



BOREHOLE

DISPLAY VLI

INTERPRETERS COMPOSITE ZERO PHASE SEISMIC MATCH FILTER RIG SOURCE SURVEY

WELL : SOLE - 2
 COMPANY : OMV AUSTRALIA PTY. LTD.
 UTM WELL COORD. : 5 780 595.42 m N
 676 059.05 m E
 AREA : Permit VIC/RL3
 COUNTRY : AUSTRALIA

POLARITY : SEG NORMAL
 TIME SCALE : 10 CM/S
 DEPTH SCALE : 1:10000
 DATUM : MSL

VSP PROCESSING PARAMETERS

RIG SOURCE SURVEY:

BANDPASS FILTER 5,10 - 100,120 HZ
 WAVEFIELD SEPARATION (1 WAVEFIELD, 5 TRACES)
 DETERMINISTIC DECONVOLUTION (600 MS SIGNAL SEARCH WINDOW)
 SEISMIC MATCH BANDPASS FILTER 5,10 - 40,60 HZ
 DIP FILTER (7 SAMPLE MEDIAN OPERATOR, 0 MS/TR DIP)
 DATA TRANSPOSED WHERE APPLICABLE
 POST MEDIAN FILTER 4,8 - 45,65 HZ

BOREHOLE TRACE

DIP FILTER (5 SAMPLE MEDIAN OPERATOR, 0 MS/TR DIP)
 APPLIED TO TRANSPOSE DATA, THEN FIFTEEN TRACE REPEAT OF TRACE 3
 TRACE EQUALISATION 500 MS

SYNTHETIC SEISMOGRAM PROCESSING DETAILS

SYNTHETIC SEISMOGRAM DERIVED FROM ACOUSTIC IMPEDANCE LOG DETAILS OF THE VELOCITY MODEL USED BETWEEN MEAN SEA LEVEL AND THE TOP OF THE RECORDED LOG MAY BE OBTAINED FROM THE SYNTHETIC SEISMOGRAM REPORT.

ZERO PHASE SEISMIC MATCH BANDPASS FILTER (AS ABOVE).

