



*Techlog Processed Interpretation

SonicScope Processed MLLP DTCO

C0019F

6926 - 6996m (MD 1:500)

* 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

Date Logged: 15-Sep-2024

Job Number: JPJ-2024-006

Processed at: JP

Well Location: C0019/C0026

altitude: 37° 56' 20.989" N

Longitude: 143° 54' 47.844"

Elevation

 $\langle B \rangle = 0$

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

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
 Energy threshold option: All constant energy
 Filter band low: 2000 Hz
 Formation type: Intermediate
 Dispersion file mode: Vp/Vs Based
 Mud density: 1.03 g/cm3
 Search band offset: 1000 us
 Slowness lower limit: 40 us/ft
 Stacked frames: 3
 Compute SFA: Yes
 Normalization factor: 1
 Time lower limit: 1500 us
 Shear lower limit: 80 us/ft
 Time upper limit: 5760 us
 Average Vp/Vs ratio: 2
 Receiver selection: R1;R2;R3;R4;R5;R6;R7;R8;R9;R10;R11;R12

Bit size: 8.5 in
Filter length: 41
Filter type: Static filter
Average hole size: 8.5 in
Receiver/transmitter/DDBHC mode: Receiver mode
Mud type: WBM
Search band width: 3000 us
Slowness step: 2 us/ft
Slowness upper limit: 340 us/ft
Max frequency: 120000 Hz
Model order: 2
Compressional lower limit: 56.7 us/ft
Shear upper limit: 540 us/ft
Time width: 2250 us
Waveform: WFA_MLT

Energy threshold: 1 Pa
Filter band high: 4600 Hz
Formation bulk density: 2.3 g/cm³
Leaky-P: Yes
Mud slowness: 200 us/ft
Multishot NRSA: 7
Semblance threshold: 0.35
STC stacking: Yes
Slowness width: 20 us/ft
Min frequency: 0 Hz
Matching tolerance: 50
Compressional upper limit: 127.5 us/ft
Time step: 320 us
Integration time window: 960 us
Reference receiver: 6

[illegible]

COMPANY: IAMSTEC

WELL : C0010E

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



Date Logged: 15-Sep-2024
Date Processed: 19-Sep-2024
Surface Location: 37° 56' 20.989" N 143° 54' 47.844" E

Elevations: DF: 28.50 m GL: -6898 m
API Number: