



VELOCITY DATA PTY LTD

WELL SURVEY CALCULATIONS Page 3

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 DRIFT

Geophone depth		Check shot times		Check shot interval		Sonic	Interval sonic drift		Cumulative
Kelly	Datum	Average	Below datum	Distance	Time	Int. time	usec/m	--- msec	drift msec
DATUM									
81.9	0.0	45.6	0.0						
176.8	94.9	92.5	46.9	94.9	46.9				
299.0	217.1	158.3	112.7	122.2	65.8				
502.0	420.1	260.4	214.8	203.0	102.1				
545.9	464.0	278.5	232.9	43.9	18.1	19.5	-31.89	-1.4	-1.4
699.8	617.9	338.0	292.4	153.9	59.5	59.7	-1.30	-0.2	-1.6
801.0	719.1	378.5	332.9	101.2	40.5	40.5	0.00	0.0	-1.6
876.0	794.1	406.5	360.9	75.0	28.0	28.6	-8.00	-0.6	-2.2
919.9	838.0	422.8	377.2	43.9	16.3	16.6	-6.83	-0.3	-2.5
954.9	873.0	435.0	389.4	35.0	12.2	11.9	8.57	0.3	-2.2
1072.9	991.0	479.0	433.4	118.0	44.0	44.3	-2.54	-0.3	-2.5
1157.0	1075.1	508.0	462.4	84.1	29.0	29.6	-7.13	-0.6	-3.1
1261.9	1180.0	546.5	500.9	104.9	38.5	37.0	14.30	1.5	-1.6
1368.9	1287.0	583.5	537.9	107.0	37.0	36.6	3.74	0.4	-1.2
1579.8	1497.9	646.6	601.0	210.9	63.1	67.5	-20.86	-4.4	-5.6
1607.8	1525.9	656.1	610.5	28.0	9.5	9.9	-14.29	-0.4	-6.0
1636.8	1554.9	665.6	620.0	29.0	9.5	9.1	13.79	0.4	-5.6
1672.7	1590.8	677.6	632.0	35.9	12.0	11.6	11.14	0.4	-5.2
1696.8	1614.9	685.6	640.0	24.1	8.0	7.4	24.90	0.6	-4.6
1797.7	1715.8	719.1	673.5	100.9	33.5	30.2	32.71	3.3	-1.3