

PROJECT DETAILS: Garfield County, CO (Nad 83)

Geodetic System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: Colorado Central Zone
 System Datum: Mean Sea Level

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well WMC 414-18-793 - Slot (A13) WMC 414-18-793, True North
 Vertical (TVD) Reference: KB=30' @ 8037.00usft (H&P #329)
 Section (VS) Reference: Slot - (A13) WMC 414-18-793(0.00N, 0.00E)
 Measured Depth Reference: KB=30' @ 8037.00usft (H&P #329)
 Calculation Method: Minimum Curvature

WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)

| Name | TVD | +N/-S | +E/-W | Northing | Easting | Latitude | Longitude | Shape |
|-----------------------|----------|--------|---------|------------|------------|-----------|-------------|------------------------|
| WMC 414-18-793 - VP | 7071.00 | -80.53 | 1801.93 | 1591856.20 | 2344064.58 | 39.435391 | -107.822613 | Circle (Radius: 50.00) |
| WMC 414-18-793 - PBHL | 10356.00 | -80.53 | 1801.93 | 1591856.20 | 2344064.58 | 39.435391 | -107.822613 | Point |

ANNOTATIONS

| MD | Inc | Azi | TVD | +N/-S | +E/-W | Vsect | Departure | Annotation |
|----------|-------|-------|----------|--------|---------|---------|-----------|----------------------------------|
| 200.00 | 0.00 | 0.00 | 200.00 | 0.00 | 0.00 | 0.00 | 0.00 | Start Build 3.00 |
| 754.87 | 16.65 | 92.56 | 747.09 | -3.57 | 79.96 | 80.04 | 80.04 | Start 5458.47 hold at 754.87 MD |
| 6213.33 | 16.65 | 92.56 | 5976.81 | -73.38 | 1642.02 | 1643.66 | 1643.66 | Start Drop -1.50 |
| 7323.07 | 0.00 | 0.00 | 7071.00 | -80.53 | 1801.93 | 1803.73 | 1803.73 | Start 3285.00 hold at 7323.07 MD |
| 10608.07 | 0.00 | 0.00 | 10356.00 | -80.53 | 1801.93 | 1803.73 | 1803.73 | TD at 10608.07 |

CASING DETAILS

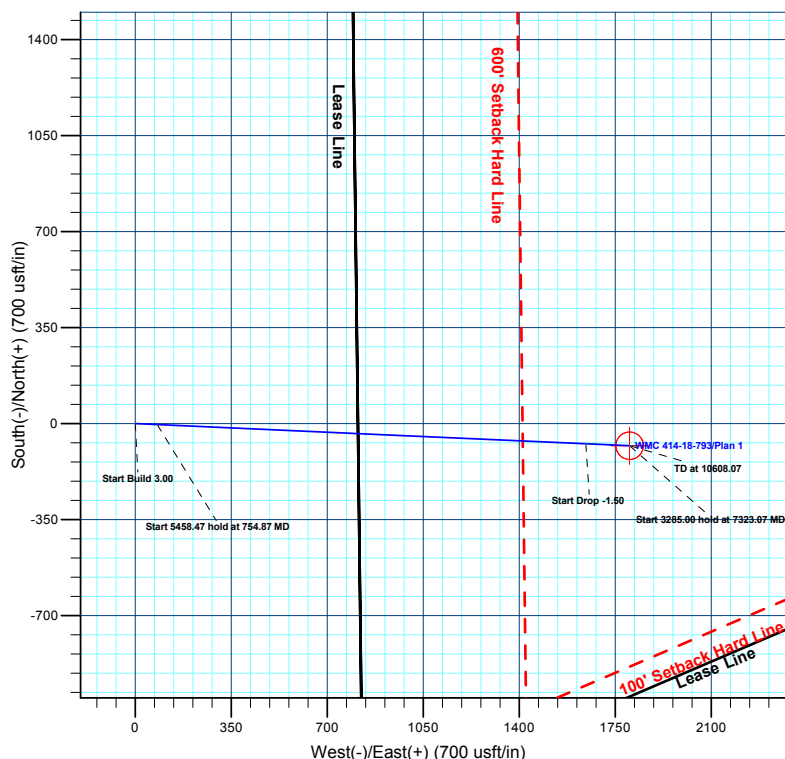
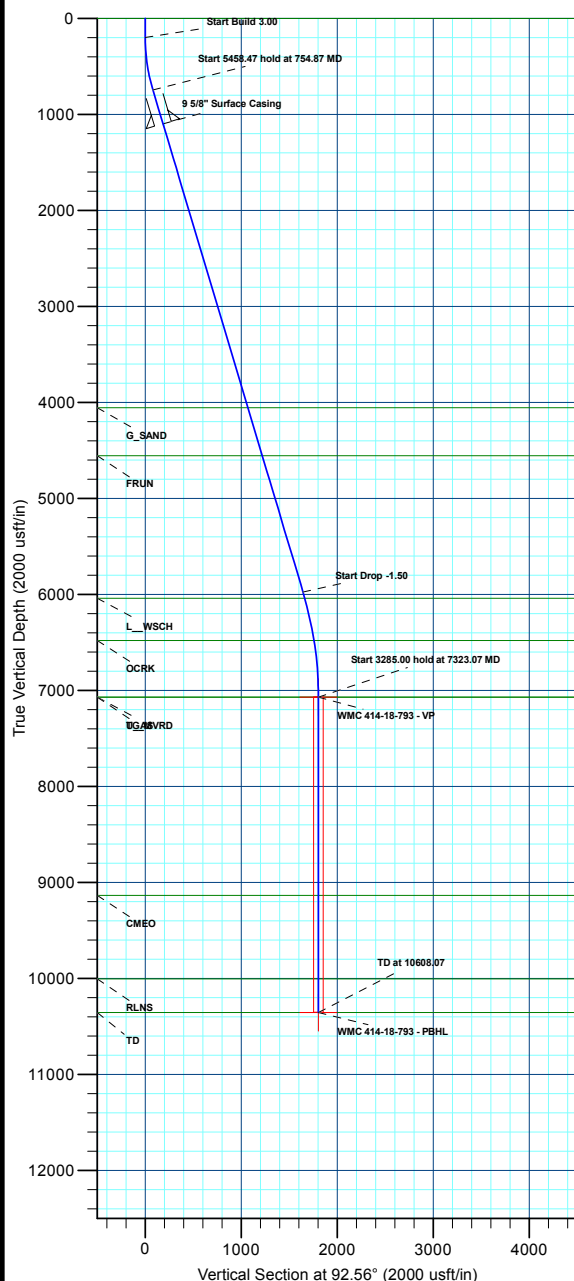
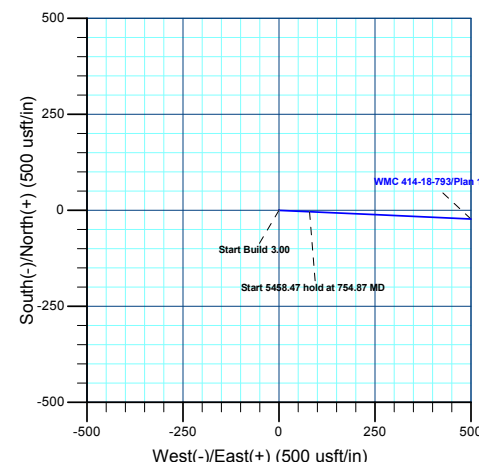
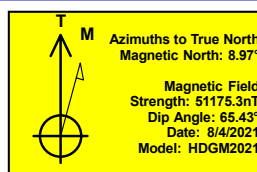
| TVD | MD | Name | Size |
|---------|---------|-----------------------|-------|
| 1100.00 | 1123.21 | 9 5/8" Surface Casing | 9-5/8 |

WELL DETAILS: WMC 414-18-793

| +N/-S | +E/-W | Northing | Ground Elev: | 8007.00 | Latitude | Longitude | Slot |
|-------|-------|------------|--------------|---------|-----------|-------------|----------------------|
| 0.00 | 0.00 | 1591982.90 | 2342265.30 | | 39.435612 | -107.828993 | (A13) WMC 414-18-793 |

FORMATION TOP DETAILS

| TVDPath | MDPath | Formation |
|----------|----------|-----------|
| 0.00 | 0.00 | U_WSCH |
| 4056.00 | 4208.50 | G_SAND |
| 4556.00 | 4730.37 | FRUN |
| 6041.00 | 6280.16 | L_WSCH |
| 6481.00 | 6730.70 | OCRK |
| 7071.00 | 7323.07 | TGAS |
| 7071.00 | 7323.07 | U_MVRD |
| 9137.00 | 9389.07 | CMEO |
| 10006.00 | 10258.07 | RLNS |
| 10356.00 | 10608.07 | TD |





Terra Energy Partners, LLP

Garfield County, CO (Nad 83)

S. Leverich 13-09 Pad

WMC 414-18-793 - Slot (A13) WMC 414-18-793

Wellbore #1

Plan: Plan 1

KLX Well Planning Report

15 February, 2022



| | | | |
|------------------|------------------------------|-------------------------------------|---|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well WMC 414-18-793 - Slot (A13) WMC 414-18-793 |
| Company: | Terra Energy Partners, LLP | TVD Reference: | KB=30' @ 8037.00usft (H&P #329) |
| Project: | Garfield County, CO (Nad 83) | MD Reference: | KB=30' @ 8037.00usft (H&P #329) |
| Site: | S. Leverich 13-09 Pad | North Reference: | True |
| Well: | WMC 414-18-793 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Plan 1 | | |

| | | | |
|--------------------|------------------------------|----------------------|----------------|
| Project | Garfield County, CO (Nad 83) | | |
| Map System: | US State Plane 1983 | System Datum: | Mean Sea Level |
| Geo Datum: | North American Datum 1983 | | |
| Map Zone: | Colorado Central Zone | | |

| | | | | |
|------------------------------|-----------------------|---------------------|-------------------|----------------------------------|
| Site | S. Leverich 13-09 Pad | | | |
| Site Position: | | Northing: | 1,591,962.80 usft | Latitude: 39.435551 |
| From: Map | | Easting: | 2,342,185.30 usft | Longitude: -107.829274 |
| Position Uncertainty: | 0.00 usft | Slot Radius: | 13-3/16 " | Grid Convergence: -1.47 ° |

| | | | | |
|-----------------------------|--|------------|----------------------------|------------------------------------|
| Well | WMC 414-18-793 - Slot (A13) WMC 414-18-793 | | | |
| Well Position | +N/-S | 22.14 usft | Northing: | 1,591,982.90 usft |
| | +E/-W | 79.46 usft | Easting: | 2,342,265.30 usft |
| Position Uncertainty | | 0.00 usft | Wellhead Elevation: | Ground Level: 8,007.00 usft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | Wellbore #1 | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | HDGM2021 | 8/4/2021 | 8.97 | 65.43 | 51,175.30000000 |

| | | | | |
|--------------------------|--------------------------------|---------------------|----------------------|----------------------|
| Design | Plan 1 | | | |
| Audit Notes: | | | | |
| Version: | Phase: | PLAN | Tie On Depth: | 0.00 |
| Vertical Section: | Depth From (TVD) (usft) | +N/-S (usft) | +E/-W (usft) | Direction (°) |
| | 0.00 | 0.00 | 0.00 | 92.56 |

| Plan Sections | | | | | | | | | | |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|------------------------|-----------------------|---------|---------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | TFO (°) | Target |
| 0.00 | 0.00 | 0.00 | 0.00 | 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 | |
| 754.87 | 16.65 | 92.56 | 747.09 | -3.57 | 79.96 | 3.00 | 3.00 | 0.00 | 92.56 | |
| 6,213.33 | 16.65 | 92.56 | 5,976.81 | -73.38 | 1,642.02 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 7,323.07 | 0.00 | 0.00 | 7,071.00 | -80.53 | 1,801.93 | 1.50 | -1.50 | 0.00 | 180.00 | WMC 414-18-793 - VI |
| 10,608.07 | 0.00 | 0.00 | 10,356.00 | -80.53 | 1,801.93 | 0.00 | 0.00 | 0.00 | 0.00 | WMC 414-18-793 - PI |

| | | | |
|------------------|------------------------------|-------------------------------------|---|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well WMC 414-18-793 - Slot (A13) WMC 414-18-793 |
| Company: | Terra Energy Partners, LLP | TVD Reference: | KB=30' @ 8037.00usft (H&P #329) |
| Project: | Garfield County, CO (Nad 83) | MD Reference: | KB=30' @ 8037.00usft (H&P #329) |
| Site: | S. Leverich 13-09 Pad | North Reference: | True |
| Well: | WMC 414-18-793 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Plan 1 | | |

| Planned Survey | | | | | | | | | |
|--|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| U_WSCH | | | | | | | | | |
| 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 |
| Start Build 3.00 | | | | | | | | | |
| 200.00 | 0.00 | 0.00 | 200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 300.00 | 3.00 | 92.56 | 299.95 | -0.12 | 2.61 | 2.62 | 3.00 | 3.00 | 0.00 |
| 400.00 | 6.00 | 92.56 | 399.63 | -0.47 | 10.45 | 10.46 | 3.00 | 3.00 | 0.00 |
| 500.00 | 9.00 | 92.56 | 498.77 | -1.05 | 23.49 | 23.51 | 3.00 | 3.00 | 0.00 |
| 600.00 | 12.00 | 92.56 | 597.08 | -1.86 | 41.69 | 41.74 | 3.00 | 3.00 | 0.00 |
| 700.00 | 15.00 | 92.56 | 694.31 | -2.91 | 65.01 | 65.08 | 3.00 | 3.00 | 0.00 |
| Start 5458.47 hold at 754.87 MD | | | | | | | | | |
| 754.87 | 16.65 | 92.56 | 747.09 | -3.57 | 79.96 | 80.04 | 3.00 | 3.00 | 0.00 |
| 800.00 | 16.65 | 92.56 | 790.34 | -4.15 | 92.87 | 92.97 | 0.00 | 0.00 | 0.00 |
| 900.00 | 16.65 | 92.56 | 886.15 | -5.43 | 121.49 | 121.61 | 0.00 | 0.00 | 0.00 |
| 1,000.00 | 16.65 | 92.56 | 981.95 | -6.71 | 150.11 | 150.26 | 0.00 | 0.00 | 0.00 |
| 1,100.00 | 16.65 | 92.56 | 1,077.76 | -7.99 | 178.72 | 178.90 | 0.00 | 0.00 | 0.00 |
| 9 5/8" Surface Casing | | | | | | | | | |
| 1,123.21 | 16.65 | 92.56 | 1,100.00 | -8.28 | 185.37 | 185.55 | 0.00 | 0.00 | 0.00 |
| 1,200.00 | 16.65 | 92.56 | 1,173.57 | -9.27 | 207.34 | 207.55 | 0.00 | 0.00 | 0.00 |
| 1,300.00 | 16.65 | 92.56 | 1,269.38 | -10.55 | 235.96 | 236.19 | 0.00 | 0.00 | 0.00 |
| 1,400.00 | 16.65 | 92.56 | 1,365.19 | -11.82 | 264.58 | 264.84 | 0.00 | 0.00 | 0.00 |
| 1,500.00 | 16.65 | 92.56 | 1,461.00 | -13.10 | 293.19 | 293.49 | 0.00 | 0.00 | 0.00 |
| 1,600.00 | 16.65 | 92.56 | 1,556.81 | -14.38 | 321.81 | 322.13 | 0.00 | 0.00 | 0.00 |
| 1,700.00 | 16.65 | 92.56 | 1,652.62 | -15.66 | 350.43 | 350.78 | 0.00 | 0.00 | 0.00 |
| 1,800.00 | 16.65 | 92.56 | 1,748.43 | -16.94 | 379.04 | 379.42 | 0.00 | 0.00 | 0.00 |
| 1,900.00 | 16.65 | 92.56 | 1,844.24 | -18.22 | 407.66 | 408.07 | 0.00 | 0.00 | 0.00 |
| 2,000.00 | 16.65 | 92.56 | 1,940.05 | -19.50 | 436.28 | 436.71 | 0.00 | 0.00 | 0.00 |
| 2,100.00 | 16.65 | 92.56 | 2,035.86 | -20.78 | 464.90 | 465.36 | 0.00 | 0.00 | 0.00 |
| 2,200.00 | 16.65 | 92.56 | 2,131.67 | -22.06 | 493.51 | 494.01 | 0.00 | 0.00 | 0.00 |
| 2,300.00 | 16.65 | 92.56 | 2,227.48 | -23.33 | 522.13 | 522.65 | 0.00 | 0.00 | 0.00 |
| 2,400.00 | 16.65 | 92.56 | 2,323.28 | -24.61 | 550.75 | 551.30 | 0.00 | 0.00 | 0.00 |
| 2,500.00 | 16.65 | 92.56 | 2,419.09 | -25.89 | 579.37 | 579.94 | 0.00 | 0.00 | 0.00 |
| 2,600.00 | 16.65 | 92.56 | 2,514.90 | -27.17 | 607.98 | 608.59 | 0.00 | 0.00 | 0.00 |
| 2,700.00 | 16.65 | 92.56 | 2,610.71 | -28.45 | 636.60 | 637.24 | 0.00 | 0.00 | 0.00 |
| 2,800.00 | 16.65 | 92.56 | 2,706.52 | -29.73 | 665.22 | 665.88 | 0.00 | 0.00 | 0.00 |
| 2,900.00 | 16.65 | 92.56 | 2,802.33 | -31.01 | 693.83 | 694.53 | 0.00 | 0.00 | 0.00 |
| 3,000.00 | 16.65 | 92.56 | 2,898.14 | -32.29 | 722.45 | 723.17 | 0.00 | 0.00 | 0.00 |
| 3,100.00 | 16.65 | 92.56 | 2,993.95 | -33.57 | 751.07 | 751.82 | 0.00 | 0.00 | 0.00 |
| 3,200.00 | 16.65 | 92.56 | 3,089.76 | -34.85 | 779.69 | 780.46 | 0.00 | 0.00 | 0.00 |
| 3,300.00 | 16.65 | 92.56 | 3,185.57 | -36.12 | 808.30 | 809.11 | 0.00 | 0.00 | 0.00 |
| 3,400.00 | 16.65 | 92.56 | 3,281.38 | -37.40 | 836.92 | 837.76 | 0.00 | 0.00 | 0.00 |
| 3,500.00 | 16.65 | 92.56 | 3,377.19 | -38.68 | 865.54 | 866.40 | 0.00 | 0.00 | 0.00 |
| 3,600.00 | 16.65 | 92.56 | 3,473.00 | -39.96 | 894.15 | 895.05 | 0.00 | 0.00 | 0.00 |
| 3,700.00 | 16.65 | 92.56 | 3,568.81 | -41.24 | 922.77 | 923.69 | 0.00 | 0.00 | 0.00 |
| 3,800.00 | 16.65 | 92.56 | 3,664.61 | -42.52 | 951.39 | 952.34 | 0.00 | 0.00 | 0.00 |
| 3,900.00 | 16.65 | 92.56 | 3,760.42 | -43.80 | 980.01 | 980.98 | 0.00 | 0.00 | 0.00 |
| 4,000.00 | 16.65 | 92.56 | 3,856.23 | -45.08 | 1,008.62 | 1,009.63 | 0.00 | 0.00 | 0.00 |
| 4,100.00 | 16.65 | 92.56 | 3,952.04 | -46.36 | 1,037.24 | 1,038.28 | 0.00 | 0.00 | 0.00 |
| 4,200.00 | 16.65 | 92.56 | 4,047.85 | -47.64 | 1,065.86 | 1,066.92 | 0.00 | 0.00 | 0.00 |
| G_SAND | | | | | | | | | |
| 4,208.51 | 16.65 | 92.56 | 4,056.00 | -47.74 | 1,068.29 | 1,069.36 | 0.00 | 0.00 | 0.00 |
| 4,300.00 | 16.65 | 92.56 | 4,143.66 | -48.91 | 1,094.48 | 1,095.57 | 0.00 | 0.00 | 0.00 |

| | | | |
|------------------|------------------------------|-------------------------------------|---|
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| Company: | Terra Energy Partners, LLP | TVD Reference: | KB=30' @ 8037.00usft (H&P #329) |
| Project: | Garfield County, CO (Nad 83) | MD Reference: | KB=30' @ 8037.00usft (H&P #329) |
| Site: | S. Leverich 13-09 Pad | North Reference: | True |
| Well: | WMC 414-18-793 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Plan 1 | | |

| Planned Survey | | | | | | | | | | |
|--|--------------------|----------------|-----------------------------|-----------------|-----------------|-------------------------------|-------------------------------|------------------------------|-----------------------------|--|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | |
| 4,400.00 | 16.65 | 92.56 | 4,239.47 | -50.19 | 1,123.09 | 1,124.21 | 0.00 | 0.00 | 0.00 | |
| 4,500.00 | 16.65 | 92.56 | 4,335.28 | -51.47 | 1,151.71 | 1,152.86 | 0.00 | 0.00 | 0.00 | |
| 4,600.00 | 16.65 | 92.56 | 4,431.09 | -52.75 | 1,180.33 | 1,181.51 | 0.00 | 0.00 | 0.00 | |
| 4,700.00 | 16.65 | 92.56 | 4,526.90 | -54.03 | 1,208.94 | 1,210.15 | 0.00 | 0.00 | 0.00 | |
| FRUN | | | | | | | | | | |
| 4,730.38 | 16.65 | 92.56 | 4,556.00 | -54.42 | 1,217.64 | 1,218.85 | 0.00 | 0.00 | 0.00 | |
| 4,800.00 | 16.65 | 92.56 | 4,622.71 | -55.31 | 1,237.56 | 1,238.80 | 0.00 | 0.00 | 0.00 | |
| 4,900.00 | 16.65 | 92.56 | 4,718.52 | -56.59 | 1,266.18 | 1,267.44 | 0.00 | 0.00 | 0.00 | |
| 5,000.00 | 16.65 | 92.56 | 4,814.33 | -57.87 | 1,294.80 | 1,296.09 | 0.00 | 0.00 | 0.00 | |
| 5,100.00 | 16.65 | 92.56 | 4,910.14 | -59.15 | 1,323.41 | 1,324.73 | 0.00 | 0.00 | 0.00 | |
| 5,200.00 | 16.65 | 92.56 | 5,005.94 | -60.42 | 1,352.03 | 1,353.38 | 0.00 | 0.00 | 0.00 | |
| 5,300.00 | 16.65 | 92.56 | 5,101.75 | -61.70 | 1,380.65 | 1,382.03 | 0.00 | 0.00 | 0.00 | |
| 5,400.00 | 16.65 | 92.56 | 5,197.56 | -62.98 | 1,409.26 | 1,410.67 | 0.00 | 0.00 | 0.00 | |
| 5,500.00 | 16.65 | 92.56 | 5,293.37 | -64.26 | 1,437.88 | 1,439.32 | 0.00 | 0.00 | 0.00 | |
| 5,600.00 | 16.65 | 92.56 | 5,389.18 | -65.54 | 1,466.50 | 1,467.96 | 0.00 | 0.00 | 0.00 | |
| 5,700.00 | 16.65 | 92.56 | 5,484.99 | -66.82 | 1,495.12 | 1,496.61 | 0.00 | 0.00 | 0.00 | |
| 5,800.00 | 16.65 | 92.56 | 5,580.80 | -68.10 | 1,523.73 | 1,525.25 | 0.00 | 0.00 | 0.00 | |
| 5,900.00 | 16.65 | 92.56 | 5,676.61 | -69.38 | 1,552.35 | 1,553.90 | 0.00 | 0.00 | 0.00 | |
| 6,000.00 | 16.65 | 92.56 | 5,772.42 | -70.66 | 1,580.97 | 1,582.55 | 0.00 | 0.00 | 0.00 | |
| 6,100.00 | 16.65 | 92.56 | 5,868.23 | -71.94 | 1,609.59 | 1,611.19 | 0.00 | 0.00 | 0.00 | |
| 6,200.00 | 16.65 | 92.56 | 5,964.04 | -73.21 | 1,638.20 | 1,639.84 | 0.00 | 0.00 | 0.00 | |
| Start Drop -1.50 | | | | | | | | | | |
| 6,213.33 | 16.65 | 92.56 | 5,976.81 | -73.38 | 1,642.02 | 1,643.66 | 0.00 | 0.00 | 0.00 | |
| L_WSCH | | | | | | | | | | |
| 6,280.16 | 15.64 | 92.56 | 6,041.00 | -74.21 | 1,660.58 | 1,662.24 | 1.50 | -1.50 | 0.00 | |
| 6,300.00 | 15.35 | 92.56 | 6,060.12 | -74.45 | 1,665.88 | 1,667.54 | 1.50 | -1.50 | 0.00 | |
| 6,400.00 | 13.85 | 92.56 | 6,156.89 | -75.58 | 1,691.05 | 1,692.74 | 1.50 | -1.50 | 0.00 | |
| 6,500.00 | 12.35 | 92.56 | 6,254.29 | -76.59 | 1,713.69 | 1,715.40 | 1.50 | -1.50 | 0.00 | |
| 6,600.00 | 10.85 | 92.56 | 6,352.24 | -77.49 | 1,733.77 | 1,735.50 | 1.50 | -1.50 | 0.00 | |
| 6,700.00 | 9.35 | 92.56 | 6,450.69 | -78.27 | 1,751.28 | 1,753.03 | 1.50 | -1.50 | 0.00 | |
| OCRK | | | | | | | | | | |
| 6,730.70 | 8.89 | 92.56 | 6,481.00 | -78.48 | 1,756.14 | 1,757.89 | 1.50 | -1.50 | 0.00 | |
| 6,800.00 | 7.85 | 92.56 | 6,549.57 | -78.94 | 1,766.21 | 1,767.97 | 1.50 | -1.50 | 0.00 | |
| 6,900.00 | 6.35 | 92.56 | 6,648.80 | -79.49 | 1,778.55 | 1,780.33 | 1.50 | -1.50 | 0.00 | |
| 7,000.00 | 4.85 | 92.56 | 6,748.32 | -79.92 | 1,788.29 | 1,790.08 | 1.50 | -1.50 | 0.00 | |
| 7,100.00 | 3.35 | 92.56 | 6,848.06 | -80.24 | 1,795.43 | 1,797.22 | 1.50 | -1.50 | 0.00 | |
| 7,200.00 | 1.85 | 92.56 | 6,947.95 | -80.44 | 1,799.95 | 1,801.75 | 1.50 | -1.50 | 0.00 | |
| 7,300.00 | 0.35 | 92.56 | 7,047.93 | -80.53 | 1,801.86 | 1,803.66 | 1.50 | -1.50 | 0.00 | |
| Start 3285.00 hold at 7323.07 MD - U_MVRD - TGAS | | | | | | | | | | |
| 7,323.07 | 0.00 | 0.00 | 7,071.00 | -80.53 | 1,801.93 | 1,803.73 | 1.50 | -1.50 | 0.00 | |
| 7,400.00 | 0.00 | 0.00 | 7,147.93 | -80.53 | 1,801.93 | 1,803.73 | 0.00 | 0.00 | 0.00 | |
| 7,500.00 | 0.00 | 0.00 | 7,247.93 | -80.53 | 1,801.93 | 1,803.73 | 0.00 | 0.00 | 0.00 | |
| 7,600.00 | 0.00 | 0.00 | 7,347.93 | -80.53 | 1,801.93 | 1,803.73 | 0.00 | 0.00 | 0.00 | |
| 7,700.00 | 0.00 | 0.00 | 7,447.93 | -80.53 | 1,801.93 | 1,803.73 | 0.00 | 0.00 | 0.00 | |
| 7,800.00 | 0.00 | 0.00 | 7,547.93 | -80.53 | 1,801.93 | 1,803.73 | 0.00 | 0.00 | 0.00 | |
| 7,900.00 | 0.00 | 0.00 | 7,647.93 | -80.53 | 1,801.93 | 1,803.73 | 0.00 | 0.00 | 0.00 | |
| 8,000.00 | 0.00 | 0.00 | 7,747.93 | -80.53 | 1,801.93 | 1,803.73 | 0.00 | 0.00 | 0.00 | |
| 8,100.00 | 0.00 | 0.00 | 7,847.93 | -80.53 | 1,801.93 | 1,803.73 | 0.00 | 0.00 | 0.00 | |
| 8,200.00 | 0.00 | 0.00 | 7,947.93 | -80.53 | 1,801.93 | 1,803.73 | 0.00 | 0.00 | 0.00 | |
| 8,300.00 | 0.00 | 0.00 | 8,047.93 | -80.53 | 1,801.93 | 1,803.73 | 0.00 | 0.00 | 0.00 | |
| 8,400.00 | 0.00 | 0.00 | 8,147.93 | -80.53 | 1,801.93 | 1,803.73 | 0.00 | 0.00 | 0.00 | |
| 8,500.00 | 0.00 | 0.00 | 8,247.93 | -80.53 | 1,801.93 | 1,803.73 | 0.00 | 0.00 | 0.00 | |

| | | | |
|------------------|------------------------------|-------------------------------------|---|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well WMC 414-18-793 - Slot (A13) WMC 414-18-793 |
| Company: | Terra Energy Partners, LLP | TVD Reference: | KB=30' @ 8037.00usft (H&P #329) |
| Project: | Garfield County, CO (Nad 83) | MD Reference: | KB=30' @ 8037.00usft (H&P #329) |
| Site: | S. Leverich 13-09 Pad | North Reference: | True |
| Well: | WMC 414-18-793 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Plan 1 | | |

| Planned Survey | | | | | | | | | |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 8,600.00 | 0.00 | 0.00 | 8,347.93 | -80.53 | 1,801.93 | 1,803.73 | 0.00 | 0.00 | 0.00 |
| 8,700.00 | 0.00 | 0.00 | 8,447.93 | -80.53 | 1,801.93 | 1,803.73 | 0.00 | 0.00 | 0.00 |
| 8,800.00 | 0.00 | 0.00 | 8,547.93 | -80.53 | 1,801.93 | 1,803.73 | 0.00 | 0.00 | 0.00 |
| 8,900.00 | 0.00 | 0.00 | 8,647.93 | -80.53 | 1,801.93 | 1,803.73 | 0.00 | 0.00 | 0.00 |
| 9,000.00 | 0.00 | 0.00 | 8,747.93 | -80.53 | 1,801.93 | 1,803.73 | 0.00 | 0.00 | 0.00 |
| 9,100.00 | 0.00 | 0.00 | 8,847.93 | -80.53 | 1,801.93 | 1,803.73 | 0.00 | 0.00 | 0.00 |
| 9,200.00 | 0.00 | 0.00 | 8,947.93 | -80.53 | 1,801.93 | 1,803.73 | 0.00 | 0.00 | 0.00 |
| 9,300.00 | 0.00 | 0.00 | 9,047.93 | -80.53 | 1,801.93 | 1,803.73 | 0.00 | 0.00 | 0.00 |
| CME0 | | | | | | | | | |
| 9,389.07 | 0.00 | 0.00 | 9,137.00 | -80.53 | 1,801.93 | 1,803.73 | 0.00 | 0.00 | 0.00 |
| 9,400.00 | 0.00 | 0.00 | 9,147.93 | -80.53 | 1,801.93 | 1,803.73 | 0.00 | 0.00 | 0.00 |
| 9,500.00 | 0.00 | 0.00 | 9,247.93 | -80.53 | 1,801.93 | 1,803.73 | 0.00 | 0.00 | 0.00 |
| 9,600.00 | 0.00 | 0.00 | 9,347.93 | -80.53 | 1,801.93 | 1,803.73 | 0.00 | 0.00 | 0.00 |
| 9,700.00 | 0.00 | 0.00 | 9,447.93 | -80.53 | 1,801.93 | 1,803.73 | 0.00 | 0.00 | 0.00 |
| 9,800.00 | 0.00 | 0.00 | 9,547.93 | -80.53 | 1,801.93 | 1,803.73 | 0.00 | 0.00 | 0.00 |
| 9,900.00 | 0.00 | 0.00 | 9,647.93 | -80.53 | 1,801.93 | 1,803.73 | 0.00 | 0.00 | 0.00 |
| 10,000.00 | 0.00 | 0.00 | 9,747.93 | -80.53 | 1,801.93 | 1,803.73 | 0.00 | 0.00 | 0.00 |
| 10,100.00 | 0.00 | 0.00 | 9,847.93 | -80.53 | 1,801.93 | 1,803.73 | 0.00 | 0.00 | 0.00 |
| 10,200.00 | 0.00 | 0.00 | 9,947.93 | -80.53 | 1,801.93 | 1,803.73 | 0.00 | 0.00 | 0.00 |
| RLNS | | | | | | | | | |
| 10,258.07 | 0.00 | 0.00 | 10,006.00 | -80.53 | 1,801.93 | 1,803.73 | 0.00 | 0.00 | 0.00 |
| 10,300.00 | 0.00 | 0.00 | 10,047.93 | -80.53 | 1,801.93 | 1,803.73 | 0.00 | 0.00 | 0.00 |
| 10,400.00 | 0.00 | 0.00 | 10,147.93 | -80.53 | 1,801.93 | 1,803.73 | 0.00 | 0.00 | 0.00 |
| 10,500.00 | 0.00 | 0.00 | 10,247.93 | -80.53 | 1,801.93 | 1,803.73 | 0.00 | 0.00 | 0.00 |
| TD at 10608.07 | | | | | | | | | |
| 10,608.07 | 0.00 | 0.00 | 10,356.00 | -80.53 | 1,801.93 | 1,803.73 | 0.00 | 0.00 | 0.00 |

| Design Targets | | | | | | | | | |
|---|---------------|--------------|------------|--------------|--------------|-----------------|----------------|-----------|-------------|
| Target Name - hit/miss target - Shape | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/-S (usft) | +E/-W (usft) | Northing (usft) | Easting (usft) | Latitude | Longitude |
| WMC 414-18-793 - VP - plan hits target center - Circle (radius 50.00) | 0.00 | 0.00 | 7,071.00 | -80.53 | 1,801.93 | 1,591,856.20 | 2,344,064.58 | 39.435391 | -107.822613 |
| WMC 414-18-793 - PBH - plan hits target center - Point | 0.00 | 0.00 | 10,356.00 | -80.53 | 1,801.93 | 1,591,856.20 | 2,344,064.58 | 39.435391 | -107.822613 |

| Casing Points | | | | | |
|-----------------------|-----------------------|-----------------------|---------------------|-------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Name | Casing Diameter (") | Hole Diameter (") | |
| 1,123.21 | 1,100.00 | 9 5/8" Surface Casing | 9-5/8 | 12-1/4 | |

| | | | |
|------------------|------------------------------|-------------------------------------|---|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well WMC 414-18-793 - Slot (A13) WMC 414-18-793 |
| Company: | Terra Energy Partners, LLP | TVD Reference: | KB=30' @ 8037.00usft (H&P #329) |
| Project: | Garfield County, CO (Nad 83) | MD Reference: | KB=30' @ 8037.00usft (H&P #329) |
| Site: | S. Leverich 13-09 Pad | North Reference: | True |
| Well: | WMC 414-18-793 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Plan 1 | | |

| Formations | | | | | | |
|-----------------------|-----------------------|---------|-----------|---------|-------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Name | Lithology | Dip (°) | Dip Direction (°) | |
| 0.00 | 0.00 | U__WSCH | | 0.00 | | |
| 4,208.51 | 4,056.00 | G_SAND | | | | |
| 4,730.38 | 4,556.00 | FRUN | | | | |
| 6,280.16 | 6,041.00 | L__WSCH | | | | |
| 6,730.70 | 6,481.00 | OCRK | | | | |
| 7,323.07 | 7,071.00 | U__MVRD | | | | |
| 7,323.07 | 7,071.00 | TGAS | | | | |
| 9,389.07 | 9,137.00 | CME0 | | | | |
| 10,258.07 | 10,006.00 | RLNS | | | | |
| 10,608.07 | 10,356.00 | TD | | 0.00 | | |

| Plan Annotations | | | | |
|-----------------------|-----------------------|-------------------|--------------|----------------------------------|
| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates | | Comment |
| | | +N/-S (usft) | +E/-W (usft) | |
| 200.00 | 200.00 | 0.00 | 0.00 | Start Build 3.00 |
| 754.87 | 747.09 | -3.57 | 79.96 | Start 5458.47 hold at 754.87 MD |
| 6,213.33 | 5,976.81 | -73.38 | 1,642.02 | Start Drop -1.50 |
| 7,323.07 | 7,071.00 | -80.53 | 1,801.93 | Start 3285.00 hold at 7323.07 MD |
| 10,608.07 | 10,356.00 | -80.53 | 1,801.93 | TD at 10608.07 |