



**VELSEIS PTY LTD**

**WELL SURVEY CALCULATIONS Page 6**

Company : GAS AND FUEL EXPLORATION N.L.  
 Well : BOGGY CREEK #1  
 Elevations : Datum : 0.0 Ground : 30.0 Kelly : 34.9

Latitude : 038 31 34.1  
 Longitude : 142 49 28.1

Survey date : 05-JAN-92  
 Survey units : METRES  
 Times in milliseconds.

**SONIC CALIBRATION**

Geophone depth		Interval Distance	Original sonic times		Adjusted sonic times		----- Velocities -----		
Kelly	Datum		Interval	Cumulative	Interval	Calibrated	Average	RMS	Interval
1392.5	1357.6			308.1		561.8	2416.5	2758.3	
<b>BELFAST FM</b>		89.5	27.8		28.4				3151.8
1482.0	1447.1			335.9		590.2	2451.9	2778.5	
		0.5	0.2		0.2				2458.9
1482.5	1447.6			336.1		590.4	2451.9	2778.4	
		145.5	45.7		43.0				3383.7
1628.0	1593.1			381.8		633.4	2515.2	2823.6	
		30.0	10.3		12.1				2484.9
<b>WAARRE FM</b>				392.1		645.5	2514.6	2817.6	
1658.0	1623.1			392.1		645.5	2514.6	2817.6	
		14.0	4.1		4.9				2841.3
1672.0	1637.1			396.2		650.4	2517.1	2817.8	
		45.5	14.3		14.0				3250.0
1717.5	1682.6			410.5		664.4	2532.5	2827.6	
		21.0	6.4		7.0				3000.0
1738.5	1703.6			416.9		671.4	2537.4	2829.5	
		3.0	0.9		0.9				3442.7
<b>EMERALLA</b>				417.8		672.3	2538.6	2830.3	
1741.5	1706.6			417.8		672.3	2538.6	2830.3	
		60.0	16.3		15.7				3814.7
1801.5	1766.6			434.1		688.0	2567.7	2856.6	
		78.5	22.0		21.5				3651.2
1860.0	1845.1			456.1		709.5	2600.6	2883.9	
		20.0	4.9		4.9				4081.6
<b>TOTAL DEPTH</b>				461.0		714.4	2610.7	2893.8	
1900.0	1865.1			461.0		714.4	2610.7	2893.8	