



*Techlog Processed Interpretation

SonicScope Processed MLLP DTCC

C0019F

6926 - 6996m (MD 1:200)

* A Mark of Schlumberger

COMPANY: JAMSTEC
WELL: C0019F
FIELD: C0019/C0026
PREFECTURE: Miyagi
COUNTRY: Japan

Date Processed: 19-Sep-2024 Date Logged: 15-Sep-2024

Job Number: JPI-2024-006 Processed at: JPI

Well Location: C0019/C0026

Latitude: 37° 56' 20.989" N Longitude: 143° 54' 47.844"

Elevation: KB: 0 DF: 28.50 m GL: -6898 m

FOLD HERE: The well name, location and borehole reference data were furnished by the customer.

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Svc. Order #: Location:	Interpretation Center: Techlog Vers: 2022.2.2	Analyst: Lingdan Xia
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Remarks:

- This is 8.5in section drilling pass processed SonicScope compressional slowness.
- Data presented is Recorded Mode data acquired while drilling.
- Permanent Datum: Mean Sea Level, Logging Measured from Drill Floor.
- The objective of SonicScope is to measure formation slowness.
- Frequency filter is arranged to enhance formation compressional signal
- Leaky-P signal in Monopole low frequency receiver mode is applied to process formation compressional slowness log
- Zoned processing parameter is applied (please see below table for more detail)

Processing parameters summary

Monopole Low Leaky-P#2

Borehole status: Open hole	Bit size: 8.5 in	Energy threshold: 1 Pa
Energy threshold option: All constant energy	Filter length: 41	Filter band high: 4600 Hz
Filter band low: 2000 Hz	Filter type: Static filter	Formation bulk density: 2.3 g/cm3
Formation type: Intermediate	Average hole size: 8.5 in	Leaky-P: Yes
Dispersion file mode: Vp/Vs Based	Receiver/transmitter/DBHC mode: Receiver mode	Mud slowness: 200 us/ft
Mud density: 1.03 g/cm3	Mud type: WBM	Multishot NRSA: 7
Search band offset: 1000 us	Search band width: 3000 us	Semblance threshold: 0.35
Slowness lower limit: 40 us/ft	Slowness step: 2 us/ft	STC stacking: Yes
Stacked frames: 3	Slowness upper limit: 340 us/ft	Slowness width: 20 us/ft
Compute SFA: Yes	Max frequency: 12000 Hz	Min frequency: 0 Hz
Normalization factor: 1	Model order: 2	Matching tolerance: 50
Time lower limit: 1500 us	Compressional lower limit: 56.7 us/ft	Compressional upper limit: 127.5 us/ft
Shear lower limit: 80 us/ft	Shear upper limit: 540 us/ft	Time step: 320 us
Time upper limit: 5760 us	Time width: 2250 us	Integration time window: 960 us
Average Vp/Vs ratio: 2	Waveform: WFA_MLT	Reference receiver: 6
Receiver selection: R1;R2;R3;R4;R5;R6;R7;R8;R9;R10;R11;R12		







