MicroScope HD Resistivity Image

Gamma Ray - Resistivity - HD Resistivity Image

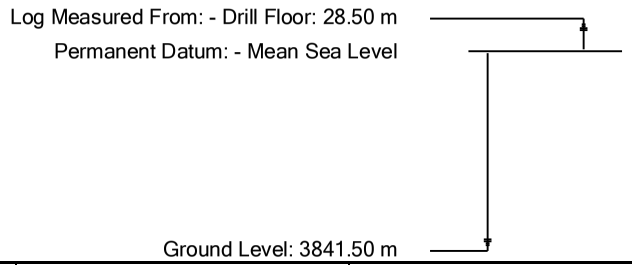
C0024A Run1, Recorded Mode Log, TVDSS 1:200

Schlumberger

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

Latitude:	33° 2' 2.638" N	UWID:	
Longitude:	136° 47' 23.946" E	Rig Name:	D/V Chikyu
Block:		Rig Type:	Drill ship

FL:	Pacific Ocean
FL1:	X=667,159.78m
FL2:	Y=3,656,517.23m



Acquisition Dates:	05-Mar-2019 -- 10-Mar-2019
Log Interval:	3870.00(m)TVD- 4734.27(m)TVD
Index Types:	SSTVD
Index Scales:	1:200
Depth Source:	Driller's Depth
Depth Sensor:	DES
Print Type:	Field
Spud Date:	06-Mar-2019

Other Services:

Direction and Inclination

seismicVISION

SonicScope

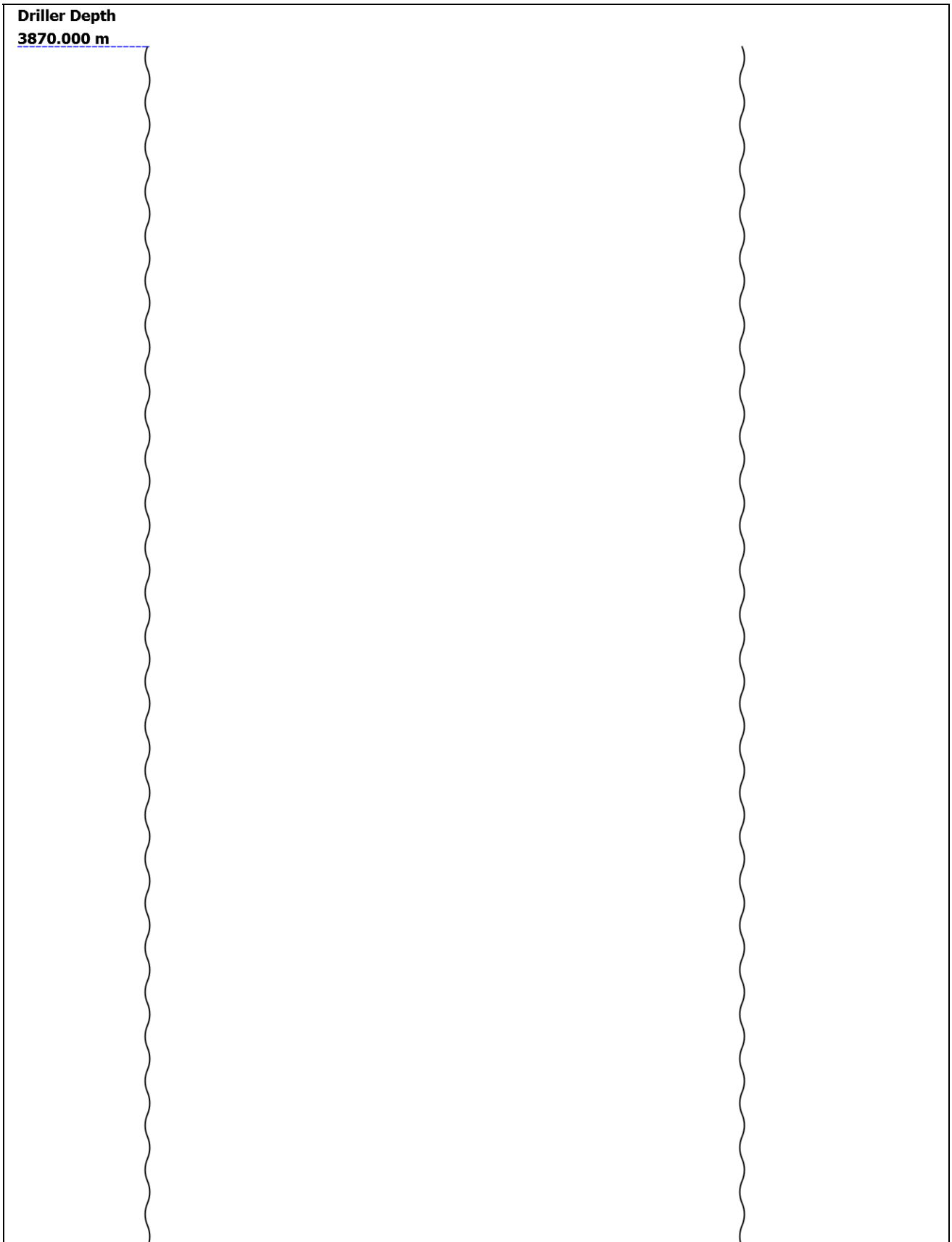
Disclaimer

THE USE OF AND RELIANCE UPON THIS RECORDED-DATA BY THE HEREIN NAMED COMPANY (AND ANY OF ITS AFFILIATES, PARTNERS, REPRESENTATIVES, AGENTS, CONSULTANTS AND EMPLOYEES) IS SUBJECT TO THE TERMS AND CONDITIONS AGREED UPON BETWEEN SCHLUMBERGER AND THE COMPANY, INCLUDING: (a) RESTRICTIONS ON USE OF THE RECORDED-DATA; (b) DISCLAIMERS AND WAIVERS OF WARRANTIES AND REPRESENTATIONS REGARDING COMPANY'S USE AND RELIANCE UPON THE RECORDED-DATA; AND (c) CUSTOMER'S FULL AND SOLE RESPONSIBILITY FOR ANY INFERENCE DRAWN OR DECISION MADE IN CONNECTION WITH THE USE OF THIS RECORDED-DATA.

Contents

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

Well Sketch



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/YePu					
Witnessed By	Y.Sanada/Y.Kido					
Service Order Number	19JAP0009					

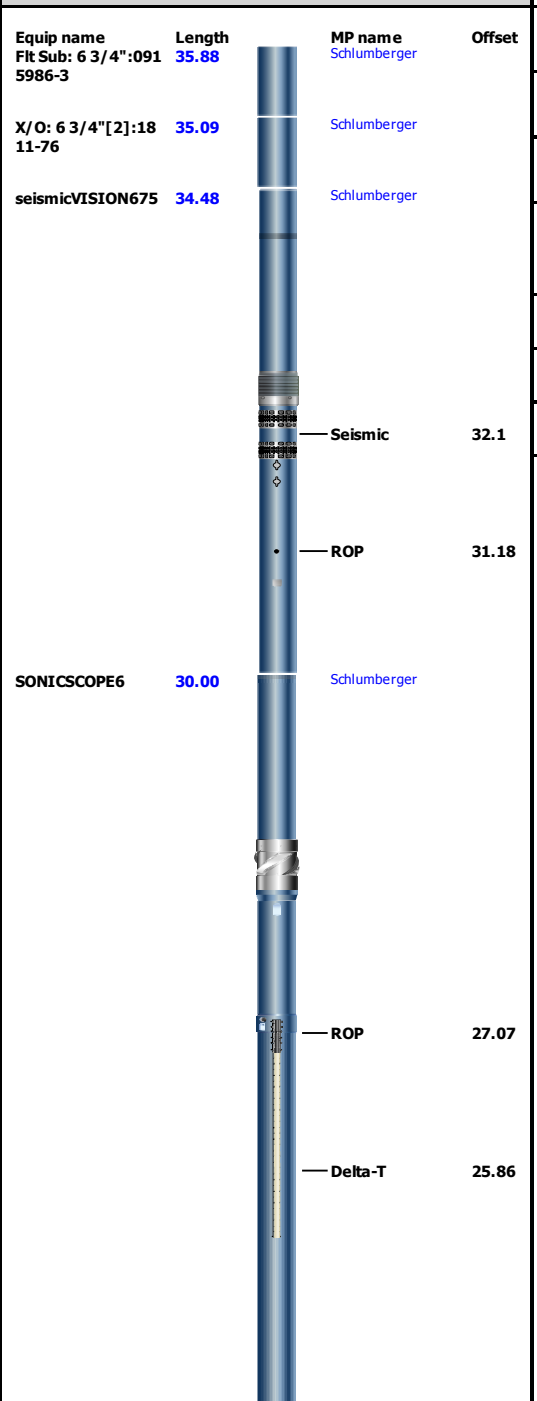
Borehole Fluids

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

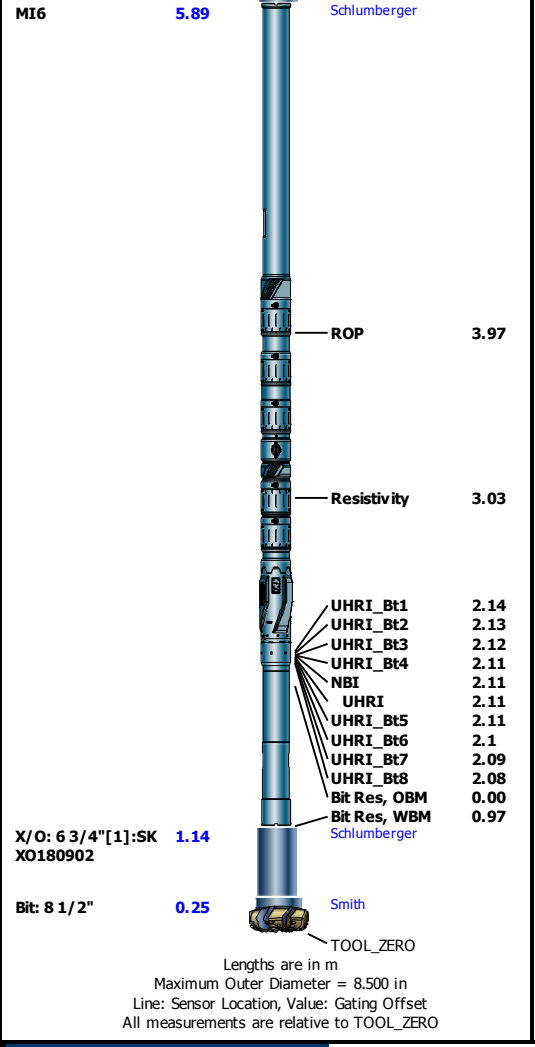
Run1: Toolstring



Run1: Remarks

Depth Reference is driller's depth measured from Rotary Table.
Data presented is Recorded Mode data which was acquired while drilling.
MicroScope record rate is depending on RPM. APWD record rate is 10s.
arcVISION GR is environmentally corrected for bit size, mud weight. No potassium content is assumed in sea water.
Reason of POOH:Client called TD.
Pumping Time:90.59hrs.
Drilling Time:50.20hrs.

TELE675-IWOB	**19.99**	Schlumberger
ARC6	**11.56**	Schlumberger



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

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	90.00	0.00	TIP	28	0	0

1	0.00	0.00	0.00	- - - -	0.00	0.00	0.00	0.00	0.00	90.00	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

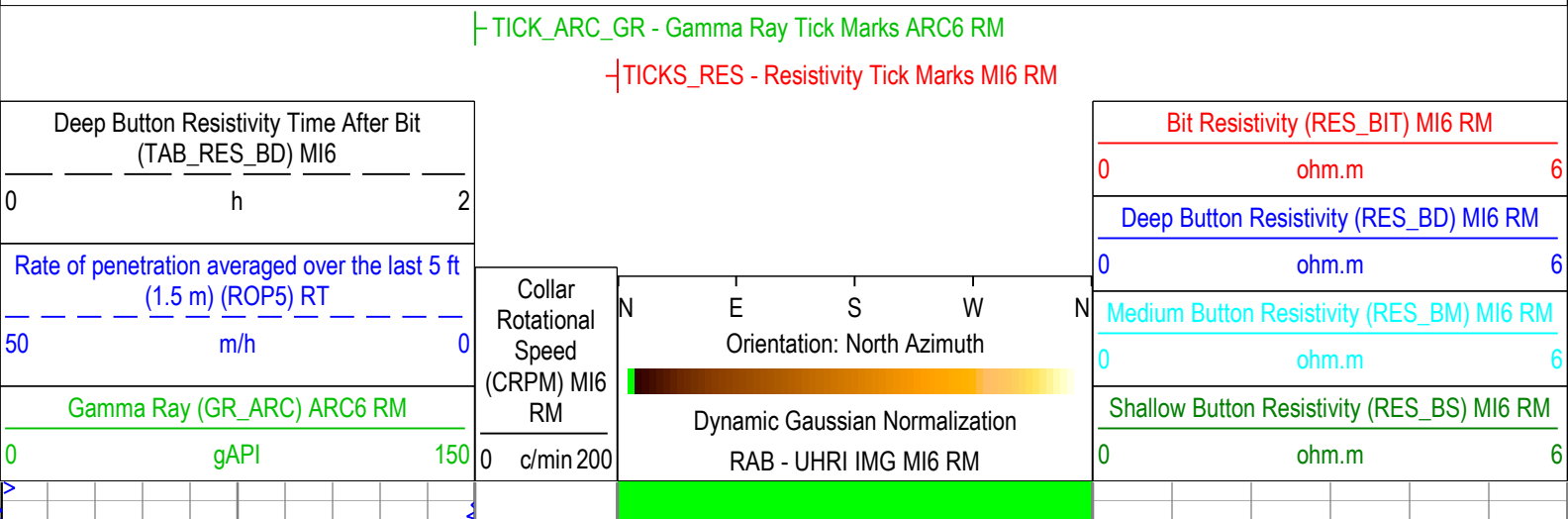
All depths are referenced to toolstring zero

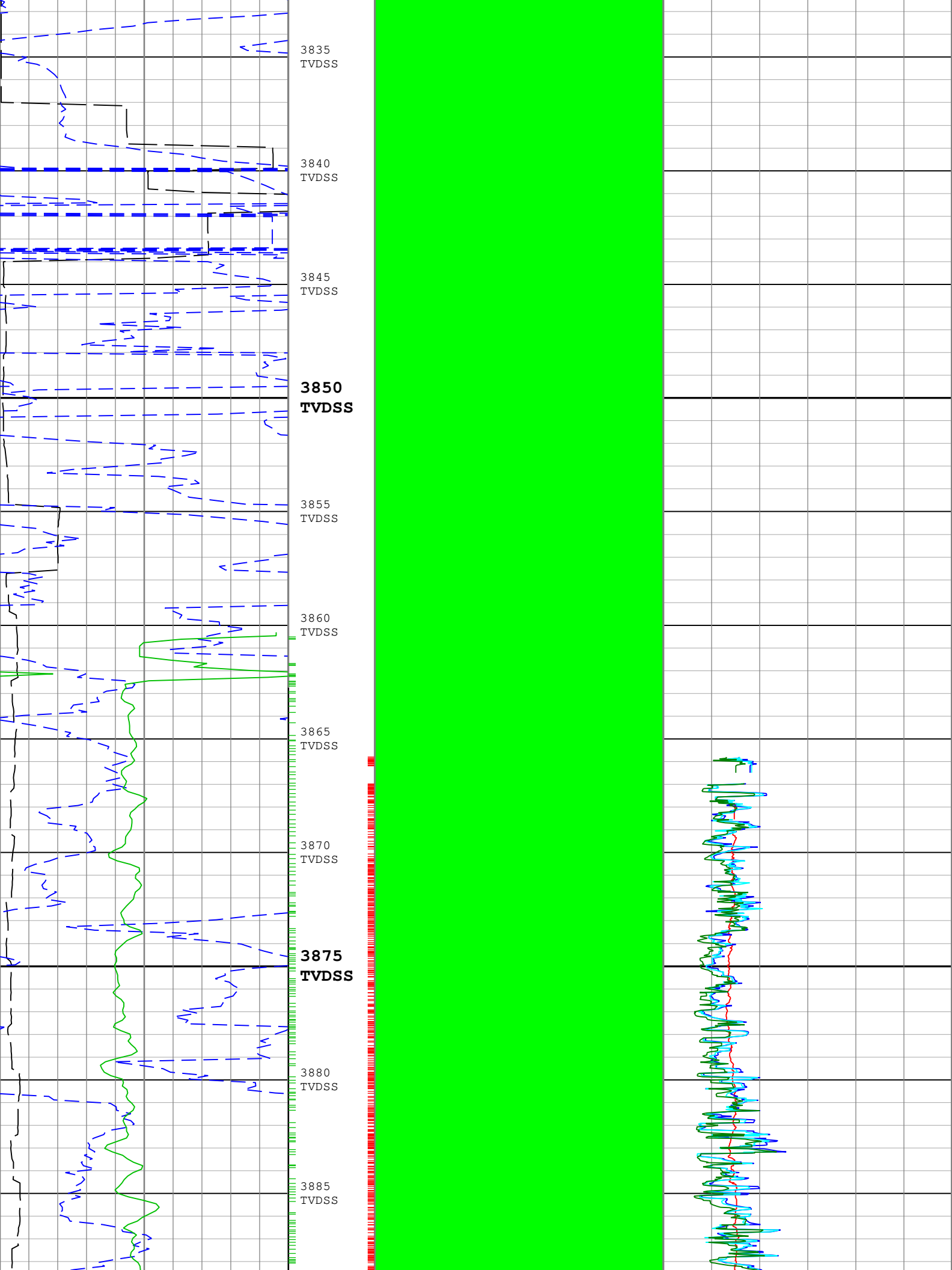
Log

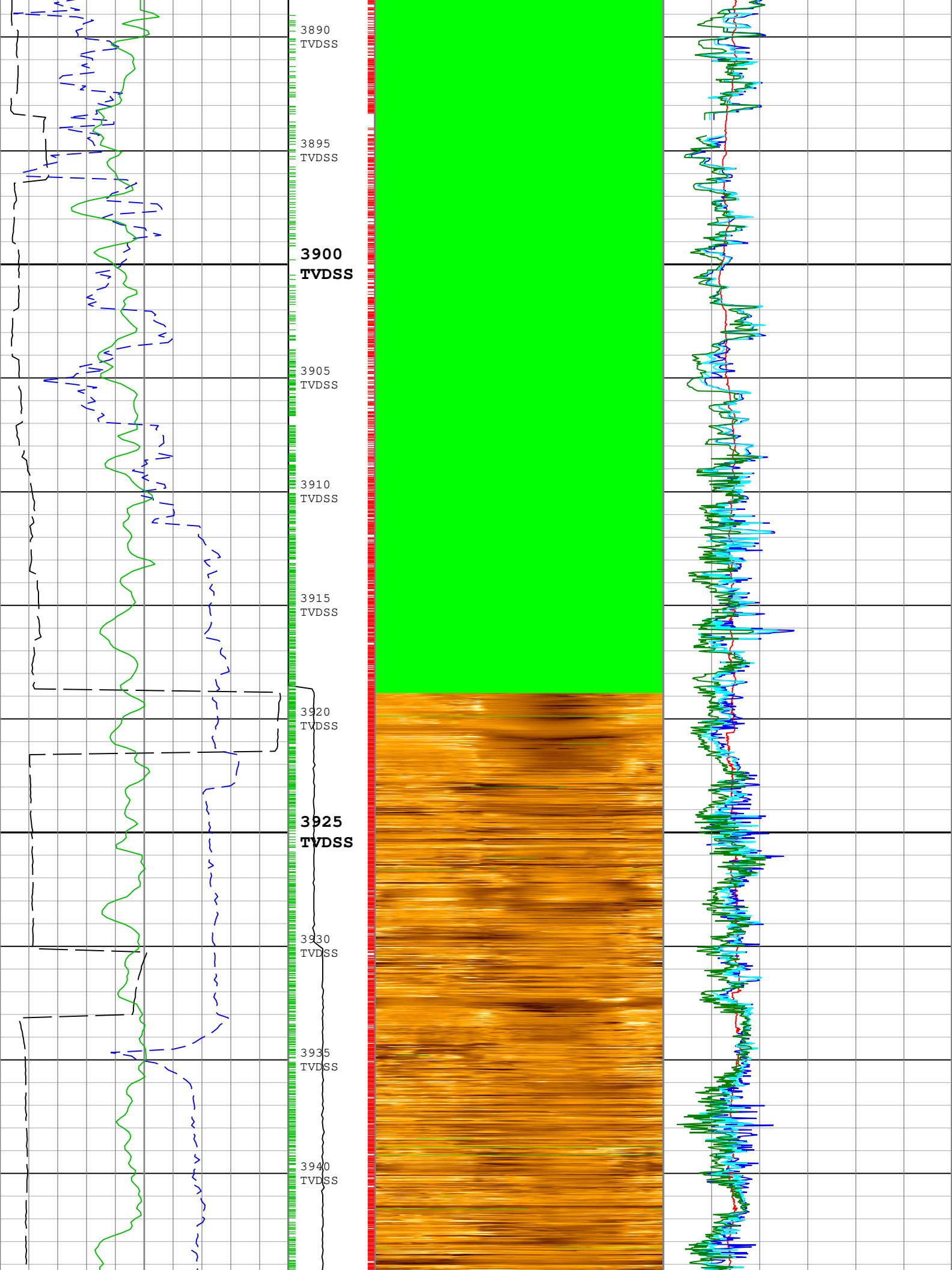
Company:JAMSTEC Well:C0024A

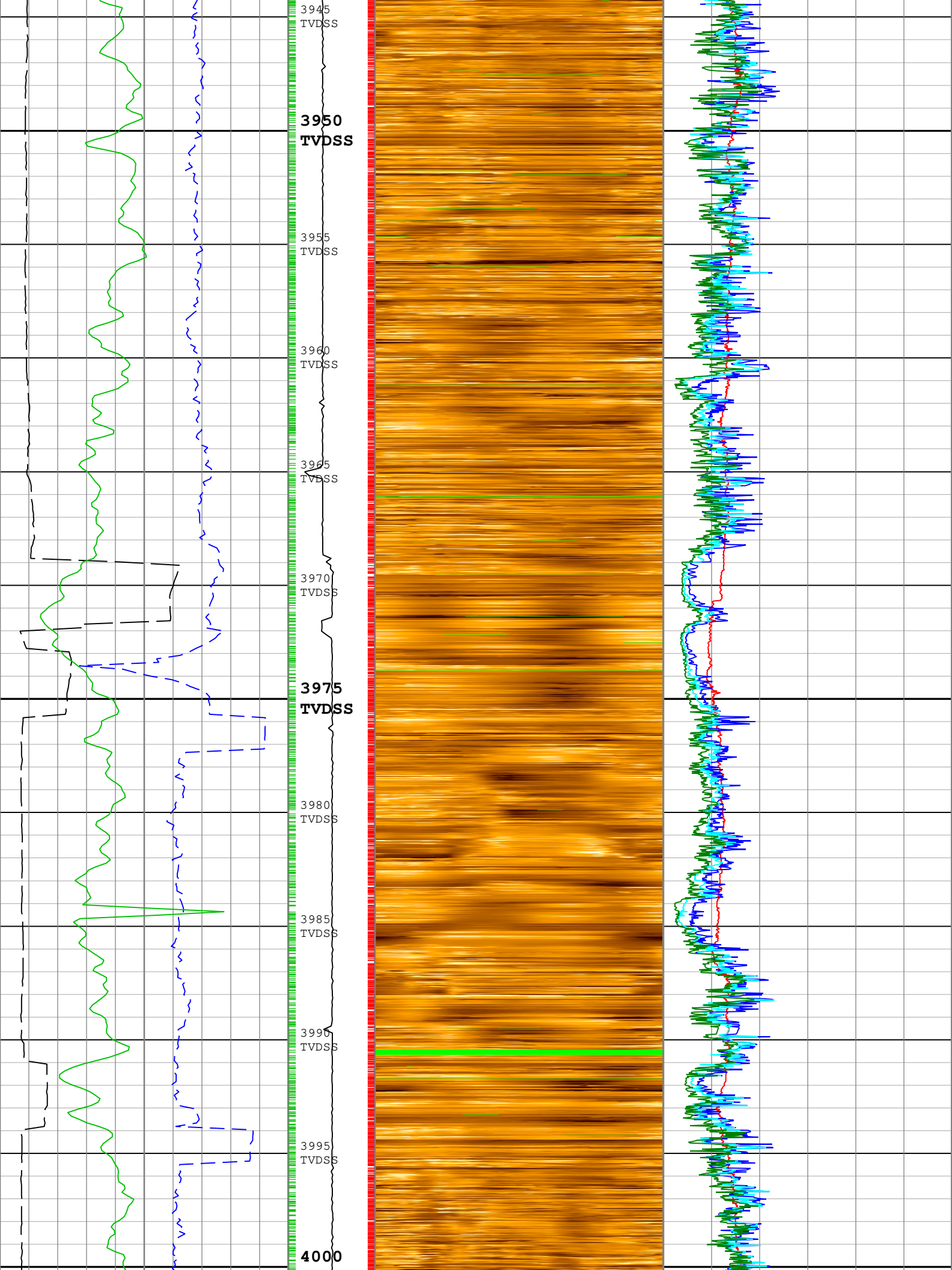
Run1: Drilling:S066

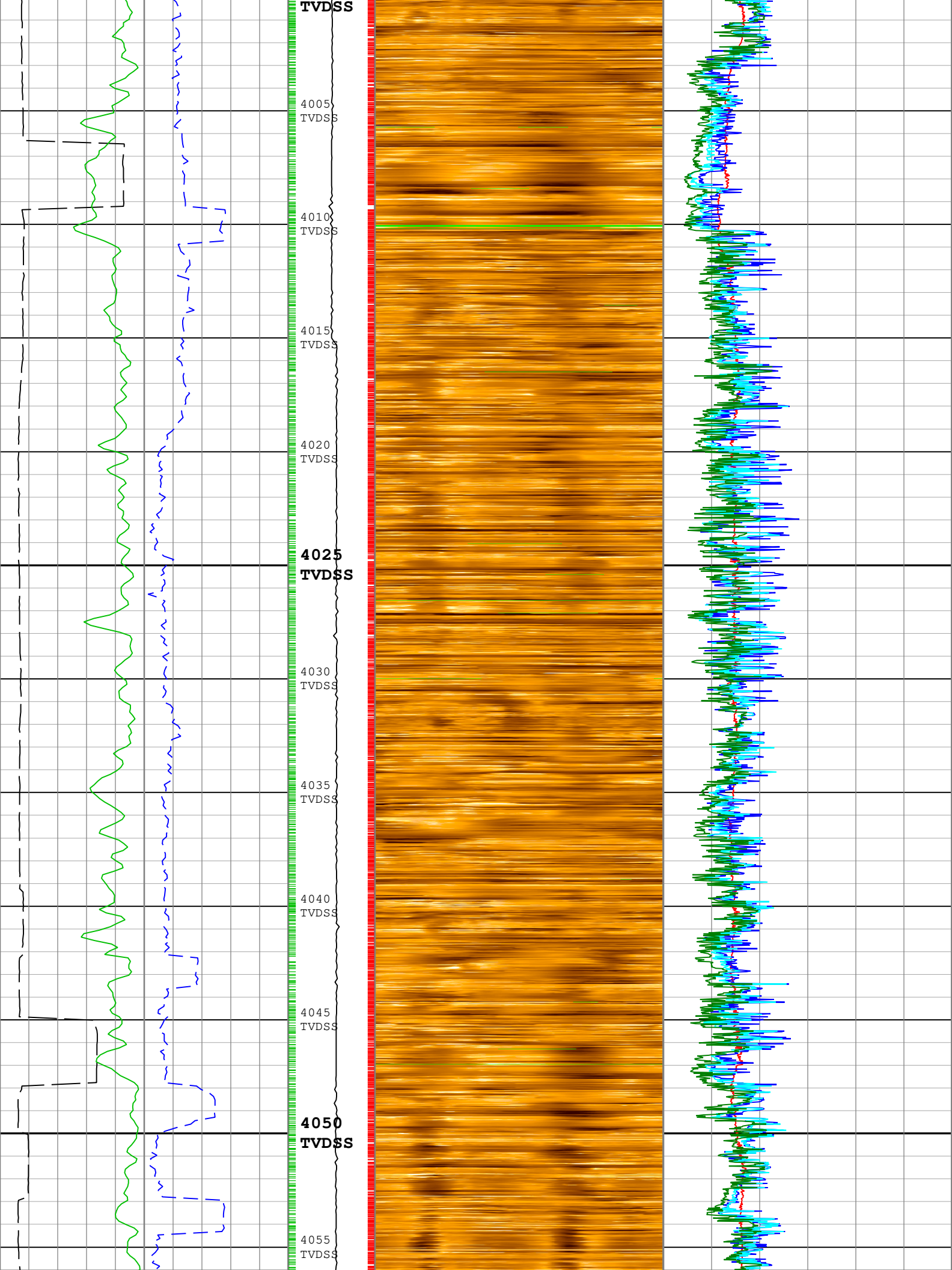
Description: MicroScope Resistivity, Deep Button Image RM Format: Log (MI6 Res, UHRI RM TVD_X) Index Scale: 1:200 Index Unit: m Index Type: SSTVD Creation Date: 11-Mar-2019 10:07:39

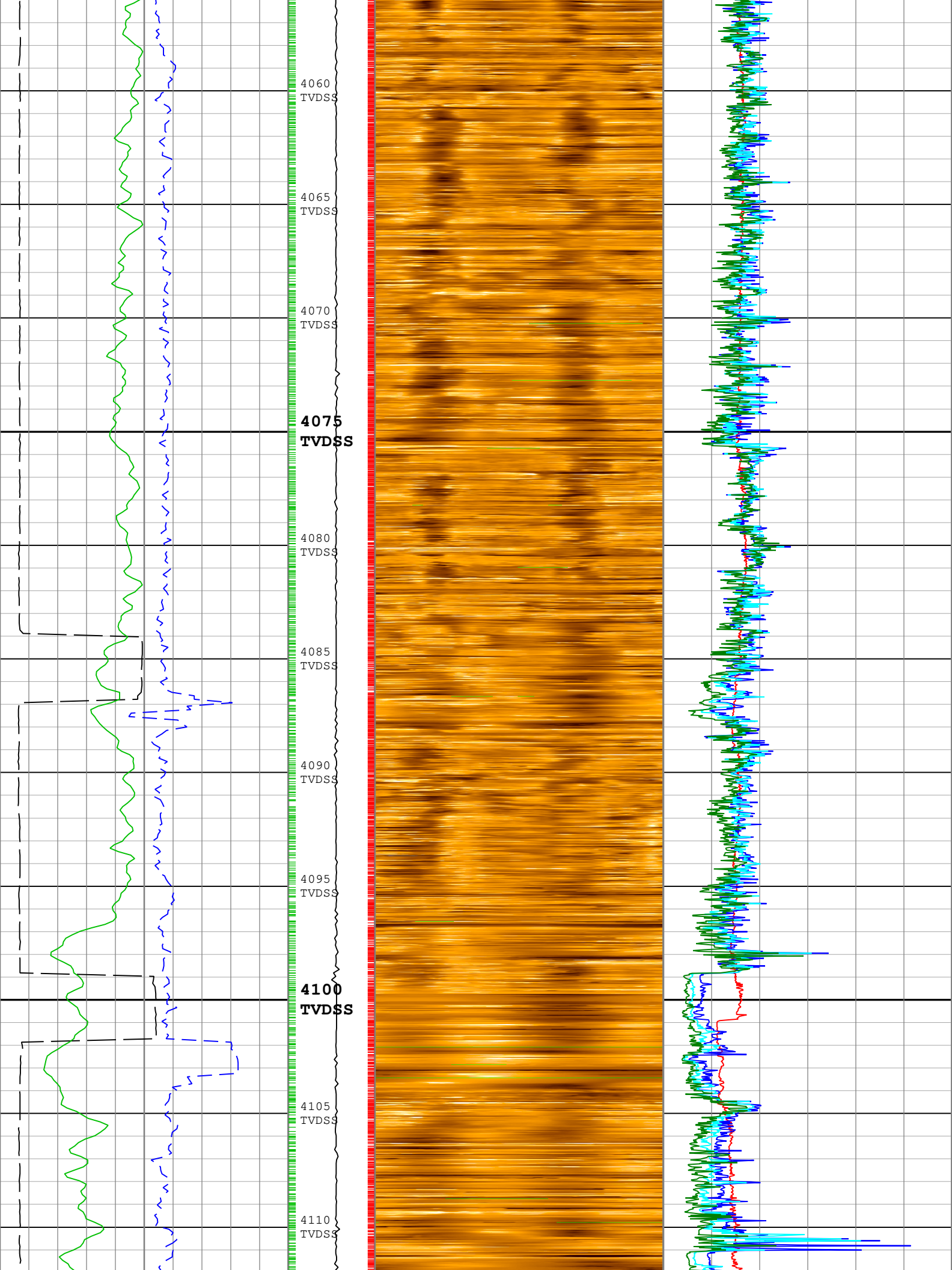


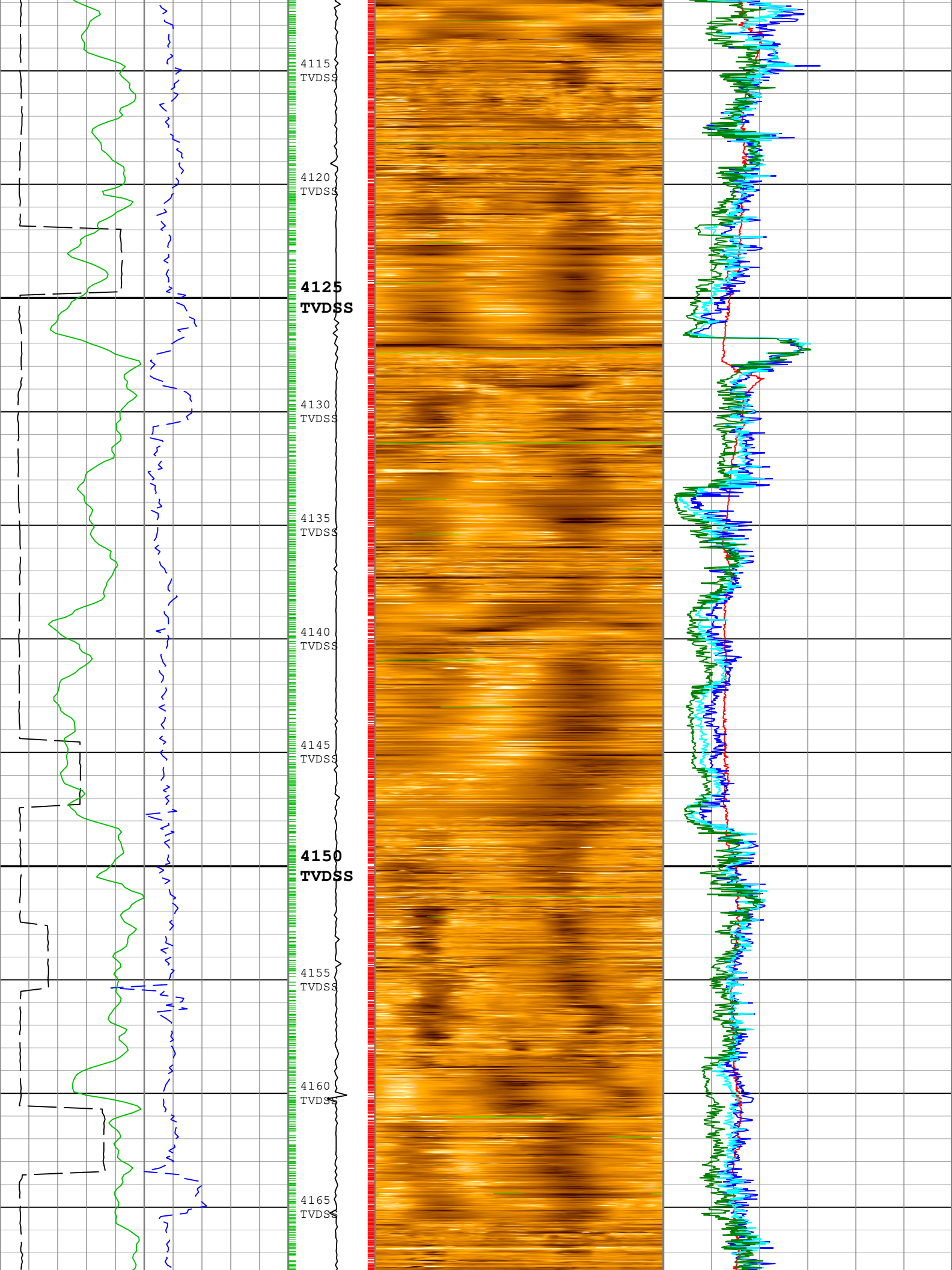

3835
TVDSS
3840
TVDSS
3845
TVDSS
3850
TVDSS
3855
TVDSS
3860
TVDSS
3865
TVDSS
3870
TVDSS
3875
TVDSS
3880
TVDSS
3885
TVDSS

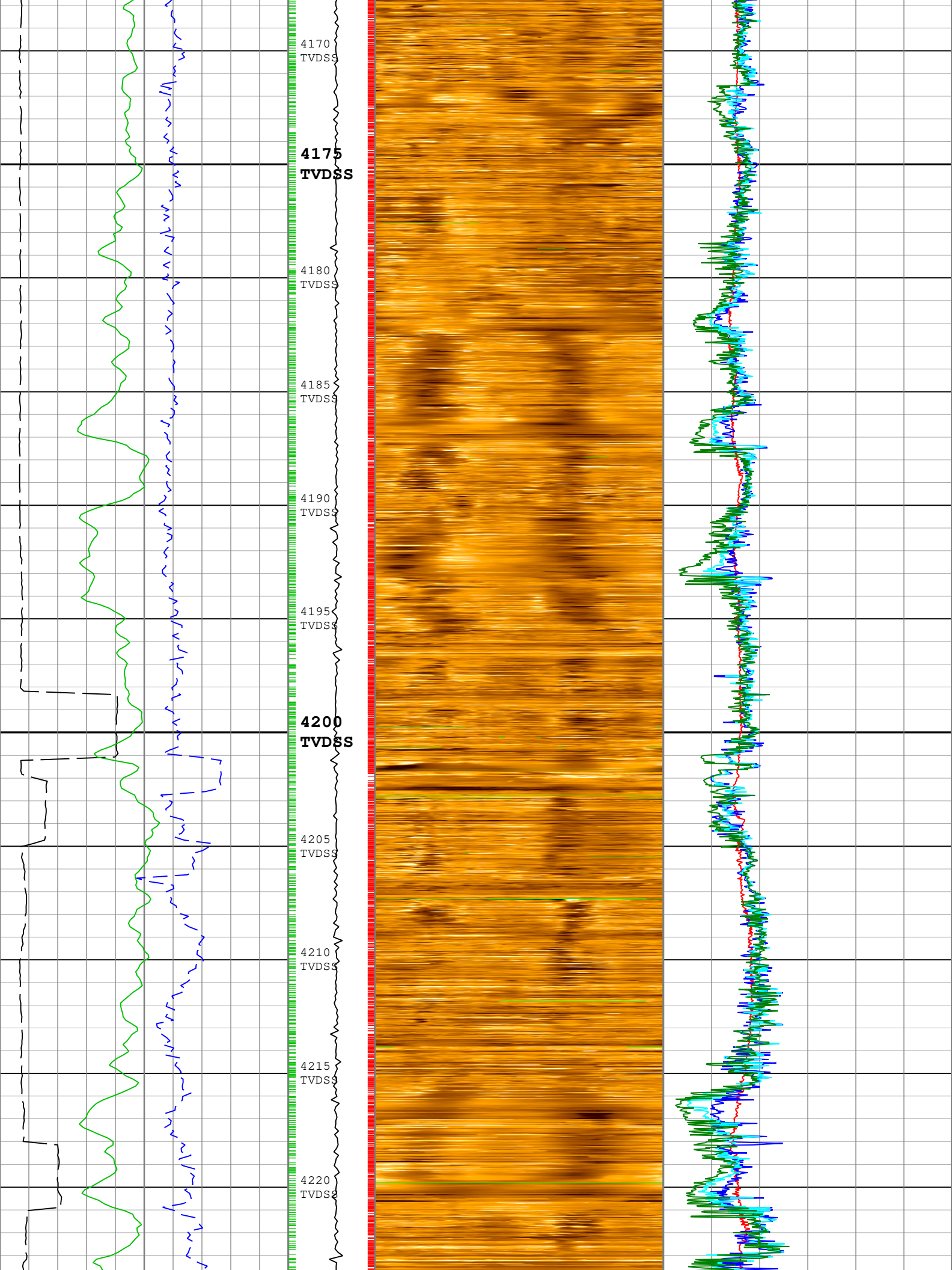

3890
TVDSS
3895
TVDSS
3900
TVDSS
3905
TVDSS
3910
TVDSS
3915
TVDSS
3920
TVDSS
3925
TVDSS
3930
TVDSS
3935
TVDSS
3940
TVDSS

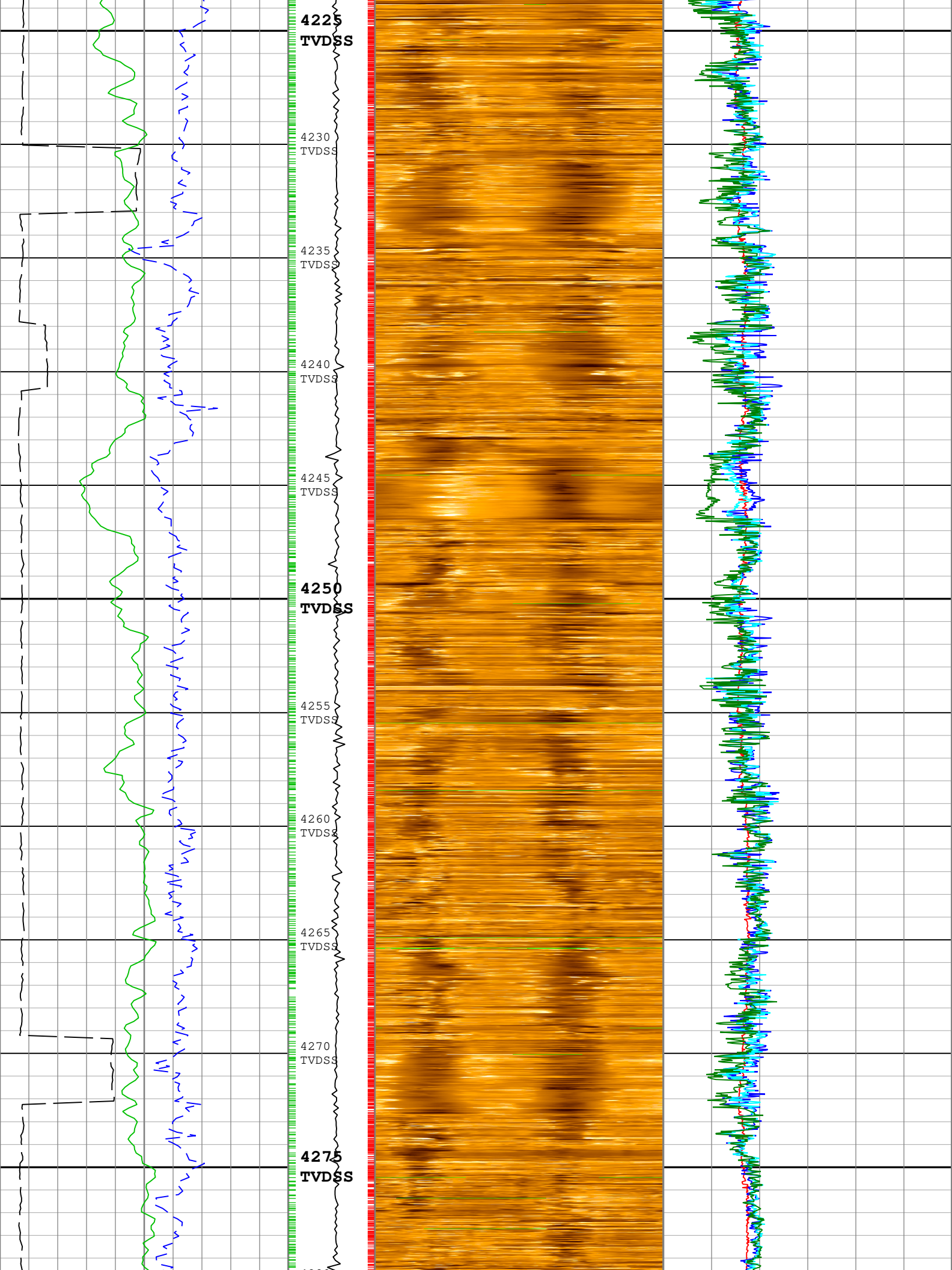

3945
TVDSS
3950
TVDSS
3955
TVDSS
3960
TVDSS
3965
TVDSS
3970
TVDSS
3975
TVDSS
3980
TVDSS
3985
TVDSS
3990
TVDSS
3995
TVDSS
4000

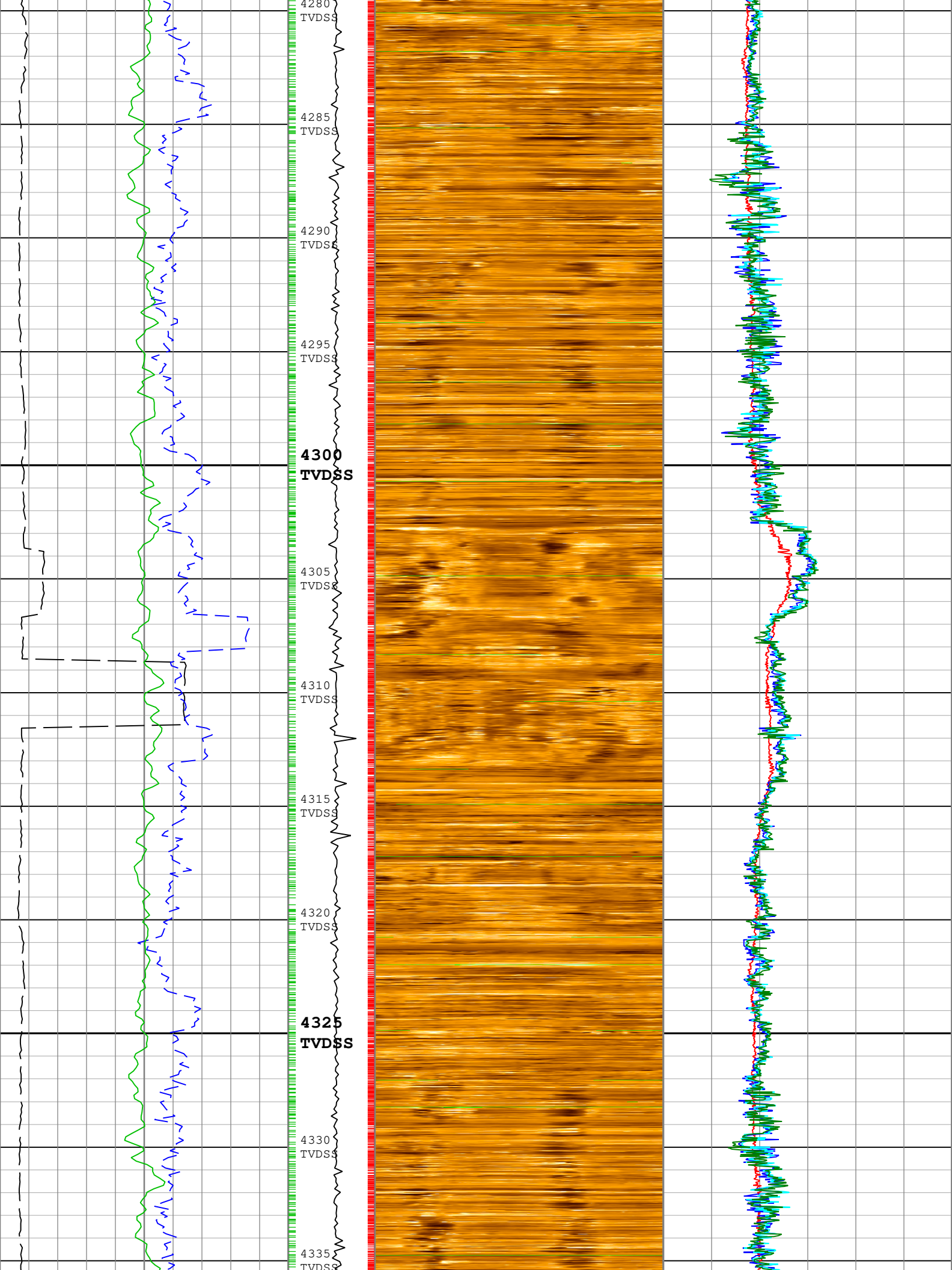

TVDSS
4005
TVDSS
4010
TVDSS
4015
TVDSS
4020
TVDSS
4025
TVDSS
4030
TVDSS
4035
TVDSS
4040
TVDSS
4045
TVDSS
4050
TVDSS
4055
TVDSS

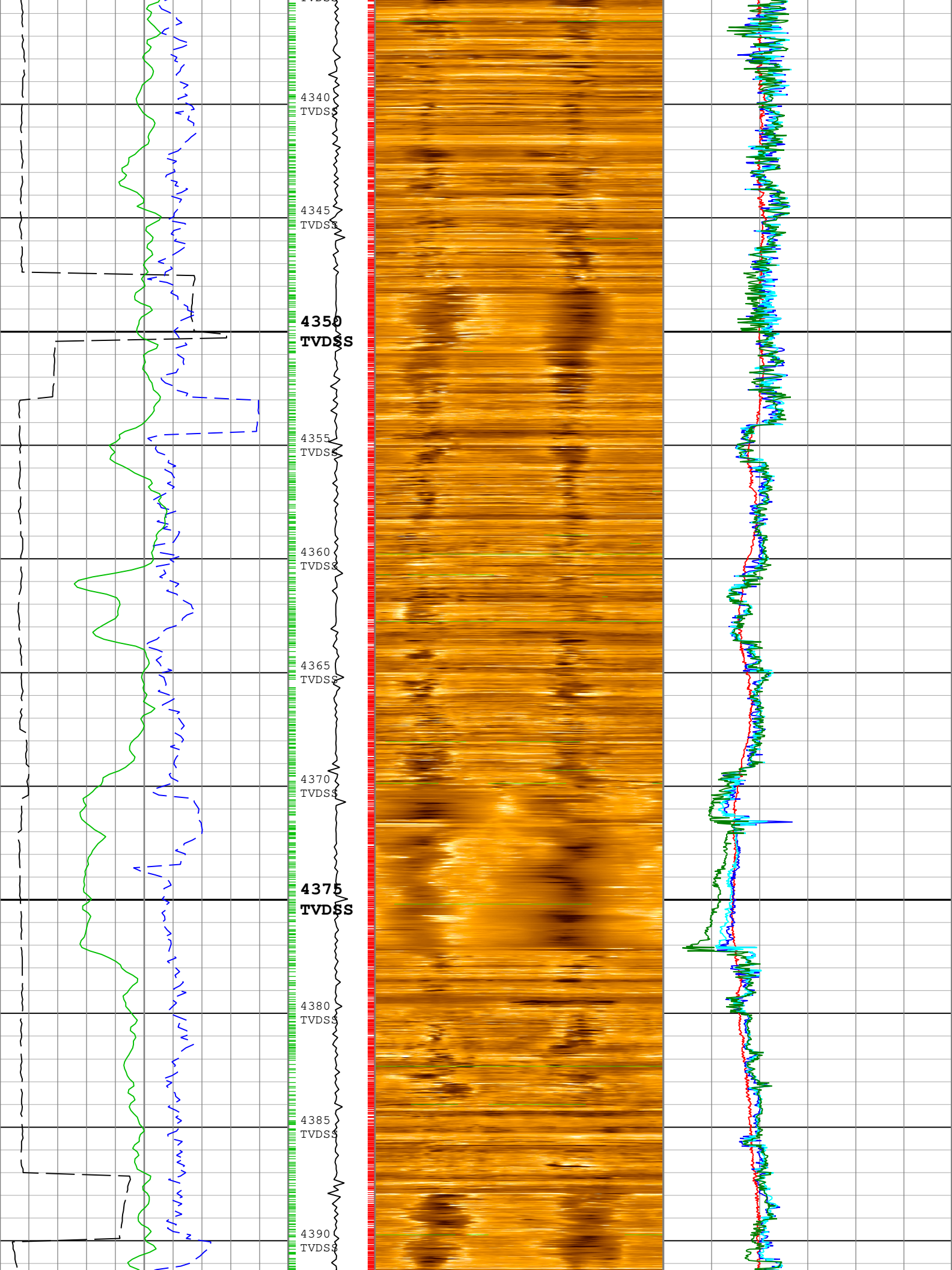

4060
TVDSS
4065
TVDSS
4070
TVDSS
4075
TVDSS
4080
TVDSS
4085
TVDSS
4090
TVDSS
4095
TVDSS
4100
TVDSS
4105
TVDSS
4110
TVDSS

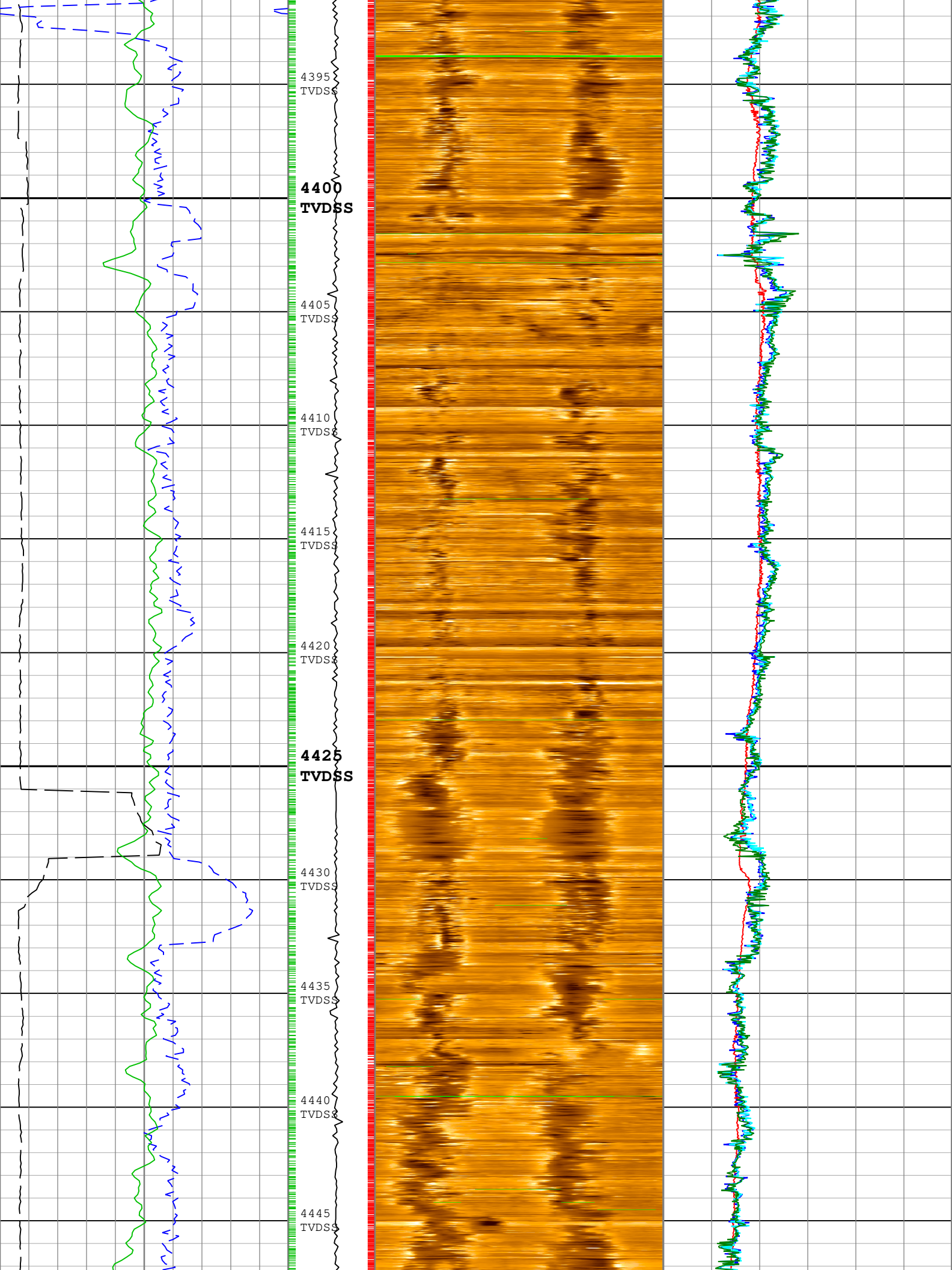

4115
TVDSS
4120
TVDSS
4125
TVDSS
4130
TVDSS
4135
TVDSS
4140
TVDSS
4145
TVDSS
4150
TVDSS
4155
TVDSS
4160
TVDSS
4165
TVDSS

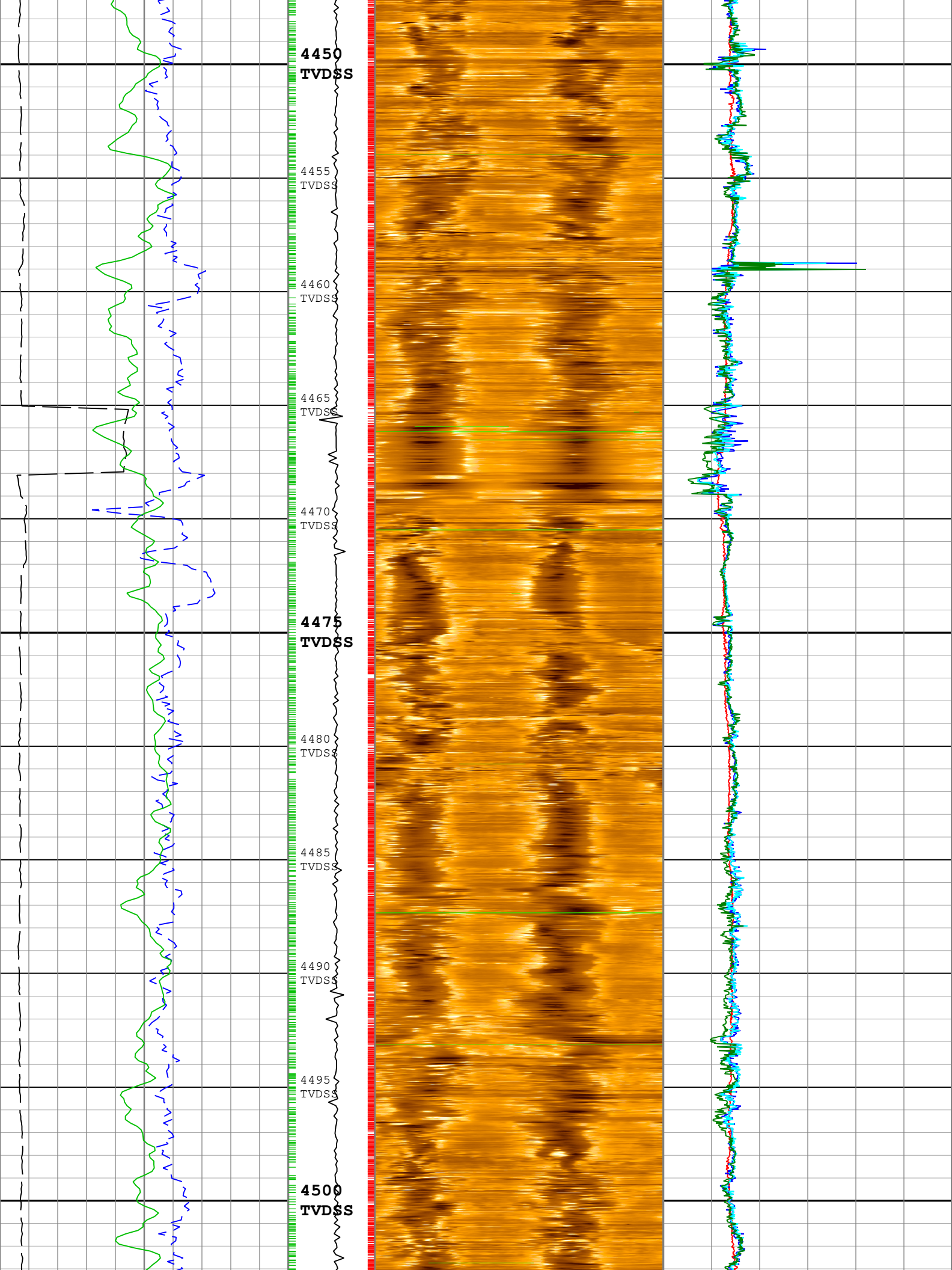

4170
TVDSS
4175
TVDSS
4180
TVDSS
4185
TVDSS
4190
TVDSS
4195
TVDSS
4200
TVDSS
4205
TVDSS
4210
TVDSS
4215
TVDSS
4220
TVDSS

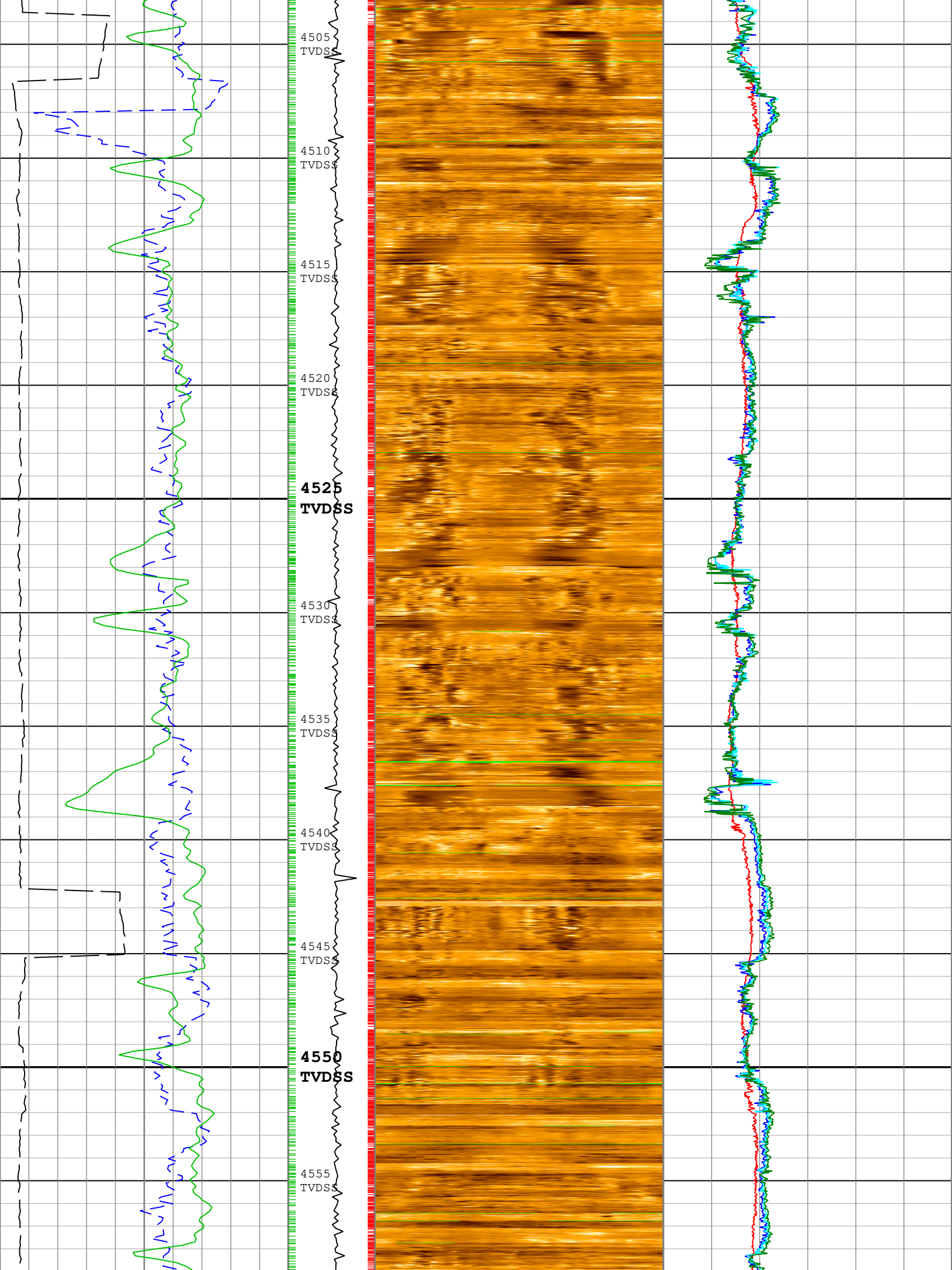

4225
TVDSS
4230
TVDSS
4235
TVDSS
4240
TVDSS
4245
TVDSS
4250
TVDSS
4255
TVDSS
4260
TVDSS
4265
TVDSS
4270
TVDSS
4275
TVDSS

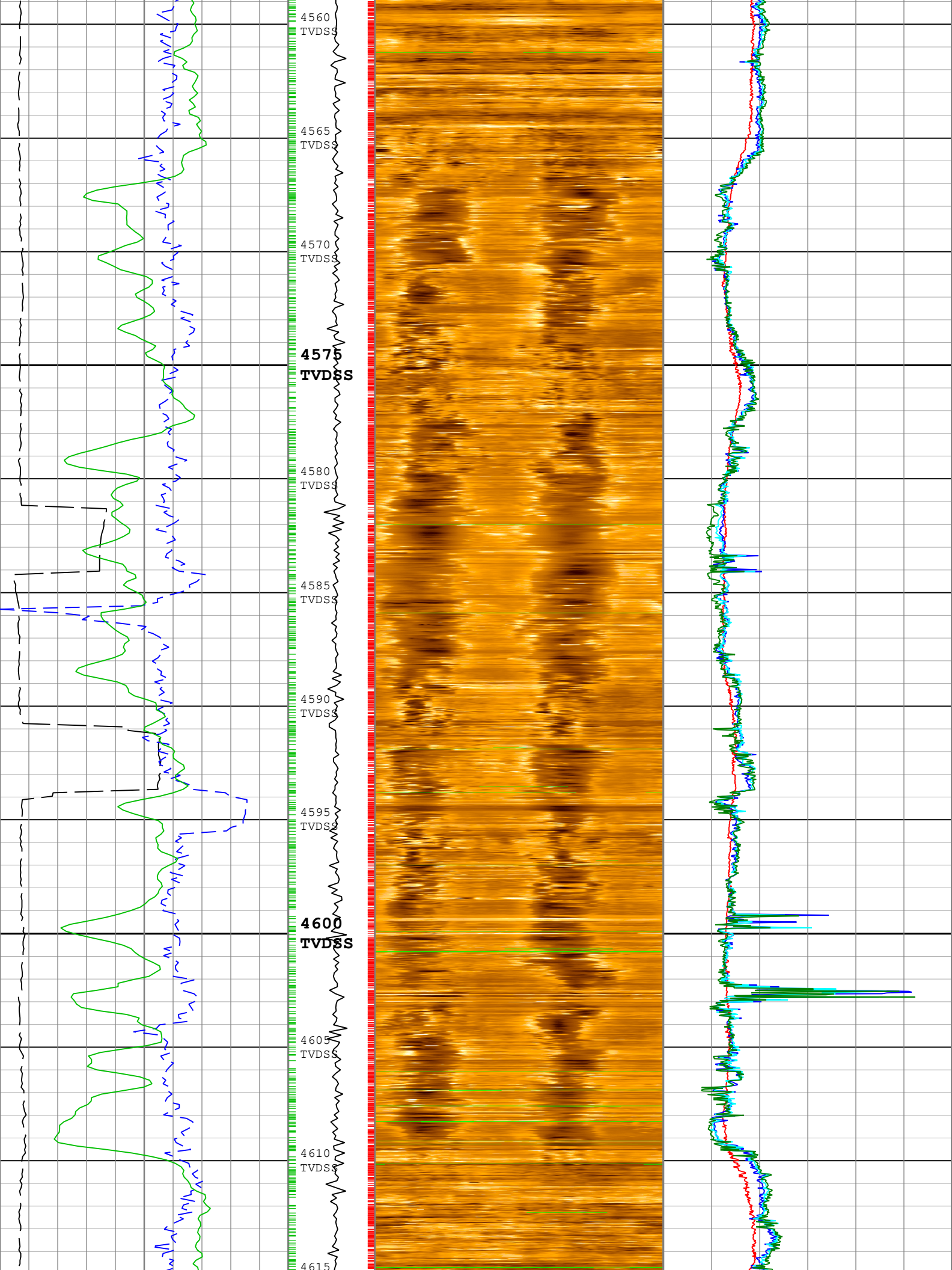

4280
TVDSS
4285
TVDSS
4290
TVDSS
4295
TVDSS
4300
TVDSS
4305
TVDSS
4310
TVDSS
4315
TVDSS
4320
TVDSS
4325
TVDSS
4330
TVDSS
4335
TVDSS

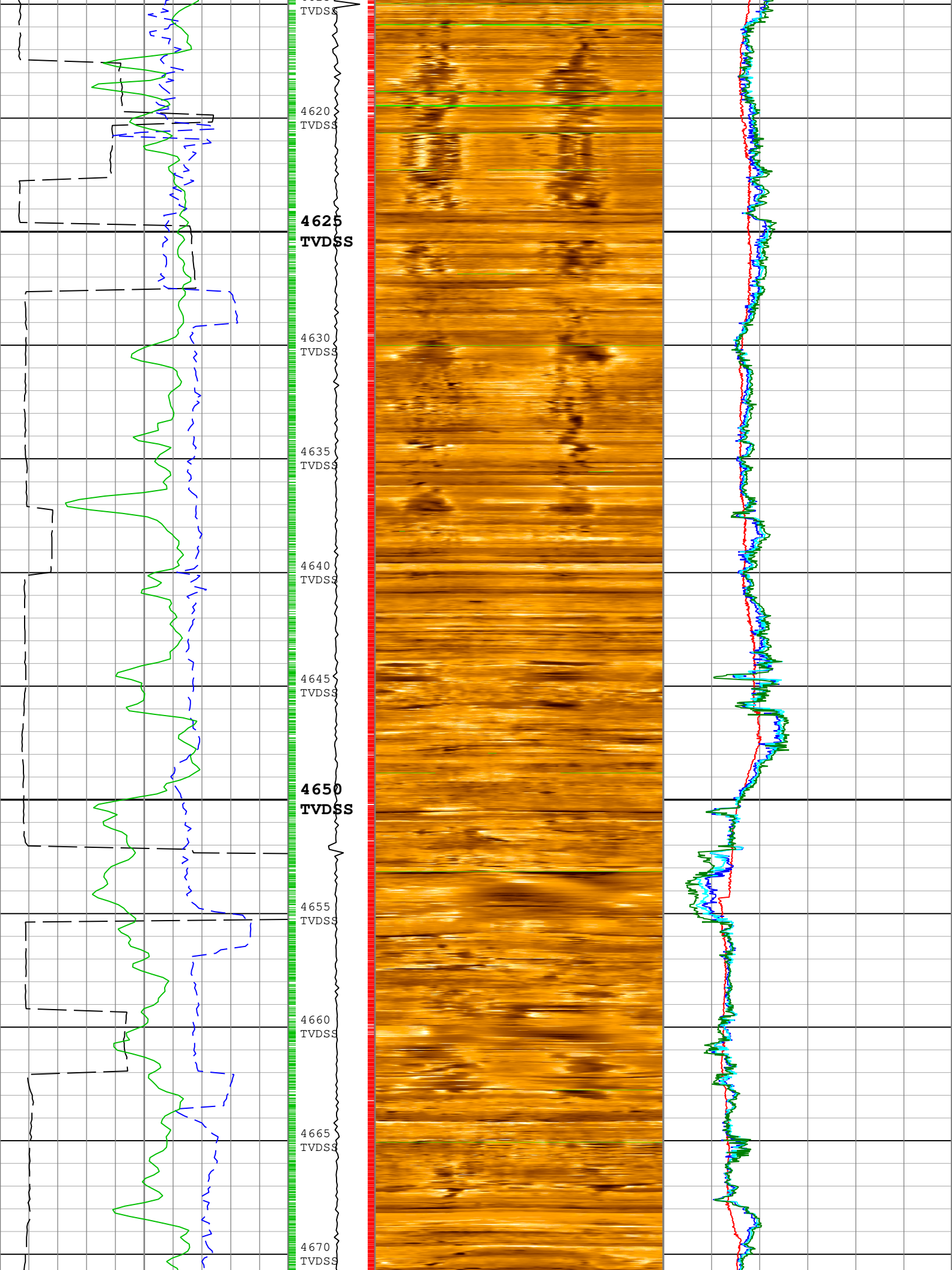

4340
TVDSS
4345
TVDSS
4350
TVDSS
4355
TVDSS
4360
TVDSS
4365
TVDSS
4370
TVDSS
4375
TVDSS
4380
TVDSS
4385
TVDSS
4390
TVDSS

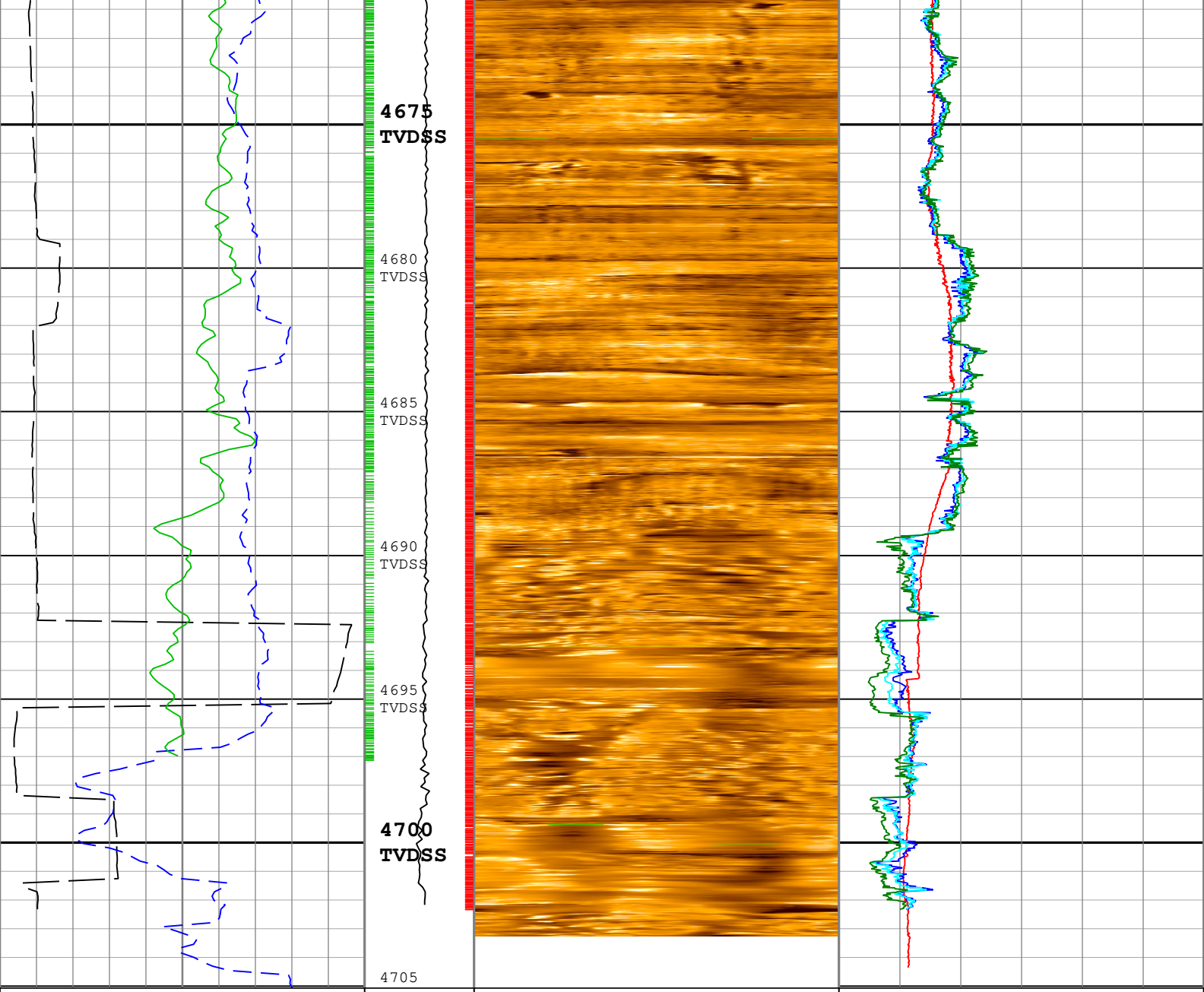

4395
TVDSS
4400
TVDSS
4405
TVDSS
4410
TVDSS
4415
TVDSS
4420
TVDSS
4425
TVDSS
4430
TVDSS
4435
TVDSS
4440
TVDSS
4445
TVDSS


4450
TVDSS
4455
TVDSS
4460
TVDSS
4465
TVDSS
4470
TVDSS
4475
TVDSS
4480
TVDSS
4485
TVDSS
4490
TVDSS
4495
TVDSS
4500
TVDSS


4505
TVDSS
4510
TVDSS
4515
TVDSS
4520
TVDSS
4525
TVDSS
4530
TVDSS
4535
TVDSS
4540
TVDSS
4545
TVDSS
4550
TVDSS
4555
TVDSS


4560 TVDSS
4565 TVDSS
4570 TVDSS
4575 TVDSS
4580 TVDSS
4585 TVDSS
4590 TVDSS
4595 TVDSS
4600 TVDSS
4605 TVDSS
4610 TVDSS
4615


4620
TVDSS
4625
TVDSS
4630
TVDSS
4635
TVDSS
4640
TVDSS
4645
TVDSS
4650
TVDSS
4655
TVDSS
4660
TVDSS
4665
TVDSS
4670
TVDSS



Description: MicroScope Resistivity, Deep Button Image RM Format: Log (MI6 Res, UHRI RM TVD_X) Index Scale: 1:200 Index Unit: m Index Type: SSTVD Creation Date: 11-Mar-2019 10:07:39

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

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

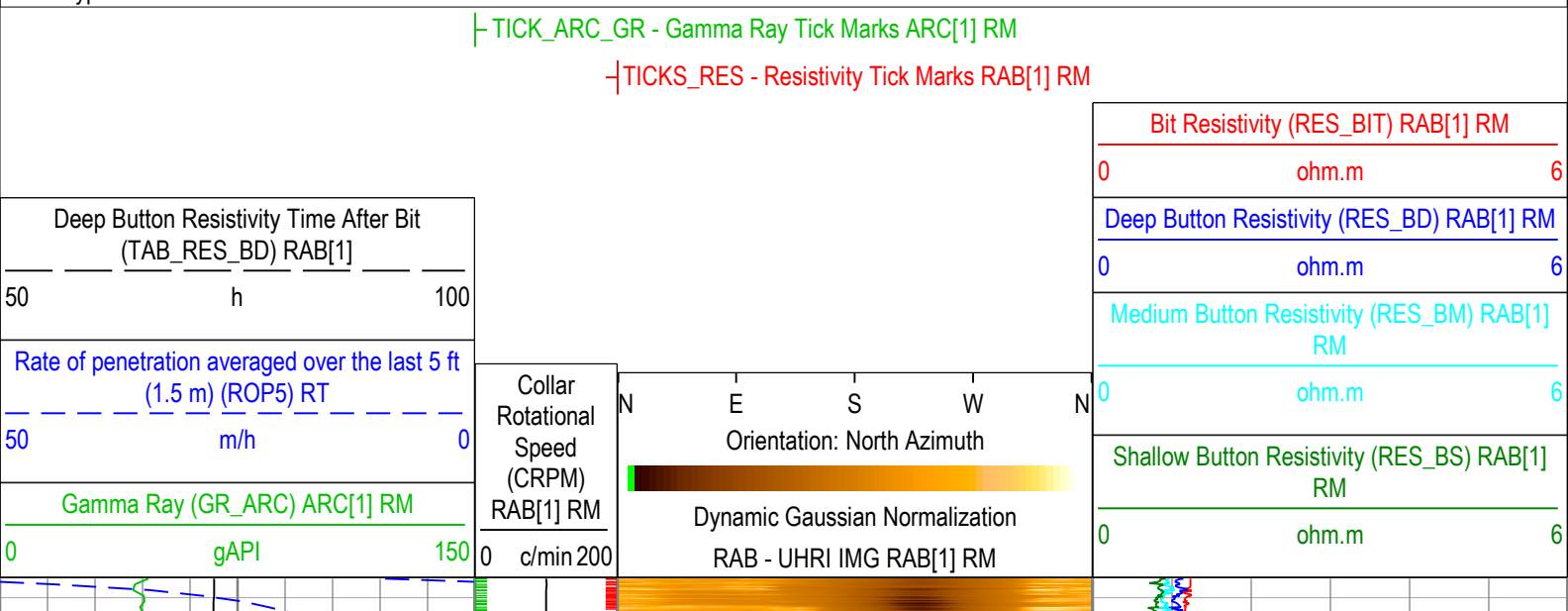
All depths are referenced to toolstring zero

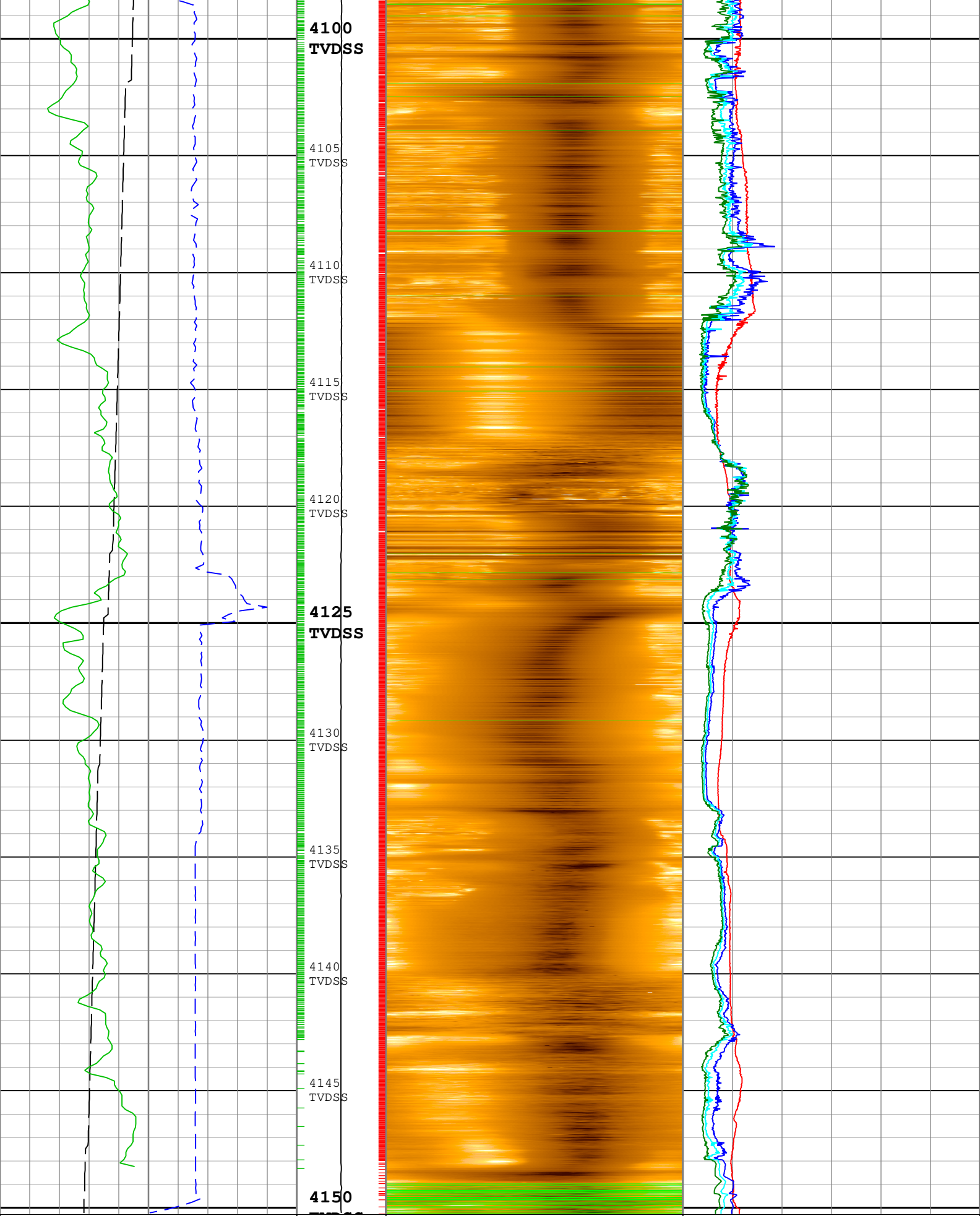
Log

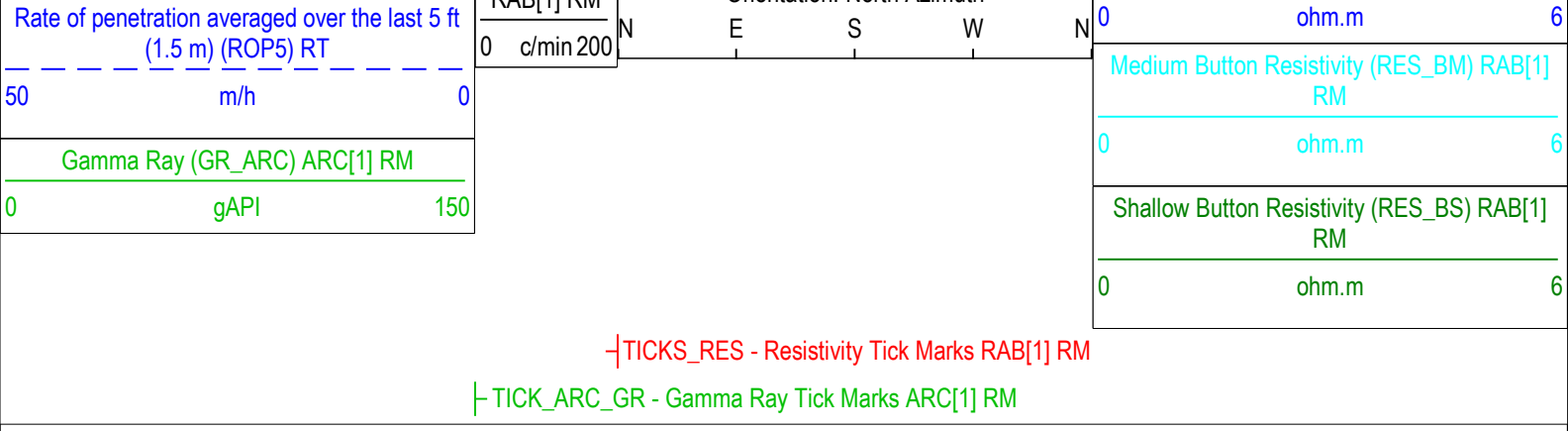
Company:JAMSTEC Well:C0024A

MicroScope Repeat Log:S066

Description: MicroScope Resistivity, Deep Button Image RM Format: Log (MI6 Res, UHRI RM MD_ReamUp_TVD_X) Index Scale: 1:200 Index Unit: m
Index Type: SSTVD Creation Date: 11-Mar-2019 10:07:57




4100
TVDSS
4105
TVDSS
4110
TVDSS
4115
TVDSS
4120
TVDSS
4125
TVDSS
4130
TVDSS
4135
TVDSS
4140
TVDSS
4145
TVDSS
4150
Deep Button Resistivity Time After Bit
(TAB_RES_BD) RAB[1]
50
h
100
Collar
Rotational
Speed
(CRPM)
Dynamic Gaussian Normalization
RAB - UHRI IMG RAB[1] RM
Orientation: North Azimuth
Bit Resistivity (RES_BIT) RAB[1] RM
0
ohm.m
6
Deep Button Resistivity (RES_BD) RAB[1] RM



Description: MicroScope Resistivity, Deep Button Image RM Format: Log (MI6 Res, UHRI RM MD_ReamUp_TVD_X) Index Scale: 1:200 Index Unit: m
Index Type: SSTVD Creation Date: 11-Mar-2019 10:07:57

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_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

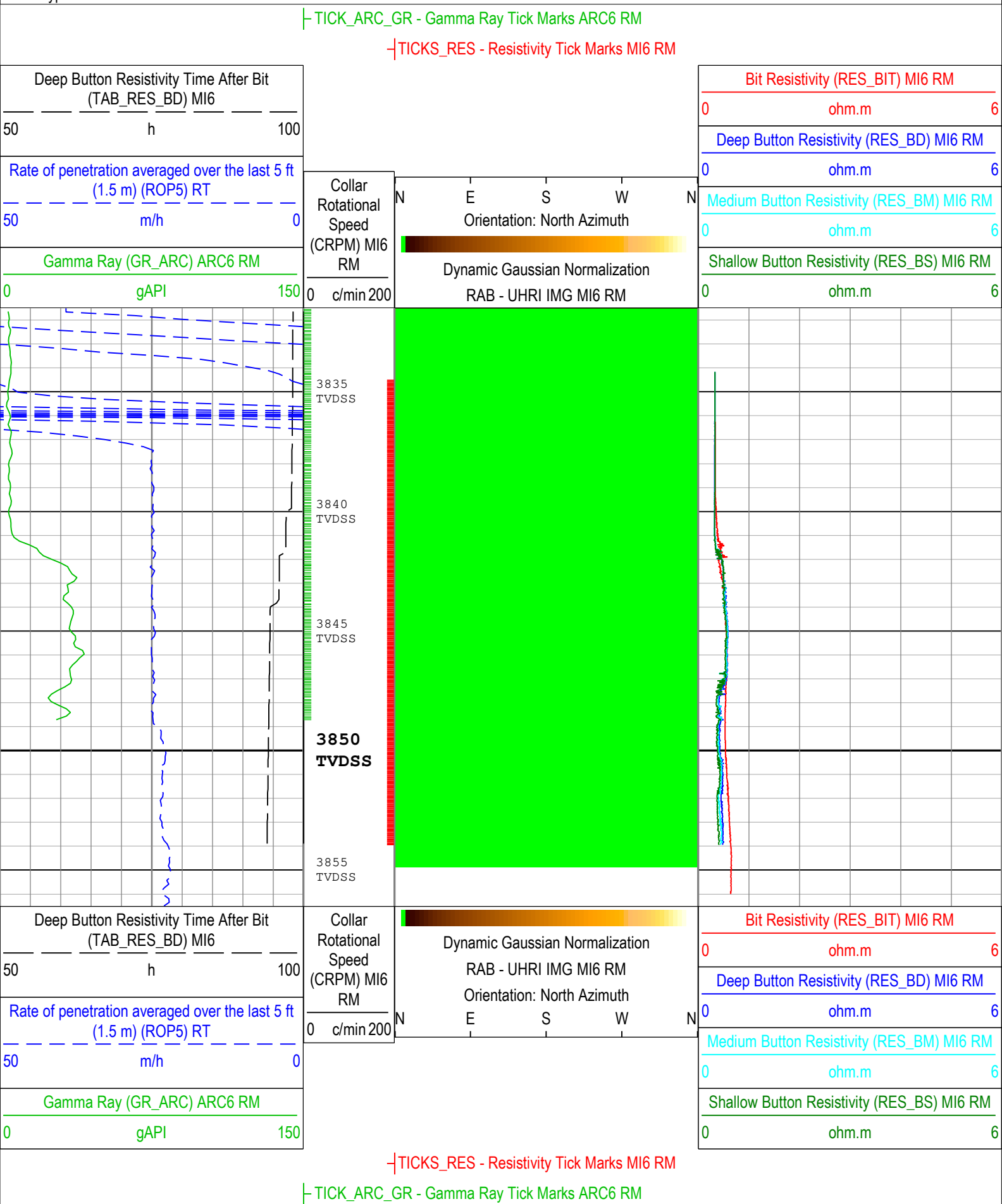
All depths are referenced to toolstring zero

Log

Company:JAMSTEC Well:C0024A
Run1: Ream Up 9:S066

Description: MicroScope Resistivity, Deep Button Image RM Format: Log (MI6 Res, UHRI RM MD_ReamUp_TVD_X) Index Scale: 1:200 Index Unit: m

Index Type: SSTVD Creation Date: 11-Mar-2019 10:08:01



Description: MicroScope Resistivity, Deep Button Image RM Format: Log (MI6 Res, UHRI RM MD_ReamUp_TVD_X) Index Scale: 1:200 Index Unit: m
Index Type: SSTVD Creation Date: 11-Mar-2019 10:08:01

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

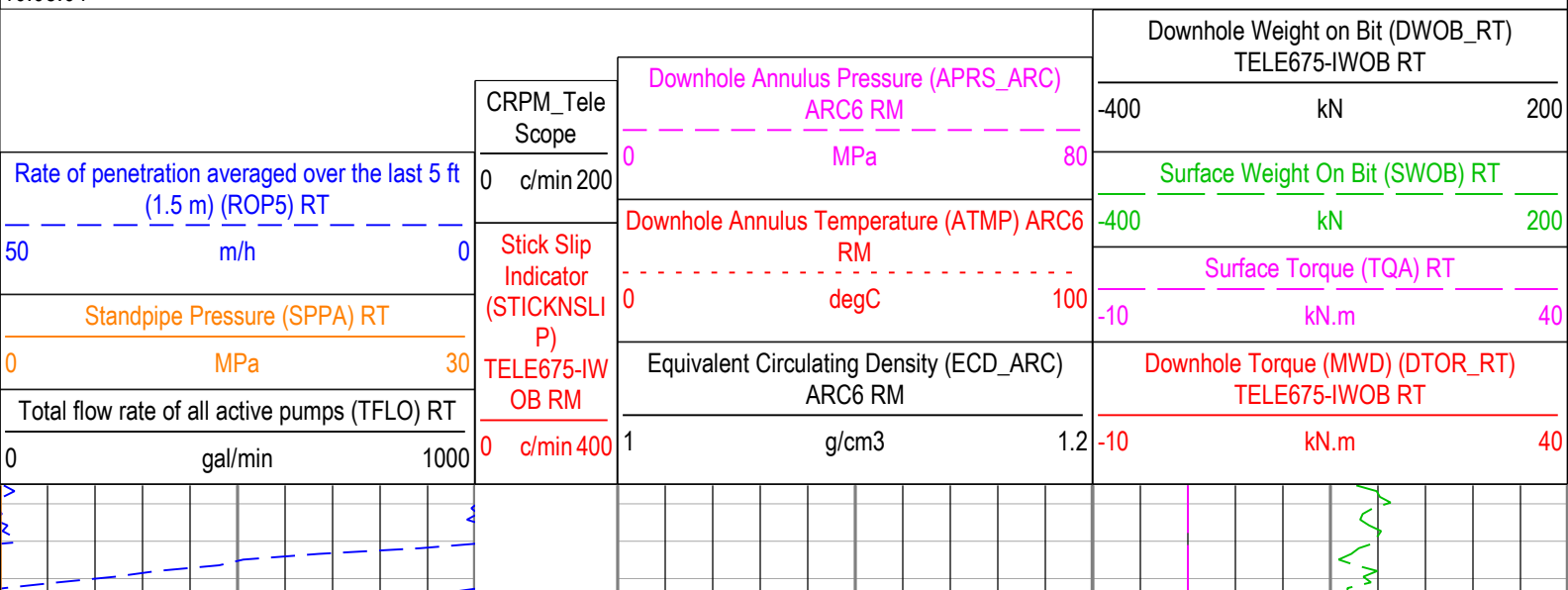
All depths are referenced to toolstring zero

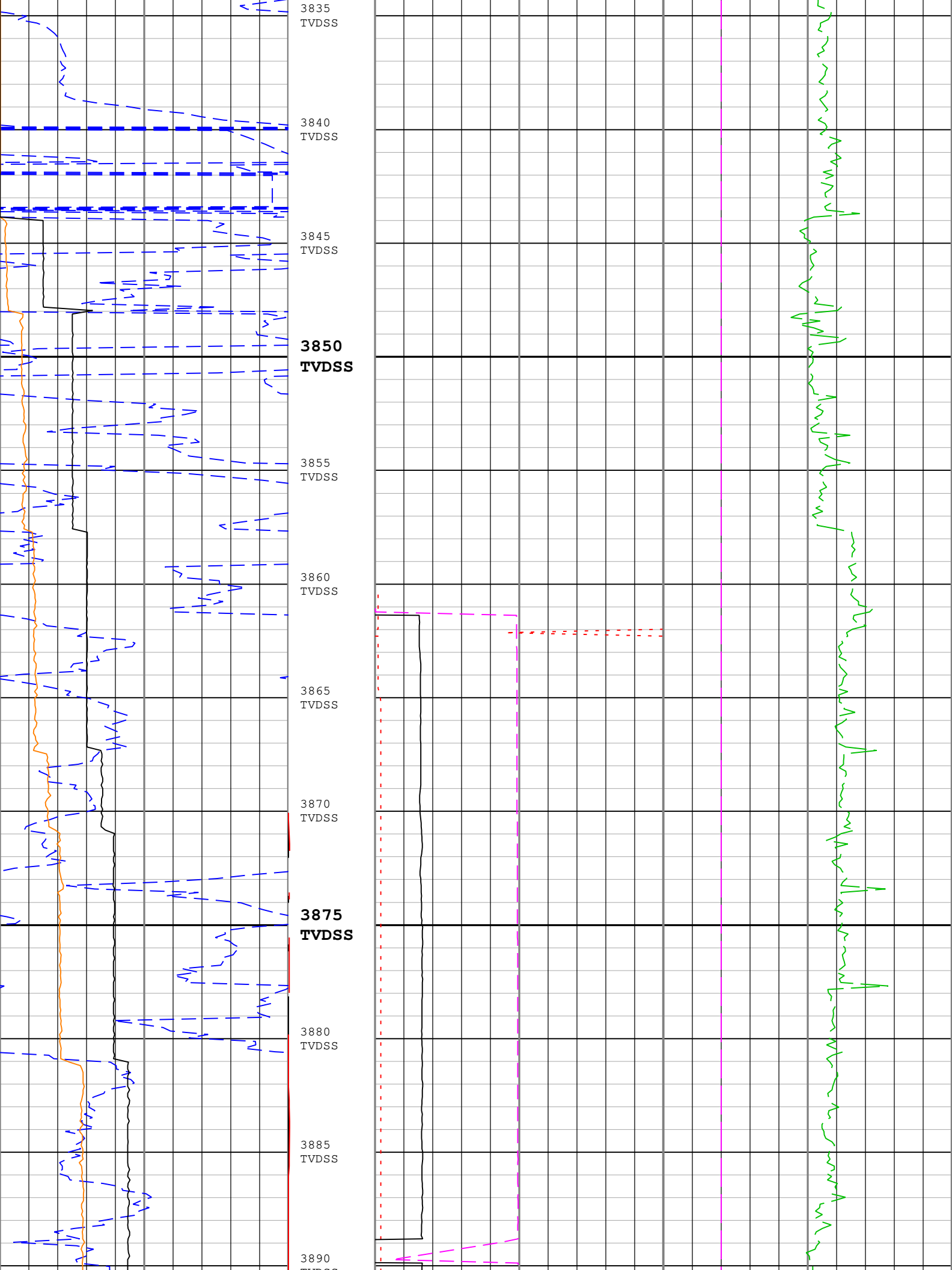
Log

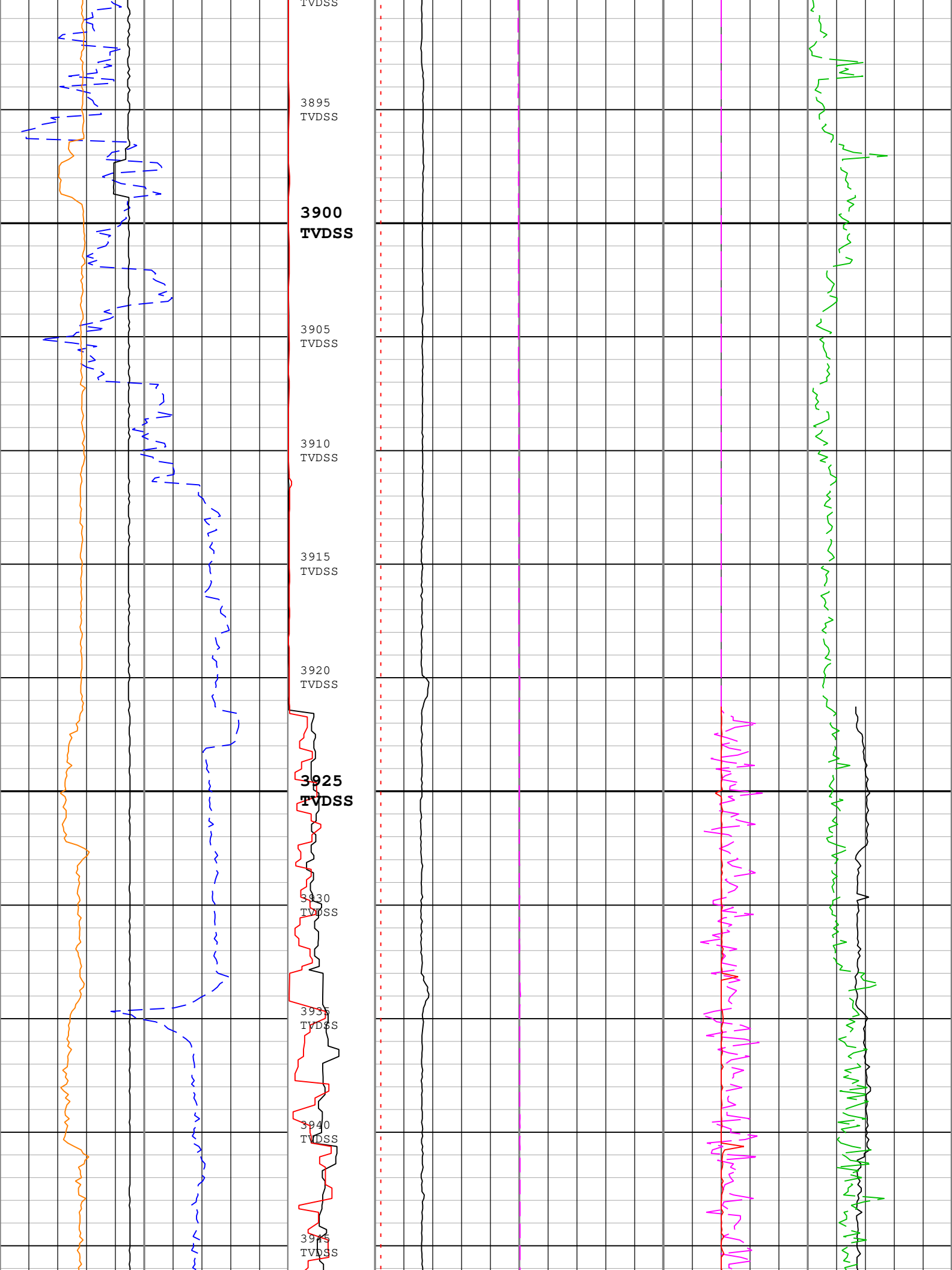
Company:JAMSTEC Well:C0024A

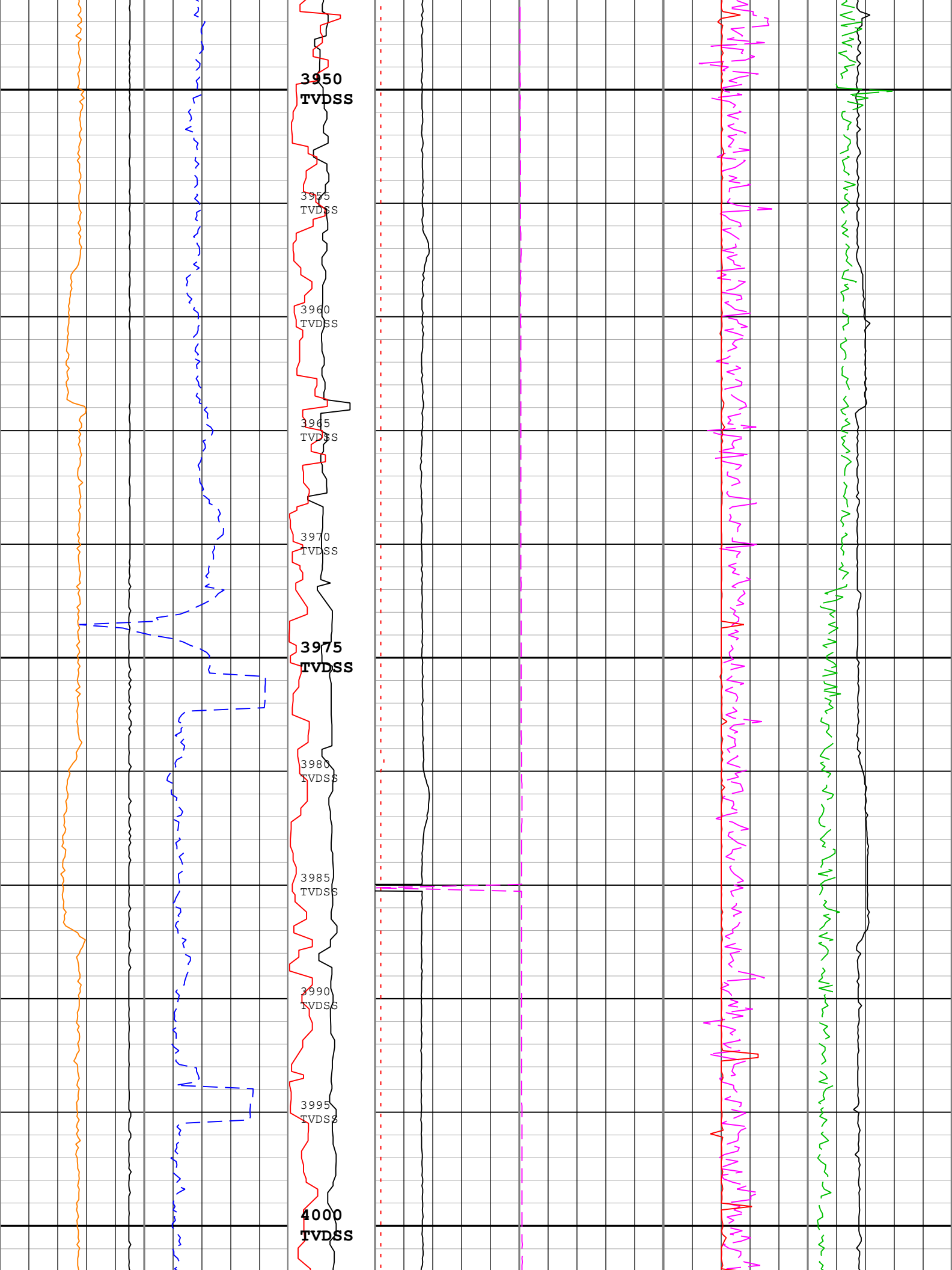
Run1: Drilling:S066

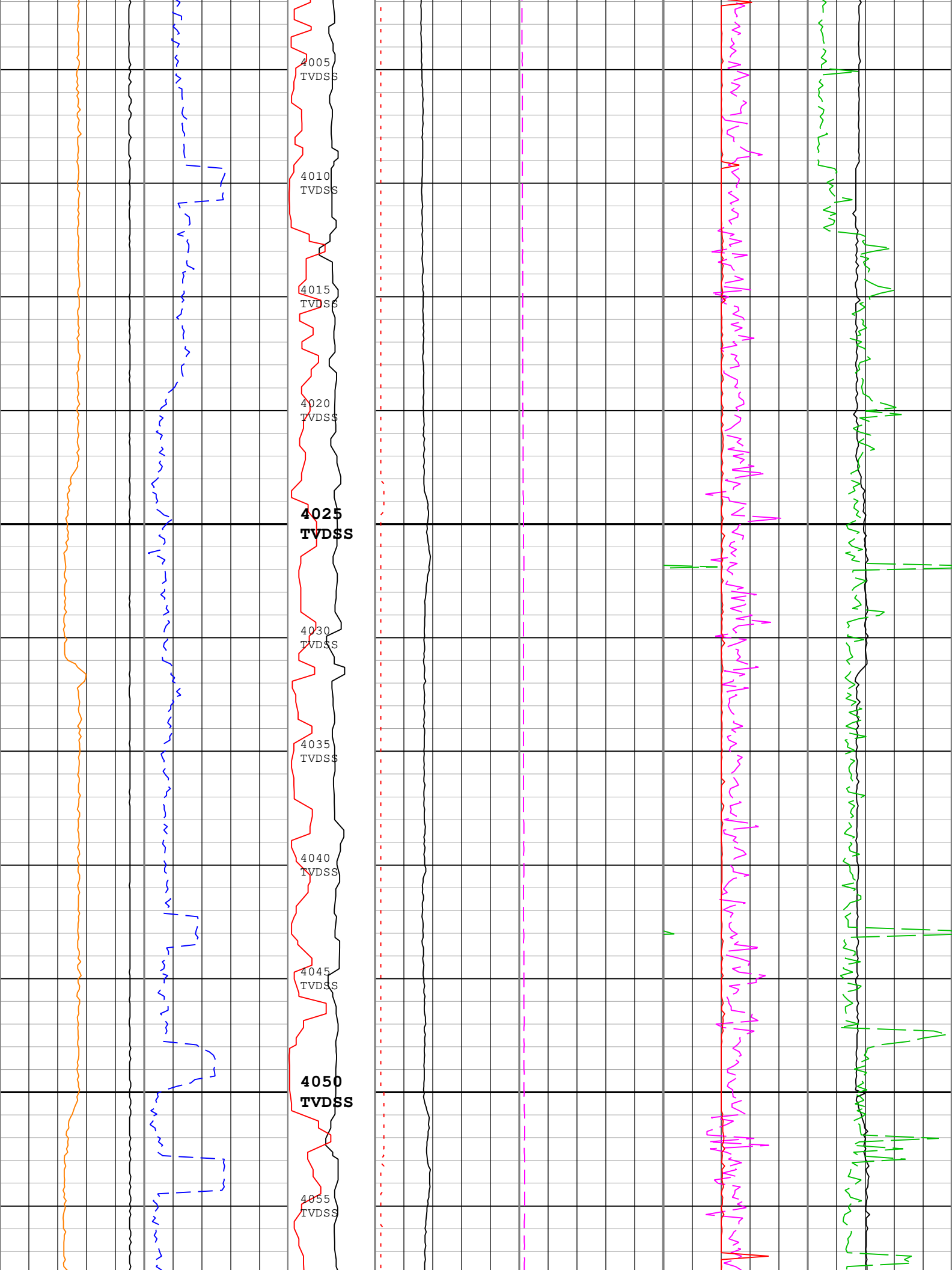
Description: Format: Log (Drilling Mechanics Log 675 RM MD) Index Scale: 1:200 Index Unit: m Index Type: SSTVD Creation Date: 11-Mar-2019 10:08:04

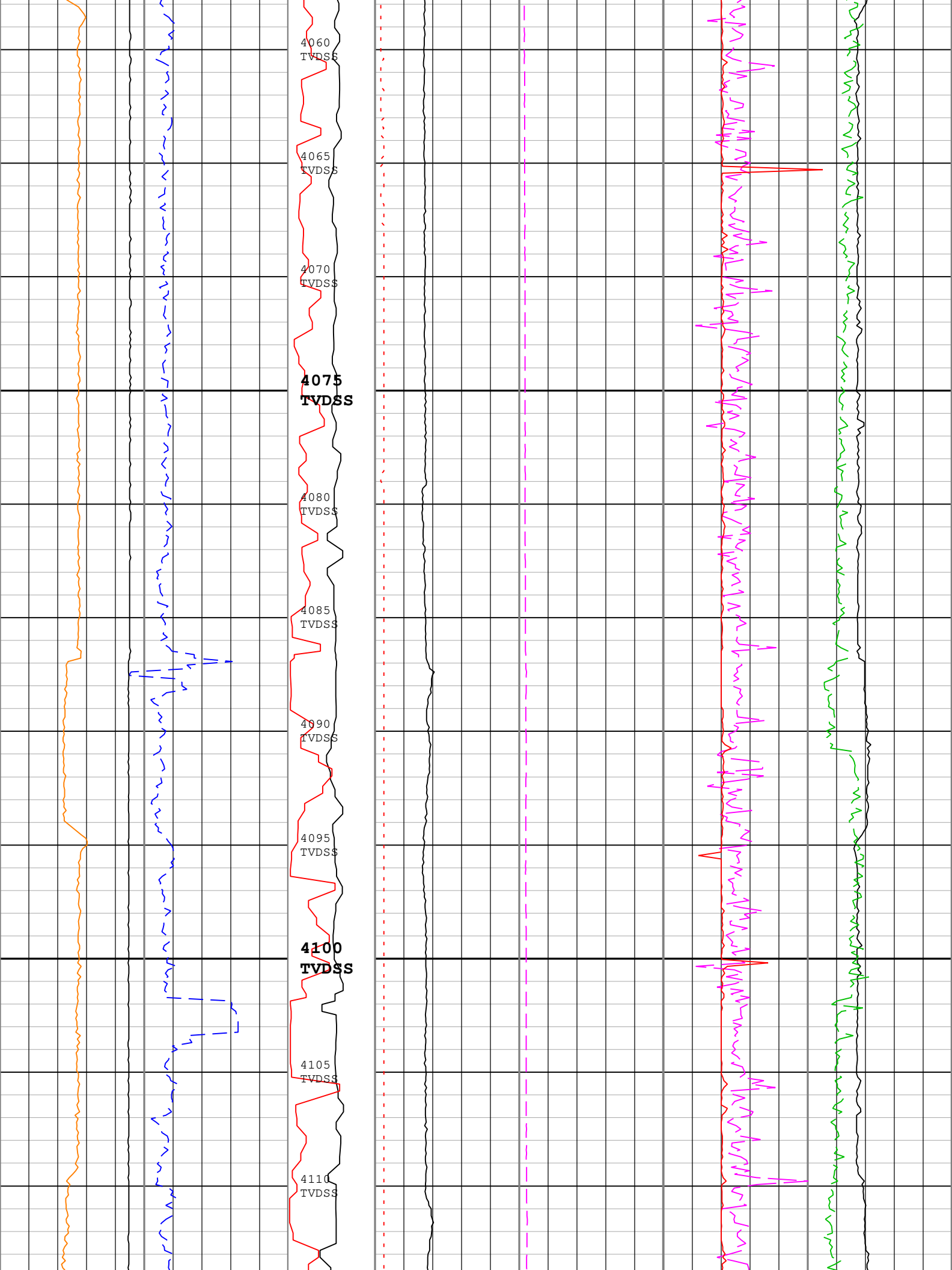


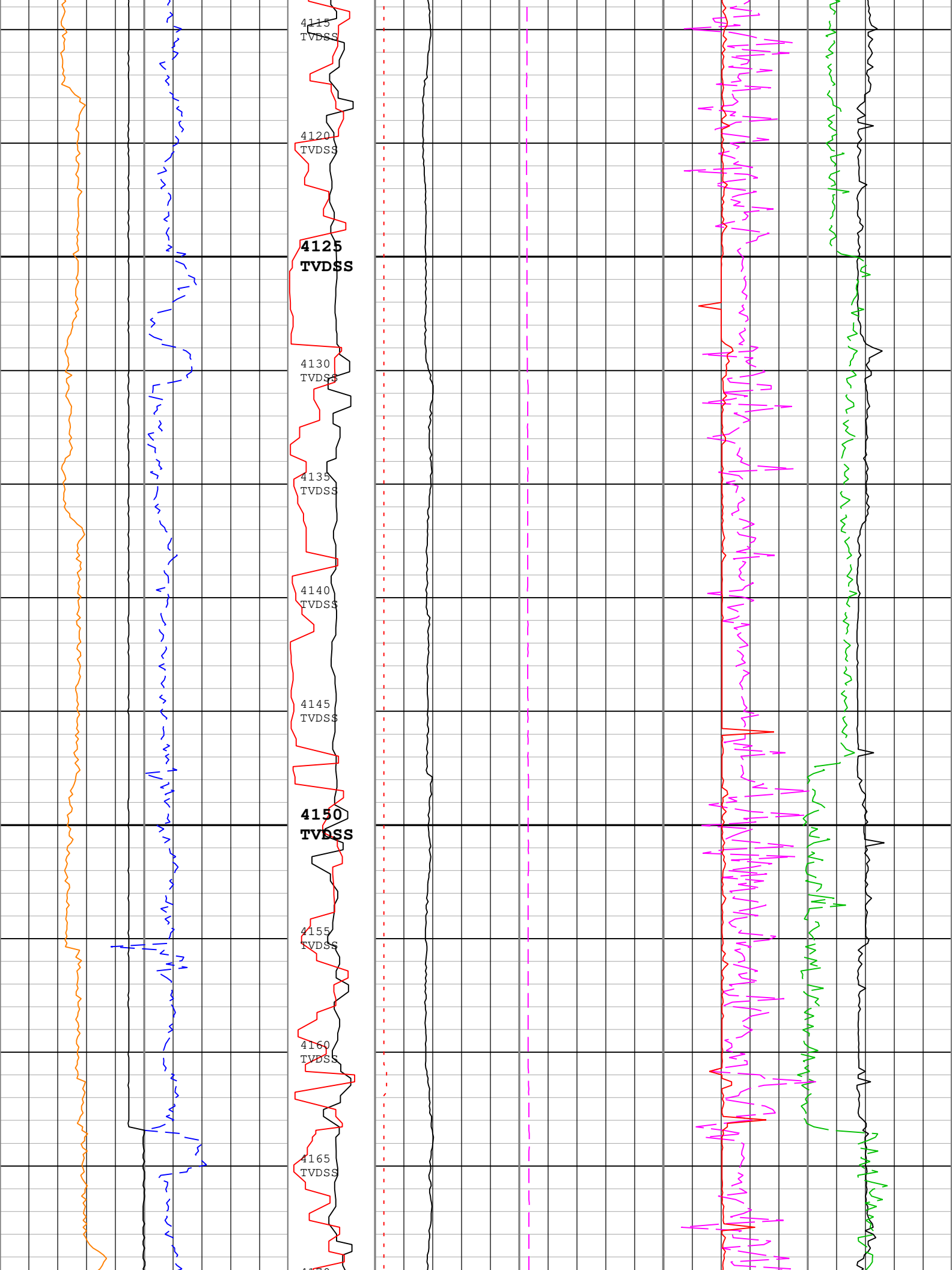

3835
TVDSS
3840
TVDSS
3845
TVDSS
3850
TVDSS
3855
TVDSS
3860
TVDSS
3865
TVDSS
3870
TVDSS
3875
TVDSS
3880
TVDSS
3885
TVDSS
3890

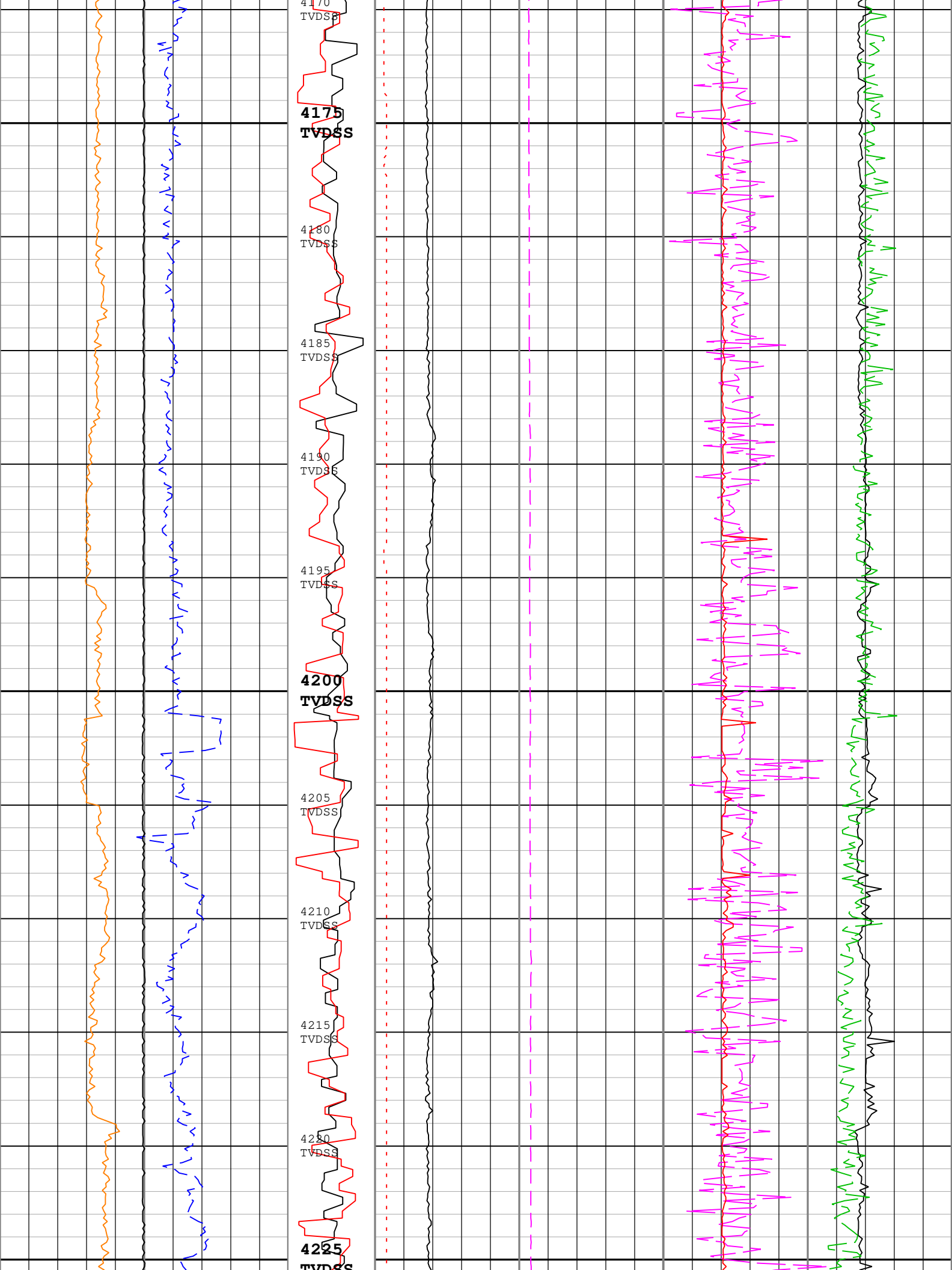

TVDSS
3895
TVDSS
3900
TVDSS
3905
TVDSS
3910
TVDSS
3915
TVDSS
3920
TVDSS
3925
TVDSS
3930
TVDSS
3935
TVDSS
3940
TVDSS
3945
TVDSS

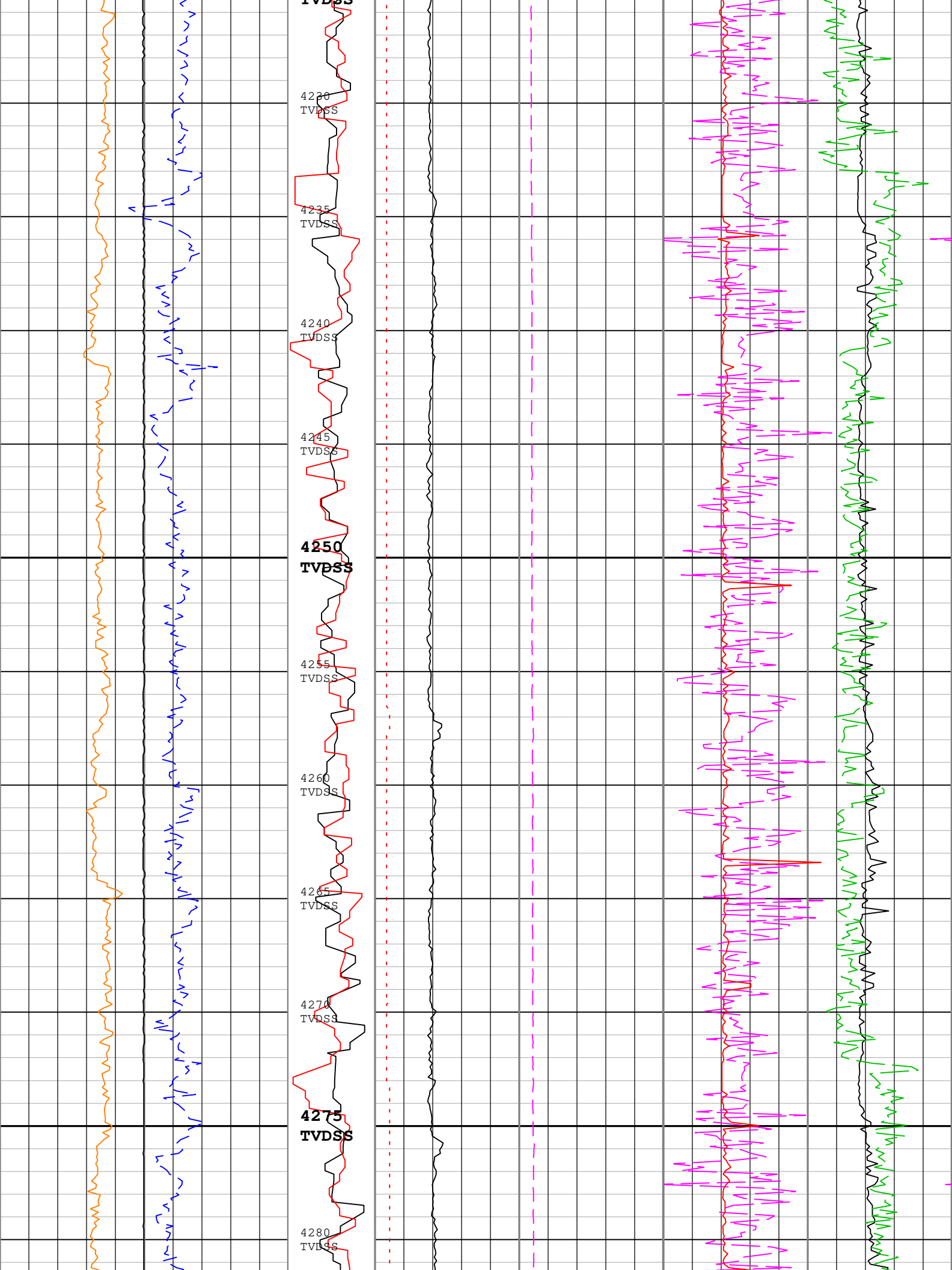

3950
TVDSS
3955
TVDSS
3960
TVDSS
3965
TVDSS
3970
TVDSS
3975
TVDSS
3980
TVDSS
3985
TVDSS
3990
TVDSS
3995
TVDSS
4000
TVDSS

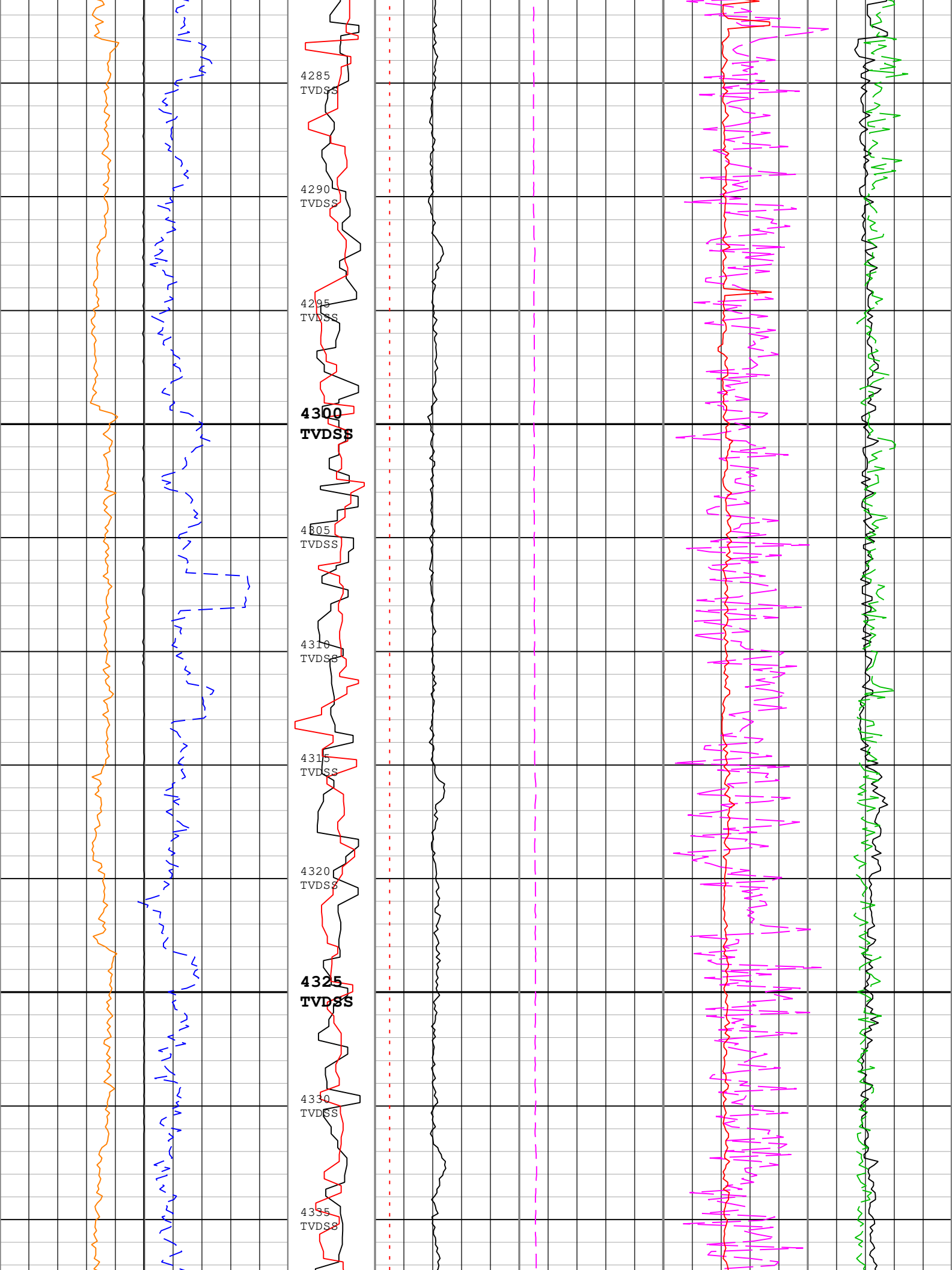

4005
TVDSS
4010
TVDSS
4015
TVDSS
4020
TVDSS
4025
TVDSS
4030
TVDSS
4035
TVDSS
4040
TVDSS
4045
TVDSS
4050
TVDSS
4055
TVDSS

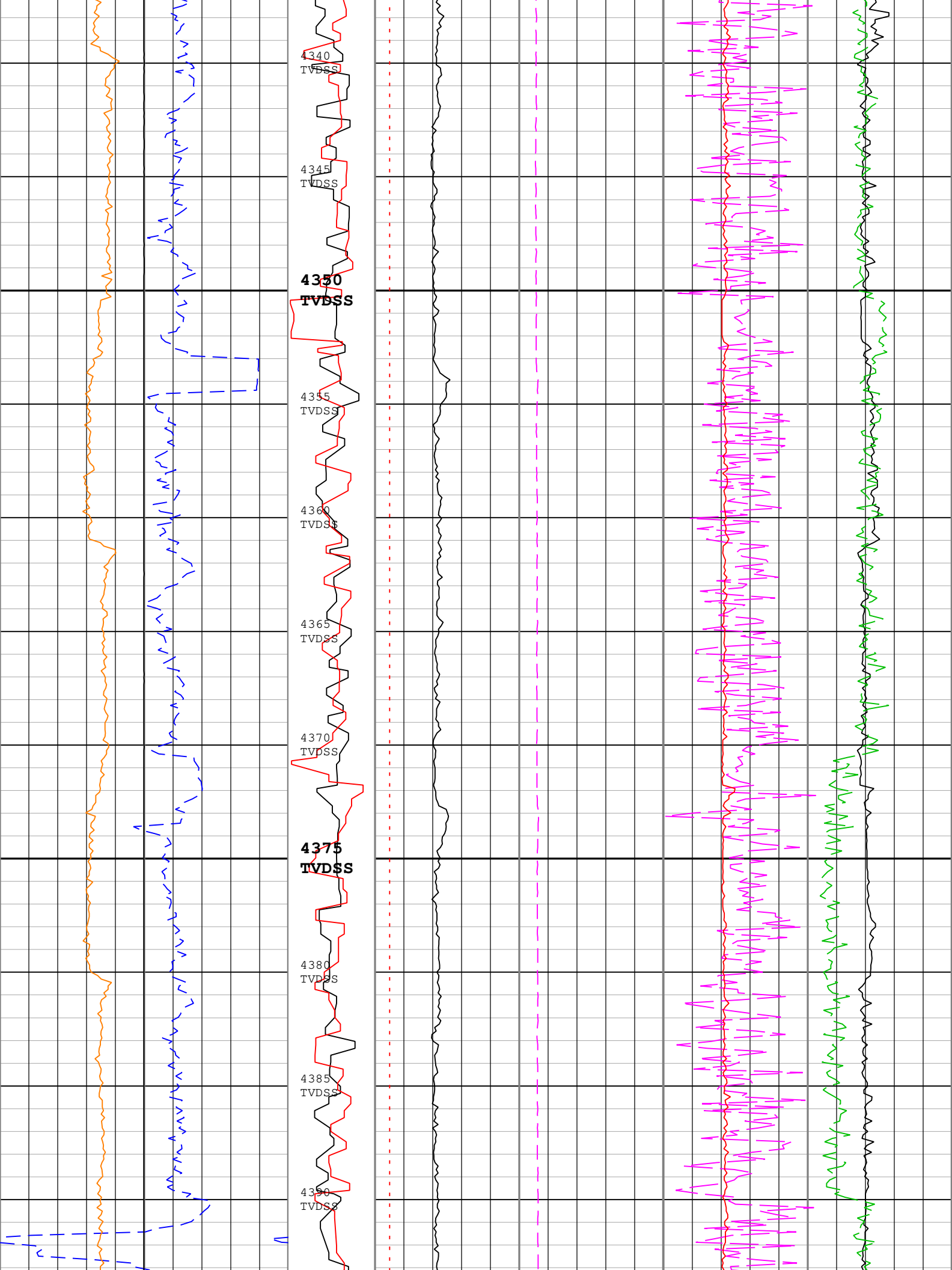

4060
TVDSS
4065
TVDSS
4070
TVDSS
4075
TVDSS
4080
TVDSS
4085
TVDSS
4090
TVDSS
4095
TVDSS
4100
TVDSS
4105
TVDSS
4110
TVDSS

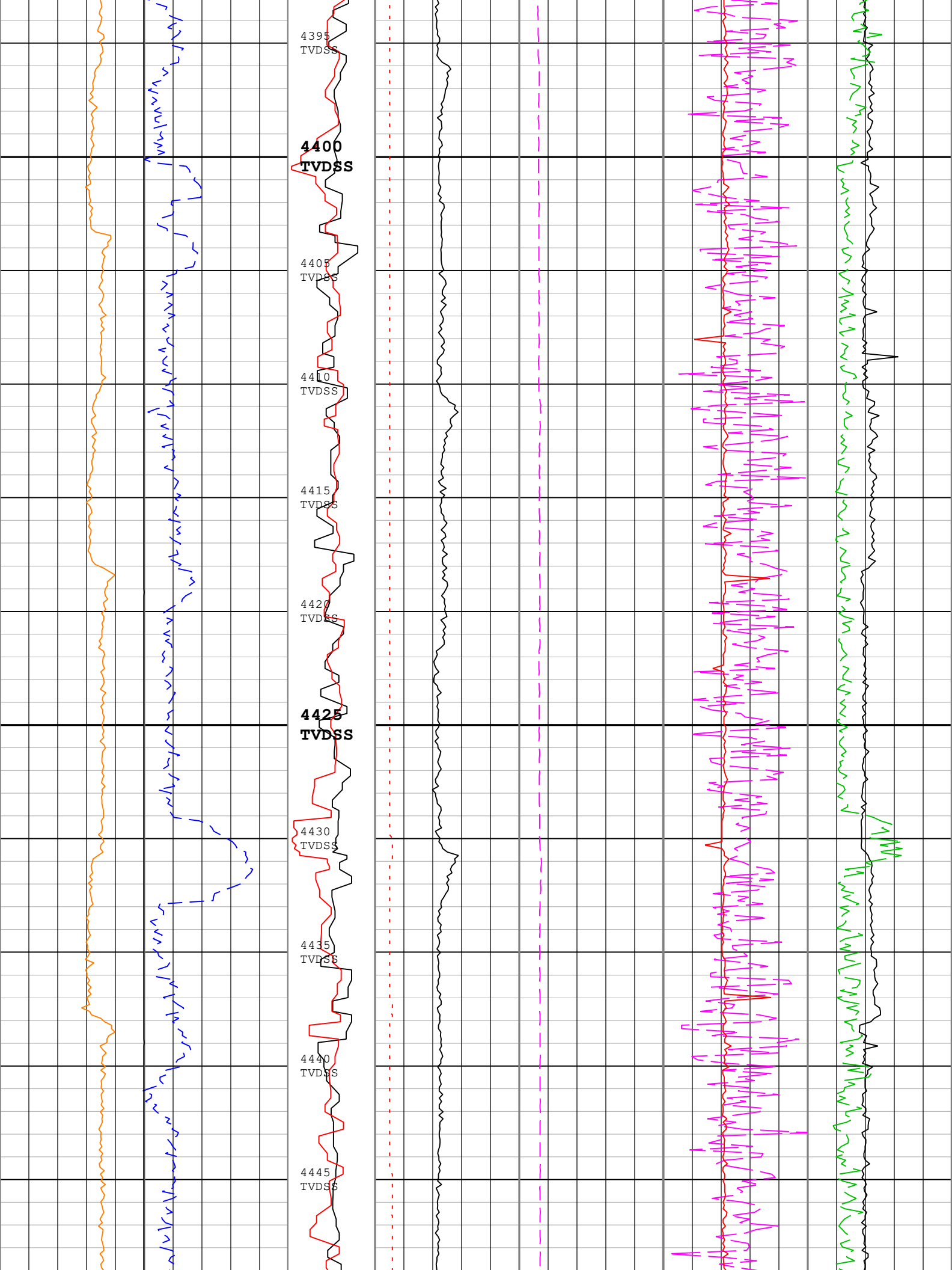

4115
TVDSS
4120
TVDSS
4125
TVDSS
4130
TVDSS
4135
TVDSS
4140
TVDSS
4145
TVDSS
4150
TVDSS
4155
TVDSS
4160
TVDSS
4165
TVDSS

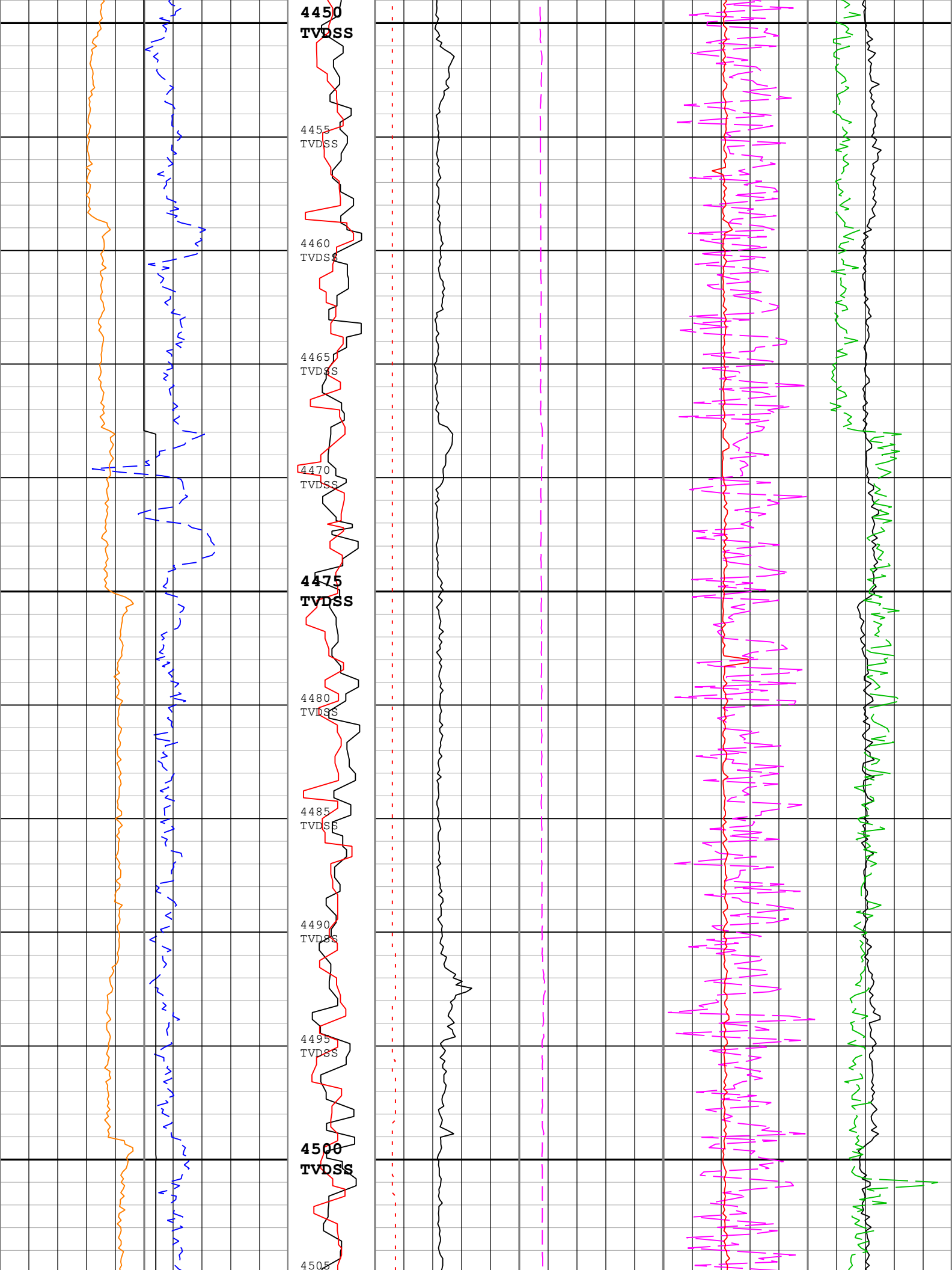

4170
TVDSS
4175
TVDSS
4180
TVDSS
4185
TVDSS
4190
TVDSS
4195
TVDSS
4200
TVDSS
4205
TVDSS
4210
TVDSS
4215
TVDSS
4220
TVDSS
4225
TVDSS

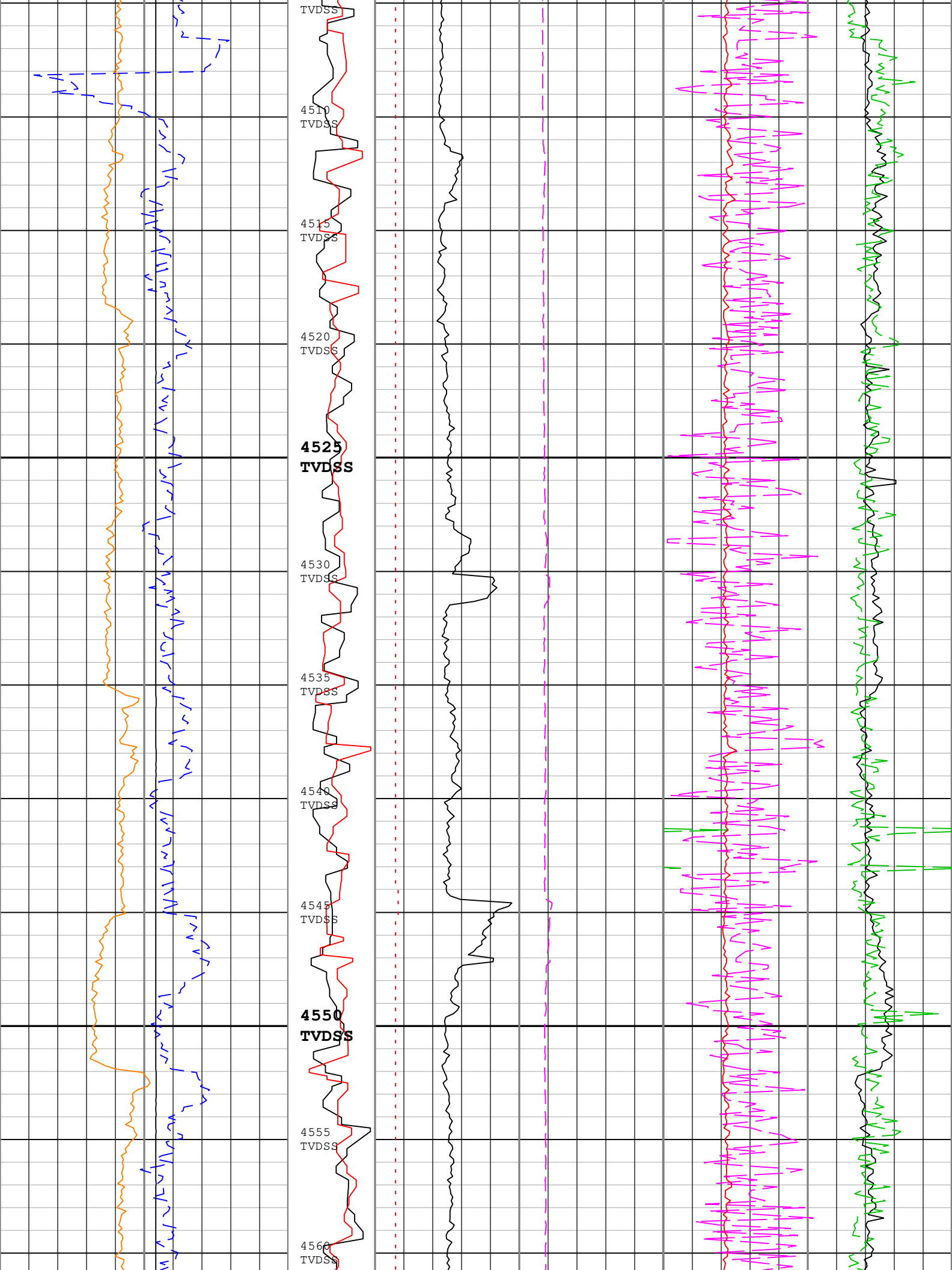

4230
TVDSS
4235
TVDSS
4240
TVDSS
4245
TVDSS
4250
TVDSS
4255
TVDSS
4260
TVDSS
4265
TVDSS
4270
TVDSS
4275
TVDSS
4280
TVDSS

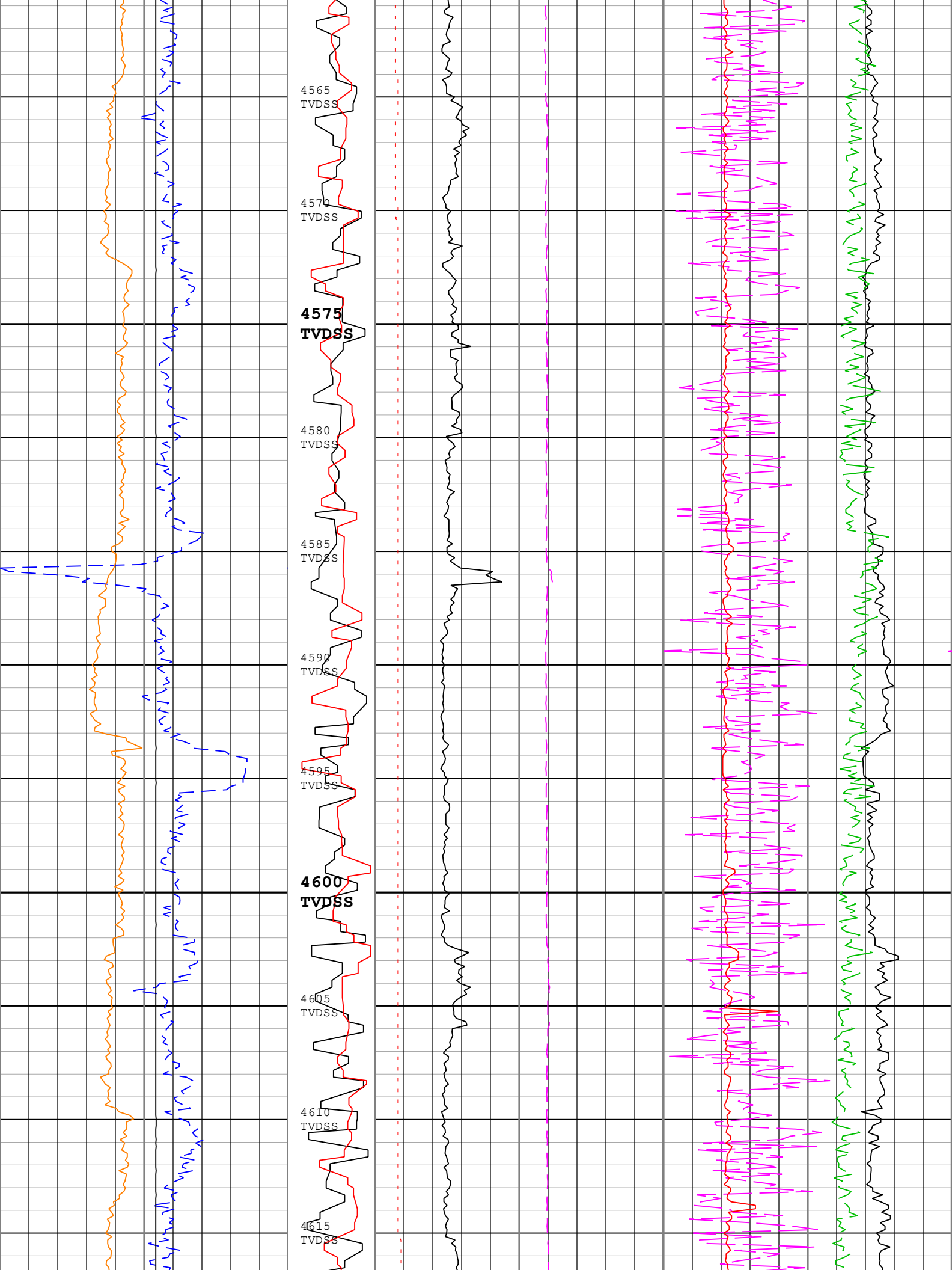

4285
TVDSS
4290
TVDSS
4295
TVDSS
4300
TVDSS
4305
TVDSS
4310
TVDSS
4315
TVDSS
4320
TVDSS
4325
TVDSS
4330
TVDSS
4335
TVDSS

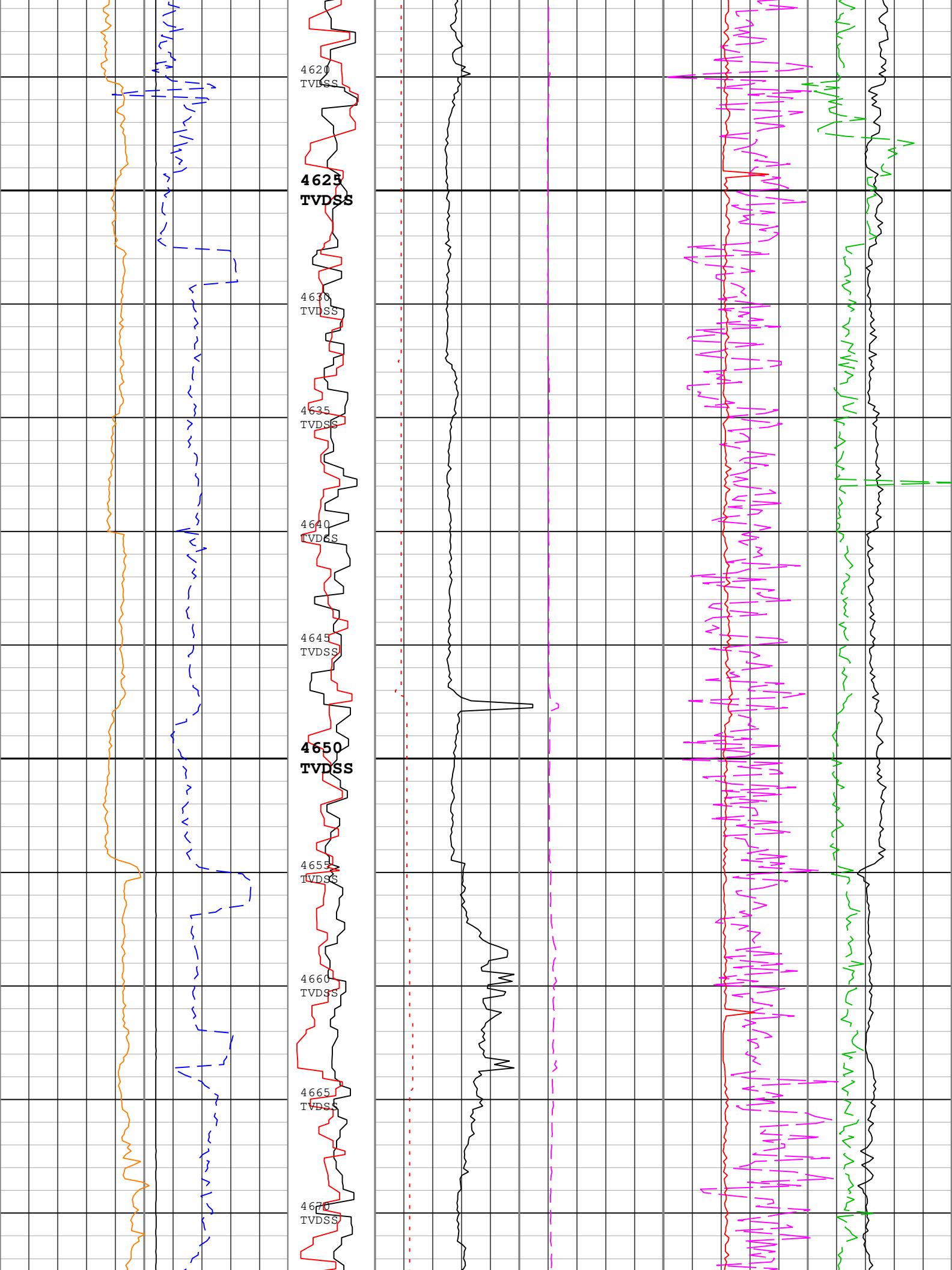

4340
TVDSS
4345
TVDSS
4350
TVDSS
4355
TVDSS
4360
TVDSS
4365
TVDSS
4370
TVDSS
4375
TVDSS
4380
TVDSS
4385
TVDSS
4390
TVDSS

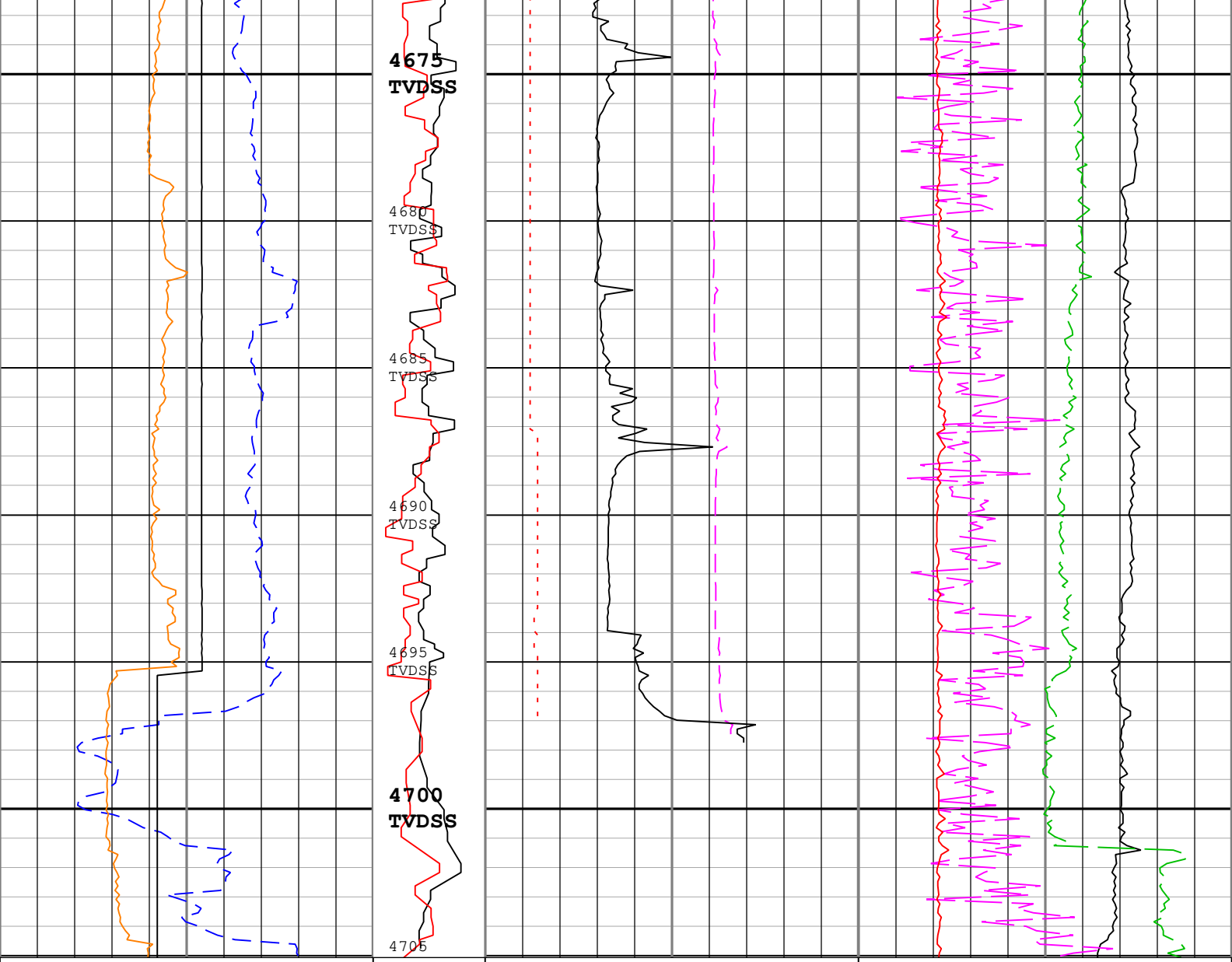

4395
TVDSS
4400
TVDSS
4405
TVDSS
4410
TVDSS
4415
TVDSS
4420
TVDSS
4425
TVDSS
4430
TVDSS
4435
TVDSS
4440
TVDSS
4445
TVDSS


4450
TVDSS
4455
TVDSS
4460
TVDSS
4465
TVDSS
4470
TVDSS
4475
TVDSS
4480
TVDSS
4485
TVDSS
4490
TVDSS
4495
TVDSS
4500
TVDSS
4505


TVDSS
4510
TVDSS
4515
TVDSS
4520
TVDSS
4525
TVDSS
4530
TVDSS
4535
TVDSS
4540
TVDSS
4545
TVDSS
4550
TVDSS
4555
TVDSS
4560
TVDSS


4565
TVDSS
4570
TVDSS
4575
TVDSS
4580
TVDSS
4585
TVDSS
4590
TVDSS
4595
TVDSS
4600
TVDSS
4605
TVDSS
4610
TVDSS
4615
TVDSS


4620
TVDSS
4625
TVDSS
4630
TVDSS
4635
TVDSS
4640
TVDSS
4645
TVDSS
4650
TVDSS
4655
TVDSS
4660
TVDSS
4665
TVDSS
4670
TVDSS



Rate of penetration averaged over the last 5 ft (1.5 m) (ROP5) RT	CRPM_Tele Scope	Downhole Annulus Pressure (APRS_ARC) ARC6 RM	Downhole Weight on Bit (DWOB_RT) TELE675-IWOB RT
50 m/h 0	0 c/min 200	0 MPa 80	-400 kN 200

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 30	0 c/min 400	0 degC 100	-400 kN 200

Total flow rate of all active pumps (TFLO) RT	Equivalent Circulating Density (ECD_ARC) ARC6 RM	Surface Torque (TQA) RT
0 gal/min 1000	1 g/cm3 1.2	-10 kN.m 40

Downhole Torque (MWD) (DTOR_RT) TELE675-IWOB RT
-10 kN.m 40

Description: Format: Log (Drilling Mechanics Log 675 RM MD) Index Scale: 1:200 Index Unit: m Index Type: SSTVD Creation Date: 11-Mar-2019 10:08:04

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

Schlumberger

MicroScope HD Resistivity Image

Gamma Ray - Resistivity - HD Resistivity Image

C0024A Run1, Recorded Mode Log, TVDSS 1:200