

Composite Display 2

Polarity: Impedance Increase = Peak

Company : Origin Energy Resources  
Well : Yolla-4  
Field : Yolla  
Country : Australia  
State : Offshore Tasmania  
SRD : MSL

Job Ref : DS 0904-11

Correlation Curve

RESISTIVITY

Correlation Curve

GAMMA RAY

Correlation Curve

CALIPER

Correlation Curve

SONIC SLOWNESS

Correlation Curve

DENSITY

SONIC INTERVAL VELOCITY

ACOUSTIC IMPEDANCE

REFLECTION COEFFICIENT

Zero Phase  
Ricker Wavelet  
35 Hz

Multiples Only  
Increase in Acoustic Impedance is a Peak

Zero Phase  
Ricker Wavelet  
35 Hz

Primaries Only with Transmission Losses  
Increase in Acoustic Impedance is a Peak

Zero Phase  
Ricker Wavelet  
35 Hz

Primaries + Multiples  
Increase in Acoustic Impedance is a Peak

Zero Phase  
Ricker Wavelet  
25 Hz

Convolved Reflectivity Series  
Increase in Acoustic Impedance is a Peak

Zero Phase  
Ricker Wavelet  
30 Hz

Convolved Reflectivity Series  
Increase in Acoustic Impedance is a Peak

Zero Phase  
Ricker Wavelet  
35 Hz

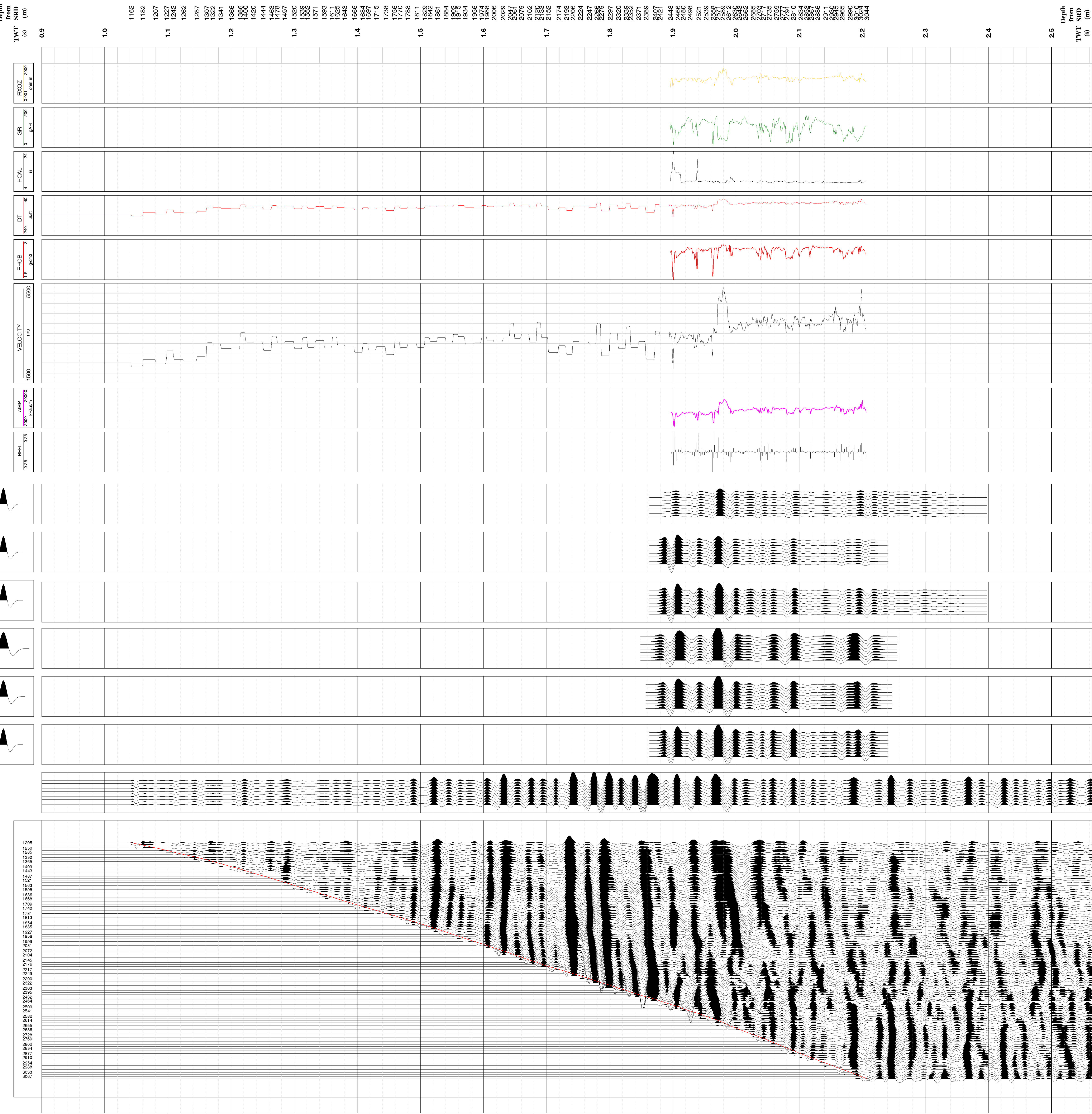
Convolved Reflectivity Series  
Increase in Acoustic Impedance is a Peak

VIVSP  
Corridor Stack

Increase in Acoustic Impedance is a Peak

VIVSP Upgoing

Processing History:  
0/ Load Data  
1/ Edit Bad Records  
2/ Pick Reference Break  
3/ Z Component Median Stack  
4/ Geophone Transform  
5/ Pick Break Time  
6/ Survey Geometry + SRD Correction  
7/ Bandpass Filter 5-95 Hz  
8/ Rotation to V and H components  
9/ Signature Deconvolution: PDN, Gap 55ms, Window 0.85 s  
10/ Geometrical Spreading Correction: Exponent 1.56  
11/ RMS Normalization: Window 200 ms  
12/ Wavefield Separation: Velocity Filter 11x1 Tri Mean  
13/ Waveshaping Deconvolution: 5/60 Hz Zero Phase / 0.5 s  
14/ Upgoing Enhancement: Velocity Filter 7x3 Tri Mean  
15/ Shift to Two Way Time  
16/ Corridor Stack: 100 ms Window + Deepest 8 Traces  
17/ Sonic Editing  
18/ Sonic Calibration  
  
Display Parameters:  
Scale: 40 cm/s  
Polarity: Increase in Acoustic Impedance is a Peak



Composite Display

Surface Seismic  
Line Yolla-2 to Yolla-4  
Well location: Offset 0  
X(398905m), Y(558822m)

(a)  
VIVSP Upgoing Wavefield  
29 ms Time Shifted Down  
Offset Regularised 12.5 m

(b)  
VIVSP Corridor Stack  
(along well bore)  
29 ms Time Shifted Down  
Offset Regularised 12.5 m

Display Parameters:  
Scale: 40 cm/s  
Polarity: Increase in Acoustic Impedance is a Peak

