

COMPOSITE DISPLAY

Company: ESSO Australia
Well: East Pilchard-1
Field: Exploration
State: VIC
Country: Australia
SRD: MSL
Job Ref No.: DS 801-007

Source Type: Airgun
Offset: 45 m
Azimuth: 140 deg.

Corridor Stack 100 ms corridor
 Increase in Acoustic Impedance is a Peak

Plot # 2 Composite Display (Reversed Polarity)

- Processing Steps:**
- (1) Load Data
 - (2) Edit Bad Records
 - (3) Z Component Median Stack
 - (4) Peak Break Time
 - (5) Bandpass Filter: 5-120 HZ
 - (6) Time Varying Gain : (T/T0)1.2
 - (7) Correction to SRD
 - (8) Wavefield Separation
 (Mean Filter, 9 Levels, 1 Sample)
 - (9) Waveshaping Deconvolution
 (Decon Operator Created by Filtered Unit Impulse, Bandwidth : 5-80 HZ, Filter Length : 2 S)
 - (10) Upgoing Wavefield Enhancement
 (Median Filter, 7 Levels, 1 Sample)
 - (11) Corridor Stack : 0.1 S Window
 (All Traces Except the Deepest 7)

Display Parameters :
 Scale: 20 cm/s
 Normal Polarity: Increase in Acoustic Impedance is a Peak

