



VELSEIS PTY LTD

WELL SURVEY CALCULATIONS Page 1

Company : GAS AND FUEL EXPLORATION N.L.
Well : BOGGY CREEK #1

Latitude : 038 31 34.1
Longitude : 142 49 28.1

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

Elevations : Datum : 0.0 Ground : 30.0 Kelly : 34.9

Rig identification : GEARHART

Energy source : AN60

Logger :

Near surface velocity

for shot statics: 775

Instrument delay: 4.0 ms

Shot data : Location Elevation Offset
A 30.0 4.0
B 30.0 15.0
C 30.0 30.0
D 30.0 60.0

SHOT CALCULATIONS

Shot No	Geophone depth		Shot Locn	Shot Depth	TIMES				Check shot interval		Velocities		
	Kelly	Datum			Record	Corr.	Avg.	Below datum	Distance	Time	Average	RMS	Interval
DATUM													
3	34.9	0.0	A	0.5	22.0	22.5							
4	34.9	0.0	B	0.5	24.0	22.5							
6	34.9	0.0	C	0.5	30.0	22.9							
	34.9	0.0	D	4.0	40.0	23.5	22.8	0.0					
30	115.0	80.1	D	4.0	67.0	64.0	64.0	41.2	80.1	41.2	1944.2	1944.2	1944.2
28	349.0	314.1	D	4.0	187.5	189.9	189.9	167.1	234.0	125.9	1879.7	1880.1	1858.6
									92.0	45.1			2039.9
CLIFTON FM													
27	441.0	406.1	D	4.0	232.0	235.0	235.0	212.2			1913.8	1915.2	
									99.0	43.4			2281.1
MEPUNGA FM													
26	540.0	505.1	D	4.0	275.0	278.4	278.4	255.6			1976.1	1982.1	
25	570.0	535.1	D	4.0	287.5	291.1	291.1	268.3	30.0	12.7	1994.4	2001.7	2362.2
24	735.0	700.1	D	4.0	354.0	358.0	358.0	335.2	165.0	66.9	2088.6	2102.6	2466.4
7	852.5	817.6	D	4.0	396.5	400.7	400.7	377.9	117.5	42.7	2088.6	2102.6	2751.8
22	904.0	869.1	D	4.0	414.0	418.2	418.2	395.4	51.5	17.5	2163.5	2185.7	2942.9
21	969.0	934.1	D	4.0	436.0	440.3	440.3	417.5	65.0	22.1	2198.0	2224.6	2941.2
7	1110.0	1075.1	D	4.0	487.0	491.4			141.0	50.6	2237.4	2268.3	2786.6
20	1110.0	1075.1	D	4.0	486.0	490.4	490.9	468.1			2296.7	2329.8	
19	1203.0	1168.1	D	4.0	517.0	521.5	521.5	498.7	93.0	30.6	2342.3	2379.5	3039.2
18	1350.0	1315.1	D	4.0	564.5	569.1	569.1	546.3	147.0	47.6	2407.3	2449.4	3088.2
17	1392.5	1357.6	D	4.0	580.0	584.6	584.6	561.8	42.5	15.5	2416.5	2457.9	2741.9
16	1482.5	1447.6	D	4.0	608.5	613.2	613.2	590.4	90.0	28.6	2451.9	2495.7	3146.9
15	1588.0	1553.1	D	4.0	640.5	645.2	N/U		145.5	43.0			3383.7
14	1628.0	1593.1	D	4.0	651.5	656.2	656.2	633.4			2515.2	2565.7	