

Petro Operating Company

Location Weld County, CO Slot LG Everist 5_7.23
Field Wattenberg Well LG Everist 06
Installation LG Everist Pad Wellbore LG Everist 06 (PWB)

Created by johnny.musso
Date plotted 6-Sep-2023

Plot reference is LG Everist 06 (PWB).
Ref wellpath is LG Everist 03 (PWP#1).
Coordinates are in Feet reference LG Everist 5_7.23.
True Vertical Depths are reference Rig Datum.
Measured Depths are reference Rig Datum.
Rig Datum: Planned Datum #1
Rig Datum to Mean Sea Level: 4901.00 ft.
Plot North is aligned to GRID North.

Scale 1 cm = 800 ft

East (Feet) ->

-14400 -12800 -11200 -9600 -8000 -6400 -4800 -3200 -1600 0 1600

LG EVERIST 03 - BHL

Surface 0.00 N 0.00 E

LG EVERIST 03 - LP

<- North(Feet)

Scale 1 cm = 800 ft

WELL PROFILE DATA

| Point | MD | Inc | Azi | TVD | North | East | deg/100ft | V. Sect |
|-------------------------|----------|-------|--------|---------|-----------|----------|-----------|----------|
| Tie on | 27.00 | 0.00 | 0.00 | 27.00 | S 0.00 | W 0.00 | | 0.00 |
| KOP | 400.00 | 0.00 | 182.79 | 400.00 | S 0.00 | W 0.00 | 0.00 | 0.00 |
| End of Build | 2048.26 | 39.56 | 182.79 | 1920.40 | S 546.10 | W 26.64 | 2.40 | -541.93 |
| End of Hold | 7812.34 | 39.56 | 182.79 | 6364.38 | S 4212.66 | W 205.53 | 0.00 | -4180.51 |
| Target LG EVE...3 - LP | 9111.40 | 90.36 | 1.60 | 7302.00 | S 3767.01 | W 209.40 | 10.00 | -3736.10 |
| Target LG Eve...C-Init | 11482.76 | 90.36 | 1.60 | 7287.21 | S 1396.61 | W 143.28 | 0.00 | -1379.64 |
| End of Build/Turn | 12084.50 | 90.41 | 349.56 | 7283.19 | S 797.78 | W 189.56 | 2.00 | -779.04 |
| Target LG Eve... C_Mid | 12787.68 | 90.41 | 349.56 | 7278.21 | S 106.25 | W 316.94 | 0.00 | -79.25 |
| End of Drop/Turn | 13227.97 | 90.35 | 3.65 | 7275.30 | N 332.16 | W 342.93 | 3.20 | 359.79 |
| Target LG Eve...M14-19 | 14529.49 | 90.35 | 3.65 | 7267.37 | N 1631.00 | W 260.02 | 0.00 | 1647.08 |
| End of Drop/Turn | 14691.34 | 90.32 | 357.18 | 7266.43 | N 1792.76 | W 258.84 | 4.00 | 1808.17 |
| Target LG Eve... M_Mid | 15273.24 | 90.32 | 357.18 | 7263.23 | N 2373.95 | W 287.49 | 0.00 | 2389.71 |
| End of Drop/Turn | 15604.90 | 90.31 | 13.76 | 7261.42 | N 2702.94 | W 255.98 | 5.00 | 2714.89 |
| Target LG Eve...M19-12 | 15901.05 | 90.31 | 13.76 | 7259.82 | N 2990.59 | W 185.53 | 0.00 | 2995.60 |
| End of Build/Turn | 16269.12 | 90.38 | 355.36 | 7257.58 | N 3355.91 | W 156.40 | 5.00 | 3357.19 |
| Target LG Eve...M2_Mid | 17661.87 | 90.38 | 355.36 | 7248.25 | N 4744.06 | W 269.11 | 0.00 | 4749.89 |
| End of Drop/Turn | 18775.71 | 90.25 | 17.63 | 7242.01 | N 5843.77 | W 143.88 | 2.00 | 5835.21 |
| T.D. & Target LG ...BHL | 18778.96 | 90.25 | 17.63 | 7242.00 | N 5846.88 | W 142.90 | 0.00 | 5838.21 |

Tie on - 0.00 Inc, 27.00 MD, 27.00 TVD, 0.00 VS

3DS Kick off Point - 0.00 Inc, 400.00 MD, 400.00 TVD, 0.00 VS

End of Build - 39.56 Inc, 2048.26 MD, 1920.40 TVD, -541.93 VS

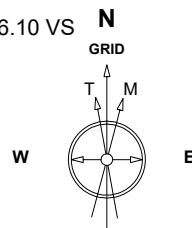
End of Hold - 39.56 Inc, 7812.34 MD, 6364.38 TVD, -4180.51 VS

LG EVERIST 03 - LP

S/C Kick off Point - 90.36 Inc, 9111.40 MD, 7302.00 TVD, -3736.10 VS

LG EVERIST 03 - BHL

T.D. & End of Hold - 7242.00 TVD, 5846.88 N 142.90 W



Feb-2-2023

IGRF-13 Dip: 66.35 deg Field: 51625.2 nT
Lat: N40 6 48.8876 Long: W104 49 34.0565 Elev: 4874.00 ft
Magnetic North is 7.68 deg East of True North
GRID North is 0.44 deg East of True North
To correct azimuth from True to GRID subtract 0.44 deg
To correct azimuth from Magnetic to GRID add 7.25 deg

<- True Vertical Depth (Feet)

-6400 -4800 -3200 -1600 0 1600 3200 4800 6400 8000 9600 11200 12800 14400

Scale 1 cm = 800 ft

Vertical Section (Feet) ->

Azimuth 355.18 with reference 0.00 N, 0.00 E from LG Everist 5_7.23

SYSDRILL
Well Design Combined Report
Wellbore: LG Everist 06 (PWB)

| Wellhead Details | | | | | | | |
|------------------|-------------|---------------|--------------|--------------|--------|--------|-----------------------------|
| Name | Latitude | Longitude | Northing | Easting | North | East | Slot Elevation Above Ground |
| LG Everist 06 | 40.11340030 | -104.82599620 | 1284872.2670 | 3188508.7862 | 65.15S | 37.02E | 0.00 |

| Declination | | |
|-------------|---------|-------|
| Date | Source | Time |
| Feb-2-2023 | IGRF-13 | 15:14 |

| Installation Details | | | | | | |
|----------------------|----------------------------------|-----------------------------------|--------------|--------------|--|-----------------|
| Name | Installation Position (Latitude) | Installation Position (Longitude) | Northing | Easting | Coord System Name | North Alignment |
| LG Everist Pad | 40.11357990 | -104.82612680 | 1284937.4120 | 3188471.7629 | NAD83 Colorado State Planes, North Zone, US Foot | Grid |

| Summary Wellpath | | | | | | | | |
|------------------|----------|----------|---------|-------------------|-----------|----------|--------------------|----------------------|
| MD[ft] | Inc[deg] | Azi[deg] | TVD[ft] | Vertical Depth SS | North[ft] | East[ft] | Dogleg [deg/100ft] | Vertical Section[ft] |
| 27.00 | 0.00 | 0.00 | 27.00 | -4874.00 | 0.00N | 0.00E | | 0.00 |
| 400.00 | 0.00 | 182.79 | 400.00 | -4501.00 | 0.00N | 0.00E | ==> | 0.00 |
| 2048.26 | 39.56 | 182.79 | 1920.40 | -2980.60 | 546.10S | 26.64W | 2.40 | -541.93 |
| 7812.34 | 39.56 | 182.79 | 6364.38 | 1463.38 | 4212.66S | 205.53W | ==> | -4180.51 |
| 9111.40 | 90.36 | 1.60 | 7302.00 | 2401.00 | 3767.01S | 209.40W | 10.00 | -3736.10 |
| 11482.76 | 90.36 | 1.60 | 7287.21 | 2386.21 | 1396.61S | 143.28W | ==> | -1379.64 |
| 12084.50 | 90.41 | 349.56 | 7283.19 | 2382.19 | 797.78S | 189.56W | 2.00 | -779.04 |
| 12787.68 | 90.41 | 349.56 | 7278.21 | 2377.21 | 106.25S | 316.94W | ==> | -79.25 |
| 13227.97 | 90.35 | 3.65 | 7275.30 | 2374.30 | 332.16N | 342.93W | 3.20 | 359.79 |
| 14529.49 | 90.35 | 3.65 | 7267.37 | 2366.37 | 1631.00N | 260.02W | ==> | 1647.08 |
| 14691.34 | 90.32 | 357.18 | 7266.43 | 2365.43 | 1792.76N | 258.84W | 4.00 | 1808.17 |
| 15273.24 | 90.32 | 357.18 | 7263.23 | 2362.23 | 2373.95N | 287.49W | ==> | 2389.71 |
| 15604.90 | 90.31 | 13.76 | 7261.42 | 2360.42 | 2702.94N | 255.98W | 5.00 | 2714.89 |
| 15901.05 | 90.31 | 13.76 | 7259.82 | 2358.82 | 2990.59N | 185.53W | ==> | 2995.60 |
| 16269.12 | 90.38 | 355.36 | 7257.58 | 2356.58 | 3355.91N | 156.40W | 5.00 | 3357.19 |
| 17661.87 | 90.38 | 355.36 | 7248.25 | 2347.25 | 4744.06N | 269.11W | ==> | 4749.89 |
| 18775.71 | 90.25 | 17.63 | 7242.01 | 2341.01 | 5843.77N | 143.88W | 2.00 | 5835.21 |
| 18778.96 | 90.25 | 17.63 | 7242.00 | 2341.00 | 5846.88N | 142.90W | ==> | 5838.21 |

| Interpolated Wellpath | | | | | | | | |
|-----------------------|----------|----------|---------|-----------|----------|--------------------|----------------------|----------------------|
| MD[ft] | Inc[deg] | Azi[deg] | TVD[ft] | North[ft] | East[ft] | Dogleg [deg/100ft] | Vertical Section[ft] | All Station Comments |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00N | 0.00E | | 0.00 | |
| 27.00 | 0.00 | 0.00 | 27.00 | 0.00N | 0.00E | ==> | 0.00 | Tie on, Slot Datum |
| 100.00 | 0.00 | 0.00 | 100.00 | 0.00N | 0.00E | ==> | 0.00 | |
| 200.00 | 0.00 | 0.00 | 200.00 | 0.00N | 0.00E | ==> | 0.00 | |
| 300.00 | 0.00 | 0.00 | 300.00 | 0.00N | 0.00E | ==> | 0.00 | |
| 400.00 | 0.00 | 182.79 | 400.00 | 0.00N | 0.00E | ==> | 0.00 | 3DS Kick off Point |
| 500.00 | 2.40 | 182.79 | 499.97 | 2.09S | 0.10W | 2.40 | -2.08 | |
| 600.00 | 4.80 | 182.79 | 599.77 | 8.36S | 0.41W | 2.40 | -8.30 | |
| 700.00 | 7.20 | 182.79 | 699.21 | 18.80S | 0.92W | 2.40 | -18.66 | |
| 800.00 | 9.60 | 182.79 | 798.13 | 33.39S | 1.63W | 2.40 | -33.14 | |
| 900.00 | 12.00 | 182.79 | 896.35 | 52.11S | 2.54W | 2.40 | -51.71 | |
| 1000.00 | 14.40 | 182.79 | 993.70 | 74.91S | 3.65W | 2.40 | -74.34 | |
| 1100.00 | 16.80 | 182.79 | 1090.01 | 101.77S | 4.97W | 2.40 | -100.99 | |
| 1200.00 | 19.20 | 182.79 | 1185.11 | 132.63S | 6.47W | 2.40 | -131.62 | |
| 1300.00 | 21.60 | 182.79 | 1278.83 | 167.45S | 8.17W | 2.40 | -166.17 | |
| 1400.00 | 24.00 | 182.79 | 1371.01 | 206.15S | 10.06W | 2.40 | -204.58 | |
| 1500.00 | 26.40 | 182.79 | 1461.49 | 248.67S | 12.13W | 2.40 | -246.78 | |
| 1527.00 | 27.05 | 182.79 | 1485.60 | 260.80S | 12.72W | 2.40 | -258.81 | |
| 1627.00 | 29.45 | 182.79 | 1573.69 | 308.07S | 15.03W | 2.40 | -305.72 | |
| 1727.00 | 31.85 | 182.79 | 1659.71 | 358.98S | 17.51W | 2.40 | -356.24 | |
| 1827.00 | 34.25 | 182.79 | 1743.53 | 413.45S | 20.17W | 2.40 | -410.29 | |
| 1927.00 | 36.65 | 182.79 | 1824.99 | 471.37S | 23.00W | 2.40 | -467.77 | |
| 2027.00 | 39.05 | 182.79 | 1903.95 | 532.65S | 25.99W | 2.40 | -528.59 | |
| 2048.26 | 39.56 | 182.79 | 1920.40 | 546.10S | 26.64W | 2.40 | -541.93 | End of Build |
| 2127.00 | 39.56 | 182.79 | 1981.10 | 596.19S | 29.09W | ==> | -591.64 | |

All data is in Feet unless otherwise stated
Coordinates are from Slot MD's are from Rig and TVD's are from Rig (Planned Datum #1 4901.0ft above Mean Sea Level)
Vertical Section is from 0.00N 0.00E on azimuth 355.18 degrees
Bottom hole distance is 5848.62 Feet on azimuth 358.60 degrees from Wellhead
Calculation method uses Minimum Curvature method
Prepared by
Date Printed: 25-Sep-2023

SYSDRILL
Well Design Combined Report
Wellbore: LG Everist 06 (PWB)

| Interpolated Wellpath | | | | | | | | |
|-----------------------|----------|----------|---------|-----------|----------|-----------------------|-------------------------|-------------------------|
| MD[ft] | Inc[deg] | Azi[deg] | TVD[ft] | North[ft] | East[ft] | Dogleg [deg/100ft] | Vertical Section[ft] | All Station Comments |
| | | | | | | | | |
| 2227.00 | 39.56 | 182.79 | 2058.20 | 659.80S | 32.19W | ==> | -654.76 | |
| 2327.00 | 39.56 | 182.79 | 2135.30 | 723.41S | 35.29W | ==> | -717.89 | |
| 2427.00 | 39.56 | 182.79 | 2212.40 | 787.02S | 38.40W | ==> | -781.01 | |
| 2527.00 | 39.56 | 182.79 | 2289.49 | 850.63S | 41.50W | ==> | -844.14 | |
| 2627.00 | 39.56 | 182.79 | 2366.59 | 914.24S | 44.61W | ==> | -907.26 | |
| | | | | | | | | |
| 2727.00 | 39.56 | 182.79 | 2443.69 | 977.85S | 47.71W | ==> | -970.39 | |
| 2827.00 | 39.56 | 182.79 | 2520.79 | 1041.46S | 50.81W | ==> | -1033.51 | |
| 2927.00 | 39.56 | 182.79 | 2597.89 | 1105.07S | 53.92W | ==> | -1096.64 | |
| 3027.00 | 39.56 | 182.79 | 2674.98 | 1168.68S | 57.02W | ==> | -1159.76 | |
| 3127.00 | 39.56 | 182.79 | 2752.08 | 1232.29S | 60.12W | ==> | -1222.89 | |
| | | | | | | | | |
| 3227.00 | 39.56 | 182.79 | 2829.18 | 1295.90S | 63.23W | ==> | -1286.01 | |
| 3327.00 | 39.56 | 182.79 | 2906.28 | 1359.51S | 66.33W | ==> | -1349.14 | |
| 3427.00 | 39.56 | 182.79 | 2983.37 | 1423.12S | 69.43W | ==> | -1412.26 | |
| 3527.00 | 39.56 | 182.79 | 3060.47 | 1486.73S | 72.54W | ==> | -1475.39 | |
| 3627.00 | 39.56 | 182.79 | 3137.57 | 1550.35S | 75.64W | ==> | -1538.51 | |
| | | | | | | | | |
| 3727.00 | 39.56 | 182.79 | 3214.67 | 1613.96S | 78.74W | ==> | -1601.64 | |
| 3827.00 | 39.56 | 182.79 | 3291.77 | 1677.57S | 81.85W | ==> | -1664.76 | |
| 3927.00 | 39.56 | 182.79 | 3368.86 | 1741.18S | 84.95W | ==> | -1727.89 | |
| 4027.00 | 39.56 | 182.79 | 3445.96 | 1804.79S | 88.06W | ==> | -1791.01 | |
| 4127.00 | 39.56 | 182.79 | 3523.06 | 1868.40S | 91.16W | ==> | -1854.14 | |
| | | | | | | | | |
| 4227.00 | 39.56 | 182.79 | 3600.16 | 1932.01S | 94.26W | ==> | -1917.26 | |
| 4327.00 | 39.56 | 182.79 | 3677.26 | 1995.62S | 97.37W | ==> | -1980.39 | |
| 4427.00 | 39.56 | 182.79 | 3754.35 | 2059.23S | 100.47W | ==> | -2043.51 | |
| 4527.00 | 39.56 | 182.79 | 3831.45 | 2122.84S | 103.57W | ==> | -2106.64 | |
| 4627.00 | 39.56 | 182.79 | 3908.55 | 2186.45S | 106.68W | ==> | -2169.76 | |
| | | | | | | | | |
| 4727.00 | 39.56 | 182.79 | 3985.65 | 2250.06S | 109.78W | ==> | -2232.89 | |
| 4827.00 | 39.56 | 182.79 | 4062.74 | 2313.67S | 112.88W | ==> | -2296.01 | |
| 4927.00 | 39.56 | 182.79 | 4139.84 | 2377.28S | 115.99W | ==> | -2359.14 | |
| 5027.00 | 39.56 | 182.79 | 4216.94 | 2440.89S | 119.09W | ==> | -2422.26 | |
| 5127.00 | 39.56 | 182.79 | 4294.04 | 2504.50S | 122.19W | ==> | -2485.39 | |
| | | | | | | | | |
| 5227.00 | 39.56 | 182.79 | 4371.14 | 2568.11S | 125.30W | ==> | -2548.51 | |
| 5327.00 | 39.56 | 182.79 | 4448.23 | 2631.72S | 128.40W | ==> | -2611.64 | |
| 5427.00 | 39.56 | 182.79 | 4525.33 | 2695.33S | 131.50W | ==> | -2674.76 | |
| 5527.00 | 39.56 | 182.79 | 4602.43 | 2758.94S | 134.61W | ==> | -2737.89 | |
| 5627.00 | 39.56 | 182.79 | 4679.53 | 2822.56S | 137.71W | ==> | -2801.01 | |
| | | | | | | | | |
| 5727.00 | 39.56 | 182.79 | 4756.62 | 2886.17S | 140.82W | ==> | -2864.14 | |
| 5827.00 | 39.56 | 182.79 | 4833.72 | 2949.78S | 143.92W | ==> | -2927.26 | |
| 5927.00 | 39.56 | 182.79 | 4910.82 | 3013.39S | 147.02W | ==> | -2990.39 | |
| 6027.00 | 39.56 | 182.79 | 4987.92 | 3077.00S | 150.13W | ==> | -3053.51 | |
| 6127.00 | 39.56 | 182.79 | 5065.02 | 3140.61S | 153.23W | ==> | -3116.64 | |
| | | | | | | | | |
| 6227.00 | 39.56 | 182.79 | 5142.11 | 3204.22S | 156.33W | ==> | -3179.76 | |
| 6327.00 | 39.56 | 182.79 | 5219.21 | 3267.83S | 159.44W | ==> | -3242.89 | |
| 6427.00 | 39.56 | 182.79 | 5296.31 | 3331.44S | 162.54W | ==> | -3306.01 | |
| 6527.00 | 39.56 | 182.79 | 5373.41 | 3395.05S | 165.64W | ==> | -3369.14 | |
| 6627.00 | 39.56 | 182.79 | 5450.50 | 3458.66S | 168.75W | ==> | -3432.26 | |
| | | | | | | | | |
| 6727.00 | 39.56 | 182.79 | 5527.60 | 3522.27S | 171.85W | ==> | -3495.39 | |
| 6827.00 | 39.56 | 182.79 | 5604.70 | 3585.88S | 174.95W | ==> | -3558.51 | |
| 6927.00 | 39.56 | 182.79 | 5681.80 | 3649.49S | 178.06W | ==> | -3621.64 | |
| 7027.00 | 39.56 | 182.79 | 5758.90 | 3713.10S | 181.16W | ==> | -3684.76 | |
| 7127.00 | 39.56 | 182.79 | 5835.99 | 3776.71S | 184.26W | ==> | -3747.89 | |
| | | | | | | | | |
| 7227.00 | 39.56 | 182.79 | 5913.09 | 3840.32S | 187.37W | ==> | -3811.01 | |
| 7327.00 | 39.56 | 182.79 | 5990.19 | 3903.93S | 190.47W | ==> | -3874.14 | |
| 7427.00 | 39.56 | 182.79 | 6067.29 | 3967.54S | 193.58W | ==> | -3937.26 | |
| 7527.00 | 39.56 | 182.79 | 6144.39 | 4031.15S | 196.68W | ==> | -4000.39 | |
| 7627.00 | 39.56 | 182.79 | 6221.48 | 4094.77S | 199.78W | ==> | -4063.51 | |
| | | | | | | | | |
| 7727.00 | 39.56 | 182.79 | 6298.58 | 4158.38S | 202.89W | ==> | -4126.64 | |
| 7812.34 | 39.56 | 182.79 | 6364.38 | 4212.66S | 205.53W | ==> | -4180.51 | End of Hold |
| 7827.00 | 38.09 | 182.86 | 6375.80 | 4221.84S | 205.99W | 10.00 | -4189.62 | |
| 7927.00 | 28.10 | 183.45 | 6459.47 | 4276.29S | 208.95W | 10.00 | -4243.63 | |
| 8027.00 | 18.11 | 184.63 | 6551.33 | 4315.39S | 211.63W | 10.00 | -4282.36 | |
| | | | | | | | | |
| 8127.00 | 8.14 | 188.55 | 6648.60 | 4337.94S | 213.94W | 10.00 | -4304.64 | |

All data is in Feet unless otherwise stated
Coordinates are from Slot MD's are from Rig (Planned Datum #1 4901.0ft above Mean Sea Level)
Vertical Section is from 0.00N 0.00E on azimuth 355.18 degrees
Bottom hole distance is 5848.62 Feet on azimuth 358.60 degrees from Wellhead
Calculation method uses Minimum Curvature method
Prepared by
Date Printed: 25-Sep-2023

SYSDRILL
Well Design Combined Report
Wellbore: LG Everist 06 (PWB)

| Interpolated Wellpath | | | | | | | | |
|-----------------------|----------|----------|---------|-----------|----------|-----------------------|-------------------------|---|
| MD[ft] | Inc[deg] | Azi[deg] | TVD[ft] | North[ft] | East[ft] | Dogleg [deg/100ft] | Vertical Section[ft] | All Station Comments |
| 8227.00 | 2.16 | 334.24 | 6748.31 | 4343.26S | 215.82W | 10.00 | -4309.78 | |
| 8327.00 | 11.96 | 356.90 | 6847.44 | 4331.19S | 217.20W | 10.00 | -4297.64 | |
| 8427.00 | 21.94 | 359.13 | 6942.98 | 4302.09S | 218.05W | 10.00 | -4268.57 | |
| 8527.00 | 31.93 | 360.00 | 7032.02 | 4256.85S | 218.33W | 10.00 | -4223.47 | |
| | | | | | | | | |
| 8627.00 | 41.93 | 0.49 | 7111.85 | 4196.85S | 218.05W | 10.00 | -4163.70 | |
| 8727.00 | 51.92 | 0.81 | 7180.06 | 4123.90S | 217.20W | 10.00 | -4091.08 | |
| 8827.00 | 61.92 | 1.06 | 7234.57 | 4040.22S | 215.82W | 10.00 | -4007.81 | |
| 8927.00 | 71.92 | 1.27 | 7273.72 | 3948.36S | 213.95W | 10.00 | -3916.43 | |
| 9027.00 | 81.92 | 1.45 | 7296.32 | 3851.10S | 211.64W | 10.00 | -3819.72 | |
| | | | | | | | | |
| 9111.40 | 90.36 | 1.60 | 7302.00 | 3767.01S | 209.40W | 10.00 | -3736.10 | S/C Kick off Point/Target, LG EVERIST 03 - LP |
| 9127.00 | 90.36 | 1.60 | 7301.90 | 3751.41S | 208.96W | ==> | -3720.60 | |
| 9227.00 | 90.36 | 1.60 | 7301.28 | 3651.45S | 206.18W | ==> | -3621.23 | |
| 9327.00 | 90.36 | 1.60 | 7300.66 | 3551.49S | 203.39W | ==> | -3521.85 | |
| 9427.00 | 90.36 | 1.60 | 7300.03 | 3451.53S | 200.60W | ==> | -3422.48 | |
| | | | | | | | | |
| 9527.00 | 90.36 | 1.60 | 7299.41 | 3351.57S | 197.81W | ==> | -3323.11 | |
| 9627.00 | 90.36 | 1.60 | 7298.78 | 3251.61S | 195.02W | ==> | -3223.74 | |
| 9727.00 | 90.36 | 1.60 | 7298.16 | 3151.65S | 192.23W | ==> | -3124.37 | |
| 9827.00 | 90.36 | 1.60 | 7297.54 | 3051.69S | 189.45W | ==> | -3025.00 | |
| 9927.00 | 90.36 | 1.60 | 7296.91 | 2951.74S | 186.66W | ==> | -2925.62 | |
| | | | | | | | | |
| 10027.00 | 90.36 | 1.60 | 7296.29 | 2851.78S | 183.87W | ==> | -2826.25 | |
| 10127.00 | 90.36 | 1.60 | 7295.67 | 2751.82S | 181.08W | ==> | -2726.88 | |
| 10227.00 | 90.36 | 1.60 | 7295.04 | 2651.86S | 178.29W | ==> | -2627.51 | |
| 10327.00 | 90.36 | 1.60 | 7294.42 | 2551.90S | 175.50W | ==> | -2528.14 | |
| 10427.00 | 90.36 | 1.60 | 7293.79 | 2451.94S | 172.71W | ==> | -2428.77 | |
| | | | | | | | | |
| 10527.00 | 90.36 | 1.60 | 7293.17 | 2351.98S | 169.93W | ==> | -2329.39 | |
| 10627.00 | 90.36 | 1.60 | 7292.55 | 2252.02S | 167.14W | ==> | -2230.02 | |
| 10727.00 | 90.36 | 1.60 | 7291.92 | 2152.06S | 164.35W | ==> | -2130.65 | |
| 10827.00 | 90.36 | 1.60 | 7291.30 | 2052.10S | 161.56W | ==> | -2031.28 | |
| 10927.00 | 90.36 | 1.60 | 7290.68 | 1952.14S | 158.77W | ==> | -1931.91 | |
| | | | | | | | | |
| 11027.00 | 90.36 | 1.60 | 7290.05 | 1852.18S | 155.98W | ==> | -1832.54 | |
| 11127.00 | 90.36 | 1.60 | 7289.43 | 1752.23S | 153.20W | ==> | -1733.16 | |
| 11227.00 | 90.36 | 1.60 | 7288.80 | 1652.27S | 150.41W | ==> | -1633.79 | |
| 11327.00 | 90.36 | 1.60 | 7288.18 | 1552.31S | 147.62W | ==> | -1534.42 | |
| 11427.00 | 90.36 | 1.60 | 7287.56 | 1452.35S | 144.83W | ==> | -1435.05 | |
| | | | | | | | | |
| 11482.76 | 90.36 | 1.60 | 7287.21 | 1396.61S | 143.28W | ==> | -1379.64 | 3DJ Kick off Point/Target, LG Everist 03- C-Init |
| 11527.00 | 90.36 | 0.71 | 7286.93 | 1352.38S | 142.38W | 2.00 | -1335.64 | |
| 11627.00 | 90.37 | 358.71 | 7286.29 | 1252.39S | 142.88W | 2.00 | -1235.96 | |
| 11727.00 | 90.38 | 356.71 | 7285.64 | 1152.48S | 146.88W | 2.00 | -1136.07 | |
| 11827.00 | 90.39 | 354.71 | 7284.97 | 1052.76S | 154.35W | 2.00 | -1036.08 | |
| | | | | | | | | |
| 11927.00 | 90.39 | 352.71 | 7284.29 | 953.37S | 165.30W | 2.00 | -936.12 | |
| 12027.00 | 90.40 | 350.71 | 7283.59 | 854.42S | 179.71W | 2.00 | -836.31 | |
| 12084.50 | 90.41 | 349.56 | 7283.19 | 797.78S | 189.56W | 2.00 | -779.04 | End of Build/Turn |
| 12127.00 | 90.41 | 349.56 | 7282.89 | 755.98S | 197.26W | ==> | -736.74 | |
| 12227.00 | 90.41 | 349.56 | 7282.18 | 657.64S | 215.37W | ==> | -637.22 | |
| | | | | | | | | |
| 12327.00 | 90.41 | 349.56 | 7281.47 | 559.29S | 233.49W | ==> | -537.70 | |
| 12427.00 | 90.41 | 349.56 | 7280.76 | 460.95S | 251.61W | ==> | -438.19 | |
| 12527.00 | 90.41 | 349.56 | 7280.06 | 362.61S | 269.72W | ==> | -338.67 | |
| 12627.00 | 90.41 | 349.56 | 7279.35 | 264.27S | 287.84W | ==> | -239.15 | |
| 12727.00 | 90.41 | 349.56 | 7278.64 | 165.92S | 305.95W | ==> | -139.64 | |
| | | | | | | | | |
| 12787.68 | 90.41 | 349.56 | 7278.21 | 106.25S | 316.94W | ==> | -79.25 | 3DJ Kick off Point/Target, LG Everist 03- C_Mid |
| 12827.00 | 90.40 | 350.82 | 7277.93 | 67.50S | 323.64W | 3.20 | -40.08 | |
| 12927.00 | 90.39 | 354.02 | 7277.24 | 31.61N | 336.83W | 3.20 | 59.79 | |
| 13027.00 | 90.38 | 357.22 | 7276.57 | 131.30N | 344.46W | 3.20 | 159.77 | |
| 13127.00 | 90.36 | 0.42 | 7275.92 | 231.26N | 346.52W | 3.20 | 259.55 | |

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Coordinates are from Slot MD's are from Rig (Planned Datum #1 4901.0ft above Mean Sea Level)
Vertical Section is from 0.00N 0.00E on azimuth 355.18 degrees
Bottom hole distance is 5848.62 Feet on azimuth 358.60 degrees from Wellhead
Calculation method uses Minimum Curvature method
Prepared by
Date Printed: 25-Sep-2023

SYSDRILL
Well Design Combined Report
Wellbore: LG Everist 06 (PWB)

| Interpolated Wellpath | | | | | | | | |
|-----------------------|----------|----------|---------|-----------|----------|-----------------------|-------------------------|---|
| MD[ft] | Inc[deg] | Azi[deg] | TVD[ft] | North[ft] | East[ft] | Dogleg [deg/100ft] | Vertical Section[ft] | All Station Comments |
| | | | | | | | | |
| 13227.00 | 90.35 | 3.62 | 7275.30 | 331.19N | 342.99W | 3.20 | 358.83 | |
| 13227.97 | 90.35 | 3.65 | 7275.30 | 332.16N | 342.93W | 3.20 | 359.79 | End of Drop/Turn |
| 13327.00 | 90.35 | 3.65 | 7274.69 | 430.98N | 336.62W | ==> | 457.73 | |
| 13427.00 | 90.35 | 3.65 | 7274.08 | 530.78N | 330.25W | ==> | 556.64 | |
| 13527.00 | 90.35 | 3.65 | 7273.48 | 630.57N | 323.88W | ==> | 655.55 | |
| | | | | | | | | |
| 13627.00 | 90.35 | 3.65 | 7272.87 | 730.37N | 317.51W | ==> | 754.46 | |
| 13727.00 | 90.35 | 3.65 | 7272.26 | 830.16N | 311.14W | ==> | 853.36 | |
| 13827.00 | 90.35 | 3.65 | 7271.65 | 929.96N | 304.77W | ==> | 952.27 | |
| 13927.00 | 90.35 | 3.65 | 7271.04 | 1029.75N | 298.40W | ==> | 1051.18 | |
| 14027.00 | 90.35 | 3.65 | 7270.43 | 1129.55N | 292.03W | ==> | 1150.08 | |
| | | | | | | | | |
| 14127.00 | 90.35 | 3.65 | 7269.82 | 1229.34N | 285.66W | ==> | 1248.99 | |
| 14227.00 | 90.35 | 3.65 | 7269.21 | 1329.14N | 279.29W | ==> | 1347.90 | |
| 14327.00 | 90.35 | 3.65 | 7268.60 | 1428.93N | 272.92W | ==> | 1446.81 | |
| 14427.00 | 90.35 | 3.65 | 7267.99 | 1528.73N | 266.54W | ==> | 1545.71 | |
| 14527.00 | 90.35 | 3.65 | 7267.39 | 1628.52N | 260.17W | ==> | 1644.62 | |
| 14529.49 | 90.35 | 3.65 | 7267.37 | 1631.00N | 260.02W | ==> | 1647.08 | 3DJ Kick off Point/Target, LG Everist 03- M14-19 |
| 14627.00 | 90.33 | 359.75 | 7266.79 | 1728.45N | 257.12W | 4.00 | 1743.94 | |
| 14691.34 | 90.32 | 357.18 | 7266.43 | 1792.76N | 258.84W | 4.00 | 1808.17 | End of Drop/Turn |
| 14727.00 | 90.32 | 357.18 | 7266.24 | 1828.38N | 260.60W | ==> | 1843.81 | |
| 14827.00 | 90.32 | 357.18 | 7265.69 | 1928.26N | 265.52W | ==> | 1943.75 | |
| | | | | | | | | |
| 14927.00 | 90.32 | 357.18 | 7265.14 | 2028.13N | 270.44W | ==> | 2043.68 | |
| 15027.00 | 90.32 | 357.18 | 7264.59 | 2128.01N | 275.36W | ==> | 2143.62 | |
| 15127.00 | 90.32 | 357.18 | 7264.04 | 2227.89N | 280.29W | ==> | 2243.56 | |
| 15227.00 | 90.32 | 357.18 | 7263.49 | 2327.77N | 285.21W | ==> | 2343.50 | |
| 15273.24 | 90.32 | 357.18 | 7263.23 | 2373.95N | 287.49W | ==> | 2389.71 | 3DJ Kick off Point/Target, LG Everist 03- M_Mid |
| | | | | | | | | |
| 15327.00 | 90.32 | 359.87 | 7262.94 | 2427.69N | 288.87W | 5.00 | 2443.37 | |
| 15427.00 | 90.31 | 4.87 | 7262.38 | 2527.57N | 284.74W | 5.00 | 2542.55 | |
| 15527.00 | 90.31 | 9.87 | 7261.84 | 2626.71N | 271.93W | 5.00 | 2640.27 | |
| 15604.90 | 90.31 | 13.76 | 7261.42 | 2702.94N | 255.98W | 5.00 | 2714.89 | End of Drop/Turn |
| 15627.00 | 90.31 | 13.76 | 7261.30 | 2724.41N | 250.72W | ==> | 2735.84 | |
| | | | | | | | | |
| 15727.00 | 90.31 | 13.76 | 7260.76 | 2821.54N | 226.93W | ==> | 2830.63 | |
| 15827.00 | 90.31 | 13.76 | 7260.22 | 2918.66N | 203.15W | ==> | 2925.41 | |
| 15901.05 | 90.31 | 13.76 | 7259.82 | 2990.59N | 185.53W | ==> | 2995.60 | 3DJ Kick off Point/Target, LG Everist 03- M19-12 |
| 15927.00 | 90.31 | 12.46 | 7259.68 | 3015.86N | 179.64W | 5.00 | 3020.29 | |
| 16027.00 | 90.34 | 7.46 | 7259.11 | 3114.32N | 162.35W | 5.00 | 3116.95 | |
| | | | | | | | | |
| 16127.00 | 90.36 | 2.46 | 7258.51 | 3213.91N | 153.70W | 5.00 | 3215.46 | |
| 16227.00 | 90.38 | 357.46 | 7257.86 | 3313.88N | 153.76W | 5.00 | 3315.08 | |
| 16269.12 | 90.38 | 355.36 | 7257.58 | 3355.91N | 156.40W | 5.00 | 3357.19 | End of Build/Turn |
| 16327.00 | 90.38 | 355.36 | 7257.20 | 3413.60N | 161.08W | ==> | 3415.07 | |
| 16427.00 | 90.38 | 355.36 | 7256.53 | 3513.27N | 169.17W | ==> | 3515.06 | |
| | | | | | | | | |
| 16527.00 | 90.38 | 355.36 | 7255.86 | 3612.94N | 177.27W | ==> | 3615.06 | |
| 16627.00 | 90.38 | 355.36 | 7255.19 | 3712.61N | 185.36W | ==> | 3715.06 | |
| 16727.00 | 90.38 | 355.36 | 7254.52 | 3812.28N | 193.45W | ==> | 3815.05 | |
| 16827.00 | 90.38 | 355.36 | 7253.85 | 3911.95N | 201.54W | ==> | 3915.05 | |
| 16927.00 | 90.38 | 355.36 | 7253.18 | 4011.62N | 209.64W | ==> | 4015.05 | |
| | | | | | | | | |
| 17027.00 | 90.38 | 355.36 | 7252.51 | 4111.29N | 217.73W | ==> | 4115.05 | |
| 17127.00 | 90.38 | 355.36 | 7251.84 | 4210.96N | 225.82W | ==> | 4215.04 | |
| 17227.00 | 90.38 | 355.36 | 7251.17 | 4310.63N | 233.92W | ==> | 4315.04 | |
| 17327.00 | 90.38 | 355.36 | 7250.50 | 4410.30N | 242.01W | ==> | 4415.04 | |
| 17427.00 | 90.38 | 355.36 | 7249.83 | 4509.97N | 250.10W | ==> | 4515.04 | |
| | | | | | | | | |

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Vertical Section is from 0.00N 0.00E on azimuth 355.18 degrees
Bottom hole distance is 5848.62 Feet on azimuth 358.60 degrees from Wellhead
Calculation method uses Minimum Curvature method
Prepared by
Date Printed: 25-Sep-2023

SYSDRILL
Well Design Combined Report
Wellbore: LG Everist 06 (PWB)

| Interpolated Wellpath | | | | | | | | |
|-----------------------|----------|----------|---------|-----------|----------|-----------------------|-------------------------|---|
| MD[ft] | Inc[deg] | Azi[deg] | TVD[ft] | North[ft] | East[ft] | Dogleg [deg/100ft] | Vertical Section[ft] | All Station Comments |
| 17527.00 | 90.38 | 355.36 | 7249.16 | 4609.64N | 258.19W | ==> | 4615.03 | |
| 17627.00 | 90.38 | 355.36 | 7248.49 | 4709.31N | 266.29W | ==> | 4715.03 | |
| 17661.87 | 90.38 | 355.36 | 7248.25 | 4744.06N | 269.11W | ==> | 4749.89 | 3DJ Kick off Point/Target, LG Everist 03- M2_Mid |
| 17727.00 | 90.38 | 356.66 | 7247.82 | 4809.03N | 273.64W | 2.00 | 4815.02 | |
| 17827.00 | 90.37 | 358.66 | 7247.17 | 4908.94N | 277.72W | 2.00 | 4914.92 | |
| | | | | | | | | |
| 17927.00 | 90.36 | 0.66 | 7246.54 | 5008.93N | 278.32W | 2.00 | 5014.61 | |
| 18027.00 | 90.35 | 2.66 | 7245.93 | 5108.88N | 275.42W | 2.00 | 5113.96 | |
| 18127.00 | 90.33 | 4.66 | 7245.33 | 5208.67N | 269.03W | 2.00 | 5212.86 | |
| 18227.00 | 90.32 | 6.66 | 7244.76 | 5308.18N | 259.17W | 2.00 | 5311.19 | |
| 18327.00 | 90.31 | 8.66 | 7244.21 | 5407.28N | 245.84W | 2.00 | 5408.82 | |
| | | | | | | | | |
| 18427.00 | 90.30 | 10.66 | 7243.68 | 5505.85N | 229.06W | 2.00 | 5505.64 | |
| 18527.00 | 90.28 | 12.66 | 7243.17 | 5603.78N | 208.85W | 2.00 | 5601.52 | |
| 18627.00 | 90.27 | 14.66 | 7242.69 | 5700.95N | 185.23W | 2.00 | 5696.36 | |
| 18727.00 | 90.26 | 16.66 | 7242.23 | 5797.23N | 158.24W | 2.00 | 5790.03 | |
| 18775.71 | 90.25 | 17.63 | 7242.01 | 5843.77N | 143.88W | 2.00 | 5835.21 | End of Drop/Turn |
| | | | | | | | | |
| 18778.96 | 90.25 | 17.63 | 7242.00 | 5846.88N | 142.90W | ==> | 5838.21 | End of Hold/Target, LG EVERIST 03 - BHL |

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Bottom hole distance is 5848.62 Feet on azimuth 358.60 degrees from Wellhead
Calculation method uses Minimum Curvature method
Prepared by
Date Printed: 25-Sep-2023

SYSDRILL
Well Design Combined Report
Wellbore: LG Everist 06 (PWB)

| Targets | | | | | | | |
|-----------------------|-----------|----------|---------|-------------|---------------|------------|------------|
| Name | North[ft] | East[ft] | TVD[ft] | Latitude | Longitude | Northing | Easting |
| LG EVERIST 06 - BHL | 5846.88N | 142.90W | 7242.00 | 40.12945268 | -104.82634827 | 1290718.89 | 3188365.90 |
| LG EVERIST 06 - LP | 3766.45S | 143.40W | 7302.00 | 40.10306453 | -104.82661114 | 1281105.97 | 3188365.39 |
| LG Everist 06- C_Mid | 45.21N | 143.20W | 7278.21 | 40.11352738 | -104.82650694 | 1284917.47 | 3188365.59 |
| LG Everist 06- C-Init | 1396.61S | 143.28W | 7287.21 | 40.10956964 | -104.82654636 | 1283475.71 | 3188365.52 |
| LG Everist 06- M_Mid | 2445.16N | 143.07W | 7263.23 | 40.12011514 | -104.82644131 | 1287317.32 | 3188365.72 |
| LG Everist 06- M2_Mid | 4845.11N | 142.95W | 7248.25 | 40.12670290 | -104.82637567 | 1289717.18 | 3188365.84 |
| LG Everist 06- M14-19 | 1780.62N | 306.27W | 7267.37 | 40.11829441 | -104.82704284 | 1286652.81 | 3188202.53 |
| LG Everist 09- M19-12 | 2989.75N | 285.53W | 7259.82 | 40.12161299 | -104.82693588 | 1287861.89 | 3188223.27 |

| Formations | | | | | | |
|-----------------------|--------------|---------------|--------------|-----------------|-------|------|
| Formation Name | Formation MD | Formation TVD | Wellpath Inc | Incidence Angle | North | East |
| Hygiene | | | | | | |
| Larimer | | | | | | |
| Sussex | | | | | | |
| Shannon | | | | | | |
| Pierre/Sharon Springs | | | | | | |
| Niobrara | | | | | | |
| Top Fox Hills | | | | | | |
| Bottom Fox Hills | | | | | | |

| Survey Tool Program | | | | | | |
|---------------------|-------------|----------|---------|---------------|-------------------|--|
| Reference | Survey Name | MD[ft] | TVD[ft] | Survey Tool | Error Model | |
| 757818 | Planned | 1527.00 | 1485.60 | WdW Rate Gyro | Standard | |
| 757817 | Planned | 18778.96 | 7242.00 | ISCWSA MWD | Rev 4 + SAG + FLT | |

| Notes |
|-------|
| |

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