

Great Western Operating Co, LLC
Directional Survey Report
MDs and TVDs are from Rig Floor 5160.0ft above Mean Sea Level

Wellbore Information

| Date Created | Date Revised | API # | RKB above GL | Well Name |
|--------------|--------------|--------------|--------------|---------------------|
| Mar-12-2021 | Jul-13-2021 | 05-001-10197 | 20.00 | Seltzer LD 09-376HN |

Wellpath Report

| MD[ft] | Inc[deg] | Azi[deg] | TVD[ft] | North[ft] | East[ft] |
|---------|----------|----------|---------|-----------|----------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 15.00 | 0.00 | 0.00 | 15.00 | 0.00 | 0.00 |
| 99.00 | 0.40 | 192.35 | 99.00 | -0.29 | -0.06 |
| 187.00 | 0.44 | 209.86 | 187.00 | -0.88 | -0.30 |
| 276.00 | 1.04 | 315.22 | 275.99 | -0.60 | -1.04 |
| 369.00 | 0.41 | 298.28 | 368.98 | 0.15 | -1.92 |
| 458.00 | 1.05 | 287.58 | 457.98 | 0.55 | -2.98 |
| 548.00 | 1.88 | 282.06 | 547.95 | 1.11 | -5.21 |
| 638.00 | 2.11 | 264.32 | 637.89 | 1.25 | -8.30 |
| 728.00 | 2.06 | 268.91 | 727.83 | 1.06 | -11.57 |
| 818.00 | 3.16 | 274.07 | 817.74 | 1.20 | -15.66 |
| 908.00 | 3.16 | 270.29 | 907.60 | 1.39 | -20.62 |
| 998.00 | 2.73 | 270.40 | 997.48 | 1.42 | -25.24 |
| 1088.00 | 2.84 | 265.40 | 1087.38 | 1.26 | -29.61 |
| 1178.00 | 2.09 | 258.95 | 1177.29 | 0.76 | -33.44 |
| 1268.00 | 2.42 | 272.19 | 1267.22 | 0.52 | -36.95 |
| 1358.00 | 2.93 | 261.26 | 1357.13 | 0.24 | -41.12 |
| 1448.00 | 2.82 | 261.78 | 1447.01 | -0.42 | -45.59 |
| 1538.00 | 3.02 | 263.11 | 1536.90 | -1.02 | -50.13 |
| 1627.00 | 2.16 | 273.08 | 1625.80 | -1.21 | -54.13 |
| 1717.00 | 1.38 | 265.61 | 1715.76 | -1.21 | -56.91 |
| 1807.00 | 1.11 | 260.03 | 1805.74 | -1.44 | -58.85 |
| 1897.00 | 0.66 | 264.64 | 1895.73 | -1.64 | -60.22 |
| 1997.00 | 0.52 | 28.75 | 1995.73 | -1.30 | -60.58 |
| 2137.00 | 0.17 | 208.74 | 2135.72 | -0.92 | -60.37 |
| 2227.00 | 0.19 | 95.83 | 2225.72 | -1.05 | -60.29 |
| 2317.00 | 0.16 | 9.60 | 2315.72 | -0.94 | -60.12 |
| 2406.00 | 0.14 | 313.71 | 2404.72 | -0.75 | -60.17 |
| 2496.00 | 0.18 | 297.02 | 2494.72 | -0.61 | -60.38 |
| 2585.00 | 0.14 | 187.85 | 2583.72 | -0.65 | -60.52 |
| 2675.00 | 0.13 | 305.68 | 2673.72 | -0.70 | -60.62 |
| 2765.00 | 0.06 | 273.26 | 2763.72 | -0.64 | -60.75 |
| 2854.00 | 0.07 | 211.43 | 2852.72 | -0.68 | -60.82 |
| 2944.00 | 0.15 | 326.74 | 2942.72 | -0.63 | -60.92 |
| 3033.00 | 0.15 | 169.34 | 3031.72 | -0.65 | -60.96 |
| 3123.00 | 0.08 | 61.85 | 3121.72 | -0.73 | -60.88 |
| 3213.00 | 0.08 | 109.16 | 3211.72 | -0.72 | -60.77 |
| 3302.00 | 0.13 | 26.52 | 3300.72 | -0.65 | -60.66 |
| 3391.00 | 0.02 | 212.75 | 3389.72 | -0.58 | -60.63 |
| 3481.00 | 0.09 | 148.31 | 3479.72 | -0.65 | -60.60 |
| 3570.00 | 0.12 | 182.65 | 3568.72 | -0.80 | -60.56 |
| 3660.00 | 0.09 | 8.67 | 3658.72 | -0.83 | -60.56 |
| 3749.00 | 0.33 | 293.68 | 3747.72 | -0.65 | -60.78 |
| 3839.00 | 3.77 | 310.57 | 3837.65 | 1.37 | -63.27 |
| 3928.00 | 7.11 | 307.43 | 3926.24 | 6.63 | -69.87 |
| 4018.00 | 10.15 | 303.85 | 4015.21 | 14.43 | -80.88 |
| 4108.00 | 13.47 | 297.72 | 4103.29 | 23.73 | -96.75 |
| 4197.00 | 16.14 | 293.74 | 4189.33 | 33.53 | -117.25 |
| 4287.00 | 18.86 | 291.42 | 4275.16 | 43.88 | -142.25 |
| 4377.00 | 20.43 | 291.05 | 4359.92 | 54.84 | -170.45 |
| 4466.00 | 21.78 | 290.84 | 4442.95 | 66.29 | -200.38 |
| 4556.00 | 23.17 | 291.53 | 4526.11 | 78.73 | -232.46 |
| 4645.00 | 23.72 | 291.82 | 4607.76 | 91.81 | -265.36 |
| 4735.00 | 26.20 | 290.48 | 4689.35 | 105.49 | -300.79 |
| 4825.00 | 28.03 | 291.16 | 4769.46 | 120.08 | -339.12 |
| 4914.00 | 29.36 | 292.81 | 4847.53 | 136.08 | -378.74 |
| 5004.00 | 29.68 | 294.29 | 4925.84 | 153.80 | -419.39 |
| 5094.00 | 29.61 | 294.00 | 5004.06 | 172.01 | -460.01 |
| 5183.00 | 29.86 | 294.48 | 5081.34 | 190.14 | -500.26 |
| 5273.00 | 29.54 | 294.36 | 5159.52 | 208.57 | -540.86 |
| 5363.00 | 29.65 | 294.14 | 5237.78 | 226.83 | -581.39 |
| 5452.00 | 29.28 | 293.78 | 5315.27 | 244.61 | -621.39 |

| MD[ft] | Inc[deg] | Azi[deg] | TVD[ft] | North[ft] | East[ft] |
|----------|----------|----------|---------|-----------|----------|
| 5542.00 | 29.43 | 294.19 | 5393.71 | 262.54 | -661.70 |
| 5631.00 | 29.29 | 294.37 | 5471.28 | 280.48 | -701.48 |
| 5721.00 | 29.26 | 293.64 | 5549.79 | 298.39 | -741.68 |
| 5810.00 | 29.48 | 294.50 | 5627.35 | 316.19 | -781.54 |
| 5900.00 | 29.28 | 293.42 | 5705.77 | 334.12 | -821.88 |
| 5989.00 | 29.60 | 294.47 | 5783.28 | 351.88 | -861.86 |
| 6079.00 | 29.59 | 294.22 | 5861.54 | 370.20 | -902.36 |
| 6168.00 | 29.57 | 294.31 | 5938.94 | 388.26 | -942.41 |
| 6258.00 | 29.52 | 294.13 | 6017.24 | 406.46 | -982.88 |
| 6348.00 | 29.57 | 294.88 | 6095.53 | 424.87 | -1023.26 |
| 6437.00 | 29.89 | 294.20 | 6172.82 | 443.20 | -1063.41 |
| 6527.00 | 29.87 | 293.99 | 6250.86 | 461.50 | -1104.34 |
| 6617.00 | 29.89 | 294.19 | 6328.89 | 479.80 | -1145.27 |
| 6707.00 | 29.88 | 294.21 | 6406.92 | 498.19 | -1186.18 |
| 6796.00 | 29.63 | 295.02 | 6484.19 | 516.58 | -1226.33 |
| 6886.00 | 29.94 | 294.52 | 6562.30 | 535.31 | -1266.93 |
| 6976.00 | 29.66 | 293.90 | 6640.40 | 553.66 | -1307.72 |
| 7065.00 | 30.02 | 294.50 | 6717.60 | 571.81 | -1348.11 |
| 7155.00 | 29.56 | 293.45 | 6795.71 | 589.98 | -1388.96 |
| 7245.00 | 29.73 | 294.12 | 6873.93 | 607.94 | -1429.70 |
| 7334.00 | 29.97 | 287.09 | 6951.14 | 623.49 | -1471.10 |
| 7423.00 | 30.00 | 279.40 | 7028.26 | 633.66 | -1514.32 |
| 7513.00 | 30.00 | 264.42 | 7106.31 | 635.15 | -1558.97 |
| 7603.00 | 31.07 | 248.97 | 7183.95 | 624.61 | -1603.11 |
| 7692.00 | 35.37 | 237.43 | 7258.46 | 602.47 | -1646.32 |
| 7782.00 | 41.90 | 226.11 | 7328.82 | 567.53 | -1690.03 |
| 7871.00 | 47.12 | 214.31 | 7392.37 | 519.88 | -1729.93 |
| 7961.00 | 52.63 | 203.35 | 7450.46 | 459.65 | -1762.77 |
| 8051.00 | 58.66 | 195.78 | 7501.27 | 389.70 | -1787.45 |
| 8140.00 | 62.78 | 190.17 | 7544.82 | 314.10 | -1804.79 |
| 8230.00 | 68.39 | 185.61 | 7582.02 | 232.97 | -1815.96 |
| 8319.00 | 70.50 | 185.68 | 7613.27 | 150.05 | -1824.15 |
| 8409.00 | 75.22 | 184.93 | 7639.78 | 64.44 | -1832.09 |
| 8498.00 | 79.50 | 184.12 | 7659.25 | -22.11 | -1838.94 |
| 8588.00 | 84.83 | 182.95 | 7671.52 | -111.07 | -1844.43 |
| 8677.00 | 88.65 | 182.32 | 7676.58 | -199.82 | -1848.51 |
| 8767.00 | 89.61 | 183.72 | 7677.95 | -289.68 | -1853.25 |
| 8856.00 | 89.56 | 180.04 | 7678.59 | -378.61 | -1856.17 |
| 8946.00 | 89.75 | 180.31 | 7679.13 | -468.61 | -1856.45 |
| 9036.00 | 89.72 | 179.08 | 7679.55 | -558.61 | -1855.97 |
| 9125.00 | 89.65 | 179.65 | 7680.04 | -647.60 | -1854.98 |
| 9215.00 | 89.61 | 179.72 | 7680.62 | -737.60 | -1854.49 |
| 9304.00 | 89.92 | 179.60 | 7680.98 | -826.59 | -1853.96 |
| 9394.00 | 89.44 | 179.70 | 7681.49 | -916.59 | -1853.41 |
| 9484.00 | 89.49 | 179.36 | 7682.33 | -1006.58 | -1852.67 |
| 9574.00 | 89.69 | 179.83 | 7682.97 | -1096.58 | -1852.04 |
| 9663.00 | 89.66 | 179.11 | 7683.48 | -1185.57 | -1851.21 |
| 9753.00 | 89.85 | 180.19 | 7683.86 | -1275.57 | -1850.66 |
| 9842.00 | 90.35 | 181.04 | 7683.71 | -1364.56 | -1851.62 |
| 9932.00 | 89.96 | 182.73 | 7683.46 | -1454.51 | -1854.58 |
| 10022.00 | 90.24 | 181.77 | 7683.30 | -1544.44 | -1858.11 |
| 10111.00 | 90.03 | 183.07 | 7683.09 | -1633.36 | -1861.87 |
| 10201.00 | 90.24 | 181.95 | 7682.88 | -1723.27 | -1865.81 |
| 10290.00 | 90.35 | 179.10 | 7682.42 | -1812.26 | -1866.63 |
| 10380.00 | 90.77 | 179.38 | 7681.54 | -1902.24 | -1865.43 |
| 10470.00 | 90.70 | 180.23 | 7680.39 | -1992.23 | -1865.13 |
| 10560.00 | 90.56 | 179.02 | 7679.40 | -2082.23 | -1864.54 |
| 10649.00 | 90.66 | 177.98 | 7678.45 | -2171.19 | -1862.21 |
| 10739.00 | 90.41 | 179.45 | 7677.61 | -2261.16 | -1860.19 |
| 10829.00 | 90.68 | 179.98 | 7676.76 | -2351.15 | -1859.74 |
| 10918.00 | 89.75 | 180.30 | 7676.42 | -2440.15 | -1859.96 |
| 11008.00 | 89.97 | 179.60 | 7676.64 | -2530.15 | -1859.88 |
| 11098.00 | 90.00 | 179.31 | 7676.67 | -2620.15 | -1859.02 |
| 11187.00 | 89.93 | 180.64 | 7676.72 | -2709.14 | -1858.99 |
| 11277.00 | 90.06 | 177.91 | 7676.73 | -2799.13 | -1857.85 |
| 11366.00 | 89.69 | 179.17 | 7676.92 | -2888.10 | -1855.58 |
| 11456.00 | 89.73 | 179.22 | 7677.38 | -2978.09 | -1854.31 |
| 11545.00 | 90.18 | 180.47 | 7677.45 | -3067.09 | -1854.07 |
| 11635.00 | 90.20 | 176.63 | 7677.15 | -3157.04 | -1851.80 |
| 11725.00 | 89.96 | 178.13 | 7677.02 | -3246.94 | -1847.68 |
| 11814.00 | 90.01 | 178.15 | 7677.05 | -3335.90 | -1844.79 |
| 11904.00 | 89.99 | 177.95 | 7677.05 | -3425.84 | -1841.73 |
| 11993.00 | 89.83 | 179.09 | 7677.19 | -3514.81 | -1839.43 |

| MD[ft] | Inc[deg] | Azi[deg] | TVD[ft] | North[ft] | East[ft] |
|----------|----------|----------|---------|-----------|----------|
| 12083.00 | 89.76 | 179.45 | 7677.51 | -3604.80 | -1838.29 |
| 12172.00 | 89.74 | 179.25 | 7677.90 | -3693.80 | -1837.28 |
| 12262.00 | 89.82 | 179.68 | 7678.24 | -3783.79 | -1836.44 |
| 12351.00 | 90.01 | 180.20 | 7678.37 | -3872.79 | -1836.34 |
| 12441.00 | 89.88 | 180.55 | 7678.46 | -3962.79 | -1836.93 |
| 12530.00 | 89.67 | 179.71 | 7678.81 | -4051.79 | -1837.13 |
| 12620.00 | 90.12 | 182.43 | 7678.98 | -4141.76 | -1838.81 |
| 12710.00 | 89.83 | 182.61 | 7679.01 | -4231.68 | -1842.77 |
| 12799.00 | 90.07 | 175.78 | 7679.09 | -4320.62 | -1841.52 |
| 12889.00 | 89.92 | 178.24 | 7679.10 | -4410.49 | -1836.83 |
| 12978.00 | 89.75 | 181.47 | 7679.36 | -4499.47 | -1836.60 |
| 13068.00 | 89.90 | 181.64 | 7679.63 | -4589.44 | -1839.05 |
| 13157.00 | 89.88 | 181.21 | 7679.80 | -4678.41 | -1841.26 |
| 13247.00 | 90.12 | 180.89 | 7679.80 | -4768.40 | -1842.91 |
| 13337.00 | 90.20 | 179.53 | 7679.55 | -4858.39 | -1843.24 |
| 13426.00 | 89.87 | 180.99 | 7679.50 | -4947.39 | -1843.64 |
| 13516.00 | 89.73 | 181.65 | 7679.81 | -5037.36 | -1845.71 |
| 13606.00 | 89.50 | 180.71 | 7680.42 | -5127.34 | -1847.57 |
| 13695.00 | 89.20 | 181.30 | 7681.43 | -5216.32 | -1849.13 |
| 13785.00 | 89.24 | 179.15 | 7682.65 | -5306.31 | -1849.48 |
| 13875.00 | 89.58 | 179.85 | 7683.58 | -5396.30 | -1848.70 |
| 13964.00 | 89.64 | 178.93 | 7684.18 | -5485.29 | -1847.75 |
| 14053.00 | 89.35 | 180.33 | 7684.97 | -5574.28 | -1847.17 |
| 14143.00 | 89.57 | 177.92 | 7685.82 | -5664.26 | -1845.80 |
| 14233.00 | 89.62 | 177.44 | 7686.45 | -5754.19 | -1842.16 |
| 14322.00 | 89.52 | 178.00 | 7687.12 | -5843.11 | -1838.62 |
| 14412.00 | 89.48 | 178.57 | 7687.91 | -5933.07 | -1835.92 |
| 14502.00 | 89.56 | 179.70 | 7688.66 | -6023.05 | -1834.56 |
| 14591.00 | 89.56 | 181.26 | 7689.34 | -6112.05 | -1835.31 |
| 14681.00 | 89.58 | 183.91 | 7690.02 | -6201.94 | -1839.37 |
| 14771.00 | 89.47 | 182.63 | 7690.77 | -6291.79 | -1844.50 |
| 14861.00 | 89.32 | 181.06 | 7691.72 | -6381.74 | -1847.40 |
| 14950.00 | 89.52 | 178.50 | 7692.62 | -6470.72 | -1847.06 |
| 15040.00 | 90.11 | 180.32 | 7692.91 | -6560.72 | -1846.13 |
| 15129.00 | 90.08 | 178.88 | 7692.76 | -6649.71 | -1845.51 |
| 15219.00 | 89.80 | 181.87 | 7692.85 | -6739.70 | -1846.10 |
| 15308.00 | 90.13 | 180.41 | 7692.91 | -6828.68 | -1847.87 |
| 15398.00 | 89.94 | 180.73 | 7692.85 | -6918.67 | -1848.76 |
| 15488.00 | 90.33 | 181.39 | 7692.64 | -7008.66 | -1850.43 |
| 15577.00 | 89.71 | 180.53 | 7692.61 | -7097.64 | -1851.92 |
| 15667.00 | 89.74 | 179.68 | 7693.04 | -7187.64 | -1852.09 |
| 15756.00 | 90.07 | 181.56 | 7693.19 | -7276.63 | -1853.05 |
| 15846.00 | 90.03 | 178.74 | 7693.11 | -7366.62 | -1853.28 |
| 15936.00 | 89.91 | 178.99 | 7693.16 | -7456.60 | -1851.50 |
| 16025.00 | 89.86 | 180.61 | 7693.34 | -7545.60 | -1851.19 |
| 16115.00 | 89.95 | 178.92 | 7693.49 | -7635.60 | -1850.82 |
| 16205.00 | 90.04 | 179.94 | 7693.49 | -7725.59 | -1849.93 |
| 16294.00 | 90.22 | 180.80 | 7693.29 | -7814.59 | -1850.50 |
| 16384.00 | 89.90 | 180.00 | 7693.20 | -7904.59 | -1851.13 |
| 16473.00 | 89.79 | 178.84 | 7693.44 | -7993.58 | -1850.23 |
| 16563.00 | 89.88 | 179.32 | 7693.70 | -8083.57 | -1848.78 |
| 16653.00 | 90.09 | 175.38 | 7693.72 | -8173.45 | -1844.62 |
| 16742.00 | 89.89 | 176.72 | 7693.74 | -8262.24 | -1838.49 |
| 16832.00 | 90.19 | 178.26 | 7693.67 | -8352.15 | -1834.55 |
| 16922.00 | 89.59 | 179.67 | 7693.85 | -8442.13 | -1832.93 |
| 17012.00 | 89.56 | 179.37 | 7694.51 | -8532.13 | -1832.17 |
| 17101.00 | 89.49 | 179.71 | 7695.25 | -8621.12 | -1831.46 |
| 17191.00 | 89.96 | 181.79 | 7695.68 | -8711.11 | -1832.64 |
| 17281.00 | 89.31 | 180.17 | 7696.26 | -8801.09 | -1834.17 |
| 17370.00 | 89.32 | 179.58 | 7697.32 | -8890.08 | -1833.98 |
| 17460.00 | 89.59 | 179.55 | 7698.18 | -8980.07 | -1833.30 |
| 17549.00 | 89.62 | 179.23 | 7698.79 | -9069.07 | -1832.35 |
| 17639.00 | 89.84 | 179.65 | 7699.22 | -9159.06 | -1831.47 |
| 17729.00 | 89.66 | 178.60 | 7699.61 | -9249.05 | -1830.10 |
| 17818.00 | 89.51 | 180.24 | 7700.25 | -9338.04 | -1829.19 |
| 17908.00 | 89.55 | 179.21 | 7700.99 | -9428.03 | -1828.76 |
| 17998.00 | 89.28 | 179.53 | 7701.91 | -9518.02 | -1827.77 |
| 18087.00 | 89.65 | 179.23 | 7702.74 | -9607.01 | -1826.81 |
| 18131.00 | 89.39 | 179.46 | 7703.11 | -9651.01 | -1826.31 |
| 18175.00 | 89.39 | 179.46 | 7703.58 | -9695.01 | -1825.89 |