

MicroScope HD Resistivity Image

Gamma Ray - Resistivity - HD Resistivity Image

C0024A Run1, Recorded Mode Log, TVDSS 1:500



Company: JAMSTEC

Well: C0024A

Field: C0024

Rig Name: D/V Chiky

Prefecture: Wakayama

Country: Japan

Latitude: 33° 2' 2.638" N

Longitude: 136° 47' 23.946" E

Block:

FL1: Pacific Ocean
X=667,159.78m

FL2: Y=3,656,517.23m

UWID:

Rig Name:

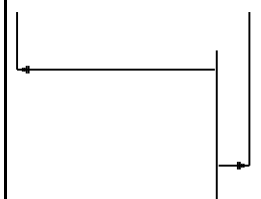
Rig Type:

D/V Chiky

Drill ship

Log Measured From: - Drill Floor: 28.50 m
Permanent Datum: - Mean Sea Level

Ground Level: 3841.50 m



Acquisition Dates: 05-Mar-2019 -- 10-Mar-2019

Other Services:

Log Interval: 3870.00(m)TVD-4734.27(m)TVD

Direction and Inclination

Index Types: SSTVD

seismic/VISION

Index Scales: 1:500

SonicScope

Depth Source: Driller's Depth

Depth Sensor: DES

Print Type: Field

Spud Date: 06-Mar-2019



Disclaimer

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11.2 Software Version

11.3 Composite Summary

11.4 Log (MI6 Res, UHRI RM MD_ReamUp_TVD_X)

11.5 Parameter Listing

12. Run1 Run1_LWD Repeat2 Log

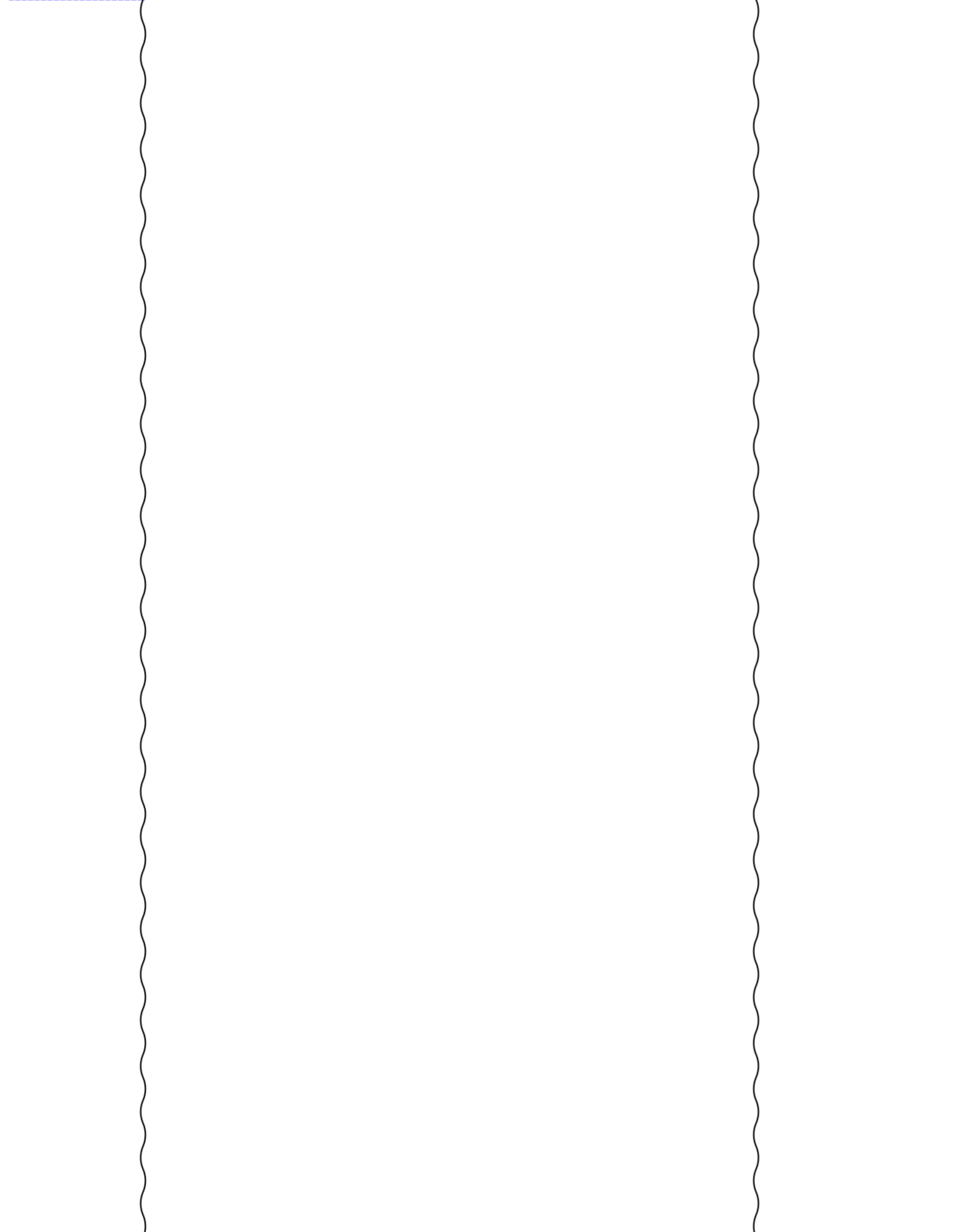
12.1 Integration Summary

12.2 Software Version

Well Sketch

Driller Depth

3870.000 m



4739.000 m

Open Hole 8.5in

Borehole Size/Casing Record

Bit					
Bit Size (in)	8.5				
Top Driller (m)	3870				
Bottom Driller (m)	4739				

Operational Run Summary


Parameter (unit)	Run1				
Date Log Started	05-Mar-2019				
Time Log Started	12:00:28				
Date Log Finished	10-Mar-2019				
Time Log Finished	18:17:31				
Bit Size (in)	8.500				
Bit Start Depth (m)	3870.00				
Bit Stop Depth (m)	4739.00				
Top Log Interval (m)	3870.00				
Bottom Log Interval (m)	4838.03				
Max Hole Deviation (deg)	9.02				
Azimuth of Max Deviation (deg)	265.80				
Logging Unit Number	OLU-MB8054				
Logging Unit Location	Zone2				
Recorded By	SMoriyama/YeP u				
Witnessed By	Y.Sanada/Y.Kido				
Service Order Number	19JAP0009				

Borehole Fluids

Parameter(unit)	Run1				
Fluid Type	Water				
Fluid Name	Sea Water				
Max Recorded Temperatures (degC)	NaN				
Source of Sample	Active Tank				
Salinity (ppm)	32980.02				
Density (g/cm3)	1.025				

Funnel Viscosity (s)					
Fluid Loss (cm3)					
PH					
Source RMF	Pressed				
RMC	Pressed				
RM @ Meas Temp (ohm.m@degC)	0.2 @ 22.1				
RMF @ Meas Temp (ohm.m@degC)	0.15 @ 20				
RMC @ Meas Temp (ohm.m@degC)					
RM @ BHT (ohm.m@degC)	0.07 @ 100				
RMF @ BHT (ohm.m@degC)	0.05 @ 100				
RMC @ BHT (ohm.m@degC)	NaN @ 100				
Total Solid (%)					
High Gravity Solids (%)					

Remarks and Equipment Summary

Run1: Toolstring	Run1: Remarks																					
<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; font-weight: normal;">Equip name</th> <th style="text-align: left; font-weight: normal;">Length</th> <th style="text-align: left; font-weight: normal;">MP name</th> <th style="text-align: left; font-weight: normal;">Offset</th> </tr> </thead> <tbody> <tr> <td style="font-size: 0.8em;">Fit Sub: 6 3/4":091 5986-3</td> <td style="color: blue; font-weight: bold;">35.88</td> <td style="color: blue;">Schlumberger</td> <td></td> </tr> <tr> <td style="font-size: 0.8em;">X/O: 6 3/4"[2]:18 11-76</td> <td style="color: blue; font-weight: bold;">35.09</td> <td style="color: blue;">Schlumberger</td> <td></td> </tr> <tr> <td style="font-size: 0.8em;">seismicVISION675</td> <td style="color: blue; font-weight: bold;">34.48</td> <td style="color: blue;">Schlumberger</td> <td></td> </tr> <tr> <td style="font-size: 0.8em;">SONICSCOPE6</td> <td style="color: blue; font-weight: bold;">30.00</td> <td style="color: blue;">Schlumberger</td> <td></td> </tr> </tbody> </table> 	Equip name	Length	MP name	Offset	Fit Sub: 6 3/4":091 5986-3	35.88	Schlumberger		X/O: 6 3/4"[2]:18 11-76	35.09	Schlumberger		seismicVISION675	34.48	Schlumberger		SONICSCOPE6	30.00	Schlumberger		<p>Depth Reference is driller's depth measured from Rotary Table.</p> <p>Data presented is Recorded Mode data which was acquired while drilling.</p> <p>MicroScope record rate is depending on RPM. APWD record rate is 10s.</p> <p>arcVISION GR is environmentally corrected for bit size, mud weight. No potassium content is assumed in sea water.</p> <p>Reason of POOH:Client called TD.</p> <p>Pumping Time:90.59hrs.</p> <p>Drilling Time:50.20hrs.</p>	
Equip name	Length	MP name	Offset																			
Fit Sub: 6 3/4":091 5986-3	35.88	Schlumberger																				
X/O: 6 3/4"[2]:18 11-76	35.09	Schlumberger																				
seismicVISION675	34.48	Schlumberger																				
SONICSCOPE6	30.00	Schlumberger																				



TELE675-IWOB 19.99

Schlumberger

D&I 15.69

GR 15.04

ROP 13.34

IWOB 12.33

ARC6 11.56

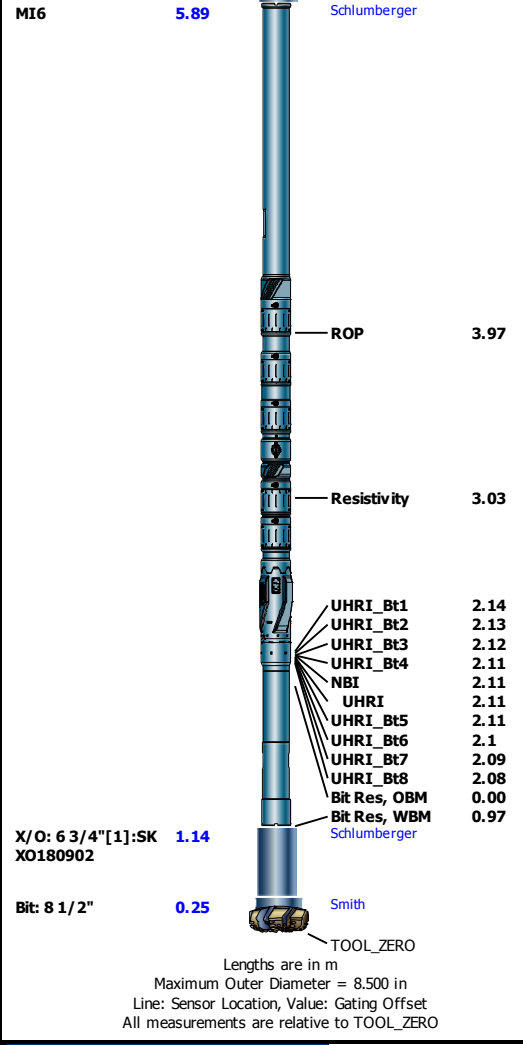
Schlumberger

ROP 9.35

GR 8.28

Resistivity 8.23

Pressure 7.52



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 :	0.98 deg		

Rig Location

Latitude :	33° 2' 2.638" N	Longitude :	136° 47' 23.946" E
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Tie In Point

Measured Depth:	0.00 m	Inclination:	0.00 deg	Azimuth:	0.00 deg
True Vertical Depth:	0.00 m	North Displacement:	0.00 m	East Displacement:	0.00 m
N/-S VSec Origin:	0.00 m	E/-W VSec Origin:	0.00 m	Vertical Section Azimuth:	0.00 deg

D&I Inits Computed and Values Used - Run1

Geomagnetic Model :	HDGM 2018	Geomagnetic Date :	05-Mar-2019
Computed Location B :	46004.34 nT +/- 300.00nT	Used Location B :	46004.34 nT +/- 300.00nT
Computed Location G :	998.89 mgn +/- 2.50mgn	Used Location G :	998.89 mgn +/- 2.50mgn
Computed Magnetic Dip :	46.61 deg +/- 0.45deg	Used Magnetic Dip :	46.61 deg +/- 0.45deg
Computed Magnetic Dec :	-7.11 deg	Used Magnetic Dec :	-7.11 deg
Computed Total Correction :	-8.09 deg	Used Total Correction :	-8.09 deg

Survey Quality Index

0 : Long Survey passed all criteria	3 : Long Survey failed G criteria	9 : Manual
28 : Tie-In Point		

Survey Correction Index

0 : No correction

Survey Description Index

0 : Not Flagged 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	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	00.00	0.00	TIP	28	0	0

2	3870.00	0.00	0.00	3870.00	3870.00	0.00	0.00	0.00	0.00	90.00	0.00	Other	9	0	0
3	3928.66	5.53	227.41	58.66	3928.57	-1.92	-1.92	-2.08	2.83	227.41	2.83	TeleScope	0	0	0
4	3945.27	6.65	227.96	16.61	3945.09	-3.10	-3.10	-3.39	4.59	227.52	2.02	TeleScope	3	0	0
5	3983.90	6.50	229.68	38.63	3983.46	-6.01	-6.01	-6.72	9.02	228.15	0.20	TeleScope	0	0	0
6	4021.67	5.22	233.96	37.77	4021.03	-8.41	-8.41	-9.74	12.86	229.18	1.07	TeleScope	3	0	0
7	4058.60	4.79	237.67	36.93	4057.82	-10.22	-10.22	-12.40	16.07	230.49	0.44	TeleScope	0	0	0
8	4098.71	4.75	239.28	40.11	4097.79	-11.97	-11.97	-15.24	19.38	231.86	0.10	TeleScope	0	0	0
9	4134.48	4.68	237.87	35.77	4133.44	-13.50	-13.50	-17.75	22.30	232.75	0.11	TeleScope	3	0	0
10	4175.94	5.03	243.39	41.47	4174.76	-15.22	-15.22	-20.81	25.78	233.83	0.42	TeleScope	0	0	0
11	4213.66	4.82	248.95	37.72	4212.34	-16.52	-16.52	-23.77	28.95	235.19	0.41	TeleScope	3	0	0
12	4246.12	4.93	251.76	32.46	4244.68	-17.45	-17.45	-26.36	31.62	236.50	0.24	TeleScope	3	0	0
13	4284.84	4.65	259.91	38.72	4283.27	-18.25	-18.25	-29.49	34.68	238.25	0.57	TeleScope	0	0	0
14	4324.77	4.72	259.22	39.93	4323.06	-18.84	-18.84	-32.70	37.74	240.05	0.07	TeleScope	3	0	0
15	4363.64	5.00	260.37	38.87	4361.78	-19.42	-19.42	-35.94	40.85	241.62	0.23	TeleScope	3	0	0
16	4403.00	5.52	262.02	39.37	4400.99	-19.97	-19.97	-39.51	44.27	243.18	0.41	TeleScope	3	0	0
17	4442.09	5.79	263.71	39.08	4439.88	-20.45	-20.45	-43.33	47.91	244.74	0.25	TeleScope	0	0	0
18	4481.48	6.33	263.42	39.39	4479.06	-20.91	-20.91	-47.46	51.86	246.22	0.41	TeleScope	0	0	0
19	4520.43	6.69	264.04	38.94	4517.75	-21.40	-21.40	-51.85	56.09	247.58	0.28	TeleScope	3	0	0
20	4559.50	6.97	261.56	39.08	4556.55	-21.98	-21.98	-56.46	60.58	248.73	0.31	TeleScope	0	0	0
21	4598.70	7.31	265.11	39.19	4595.44	-22.54	-22.54	-61.29	65.31	249.81	0.43	TeleScope	0	0	0
22	4637.51	7.84	264.94	38.81	4633.91	-22.99	-22.99	-66.39	70.26	250.90	0.41	TeleScope	0	0	0
23	4677.28	8.43	264.38	39.77	4673.28	-23.51	-23.51	-71.99	75.73	251.91	0.45	TeleScope	0	0	0
24	4716.26	9.02	265.80	38.98	4711.81	-24.01	-24.01	-77.89	81.50	252.86	0.48	TeleScope	0	0	0

Run1

Run1_LWD Main Log

Software Version

Acquisition System	Version
Maxwell 2018 SP2	8.2.104493.3100

Pass Summary

Run Name	Pass Objective	Direction	Top	Bottom	Start	Stop	Include Parallel Data
Run1	Drilling	Down	3799.48 m	4738.57 m	05-Mar-2019 12:00:28 PM	10-Mar-2019 6:17:31 PM	No

All depths are referenced to toolstring zero

Log

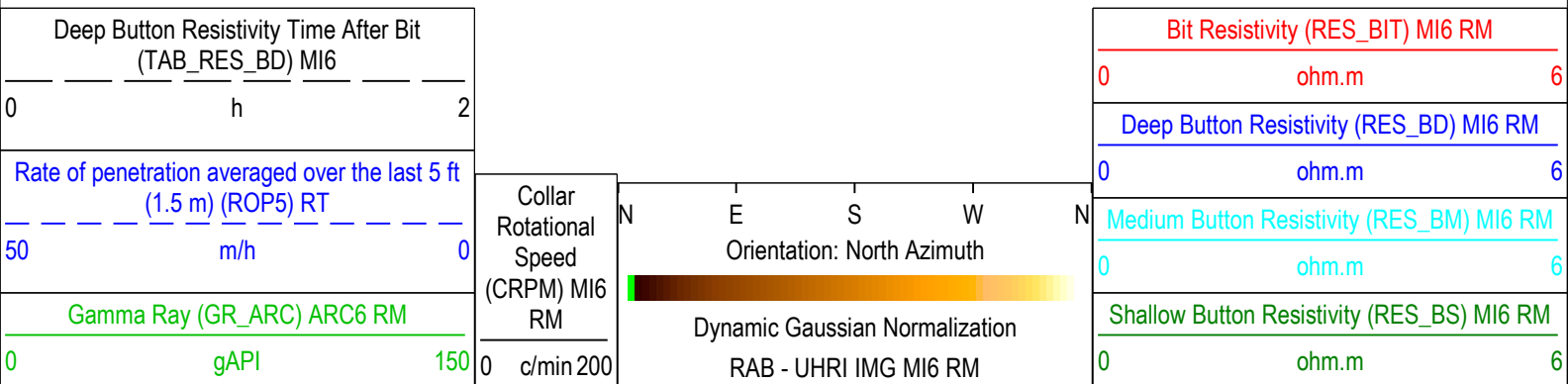
Company: JAMSTEC Well: C0024A

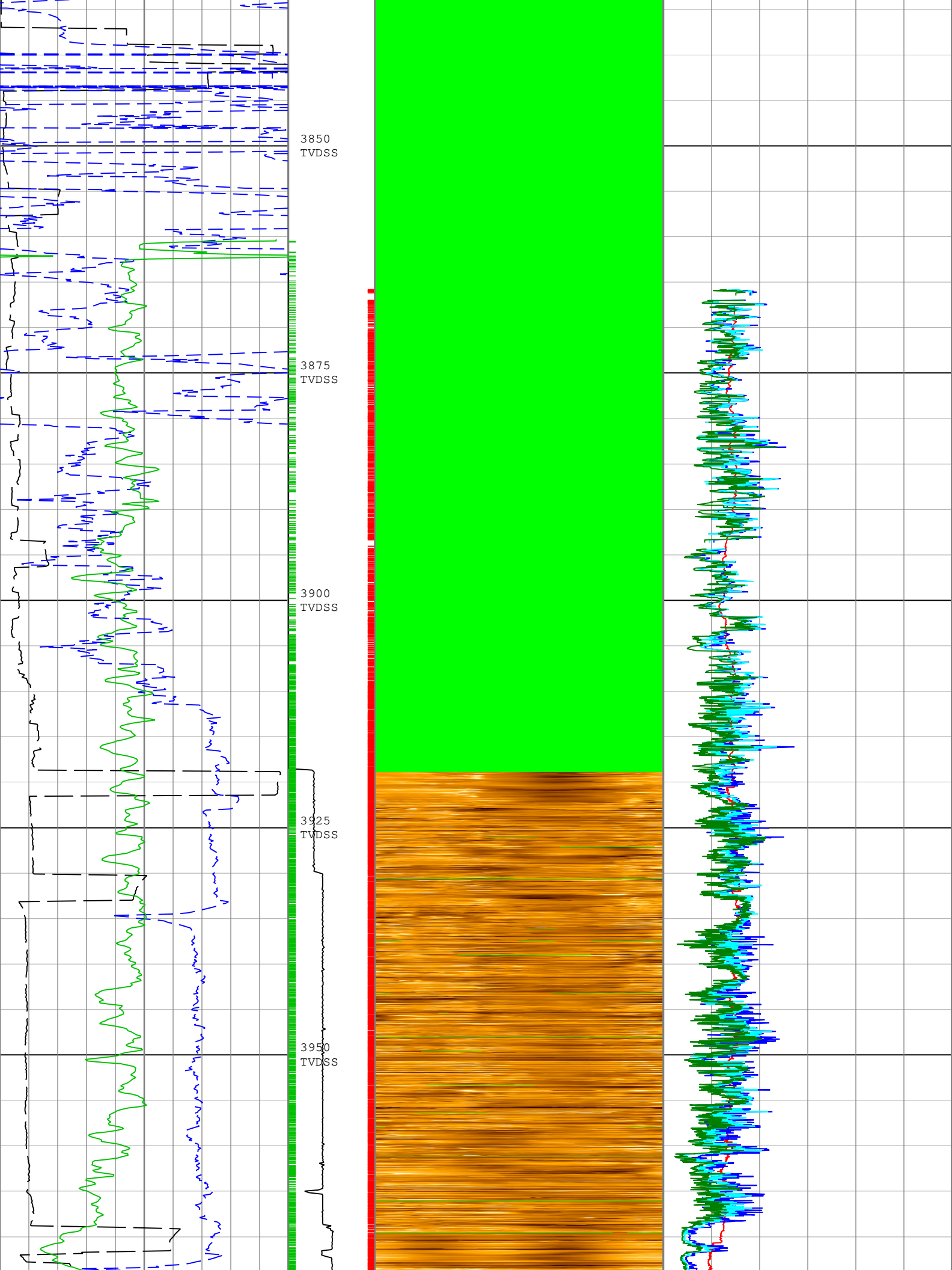
Run1: Drilling: S066

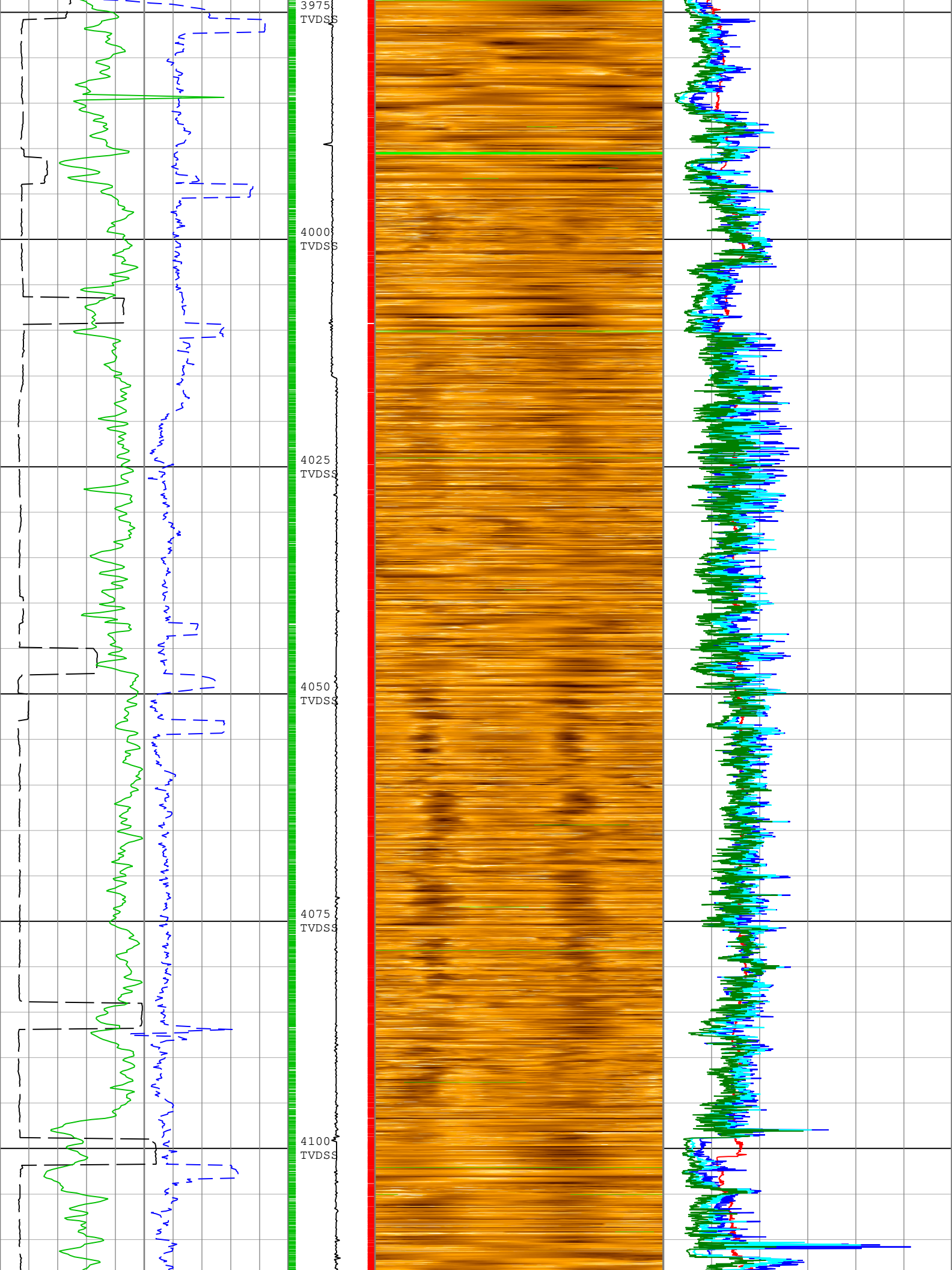
Description: MicroScope Resistivity, Deep Button Image RM Format: Log (MI6 Res, UHRI RM TVD_X) Index Scale: 1:500 Index Unit: m Index Type: SSTVD Creation Date: 11-Mar-2019 10:06:14

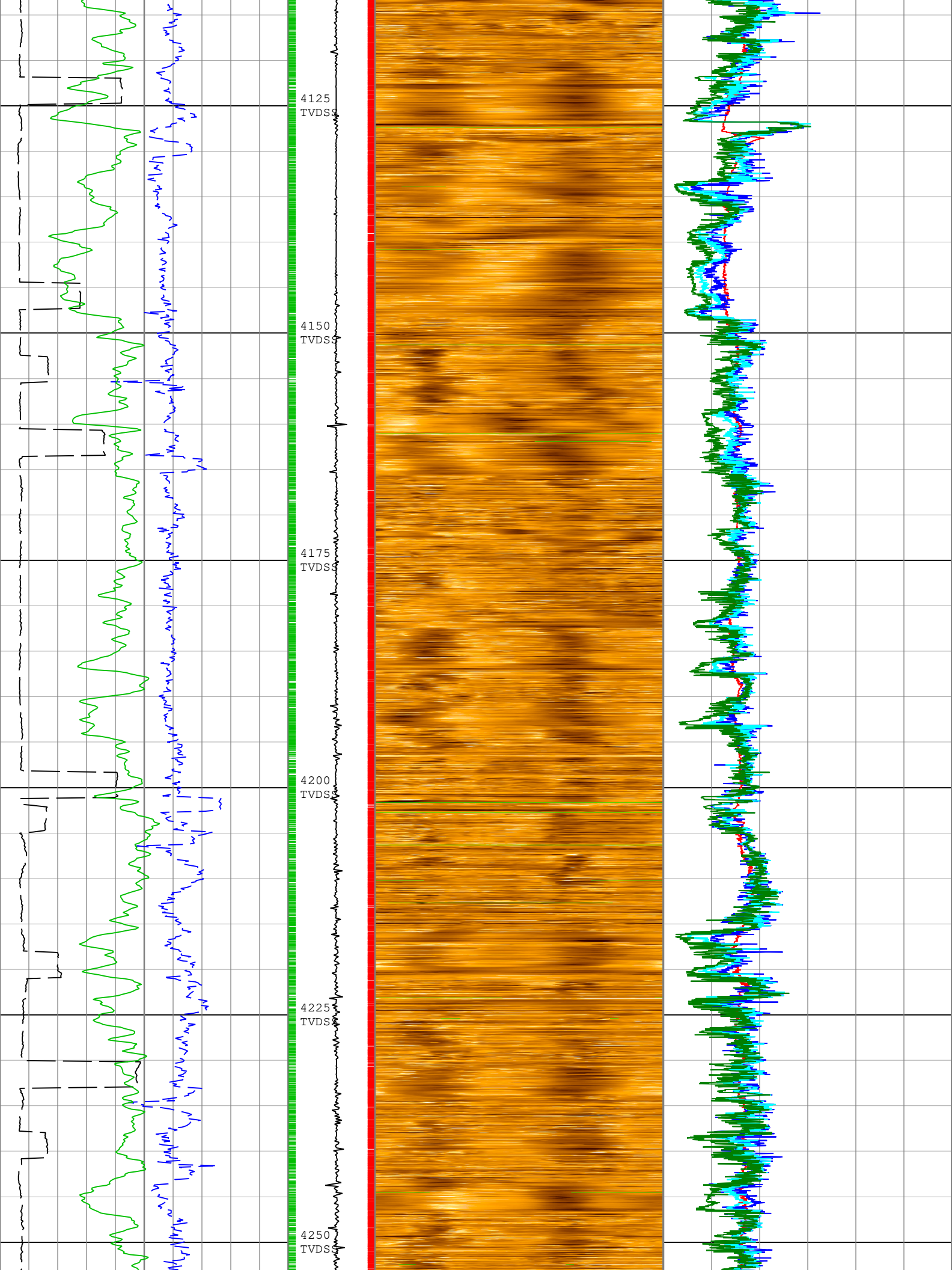
└─TICK_ARC_GR - Gamma Ray Tick Marks ARC6 RM

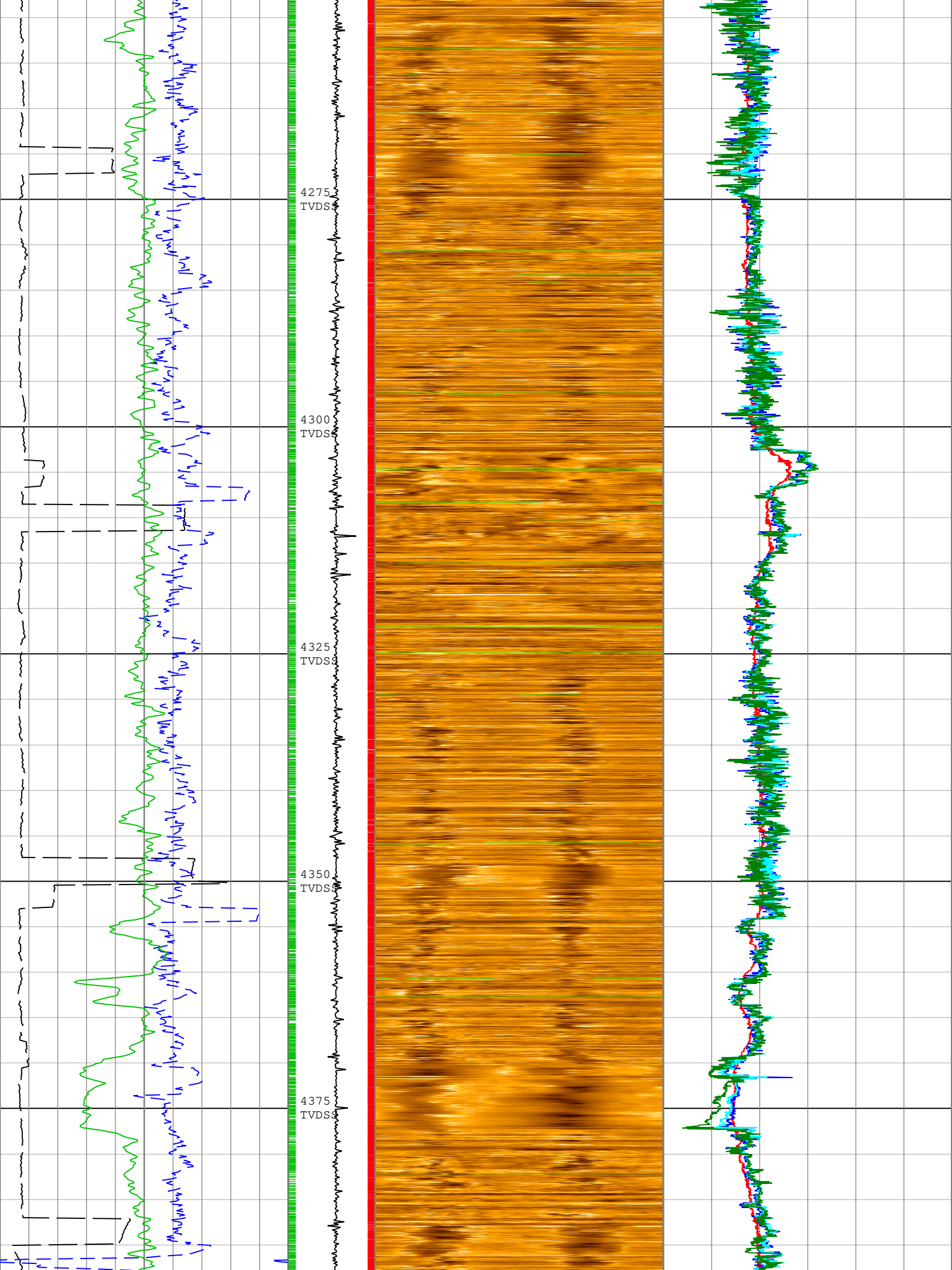
└─TICKS_RES - Resistivity Tick Marks MI6 RM

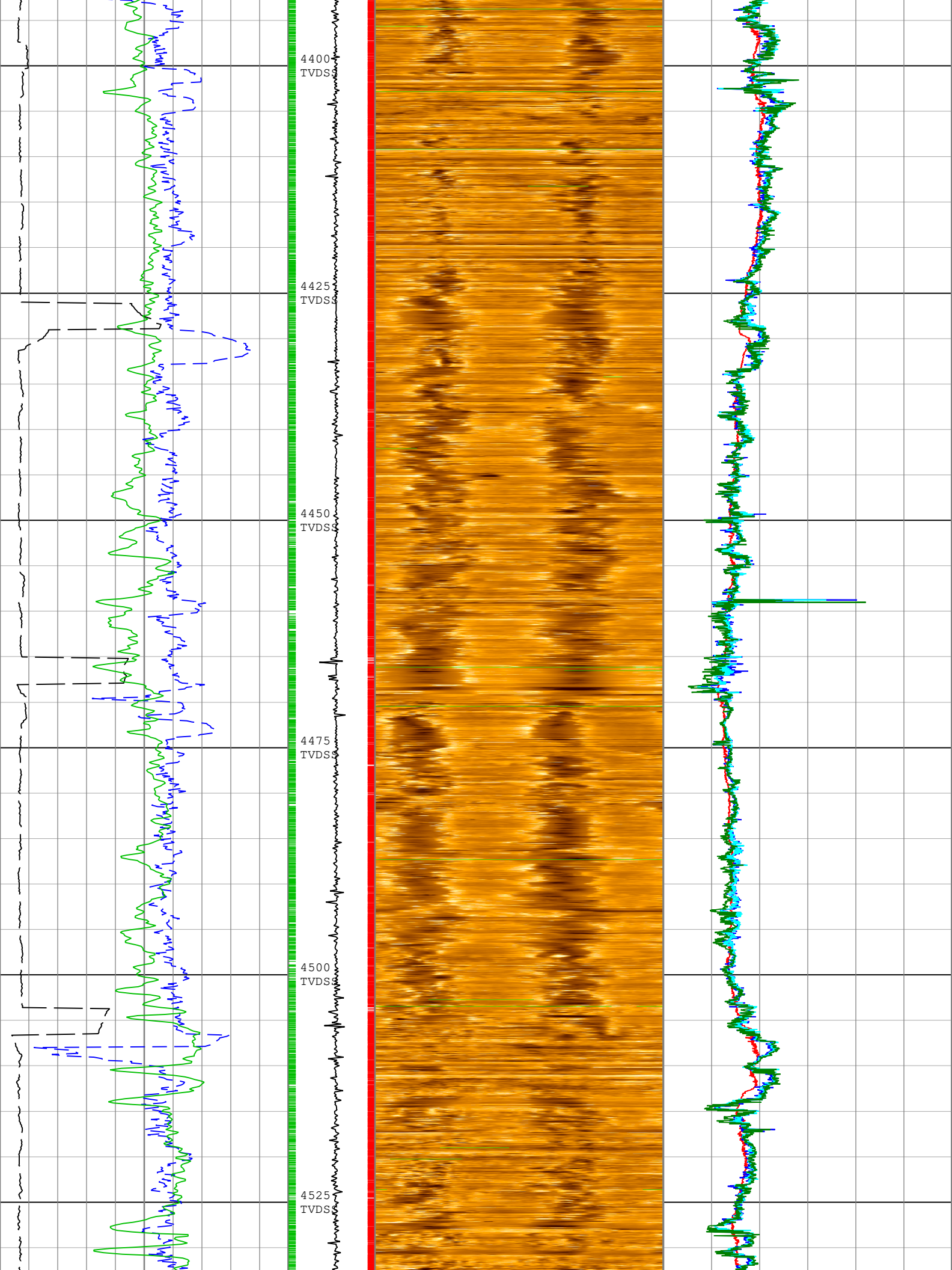


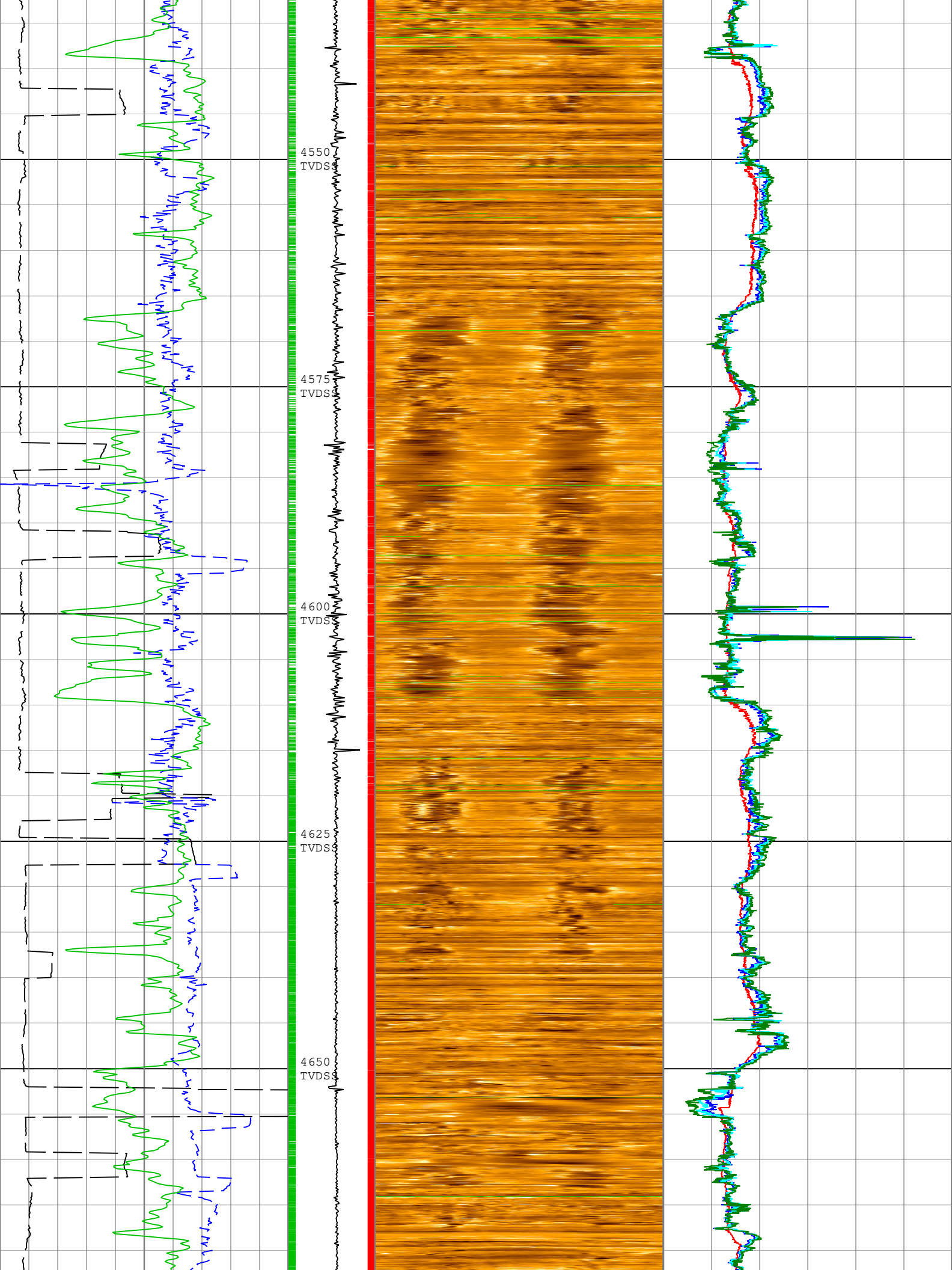


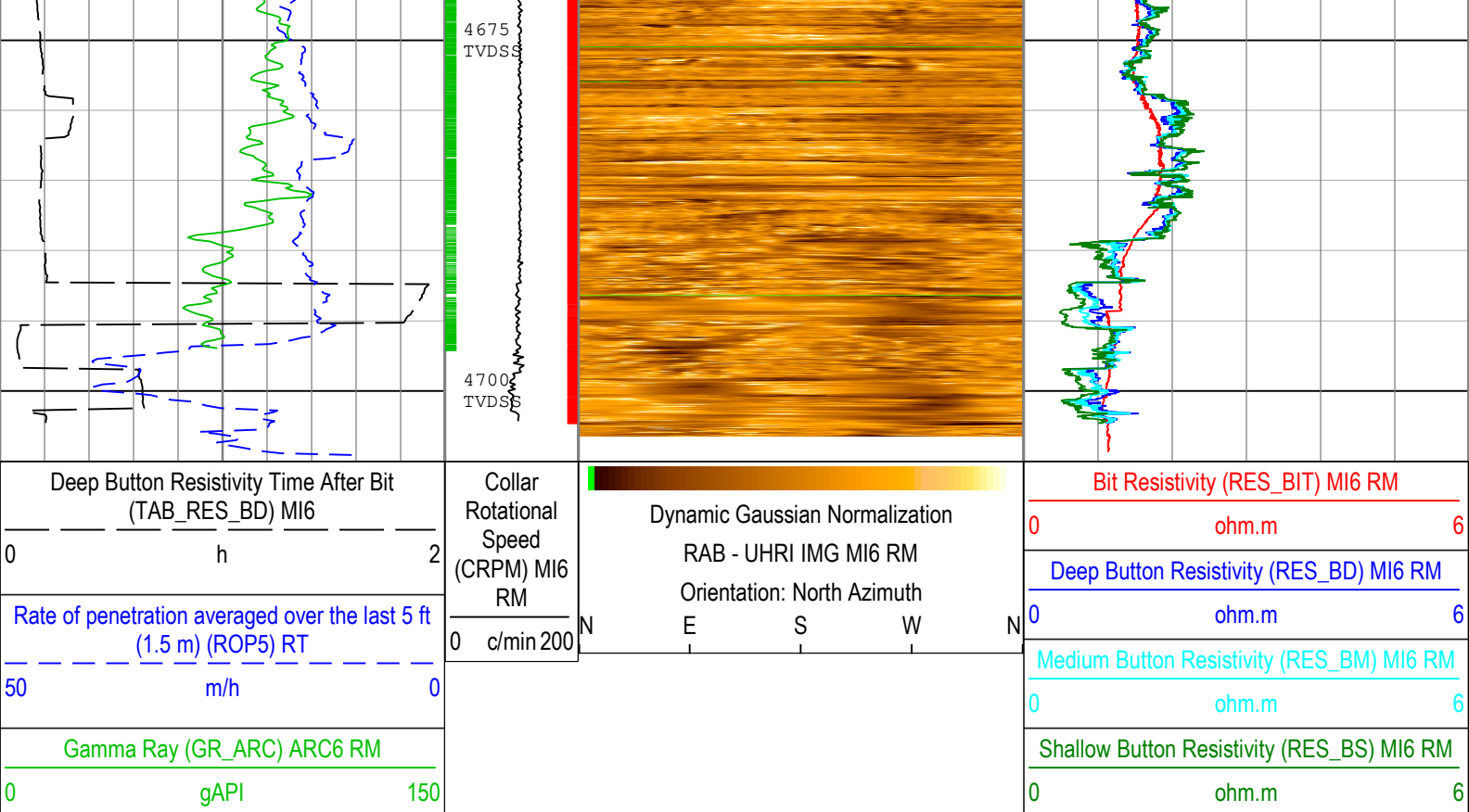












└TICKS_RES - Resistivity Tick Marks MI6 RM

└TICK_ARC_GR - Gamma Ray Tick Marks ARC6 RM

Description: MicroScope Resistivity, Deep Button Image RM Format: Log (MI6 Res, UHRI RM TVD_X) Index Scale: 1:500 Index Unit: m Index Type: SSTVD Creation Date: 11-Mar-2019 10:06:14

Channel Processing Parameters

Run1: Parameters

Parameter	Description	Tool	Value	Unit
BHK	Drilling Fluid Potassium Concentration	Borehole	0	%
BHT	Bottom Hole Temperature	Borehole	100	degC
BS	Bit Size	DNMSESSION	8.5	in
DEPTH_SEL	Depth Selection Parameter	DNMSESSION	Driller's Depth	
DFD	Drilling Fluid Density	Borehole	1.025	g/cm3
DFT_CATEGORY	Drilling Fluid Type	Borehole	Water	
GCSE_RM	Generalized Caliper Selection for DnM recorded mode	Borehole	BS	
GGRD	Geothermal Gradient	Borehole	18.23	degC/km
GRSE_RM	Generalized Mud Resistivity Selection for Recorded Mode	Borehole	REMS(RM)	
GTSE_RM	Generalized Temperature Selection for Recorded Mode	Borehole	GTEM_GRDSURF	
JOBID	Job Identification	DNMSESSION	19JAP0009	
MST	Mud Sample Temperature	Borehole	22.1	degC
RMS	Resistivity of Mud Sample	Borehole	0.2	ohm.m
SHT	Surface Hole Temperature	Borehole	20	degC
UHRI_IMG_T	UHRI Image Type	MI6	UHRI Raw	

Tool Control Parameters

Run1: Parameters

Parameter	Description	Tool	Value	Unit
OFFBTM_TH	Threshold for deciding whether the bit is off bottom	DNMSESSION	0.6	m

MicroScope Repeat Log

Run1_LWD Repeat1 Log

Software Version

Acquisition System	Version
Maxwell 2018 SP2	8.2.104493.3100

Composite Summary

Run Name	Pass Objective	Direction	Top	Bottom	Start	Stop	Include Parallel Data
Run1	Ream Up 2	Up	4163.59 m	4186.33 m	09-Mar-2019 11:05:30 PM	10-Mar-2019 12:17:07 AM	No
Run1	Ream Up 3	Up	4154.55 m	4166.90 m	10-Mar-2019 12:17:23 AM	10-Mar-2019 1:10:19 AM	No
Run1	Ream Up 4	Up	4117.87 m	4155.47 m	10-Mar-2019 1:18:31 AM	10-Mar-2019 3:15:28 AM	No

All depths are referenced to toolstring zero

Log

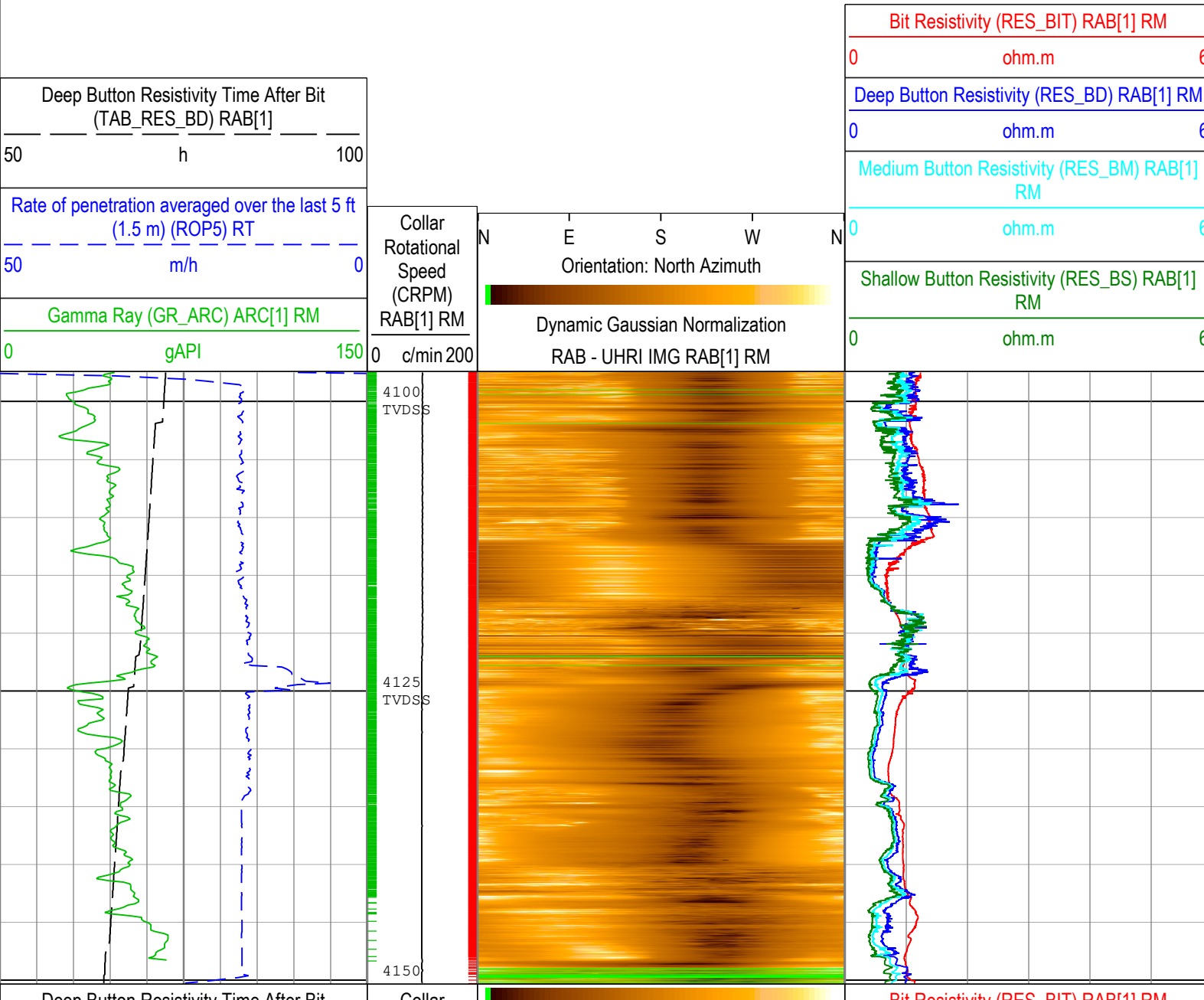
Company: JAMSTEC Well: C0024A

MicroScope Repeat Log: S066

Description: MicroScope Resistivity, Deep Button Image RM Format: Log (MI6 Res, UHRI RM MD_ReamUp_TVD_X) Index Scale: 1:500 Index Unit: m
 Index Type: SSTVD Creation Date: 11-Mar-2019 10:06:28

TICK_ARC_GR - Gamma Ray Tick Marks ARC[1] RM

TICKS_RES - Resistivity Tick Marks RAB[1] RM



(TAB_RES_BD) RAB[1]		
50	h	100
Rate of penetration averaged over the last 5 ft (1.5 m) (ROP5) RT		
50	m/h	0
Gamma Ray (GR_ARC) ARC[1] RM		
0	gAPI	150

Rotational Speed (CRPM) RAB[1] RM
 Dynamic Gaussian Normalization
 RAB - UHRI IMG RAB[1] RM
 Orientation: North Azimuth
 N E S W N

0	ohm.m	6
Deep Button Resistivity (RES_BD) RAB[1] RM		
0	ohm.m	6
Medium Button Resistivity (RES_BM) RAB[1] RM		
0	ohm.m	6
Shallow Button Resistivity (RES_BS) RAB[1] RM		
0	ohm.m	6

└─ TICKS_RES - Resistivity Tick Marks RAB[1] RM

└─ TICK_ARC_GR - Gamma Ray Tick Marks ARC[1] RM

Description: MicroScope Resistivity, Deep Button Image RM Format: Log (MI6 Res, UHRI RM MD_ReamUp_TVD_X) Index Scale: 1:500 Index Unit: m
 Index Type: SSTVD Creation Date: 11-Mar-2019 10:06:28

Channel Processing Parameters

Run1: Parameters

Parameter	Description	Tool	Value	Unit
BHK	Drilling Fluid Potassium Concentration	Borehole	0	%
BHT	Bottom Hole Temperature	Borehole	100	degC
BS	Bit Size	DNMSESSION	8.5	in
DEPTH_SEL	Depth Selection Parameter	DNMSESSION	Driller's Depth	
DFD	Drilling Fluid Density	Borehole	1.025	g/cm3
DFT_CATEGORY	Drilling Fluid Type	Borehole	Water	
GCSE_RM	Generalized Caliper Selection for DnM recorded mode	Borehole	BS	
GGRD	Geothermal Gradient	Borehole	18.23	degC/km
GRSE_RM	Generalized Mud Resistivity Selection for Recorded Mode	Borehole	REMS(RM)	
GTSE_RM	Generalized Temperature Selection for Recorded Mode	Borehole	GTEM_GRDSURF	
JOBID	Job Identification	DNMSESSION	19JAP0009	
MST	Mud Sample Temperature	Borehole	22.1	degC
RMS	Resistivity of Mud Sample	Borehole	0.2	ohm.m
SHT	Surface Hole Temperature	Borehole	20	degC
UHRI_IMG_T	UHRI Image Type	MI6	UHRI Raw	

Tool Control Parameters

Run1: Parameters

Parameter	Description	Tool	Value	Unit
OFFBTM_TH	Threshold for deciding whether the bit is off bottom	DNMSESSION	0.6	m

Run 1

Run1_LWD Repeat2 Log

Software Version

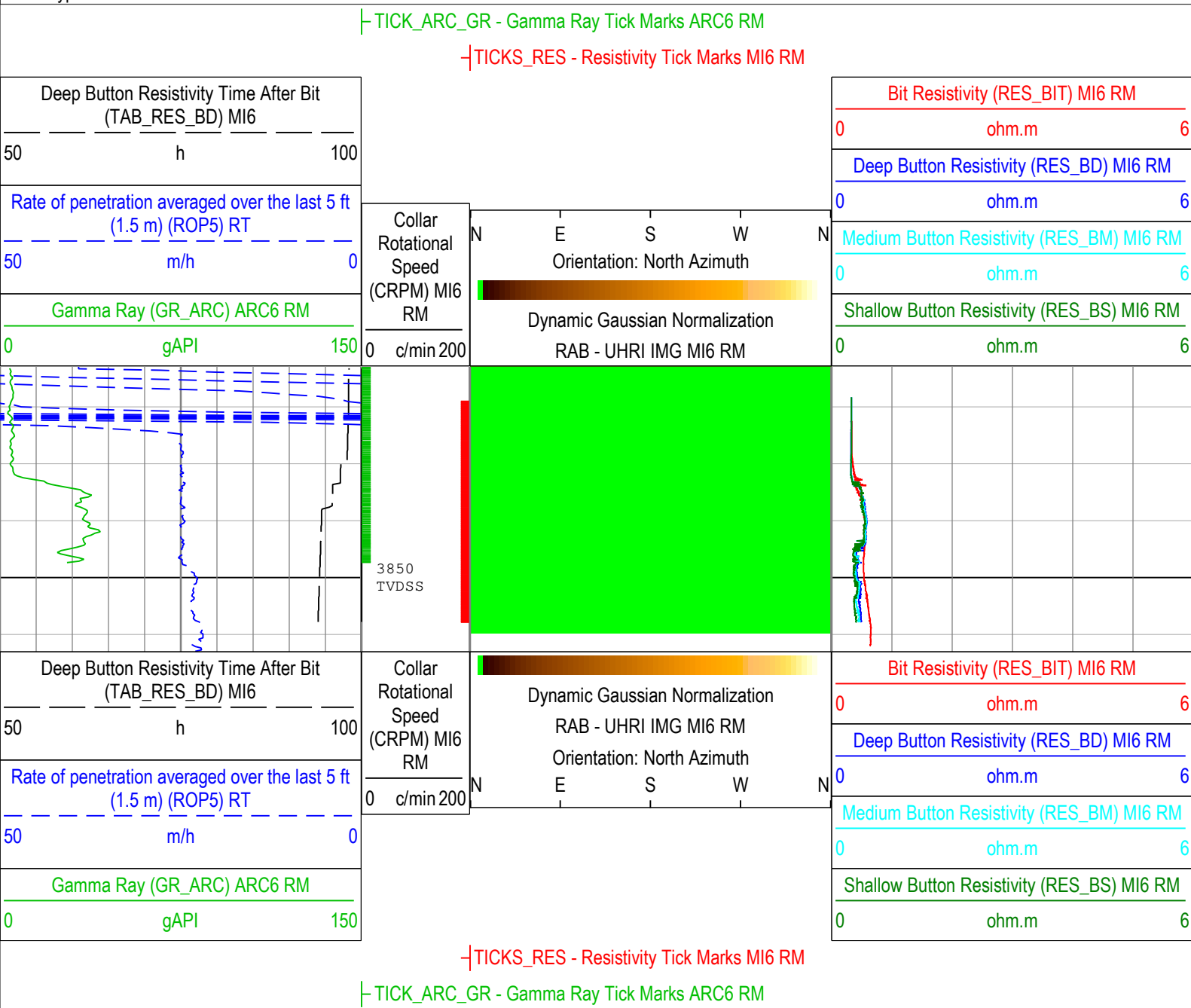
Acquisition System	Version
Maxwell 2018 SP2	8.2.104493.3100

Pass Summary

Run Name	Pass Objective	Direction	Top	Bottom	Start	Stop	Include Parallel Data
Run1	Ream Up 9	Up	3849.32 m	3885.49 m	10-Mar-2019 5:19:10 AM	10-Mar-2019 6:39:25 AM	No

All depths are referenced to toolstring zero

Description: MicroScope Resistivity, Deep Button Image RM Format: Log (MI6 Res, UHRI RM MD_ReamUp_TVD_X) Index Scale: 1:500 Index Unit: m
 Index Type: SSTVD Creation Date: 11-Mar-2019 10:06:31



Description: MicroScope Resistivity, Deep Button Image RM Format: Log (MI6 Res, UHRI RM MD_ReamUp_TVD_X) Index Scale: 1:500 Index Unit: m
 Index Type: SSTVD Creation Date: 11-Mar-2019 10:06:31

Channel Processing Parameters

Run1: Parameters

Parameter	Description	Tool	Value	Unit
BHK	Drilling Fluid Potassium Concentration	Borehole	0	%
BHT	Bottom Hole Temperature	Borehole	100	degC
BS	Bit Size	DNMSESSION	8.5	in
DEPTH_SEL	Depth Selection Parameter	DNMSESSION	Driller's Depth	
DFD	Drilling Fluid Density	Borehole	1.025	g/cm3
DFT_CATEGORY	Drilling Fluid Type	Borehole	Water	
GCSE_RM	Generalized Caliper Selection for DnM recorded mode	Borehole	BS	
GGRD	Geothermal Gradient	Borehole	18.23	degC/km
GRSE_RM	Generalized Mud Resistivity Selection for Recorded Mode	Borehole	REMS(RM)	
GTSE_RM	Generalized Temperature Selection for Recorded Mode	Borehole	GTEM_GRDSURF	

JOBID	Job Identification	DNMSESSION	19JAP0009	
MST	Mud Sample Temperature	Borehole	22.1	degC
RMS	Resistivity of Mud Sample	Borehole	0.2	ohm.m
SHT	Surface Hole Temperature	Borehole	20	degC
UHRI_IMG_T	UHRI Image Type	MI6	UHRI Raw	

Tool Control Parameters

Run1: Parameters

Parameter	Description	Tool	Value	Unit
OFFBTM_TH	Threshold for deciding whether the bit is off bottom	DNMSESSION	0.6	m

Run1

Run1_DML

Software Version

Acquisition System	Version
Maxwell 2018 SP2	8.2.104493.3100

Pass Summary

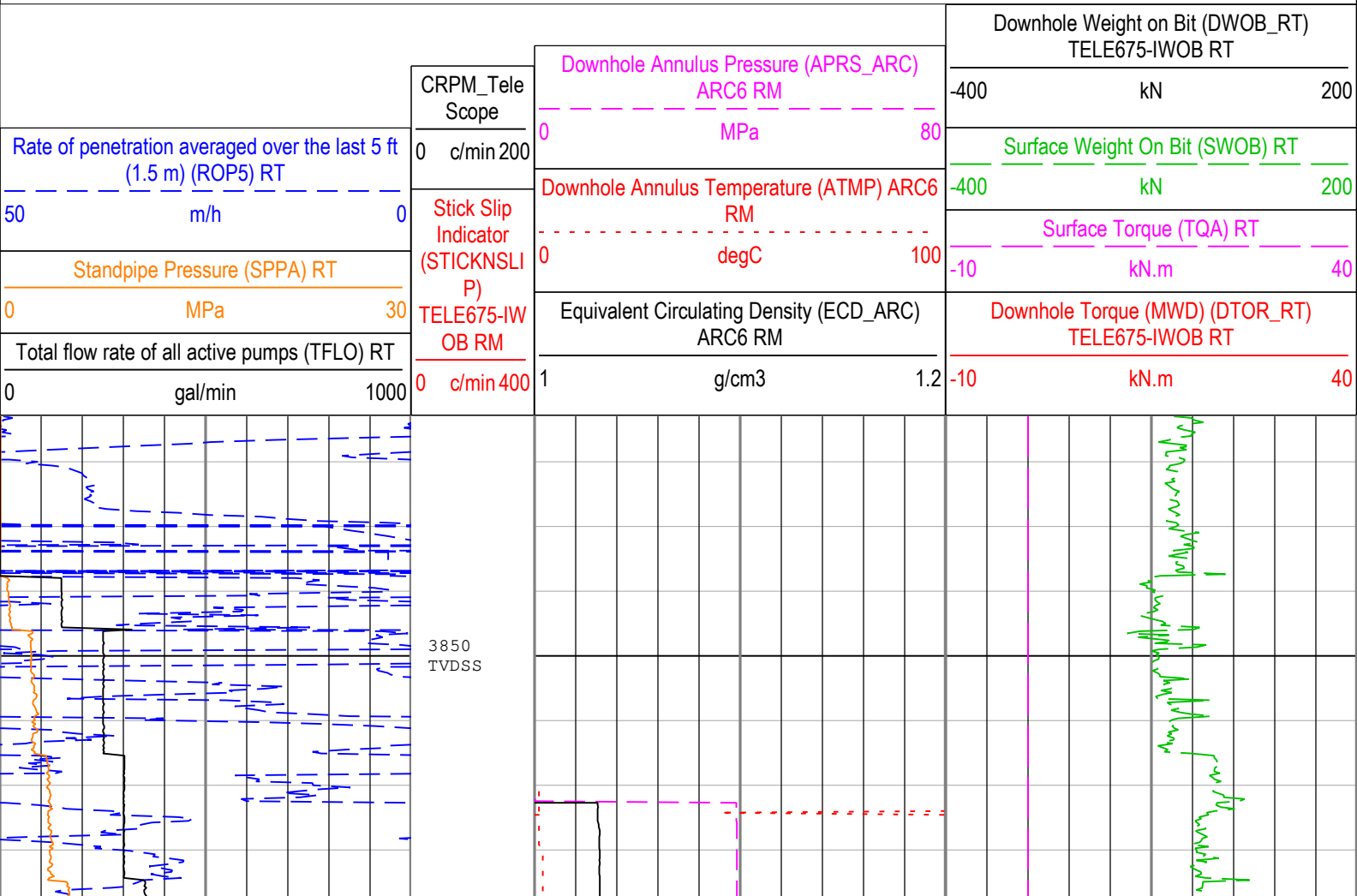
Run Name	Pass Objective	Direction	Top	Bottom	Start	Stop	Include Parallel Data
Run1	Drilling	Down	3799.48 m	4738.57 m	05-Mar-2019 12:00:28 PM	10-Mar-2019 6:17:31 PM	No

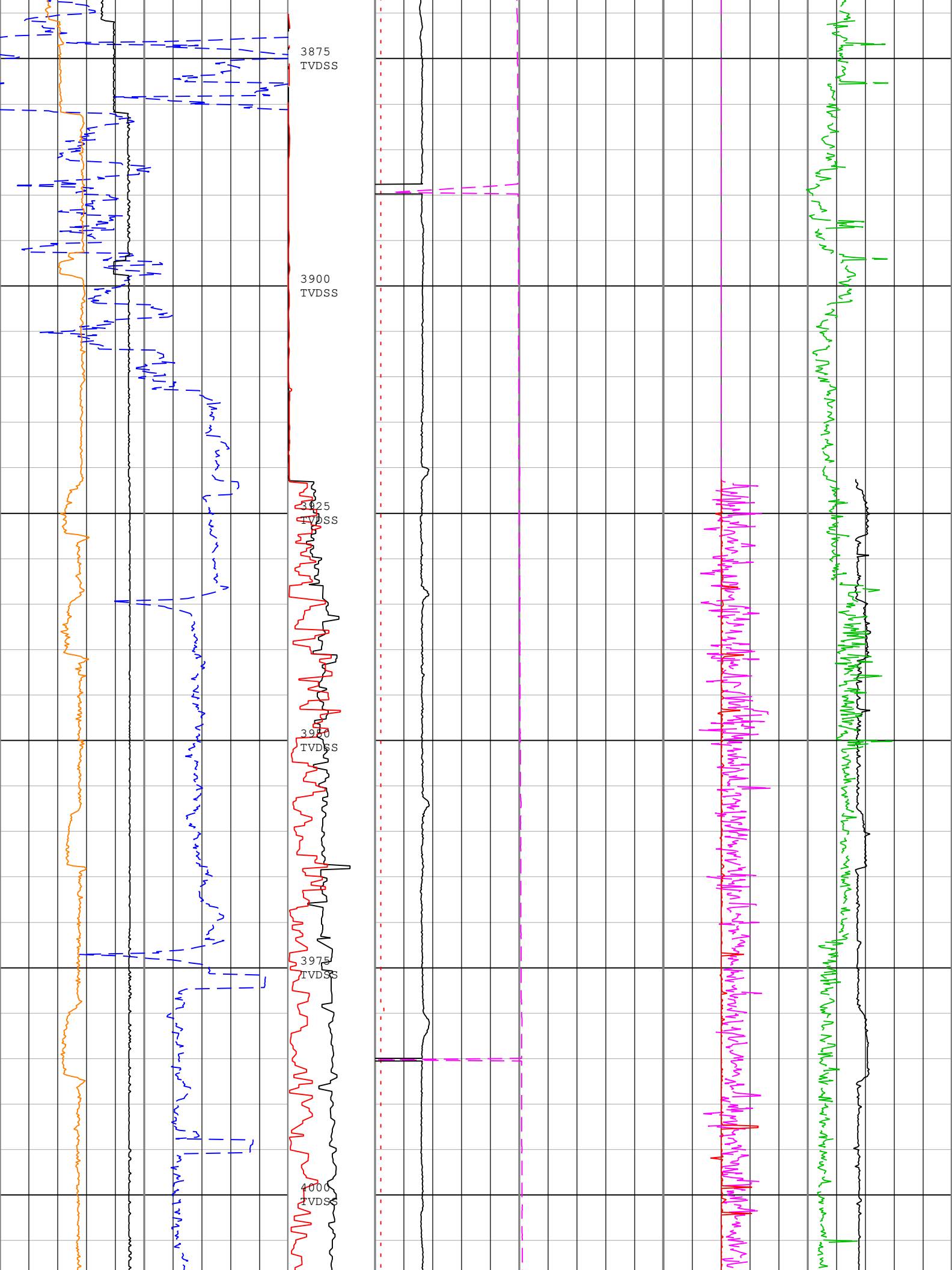
All depths are referenced to toolstring zero

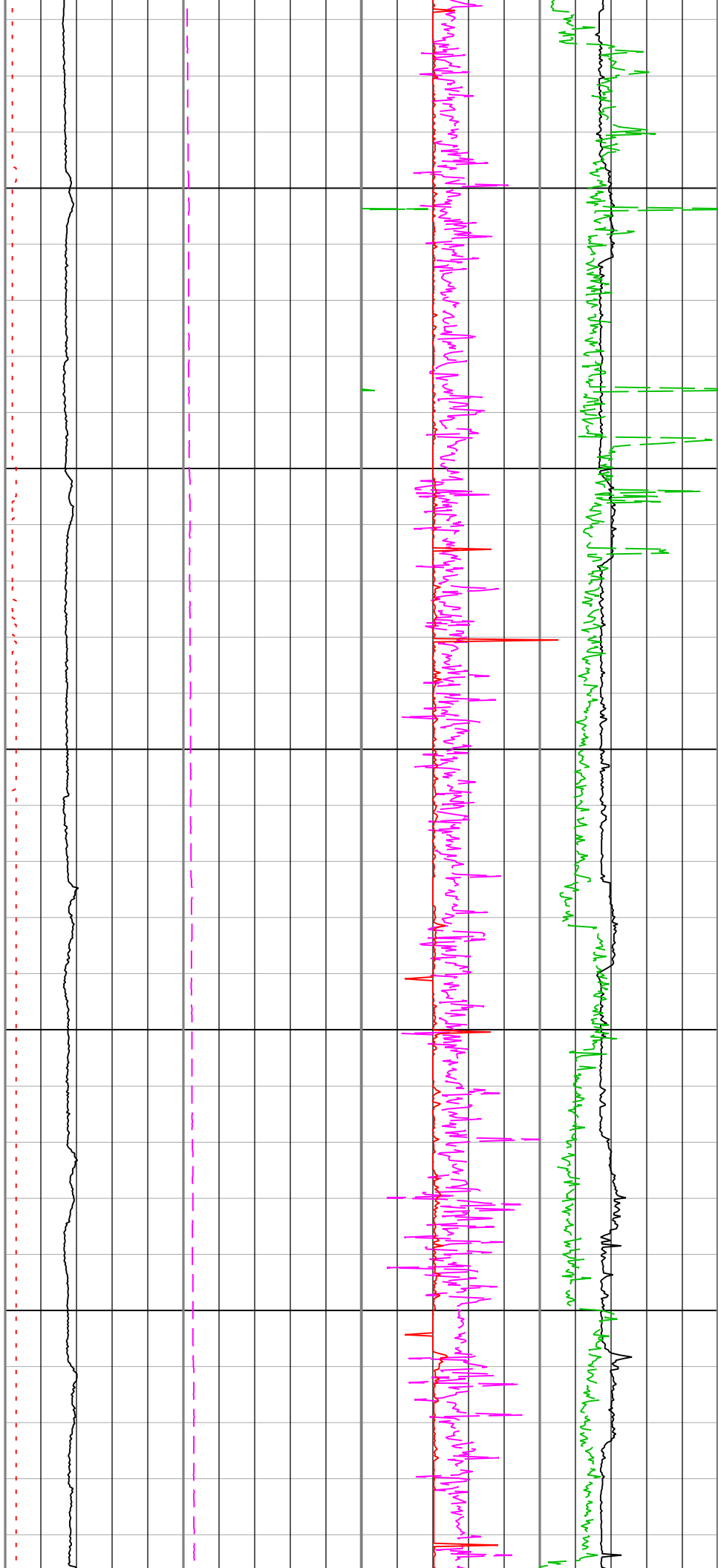
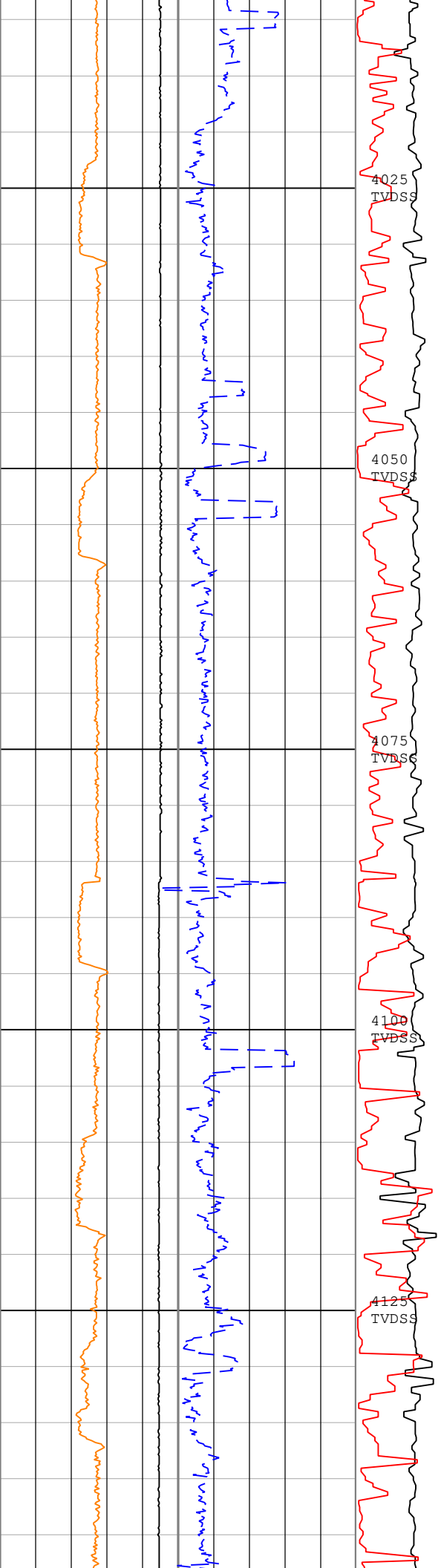
Log

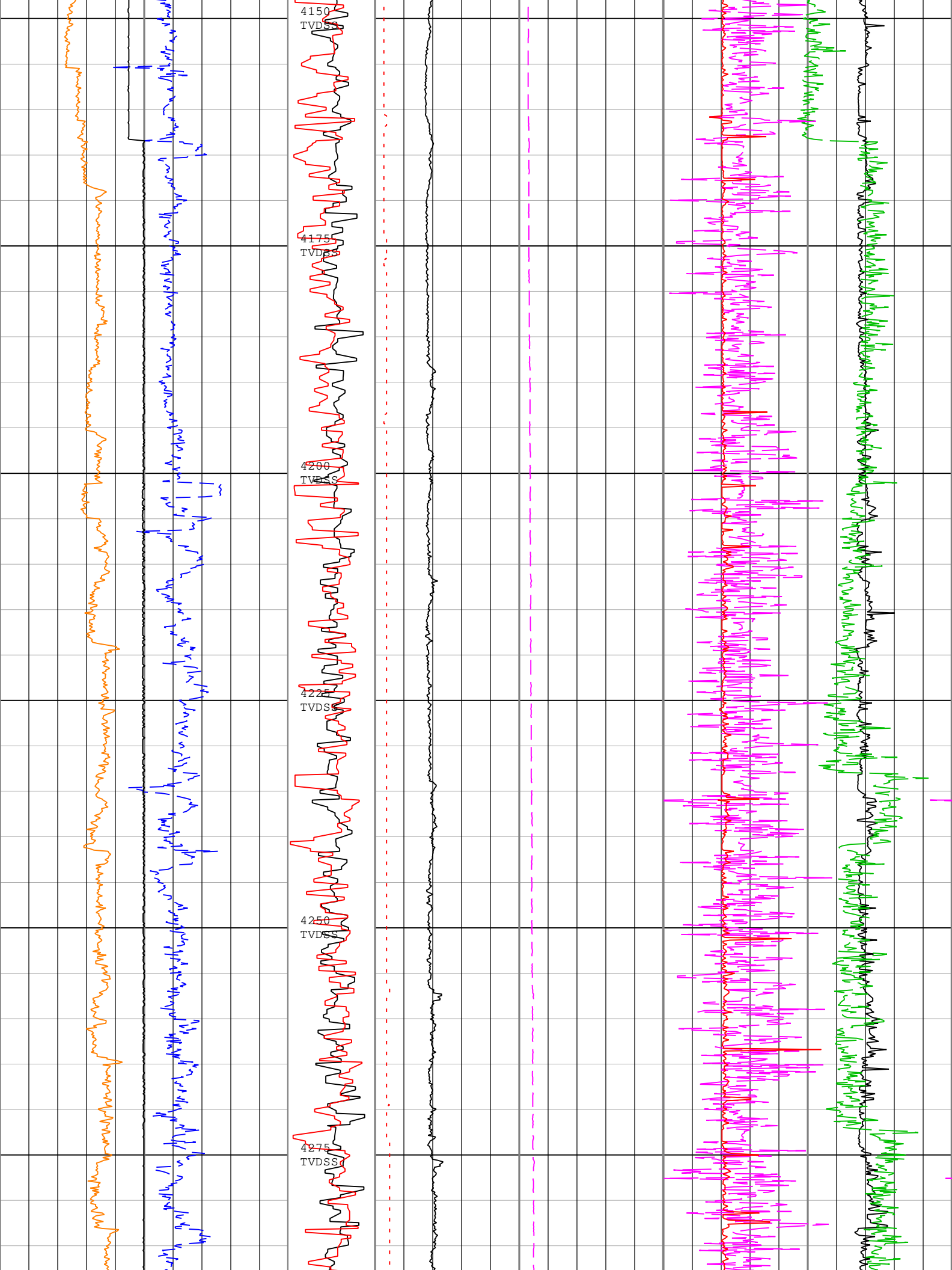
Company: JAMSTEC Well: C0024A
Run1: Drilling: S066

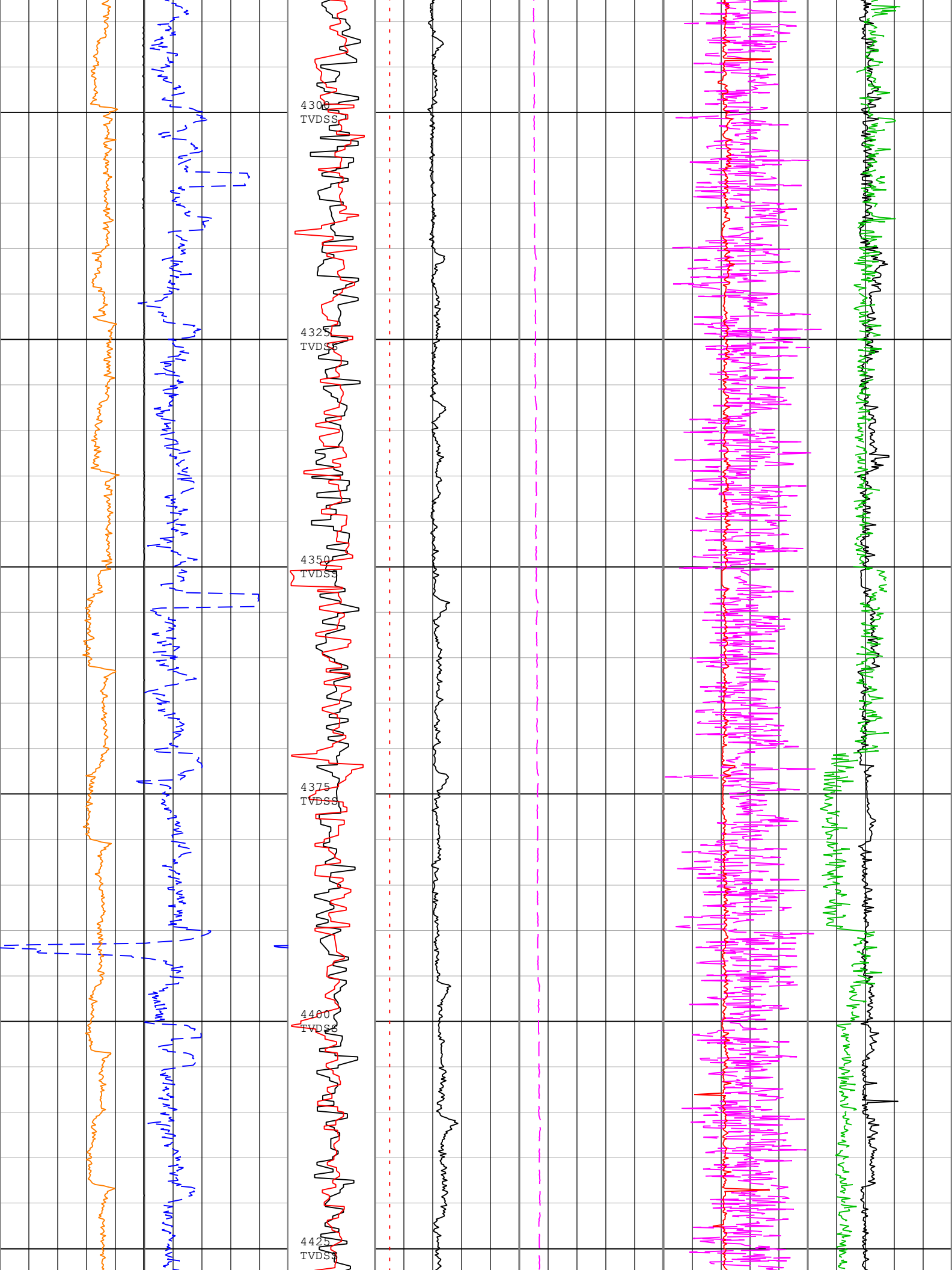
Description: Format: Log (Drilling Mechanics Log 675 RM MD) Index Scale: 1:500 Index Unit: m Index Type: SSTVD Creation Date: 11-Mar-2019 10:06:34

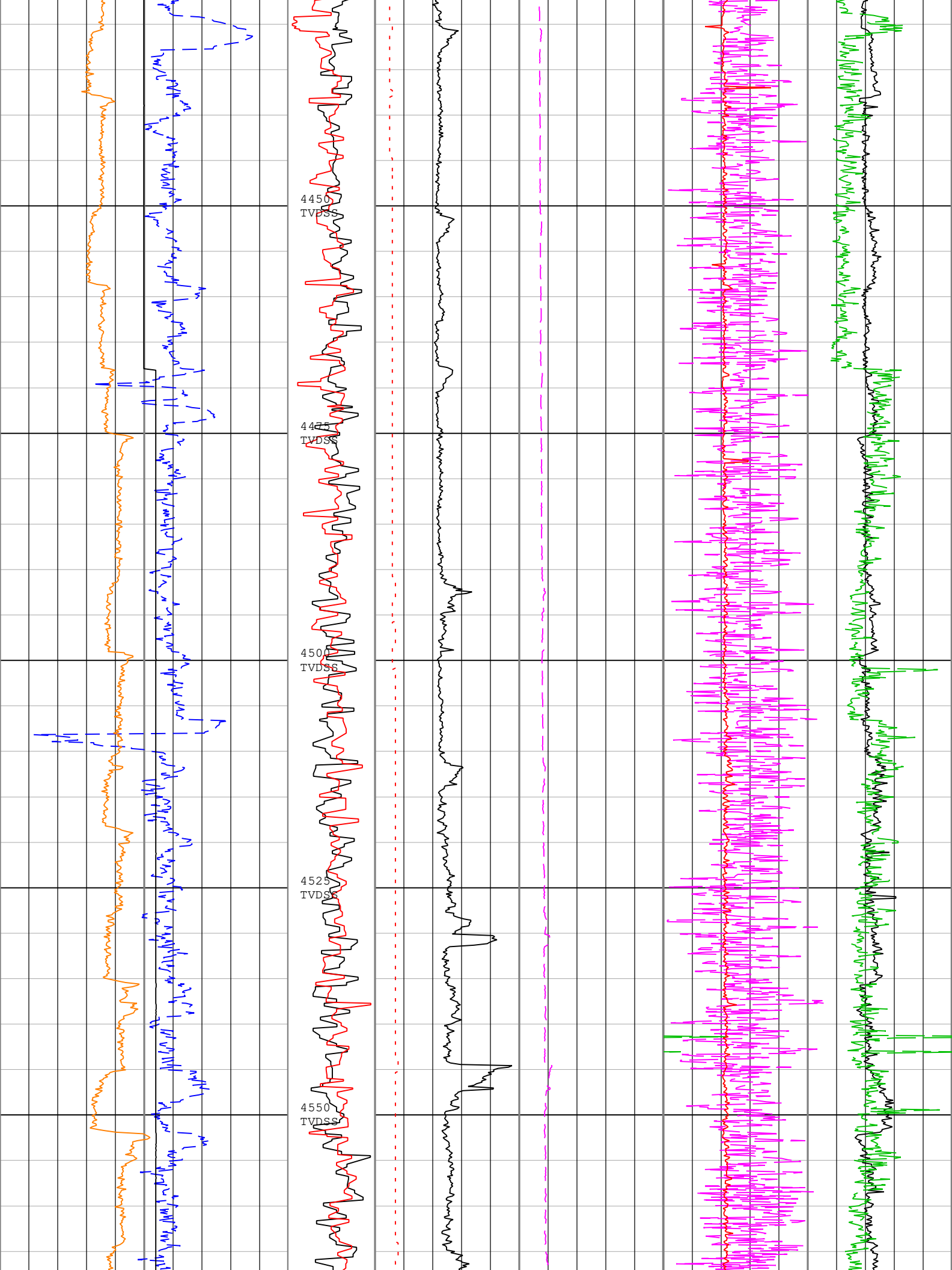


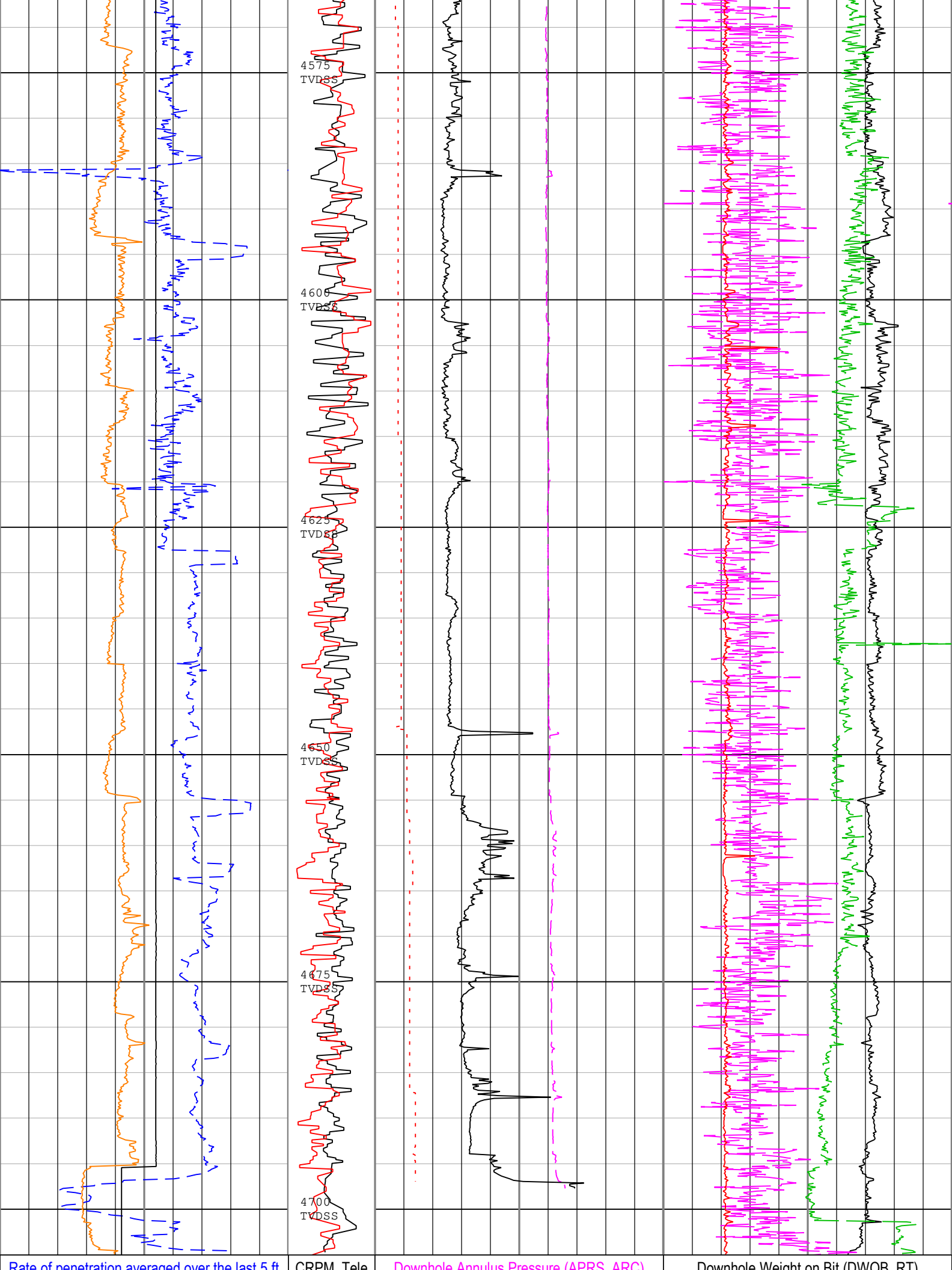












Rate of penetration averaged over the last 5 ft (1.5 m) (ROP5) RT	CRP M_Pole Scope	Downhole Annulus Pressure (ARC6) RM	Downhole Weight On Bit (DWOB_RT) TELE675-IWOB RT
50 m/h	0 c/min 200	0 MPa	-400 kN
Standpipe Pressure (SPPA) RT	Stick Slip Indicator (STICKNSLIP) TELE675-IWOB RM	Downhole Annulus Temperature (ATMP) ARC6 RM	Surface Weight On Bit (SWOB) RT
0 MPa		0 degC	-400 kN
Total flow rate of all active pumps (TFLO) RT		Equivalent Circulating Density (ECD_ARC) ARC6 RM	Surface Torque (TQA) RT
0 gal/min	1 c/min 400	1 g/cm3	-10 kN.m
			Downhole Torque (MWD) (DTOR_RT) TELE675-IWOB RT
			-10 kN.m

Description: Format: Log (Drilling Mechanics Log 675 RM MD) Index Scale: 1:500 Index Unit: m Index Type: SSTVD Creation Date: 11-Mar-2019 10:06:34

Channel Processing Parameters

Run1: Parameters

Parameter	Description	Tool	Value	Unit
DEPTH_SEL	Depth Selection Parameter	DNMSESSION	Driller's Depth	
DFD	Drilling Fluid Density	Borehole	1.025	g/cm3
FLEV	Depth of Drilling Fluid Level to LMF (Log Measured From)	Borehole	2.438	m
RHO_SEAWATER	Density of the Sea Water	Borehole	1.022	g/cm3
SF_FLAG	Mud Return to Sea Floor (No Riser)?	Borehole	No	

Tool Control Parameters

Run1: Parameters

Parameter	Description	Tool	Value	Unit
DTOF	DTOR Offset	TELE675-IWOB	Time Zoned	kN.m
DWOB_BETA	DWOB Beta Pressure Correction Factor	TELE675-IWOB	Time Zoned	
DWOF	DWOB Offset	TELE675-IWOB	Time Zoned	kN
DWOB_ZEROTOOLP	DWOB Differential Pressure Drop at Zero Weight-on-Bit	TELE675-IWOB	Time Zoned	MPa
OFFBTM_TH	Threshold for deciding whether the bit is off bottom	DNMSESSION	0.6	m

Time Zone Parameters

Parameter	Value	Start Time	Stop Time	Start Depth (m)	Stop Depth (m)
DTOF		05-Mar-2019 12:00:28	06-Mar-2019 12:05:03	3770.984	3921.784
DTOF	-12.57	06-Mar-2019 12:05:03	10-Mar-2019 18:17:31	3921.784	4710.073
DWOB_BETA		05-Mar-2019 12:00:28	06-Mar-2019 12:11:39	3770.984	3921.784
DWOB_BETA	2.74	06-Mar-2019 12:11:39	06-Mar-2019 20:41:39	3921.784	4010.075
DWOB_BETA	2.69	06-Mar-2019 20:41:39	06-Mar-2019 20:42:00	4010.075	4010.075
DWOB_BETA	2.67	06-Mar-2019 20:42:00	10-Mar-2019 18:17:31	4010.075	4710.073
DWOF		05-Mar-2019 12:00:28	06-Mar-2019 12:11:39	3770.984	3921.784
DWOF	-349.19	06-Mar-2019 12:11:39	06-Mar-2019 20:41:39	3921.784	4010.075
DWOF	-353.63	06-Mar-2019 20:41:39	10-Mar-2019 18:17:31	4010.075	4710.073
DWOB_ZEROTOOLP		05-Mar-2019 12:00:28	06-Mar-2019 12:11:39	3770.984	3921.784
DWOB_ZEROTOOLP	2.22	06-Mar-2019 12:11:39	06-Mar-2019 20:41:39	3921.784	4010.075
DWOB_ZEROTOOLP	2.22	06-Mar-2019 20:41:39	06-Mar-2019 20:42:00	4010.075	4010.075
DWOB_ZEROTOOLP	2.22	06-Mar-2019 20:42:00	10-Mar-2019 18:17:31	4010.075	4710.073

All depth are at tool zero.

Calibration Report

ARC6 (Array Resistivity Compensated 675) Calibration - Run Run1

Primary Equipment : Elec. Chassis HP with AIM Receiver AREA

RESAIRCAL - Resistivity: Air

Master (Time Frame File): 01:33:55 03-Jan-2019

Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
Attenuation T1 at 2 MHz	dB	Master	8.500	6.500	8.298	10.500	
Attenuation T2 at 2 MHz	dB	Master	6.500	4.500	6.662	8.500	
Attenuation T3 at 2 MHz	dB	Master	4.500	2.500	4.923	6.500	
Attenuation T4 at 2 MHz	dB	Master	4.600	2.600	4.570	6.600	
Attenuation T5 at 2 MHz	dB	Master	3.600	1.600	3.479	5.600	
Phase Shift T1 at 2 MHz	deg	Master	0.100	-3.900	0.001	4.100	
Phase Shift T2 at 2 MHz	deg	Master	0.100	-3.900	0.071	4.100	
Phase Shift T3 at 2 MHz	deg	Master	0.100	-3.900	-0.071	4.100	
Phase Shift T4 at 2 MHz	deg	Master	0.100	-3.900	0.042	4.100	
Phase Shift T5 at 2 MHz	deg	Master	0.100	-3.900	-0.086	4.100	
Attenuation T1 at 400 KHz	dB	Master	8.500	6.500	8.261	10.500	
Attenuation T2 at 400 KHz	dB	Master	6.500	4.500	6.711	8.500	
Attenuation T3 at 400 KHz	dB	Master	4.500	2.500	4.874	6.500	
Attenuation T4 at 400 KHz	dB	Master	4.600	2.600	4.611	6.600	
Attenuation T5 at 400 KHz	dB	Master	3.600	1.600	3.437	5.600	
Phase Shift T1 at 400 KHz	deg	Master	0.100	-3.900	0.907	4.100	
Phase Shift T2 at 400 KHz	deg	Master	0.100	-3.900	-1.041	4.100	
Phase Shift T3 at 400 KHz	deg	Master	0.100	-3.900	0.956	4.100	
Phase Shift T4 at 400 KHz	deg	Master	0.100	-3.900	-1.006	4.100	
Phase Shift T5 at 400 KHz	deg	Master	0.100	-3.900	0.952	4.100	

GRGAIN - Gamma Ray: Blanket

Master (Time Frame File): 00:31:30 03-Jan-2019

Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
Gamma Ray Calibration Gain		Master	1.000	0.580	1.068	1.250	

Company: JAMSTEC
Well: C0024A
Field: C0024
Rig Name: D/V Chikyu
Prefecture: Wakayama
Country: Japan





MicroScope HD Resistivity Image

Gamma Ray - Resistivity - HD Resistivity Image

C0024A Run1, Recorded Mode Log, TVDSS 1:500