

WELL : MUDSKIPPER-1
 LOCATION : 038° 54' 31.500 S
 148° 07' 55.800 E
 COMPANY : PETROFINA EXPLORATION
 AUSTRALIA S.A.

SYNTHETIC SEISMOGRAM (MARINE)
 CONVOLVED RESPONSES (ZERO PHASE)

DATA PARAMETERS
 PRINCIPAL DATA
 SUPPLEMENTARY DATA
 SEISMIC SECTION
 LOG DATA DIGITIZING
 SOURCE TYPE
 DEPTH
 SYNTHETIC TIME-LAYER INTERVAL
 TWO-WAY TIME SCALE
 DATUM DEPTH
 SURFACE REFLECTION COEFFICIENT
 POLARITY

• CALIBRATED SONIC LOG
 DENSITY LOG
 GF88C-19
 CONTINUOUSLY IN DEPTH
 VSX SLEEVE GUNS
 6 M
 2MS TWO-WAY
 NON-LINEAR IN METRES
 20 CM/SEC
 MSL
 101 M
 UNIFORM IN ACOUSTIC IMPEDANCE
 REPRESENTED BY A WHITE TROUGH

VELOCITY MODEL
 DEPTH (M BELOW MSL) VELOCITY (M/S)
 0 301.0 1524.0
 101.0 323.1 2145.1

CONVOLUTION WAVELET
 55 HZ ZERO PHASE RICKER & THE FOLLOWING TIME VARIANT FILTER :
 0.0 S 30 HZ 8 DB/OCT
 AT 2.0 S 54 HZ 72 DB/OCT
 AT LINEAR OVERLAP BETWEEN FILTERS

REMARKS
 THE REFLECTION COEFFICIENTS GENERATED AT THE TOP OF THE RECORDED LOG ARE CONSIDERED UNRELIABLE AND HAVE NOT BEEN INCLUDED IN THE PRODUCTION OF THE SYNTHETIC SEISMOGRAM

SEISMOGRAPH SERVICE - BOREHOLE GEOPHYSICS DIVISION

