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COMPANY : JAMSTEC
WELL : C0024A

PLOT
ZERO OFFSET VSP - CORRIDOR STACK AND SURFACE SEISMIC
ENHANCED UPGOING WAVEFIELD AFTER WAVESHAPE DECONVOLUTION,
VSP CORRIDOR STACK AND SURFACE SEISMIC SECTION

WELL INFORMATION

WELL LOCATION : X=367159.78 m Y=3656517.23 m
WELL TYPE : Deviated
KB ELEVATION : 28.5 m above MSL
DF ELEVATION : 28.5 m above MSL
PERMANENT DATUM : MSL
LOGGING DATUM : DF

Reference Datum : MSL
Water Velocity : 1530.00 ms

ACQUISITION INFORMATION

LOGGING DATE : 10-Mar-2019
SOURCE TYPE : Air Gun
NUMBER OF SOURCE : Six C-Guns cluster
DEPTH OF SOURCE : 33.92 m below DF
DEPTH OF SENSOR : 35.17 m below DF
SOURCE OFFSET : 57 m
SOURCE AZIMUTH : 37.1 Degree North
TOOL TYPE : seismicVISION
GEOPHONE TYPE : Hydrophone
SAMPLE RATE : 1ms
NUMBER OF LEVELS : 36/38/84 m - 62/157m DF

Corridor Stack
Polarity: Reverse
BPF: 10 - 90 Hz

PROCESSING INFORMATION

- 01 Shot Editing & Median Stacking
- 02 Time Picking & Median Spectra
- 03 Frequency Spectrum analysis
- 04 Bandpass Filter (10-100 Hz)
- 05 True Amplitude Recovery (Exponent 1.71)
- 06 Static Correction to MSL
- 07 Wavefield Separation Down (Median Velocity Filter 13 levels) and Up (Median Velocity Filter 11 levels)
- 08 Waveshape Deconvolution (Zero Phase, 10-90 Hz)
- 09 Upgoing Wavefield Enhancement (Median Velocity Filter 3 levels)
- 10 Corridor Stack (Corridor Window: 50 ms) & AGC 500 ms

POLARITY CONVENTION

Normal Polarity:
Time Scale: 20 cm/sec

An increase in Acoustic Impedance is displayed as a White Trough

SURFACE SEISMIC DATA
In-line 2437
POLARITY as provided

CORRIDOR STACK WITHOUT AGC
ZERO PHASE 10-90 Hz
REVERSE POLARITY

Wellhead

36585473 6671145
36585475 6671126
36585606 6671083
36585608 6671052
36585705 667070
36585738 667033
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