

Schlumberger

VSP-D
GEOGRAM

Composite Display 1B

Normal Polarity

Company

: Origin Energy Resources

Well

: Rockhopper-1 ST1

Field

: Rockhopper

Country

: Australia

State

: Offshore TAS

SRD

: LAT

Job Ref

: DS 0110-04

Correlation Curve

RESISTIVITY

Correlation Curve

GAMMA RAY

Correlation Curve

CALIPER

Correlation Curve

DENSITY

SONIC INTERVAL VELOCITY

ACOUSTIC IMPEDANCE

REFLECTION COEFFICIENT

Zero Phase
Ricker Wavelet
45 Hz

Multiples Only

Zero Phase
Ricker Wavelet
45 Hz

Primaries Only with Transmission Losses

Zero Phase
Ricker Wavelet
45 Hz

Primaries + Multiples

Zero Phase
Ricker Wavelet
25 Hz

Convolved Reflectivity Series

Zero Phase
Ricker Wavelet
35 Hz

Convolved Reflectivity Series

Zero Phase
Ricker Wavelet
45 Hz

Convolved Reflectivity Series

VSP

VSP Deconvolved Upgoing P Wavefield

(in Model based NMO Corrected TWT)

Deviated well Rig Source VSP survey

Showing Equi-Offset Contourlines

Display Parameters:

Scale: 40 cm/s

Normal Polarity: Increase in Acoustic Impedance is a Trough

VSP Combined Image TWT

Rockhopper-1 ST1 VSP - Corridor Stack

Combined Rockhopper-1 and Rockhopper-1 ST1
VSP GRT Migration
(B&W) Incl. spliced Corridor Stack

Rockhopper-1 VSP - Corridor Stack

VSP Combined Image TWT

VSP Combined GRT Migration Image
(Color) Incl. Spliced Corridor Stack

Surface Seismic Section along Well trajectory (N-S)

No time shifts applied

Display Parameters:

Scale: 40 cm/s

Normal Polarity: Increase in Acoustic Impedance is a Trough

