DEPT. NAT. RES & ENV
PE905711

VELOCITY DATA PTY LTD — WELL SURVEY CALCULATIONS

Company : BEACH PETROLEUM N. L.
Well : CALISTA #1
Elevations : Datum : 0.0 Ground : 77.0 Kelly : 81.9

Latitude : 038 28 00
Longitude : 142 50 13

Survey date : 06-APR-88
Survey units : METRES
Times in milliseconds.

SONIC CALIBRATION

	Geophone depth Kelly	Geophone depth Datum	Interval Distance	Original sonic times Interval	Original sonic times Cumulative	Adjusted sonic times Interval	Adjusted sonic times Calibrated	Velocities Average	Velocities RMS	Velocities Interval
DATUM										
	81.9	0.0								
			94.9							2023.5
	176.8	94.9						2023.5	2023.5	
			122.2							1857.1
	299.0	217.1						1926.4	1928.1	
			203.0							1988.2
	502.0	420.1						1955.8	1956.9	
			43.9	19.5		18.1				2425.4
	545.9	464.0			19.5		232.9	1992.3	1997.3	
			153.9	59.7		59.5				2586.6
	699.8	617.9			79.2		292.4	2113.2	2130.4	
			101.2	40.5		40.5				2498.8
	801.0	719.1			119.7		332.9	2160.1	2178.6	
			75.0	28.6		28.0				2678.6
	876.0	794.1			148.3		360.9	2200.3	2221.4	
			43.9	16.6		16.3				2693.3
	919.9	838.0			164.9		377.2	2221.6	2243.8	
			35.0	11.9		12.2				2868.9
	954.9	873.0			176.8		389.4	2241.9	2266.0	
			118.0	44.3		44.0				2681.8
	1072.9	991.0			221.1		433.4	2286.6	2311.7	
			84.1	29.6		29.0				2900.0
	1157.0	1075.1			250.7		462.4	2325.0	2352.9	
			104.9	37.0		38.5				2724.7
	1261.9	1180.0			287.7		500.9	2355.8	2383.5	
			107.0	36.6		37.0				2891.9
	1368.9	1287.0			324.3		537.9	2392.6	2421.9	
			210.9	67.5		63.1				3342.3
	1579.8	1497.9			391.8		601.0	2492.3	2534.3	
			28.0	9.9		9.5				2947.4
	1607.8	1525.9			401.7		610.5	2499.4	2541.2	
			29.0	9.1		9.5				3052.6
	1636.8	1554.9			410.8		620.0	2507.9	2549.9	
			35.9	11.6		12.0				2991.7
	1672.7	1590.8			422.4		632.0	2517.1	2559.0	
			24.1	7.4		8.0				3012.5
	1696.8	1614.9			429.8		640.0	2523.3	2565.1	
			100.9	30.2		33.5				3011.9
	1797.7	1715.8			460.0		673.5	2547.6	2589.2	