



PE601774



SEISMOGRAPH SERVICE (ENGLAND) LTD.

COMPANY : PHILLIPS AUSTRALIAN OIL COMPANY

WELL : HELIOS No.1

OIL and GAS DIVISION

SYNTHETIC SEISMOGRAM

0 1 MAR 1983

SURFACE REFLECTION COEFFICIENT OF 0.18
 INCREASE IN ACOUSTIC IMPEDANCE REPRESENTED BY BLACK PEAK
 TIME SCALE: 1S = 5 cm

CONVOLUTION WITH A 25HZ ZERO PHASE RICKER WAVELET
 AND THE FOLLOWING TIME VARIANT BAND PASS FILTER
 AT WB + 1.2 S 8/15 - 55/65 HZ
 AT WB + 1.5 S 5/10 - 50/60 HZ
 AT WB + 1.8 S 3/5 - 45/55 HZ
 AT WB + 2.4 S 3/5 - 40/50 HZ
 LINEAR OVERLAP BETWEEN FILTERS

CONVOLUTION WITH A 25HZ MINIMUM PHASE RICKER WAVELET
 AND THE FOLLOWING TIME VARIANT BAND PASS FILTER
 AT WB + 1.2 S 8/15 - 55/65 HZ
 AT WB + 1.5 S 5/10 - 50/60 HZ
 AT WB + 1.8 S 3/5 - 45/55 HZ
 AT WB + 2.4 S 3/5 - 40/50 HZ
 LINEAR OVERLAP BETWEEN FILTERS

