



BISMARCK PETROLEUM SERVICES LTD.

COMPANY: UNION TEXAS AUSTRALIA, INC.

WELL : PISCES No. 1

SYNTHETIC SEISMOGRAM

SURFACE REFLECTION COEFFICIENT OF 0.18
INCREASE IN ACOUSTIC IMPEDANCE REPRESENTED BY WHITE TROUGH
TIME SCALE: 1S = 3.75 in

CONVOLUTION WITH A ZERO PHASE 30 HZ RICKER WAVELET
AND THE FOLLOWING ZERO PHASE BAND PASS TIME VARIANT FILTER
AT 0.16 S 15 - 65 HZ
AT 0.56 S 13 - 65 HZ
AT 1.16 S 12 - 55 HZ
LINEAR OVERLAP BETWEEN FILTERS

CONVOLUTION WITH A MINIMUM PHASE 30 HZ RICKER WAVELET
AND THE FOLLOWING ZERO PHASE BAND PASS TIME VARIANT FILTER
AT 0.16 S 15 - 65 HZ
AT 0.56 S 13 - 65 HZ
AT 1.16 S 12 - 55 HZ
LINEAR OVERLAP BETWEEN FILTERS

