

Enclosure 4



**PHILLIPS
PETROLEUM
COMPANY
FAR EAST
SYNTHETIC
SEISMOGRAM**

WELL: PHILLIPS AUSTRALIA
ATHENE #1 SYNTHETIC SEISMOGRAM REPORT

LOCATION: GIPPSLAND BASIN
S 38° 35' 52.188"
E 148° 27' 20.628" LINE G72A-501
SP 1809

SYNSEIS DATUM: MSL

CHECK SHOTS:

DEPTH (RKB)	TIME (MSL)	DEPTH (RKB)	TIME (MSL)
23	0	2100	1544
850	837	2175	1584
980	925	2270	1638
1200	1069	2470	1772
1290	1124	2550	1830
1400	1184	2630	1884
1500	1236	2715	1942
1600	1286	2745	1962
1715	1346	2782	1986
1800	1390	2938	2076
1900	1440	3020	2124
2000	1492		

WAVELET: BUTTERWORTH BANDPASS

FREQUENCY: 7-10-40-57 HZ

PHASE: ZERO

COMMENTS:
GARDNER'S EQ. USED FOR DENSITY ABOVE 2270 M.
GAIN APPLIED WITH 'LEVEL' FUNCTION OF SGS.
CHECKSHOT CORRECTION SMOOTHED WITH
4th ORDER TREND TO AVOID INTRODUCTION
OF ERRONEOUS REFLECTION COEFFICIENTS

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SEISMIC
STRATIGRAPHY
SECTION
SINGAPORE

