



VELOCITY DATA PTY LTD

WELL SURVEY CALCULATIONS Page 3

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 DRIFT

Geophone depth		Check shot times		Check shot interval		Sonic Int. time	Interval sonic drift		Cumulative drift msec
Kelly ----	Datum	Average	Below datum	Distance --	Time		usec/m	--- msec	
DATUM (SEA LEVEL)									
131.4	0.0	84.0	0.0	112.1	61.6				
243.5	112.1	145.6	61.6	38.4	20.1				
281.9	150.5	165.7	81.7	53.1	24.1	24.5	-7.53	-0.4	-0.4
335.0	203.6	189.8	105.8	146.3	67.7	67.0	4.78	0.7	0.3
481.3	349.9	257.5	173.5	63.7	27.6	26.6	15.70	1.0	1.3
545.0	413.6	285.1	201.1	64.9	26.0	26.4	-6.16	-0.4	0.9
609.9	478.5	311.1	227.1	50.0	18.0	17.4	12.00	0.6	1.5
659.9	528.5	329.1	245.1	214.1	84.1	83.9	0.93	0.2	1.7
874.0	742.6	413.2	329.2	42.5	16.0	16.8	-18.82	-0.8	0.9
916.5	785.1	429.2	345.2	56.4	23.0	22.8	3.55	0.2	1.1
972.9	841.5	452.2	368.2	95.1	34.0	36.1	-22.08	-2.1	-1.0
1068.0	936.6	486.2	402.2	70.1	24.0	25.0	-14.27	-1.0	-2.0
1138.1	1006.7	510.2	426.2	96.9	36.0	35.0	10.32	1.0	-1.0
1235.0	1103.6	546.2	462.2	40.0	17.0	14.9	52.50	2.1	1.1
1275.0	1143.6	563.2	479.2	23.0	6.5	7.3	-34.78	-0.8	0.3
1298.0	1166.6	569.7	485.7	12.9	4.3	4.9	-46.51	-0.6	-0.3
1310.9	1179.5	574.0	490.0	15.9	6.2	5.8	25.16	0.4	0.1
1326.8	1195.4	580.2	496.2	50.3	16.5	16.6	-1.99	-0.1	0.0
1377.1	1245.7	596.7	512.7	32.0	10.0	10.2	-6.25	-0.2	-0.2
1409.1	1277.7	606.7	522.7	47.8	16.0	15.7	6.28	0.3	0.1
1456.9	1325.5	622.7	538.7	31.1	8.1				
1488.0	1356.6	630.8	546.8						