

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

> VERTICAL SEISMIC PROFILE <
 DISPLAY VB2
 DOWNGOING WAVEFIELD
 ZERO PHASE SEISMIC MATCH FILTER
 POLARITIES SEG NORMAL & SEG REVERSE

TIME SCALE : 20 CM/S
 DEPTH SCALE : 1:10000
 DATE PROCESSED : JULY 1990

FIELD ACQUISITION

SURVEY DATE : JUNE 1990
 SOURCE : AIRGUN
 SOURCE DEPTH : 5.0 M BELOW MSL
 SOURCE OFFSET : 60.8 M
 SOURCE DIRECTION : 170 DEG N
 SOURCE MONITOR : NEAR FIELD HYDROPHONE
 MONITOR DEPTH : 10.0 M BELOW MSL
 WELL GEOPHONE : SAT
 RECORDING EQUIPMENT : SCHLUMBERGER CSU
 SAMPLE RATE : 1 MS
 WATER DEPTH : 101.0 M
 VSP DATUM : MSL
 REFERENCE LEVEL : KB AT 27.0 M ABOVE MSL

VSP PROCESSING SEQUENCE

EDIT
 AUTOMATED TRACE ALIGNMENT
 STACK OF CONSTANT DEPTH TRACES
 SOURCE SIGNATURE DECONVOLUTION (330 MS WINDOW)
 AMPLITUDE RECOVERY PROPORTIONAL TO T
 PRELIMINARY BANDPASS FILTER 3,5 - 100, 130 HZ
 FIRST ARRIVALS SHIFTED TO ALIGN AT 0.1 SEC
 DIP FILTER (5 SAMPLE MEDIAN OPERATOR, 0 MS/TRACE DIP)
 POST MEDIAN FILTER 2,4 - 110 140 HZ
 TRACE EQUALISATION (50 MS WINDOW, 25 MS OVERLAP)

POLARITIES - SEG NORMAL & SEG REVERSE

SEISMOGRAPH SERVICE - BOREHOLE GEOPHYSICS DIVISION

