

Wellpath Geographic Report

| | | | |
|-----------------------------|-------------------------------------|-----------------------------------|--|
| Report Date: | 30-Jan-04 | Grid Convergence Angle: | 1.05 deg |
| Client: | ChevronTexaco | Grid Scale Factor: | 0.999664 |
| Field: | Captain | Survey / DLS Computation Method: | Minimum Curvature |
| Structure / Slot: | Captain WPP / Slot #2 | Vertical Section Azimuth: | 58.63 deg |
| Well Name: | 13/22a-C17z | Vertical Section Origin: | 3.17S, 14.44E |
| Wellbore Name: | 13/22a-C17z (AWB) | TVD Reference Datum: | RKB |
| Wellpath Name: | 13/22a-C17z Definitive Survey | TVD Reference Elevation: | Rig (Captain WPP 155.0ft above Mean Sea Level) |
| Grid Coordinate System: | European Datum 1950 / UTM Zone 30 N | Sea Bed / Ground Level Elevation: | -345.50 ft to Mean Sea Level |
| Slot Location Lat/Long: | N58 18 26.8962, W1 46 6.4300 | North Reference: | Grid |
| Slot Location Grid N/E Y/X: | 6463750.2740 m, 572171.8300 m | Local Coordinates Referenced To: | Installation |

| | | | | | | | Grid Coordinates | | Geographic Coordinates | | | | | |
|---------|-------|-------|---------|---------|--------|--------|------------------|------------|------------------------|--------------|-------------|--------|---------|--|
| MD | Inc | Azi | TVD | TVD(SS) | N/-S | E/-W | Northing | Easting | Latitude | Longitude | DLS | VS | Comment | |
| (ft) | (deg) | (deg) | (ft) | (ft) | (ft) | (ft) | (m) | (m) | | | (deg/100ft) | (ft) | | |
| 0.00 | 0.00 | 0.00 | 0.00 | -155.00 | -3.17 | 14.44 | 6463750.270 | 572171.830 | N58 18 26.8962 | W1 46 6.4300 | 0.00 | 0.00 | | |
| 500.50 | 0.00 | 0.00 | 500.50 | 345.50 | -3.17 | 14.44 | 6463750.270 | 572171.830 | N58 18 26.8962 | W1 46 6.4300 | 0.00 | 0.00 | | |
| 550.00 | 0.37 | 97.10 | 550.00 | 395.00 | -3.19 | 14.60 | 6463750.270 | 572171.880 | N58 18 26.8960 | W1 46 6.4270 | 0.75 | 0.13 | | |
| 600.00 | 0.33 | 45.01 | 600.00 | 445.00 | -3.11 | 14.86 | 6463750.290 | 572171.960 | N58 18 26.8967 | W1 46 6.4221 | 0.62 | 0.39 | | |
| 650.00 | 0.41 | 55.39 | 650.00 | 495.00 | -2.90 | 15.11 | 6463750.350 | 572172.030 | N58 18 26.8987 | W1 46 6.4173 | 0.21 | 0.71 | | |
| 700.00 | 0.55 | 81.27 | 700.00 | 545.00 | -2.77 | 15.49 | 6463750.400 | 572172.150 | N58 18 26.9000 | W1 46 6.4101 | 0.51 | 1.11 | | |
| 750.00 | 0.32 | 86.52 | 750.00 | 594.99 | -2.72 | 15.87 | 6463750.410 | 572172.270 | N58 18 26.9004 | W1 46 6.4030 | 0.47 | 1.46 | | |
| 800.00 | 0.36 | 72.70 | 799.99 | 644.99 | -2.67 | 16.16 | 6463750.430 | 572172.350 | N58 18 26.9008 | W1 46 6.3976 | 0.18 | 1.73 | | |
| 850.00 | 0.33 | 76.34 | 849.99 | 694.99 | -2.59 | 16.45 | 6463750.450 | 572172.440 | N58 18 26.9016 | W1 46 6.3921 | 0.07 | 2.02 | | |
| 900.00 | 0.30 | 61.50 | 899.99 | 744.99 | -2.49 | 16.70 | 6463750.480 | 572172.520 | N58 18 26.9025 | W1 46 6.3873 | 0.17 | 2.29 | | |
| 950.00 | 0.34 | 63.76 | 949.99 | 794.99 | -2.36 | 16.95 | 6463750.520 | 572172.600 | N58 18 26.9037 | W1 46 6.3827 | 0.08 | 2.57 | | |
| 1000.00 | 0.37 | 53.36 | 999.99 | 844.99 | -2.20 | 17.22 | 6463750.570 | 572172.680 | N58 18 26.9053 | W1 46 6.3777 | 0.14 | 2.88 | | |
| 1050.00 | 0.82 | 38.51 | 1049.99 | 894.99 | -1.82 | 17.57 | 6463750.680 | 572172.780 | N58 18 26.9089 | W1 46 6.3710 | 0.94 | 3.37 | | |
| 1100.00 | 1.79 | 37.48 | 1099.97 | 944.97 | -0.92 | 18.27 | 6463750.960 | 572173.000 | N58 18 26.9176 | W1 46 6.3576 | 1.94 | 4.44 | | |
| 1150.00 | 3.33 | 34.11 | 1149.92 | 994.92 | 0.90 | 19.56 | 6463751.510 | 572173.390 | N58 18 26.9353 | W1 46 6.3328 | 3.09 | 6.49 | | |
| 1200.00 | 4.72 | 38.73 | 1199.80 | 1044.80 | 3.71 | 21.66 | 6463752.370 | 572174.030 | N58 18 26.9626 | W1 46 6.2926 | 2.85 | 9.74 | | |
| 1250.00 | 6.84 | 32.81 | 1249.54 | 1094.54 | 7.81 | 24.56 | 6463753.620 | 572174.910 | N58 18 27.0026 | W1 46 6.2369 | 4.40 | 14.36 | | |
| 1300.00 | 8.35 | 33.56 | 1299.10 | 1144.10 | 13.34 | 28.18 | 6463755.310 | 572176.020 | N58 18 27.0564 | W1 46 6.1672 | 3.03 | 20.33 | | |
| 1350.00 | 10.31 | 33.47 | 1348.44 | 1193.44 | 20.10 | 32.65 | 6463757.360 | 572177.380 | N58 18 27.1221 | W1 46 6.0812 | 3.92 | 27.66 | | |
| 1400.00 | 11.48 | 34.02 | 1397.54 | 1242.54 | 27.96 | 37.91 | 6463759.760 | 572178.980 | N58 18 27.1985 | W1 46 5.9802 | 2.35 | 36.24 | | |
| 1450.00 | 11.90 | 35.82 | 1446.50 | 1291.50 | 36.26 | 43.71 | 6463762.290 | 572180.750 | N58 18 27.2793 | W1 46 5.8688 | 1.11 | 45.51 | | |
| 1500.00 | 13.33 | 36.61 | 1495.29 | 1340.29 | 45.07 | 50.16 | 6463764.970 | 572182.710 | N58 18 27.3649 | W1 46 5.7450 | 2.88 | 55.61 | | |
| 1550.00 | 14.89 | 35.80 | 1543.78 | 1388.78 | 54.91 | 57.36 | 6463767.970 | 572184.910 | N58 18 27.4605 | W1 46 5.6070 | 3.14 | 66.87 | | |
| 1600.00 | 16.00 | 34.98 | 1591.97 | 1436.97 | 65.76 | 65.06 | 6463771.280 | 572187.260 | N58 18 27.5660 | W1 46 5.4590 | 2.26 | 79.11 | | |
| 1641.00 | 16.69 | 34.95 | 1631.32 | 1476.32 | 75.22 | 71.68 | 6463774.160 | 572189.270 | N58 18 27.6580 | W1 46 5.3321 | 1.68 | 89.68 | | |
| 1691.00 | 17.60 | 34.90 | 1679.09 | 1524.09 | 87.30 | 80.12 | 6463777.840 | 572191.840 | N58 18 27.7755 | W1 46 5.1700 | 1.82 | 103.17 | | |
| 1748.00 | 17.70 | 35.00 | 1733.41 | 1578.41 | 101.47 | 90.02 | 6463782.160 | 572194.860 | N58 18 27.9132 | W1 46 4.9799 | 0.18 | 119.00 | | |
| 1844.00 | 21.40 | 37.20 | 1823.86 | 1668.86 | 127.38 | 108.98 | 6463790.050 | 572200.640 | N58 18 28.1650 | W1 46 4.6161 | 3.93 | 148.68 | | |

| MD (ft) | Inc (deg) | Azi (deg) | TVD (ft) | TVD(SS) (ft) | N/S (ft) | E/W (ft) | Grid Coordinates | | Geographic Coordinates | | DLS (deg/100ft) | VS (ft) | Comment |
|------------|--------------|--------------|-------------|-----------------|-------------|-------------|------------------|----------------|------------------------|---------------|--------------------|------------|---------|
| | | | | | | | Northing (m) | Easting (m) | Latitude | Longitude | | | |
| 1940.00 | 25.60 | 38.80 | 1911.88 | 1756.88 | 157.51 | 132.58 | 6463799.230 | 572207.830 | N58 18 28.4575 | W1 46 4.1642 | 4.42 | 184.51 | |
| 2034.00 | 29.80 | 39.30 | 1995.09 | 1840.09 | 191.43 | 160.11 | 6463809.570 | 572216.220 | N58 18 28.7866 | W1 46 3.6374 | 4.47 | 225.68 | |
| 2131.00 | 33.80 | 39.00 | 2077.51 | 1922.51 | 231.06 | 192.37 | 6463821.640 | 572226.040 | N58 18 29.1712 | W1 46 3.0202 | 4.13 | 273.85 | |
| 2226.00 | 37.90 | 38.70 | 2154.50 | 1999.50 | 274.39 | 227.26 | 6463834.850 | 572236.670 | N58 18 29.5916 | W1 46 2.3525 | 4.32 | 326.19 | |
| 2320.00 | 41.80 | 38.40 | 2226.65 | 2071.65 | 321.49 | 264.78 | 6463849.200 | 572248.110 | N58 18 30.0488 | W1 46 1.6341 | 4.15 | 382.75 | |
| 2415.00 | 45.60 | 37.40 | 2295.32 | 2140.32 | 373.28 | 305.07 | 6463864.980 | 572260.390 | N58 18 30.5516 | W1 46 0.8623 | 4.07 | 444.12 | |
| 2511.00 | 49.20 | 36.90 | 2360.29 | 2205.29 | 429.60 | 347.74 | 6463882.140 | 572273.380 | N58 18 31.0986 | W1 46 0.0447 | 3.77 | 509.86 | |
| 2607.00 | 53.60 | 37.10 | 2420.17 | 2265.17 | 489.50 | 392.88 | 6463900.390 | 572287.140 | N58 18 31.6805 | W1 45 59.1794 | 4.59 | 579.59 | |
| 2701.00 | 58.90 | 36.70 | 2472.37 | 2317.37 | 551.99 | 439.78 | 6463919.430 | 572301.430 | N58 18 32.2874 | W1 45 58.2802 | 5.65 | 652.16 | |
| 2798.00 | 58.20 | 36.40 | 2522.98 | 2367.98 | 618.46 | 489.06 | 6463939.680 | 572316.450 | N58 18 32.9333 | W1 45 57.3352 | 0.77 | 728.84 | |
| 2893.00 | 58.70 | 36.20 | 2572.69 | 2417.69 | 683.71 | 536.99 | 6463959.560 | 572331.050 | N58 18 33.5673 | W1 45 56.4159 | 0.56 | 803.73 | |
| 2986.00 | 58.60 | 36.50 | 2621.08 | 2466.08 | 747.68 | 584.07 | 6463979.060 | 572345.390 | N58 18 34.1888 | W1 45 55.5130 | 0.30 | 877.22 | |
| 3061.00 | 58.60 | 35.80 | 2660.15 | 2505.15 | 799.37 | 621.83 | 6463994.810 | 572356.900 | N58 18 34.6911 | W1 45 54.7886 | 0.80 | 936.37 | |
| 3177.00 | 58.80 | 35.40 | 2720.42 | 2565.42 | 879.96 | 679.53 | 6464019.360 | 572374.480 | N58 18 35.4745 | W1 45 53.6812 | 0.34 | 1027.59 | |
| 3273.00 | 63.10 | 35.50 | 2767.02 | 2612.02 | 948.31 | 728.19 | 6464040.190 | 572389.310 | N58 18 36.1389 | W1 45 52.7470 | 4.48 | 1104.72 | |
| 3388.00 | 66.40 | 36.00 | 2816.07 | 2661.07 | 1032.71 | 788.96 | 6464065.900 | 572407.820 | N58 18 36.9591 | W1 45 51.5808 | 2.90 | 1200.54 | |
| 3464.00 | 70.30 | 36.10 | 2844.10 | 2689.10 | 1089.81 | 830.52 | 6464083.300 | 572420.490 | N58 18 37.5140 | W1 45 50.7834 | 5.13 | 1265.75 | |
| 3560.00 | 73.00 | 36.50 | 2874.32 | 2719.32 | 1163.23 | 884.46 | 6464105.670 | 572436.920 | N58 18 38.2275 | W1 45 49.7487 | 2.84 | 1350.02 | |
| 3654.00 | 76.80 | 37.70 | 2898.81 | 2743.81 | 1235.60 | 939.20 | 6464127.720 | 572453.600 | N58 18 38.9303 | W1 45 48.6994 | 4.23 | 1434.43 | |
| 3750.00 | 77.80 | 38.80 | 2919.91 | 2764.91 | 1309.14 | 997.18 | 6464150.130 | 572471.270 | N58 18 39.6442 | W1 45 47.5891 | 1.53 | 1522.22 | |
| 3846.00 | 78.90 | 41.50 | 2939.30 | 2784.30 | 1381.00 | 1057.80 | 6464172.030 | 572489.740 | N58 18 40.3409 | W1 45 46.4299 | 2.98 | 1611.38 | |
| 3941.00 | 78.80 | 44.70 | 2957.68 | 2802.68 | 1449.04 | 1121.48 | 6464192.760 | 572509.140 | N58 18 40.9996 | W1 45 45.2148 | 3.31 | 1701.18 | |
| 4037.00 | 80.80 | 48.30 | 2974.68 | 2819.68 | 1514.06 | 1190.00 | 6464212.570 | 572530.020 | N58 18 41.6276 | W1 45 43.9099 | 4.24 | 1793.53 | |
| 4131.00 | 82.40 | 50.90 | 2988.42 | 2833.42 | 1574.32 | 1260.81 | 6464230.930 | 572551.600 | N58 18 42.2083 | W1 45 42.5640 | 3.22 | 1885.36 | |
| 4225.00 | 83.80 | 53.20 | 2999.71 | 2844.71 | 1631.70 | 1334.39 | 6464248.420 | 572574.020 | N58 18 42.7601 | W1 45 41.1671 | 2.85 | 1978.05 | |
| 4322.00 | 84.20 | 56.60 | 3009.85 | 2854.85 | 1687.16 | 1413.31 | 6464265.310 | 572598.060 | N58 18 43.2920 | W1 45 39.6711 | 3.51 | 2074.30 | |
| 4417.00 | 84.20 | 59.10 | 3019.45 | 2864.45 | 1737.45 | 1493.32 | 6464280.640 | 572622.440 | N58 18 43.7729 | W1 45 38.1563 | 2.62 | 2168.80 | |
| 4568.00 | 86.65 | 62.10 | 3031.50 | 2876.50 | 1811.32 | 1624.43 | 6464303.150 | 572662.390 | N58 18 44.4766 | W1 45 35.6771 | 2.56 | 2319.20 | |
| 4662.00 | 92.63 | 62.20 | 3032.09 | 2877.09 | 1855.21 | 1707.51 | 6464316.520 | 572687.700 | N58 18 44.8939 | W1 45 34.1072 | 6.36 | 2412.98 | |
| 4758.00 | 89.83 | 63.10 | 3030.03 | 2875.03 | 1899.30 | 1792.75 | 6464329.950 | 572713.680 | N58 18 45.3127 | W1 45 32.4967 | 3.06 | 2508.71 | |
| 4854.00 | 89.91 | 64.60 | 3030.25 | 2875.25 | 1941.61 | 1878.92 | 6464342.840 | 572739.930 | N58 18 45.7137 | W1 45 30.8693 | 1.56 | 2604.31 | |
| 4948.00 | 92.40 | 67.60 | 3028.35 | 2873.35 | 1979.68 | 1964.83 | 6464354.440 | 572766.110 | N58 18 46.0731 | W1 45 29.2484 | 4.15 | 2697.48 | |
| 5043.00 | 91.89 | 67.40 | 3024.80 | 2869.80 | 2016.01 | 2052.53 | 6464365.510 | 572792.830 | N58 18 46.4149 | W1 45 27.5944 | 0.58 | 2791.27 | |
| 5140.00 | 88.43 | 67.00 | 3024.53 | 2869.53 | 2053.59 | 2141.94 | 6464376.960 | 572820.070 | N58 18 46.7689 | W1 45 25.9081 | 3.59 | 2887.18 | |
| 5236.00 | 82.72 | 66.90 | 3031.93 | 2876.93 | 2091.05 | 2229.97 | 6464388.380 | 572846.900 | N58 18 47.1218 | W1 45 24.2475 | 5.95 | 2981.84 | |
| 5329.00 | 86.65 | 67.40 | 3040.54 | 2885.54 | 2127.00 | 2315.29 | 6464399.330 | 572872.890 | N58 18 47.4604 | W1 45 22.6383 | 4.26 | 3073.40 | |
| 5333.00 | 86.75 | 67.39 | 3040.77 | 2885.77 | 2128.54 | 2318.98 | 6464399.800 | 572874.020 | N58 18 47.4748 | W1 45 22.5688 | 2.51 | 3077.35 | |
| 5360.00 | 87.40 | 67.30 | 3042.15 | 2887.15 | 2138.92 | 2343.86 | 6464402.960 | 572881.600 | N58 18 47.5726 | W1 45 22.0995 | 2.43 | 3104.00 | |
| 5426.00 | 89.00 | 67.10 | 3044.22 | 2889.22 | 2164.49 | 2404.67 | 6464410.750 | 572900.130 | N58 18 47.8133 | W1 45 20.9525 | 2.44 | 3169.23 | |
| 5520.00 | 90.89 | 67.00 | 3044.31 | 2889.31 | 2201.14 | 2491.23 | 6464421.920 | 572926.500 | N58 18 48.1585 | W1 45 19.3199 | 2.01 | 3262.21 | |
| 5617.00 | 89.80 | 66.60 | 3043.73 | 2888.73 | 2239.35 | 2580.38 | 6464433.560 | 572953.670 | N58 18 48.5186 | W1 45 17.6381 | 1.20 | 3358.23 | |
| 5708.00 | 90.51 | 66.40 | 3043.48 | 2888.48 | 2275.63 | 2663.83 | 6464444.620 | 572979.090 | N58 18 48.8608 | W1 45 16.0636 | 0.81 | 3448.37 | |
| 5806.00 | 91.43 | 66.30 | 3041.82 | 2886.82 | 2314.94 | 2753.59 | 6464456.600 | 573006.440 | N58 18 49.2316 | W1 45 14.3702 | 0.94 | 3545.47 | |
| 5901.00 | 90.57 | 66.00 | 3040.17 | 2885.17 | 2353.35 | 2840.46 | 6464468.300 | 573032.910 | N58 18 49.5940 | W1 45 12.7309 | 0.96 | 3639.63 | |

| MD (ft) | Inc (deg) | Azi (deg) | TVD (ft) | TVD(SS) (ft) | N/-S (ft) | E/-W (ft) | Grid Coordinates | | Geographic Coordinates | | DLS (deg/100ft) | VS (ft) | Comment |
|------------|--------------|--------------|-------------|-----------------|--------------|--------------|------------------|----------------|------------------------|---------------|--------------------|------------|---------|
| | | | | | | | Northing (m) | Easting (m) | Latitude | Longitude | | | |
| 5995.00 | 89.17 | 67.20 | 3040.38 | 2885.38 | 2390.68 | 2926.73 | 6464479.670 | 573059.200 | N58 18 49.9460 | W1 45 11.1035 | 1.96 | 3732.72 | |
| 6091.00 | 90.40 | 68.10 | 3040.74 | 2885.74 | 2427.18 | 3015.51 | 6464490.800 | 573086.250 | N58 18 50.2893 | W1 45 9.4291 | 1.59 | 3827.53 | |
| 6186.00 | 90.80 | 67.50 | 3039.74 | 2884.75 | 2463.07 | 3103.46 | 6464501.730 | 573113.050 | N58 18 50.6268 | W1 45 7.7705 | 0.76 | 3921.31 | |
| 6283.00 | 88.94 | 67.20 | 3039.97 | 2884.97 | 2500.43 | 3192.98 | 6464513.110 | 573140.320 | N58 18 50.9783 | W1 45 6.0822 | 1.94 | 4017.19 | |
| 6378.00 | 89.77 | 68.60 | 3041.03 | 2886.03 | 2536.17 | 3280.99 | 6464524.000 | 573167.140 | N58 18 51.3142 | W1 45 4.4225 | 1.71 | 4110.94 | |
| 6471.00 | 90.94 | 68.40 | 3040.46 | 2885.46 | 2570.25 | 3367.52 | 6464534.390 | 573193.500 | N58 18 51.6341 | W1 45 2.7912 | 1.28 | 4202.56 | |
| 6568.00 | 91.12 | 67.90 | 3038.72 | 2883.71 | 2606.34 | 3457.53 | 6464545.390 | 573220.930 | N58 18 51.9732 | W1 45 1.0939 | 0.55 | 4298.20 | |
| 6663.00 | 89.09 | 67.40 | 3038.54 | 2883.54 | 2642.47 | 3545.39 | 6464556.390 | 573247.700 | N58 18 52.3129 | W1 44 59.4370 | 2.20 | 4392.02 | |
| 6761.00 | 90.17 | 66.60 | 3039.17 | 2884.17 | 2680.76 | 3635.60 | 6464568.060 | 573275.190 | N58 18 52.6735 | W1 44 57.7353 | 1.37 | 4488.98 | |
| 6856.00 | 89.89 | 65.20 | 3039.12 | 2884.12 | 2719.55 | 3722.31 | 6464579.880 | 573301.610 | N58 18 53.0397 | W1 44 56.0988 | 1.50 | 4583.21 | |
| 6951.00 | 89.14 | 65.20 | 3039.93 | 2884.93 | 2759.39 | 3808.55 | 6464592.020 | 573327.890 | N58 18 53.4164 | W1 44 54.4709 | 0.79 | 4677.58 | |
| 7047.00 | 89.83 | 64.80 | 3040.79 | 2885.79 | 2799.96 | 3895.55 | 6464604.380 | 573354.390 | N58 18 53.8000 | W1 44 52.8284 | 0.83 | 4772.99 | |
| 7142.00 | 91.11 | 64.50 | 3040.01 | 2885.01 | 2840.63 | 3981.40 | 6464616.770 | 573380.550 | N58 18 54.1849 | W1 44 51.2075 | 1.38 | 4867.46 | |
| 7237.00 | 90.11 | 65.10 | 3039.00 | 2884.00 | 2881.08 | 4067.35 | 6464629.100 | 573406.740 | N58 18 54.5675 | W1 44 49.5847 | 1.23 | 4961.90 | |
| 7334.00 | 88.37 | 65.00 | 3040.29 | 2885.29 | 2921.99 | 4155.29 | 6464641.560 | 573433.540 | N58 18 54.9543 | W1 44 47.9245 | 1.80 | 5058.28 | |
| 7429.00 | 89.89 | 63.20 | 3041.73 | 2886.73 | 2963.48 | 4240.73 | 6464654.210 | 573459.570 | N58 18 55.3473 | W1 44 46.3109 | 2.48 | 5152.83 | |
| 7524.00 | 91.74 | 62.80 | 3040.38 | 2885.38 | 3006.60 | 4325.36 | 6464667.340 | 573485.360 | N58 18 55.7565 | W1 44 44.7118 | 1.99 | 5247.54 | |
| 7619.00 | 92.66 | 61.90 | 3036.73 | 2881.73 | 3050.66 | 4409.45 | 6464680.770 | 573510.980 | N58 18 56.1750 | W1 44 43.1225 | 1.35 | 5342.27 | |
| 7714.00 | 91.17 | 63.20 | 3033.56 | 2878.56 | 3094.42 | 4493.70 | 6464694.100 | 573536.650 | N58 18 56.5905 | W1 44 41.5303 | 2.08 | 5436.99 | |
| 7809.00 | 88.88 | 64.00 | 3033.51 | 2878.52 | 3136.66 | 4578.79 | 6464706.970 | 573562.580 | N58 18 56.9909 | W1 44 39.9230 | 2.55 | 5531.62 | |
| 7903.00 | 89.06 | 64.80 | 3035.20 | 2880.20 | 3177.27 | 4663.55 | 6464719.350 | 573588.400 | N58 18 57.3753 | W1 44 38.3224 | 0.87 | 5625.13 | |
| 7990.00 | 89.00 | 65.10 | 3036.68 | 2881.68 | 3214.10 | 4742.35 | 6464730.570 | 573612.410 | N58 18 57.7236 | W1 44 36.8345 | 0.35 | 5711.59 | |
| 8076.00 | 90.37 | 65.10 | 3037.15 | 2882.15 | 3250.31 | 4820.35 | 6464741.600 | 573636.180 | N58 18 58.0659 | W1 44 35.3619 | 1.59 | 5797.04 | |
| 8168.00 | 90.03 | 65.00 | 3036.83 | 2881.83 | 3289.11 | 4903.77 | 6464753.430 | 573661.600 | N58 18 58.4328 | W1 44 33.7870 | 0.39 | 5888.46 | |
| 8257.00 | 89.77 | 64.60 | 3036.99 | 2881.98 | 3327.01 | 4984.30 | 6464764.970 | 573686.130 | N58 18 58.7912 | W1 44 32.2665 | 0.54 | 5976.94 | |
| 8346.00 | 88.54 | 65.00 | 3038.30 | 2883.30 | 3364.90 | 5064.82 | 6464776.520 | 573710.670 | N58 18 59.1495 | W1 44 30.7461 | 1.45 | 6065.42 | |
| 8435.00 | 88.77 | 65.10 | 3040.39 | 2885.39 | 3402.43 | 5145.49 | 6464787.950 | 573735.250 | N58 18 59.5043 | W1 44 29.2230 | 0.28 | 6153.84 | |
| 8524.00 | 90.77 | 64.10 | 3040.74 | 2885.74 | 3440.60 | 5225.88 | 6464799.580 | 573759.740 | N58 18 59.8655 | W1 44 27.7050 | 2.51 | 6242.35 | |
| 8613.00 | 90.69 | 63.60 | 3039.61 | 2884.61 | 3479.82 | 5305.76 | 6464811.530 | 573784.080 | N58 19 0.2371 | W1 44 26.1960 | 0.57 | 6330.97 | |
| 8702.00 | 90.14 | 64.50 | 3038.97 | 2883.96 | 3518.77 | 5385.79 | 6464823.400 | 573808.470 | N58 19 0.6059 | W1 44 24.6845 | 1.19 | 6419.57 | |
| 8791.00 | 89.94 | 65.00 | 3038.90 | 2883.90 | 3556.73 | 5466.28 | 6464834.970 | 573832.990 | N58 19 0.9650 | W1 44 23.1645 | 0.61 | 6508.06 | |
| 8877.00 | 89.49 | 65.30 | 3039.33 | 2884.33 | 3592.87 | 5544.32 | 6464845.980 | 573856.770 | N58 19 1.3066 | W1 44 21.6912 | 0.63 | 6593.50 | |
| 8963.00 | 89.69 | 65.30 | 3039.95 | 2884.95 | 3628.81 | 5622.45 | 6464856.930 | 573880.580 | N58 19 1.6461 | W1 44 20.2162 | 0.23 | 6678.92 | |
| 9051.00 | 89.37 | 65.40 | 3040.67 | 2885.67 | 3665.51 | 5702.43 | 6464868.110 | 573904.950 | N58 19 1.9928 | W1 44 18.7063 | 0.38 | 6766.31 | |
| 9140.00 | 89.23 | 65.30 | 3041.76 | 2886.76 | 3702.63 | 5783.31 | 6464879.420 | 573929.590 | N58 19 2.3434 | W1 44 17.1794 | 0.19 | 6854.69 | |
| 9229.00 | 88.74 | 65.40 | 3043.33 | 2888.33 | 3739.74 | 5864.19 | 6464890.730 | 573954.230 | N58 19 2.6940 | W1 44 15.6525 | 0.56 | 6943.07 | |
| 9320.00 | 89.26 | 65.40 | 3044.92 | 2889.92 | 3777.62 | 5946.91 | 6464902.270 | 573979.440 | N58 19 3.0518 | W1 44 14.0907 | 0.57 | 7033.42 | |
| 9411.00 | 88.23 | 65.30 | 3046.91 | 2891.91 | 3815.56 | 6029.60 | 6464913.830 | 574004.630 | N58 19 3.4103 | W1 44 12.5297 | 1.14 | 7123.77 | |
| 9499.00 | 89.14 | 65.20 | 3048.93 | 2893.93 | 3852.39 | 6109.49 | 6464925.050 | 574028.980 | N58 19 3.7583 | W1 44 11.0213 | 1.04 | 7211.16 | |
| 9588.98 | 89.26 | 65.00 | 3050.19 | 2895.19 | 3890.27 | 6191.10 | 6464936.600 | 574053.840 | N58 19 4.1163 | W1 44 9.4804 | 0.26 | 7300.56 | |
| 9679.87 | 88.91 | 65.00 | 3051.64 | 2896.64 | 3928.68 | 6273.47 | 6464948.300 | 574078.940 | N58 19 4.4793 | W1 44 7.9252 | 0.39 | 7390.88 | |
| 9769.35 | 89.03 | 65.40 | 3053.25 | 2898.25 | 3966.21 | 6354.68 | 6464959.730 | 574103.690 | N58 19 4.8339 | W1 44 6.3918 | 0.47 | 7479.75 | |
| 9854.37 | 89.11 | 65.30 | 3054.63 | 2899.63 | 4001.66 | 6431.94 | 6464970.540 | 574127.230 | N58 19 5.1688 | W1 44 4.9332 | 0.15 | 7564.18 | |
| 9945.00 | 89.69 | 65.20 | 3055.58 | 2900.58 | 4039.60 | 6514.24 | 6464982.100 | 574152.300 | N58 19 5.5272 | W1 44 3.3793 | 0.65 | 7654.20 | |

| | | | | | | | Grid Coordinates | | Geographic Coordinates | | | | |
|----------|-------|-------|---------|---------|---------|---------|------------------|------------|------------------------|---------------|-------------|---------|---------|
| MD | Inc | Azi | TVD | TVD(SS) | N/-S | E/-W | Northing | Easting | Latitude | Longitude | DLS | VS | Comment |
| (ft) | (deg) | (deg) | (ft) | (ft) | (ft) | (ft) | (m) | (m) | | | (deg/100ft) | (ft) | |
| 10034.62 | 89.40 | 65.10 | 3056.29 | 2901.29 | 4077.26 | 6595.56 | 6464993.570 | 574177.080 | N58 19 5.8831 | W1 44 1.8439 | 0.34 | 7743.24 | |
| 10124.37 | 88.97 | 64.90 | 3057.57 | 2902.57 | 4115.19 | 6676.90 | 6465005.130 | 574201.860 | N58 19 6.2416 | W1 44 0.3081 | 0.53 | 7832.42 | |
| 10214.87 | 88.80 | 65.20 | 3059.33 | 2904.33 | 4153.36 | 6758.93 | 6465016.760 | 574226.860 | N58 19 6.6023 | W1 43 58.7590 | 0.38 | 7922.34 | |
| 10304.90 | 89.54 | 63.80 | 3060.63 | 2905.63 | 4192.11 | 6840.18 | 6465028.570 | 574251.620 | N58 19 6.9689 | W1 43 57.2245 | 1.76 | 8011.89 | |
| 10394.87 | 90.69 | 62.60 | 3060.45 | 2905.45 | 4232.68 | 6920.49 | 6465040.930 | 574276.080 | N58 19 7.3536 | W1 43 55.7071 | 1.85 | 8101.57 | |
| 10483.87 | 90.54 | 62.00 | 3059.49 | 2904.50 | 4274.04 | 6999.28 | 6465053.530 | 574300.090 | N58 19 7.7464 | W1 43 54.2176 | 0.69 | 8190.38 | |
| 10573.87 | 89.66 | 62.20 | 3059.34 | 2904.34 | 4316.16 | 7078.82 | 6465066.360 | 574324.330 | N58 19 8.1464 | W1 43 52.7139 | 1.00 | 8280.21 | |
| 10665.55 | 89.54 | 62.50 | 3059.98 | 2904.98 | 4358.70 | 7160.03 | 6465079.330 | 574349.070 | N58 19 8.5504 | W1 43 51.1788 | 0.35 | 8371.70 | |
| 10734.00 | 89.54 | 62.50 | 3060.53 | 2905.53 | 4390.31 | 7220.74 | 6465088.960 | 574367.570 | N58 19 8.8504 | W1 43 50.0311 | 0.00 | 8439.99 | |