



VELOCITY DATA PTY LTD

WELL SURVEY CALCULATIONS Page 4

Company : BEACH PETROLEUM N.L.
 Well : IONA #1
 Elevations : Datum : 0.0 Ground : 126.5 Kelly : 131.4

Latitude : 038 34 30.46 S
 Longitude : 143 01 57.33 E

Survey date : 18-MAR-88
 Survey units : METRES
 Times in milliseconds.

SONIC CALIBRATION

Geophone depth Kelly ---- Datum		Interval Distance	Original sonic times Interval -- Cumulative		Adjusted sonic times Interval -- Calibrated		----- Velocities ----- Average -- RMS -- Interval		
DATUM (SEA LEVEL)									
131.4	0.0								
243.5	112.1	112.1							1819.8
281.9	150.5	38.4						1819.8	1819.8
335.0	203.6	53.1	24.5		24.1			1842.1	1842.5
481.3	349.9	146.3	67.0	24.5	67.7	105.8		1924.4	1930.6
545.0	413.6	63.7	26.6	91.5	27.6	173.5		2016.7	2023.7
609.9	478.5	64.9	26.4	118.1	26.0	201.1		2056.7	2065.0
659.9	528.5	50.0	17.4	144.5	18.0	227.1		2107.0	2118.8
874.0	742.6	214.1	83.9	161.9	84.1	245.1		2156.3	2174.0
916.5	785.1	42.5	16.8	245.8	16.0	329.2		2255.8	2274.8
972.9	841.5	56.4	22.8	262.6	23.0	345.2		2274.3	2293.9
1068.0	936.6	95.1	36.1	285.4	34.0	368.2		2285.4	2304.1
1138.1	1006.7	70.1	25.0	321.5	24.0	402.2		2328.7	2349.7
1235.0	1103.6	96.9	35.0	346.5	36.0	426.2		2362.0	2385.5
1275.0	1143.6	40.0	14.9	381.5	17.0	462.2		2387.7	2410.8
1298.0	1166.6	23.0	7.3	396.4	6.5	479.2		2386.5	2408.7
1310.9	1179.5	12.9	4.9	403.7	4.3	485.7		2401.9	2427.3
1326.8	1195.4	15.9	5.8	408.6	6.2	490.0		2407.1	2433.0
1377.1	1245.7	50.3	16.6	414.4	16.5	496.2		2409.1	2434.6
1409.1	1277.7	32.0	10.2	431.0	10.0	512.7		2429.7	2456.8
1456.9	1325.5	47.8	15.7	441.2	16.0	522.7		2444.4	2473.1
1488.0	1356.6	31.1		456.9		538.7		2460.6	2489.9