

Schlumberger Vertical Seismic Profile
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 Trough

Plot # 1 Composite Display (Normal 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 Trough

