

Company:

JAMSTEC

Well:

C0019F

Field:

C0019/C0026

Rig Name:

The "Deep Sea D/V CHIKYU"

Prefecture:

Miyagi

Country:

Japan

MicroScope HD Resistivity Image

GR, HD Resistivity Image, Resistivity

8.5in Recorded Mode, TVDSS 1:200



Company:

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C0019F

Field:

C0019/C0026

Rig Name:

The "Deep Sea D/V CHIKYU"

Prefecture:

Miyagi

Country:

Japan

Latitude:

37° 56' 20.706" N

Longitude:

143° 54' 47.844" E

Block:

C0019/C0026

FL1:

X: 756017.4m

FL2:

Y: 4203068.8m

UWID:

O.1042972.01

Rig Name:

The "Deep Sea D/V CHIKYU"

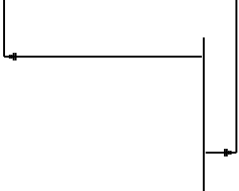
Rig Type:

Drill ship

Log Measured From: - Drill Floor: 28.50 m

Permanent Datum: - Mean Sea Level

Ground Level: 6897.50 m



Acquisition Dates:

14-Sep-2024 -- 15-Sep-2024

Log Interval:

6926.40mBRT - 7024.00mBRT

Index Types:

SSTVD

Index Scales:

1:200

Depth Source:

Driller's Depth

Depth Sensor:

DES

Print Type:

Final

Spud Date:

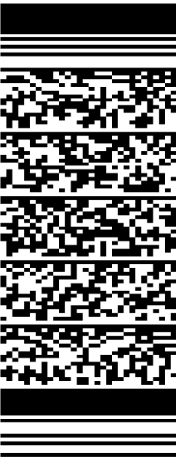
13-Sep-2024

Other Services:

Cont. DNI

TAPWD ECD

Delta-T



Disclaimer

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Well Sketch

Driller Depth

6923.000 m





Borehole Size/Casing Record

Bit						
Bit Size (in)	8.5					
Top Driller (m)	6923					
Bottom Driller (m)	7024					

Operational Run Summary

Parameter (unit)	C0019F_Run1					
Date Log Started	14-Sep-2024					
Time Log Started	04:01:43					
Date Log Finished	15-Sep-2024					
Time Log Finished	22:51:28					
Bit Size (in)	8.500					
Bit Start Depth (m)	6926.400					
Bit Stop Depth (m)	7024.000					
Top Log Interval (m)	6926.400					
Bottom Log Interval (m)	7019.009					
Max Hole Deviation (deg)	9.02					
Azimuth of Max Deviation (deg)	245.08					
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

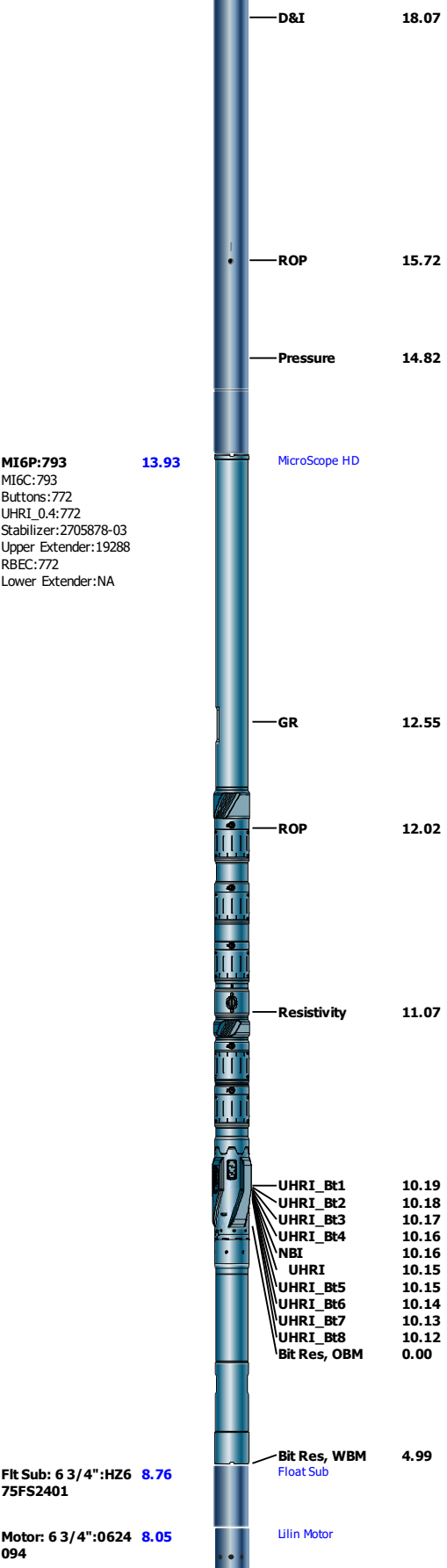
Parameter(unit)	C0019F_Run1					
Fluid Type	Water					
Fluid Name	Sea Water					
Max Recorded Temperatures (degC)	2					
Source of Sample	Active Tank					
Salinity (ppm)	36665					
Density (g/cm3)	1.03					

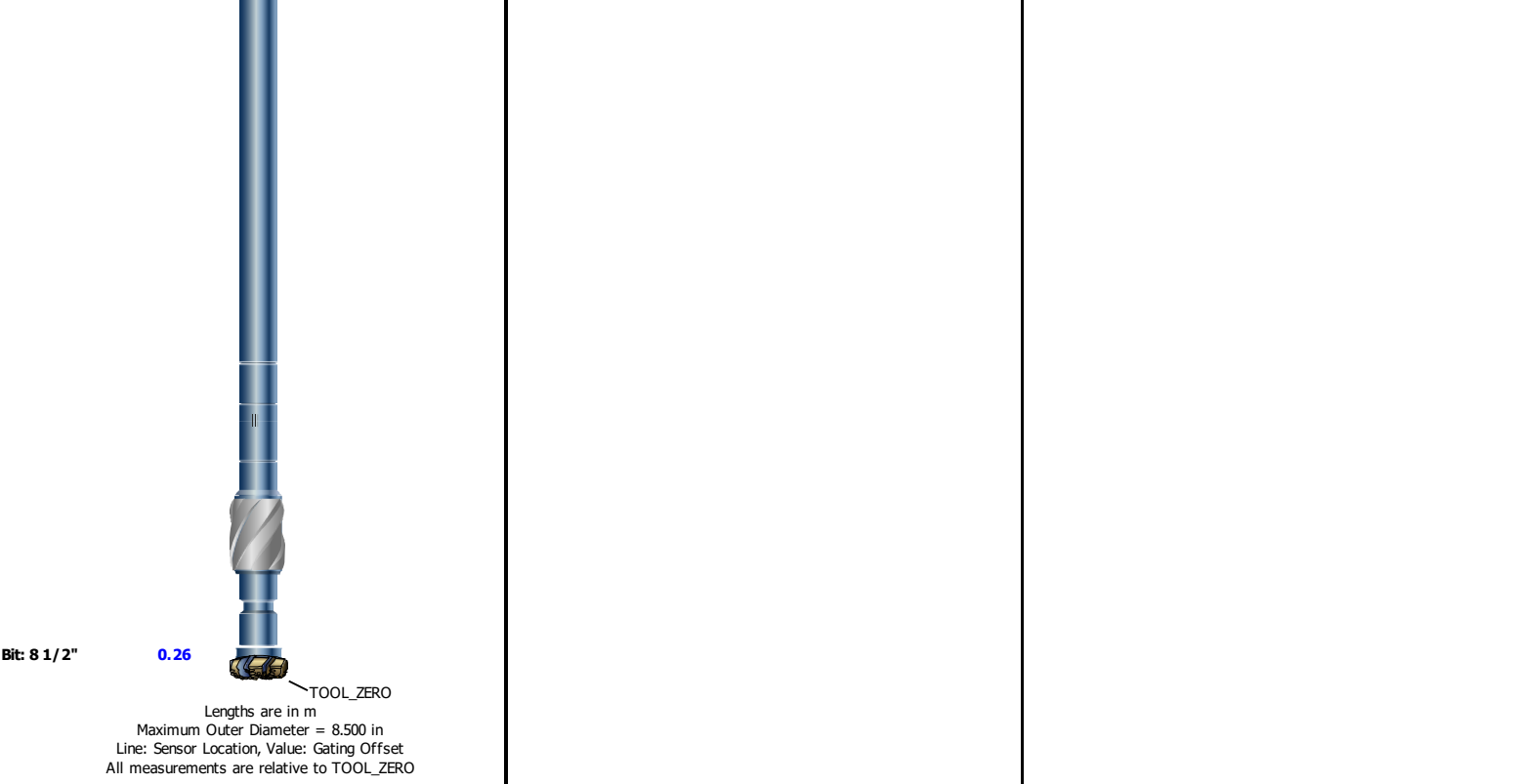
Funnel Viscosity (s)						
Fluid Loss (cm3)						
PH	7					
Source RMF	Calculated					
RMC	Calculated					
RM @ Meas Temp (ohm.m@degC)	0.08 @ 2					
RMF @ Meas Temp (ohm.m@degC)	0.06 @ 2					
RMC @ Meas Temp (ohm.m@degC)	0.12 @ 2					
RM @ BHT (ohm.m@degC)	0.08 @ 2					
RMF @ BHT (ohm.m@degC)	0.06 @ 2					
RMC @ BHT (ohm.m@degC)	0.12 @ 2					
Total Solid (%)						
High Gravity Solids (%)						

Remarks and Equipment Summary

C0019F_Run1: Toolstring	C0019F_Run1: Remarks	
Equip name SONICSCOPE6:H33 40 XOS6:NCN2161+5 MP6DC:H3340 Upper Stabilizer:BT-6 300-01 Lower Stabilizer:BT-6 092-01 Upper Extender:NA MP6UC:8029 MP6LC:8029 Lower Extender:07-04 7 Length 32.42 MP name SonicScope Offset ROP 28.8 Delta-T 27.59 TeleScope 22.09 TELE675:N003128 8 Upper Extender:SN21 MDC675:N003128 MMA:7142 MDI:5040 PMGD:1982 PMEA:4189 MTA:3674-T MTK675-0017	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: 6926.40mBRT - 7019.00mBRT. Drilling interval: 6926.40mBRT - 7024.00mBRT. Total pumping hours: 9.91hrs. Total drilling hours: 5.83hrs. Reason for POOH: TeleScope failure.	

APWD:5006
MSSD675:OSSTJ2404-33
Lower Extender, Long
:CREPC-12





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 :	1.79 deg		

Rig Location					
Latitude :		37° 56' 20.706" N		Longitude :	
				143° 54' 47.844" 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

Survey Quality Index															
9 : Manual															

Survey Correction Index															
0 : No correction															

Survey Description Index															
6 : Smart Depth Corrected Survey															

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	9	0	6
2	6926.500	0.00	0.00	6926.500	6926.500	0.000	0.000	0.000	0.000	90.00	0.00	Other	9	0	6
3	6930.719	7.20	243.08	4.219	6930.708	-0.120	-0.120	-0.236	0.260	243.08	51.20	Other	9	0	6
4	7005.347	9.02	245.08	74.628	7004.587	-4.703	-4.703	-9.712	10.790	244.16	0.74	Other	9	0	6
5	7024.000	9.02	245.08	18.653	7023.009	-5.935	-5.935	-12.364	13.710	244.36	0.00	Other	9	0	6

UDComposite 1

Software Version

Acquisition System	Version
Maxwell 2024.0	14.0.226717.3100

Composite Summary

Run Name	Pass Objective	Direction	Top	Bottom	Start	Stop	Include Parallel Data
C0019F_Run 1	Drilling	Down	38.786 m	7023.532 m	14-Sep-2024 4:01:43 AM	15-Sep-2024 10:51:28 PM	No

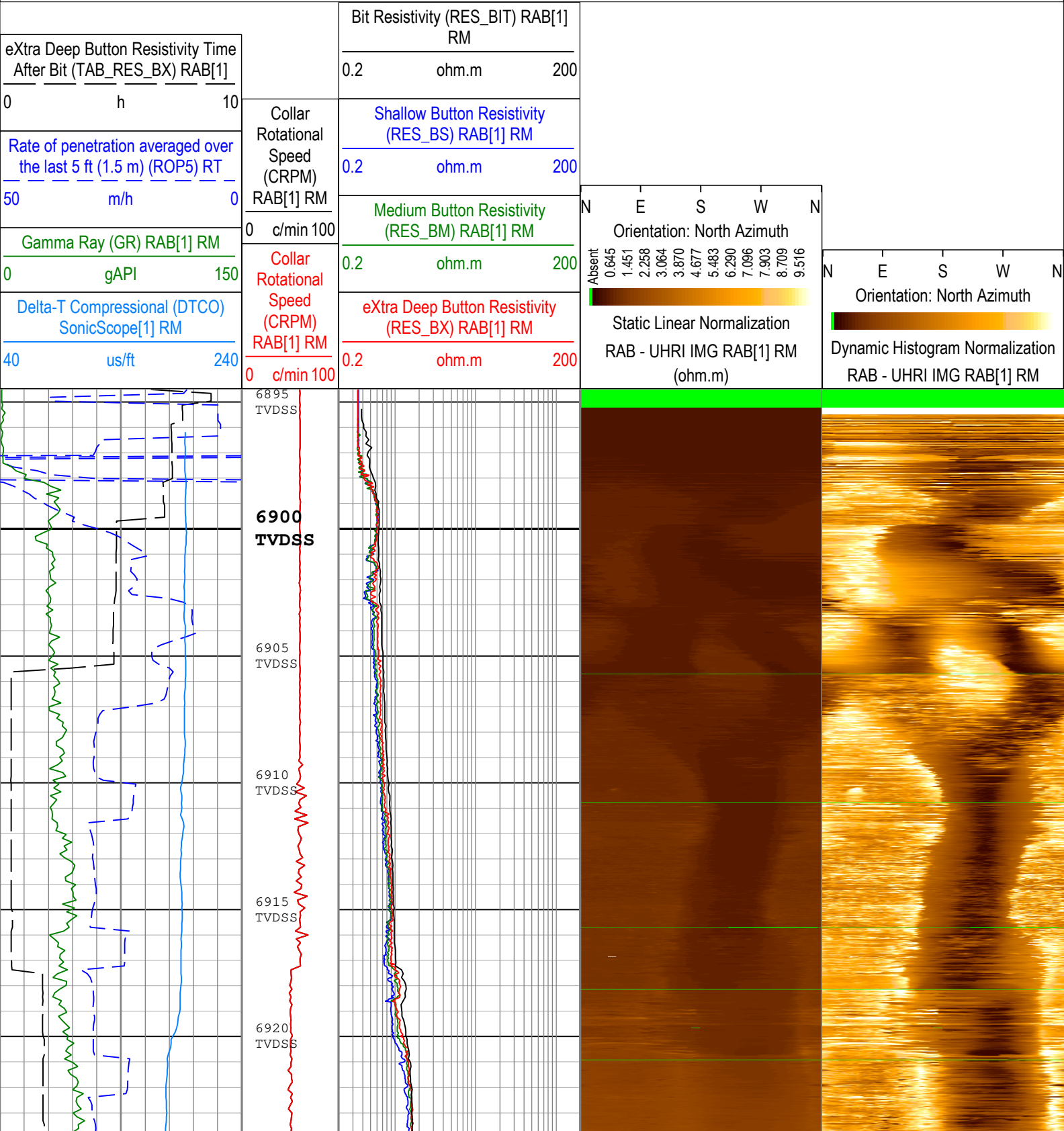
All depths are referenced to toolstring zero

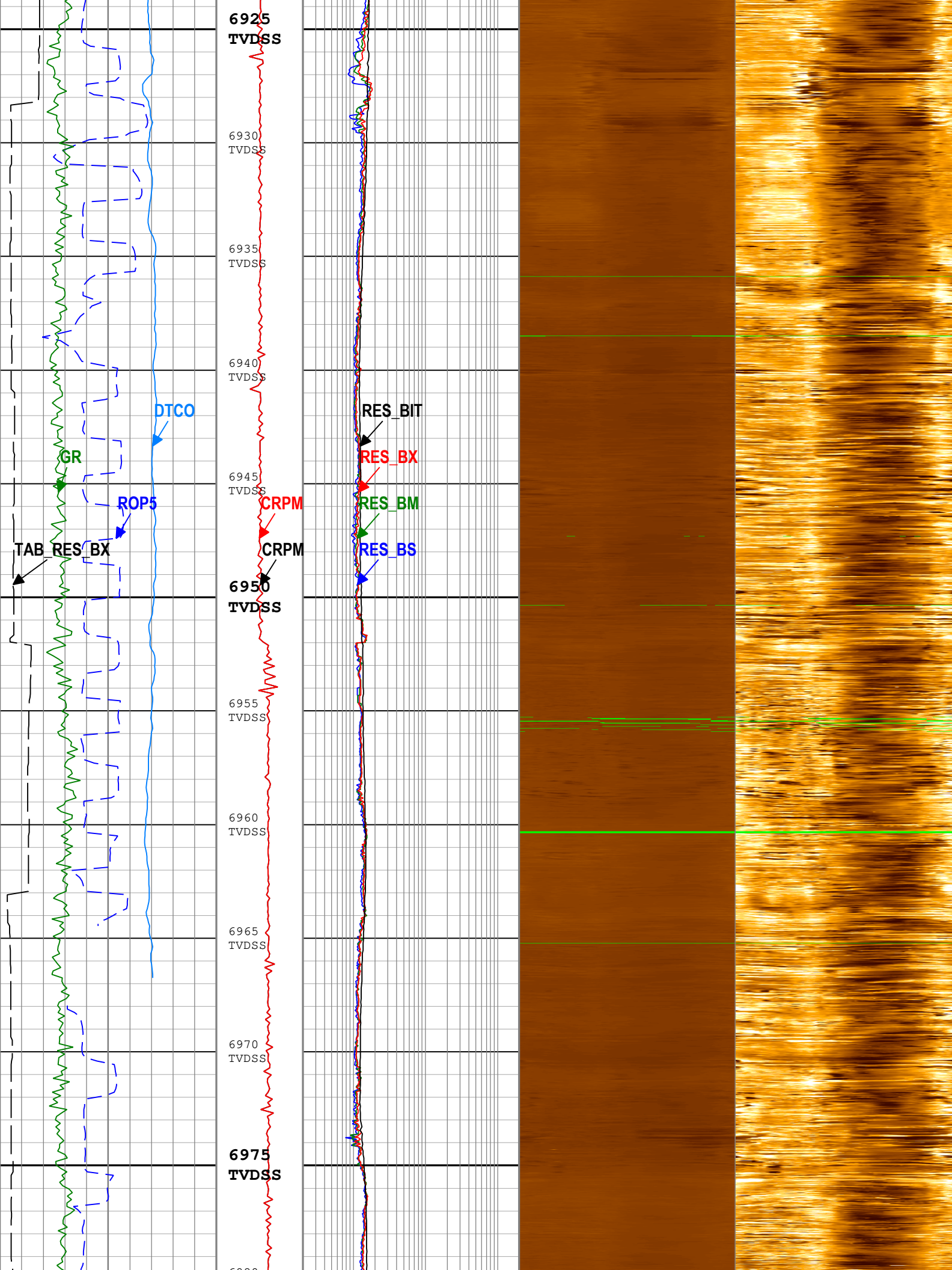
Log

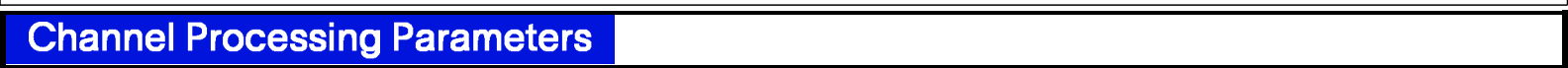
Company:JAMSTEC Well:C0019F

UDComposite 1:S025

Description: MI6 Quadrant Resistivity RM Format: Log (MicroScope RES Image final RM TVDSS200) Index Scale: 1:200 Index Unit: m Index Type: SSTVD Creation Date: 11-Oct-2024 01:24:23







C0019F_Run1: Parameters

Parameter	Description	Tool	Value	Unit
BHK	Drilling Fluid Potassium Concentration	Borehole	0	%
BHT	Bottom Hole Temperature	Borehole	2	degC
BS	Bit Size	DNMSESSION	8.5	in
COLL_MH	Lower Labeling Limit for Compressional Slowness - Monopole High	SONICSCOPE6	150	us/ft
COUL_MH	Upper Labeling Limit for Compressional Slowness - Monopole High	SONICSCOPE6	200	us/ft
DEPTH_SEL	Depth Selection Parameter	DNMSESSION	Driller's Depth	
DFD	Drilling Fluid Density	Borehole	1.03	g/cm3
DFT_CATEGORY	Drilling Fluid Type	Borehole	Water	
FIN_DT_CO_MODE	Final DT Compressional STC Processing Mode	SONICSCOPE6	Receiver Array	
GCSE_RM	Generalized Caliper Selection for DnM recorded mode	Borehole	BS	
GRSE_RM	Generalized Mud Resistivity Selection for Recorded Mode	Borehole	MRES(RM)	
GTSE_RM	Generalized Temperature Selection for Recorded Mode	Borehole	TTEM(RM)	
HD_SEL	Hole Diameter Selection	SONICSCOPE6	BS	
JOBID	Job Identification	DNMSESSION	O.1042972.01IMG	
MST	Mud Sample Temperature	Borehole	2	degC
RMS	Resistivity of Mud Sample	Borehole	0.08	ohm.m
SCLP	Smart Classification Labeling Parameter	SONICSCOPE6	189	us/ft
SHLL_MH	Lower Labeling Limit for Shear Slowness - Monopole High	SONICSCOPE6	180	us/ft

SHUL_MH	Upper Labeling Limit for Shear Slowness - Monopole High	SONICSCOPE6	260	us/ft
STCAL_MH	STC Algorithm Option - Monopole High	SONICSCOPE6	FullArray	
STCFL_MH	Pre-STC Filter Length - Monopole High	SONICSCOPE6	25	
STCRSEL_MH	STC Sensor Selection - Monopole High	SONICSCOPE6	[On, On, On, On, On, On, On, On, On, On, On, On, On]	
STCSLL_MH	STC Slowness Lower Limit - Monopole High	SONICSCOPE6	40	us/ft
STCSUL_MH	STC Slowness Upper Limit - Monopole High	SONICSCOPE6	240	us/ft
STCXFH_MH	Pre-STC Filter High Frequency Cutoff - Monopole High	SONICSCOPE6	13000	Hz
STCXFL_MH	Pre-STC Filter Low Frequency Cutoff - Monopole High	SONICSCOPE6	9000	Hz

Tool Control Parameters	
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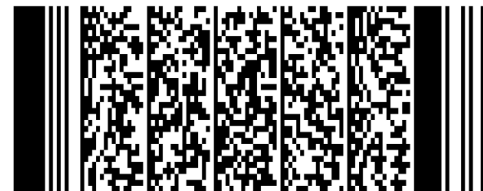
C0019F_Run1: Parameters

Parameter	Description	Tool	Value	Unit
DSIN_MH	Digitizer Sample Interval - Monopole High	SONICSCOPE6	20	us

Calibration Report	
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Company:	JAMSTEC
Well:	C0019F
File:	00010/00000

Field: C0019/C0026
Rig Name: The "Deep Sea D/V CHIKYU"
Prefecture: Miyagi
Country: Japan



MicroScope HD Resistivity Image

GR, HD Resistivity Image, Resistivity

8.5in Recorded Mode, TVDSS 1:200