



INTEQ

# 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:	48.80 deg
Well Name:	13/22a-C17	Vertical Section Origin:	3.17S, 14.44E
Wellbore Name:	13/22a-C17 (AWB)	TVD Reference Datum:	RKB
Wellpath Name:	13/22a-C17 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	0.11		
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	0.36		
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	0.68		
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	1.06		
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	1.37		
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	1.63		
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	1.90		
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	2.15		
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	2.42		
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	2.73		
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	3.24		
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	4.36		
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	6.53		
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	9.96		
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	14.85		
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	21.21		
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	29.03		
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	38.16		
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	47.99		
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	58.65		
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	70.55		
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	83.50		
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	94.70		
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	109.01		
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	125.79		
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	157.13		

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	194.73	
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	237.78	
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	288.16	
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	342.95	
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	402.21	
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	466.65	
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	535.84	
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	609.27	
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	685.71	
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	766.58	
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	845.62	
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	923.17	
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	985.64	
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	1082.13	
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	1163.77	
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	1265.08	
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	1333.97	
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	1422.92	
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	1511.77	
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	1603.84	
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	1696.78	
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	1789.51	
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	1883.90	
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	1976.87	
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	2070.03	
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	2165.94	
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	2259.27	
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	2406.58	
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	2497.99	
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	2591.17	
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	2683.87	
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	2773.58	
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	2863.51	
5138.00	90.09	67.40	3023.16	2868.16	2052.51	2140.22	6464376.630	572819.550	N58 18 46.7585	W1 45 25.9407	1.89	2953.53	
5234.00	90.43	67.90	3022.72	2867.72	2089.01	2229.01	6464387.760	572846.600	N58 18 47.1019	W1 45 24.2663	0.63	3044.38	
5325.00	90.46	67.30	3022.01	2867.01	2123.69	2313.14	6464398.320	572872.240	N58 18 47.4281	W1 45 22.6798	0.66	3130.52	
5385.00	89.83	67.12	3021.86	2866.86	2146.93	2368.45	6464405.410	572889.090	N58 18 47.6470	W1 45 21.6365	1.09	3187.45	
5426.00	89.40	67.00	3022.14	2867.14	2162.91	2406.21	6464410.270	572900.600	N58 18 47.7975	W1 45 20.9243	1.09	3226.38	
5522.00	88.11	67.60	3024.22	2869.22	2199.95	2494.75	6464421.560	572927.570	N58 18 48.1462	W1 45 19.2544	1.48	3317.39	
5597.00	87.77	67.10	3026.92	2871.92	2228.81	2563.92	6464430.350	572948.650	N58 18 48.4179	W1 45 17.9498	0.81	3388.45	