

Vertical Seismic
Profile

**VELOCITY
CROSS PLOT**



Company: Esso Australia Pty Ltd.
Well: Beardie-1
Field: Offshore Exploration
State: VIC
Country: Australia
SRD: MSL
Job Ref No.: DS 0802-003

Source Type: Airgun
Offset: 61 m
Azimuth: 104 deg.

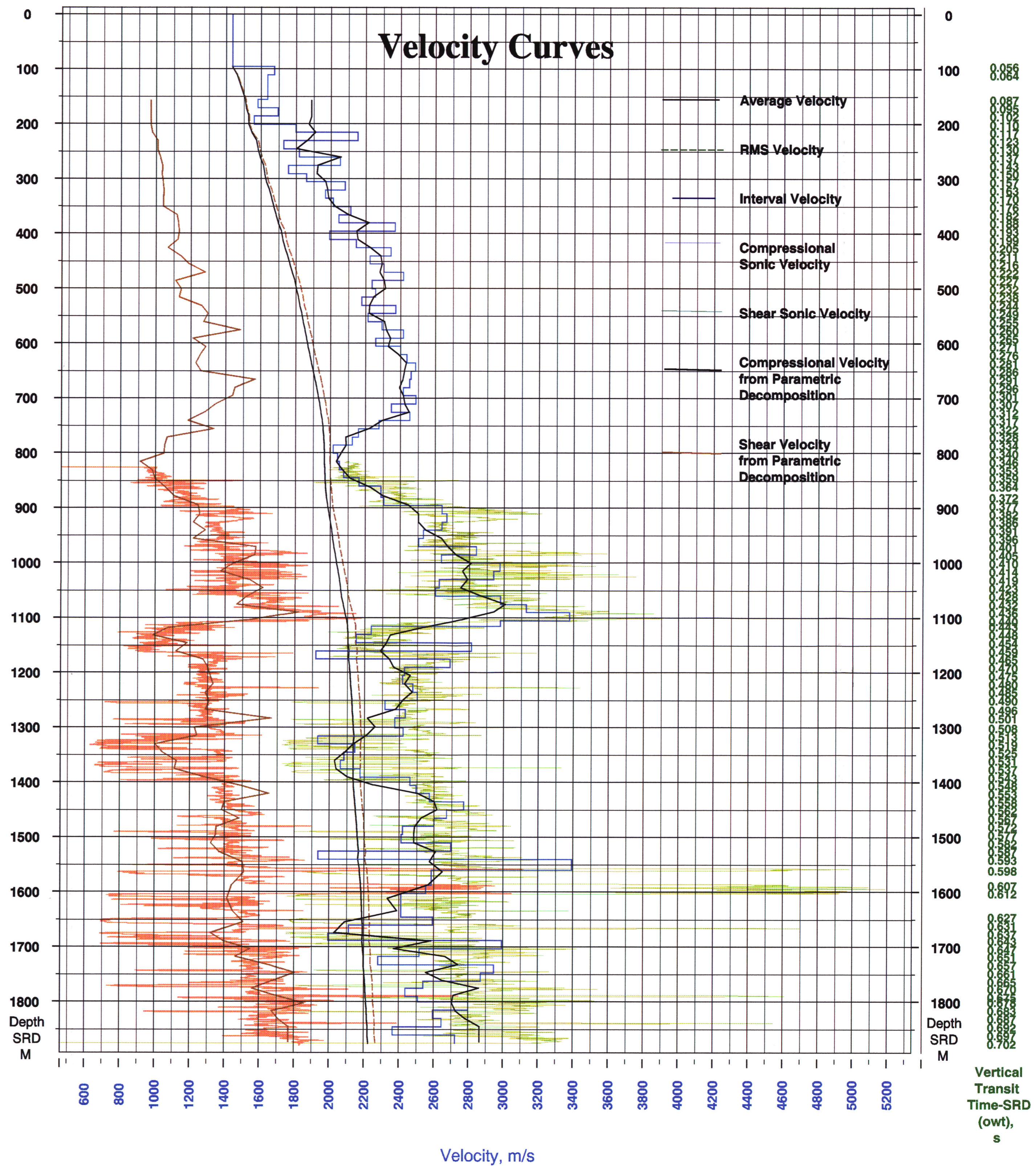
Plot#2 Velocity Crossplot

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) Normalization: RMS to 1,
0.2 S Gate Length
- (7) Time Varying Gain : (T/T0)¹
- (8) Transit Time Correction to SRD
- (9) Wavefield Separation,
(Median Filter, 3 Traces, 1 Sample)
- (10) Waveshaping Deconvolution
(Decon Operator Created by Filtered
Unit Impulse, 5-80 HZ,
Filter Length : 2 S)
- (11) Upgoing Wavefield Enhancement
(Median Filter, 5 Traces, 1 Sample)
- (12) Corridor Stack : 0.1 S Window
(All Traces Except the Deepest 7)

Display Parameters:

Depth Scale: 1:5000
trace offset: Vertical Depth



Vertical
Transit
Time-SRD
(owt),
s