

Drilling Mechanic Log

ECD, DHAP, DHAT, Collar RPM

8.5in Real Time Mode, TVDSS 1.500



Company:

JAMSTEC

Well:

C0026A

Field:

C0019/C0026

Rig Name:

The "Deep Sea D/V CHIKYU"

Prefecture:

Miyagi

Country:

Japan

Latitude:

37° 55' 36.12" N

Longitude:

144° 4' 7.68" E

Block:

UWID:

O.1042972.01

Rig Name:

The "Deep Sea D/V CHIKYU"

Rig Type:

Drill ship

FL:

C0019/C0026

FL1:

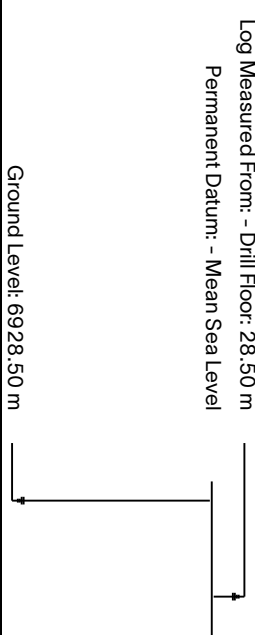
X: 756017.4m

FL2:

Y: 4203068.8m

Log Measured From: - Drill Floor: 28.50 m

Permanent Datum: - Mean Sea Level



Acquisition Dates:

23-Sep-2024 -- 29-Sep-2024

Log Interval:

6957.00mBRT - 7400.44mBRT

Index Types:

SSTVD

Index Scales:

1:500

Depth Source:

Driller's Depth

Depth Sensor:

DES

Print Type:

Final

Spud Date:

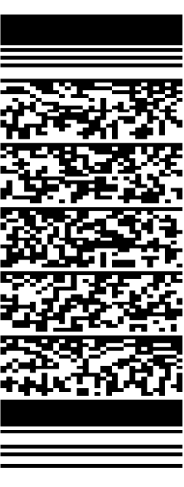
13-Sep-2024

Other Services:

Cont. DNI

TAPWD ECD

Delta-T



Disclaimer

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Well Sketch

Driller Depth
6954.000 m





Borehole Size/Casing Record

Bit						
Bit Size (in)	8.5					
Top Driller (m)	6954					
Bottom Driller (m)	7404					

Operational Run Summary

Parameter (unit)	C0026A_Run 1					
Date Log Started	23-Sep-2024					
Time Log Started	15:00:45					
Date Log Finished	29-Sep-2024					
Time Log Finished	09:39:48					
Bit Size (in)	8.500					
Bit Start Depth (m)	6957.000					
Bit Stop Depth (m)	7405.000					
Top Log Interval (m)	6957.000					
Bottom Log Interval (m)	7400.442					
Max Hole Deviation (deg)	0.36					
Azimuth of Max Deviation (deg)	163.18					
Logging Unit Number	OLU-MAB 20011					
Logging Unit Location	Zone2					
Recorded By	W.Song/Q. Ruan/ N. Sato/K. Kawaguchi					
Witnessed By	A. Wspanialy					
Service Order Number	O.1042972.01					

Borehole Fluids

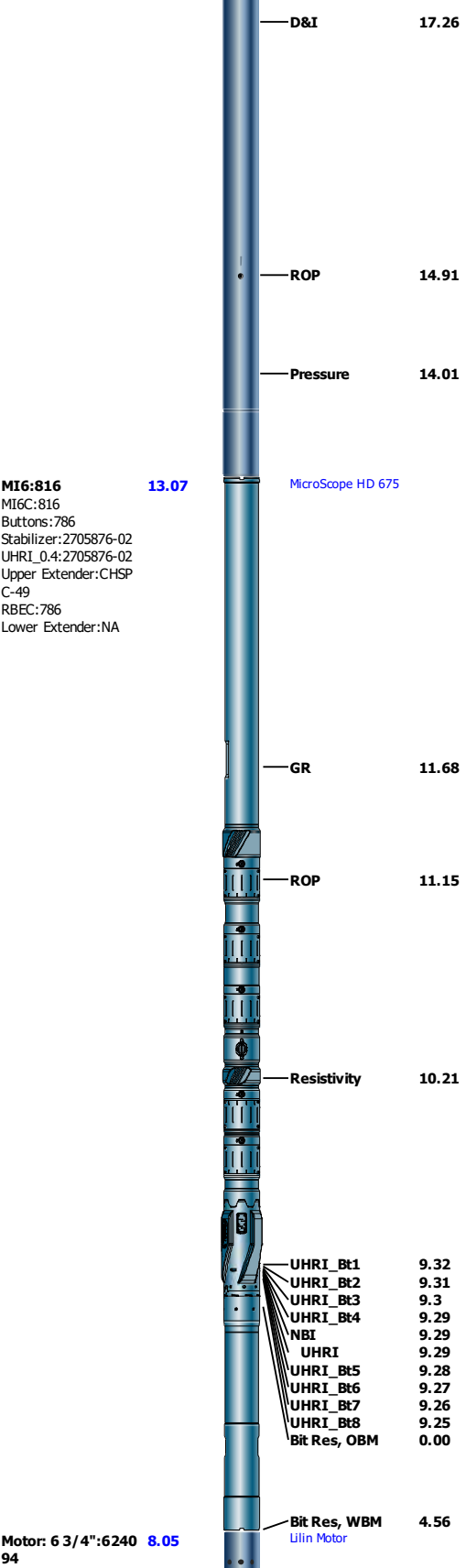
Parameter(unit)	C0026A_Run 1					
Fluid Type	Water					
Fluid Name	Sea Water					
Max Recorded Temperatures (degC)	5					
Source of Sample	Active Tank					
Salinity (ppm)	36776.8					

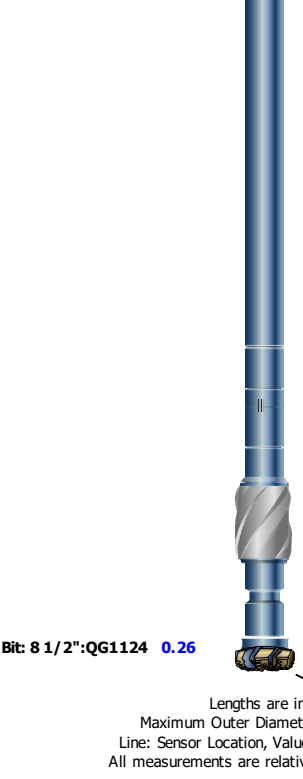
Density (g/cm3)	1.03					
Funnel Viscosity (s)						
Fluid Loss (cm3)						
PH	7					
Source RMF	Calculated					
RMC	Calculated					
RM @ Meas Temp (ohm.m@degC)	0.07 @ 5					
RMF @ Meas Temp (ohm.m@degC)	0.06 @ 5					
RMC @ Meas Temp (ohm.m@degC)	0.11 @ 5					
RM @ BHT (ohm.m@degC)	0.07 @ 5					
RMF @ BHT (ohm.m@degC)	0.06 @ 5					
RMC @ BHT (ohm.m@degC)	0.11 @ 5					
Total Solid (%)						
High Gravity Solids (%)						

Remarks and Equipment Summary

C0026A_Run1: Toolstring				C0026A_Run1: Remarks	
Equip name SONICSCOPE6:H66 Length 31.63  MP name SonicScope Offset	All data presented is from tool's memory and acquired while drilling.				
	Depth reference is driller's depth.				
	Drilling fluid is sea water.				
	MicroScope Gamma Ray is environmentally corrected for bit size, tool size, and mud weight				
	MicroScope Resistivity is borehole compensated and environmentally corrected for bit size and mud resistivity at bottom hole temperature.				
	Record rate for Resistivity from MicroScope is depending on RPM.				
	Drilling log interval: 6957.00mBRT - 7400.44mBRT.				
	Drilling interval: 6957.00mBRT - 7405.00mBRT.				
	Total pumping hours: 86.69hrs. Total drilling hours: 44.24hrs.				
	Reason for Run Ended: 8.5in BHA LIH by stuck pipe.				

PMGD:963
PMEA:4242
MTA:4134
MTK675:0017
APWD:0156
MSSD675:OSSTJ2403-138
Lower Extender, Long
:CHSPC-41





Bit: 8 1/2":QG1124 0.26

Smith PDC

TOOL_ZERO

Lengths are in m
Maximum Outer Diameter = 8.500 in
Line: Sensor Location, Value: Gating Offset
All measurements are relative to TOOL_ZERO

Survey Record

Survey Calculation			
Method :	Minimum Radius of Curvature	DLS Method :	Lubinski
North Reference :	Grid North	Total Correction Formula :	Magnetic Dec - Grid Convergence
Grid Convergence :	1.89 deg		

Rig Location					
Latitude :		37° 55' 36.12" N		Longitude :	
				144° 4' 7.68" E	
Tie In Point					
Measured Depth:	0.000 m	Inclination:	0.00 deg	Azimuth:	0.00 deg
True Vertical Depth:	0.000 m	North Displacement:	0.000 m	East Displacement:	0.000 m
N/-S VSec Origin:	0.000 m	E/-W VSec Origin:	0.000 m	Vertical Section Azimuth:	0.00 deg

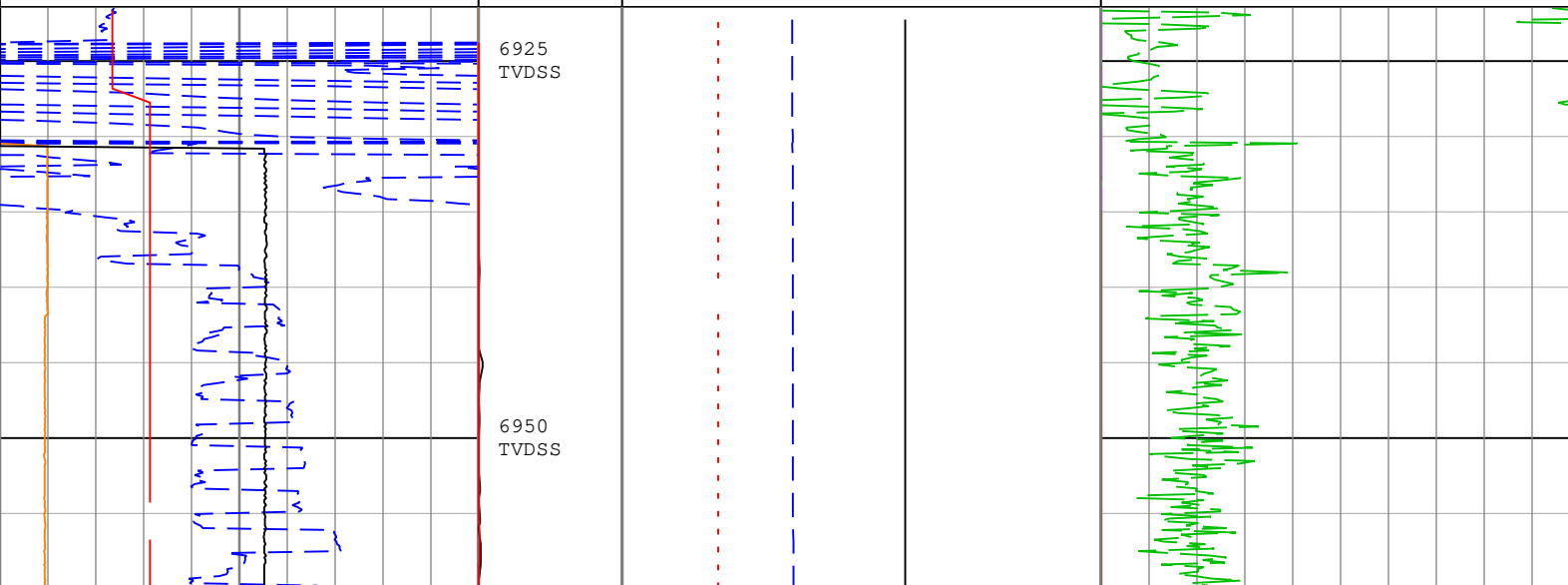
D&I Inits Computed and Values Used - C0026A_Run1			
Geomagnetic Model :	HDGM 2024	Geomagnetic Date :	15-Jul-2024
Computed Location B :	46902.89 nT +/- 300.00nT	Used Location B :	46902.89 nT +/- 300.00nT
Computed Location G :	999.32 mgn +/- 2.50mgn	Used Location G :	999.16 mgn +/- 2.50mgn
Computed Magnetic Dip :	51.49 deg +/- 0.45deg	Used Magnetic Dip :	51.49 deg +/- 0.45deg
Computed Magnetic Dec :	-7.74 deg	Used Magnetic Dec :	-7.74 deg
Computed Total Correction :	-9.63 deg	Used Total Correction :	-9.63 deg

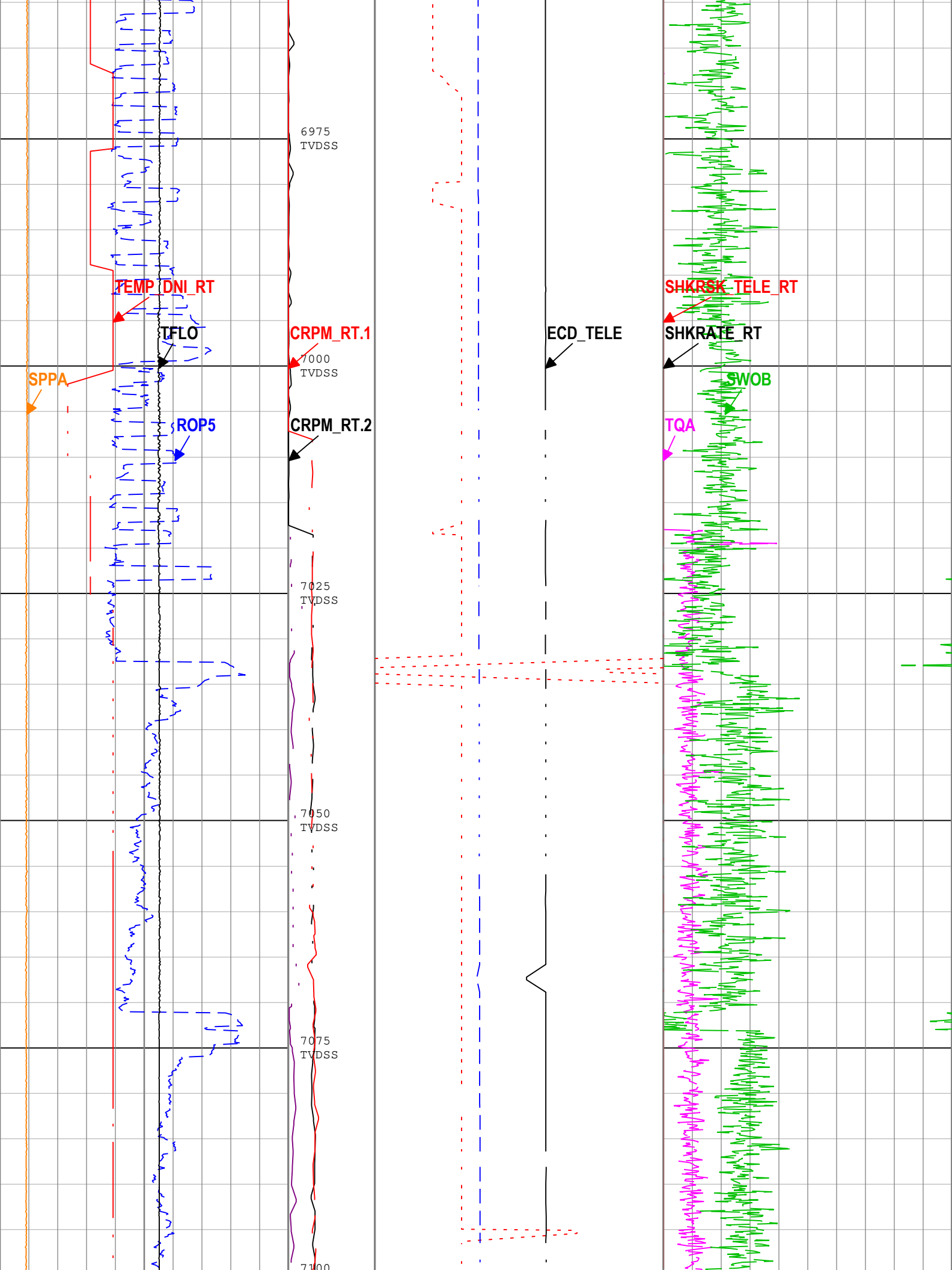
Survey Quality Index			
2 : Long Survey failed mag criteria	9 : Manual	28 : Tie-In Point	

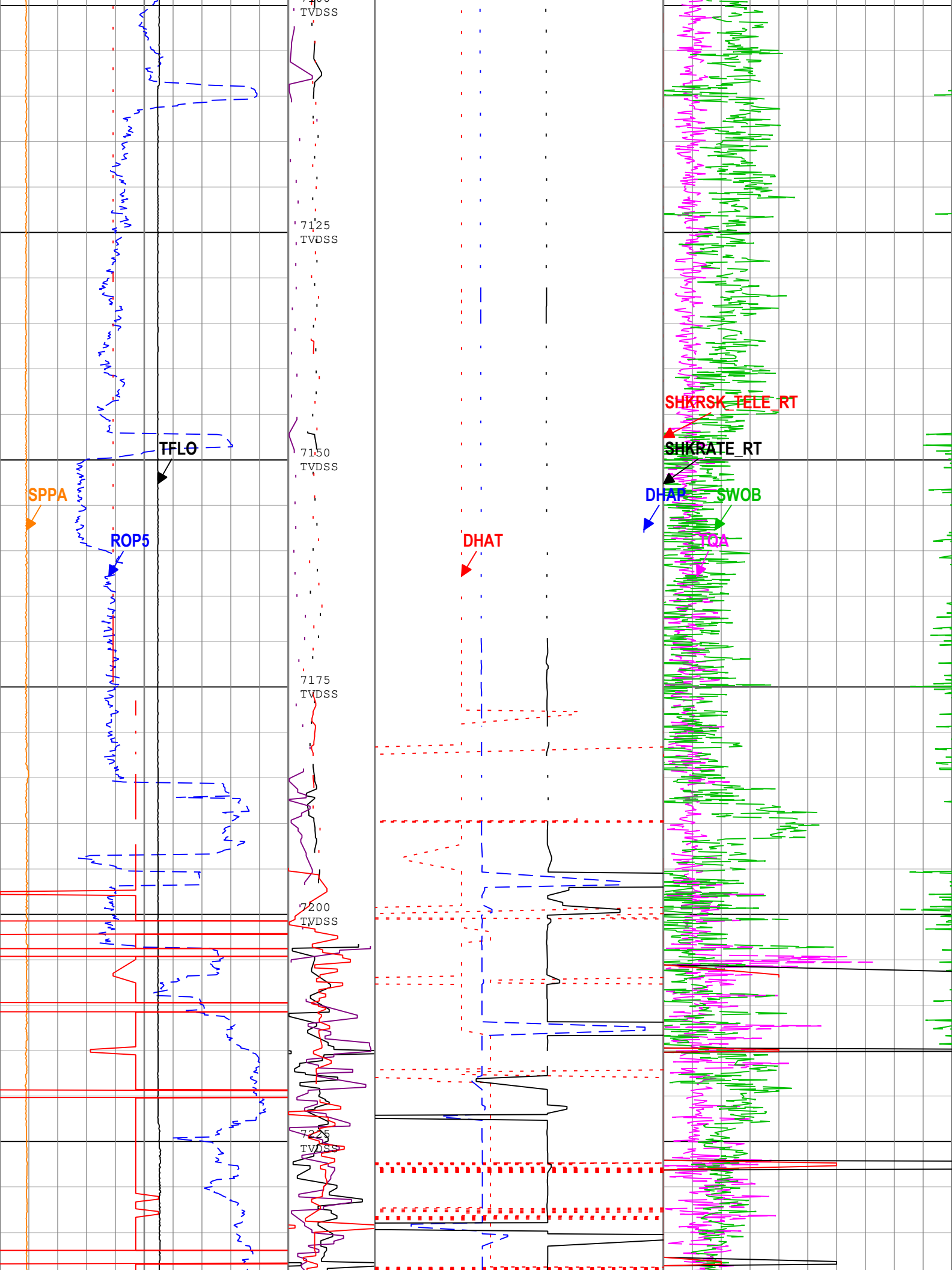
Survey Correction Index			
0 : No correction			

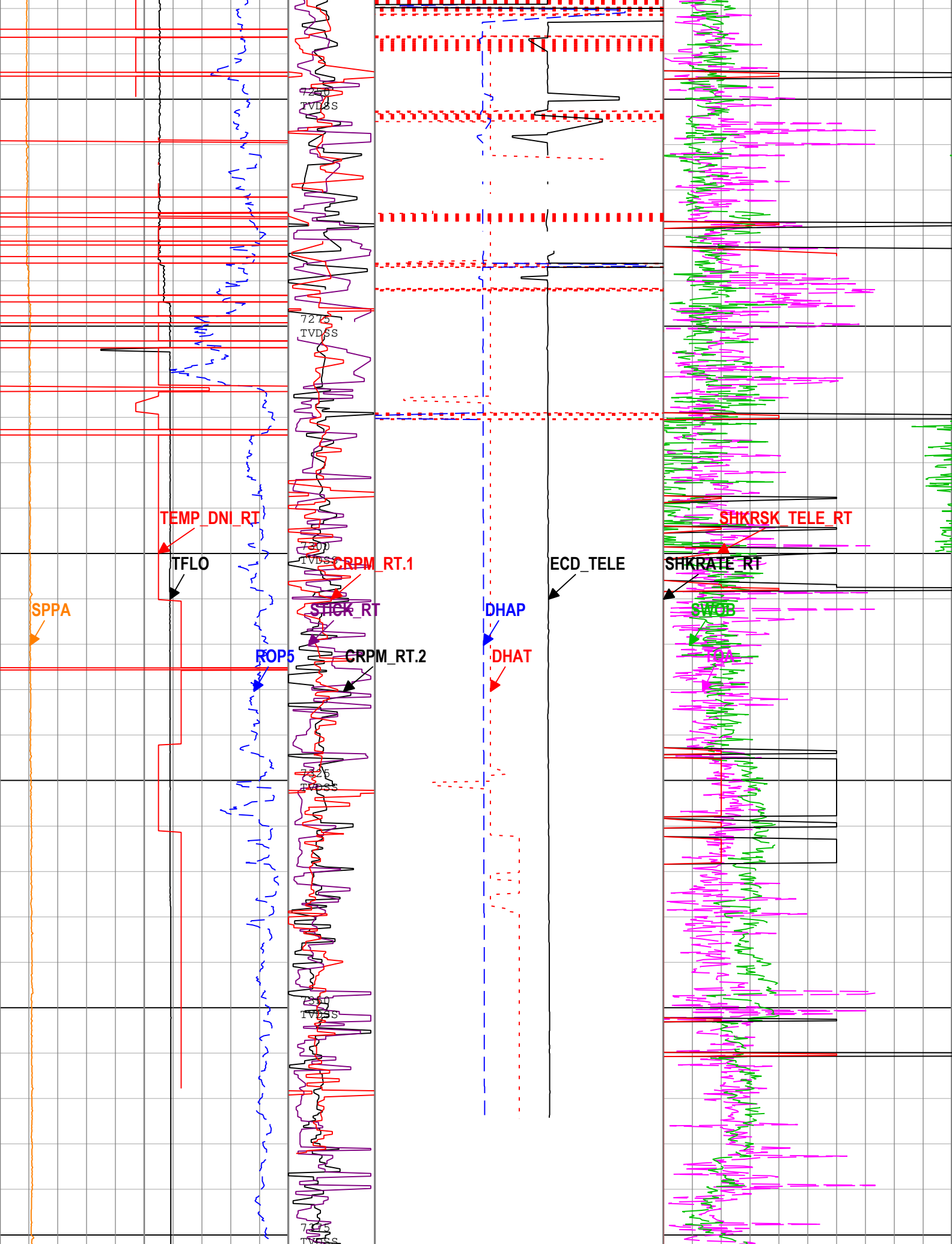
Survey Description Index			
0 : Not Flagged Survey	7 : Projection to Bit		

Seq	MD (m)	Incl (deg)	Azim (deg)	Course (m)	TVD (m)	V Sec (m)	N/ -S (m)	E/ -W (m)	Closure (m)	at Azim (deg)	DLS deg/30m	Tool Type	QI	CI	DI
1	0.000	0.00	0.00	- - - -	0.000	0.000	0.000	0.000	0.000	90.00	0.00	TIP	28	0	0
2	6957.00 0	0.00	0.00	6957.00 0	6957.00 0	0.000	0.000	0.000	0.000	90.00	0.00	Other	9	0	0
3	7004.10 9	0.20	265.6 5	47.109	7004.10 9	-0.006	-0.006	-0.083	0.080	265.65	0.13	TeleScope	2	0	0
4	7039.81 7	0.30	305.0 8	35.708	7039.81 7	0.042	0.042	-0.222	0.230	280.81	0.16	TeleScope	2	0	0
5	7079.81 0	0.14	268.6 8	39.992	7079.80 9	0.101	0.101	-0.357	0.370	285.80	0.15	TeleScope	2	0	0
6	7284.66 1	0.36	163.1 1	204.852	7284.65 9	-0.524	-0.524	-0.426	0.680	219.07	0.06	TeleScope	2	0	0









Rate of penetration averaged over the last 5 ft	Collar	Downhole Annulus Temperature (DHAT)	Surface Torque (TQA) RT
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(1.5 m) (ROP5) RT		Rotational Speed (CRPM_RT). 2 TELE675 RT	TELE675 RT		kN.m	
50	m/h		0	degC	10	20
Standpipe Pressure (SPPA) RT			Downhole Annulus Pressure (DHAP) TELE675 RT		Surface Weight On Bit (SWOB) RT	
0	MPa		0	MPa	-10	40
Total flow rate of all active pumps (TFLO) RT			Equivalent Circulating Density (ECD_TELE) TELE675 RT		Shock Rate (SHKRATE_RT) TELE675 RT	
0	gal/min	Stick Slip Indicator (STICK_RT) TELE675 RT	0.8 g/cm3 1.2		Shock Risk (SHKRSK_TELE_RT) TELE675 RT	
Direction and Inclination Sensor Temperature (TEMP_DNI_RT) TELE675 RT					0 5	
0	degC	Collar Rotational Speed (CRPM_RT). 1 MI6 RT				
Description: MI6 Resistivity, Deep Button Image RM Format: Log (DML_Depth_RT_TVD500) Index Scale: 1:500 Index Unit: m Index Type: SSTVD						
Creation Date: 11-Oct-2024 02:59:00						

Channel Processing Parameters				
C0026A_Run1: Parameters				
Parameter	Description	Tool	Value	Unit
APRE	Atmospheric Pressure	Borehole	1013.25	mbar
DEPTH_SEL	Depth Selection Parameter	DNMSESSION	Driller's Depth	
FLEV	Depth of Drilling Fluid Level to LMF (Log Measured From)	Borehole	-25.5	m
RHO_SEAWATER	Density of the Sea Water	Borehole	1.02	g/cm3
SF_FLAG	Mud Return to Sea Floor (No Riser)?	Borehole	Yes	
TREE_HEIGHT	Tree Height	Borehole	0	m
Tool Control Parameters				
C0026A_Run1: Parameters				
Parameter	Description	Tool	Value	Unit
OFFBTM_TH	Threshold for deciding whether the bit is off bottom	DNMSESSION	0.6	m
Calibration Report				

Company: JAMSTEC

Well: C0026A

Field: C0019/C0026

Rig Name: The "Deep Sea D/V CHIKYU"

Prefecture: Miyagi

Country: Japan



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ECD, DHAP, DHAT, Collar RPM
8.5in Real Time Mode, TVDSS 1:500