108.74 | 41.97 | 1.00 | 1.00 | 0.00 | 158.90 | |
| 6,747.60 | 11.58 | 158.90 | 6,687.06 | -593.62 | 229.11 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 7,607.08 | 90.00 | 89.51 | 7,210.00 | -689.04 | 801.46 | 10.00 | 9.12 | -8.07 | -69.77 | Almont 5-13-03L LP 4 |
| 17,228.73 | 90.00 | 89.51 | 7,210.00 | -607.56 | 10,422.77 | 0.00 | 0.00 | 0.00 | 0.00 | Almont 5-13-03L PBH |

| | | | |
|------------------|-----------------------|-------------------------------------|-------------------------|
| Database: | DB_Jul2216dt_v14 | Local Co-ordinate Reference: | Well Almont 5-13-03L |
| Company: | Confluence Resources | TVD Reference: | RKB=5001+24 @ 5025.00ft |
| Project: | Weld County, Colorado | MD Reference: | RKB=5001+24 @ 5025.00ft |
| Site: | Section 06-T07N-R64W | North Reference: | True |
| Well: | Almont 5-13-03L | 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 |
| KOP Begin 1°/100' build | | | | | | | | | |
| 3,100.00 | 1.00 | 158.90 | 3,099.99 | -0.81 | 0.31 | 0.36 | 1.00 | 1.00 | 0.00 |
| 3,200.00 | 2.00 | 158.90 | 3,199.96 | -3.26 | 1.26 | 1.44 | 1.00 | 1.00 | 0.00 |
| 3,300.00 | 3.00 | 158.90 | 3,299.86 | -7.33 | 2.83 | 3.25 | 1.00 | 1.00 | 0.00 |
| 3,400.00 | 4.00 | 158.90 | 3,399.68 | -13.02 | 5.03 | 5.77 | 1.00 | 1.00 | 0.00 |
| 3,500.00 | 5.00 | 158.90 | 3,499.37 | -20.34 | 7.85 | 9.02 | 1.00 | 1.00 | 0.00 |
| 3,600.00 | 6.00 | 158.90 | 3,598.90 | -29.28 | 11.30 | 12.99 | 1.00 | 1.00 | 0.00 |
| 3,700.00 | 7.00 | 158.90 | 3,698.26 | -39.84 | 15.38 | 17.67 | 1.00 | 1.00 | 0.00 |
| 3,800.00 | 8.00 | 158.90 | 3,797.40 | -52.02 | 20.08 | 23.07 | 1.00 | 1.00 | 0.00 |
| 3,900.00 | 9.00 | 158.90 | 3,896.30 | -65.81 | 25.40 | 29.19 | 1.00 | 1.00 | 0.00 |
| 4,000.00 | 10.00 | 158.90 | 3,994.93 | -81.21 | 31.34 | 36.01 | 1.00 | 1.00 | 0.00 |
| 4,100.00 | 11.00 | 158.90 | 4,093.26 | -98.21 | 37.90 | 43.55 | 1.00 | 1.00 | 0.00 |
| 4,157.66 | 11.58 | 158.90 | 4,149.80 | -108.74 | 41.97 | 48.22 | 1.00 | 1.00 | 0.00 |
| Begin 11.58° tangent | | | | | | | | | |
| 4,200.00 | 11.58 | 158.90 | 4,191.28 | -116.66 | 45.03 | 51.74 | 0.00 | 0.00 | 0.00 |
| 4,300.00 | 11.58 | 158.90 | 4,289.24 | -135.39 | 52.25 | 60.04 | 0.00 | 0.00 | 0.00 |
| 4,400.00 | 11.58 | 158.90 | 4,387.21 | -154.11 | 59.48 | 68.35 | 0.00 | 0.00 | 0.00 |
| 4,500.00 | 11.58 | 158.90 | 4,485.18 | -172.83 | 66.70 | 76.65 | 0.00 | 0.00 | 0.00 |
| 4,600.00 | 11.58 | 158.90 | 4,583.14 | -191.55 | 73.93 | 84.95 | 0.00 | 0.00 | 0.00 |
| 4,700.00 | 11.58 | 158.90 | 4,681.11 | -210.27 | 81.16 | 93.25 | 0.00 | 0.00 | 0.00 |
| 4,800.00 | 11.58 | 158.90 | 4,779.07 | -228.99 | 88.38 | 101.56 | 0.00 | 0.00 | 0.00 |
| 4,900.00 | 11.58 | 158.90 | 4,877.04 | -247.72 | 95.61 | 109.86 | 0.00 | 0.00 | 0.00 |

| | | | |
|------------------|-----------------------|-------------------------------------|-------------------------|
| Database: | DB_Jul2216dt_v14 | Local Co-ordinate Reference: | Well Almont 5-13-03L |
| Company: | Confluence Resources | TVD Reference: | RKB=5001+24 @ 5025.00ft |
| Project: | Weld County, Colorado | MD Reference: | RKB=5001+24 @ 5025.00ft |
| Site: | Section 06-T07N-R64W | North Reference: | True |
| Well: | Almont 5-13-03L | 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) |
| 5,000.00 | 11.58 | 158.90 | 4,975.00 | -266.44 | 102.83 | 118.16 | 0.00 | 0.00 | 0.00 |
| 5,100.00 | 11.58 | 158.90 | 5,072.97 | -285.16 | 110.06 | 126.47 | 0.00 | 0.00 | 0.00 |
| 5,200.00 | 11.58 | 158.90 | 5,170.94 | -303.88 | 117.28 | 134.77 | 0.00 | 0.00 | 0.00 |
| 5,300.00 | 11.58 | 158.90 | 5,268.90 | -322.60 | 124.51 | 143.07 | 0.00 | 0.00 | 0.00 |
| 5,400.00 | 11.58 | 158.90 | 5,366.87 | -341.32 | 131.74 | 151.38 | 0.00 | 0.00 | 0.00 |
| 5,500.00 | 11.58 | 158.90 | 5,464.83 | -360.05 | 138.96 | 159.68 | 0.00 | 0.00 | 0.00 |
| 5,600.00 | 11.58 | 158.90 | 5,562.80 | -378.77 | 146.19 | 167.98 | 0.00 | 0.00 | 0.00 |
| 5,700.00 | 11.58 | 158.90 | 5,660.76 | -397.49 | 153.41 | 176.28 | 0.00 | 0.00 | 0.00 |
| 5,800.00 | 11.58 | 158.90 | 5,758.73 | -416.21 | 160.64 | 184.59 | 0.00 | 0.00 | 0.00 |
| 5,900.00 | 11.58 | 158.90 | 5,856.70 | -434.93 | 167.87 | 192.89 | 0.00 | 0.00 | 0.00 |
| 6,000.00 | 11.58 | 158.90 | 5,954.66 | -453.66 | 175.09 | 201.19 | 0.00 | 0.00 | 0.00 |
| 6,100.00 | 11.58 | 158.90 | 6,052.63 | -472.38 | 182.32 | 209.50 | 0.00 | 0.00 | 0.00 |
| 6,200.00 | 11.58 | 158.90 | 6,150.59 | -491.10 | 189.54 | 217.80 | 0.00 | 0.00 | 0.00 |
| 6,300.00 | 11.58 | 158.90 | 6,248.56 | -509.82 | 196.77 | 226.10 | 0.00 | 0.00 | 0.00 |
| 6,400.00 | 11.58 | 158.90 | 6,346.52 | -528.54 | 203.99 | 234.41 | 0.00 | 0.00 | 0.00 |
| 6,500.00 | 11.58 | 158.90 | 6,444.49 | -547.26 | 211.22 | 242.71 | 0.00 | 0.00 | 0.00 |
| 6,600.00 | 11.58 | 158.90 | 6,542.46 | -565.99 | 218.45 | 251.01 | 0.00 | 0.00 | 0.00 |
| 6,700.00 | 11.58 | 158.90 | 6,640.42 | -584.71 | 225.67 | 259.31 | 0.00 | 0.00 | 0.00 |
| 6,747.60 | 11.58 | 158.90 | 6,687.06 | -593.62 | 229.11 | 263.27 | 0.00 | 0.00 | 0.00 |
| Begin 10°/100' build/turn | | | | | | | | | |
| 6,800.00 | 14.25 | 138.53 | 6,738.15 | -603.36 | 235.28 | 269.99 | 10.00 | 5.10 | -38.88 |
| 6,900.00 | 22.03 | 117.79 | 6,833.20 | -621.38 | 260.09 | 295.81 | 10.00 | 7.78 | -20.73 |
| 7,000.00 | 31.07 | 108.07 | 6,922.60 | -638.17 | 301.32 | 337.94 | 10.00 | 9.04 | -9.72 |
| 7,100.00 | 40.53 | 102.47 | 7,003.64 | -653.23 | 357.72 | 395.12 | 10.00 | 9.46 | -5.60 |
| 7,200.00 | 50.17 | 98.72 | 7,073.85 | -666.10 | 427.57 | 465.61 | 10.00 | 9.64 | -3.76 |
| 7,300.00 | 59.90 | 95.90 | 7,131.10 | -676.39 | 508.76 | 547.26 | 10.00 | 9.73 | -2.82 |
| 7,400.00 | 69.68 | 93.59 | 7,173.65 | -683.78 | 598.81 | 637.59 | 10.00 | 9.78 | -2.31 |
| 7,500.00 | 79.49 | 91.55 | 7,200.20 | -688.06 | 695.00 | 733.86 | 10.00 | 9.81 | -2.03 |
| 7,600.00 | 89.30 | 89.65 | 7,209.96 | -689.09 | 794.39 | 833.14 | 10.00 | 9.82 | -1.91 |
| 7,607.08 | 90.00 | 89.51 | 7,210.00 | -689.04 | 801.46 | 840.20 | 10.00 | 9.82 | -1.88 |
| Begin 90.00° lateral | | | | | | | | | |
| 7,700.00 | 90.00 | 89.51 | 7,210.00 | -688.25 | 894.38 | 932.92 | 0.00 | 0.00 | 0.00 |
| 7,800.00 | 90.00 | 89.51 | 7,210.00 | -687.40 | 994.38 | 1,032.69 | 0.00 | 0.00 | 0.00 |
| 7,900.00 | 90.00 | 89.51 | 7,210.00 | -686.56 | 1,094.37 | 1,132.47 | 0.00 | 0.00 | 0.00 |
| 8,000.00 | 90.00 | 89.51 | 7,210.00 | -685.71 | 1,194.37 | 1,232.25 | 0.00 | 0.00 | 0.00 |
| 8,100.00 | 90.00 | 89.51 | 7,210.00 | -684.86 | 1,294.37 | 1,332.03 | 0.00 | 0.00 | 0.00 |
| 8,200.00 | 90.00 | 89.51 | 7,210.00 | -684.01 | 1,394.36 | 1,431.81 | 0.00 | 0.00 | 0.00 |
| 8,300.00 | 90.00 | 89.51 | 7,210.00 | -683.17 | 1,494.36 | 1,531.58 | 0.00 | 0.00 | 0.00 |
| 8,400.00 | 90.00 | 89.51 | 7,210.00 | -682.32 | 1,594.36 | 1,631.36 | 0.00 | 0.00 | 0.00 |
| 8,500.00 | 90.00 | 89.51 | 7,210.00 | -681.47 | 1,694.35 | 1,731.14 | 0.00 | 0.00 | 0.00 |
| 8,600.00 | 90.00 | 89.51 | 7,210.00 | -680.63 | 1,794.35 | 1,830.92 | 0.00 | 0.00 | 0.00 |
| 8,700.00 | 90.00 | 89.51 | 7,210.00 | -679.78 | 1,894.35 | 1,930.69 | 0.00 | 0.00 | 0.00 |
| 8,800.00 | 90.00 | 89.51 | 7,210.00 | -678.93 | 1,994.34 | 2,030.47 | 0.00 | 0.00 | 0.00 |
| 8,900.00 | 90.00 | 89.51 | 7,210.00 | -678.09 | 2,094.34 | 2,130.25 | 0.00 | 0.00 | 0.00 |
| 9,000.00 | 90.00 | 89.51 | 7,210.00 | -677.24 | 2,194.34 | 2,230.03 | 0.00 | 0.00 | 0.00 |
| 9,100.00 | 90.00 | 89.51 | 7,210.00 | -676.39 | 2,294.33 | 2,329.80 | 0.00 | 0.00 | 0.00 |
| 9,200.00 | 90.00 | 89.51 | 7,210.00 | -675.55 | 2,394.33 | 2,429.58 | 0.00 | 0.00 | 0.00 |
| 9,300.00 | 90.00 | 89.51 | 7,210.00 | -674.70 | 2,494.32 | 2,529.36 | 0.00 | 0.00 | 0.00 |
| 9,400.00 | 90.00 | 89.51 | 7,210.00 | -673.85 | 2,594.32 | 2,629.14 | 0.00 | 0.00 | 0.00 |
| 9,500.00 | 90.00 | 89.51 | 7,210.00 | -673.01 | 2,694.32 | 2,728.92 | 0.00 | 0.00 | 0.00 |
| 9,600.00 | 90.00 | 89.51 | 7,210.00 | -672.16 | 2,794.31 | 2,828.69 | 0.00 | 0.00 | 0.00 |
| 9,700.00 | 90.00 | 89.51 | 7,210.00 | -671.31 | 2,894.31 | 2,928.47 | 0.00 | 0.00 | 0.00 |
| 9,800.00 | 90.00 | 89.51 | 7,210.00 | -670.47 | 2,994.31 | 3,028.25 | 0.00 | 0.00 | 0.00 |
| 9,900.00 | 90.00 | 89.51 | 7,210.00 | -669.62 | 3,094.30 | 3,128.03 | 0.00 | 0.00 | 0.00 |

| | | | |
|------------------|-----------------------|-------------------------------------|-------------------------|
| Database: | DB_Jul2216dt_v14 | Local Co-ordinate Reference: | Well Almont 5-13-03L |
| Company: | Confluence Resources | TVD Reference: | RKB=5001+24 @ 5025.00ft |
| Project: | Weld County, Colorado | MD Reference: | RKB=5001+24 @ 5025.00ft |
| Site: | Section 06-T07N-R64W | North Reference: | True |
| Well: | Almont 5-13-03L | 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 | 90.00 | 89.51 | 7,210.00 | -668.77 | 3,194.30 | 3,227.80 | 0.00 | 0.00 | 0.00 |
| 10,100.00 | 90.00 | 89.51 | 7,210.00 | -667.93 | 3,294.30 | 3,327.58 | 0.00 | 0.00 | 0.00 |
| 10,200.00 | 90.00 | 89.51 | 7,210.00 | -667.08 | 3,394.29 | 3,427.36 | 0.00 | 0.00 | 0.00 |
| 10,300.00 | 90.00 | 89.51 | 7,210.00 | -666.23 | 3,494.29 | 3,527.14 | 0.00 | 0.00 | 0.00 |
| 10,400.00 | 90.00 | 89.51 | 7,210.00 | -665.38 | 3,594.29 | 3,626.91 | 0.00 | 0.00 | 0.00 |
| 10,500.00 | 90.00 | 89.51 | 7,210.00 | -664.54 | 3,694.28 | 3,726.69 | 0.00 | 0.00 | 0.00 |
| 10,600.00 | 90.00 | 89.51 | 7,210.00 | -663.69 | 3,794.28 | 3,826.47 | 0.00 | 0.00 | 0.00 |
| 10,700.00 | 90.00 | 89.51 | 7,210.00 | -662.84 | 3,894.27 | 3,926.25 | 0.00 | 0.00 | 0.00 |
| 10,800.00 | 90.00 | 89.51 | 7,210.00 | -662.00 | 3,994.27 | 4,026.03 | 0.00 | 0.00 | 0.00 |
| 10,900.00 | 90.00 | 89.51 | 7,210.00 | -661.15 | 4,094.27 | 4,125.80 | 0.00 | 0.00 | 0.00 |
| 11,000.00 | 90.00 | 89.51 | 7,210.00 | -660.30 | 4,194.26 | 4,225.58 | 0.00 | 0.00 | 0.00 |
| 11,100.00 | 90.00 | 89.51 | 7,210.00 | -659.46 | 4,294.26 | 4,325.36 | 0.00 | 0.00 | 0.00 |
| 11,200.00 | 90.00 | 89.51 | 7,210.00 | -658.61 | 4,394.26 | 4,425.14 | 0.00 | 0.00 | 0.00 |
| 11,300.00 | 90.00 | 89.51 | 7,210.00 | -657.76 | 4,494.25 | 4,524.91 | 0.00 | 0.00 | 0.00 |
| 11,400.00 | 90.00 | 89.51 | 7,210.00 | -656.92 | 4,594.25 | 4,624.69 | 0.00 | 0.00 | 0.00 |
| 11,500.00 | 90.00 | 89.51 | 7,210.00 | -656.07 | 4,694.25 | 4,724.47 | 0.00 | 0.00 | 0.00 |
| 11,600.00 | 90.00 | 89.51 | 7,210.00 | -655.22 | 4,794.24 | 4,824.25 | 0.00 | 0.00 | 0.00 |
| 11,700.00 | 90.00 | 89.51 | 7,210.00 | -654.38 | 4,894.24 | 4,924.02 | 0.00 | 0.00 | 0.00 |
| 11,800.00 | 90.00 | 89.51 | 7,210.00 | -653.53 | 4,994.23 | 5,023.80 | 0.00 | 0.00 | 0.00 |
| 11,900.00 | 90.00 | 89.51 | 7,210.00 | -652.68 | 5,094.23 | 5,123.58 | 0.00 | 0.00 | 0.00 |
| 12,000.00 | 90.00 | 89.51 | 7,210.00 | -651.84 | 5,194.23 | 5,223.36 | 0.00 | 0.00 | 0.00 |
| 12,100.00 | 90.00 | 89.51 | 7,210.00 | -650.99 | 5,294.22 | 5,323.14 | 0.00 | 0.00 | 0.00 |
| 12,200.00 | 90.00 | 89.51 | 7,210.00 | -650.14 | 5,394.22 | 5,422.91 | 0.00 | 0.00 | 0.00 |
| 12,300.00 | 90.00 | 89.51 | 7,210.00 | -649.29 | 5,494.22 | 5,522.69 | 0.00 | 0.00 | 0.00 |
| 12,400.00 | 90.00 | 89.51 | 7,210.00 | -648.45 | 5,594.21 | 5,622.47 | 0.00 | 0.00 | 0.00 |
| 12,500.00 | 90.00 | 89.51 | 7,210.00 | -647.60 | 5,694.21 | 5,722.25 | 0.00 | 0.00 | 0.00 |
| 12,600.00 | 90.00 | 89.51 | 7,210.00 | -646.75 | 5,794.21 | 5,822.02 | 0.00 | 0.00 | 0.00 |
| 12,700.00 | 90.00 | 89.51 | 7,210.00 | -645.91 | 5,894.20 | 5,921.80 | 0.00 | 0.00 | 0.00 |
| 12,800.00 | 90.00 | 89.51 | 7,210.00 | -645.06 | 5,994.20 | 6,021.58 | 0.00 | 0.00 | 0.00 |
| 12,900.00 | 90.00 | 89.51 | 7,210.00 | -644.21 | 6,094.20 | 6,121.36 | 0.00 | 0.00 | 0.00 |
| 13,000.00 | 90.00 | 89.51 | 7,210.00 | -643.37 | 6,194.19 | 6,221.13 | 0.00 | 0.00 | 0.00 |
| 13,100.00 | 90.00 | 89.51 | 7,210.00 | -642.52 | 6,294.19 | 6,320.91 | 0.00 | 0.00 | 0.00 |
| 13,200.00 | 90.00 | 89.51 | 7,210.00 | -641.67 | 6,394.18 | 6,420.69 | 0.00 | 0.00 | 0.00 |
| 13,300.00 | 90.00 | 89.51 | 7,210.00 | -640.83 | 6,494.18 | 6,520.47 | 0.00 | 0.00 | 0.00 |
| 13,400.00 | 90.00 | 89.51 | 7,210.00 | -639.98 | 6,594.18 | 6,620.24 | 0.00 | 0.00 | 0.00 |
| 13,500.00 | 90.00 | 89.51 | 7,210.00 | -639.13 | 6,694.17 | 6,720.02 | 0.00 | 0.00 | 0.00 |
| 13,600.00 | 90.00 | 89.51 | 7,210.00 | -638.29 | 6,794.17 | 6,819.80 | 0.00 | 0.00 | 0.00 |
| 13,700.00 | 90.00 | 89.51 | 7,210.00 | -637.44 | 6,894.17 | 6,919.58 | 0.00 | 0.00 | 0.00 |
| 13,800.00 | 90.00 | 89.51 | 7,210.00 | -636.59 | 6,994.16 | 7,019.36 | 0.00 | 0.00 | 0.00 |
| 13,900.00 | 90.00 | 89.51 | 7,210.00 | -635.75 | 7,094.16 | 7,119.13 | 0.00 | 0.00 | 0.00 |
| 14,000.00 | 90.00 | 89.51 | 7,210.00 | -634.90 | 7,194.16 | 7,218.91 | 0.00 | 0.00 | 0.00 |
| 14,100.00 | 90.00 | 89.51 | 7,210.00 | -634.05 | 7,294.15 | 7,318.69 | 0.00 | 0.00 | 0.00 |
| 14,200.00 | 90.00 | 89.51 | 7,210.00 | -633.20 | 7,394.15 | 7,418.47 | 0.00 | 0.00 | 0.00 |
| 14,300.00 | 90.00 | 89.51 | 7,210.00 | -632.36 | 7,494.15 | 7,518.24 | 0.00 | 0.00 | 0.00 |
| 14,400.00 | 90.00 | 89.51 | 7,210.00 | -631.51 | 7,594.14 | 7,618.02 | 0.00 | 0.00 | 0.00 |
| 14,500.00 | 90.00 | 89.51 | 7,210.00 | -630.66 | 7,694.14 | 7,717.80 | 0.00 | 0.00 | 0.00 |
| 14,600.00 | 90.00 | 89.51 | 7,210.00 | -629.82 | 7,794.13 | 7,817.58 | 0.00 | 0.00 | 0.00 |
| 14,700.00 | 90.00 | 89.51 | 7,210.00 | -628.97 | 7,894.13 | 7,917.35 | 0.00 | 0.00 | 0.00 |
| 14,800.00 | 90.00 | 89.51 | 7,210.00 | -628.12 | 7,994.13 | 8,017.13 | 0.00 | 0.00 | 0.00 |
| 14,900.00 | 90.00 | 89.51 | 7,210.00 | -627.28 | 8,094.12 | 8,116.91 | 0.00 | 0.00 | 0.00 |
| 15,000.00 | 90.00 | 89.51 | 7,210.00 | -626.43 | 8,194.12 | 8,216.69 | 0.00 | 0.00 | 0.00 |
| 15,100.00 | 90.00 | 89.51 | 7,210.00 | -625.58 | 8,294.12 | 8,316.47 | 0.00 | 0.00 | 0.00 |
| 15,200.00 | 90.00 | 89.51 | 7,210.00 | -624.74 | 8,394.11 | 8,416.24 | 0.00 | 0.00 | 0.00 |
| 15,300.00 | 90.00 | 89.51 | 7,210.00 | -623.89 | 8,494.11 | 8,516.02 | 0.00 | 0.00 | 0.00 |

| | | | |
|------------------|-----------------------|-------------------------------------|-------------------------|
| Database: | DB_Jul2216dt_v14 | Local Co-ordinate Reference: | Well Almont 5-13-03L |
| Company: | Confluence Resources | TVD Reference: | RKB=5001+24 @ 5025.00ft |
| Project: | Weld County, Colorado | MD Reference: | RKB=5001+24 @ 5025.00ft |
| Site: | Section 06-T07N-R64W | North Reference: | True |
| Well: | Almont 5-13-03L | 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 | 90.00 | 89.51 | 7,210.00 | -623.04 | 8,594.11 | 8,615.80 | 0.00 | 0.00 | 0.00 | |
| 15,500.00 | 90.00 | 89.51 | 7,210.00 | -622.20 | 8,694.10 | 8,715.58 | 0.00 | 0.00 | 0.00 | |
| 15,600.00 | 90.00 | 89.51 | 7,210.00 | -621.35 | 8,794.10 | 8,815.35 | 0.00 | 0.00 | 0.00 | |
| 15,700.00 | 90.00 | 89.51 | 7,210.00 | -620.50 | 8,894.10 | 8,915.13 | 0.00 | 0.00 | 0.00 | |
| 15,800.00 | 90.00 | 89.51 | 7,210.00 | -619.66 | 8,994.09 | 9,014.91 | 0.00 | 0.00 | 0.00 | |
| 15,900.00 | 90.00 | 89.51 | 7,210.00 | -618.81 | 9,094.09 | 9,114.69 | 0.00 | 0.00 | 0.00 | |
| 16,000.00 | 90.00 | 89.51 | 7,210.00 | -617.96 | 9,194.08 | 9,214.46 | 0.00 | 0.00 | 0.00 | |
| 16,100.00 | 90.00 | 89.51 | 7,210.00 | -617.11 | 9,294.08 | 9,314.24 | 0.00 | 0.00 | 0.00 | |
| 16,200.00 | 90.00 | 89.51 | 7,210.00 | -616.27 | 9,394.08 | 9,414.02 | 0.00 | 0.00 | 0.00 | |
| 16,300.00 | 90.00 | 89.51 | 7,210.00 | -615.42 | 9,494.07 | 9,513.80 | 0.00 | 0.00 | 0.00 | |
| 16,400.00 | 90.00 | 89.51 | 7,210.00 | -614.57 | 9,594.07 | 9,613.58 | 0.00 | 0.00 | 0.00 | |
| 16,500.00 | 90.00 | 89.51 | 7,210.00 | -613.73 | 9,694.07 | 9,713.35 | 0.00 | 0.00 | 0.00 | |
| 16,600.00 | 90.00 | 89.51 | 7,210.00 | -612.88 | 9,794.06 | 9,813.13 | 0.00 | 0.00 | 0.00 | |
| 16,700.00 | 90.00 | 89.51 | 7,210.00 | -612.03 | 9,894.06 | 9,912.91 | 0.00 | 0.00 | 0.00 | |
| 16,800.00 | 90.00 | 89.51 | 7,210.00 | -611.19 | 9,994.06 | 10,012.69 | 0.00 | 0.00 | 0.00 | |
| 16,900.00 | 90.00 | 89.51 | 7,210.00 | -610.34 | 10,094.05 | 10,112.46 | 0.00 | 0.00 | 0.00 | |
| 17,000.00 | 90.00 | 89.51 | 7,210.00 | -609.49 | 10,194.05 | 10,212.24 | 0.00 | 0.00 | 0.00 | |
| 17,100.00 | 90.00 | 89.51 | 7,210.00 | -608.65 | 10,294.04 | 10,312.02 | 0.00 | 0.00 | 0.00 | |
| 17,200.00 | 90.00 | 89.51 | 7,210.00 | -607.80 | 10,394.04 | 10,411.80 | 0.00 | 0.00 | 0.00 | |
| 17,228.73 | 90.00 | 89.51 | 7,210.00 | -607.56 | 10,422.77 | 10,440.46 | 0.00 | 0.00 | 0.00 | |
| PBHL/TD 17228.73 MD/7210.00 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 | | | | | | | | | | |
| Almont 5-13-03L PBHL 4 | 0.00 | 0.00 | 7,210.00 | -607.56 | 10,422.77 | 14,744,371.62 | 1,766,318.20 | 40.59675509 | -104.54646146 | |
| - plan hits target center | | | | | | | | | | |
| - Point | | | | | | | | | | |
| Almont 5-13-03L LP 459 | 0.00 | 0.00 | 7,210.00 | -689.04 | 801.46 | 14,744,244.68 | 1,756,697.41 | 40.59653742 | -104.58111996 | |
| - plan hits target center | | | | | | | | | | |
| - Point | | | | | | | | | | |

| Plan Annotations | | | | | |
|---------------------|---------------------|-------------------|------------|---------------------------------|--|
| Measured Depth (ft) | Vertical Depth (ft) | Local Coordinates | | | |
| | | +N/-S (ft) | +E/-W (ft) | Comment | |
| 3,000.00 | 3,000.00 | 0.00 | 0.00 | KOP Begin 1°/100' build | |
| 4,157.66 | 4,149.80 | -108.74 | 41.97 | Begin 11.58° tangent | |
| 6,747.60 | 6,687.06 | -593.62 | 229.11 | Begin 10°/100' build/turn | |
| 7,607.08 | 7,210.00 | -689.04 | 801.46 | Begin 90.00° lateral | |
| 17,228.73 | 7,210.00 | -607.56 | 10,422.77 | PBHL/TD 17228.73 MD/7210.00 TVD | |

| | | | |
|------------------|-----------------------|-------------------------------------|-------------------------|
| Database: | DB_Jul2216dt_v14 | Local Co-ordinate Reference: | Well Almont 5-13-03L |
| Company: | Confluence Resources | TVD Reference: | RKB=5001+24 @ 5025.00ft |
| Project: | Weld County, Colorado | MD Reference: | RKB=5001+24 @ 5025.00ft |
| Site: | Section 06-T07N-R64W | North Reference: | True |
| Well: | Almont 5-13-03L | 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 06-T07N-R64W | | | |
| Site Position: | | Northing: | 14,746,184.54 usft | Latitude: | 40.60187654 |
| From: | Map | Easting: | 1,755,730.03 usft | Longitude: | -104.58457171 |
| Position Uncertainty: | 0.00 ft | Slot Radius: | 13-3/16 " | Grid Convergence: | 0.27 ° |

| | | | | | | |
|----------------------|--|---------|---------------------|--------------------|---------------|---------------|
| Well | Almont 5-13-03L, Surf loc: 1375 FSL 325 FEL Section 06-T08N-R64W | | | | | |
| Well Position | +N/-S | 0.00 ft | Northing: | 14,744,929.92 usft | Latitude: | 40.59842945 |
| | +E/-W | 0.00 ft | Easting: | 1,755,892.70 usft | Longitude: | -104.58400704 |
| Position Uncertainty | | 0.00 ft | Wellhead Elevation: | | Ground Level: | 5,001.00 ft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | Original Hole | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | HDGM | 2/22/2018 | 7.98 | 66.98 | 52,357.10000000 |

| | | | | |
|--------------------------|------------------------------|-------------------|----------------------|----------------------|
| 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 | 93.34 |

| | | | | |
|---------------------------------|----------------------|---------------------------------|------------------|----------------|
| Plan Survey Tool Program | Date | 2/22/2018 | | |
| Depth From (ft) | Depth To (ft) | Survey (Wellbore) | Tool Name | Remarks |
| 1 | 0.00 | 17,228.73 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 | |
| 3,000.00 | 0.00 | 0.00 | 3,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 4,157.66 | 11.58 | 158.90 | 4,149.80 | -108.74 | 41.97 | 1.00 | 1.00 | 0.00 | 158.90 | |
| 6,747.60 | 11.58 | 158.90 | 6,687.06 | -593.62 | 229.11 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 7,607.08 | 90.00 | 89.51 | 7,210.00 | -689.04 | 801.46 | 10.00 | 9.12 | -8.07 | -69.77 | Almont 5-13-03L LP 4 |
| 17,228.73 | 90.00 | 89.51 | 7,210.00 | -607.56 | 10,422.77 | 0.00 | 0.00 | 0.00 | 0.00 | Almont 5-13-03L PBH |

| | | | |
|------------------|-----------------------|-------------------------------------|-------------------------|
| Database: | DB_Jul2216dt_v14 | Local Co-ordinate Reference: | Well Almont 5-13-03L |
| Company: | Confluence Resources | TVD Reference: | RKB=5001+24 @ 5025.00ft |
| Project: | Weld County, Colorado | MD Reference: | RKB=5001+24 @ 5025.00ft |
| Site: | Section 06-T07N-R64W | North Reference: | True |
| Well: | Almont 5-13-03L | 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 | 14,744,929.92 | 1,755,892.70 | 40.59842945 | -104.58400704 |
| 100.00 | 0.00 | 0.00 | 100.00 | 0.00 | 0.00 | 14,744,929.92 | 1,755,892.70 | 40.59842945 | -104.58400704 |
| 200.00 | 0.00 | 0.00 | 200.00 | 0.00 | 0.00 | 14,744,929.92 | 1,755,892.70 | 40.59842945 | -104.58400704 |
| 300.00 | 0.00 | 0.00 | 300.00 | 0.00 | 0.00 | 14,744,929.92 | 1,755,892.70 | 40.59842945 | -104.58400704 |
| 400.00 | 0.00 | 0.00 | 400.00 | 0.00 | 0.00 | 14,744,929.92 | 1,755,892.70 | 40.59842945 | -104.58400704 |
| 500.00 | 0.00 | 0.00 | 500.00 | 0.00 | 0.00 | 14,744,929.92 | 1,755,892.70 | 40.59842945 | -104.58400704 |
| 600.00 | 0.00 | 0.00 | 600.00 | 0.00 | 0.00 | 14,744,929.92 | 1,755,892.70 | 40.59842945 | -104.58400704 |
| 700.00 | 0.00 | 0.00 | 700.00 | 0.00 | 0.00 | 14,744,929.92 | 1,755,892.70 | 40.59842945 | -104.58400704 |
| 800.00 | 0.00 | 0.00 | 800.00 | 0.00 | 0.00 | 14,744,929.92 | 1,755,892.70 | 40.59842945 | -104.58400704 |
| 900.00 | 0.00 | 0.00 | 900.00 | 0.00 | 0.00 | 14,744,929.92 | 1,755,892.70 | 40.59842945 | -104.58400704 |
| 1,000.00 | 0.00 | 0.00 | 1,000.00 | 0.00 | 0.00 | 14,744,929.92 | 1,755,892.70 | 40.59842945 | -104.58400704 |
| 1,100.00 | 0.00 | 0.00 | 1,100.00 | 0.00 | 0.00 | 14,744,929.92 | 1,755,892.70 | 40.59842945 | -104.58400704 |
| 1,200.00 | 0.00 | 0.00 | 1,200.00 | 0.00 | 0.00 | 14,744,929.92 | 1,755,892.70 | 40.59842945 | -104.58400704 |
| 1,300.00 | 0.00 | 0.00 | 1,300.00 | 0.00 | 0.00 | 14,744,929.92 | 1,755,892.70 | 40.59842945 | -104.58400704 |
| 1,400.00 | 0.00 | 0.00 | 1,400.00 | 0.00 | 0.00 | 14,744,929.92 | 1,755,892.70 | 40.59842945 | -104.58400704 |
| 1,500.00 | 0.00 | 0.00 | 1,500.00 | 0.00 | 0.00 | 14,744,929.92 | 1,755,892.70 | 40.59842945 | -104.58400704 |
| 1,600.00 | 0.00 | 0.00 | 1,600.00 | 0.00 | 0.00 | 14,744,929.92 | 1,755,892.70 | 40.59842945 | -104.58400704 |
| 1,700.00 | 0.00 | 0.00 | 1,700.00 | 0.00 | 0.00 | 14,744,929.92 | 1,755,892.70 | 40.59842945 | -104.58400704 |
| 1,800.00 | 0.00 | 0.00 | 1,800.00 | 0.00 | 0.00 | 14,744,929.92 | 1,755,892.70 | 40.59842945 | -104.58400704 |
| 1,900.00 | 0.00 | 0.00 | 1,900.00 | 0.00 | 0.00 | 14,744,929.92 | 1,755,892.70 | 40.59842945 | -104.58400704 |
| 2,000.00 | 0.00 | 0.00 | 2,000.00 | 0.00 | 0.00 | 14,744,929.92 | 1,755,892.70 | 40.59842945 | -104.58400704 |
| 2,100.00 | 0.00 | 0.00 | 2,100.00 | 0.00 | 0.00 | 14,744,929.92 | 1,755,892.70 | 40.59842945 | -104.58400704 |
| 2,200.00 | 0.00 | 0.00 | 2,200.00 | 0.00 | 0.00 | 14,744,929.92 | 1,755,892.70 | 40.59842945 | -104.58400704 |
| 2,300.00 | 0.00 | 0.00 | 2,300.00 | 0.00 | 0.00 | 14,744,929.92 | 1,755,892.70 | 40.59842945 | -104.58400704 |
| 2,400.00 | 0.00 | 0.00 | 2,400.00 | 0.00 | 0.00 | 14,744,929.92 | 1,755,892.70 | 40.59842945 | -104.58400704 |
| 2,500.00 | 0.00 | 0.00 | 2,500.00 | 0.00 | 0.00 | 14,744,929.92 | 1,755,892.70 | 40.59842945 | -104.58400704 |
| 2,600.00 | 0.00 | 0.00 | 2,600.00 | 0.00 | 0.00 | 14,744,929.92 | 1,755,892.70 | 40.59842945 | -104.58400704 |
| 2,700.00 | 0.00 | 0.00 | 2,700.00 | 0.00 | 0.00 | 14,744,929.92 | 1,755,892.70 | 40.59842945 | -104.58400704 |
| 2,800.00 | 0.00 | 0.00 | 2,800.00 | 0.00 | 0.00 | 14,744,929.92 | 1,755,892.70 | 40.59842945 | -104.58400704 |
| 2,900.00 | 0.00 | 0.00 | 2,900.00 | 0.00 | 0.00 | 14,744,929.92 | 1,755,892.70 | 40.59842945 | -104.58400704 |
| 3,000.00 | 0.00 | 0.00 | 3,000.00 | 0.00 | 0.00 | 14,744,929.92 | 1,755,892.70 | 40.59842945 | -104.58400704 |
| KOP Begin 1°/100' build | | | | | | | | | |
| 3,100.00 | 1.00 | 158.90 | 3,099.99 | -0.81 | 0.31 | 14,744,929.11 | 1,755,893.02 | 40.59842721 | -104.58400591 |
| 3,200.00 | 2.00 | 158.90 | 3,199.96 | -3.26 | 1.26 | 14,744,926.67 | 1,755,893.97 | 40.59842051 | -104.58400252 |
| 3,300.00 | 3.00 | 158.90 | 3,299.86 | -7.33 | 2.83 | 14,744,922.61 | 1,755,895.56 | 40.59840933 | -104.58399686 |
| 3,400.00 | 4.00 | 158.90 | 3,399.68 | -13.02 | 5.03 | 14,744,916.92 | 1,755,897.79 | 40.59839369 | -104.58398894 |
| 3,500.00 | 5.00 | 158.90 | 3,499.37 | -20.34 | 7.85 | 14,744,909.62 | 1,755,900.65 | 40.59837360 | -104.58397876 |
| 3,600.00 | 6.00 | 158.90 | 3,598.90 | -29.28 | 11.30 | 14,744,900.69 | 1,755,904.14 | 40.59834904 | -104.58396633 |
| 3,700.00 | 7.00 | 158.90 | 3,698.26 | -39.84 | 15.38 | 14,744,890.15 | 1,755,908.26 | 40.59832005 | -104.58395165 |
| 3,800.00 | 8.00 | 158.90 | 3,797.40 | -52.02 | 20.08 | 14,744,878.00 | 1,755,913.02 | 40.59828661 | -104.58393472 |
| 3,900.00 | 9.00 | 158.90 | 3,896.30 | -65.81 | 25.40 | 14,744,864.23 | 1,755,918.41 | 40.59824875 | -104.58391555 |
| 4,000.00 | 10.00 | 158.90 | 3,994.93 | -81.21 | 31.34 | 14,744,848.86 | 1,755,924.42 | 40.59820647 | -104.58389414 |
| 4,100.00 | 11.00 | 158.90 | 4,093.26 | -98.21 | 37.90 | 14,744,831.89 | 1,755,931.07 | 40.59815978 | -104.58387050 |
| 4,157.66 | 11.58 | 158.90 | 4,149.80 | -108.74 | 41.97 | 14,744,821.38 | 1,755,935.18 | 40.59813087 | -104.58385586 |
| Begin 11.58° tangent | | | | | | | | | |
| 4,200.00 | 11.58 | 158.90 | 4,191.28 | -116.66 | 45.03 | 14,744,813.47 | 1,755,938.28 | 40.59810910 | -104.58384484 |
| 4,300.00 | 11.58 | 158.90 | 4,289.24 | -135.39 | 52.25 | 14,744,794.78 | 1,755,945.59 | 40.59805770 | -104.58381881 |
| 4,400.00 | 11.58 | 158.90 | 4,387.21 | -154.11 | 59.48 | 14,744,776.10 | 1,755,952.91 | 40.59800629 | -104.58379278 |
| 4,500.00 | 11.58 | 158.90 | 4,485.18 | -172.83 | 66.70 | 14,744,757.41 | 1,755,960.22 | 40.59795488 | -104.58376675 |
| 4,600.00 | 11.58 | 158.90 | 4,583.14 | -191.55 | 73.93 | 14,744,738.72 | 1,755,967.53 | 40.59790348 | -104.58374072 |
| 4,700.00 | 11.58 | 158.90 | 4,681.11 | -210.27 | 81.16 | 14,744,720.03 | 1,755,974.85 | 40.59785207 | -104.58371469 |
| 4,800.00 | 11.58 | 158.90 | 4,779.07 | -228.99 | 88.38 | 14,744,701.35 | 1,755,982.16 | 40.59780066 | -104.58368866 |
| 4,900.00 | 11.58 | 158.90 | 4,877.04 | -247.72 | 95.61 | 14,744,682.66 | 1,755,989.48 | 40.59774925 | -104.58366263 |
| 5,000.00 | 11.58 | 158.90 | 4,975.00 | -266.44 | 102.83 | 14,744,663.97 | 1,755,996.79 | 40.59769785 | -104.58363660 |

| | | | |
|------------------|-----------------------|-------------------------------------|-------------------------|
| Database: | DB_Jul2216dt_v14 | Local Co-ordinate Reference: | Well Almont 5-13-03L |
| Company: | Confluence Resources | TVD Reference: | RKB=5001+24 @ 5025.00ft |
| Project: | Weld County, Colorado | MD Reference: | RKB=5001+24 @ 5025.00ft |
| Site: | Section 06-T07N-R64W | North Reference: | True |
| Well: | Almont 5-13-03L | 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 |
| 5,100.00 | 11.58 | 158.90 | 5,072.97 | -285.16 | 110.06 | 14,744,645.28 | 1,756,004.10 | 40.59764644 | -104.58361057 |
| 5,200.00 | 11.58 | 158.90 | 5,170.94 | -303.88 | 117.28 | 14,744,626.60 | 1,756,011.42 | 40.59759503 | -104.58358455 |
| 5,300.00 | 11.58 | 158.90 | 5,268.90 | -322.60 | 124.51 | 14,744,607.91 | 1,756,018.73 | 40.59754362 | -104.58355852 |
| 5,400.00 | 11.58 | 158.90 | 5,366.87 | -341.32 | 131.74 | 14,744,589.22 | 1,756,026.05 | 40.59749222 | -104.58353249 |
| 5,500.00 | 11.58 | 158.90 | 5,464.83 | -360.05 | 138.96 | 14,744,570.53 | 1,756,033.36 | 40.59744081 | -104.58350646 |
| 5,600.00 | 11.58 | 158.90 | 5,562.80 | -378.77 | 146.19 | 14,744,551.85 | 1,756,040.67 | 40.59738940 | -104.58348043 |
| 5,700.00 | 11.58 | 158.90 | 5,660.76 | -397.49 | 153.41 | 14,744,533.16 | 1,756,047.99 | 40.59733799 | -104.58345440 |
| 5,800.00 | 11.58 | 158.90 | 5,758.73 | -416.21 | 160.64 | 14,744,514.47 | 1,756,055.30 | 40.59728659 | -104.58342837 |
| 5,900.00 | 11.58 | 158.90 | 5,856.70 | -434.93 | 167.87 | 14,744,495.79 | 1,756,062.62 | 40.59723518 | -104.58340234 |
| 6,000.00 | 11.58 | 158.90 | 5,954.66 | -453.66 | 175.09 | 14,744,477.10 | 1,756,069.93 | 40.59718377 | -104.58337631 |
| 6,100.00 | 11.58 | 158.90 | 6,052.63 | -472.38 | 182.32 | 14,744,458.41 | 1,756,077.25 | 40.59713236 | -104.58335028 |
| 6,200.00 | 11.58 | 158.90 | 6,150.59 | -491.10 | 189.54 | 14,744,439.72 | 1,756,084.56 | 40.59708096 | -104.58332426 |
| 6,300.00 | 11.58 | 158.90 | 6,248.56 | -509.82 | 196.77 | 14,744,421.04 | 1,756,091.87 | 40.59702955 | -104.58329823 |
| 6,400.00 | 11.58 | 158.90 | 6,346.52 | -528.54 | 203.99 | 14,744,402.35 | 1,756,099.19 | 40.59697814 | -104.58327220 |
| 6,500.00 | 11.58 | 158.90 | 6,444.49 | -547.26 | 211.22 | 14,744,383.66 | 1,756,106.50 | 40.59692674 | -104.58324617 |
| 6,600.00 | 11.58 | 158.90 | 6,542.46 | -565.99 | 218.45 | 14,744,364.97 | 1,756,113.82 | 40.59687533 | -104.58322014 |
| 6,700.00 | 11.58 | 158.90 | 6,640.42 | -584.71 | 225.67 | 14,744,346.29 | 1,756,121.13 | 40.59682392 | -104.58319411 |
| 6,747.60 | 11.58 | 158.90 | 6,687.06 | -593.62 | 229.11 | 14,744,337.39 | 1,756,124.61 | 40.59679945 | -104.58318172 |
| Begin 10°/100' build/turn | | | | | | | | | |
| 6,800.00 | 14.25 | 138.53 | 6,738.15 | -603.36 | 235.28 | 14,744,327.68 | 1,756,130.83 | 40.59677269 | -104.58315950 |
| 6,900.00 | 22.03 | 117.79 | 6,833.20 | -621.38 | 260.09 | 14,744,309.78 | 1,756,155.72 | 40.59672323 | -104.58307014 |
| 7,000.00 | 31.07 | 108.07 | 6,922.60 | -638.17 | 301.32 | 14,744,293.18 | 1,756,197.03 | 40.59667712 | -104.58292161 |
| 7,100.00 | 40.53 | 102.47 | 7,003.64 | -653.23 | 357.72 | 14,744,278.39 | 1,756,253.50 | 40.59663577 | -104.58271845 |
| 7,200.00 | 50.17 | 98.72 | 7,073.85 | -666.10 | 427.57 | 14,744,265.85 | 1,756,323.41 | 40.59660042 | -104.58246682 |
| 7,300.00 | 59.90 | 95.90 | 7,131.10 | -676.39 | 508.76 | 14,744,255.95 | 1,756,404.65 | 40.59657217 | -104.58217436 |
| 7,400.00 | 69.68 | 93.59 | 7,173.65 | -683.78 | 598.81 | 14,744,248.98 | 1,756,494.73 | 40.59655186 | -104.58184996 |
| 7,500.00 | 79.49 | 91.55 | 7,200.20 | -688.06 | 695.00 | 14,744,245.15 | 1,756,590.94 | 40.59654011 | -104.58150349 |
| 7,600.00 | 89.30 | 89.65 | 7,209.96 | -689.09 | 794.39 | 14,744,244.59 | 1,756,690.33 | 40.59653727 | -104.58114546 |
| 7,607.08 | 90.00 | 89.51 | 7,210.00 | -689.04 | 801.46 | 14,744,244.68 | 1,756,697.41 | 40.59653742 | -104.58111996 |
| Begin 90.00° lateral | | | | | | | | | |
| 7,700.00 | 90.00 | 89.51 | 7,210.00 | -688.25 | 894.38 | 14,744,245.91 | 1,756,790.32 | 40.59653957 | -104.58078525 |
| 7,800.00 | 90.00 | 89.51 | 7,210.00 | -687.40 | 994.38 | 14,744,247.22 | 1,756,890.31 | 40.59654188 | -104.58042503 |
| 7,900.00 | 90.00 | 89.51 | 7,210.00 | -686.56 | 1,094.37 | 14,744,248.54 | 1,756,990.30 | 40.59654420 | -104.58006482 |
| 8,000.00 | 90.00 | 89.51 | 7,210.00 | -685.71 | 1,194.37 | 14,744,249.86 | 1,757,090.29 | 40.59654651 | -104.57970461 |
| 8,100.00 | 90.00 | 89.51 | 7,210.00 | -684.86 | 1,294.37 | 14,744,251.18 | 1,757,190.29 | 40.59654882 | -104.57934439 |
| 8,200.00 | 90.00 | 89.51 | 7,210.00 | -684.01 | 1,394.36 | 14,744,252.50 | 1,757,290.28 | 40.59655113 | -104.57898418 |
| 8,300.00 | 90.00 | 89.51 | 7,210.00 | -683.17 | 1,494.36 | 14,744,253.82 | 1,757,390.27 | 40.59655344 | -104.57862397 |
| 8,400.00 | 90.00 | 89.51 | 7,210.00 | -682.32 | 1,594.36 | 14,744,255.14 | 1,757,490.26 | 40.59655575 | -104.57826376 |
| 8,500.00 | 90.00 | 89.51 | 7,210.00 | -681.47 | 1,694.35 | 14,744,256.46 | 1,757,590.25 | 40.59655805 | -104.57790354 |
| 8,600.00 | 90.00 | 89.51 | 7,210.00 | -680.63 | 1,794.35 | 14,744,257.78 | 1,757,690.24 | 40.59656036 | -104.57754333 |
| 8,700.00 | 90.00 | 89.51 | 7,210.00 | -679.78 | 1,894.35 | 14,744,259.10 | 1,757,790.23 | 40.59656267 | -104.57718312 |
| 8,800.00 | 90.00 | 89.51 | 7,210.00 | -678.93 | 1,994.34 | 14,744,260.42 | 1,757,890.22 | 40.59656497 | -104.57682290 |
| 8,900.00 | 90.00 | 89.51 | 7,210.00 | -678.09 | 2,094.34 | 14,744,261.74 | 1,757,990.21 | 40.59656727 | -104.57646269 |
| 9,000.00 | 90.00 | 89.51 | 7,210.00 | -677.24 | 2,194.34 | 14,744,263.06 | 1,758,090.21 | 40.59656957 | -104.57610248 |
| 9,100.00 | 90.00 | 89.51 | 7,210.00 | -676.39 | 2,294.33 | 14,744,264.38 | 1,758,190.20 | 40.59657187 | -104.57574226 |
| 9,200.00 | 90.00 | 89.51 | 7,210.00 | -675.55 | 2,394.33 | 14,744,265.70 | 1,758,290.19 | 40.59657417 | -104.57538205 |
| 9,300.00 | 90.00 | 89.51 | 7,210.00 | -674.70 | 2,494.32 | 14,744,267.01 | 1,758,390.18 | 40.59657647 | -104.57502184 |
| 9,400.00 | 90.00 | 89.51 | 7,210.00 | -673.85 | 2,594.32 | 14,744,268.33 | 1,758,490.17 | 40.59657877 | -104.57466162 |
| 9,500.00 | 90.00 | 89.51 | 7,210.00 | -673.01 | 2,694.32 | 14,744,269.65 | 1,758,590.16 | 40.59658106 | -104.57430141 |
| 9,600.00 | 90.00 | 89.51 | 7,210.00 | -672.16 | 2,794.31 | 14,744,270.97 | 1,758,690.15 | 40.59658336 | -104.57394120 |
| 9,700.00 | 90.00 | 89.51 | 7,210.00 | -671.31 | 2,894.31 | 14,744,272.29 | 1,758,790.14 | 40.59658565 | -104.57358098 |
| 9,800.00 | 90.00 | 89.51 | 7,210.00 | -670.47 | 2,994.31 | 14,744,273.61 | 1,758,890.13 | 40.59658794 | -104.57322077 |
| 9,900.00 | 90.00 | 89.51 | 7,210.00 | -669.62 | 3,094.30 | 14,744,274.93 | 1,758,990.13 | 40.59659023 | -104.57286056 |
| 10,000.00 | 90.00 | 89.51 | 7,210.00 | -668.77 | 3,194.30 | 14,744,276.25 | 1,759,090.12 | 40.59659252 | -104.57250034 |

| | | | |
|------------------|-----------------------|-------------------------------------|-------------------------|
| Database: | DB_Jul2216dt_v14 | Local Co-ordinate Reference: | Well Almont 5-13-03L |
| Company: | Confluence Resources | TVD Reference: | RKB=5001+24 @ 5025.00ft |
| Project: | Weld County, Colorado | MD Reference: | RKB=5001+24 @ 5025.00ft |
| Site: | Section 06-T07N-R64W | North Reference: | True |
| Well: | Almont 5-13-03L | 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 | 90.00 | 89.51 | 7,210.00 | -667.93 | 3,294.30 | 14,744,277.57 | 1,759,190.11 | 40.59659481 | -104.57214013 |
| 10,200.00 | 90.00 | 89.51 | 7,210.00 | -667.08 | 3,394.29 | 14,744,278.89 | 1,759,290.10 | 40.59659710 | -104.57177992 |
| 10,300.00 | 90.00 | 89.51 | 7,210.00 | -666.23 | 3,494.29 | 14,744,280.21 | 1,759,390.09 | 40.59659939 | -104.57141970 |
| 10,400.00 | 90.00 | 89.51 | 7,210.00 | -665.38 | 3,594.29 | 14,744,281.53 | 1,759,490.08 | 40.59660167 | -104.57105949 |
| 10,500.00 | 90.00 | 89.51 | 7,210.00 | -664.54 | 3,694.28 | 14,744,282.85 | 1,759,590.07 | 40.59660396 | -104.57069928 |
| 10,600.00 | 90.00 | 89.51 | 7,210.00 | -663.69 | 3,794.28 | 14,744,284.17 | 1,759,690.06 | 40.59660624 | -104.57033906 |
| 10,700.00 | 90.00 | 89.51 | 7,210.00 | -662.84 | 3,894.27 | 14,744,285.48 | 1,759,790.05 | 40.59660852 | -104.56997885 |
| 10,800.00 | 90.00 | 89.51 | 7,210.00 | -662.00 | 3,994.27 | 14,744,286.80 | 1,759,890.05 | 40.59661080 | -104.56961864 |
| 10,900.00 | 90.00 | 89.51 | 7,210.00 | -661.15 | 4,094.27 | 14,744,288.12 | 1,759,990.04 | 40.59661308 | -104.56925842 |
| 11,000.00 | 90.00 | 89.51 | 7,210.00 | -660.30 | 4,194.26 | 14,744,289.44 | 1,760,090.03 | 40.59661536 | -104.56889821 |
| 11,100.00 | 90.00 | 89.51 | 7,210.00 | -659.46 | 4,294.26 | 14,744,290.76 | 1,760,190.02 | 40.59661764 | -104.56853799 |
| 11,200.00 | 90.00 | 89.51 | 7,210.00 | -658.61 | 4,394.26 | 14,744,292.08 | 1,760,290.01 | 40.59661992 | -104.56817778 |
| 11,300.00 | 90.00 | 89.51 | 7,210.00 | -657.76 | 4,494.25 | 14,744,293.40 | 1,760,390.00 | 40.59662219 | -104.56781757 |
| 11,400.00 | 90.00 | 89.51 | 7,210.00 | -656.92 | 4,594.25 | 14,744,294.72 | 1,760,489.99 | 40.59662447 | -104.56745735 |
| 11,500.00 | 90.00 | 89.51 | 7,210.00 | -656.07 | 4,694.25 | 14,744,296.04 | 1,760,589.98 | 40.59662674 | -104.56709714 |
| 11,600.00 | 90.00 | 89.51 | 7,210.00 | -655.22 | 4,794.24 | 14,744,297.36 | 1,760,689.97 | 40.59662901 | -104.56673693 |
| 11,700.00 | 90.00 | 89.51 | 7,210.00 | -654.38 | 4,894.24 | 14,744,298.68 | 1,760,789.97 | 40.59663128 | -104.56637671 |
| 11,800.00 | 90.00 | 89.51 | 7,210.00 | -653.53 | 4,994.23 | 14,744,300.00 | 1,760,889.96 | 40.59663355 | -104.56601650 |
| 11,900.00 | 90.00 | 89.51 | 7,210.00 | -652.68 | 5,094.23 | 14,744,301.32 | 1,760,989.95 | 40.59663582 | -104.56565629 |
| 12,000.00 | 90.00 | 89.51 | 7,210.00 | -651.84 | 5,194.23 | 14,744,302.64 | 1,761,089.94 | 40.59663809 | -104.56529607 |
| 12,100.00 | 90.00 | 89.51 | 7,210.00 | -650.99 | 5,294.22 | 14,744,303.96 | 1,761,189.93 | 40.59664036 | -104.56493586 |
| 12,200.00 | 90.00 | 89.51 | 7,210.00 | -650.14 | 5,394.22 | 14,744,305.27 | 1,761,289.92 | 40.59664262 | -104.56457564 |
| 12,300.00 | 90.00 | 89.51 | 7,210.00 | -649.29 | 5,494.22 | 14,744,306.59 | 1,761,389.91 | 40.59664489 | -104.56421543 |
| 12,400.00 | 90.00 | 89.51 | 7,210.00 | -648.45 | 5,594.21 | 14,744,307.91 | 1,761,489.90 | 40.59664715 | -104.56385522 |
| 12,500.00 | 90.00 | 89.51 | 7,210.00 | -647.60 | 5,694.21 | 14,744,309.23 | 1,761,589.89 | 40.59664941 | -104.56349500 |
| 12,600.00 | 90.00 | 89.51 | 7,210.00 | -646.75 | 5,794.21 | 14,744,310.55 | 1,761,689.89 | 40.59665167 | -104.56313479 |
| 12,700.00 | 90.00 | 89.51 | 7,210.00 | -645.91 | 5,894.20 | 14,744,311.87 | 1,761,789.88 | 40.59665393 | -104.56277458 |
| 12,800.00 | 90.00 | 89.51 | 7,210.00 | -645.06 | 5,994.20 | 14,744,313.19 | 1,761,889.87 | 40.59665619 | -104.56241436 |
| 12,900.00 | 90.00 | 89.51 | 7,210.00 | -644.21 | 6,094.20 | 14,744,314.51 | 1,761,989.86 | 40.59665845 | -104.56205415 |
| 13,000.00 | 90.00 | 89.51 | 7,210.00 | -643.37 | 6,194.19 | 14,744,315.83 | 1,762,089.85 | 40.59666070 | -104.56169393 |
| 13,100.00 | 90.00 | 89.51 | 7,210.00 | -642.52 | 6,294.19 | 14,744,317.15 | 1,762,189.84 | 40.59666296 | -104.56133372 |
| 13,200.00 | 90.00 | 89.51 | 7,210.00 | -641.67 | 6,394.18 | 14,744,318.47 | 1,762,289.83 | 40.59666521 | -104.56097351 |
| 13,300.00 | 90.00 | 89.51 | 7,210.00 | -640.83 | 6,494.18 | 14,744,319.79 | 1,762,389.82 | 40.59666747 | -104.56061329 |
| 13,400.00 | 90.00 | 89.51 | 7,210.00 | -639.98 | 6,594.18 | 14,744,321.11 | 1,762,489.81 | 40.59666972 | -104.56025308 |
| 13,500.00 | 90.00 | 89.51 | 7,210.00 | -639.13 | 6,694.17 | 14,744,322.43 | 1,762,589.81 | 40.59667197 | -104.55989287 |
| 13,600.00 | 90.00 | 89.51 | 7,210.00 | -638.29 | 6,794.17 | 14,744,323.75 | 1,762,689.80 | 40.59667422 | -104.55953265 |
| 13,700.00 | 90.00 | 89.51 | 7,210.00 | -637.44 | 6,894.17 | 14,744,325.06 | 1,762,789.79 | 40.59667647 | -104.55917244 |
| 13,800.00 | 90.00 | 89.51 | 7,210.00 | -636.59 | 6,994.16 | 14,744,326.38 | 1,762,889.78 | 40.59667872 | -104.55881222 |
| 13,900.00 | 90.00 | 89.51 | 7,210.00 | -635.75 | 7,094.16 | 14,744,327.70 | 1,762,989.77 | 40.59668096 | -104.55845201 |
| 14,000.00 | 90.00 | 89.51 | 7,210.00 | -634.90 | 7,194.16 | 14,744,329.02 | 1,763,089.76 | 40.59668321 | -104.55809180 |
| 14,100.00 | 90.00 | 89.51 | 7,210.00 | -634.05 | 7,294.15 | 14,744,330.34 | 1,763,189.75 | 40.59668545 | -104.55773158 |
| 14,200.00 | 90.00 | 89.51 | 7,210.00 | -633.20 | 7,394.15 | 14,744,331.66 | 1,763,289.74 | 40.59668769 | -104.55737137 |
| 14,300.00 | 90.00 | 89.51 | 7,210.00 | -632.36 | 7,494.15 | 14,744,332.98 | 1,763,389.73 | 40.59668994 | -104.55701115 |
| 14,400.00 | 90.00 | 89.51 | 7,210.00 | -631.51 | 7,594.14 | 14,744,334.30 | 1,763,489.72 | 40.59669218 | -104.55665094 |
| 14,500.00 | 90.00 | 89.51 | 7,210.00 | -630.66 | 7,694.14 | 14,744,335.62 | 1,763,589.72 | 40.59669442 | -104.55629073 |
| 14,600.00 | 90.00 | 89.51 | 7,210.00 | -629.82 | 7,794.13 | 14,744,336.94 | 1,763,689.71 | 40.59669665 | -104.55593051 |
| 14,700.00 | 90.00 | 89.51 | 7,210.00 | -628.97 | 7,894.13 | 14,744,338.26 | 1,763,789.70 | 40.59669889 | -104.55557030 |
| 14,800.00 | 90.00 | 89.51 | 7,210.00 | -628.12 | 7,994.13 | 14,744,339.58 | 1,763,889.69 | 40.59670113 | -104.55521008 |
| 14,900.00 | 90.00 | 89.51 | 7,210.00 | -627.28 | 8,094.12 | 14,744,340.90 | 1,763,989.68 | 40.59670336 | -104.55484987 |
| 15,000.00 | 90.00 | 89.51 | 7,210.00 | -626.43 | 8,194.12 | 14,744,342.22 | 1,764,089.67 | 40.59670560 | -104.55448965 |
| 15,100.00 | 90.00 | 89.51 | 7,210.00 | -625.58 | 8,294.12 | 14,744,343.53 | 1,764,189.66 | 40.59670783 | -104.55412944 |
| 15,200.00 | 90.00 | 89.51 | 7,210.00 | -624.74 | 8,394.11 | 14,744,344.85 | 1,764,289.65 | 40.59671006 | -104.55376923 |
| 15,300.00 | 90.00 | 89.51 | 7,210.00 | -623.89 | 8,494.11 | 14,744,346.17 | 1,764,389.64 | 40.59671229 | -104.55340901 |
| 15,400.00 | 90.00 | 89.51 | 7,210.00 | -623.04 | 8,594.11 | 14,744,347.49 | 1,764,489.64 | 40.59671452 | -104.55304880 |
| 15,500.00 | 90.00 | 89.51 | 7,210.00 | -622.20 | 8,694.10 | 14,744,348.81 | 1,764,589.63 | 40.59671675 | -104.55268858 |

| | | | |
|------------------|-----------------------|-------------------------------------|-------------------------|
| Database: | DB_Jul2216dt_v14 | Local Co-ordinate Reference: | Well Almont 5-13-03L |
| Company: | Confluence Resources | TVD Reference: | RKB=5001+24 @ 5025.00ft |
| Project: | Weld County, Colorado | MD Reference: | RKB=5001+24 @ 5025.00ft |
| Site: | Section 06-T07N-R64W | North Reference: | True |
| Well: | Almont 5-13-03L | 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 | 90.00 | 89.51 | 7,210.00 | -621.35 | 8,794.10 | 14,744,350.13 | 1,764,689.62 | 40.59671898 | -104.55232837 |
| 15,700.00 | 90.00 | 89.51 | 7,210.00 | -620.50 | 8,894.10 | 14,744,351.45 | 1,764,789.61 | 40.59672120 | -104.55196816 |
| 15,800.00 | 90.00 | 89.51 | 7,210.00 | -619.66 | 8,994.09 | 14,744,352.77 | 1,764,889.60 | 40.59672343 | -104.55160794 |
| 15,900.00 | 90.00 | 89.51 | 7,210.00 | -618.81 | 9,094.09 | 14,744,354.09 | 1,764,989.59 | 40.59672565 | -104.55124773 |
| 16,000.00 | 90.00 | 89.51 | 7,210.00 | -617.96 | 9,194.08 | 14,744,355.41 | 1,765,089.58 | 40.59672787 | -104.55088751 |
| 16,100.00 | 90.00 | 89.51 | 7,210.00 | -617.11 | 9,294.08 | 14,744,356.73 | 1,765,189.57 | 40.59673010 | -104.55052730 |
| 16,200.00 | 90.00 | 89.51 | 7,210.00 | -616.27 | 9,394.08 | 14,744,358.05 | 1,765,289.56 | 40.59673232 | -104.55016708 |
| 16,300.00 | 90.00 | 89.51 | 7,210.00 | -615.42 | 9,494.07 | 14,744,359.37 | 1,765,389.56 | 40.59673454 | -104.54980687 |
| 16,400.00 | 90.00 | 89.51 | 7,210.00 | -614.57 | 9,594.07 | 14,744,360.69 | 1,765,489.55 | 40.59673675 | -104.54944666 |
| 16,500.00 | 90.00 | 89.51 | 7,210.00 | -613.73 | 9,694.07 | 14,744,362.01 | 1,765,589.54 | 40.59673897 | -104.54908644 |
| 16,600.00 | 90.00 | 89.51 | 7,210.00 | -612.88 | 9,794.06 | 14,744,363.32 | 1,765,689.53 | 40.59674119 | -104.54872623 |
| 16,700.00 | 90.00 | 89.51 | 7,210.00 | -612.03 | 9,894.06 | 14,744,364.64 | 1,765,789.52 | 40.59674340 | -104.54836601 |
| 16,800.00 | 90.00 | 89.51 | 7,210.00 | -611.19 | 9,994.06 | 14,744,365.96 | 1,765,889.51 | 40.59674562 | -104.54800580 |
| 16,900.00 | 90.00 | 89.51 | 7,210.00 | -610.34 | 10,094.05 | 14,744,367.28 | 1,765,989.50 | 40.59674783 | -104.54764558 |
| 17,000.00 | 90.00 | 89.51 | 7,210.00 | -609.49 | 10,194.05 | 14,744,368.60 | 1,766,089.49 | 40.59675004 | -104.54728537 |
| 17,100.00 | 90.00 | 89.51 | 7,210.00 | -608.65 | 10,294.04 | 14,744,369.92 | 1,766,189.48 | 40.59675225 | -104.54692516 |
| 17,200.00 | 90.00 | 89.51 | 7,210.00 | -607.80 | 10,394.04 | 14,744,371.24 | 1,766,289.48 | 40.59675446 | -104.54656494 |
| 17,228.73 | 90.00 | 89.51 | 7,210.00 | -607.56 | 10,422.77 | 14,744,371.62 | 1,766,318.20 | 40.59675509 | -104.54646146 |
| PBHL/TD 17228.73 MD/7210.00 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 | | | | | | | | | |
| Almont 5-13-03L PBHL 4 | 0.00 | 0.00 | 7,210.00 | -607.56 | 10,422.77 | 14,744,371.62 | 1,766,318.20 | 40.59675509 | -104.54646146 |
| - plan hits target center | | | | | | | | | |
| - Point | | | | | | | | | |
| Almont 5-13-03L LP 459 | 0.00 | 0.00 | 7,210.00 | -689.04 | 801.46 | 14,744,244.68 | 1,756,697.41 | 40.59653742 | -104.58111996 |
| - plan hits target center | | | | | | | | | |
| - Point | | | | | | | | | |

| Plan Annotations | | | | |
|---------------------|---------------------|-------------------|------------|---------------------------------|
| Measured Depth (ft) | Vertical Depth (ft) | Local Coordinates | | Comment |
| | | +N/-S (ft) | +E/-W (ft) | |
| 3,000.00 | 3,000.00 | 0.00 | 0.00 | KOP Begin 1°/100' build |
| 4,157.66 | 4,149.80 | -108.74 | 41.97 | Begin 11.58° tangent |
| 6,747.60 | 6,687.06 | -593.62 | 229.11 | Begin 10°/100' build/turn |
| 7,607.08 | 7,210.00 | -689.04 | 801.46 | Begin 90.00° lateral |
| 17,228.73 | 7,210.00 | -607.56 | 10,422.77 | PBHL/TD 17228.73 MD/7210.00 TVD |