

Run 4

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 OF 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.

OTHER SERVICES1

OS1:	tcombo/aps/mss
OS2:	FMS/DSI
OS3:	VSI
OS4:	
OS5:	

OTHER SERVICES2

OS1:

OS2:

OS3:

OS4:

OS5:

REMARKS: RUN NUMBER 1
Hole drilled with RCB bottom hole assembly (BHA) at 9.875" BS
UBI run only in measurement Image mode with
0.2inch vertical resolution, 500khz sliding window, 180 samples/rev
Drill pipe set at 2103.1 mbrf.
Fluid type was seawater displaced in the hole prior to logging.
Depth recorded from drill floor; logs presented as--logged without depth cor
All logs presented in wireline measured depth below rig floor (MDBRF).
Caliper opened during upward passes; closed inside pipe and while logging
Hole size corrections made using caliper measurements for upward passes
used for downlog corrections.
AHC used from TD then switched off to facilitate pipe entry.
Caliper closed prior to shutting off compensator and entering pipe or casing
UBI not run in fluid property mode as transducer could not reliably flip.
Ran in hole in measure mode and estimated 204 us/ft for fluid velocity DVF
By measuring inner diameter of drill pipe at 4.125 inch.

[illegible]

RUN 1		
SERVICE ORDER #:		
PROGRAM VERSION:		19C0-187
FLUID LEVEL:		
LOGGED INTERVAL	START	STOP

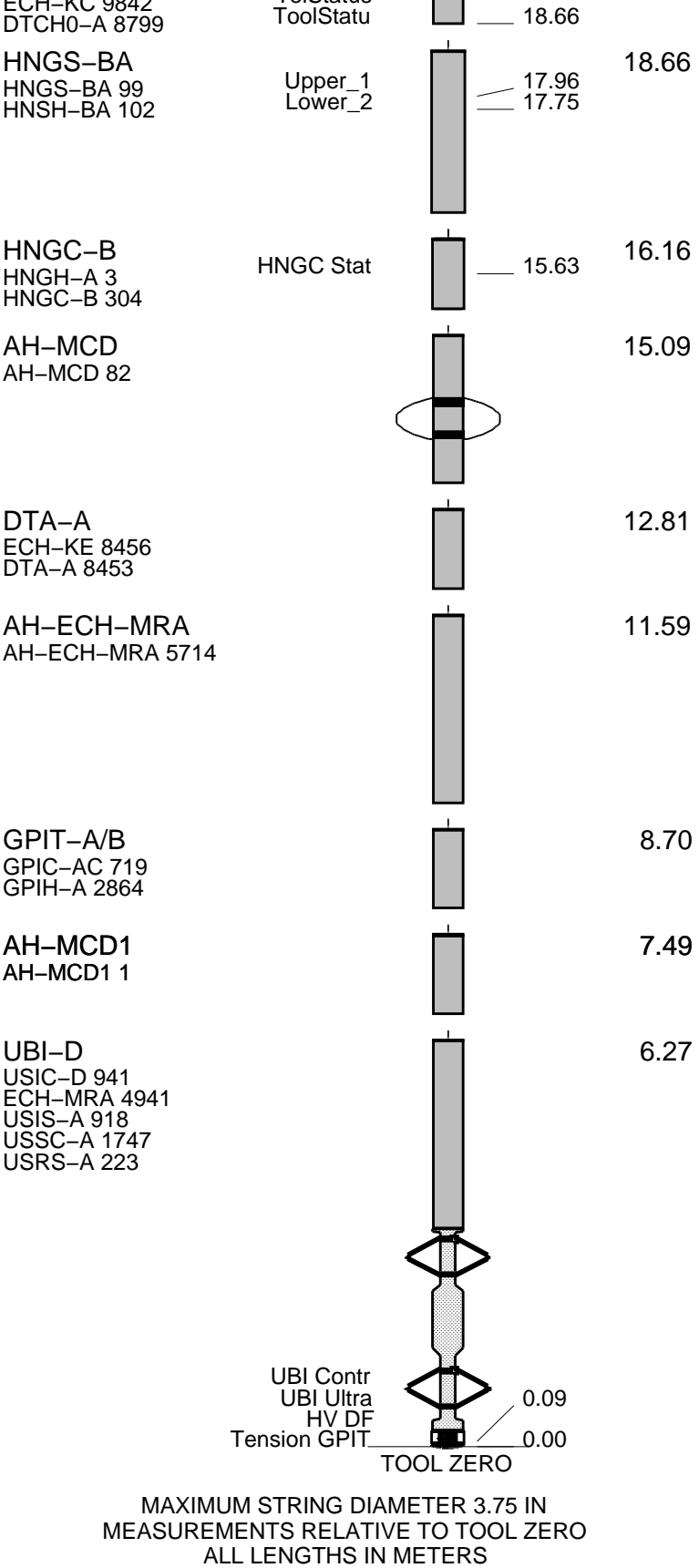
<div> <div>SERVICE ORDER #:</div> <div>PROGRAM VERSION:</div> <div>FLUID LEVEL:</div> </div> <div>RUN 2</div>		
LOGGED INTERVAL	START	STOP

RUN 1

RUN 2

SURFACE EQUIPMENT
 GSR-U 6098
 WITM (DTS)-A

DOWNHOLE EQUIPMENT			
LEH-QT			20.90
LEH-QT 301			
AH-369			20.01
DTC-H	CTEM		19.29
EQU-KC 0040	TelStatus		19.57



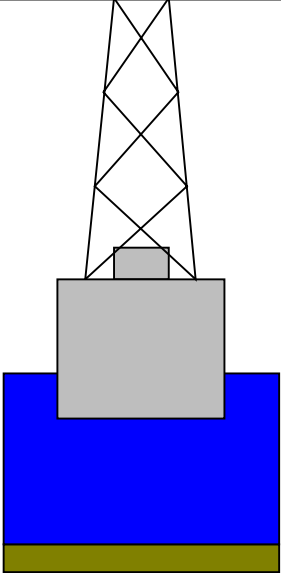
Production String	(in)	(M)	Well Schematic	(M)	(in)	Casing String
	OD	ID		MD	OD	

Kelly Bushing Elevation
Derrick Floor Elevation

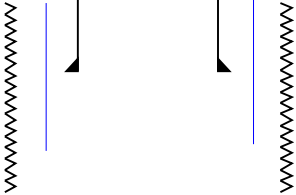
Mean Sea Level

0
0

11



4.1

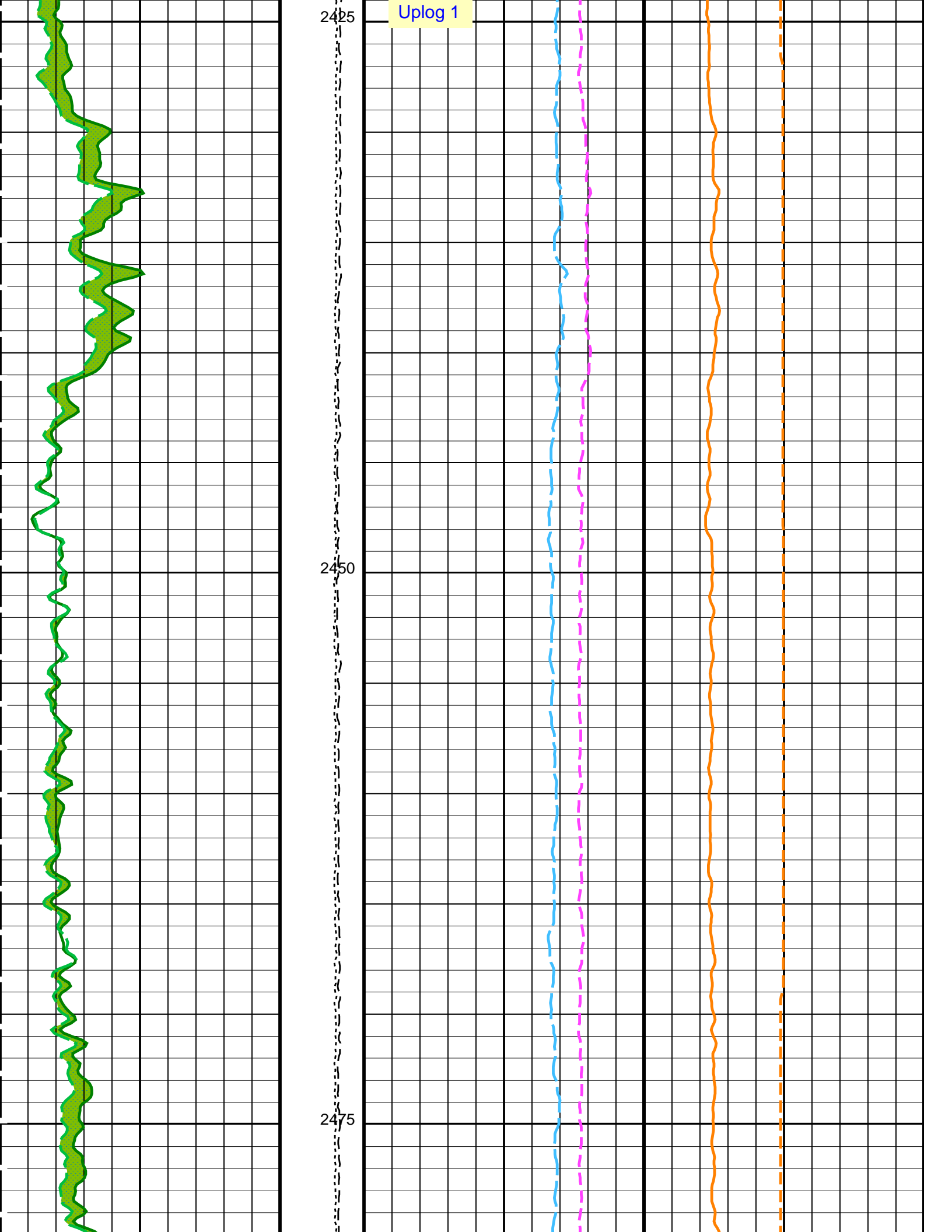


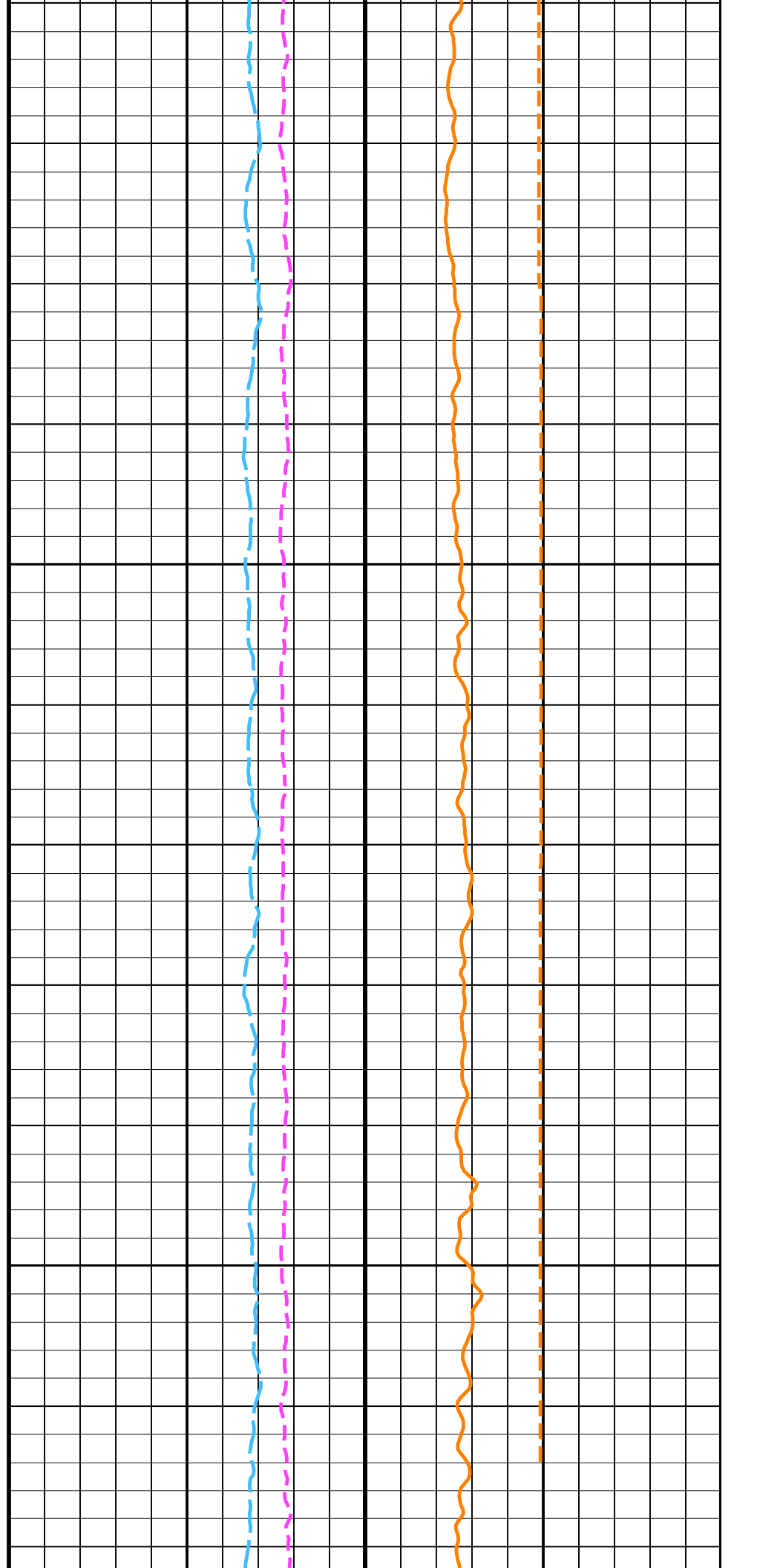
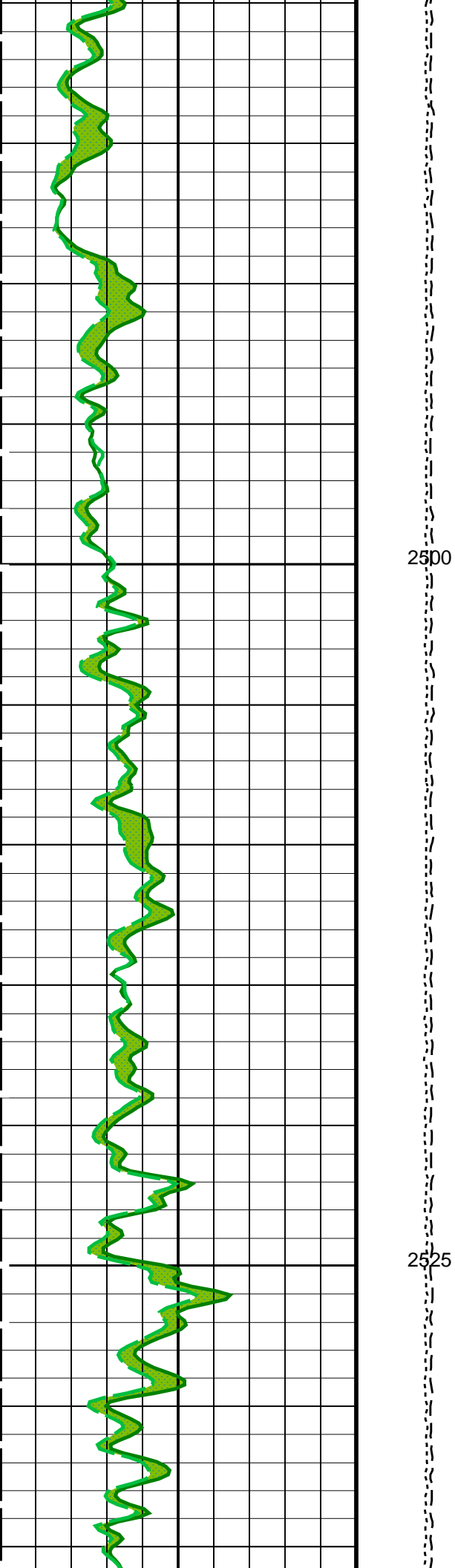
2014.5 4.1
2103.1 9.875

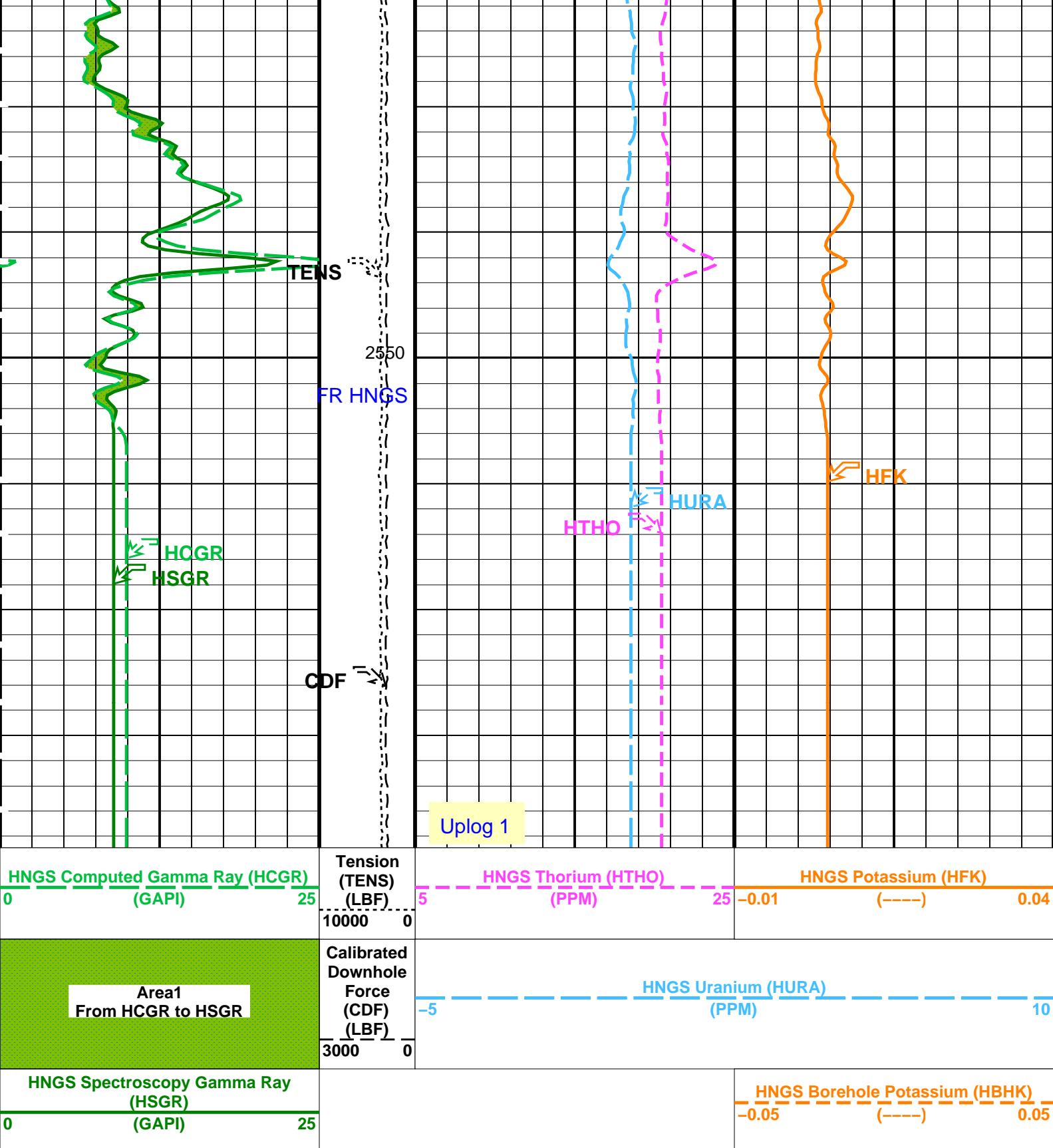
2576

Sea Floor
Open Hole

Total Depth







PIP SUMMARY

Parameters

DLIS Name	Description	Value
HNGBA: Hostile Natural Gamma Ray Sonde		
BAR1	HNGB Detector 1 Barite Constant	1
BAR2	HNGB Detector 2 Barite Constant	1
BHK	HNGB Borehole Potassium Correction Concentration	0
BHS	Borehole Status	OPEN
CSD1	Inner Casing Outer Diameter	0 IN
CSD2	Outer Casing Outer Diameter	0 IN

CSW1	Cuttings Rate Diameter	0	LB/F
CSW2	Inner Casing Weight	0	LB/F
DBCC	HNGS Barite Constant Correction Flag	NONE	
GCSE	Generalized Caliper Selection	BS	
H1P	HNGS Detector 1 Allow/Disallow In Processing	ALLOW	
H2P	HNGS Detector 2 Allow/Disallow In Processing	ALLOW	
HABK	HNGS Borehole Potassium Running Average	-0.038074	
HALF	HNGS Alpha Filter Length	60	IN
HCRB	HNGS Apply Borehole Potassium Correction	NONE	
HMWM	Mud Weighting Material	NATU	
HNPE	HNGS Processing Enable	YES	
S1BI	HNGS Detector 1 Calibration Bismuth Count Rate	1.3	CPS
S2BI	HNGS Detector 2 Calibration Bismuth Count Rate	1.3	CPS
SGRC	HNGS Standard Gamma-Ray Correction Flag	YES	
TPOS	Tool Position	CENT	
VBA1	HNGS Detector 1 Variable Barite Factor Running Average	0.967183	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	1.00774	
BS	System and Miscellaneous Bit Size	9.875	IN

Format: HNGSYields Vertical Scale: 1:200 Graphics File Created: 20-Jul-2021 16:47

OP System Version: 19C0-187

UBI-D	SRPC-5095-H2-2011-OP19	GPIT-A/B	19C0-187
DTA-A	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	DTC-H	19C0-187

Output DLIS Files

DEFAULT	UBI_NGS_050LUP	FN:86	PRODUCER	20-Jul-2021 16:47
BACKUP	UBI_NGS_050LUP	FN:87	PRODUCER	20-Jul-2021 16:47

Company: International Ocean Discovery Program Well: Expedition 395C, Site U1562B

Output DLIS Files

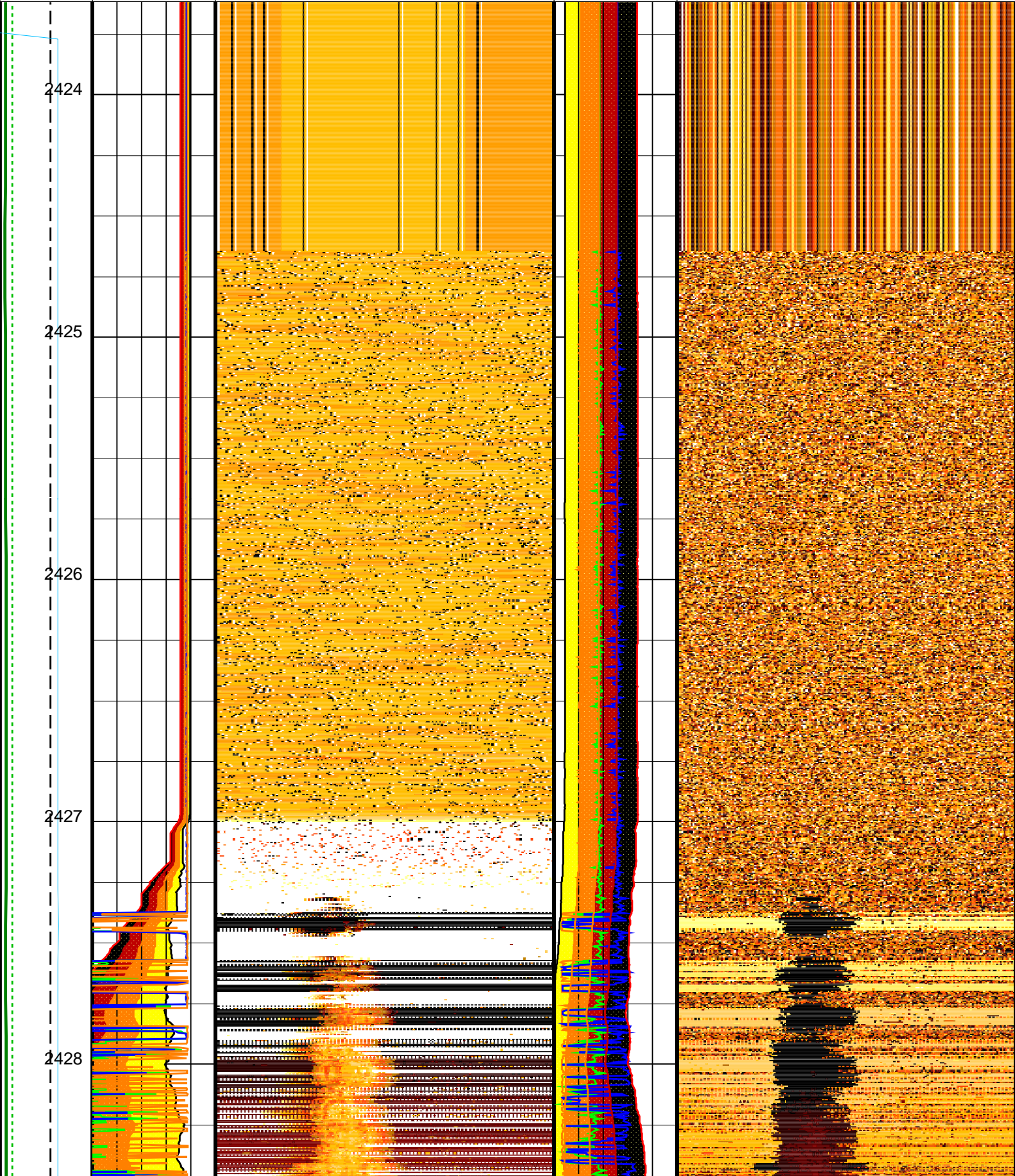
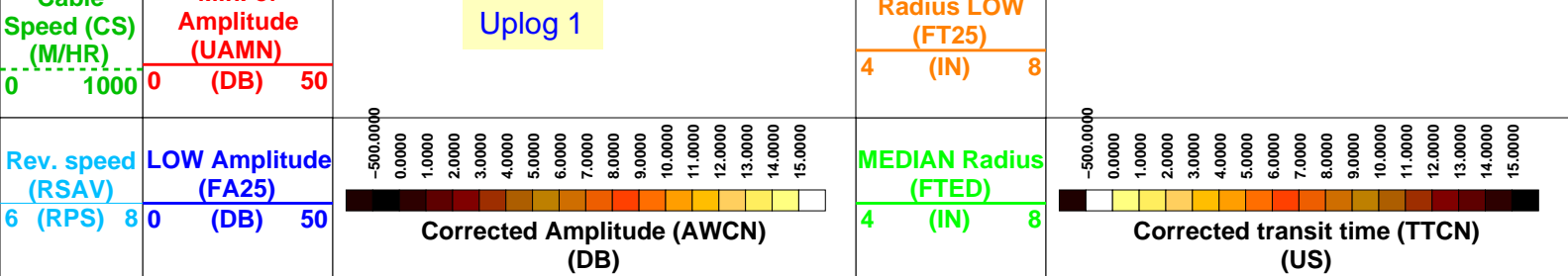
DEFAULT	UBI_NGS_050LUP	FN:86	PRODUCER	20-Jul-2021 16:47	2569.5 M	2423.6 M
BACKUP	UBI_NGS_050LUP	FN:87	PRODUCER	20-Jul-2021 16:47	2569.5 M	2423.6 M

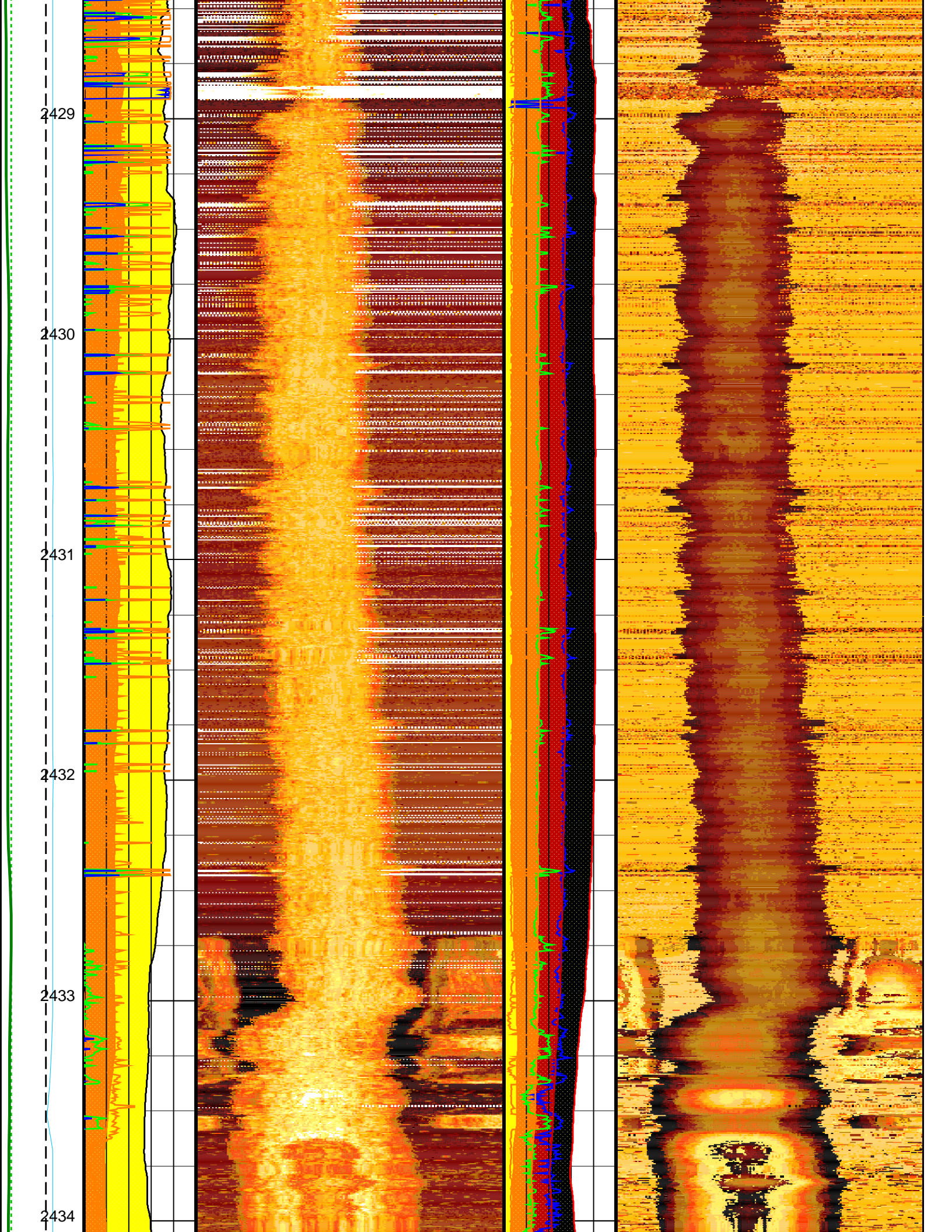
OP System Version: 19C0-187

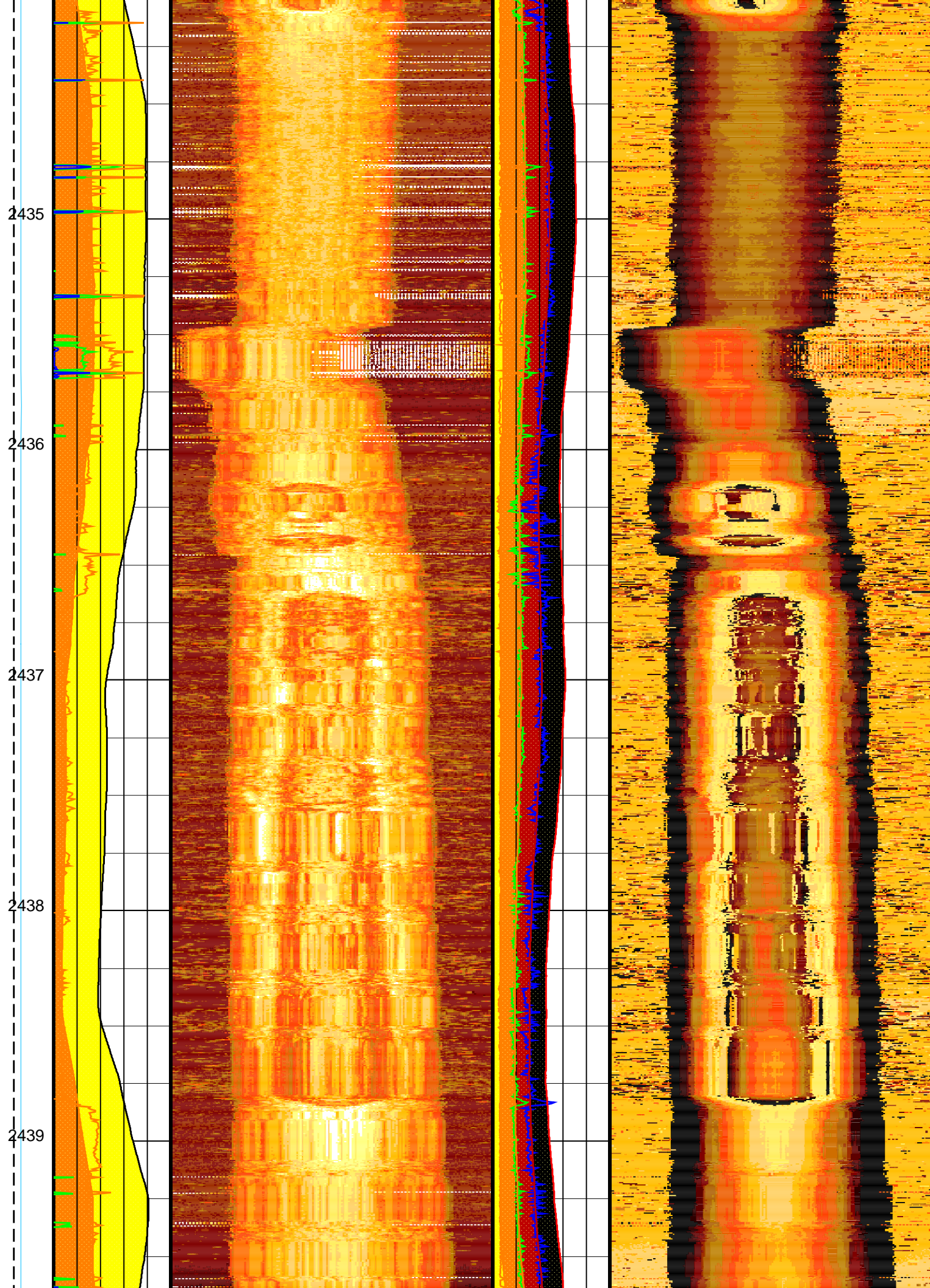
UBI-D	SRPC-5095-H2-2011-OP19	GPIT-A/B	19C0-187
DTA-A	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	DTC-H	19C0-187

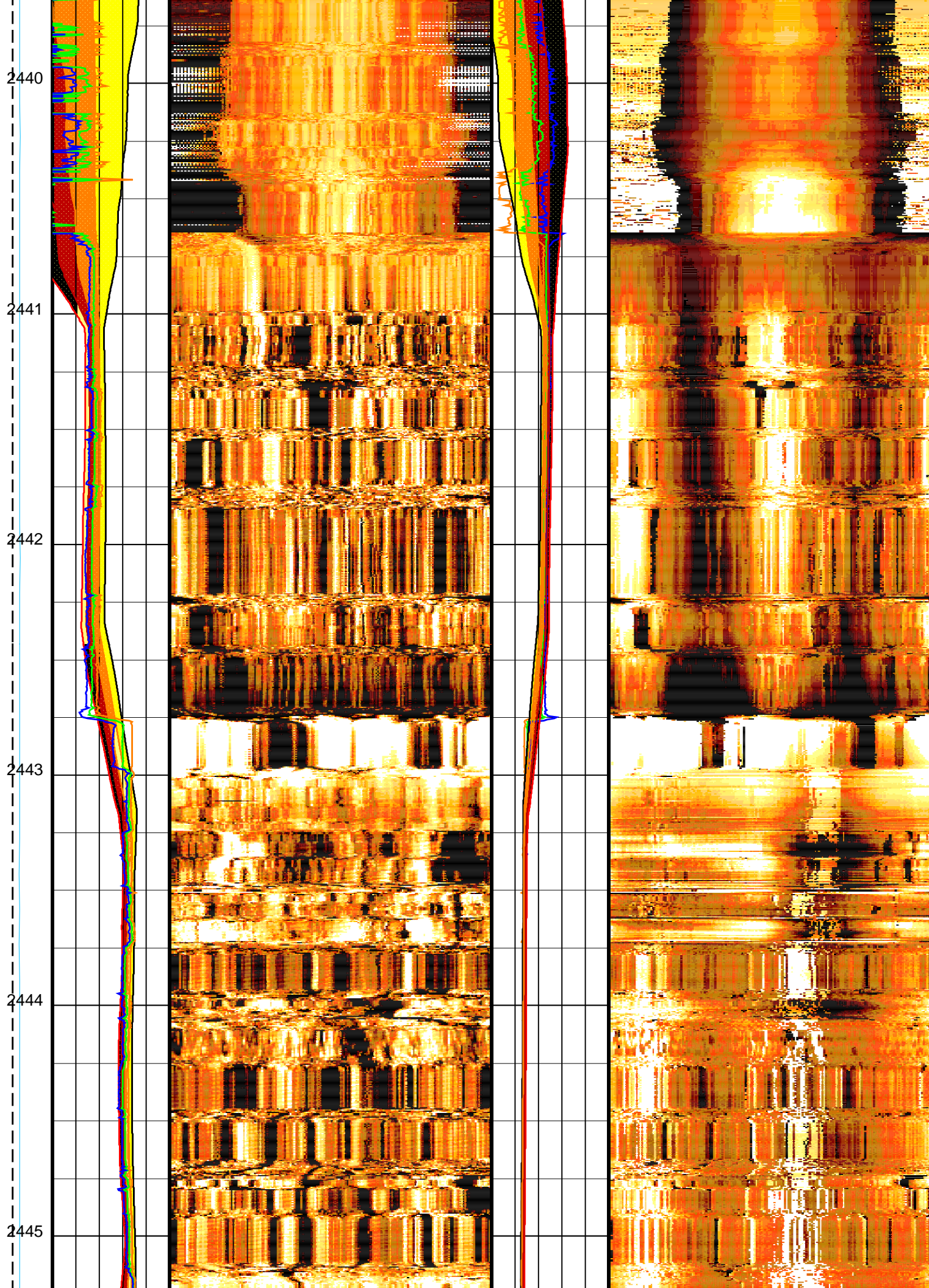
Changed Parameter Summary

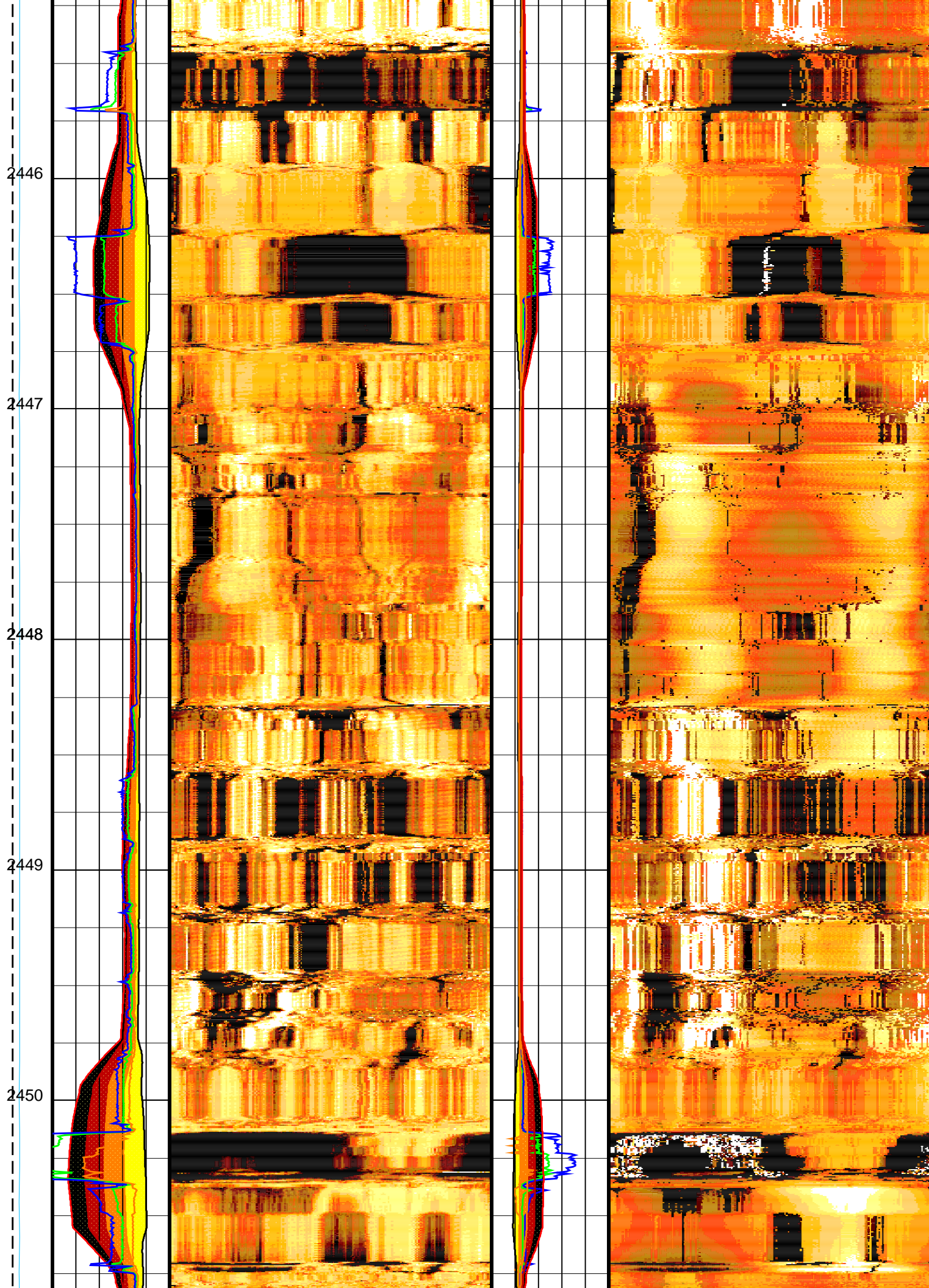
DLIS Name		New Value	Previous Value	Depth & Time
DFVL		204 US/F	204 US/F	2569.5 16:49:24
	HIGH Amplitude (FA75)	0 (DB) 50	Radius max (UTMX)	4 (IN) 8
HNGS Spectroscopy Gamma Ray (HSGR) (GAPI)	MEDIAN of Amplitude (FAED)	0 (DB) 50	Radius min (UTMN)	4 (IN) 8
Fluid velocity (CFVL) (US/F)	Maximum of Amplitude (UAMX)	0 (DB) 50	Radius HIGH (FT75)	4 (IN) 8
Cable	Min. of			

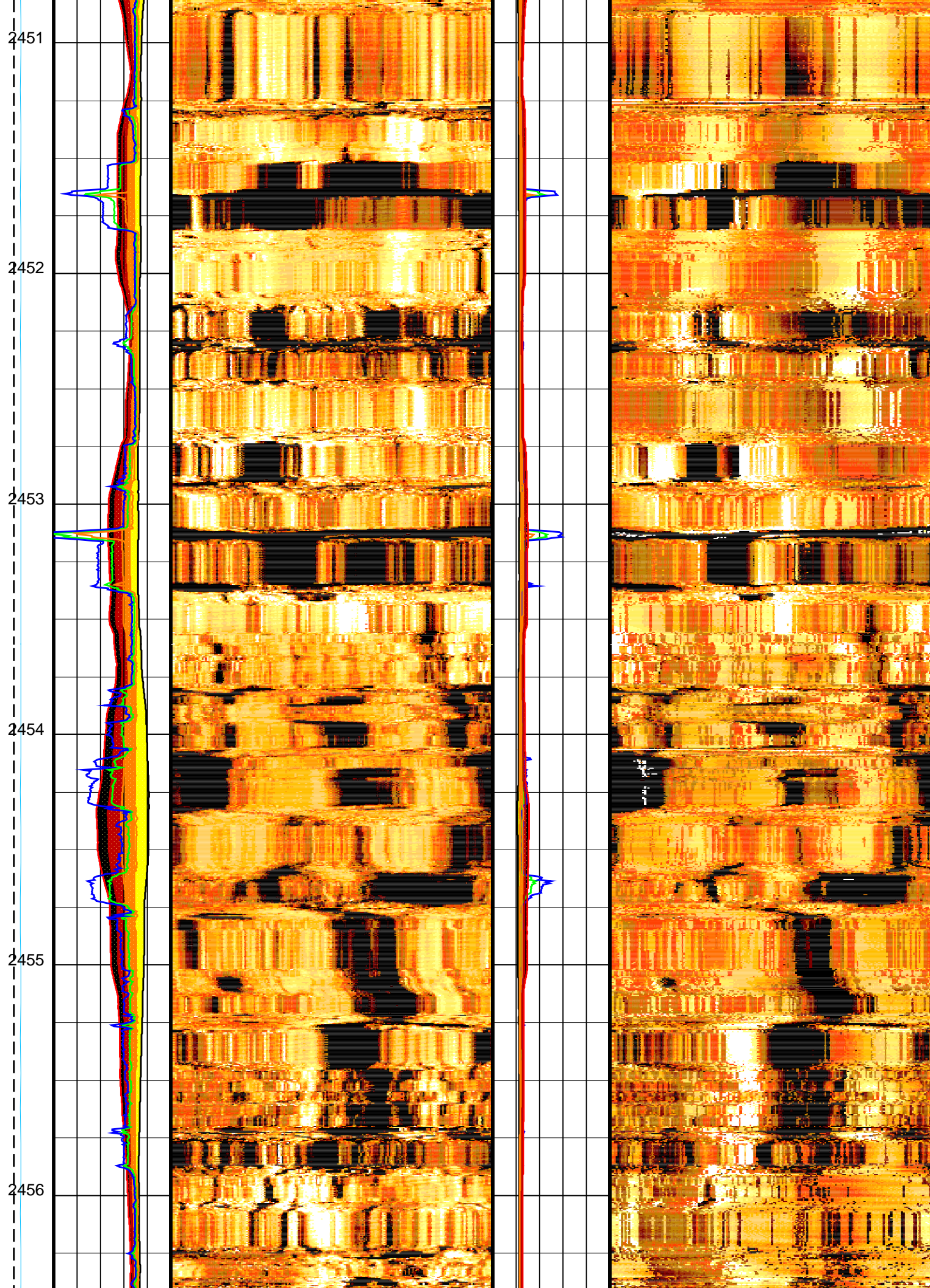












2457

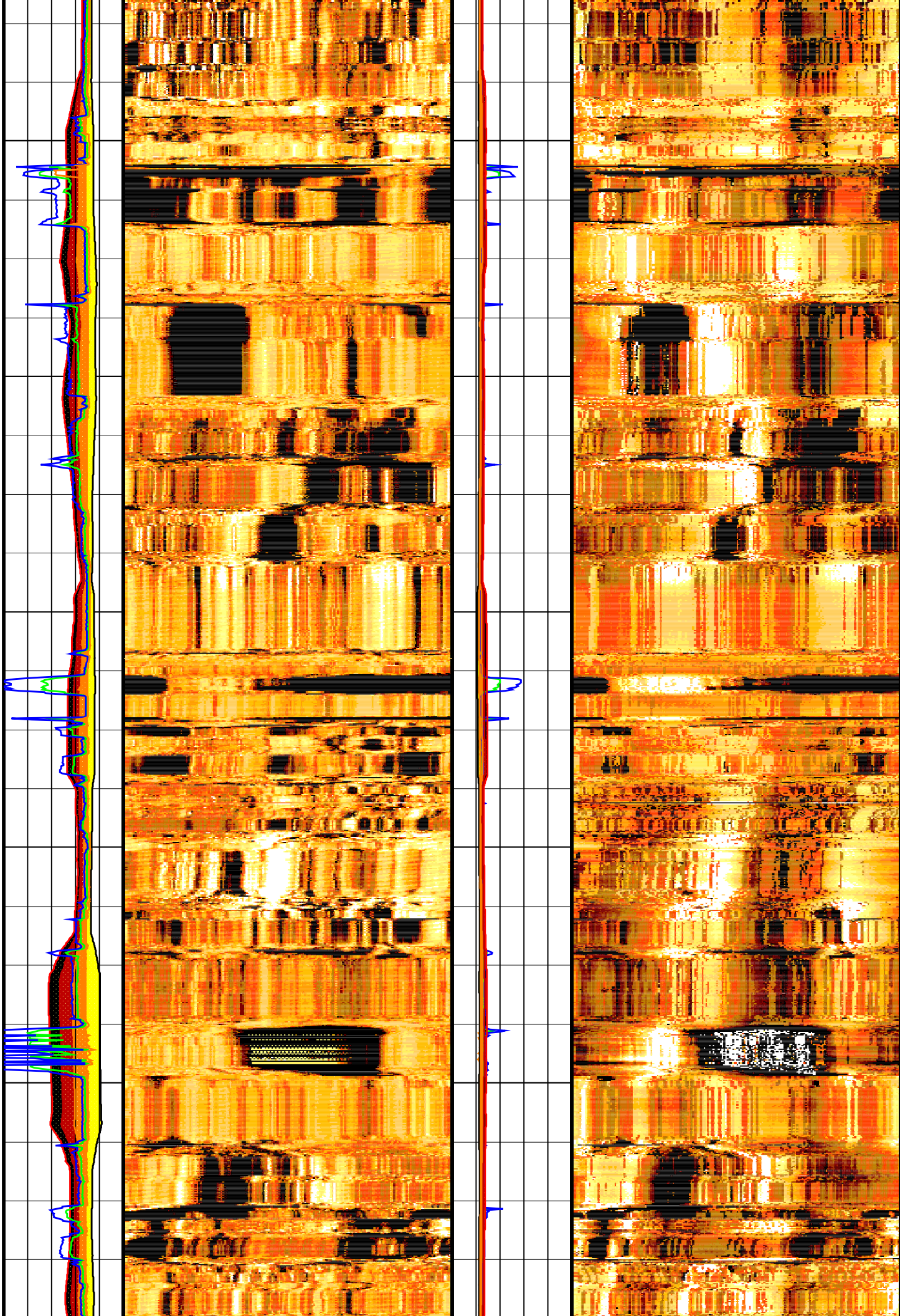
2458

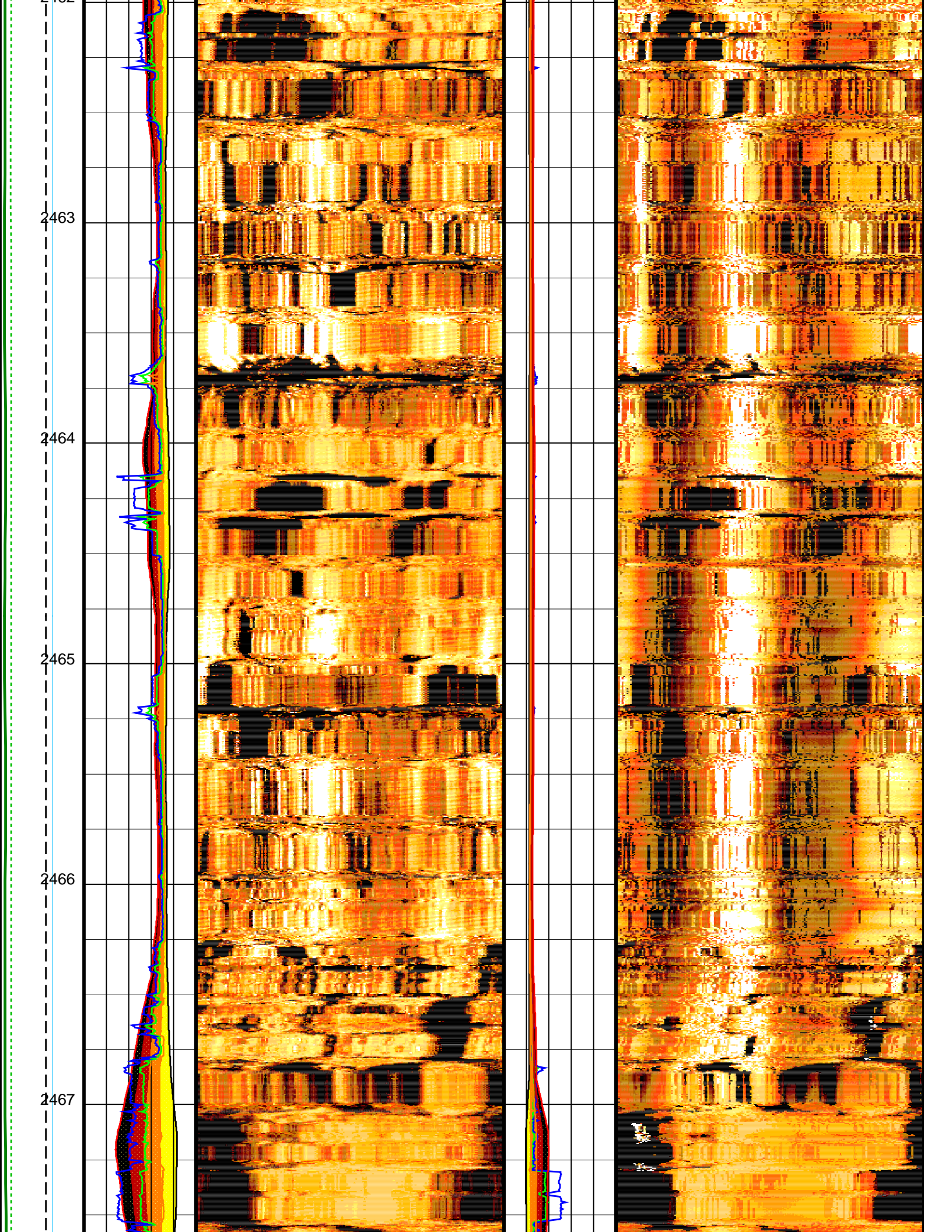
2459

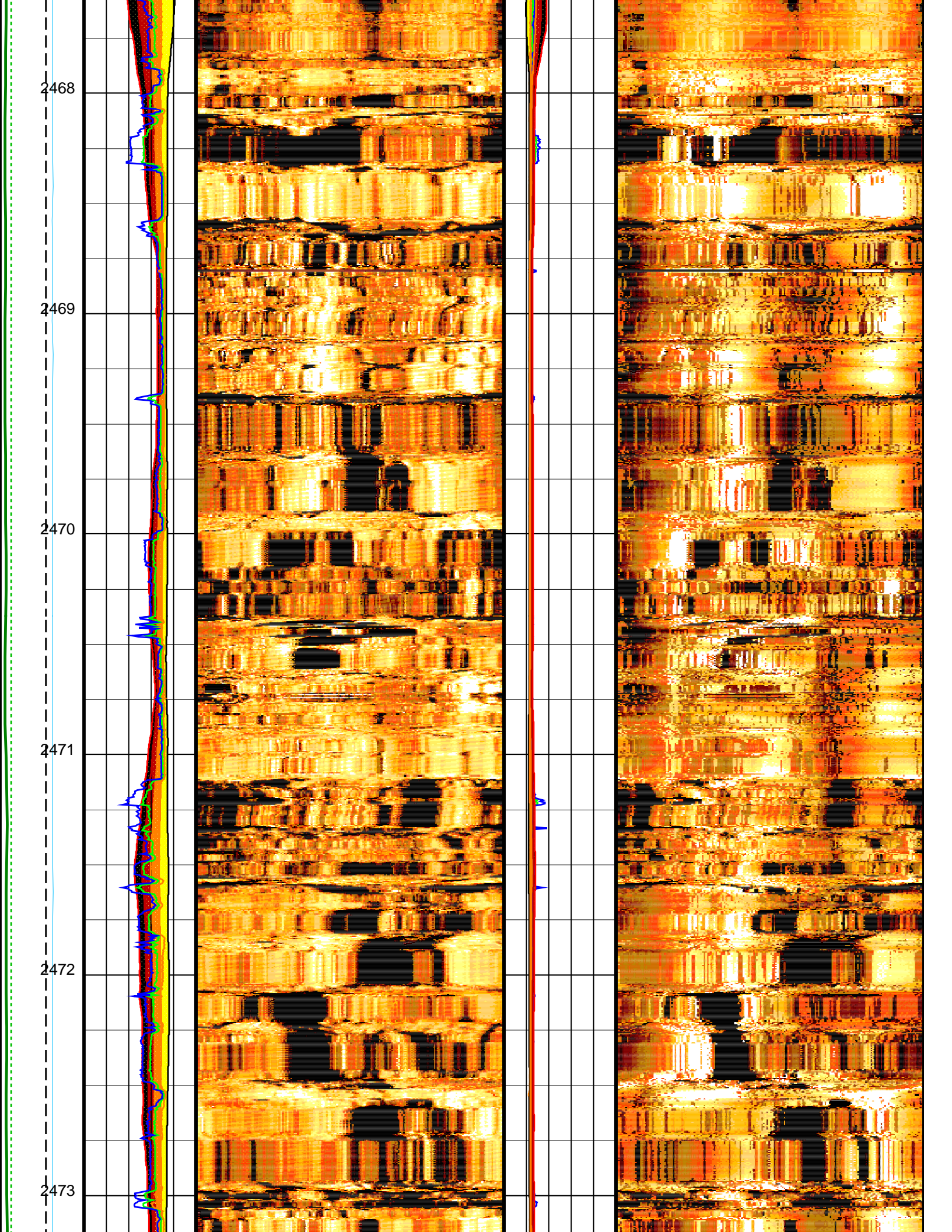
2460

2461

2462







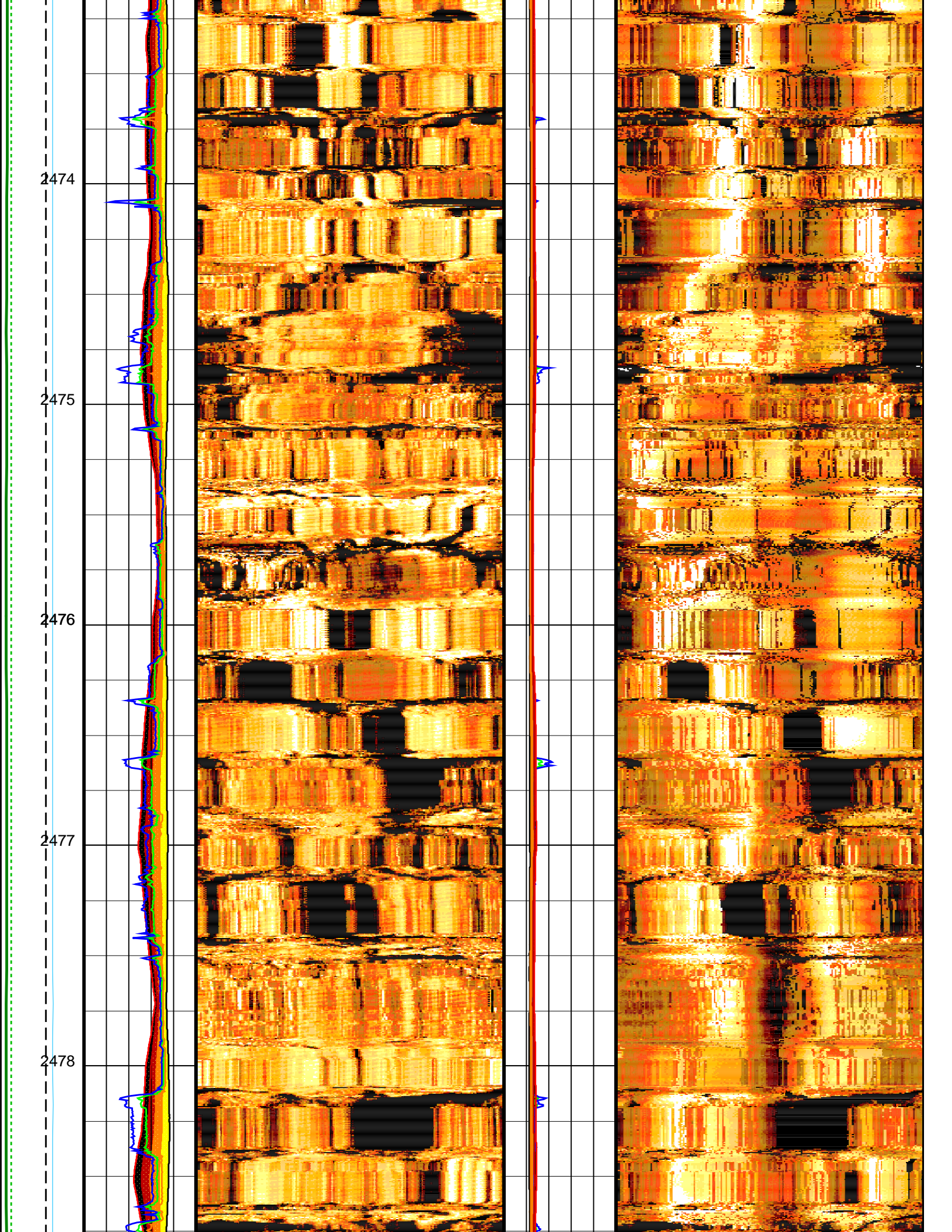
2474

2475

2476

2477

2478



2479

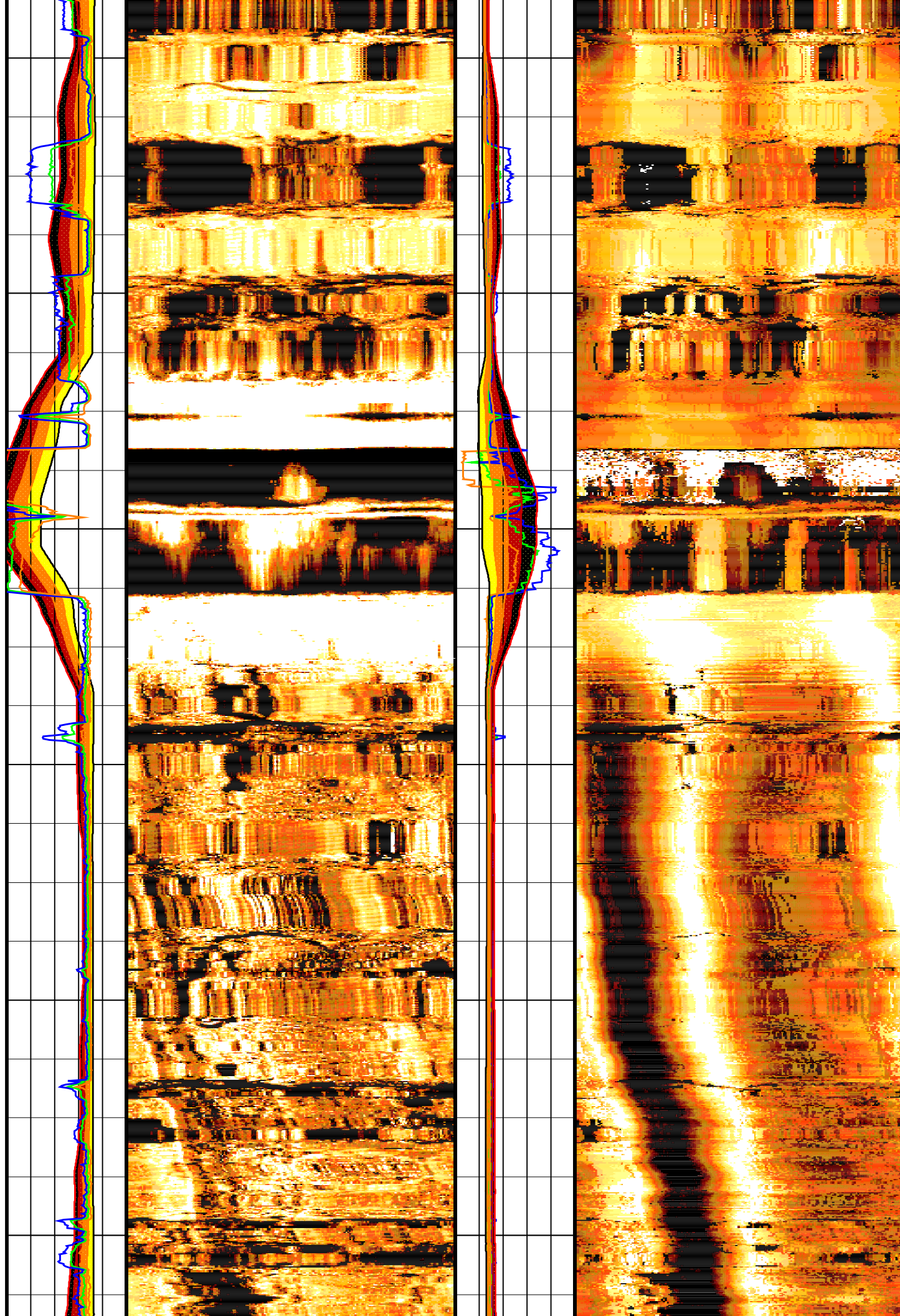
2480

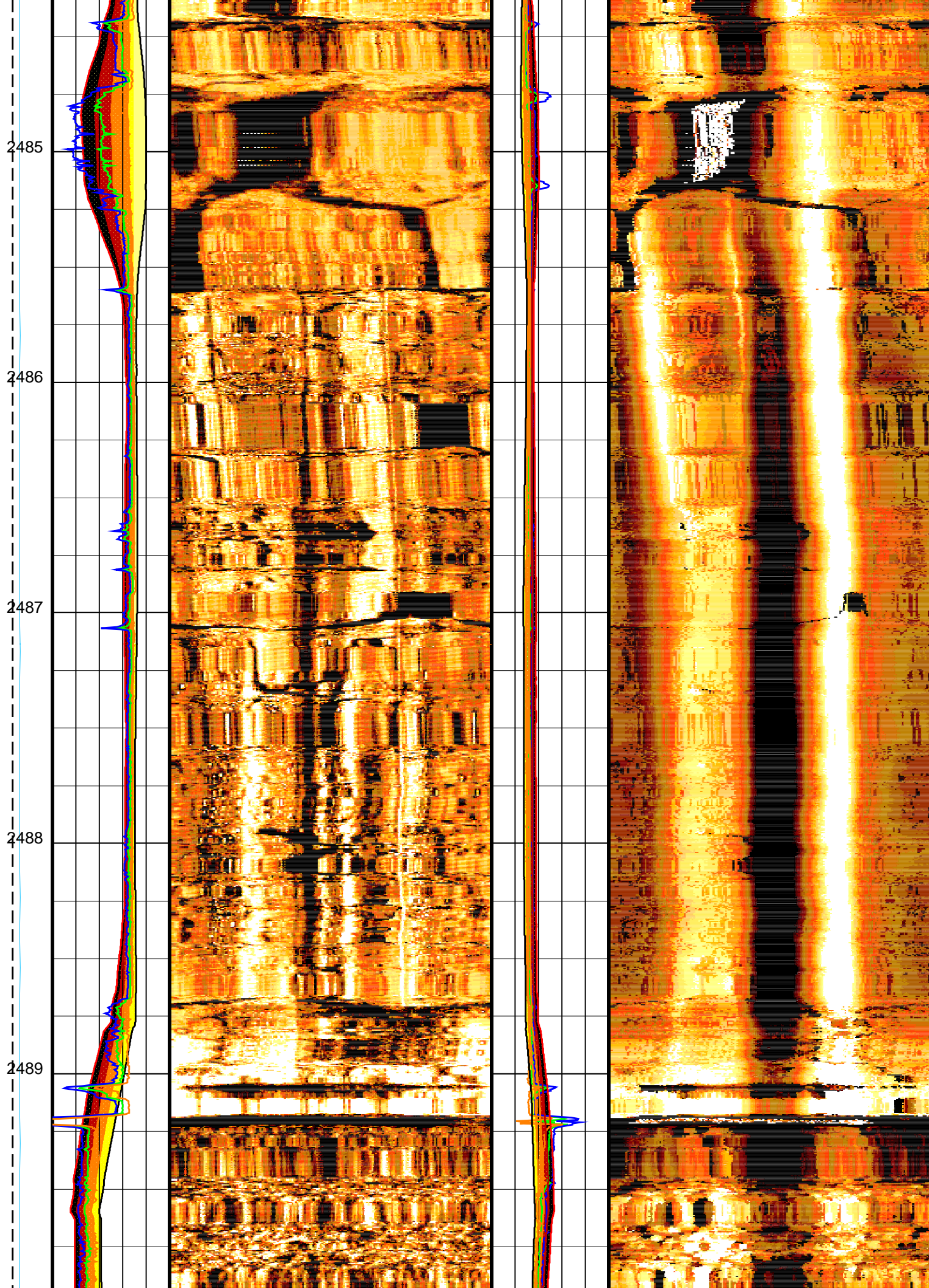
2481

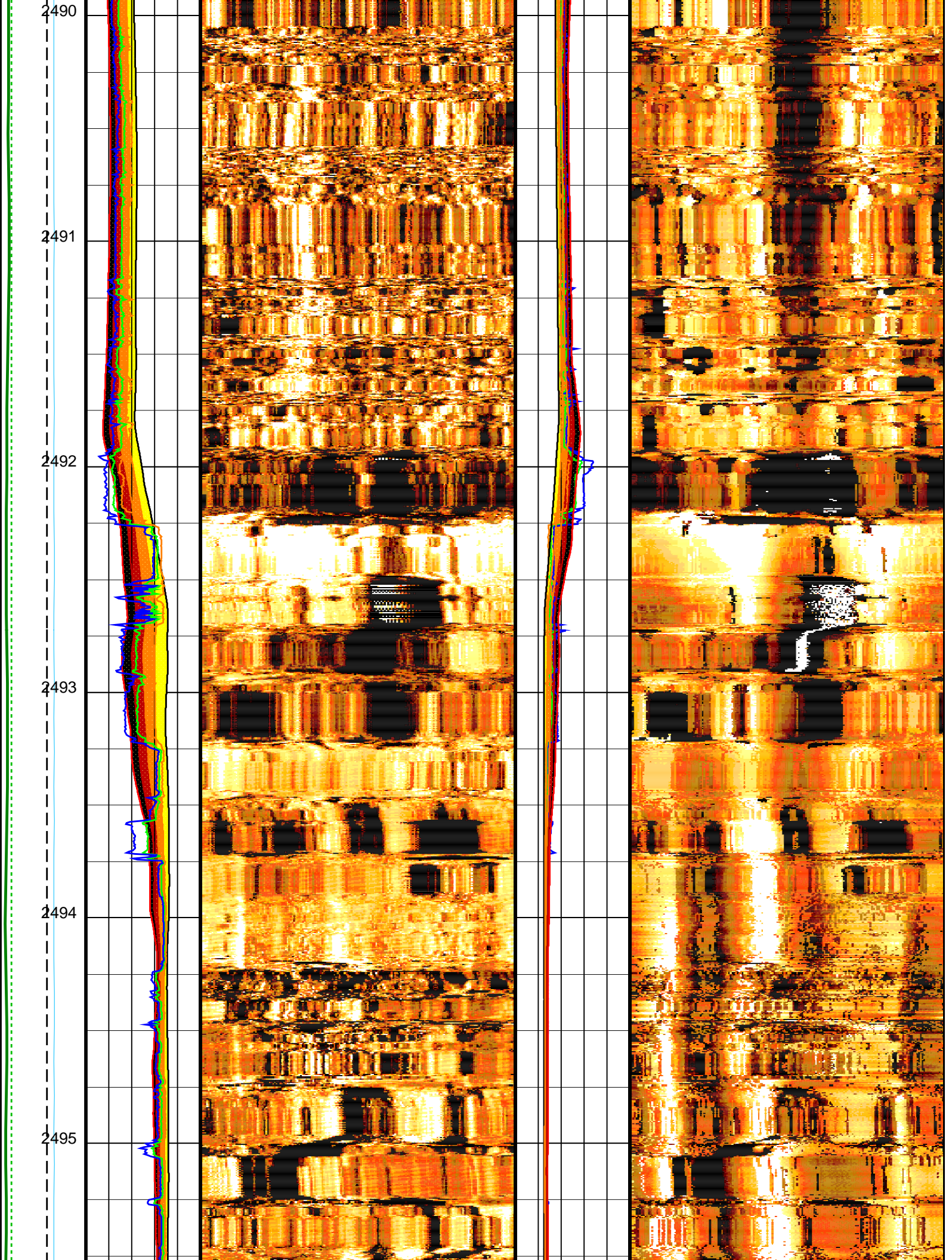
2482

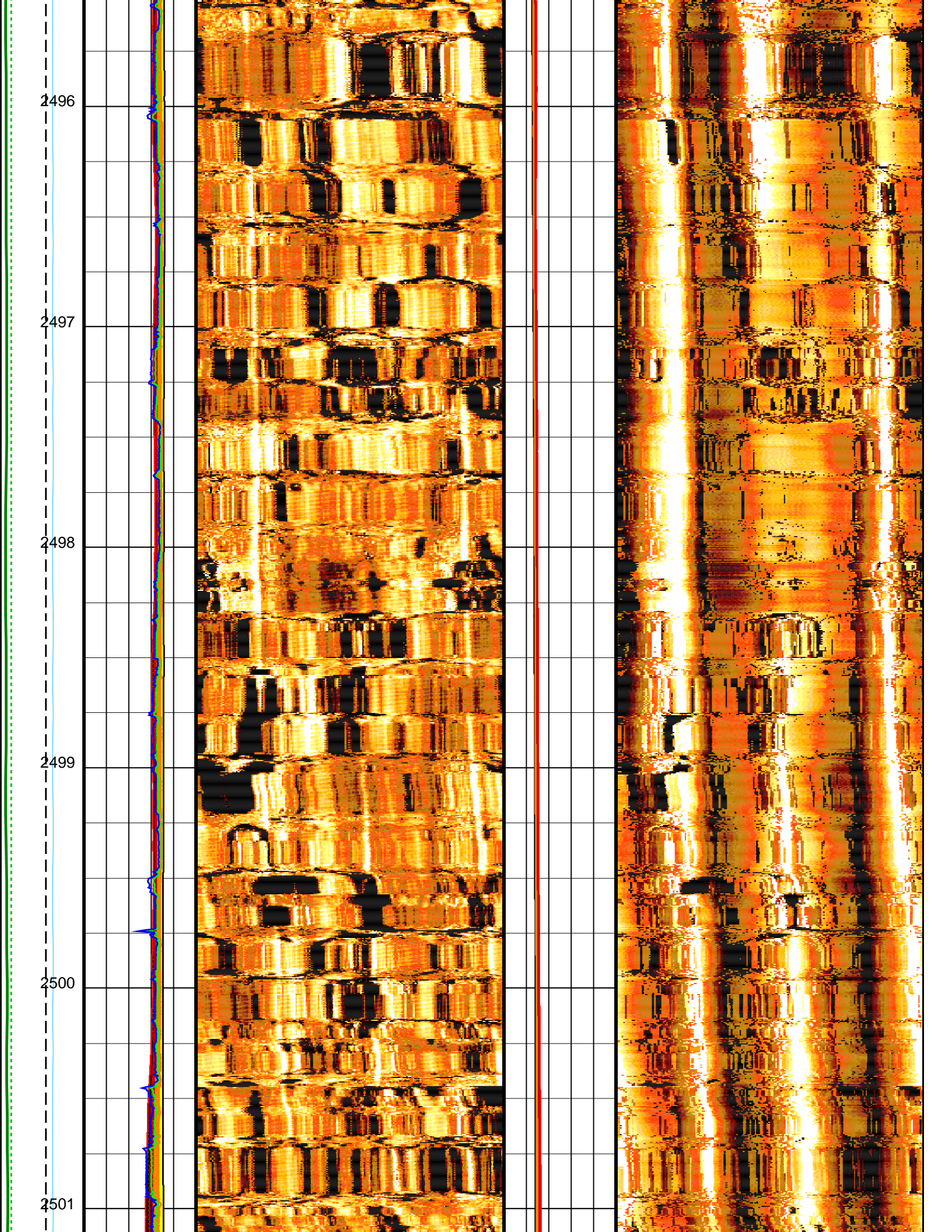
2483

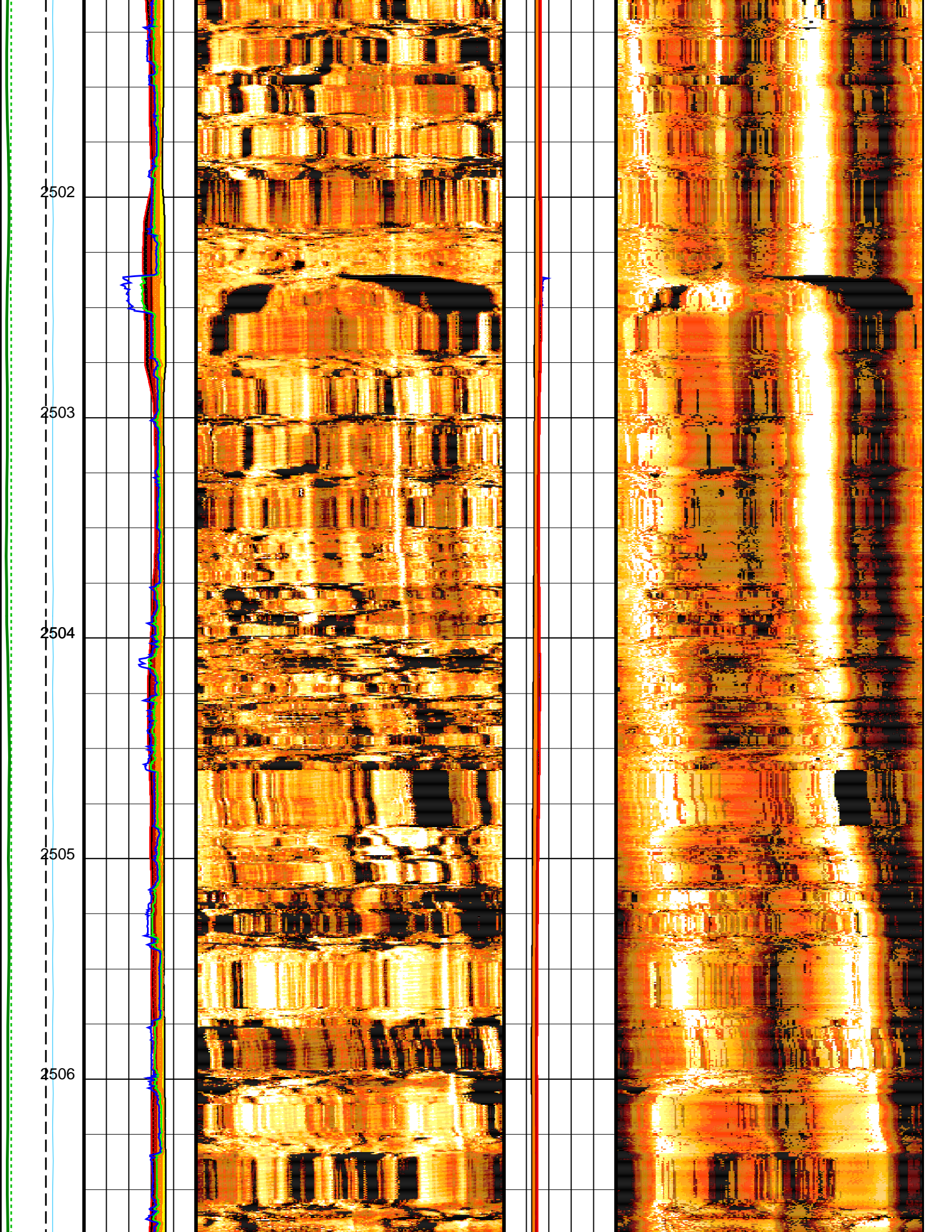
2484

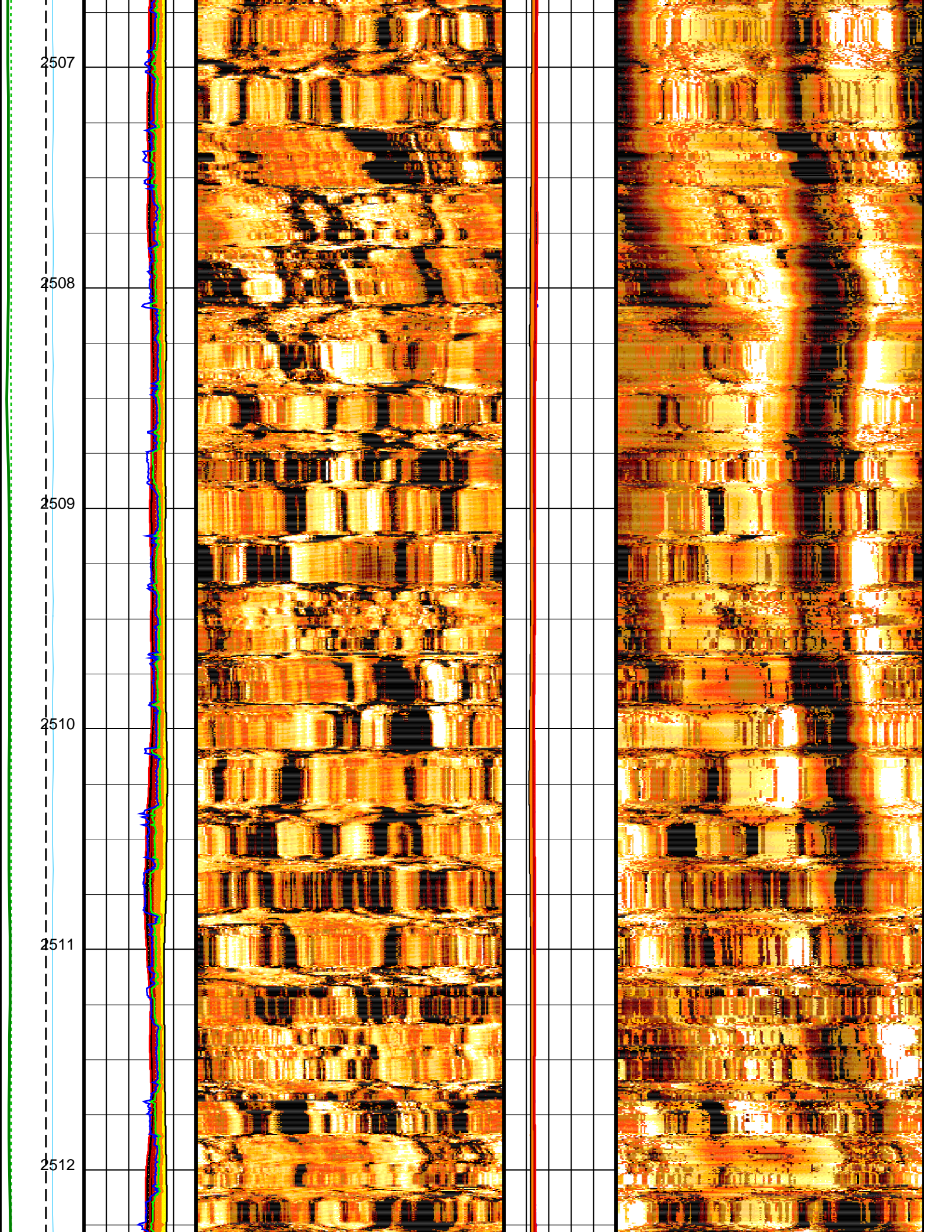


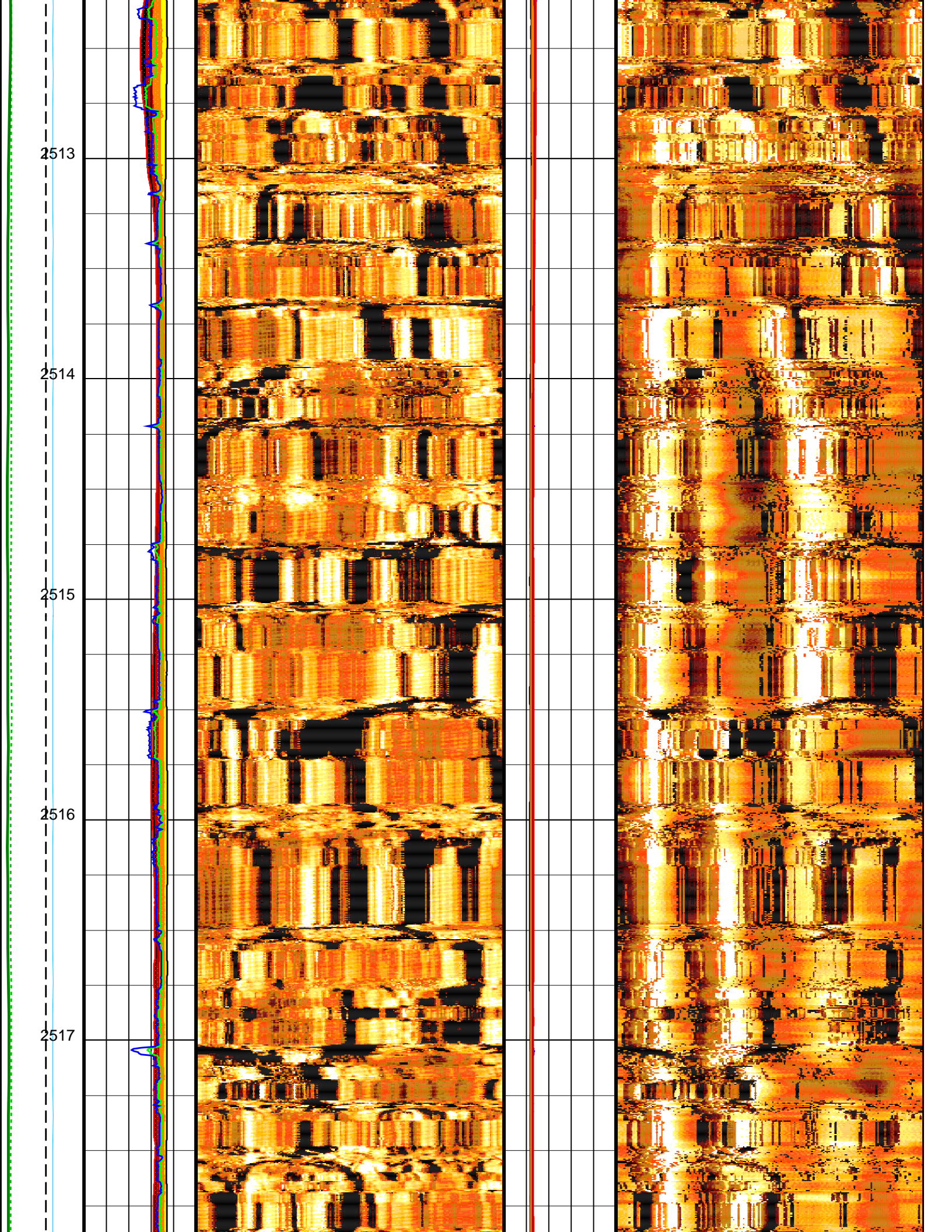


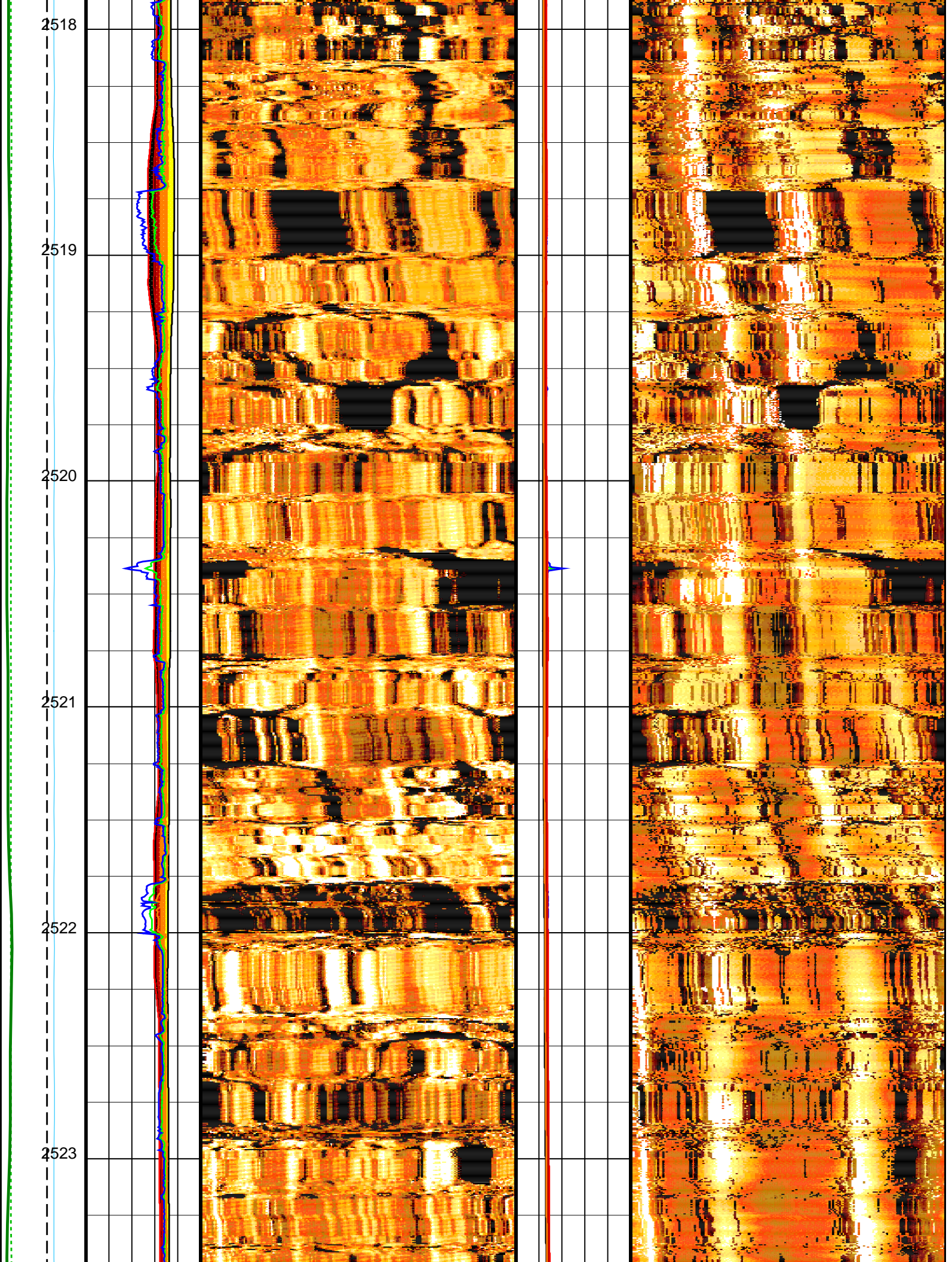












2524

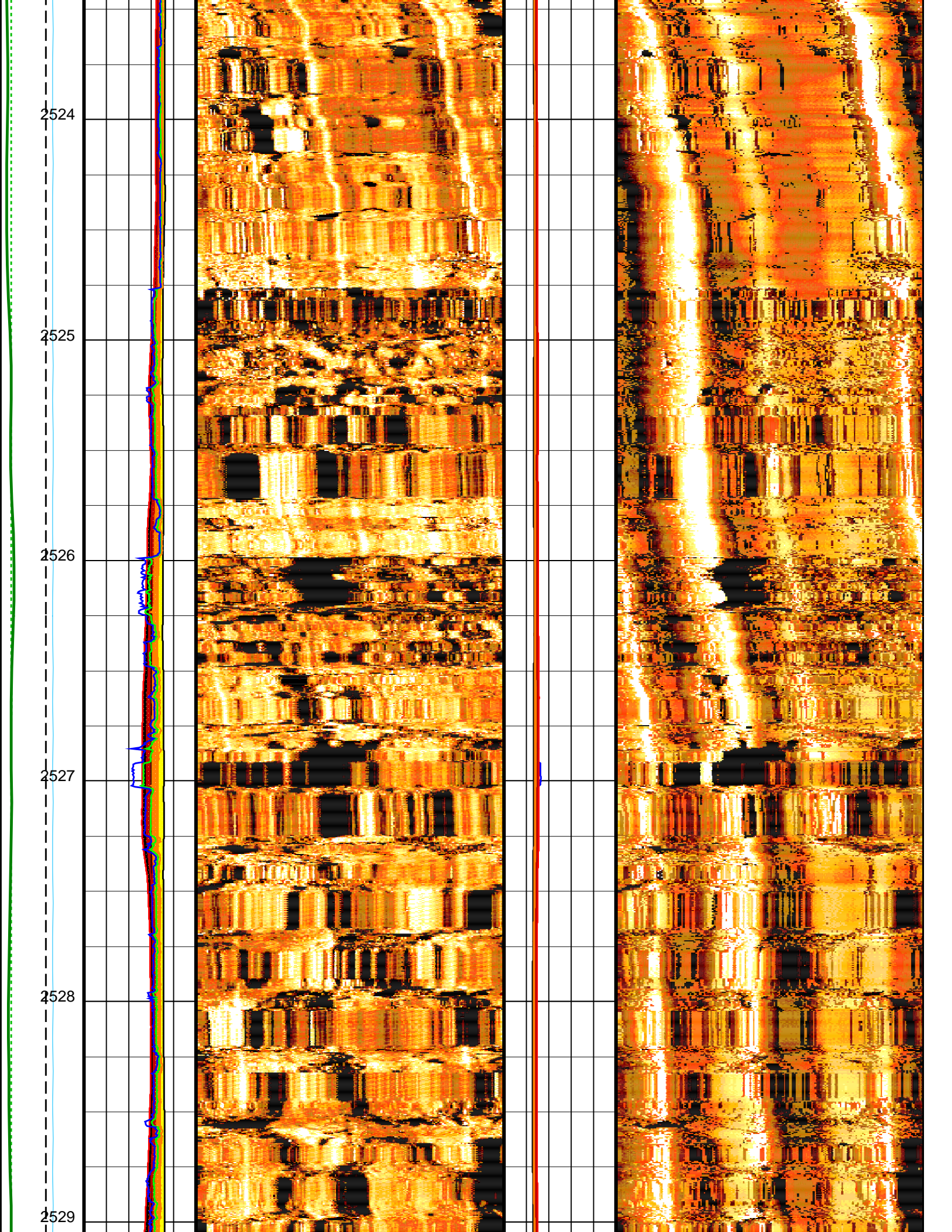
2525

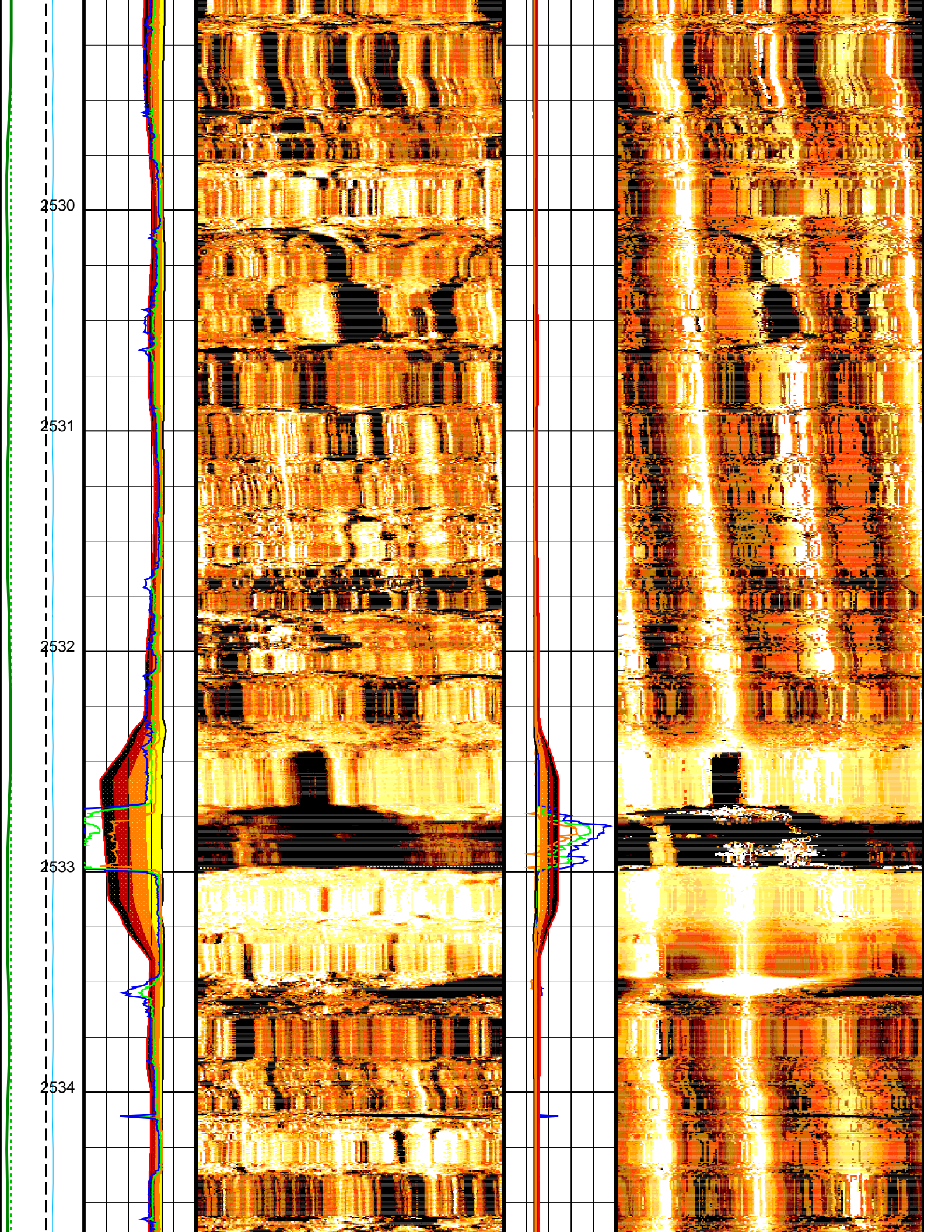
2526

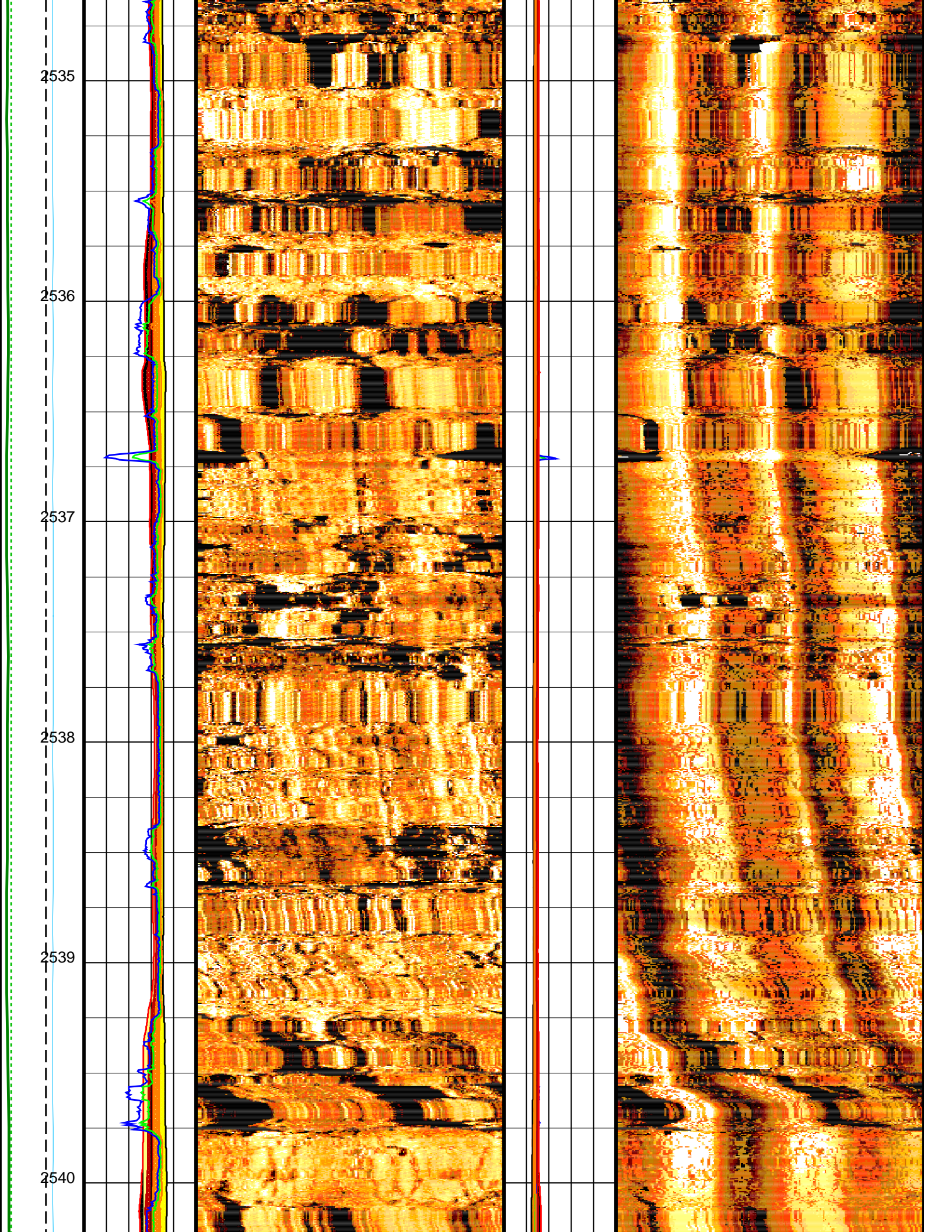
2527

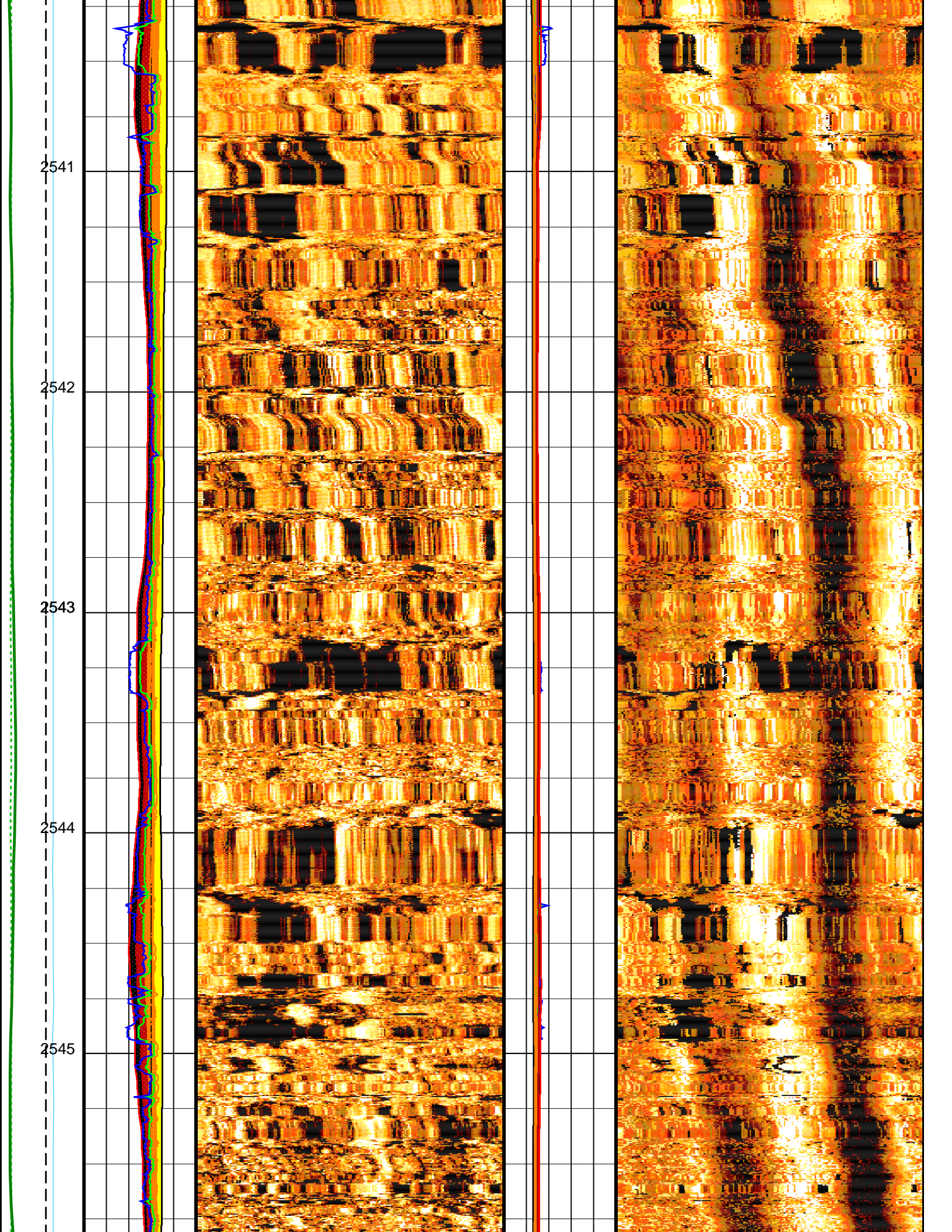
2528

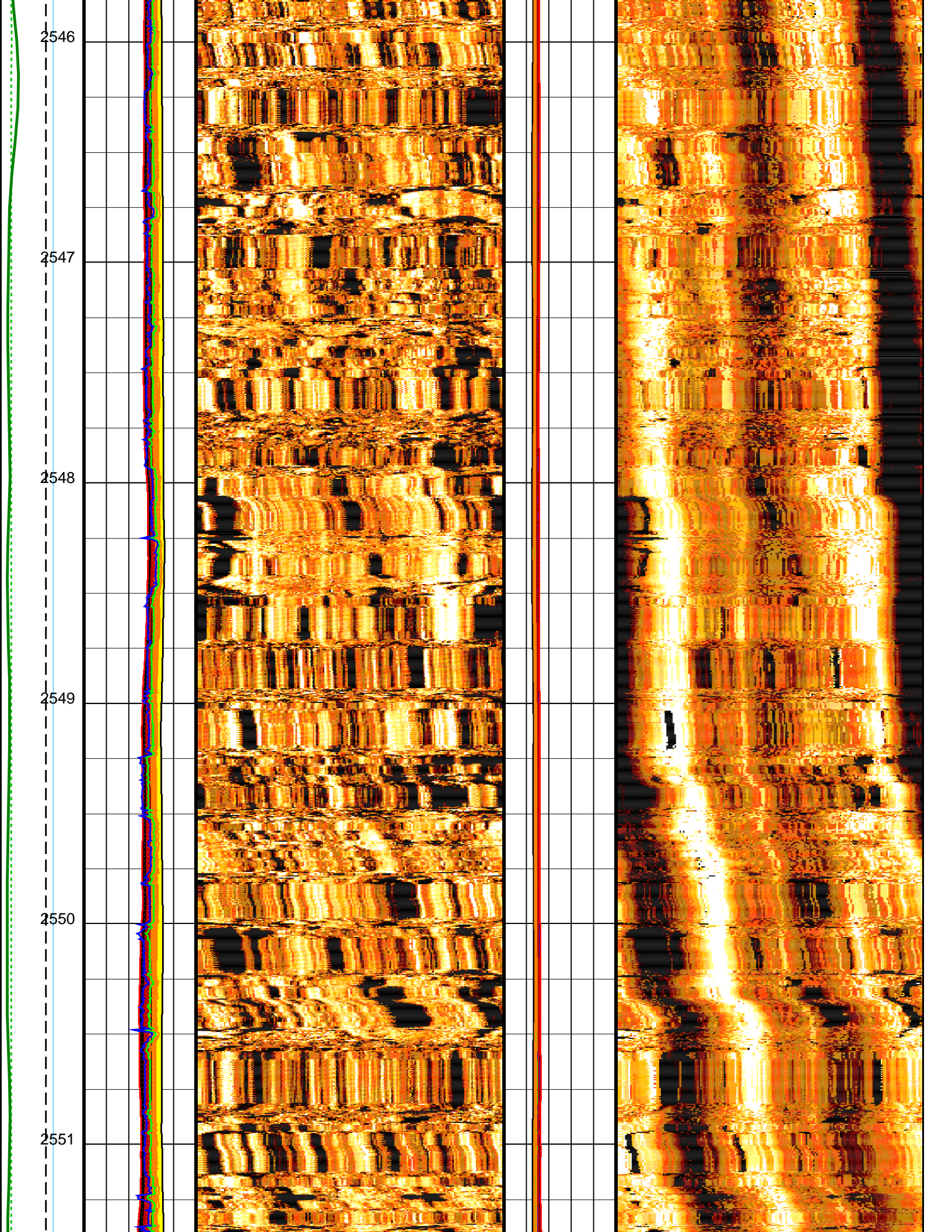
2529

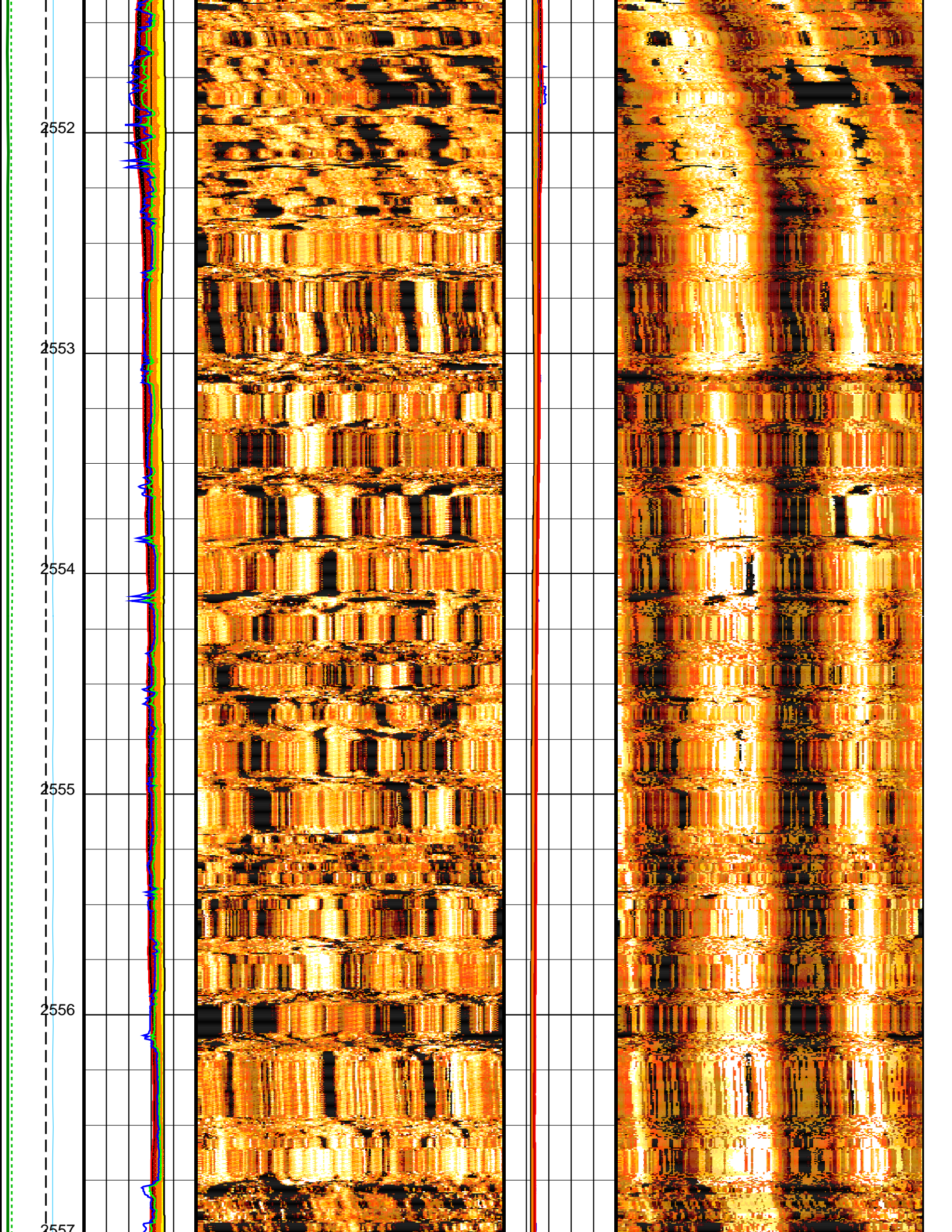


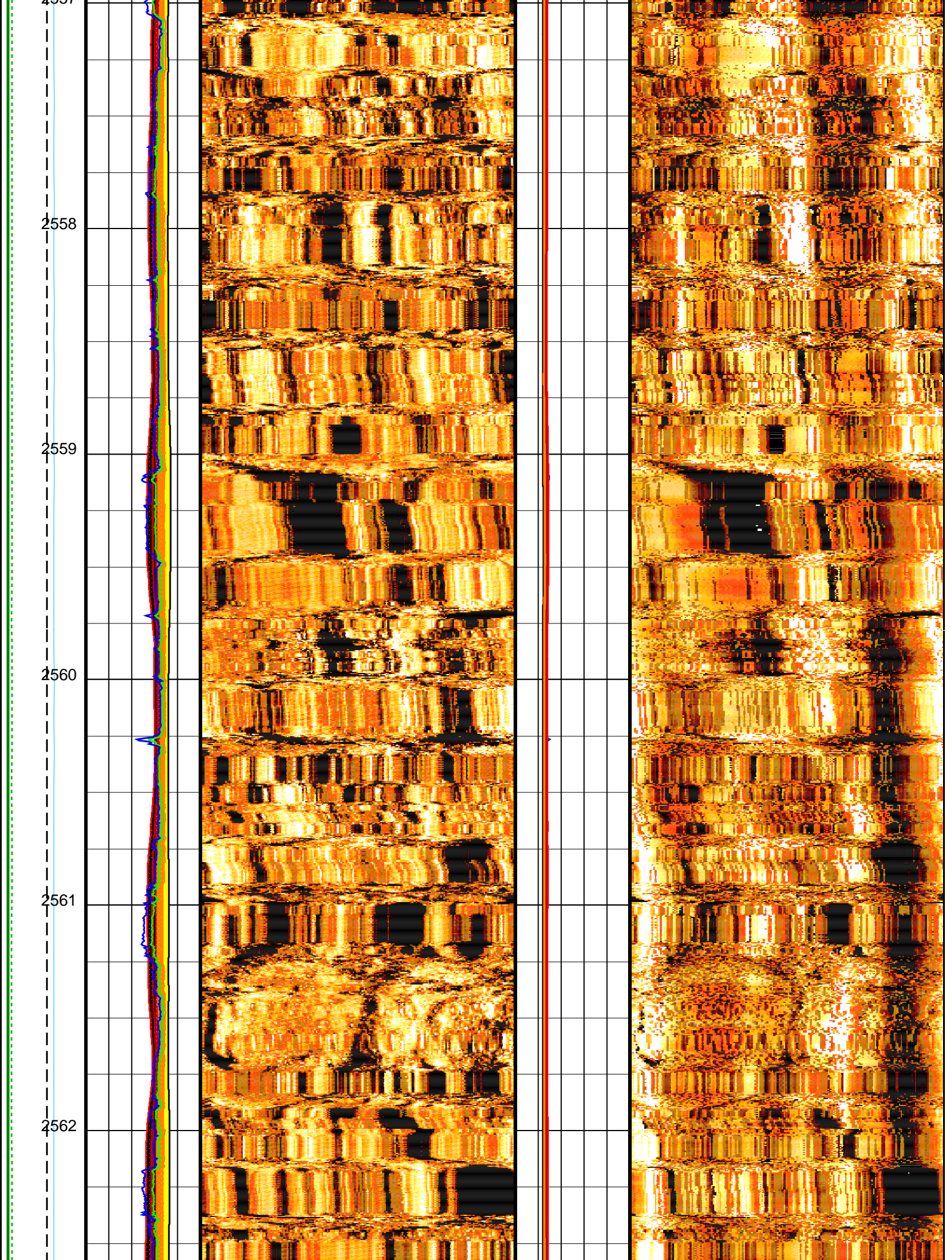


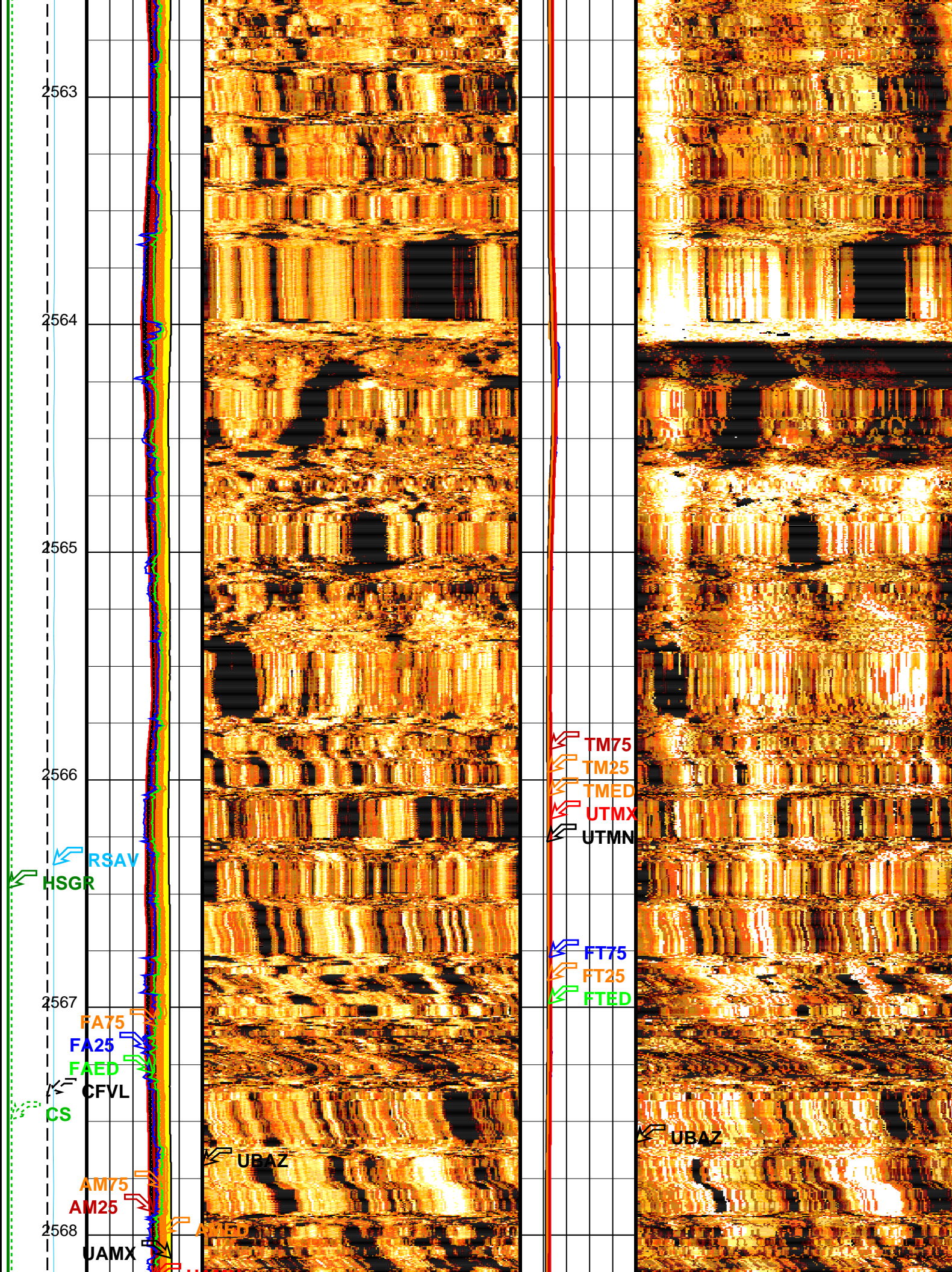


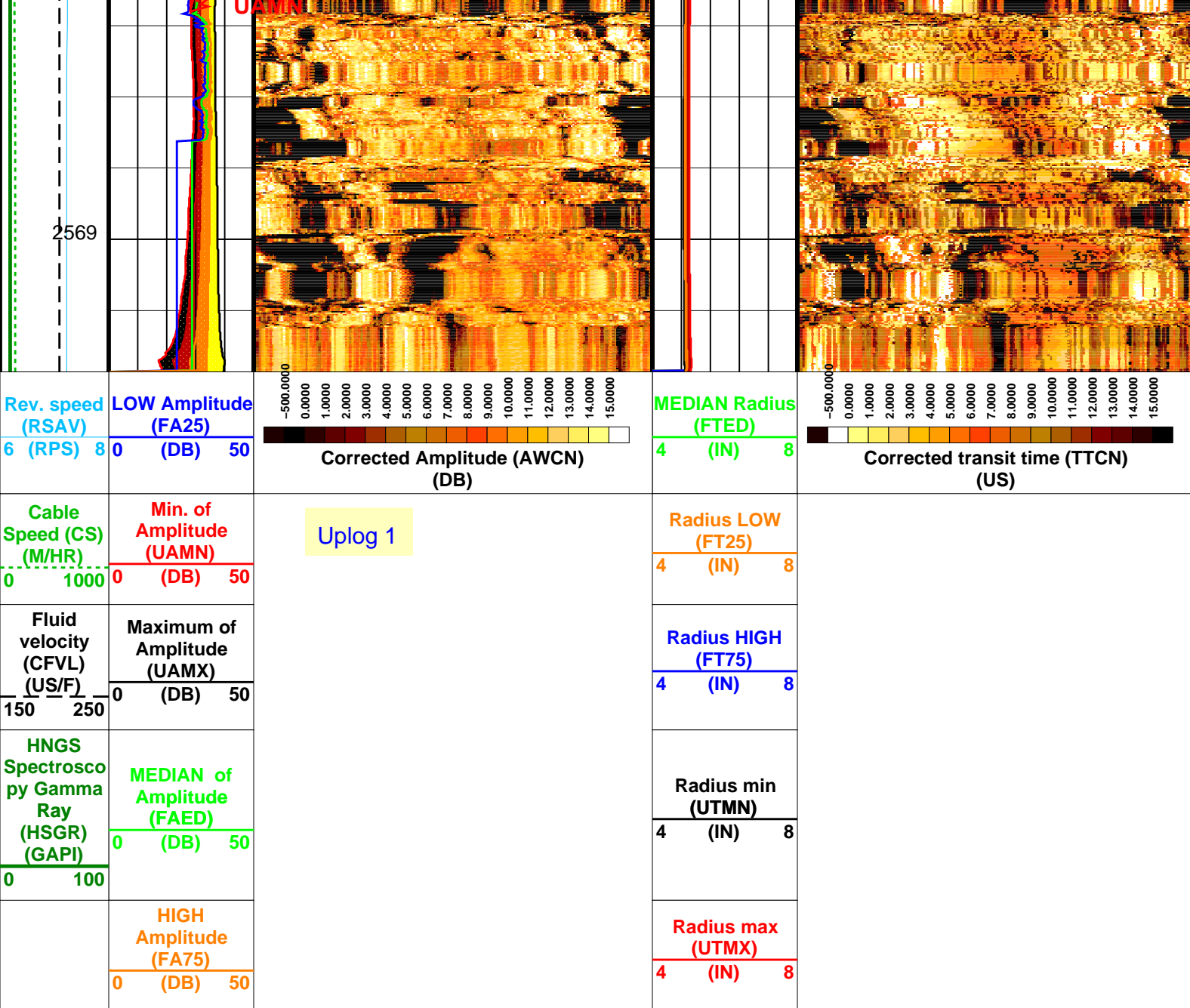












Format: UBI_Image Vertical Scale: 1:20 Graphics File Created: 20-Jul-2021 16:47

OP System Version: 19C0-187

UBI-D	SRPC-5095-H2-2011-OP19	GPIT-A/B	19C0-187
DTA-A	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	DTC-H	19C0-187

Parameters

DLIS Name	Description	Value	
UBI-D: Ultrasonic Borehole Imager – D			
AAMN	Automatic Amplitude Minimum Scale	2	DB
ANGO	Angular Offset	–17	DEG
ATMN	Automatic Transit Time Minimum Scale	2	US
CSID	Casing Inner Diameter	4.125	IN
DCMN	Window Decrement Down	0.8	
DCMX	Window Decrement Up	0.6	
DFVL	Default Fluid Velocity	204	US/F
DOT	Diameter of Tool	1.85	IN
ECRL	Eccentering Correction Level	FIRST	
ERDB	Eccentering Rejection	12	DB
FDOS	FVEL Depth Offset	0	M
FMOS	FVEL Measurement Offset	0	US/F
GCSW	Gain Correction	ON	
IMAR	Image Rotation	OFF	

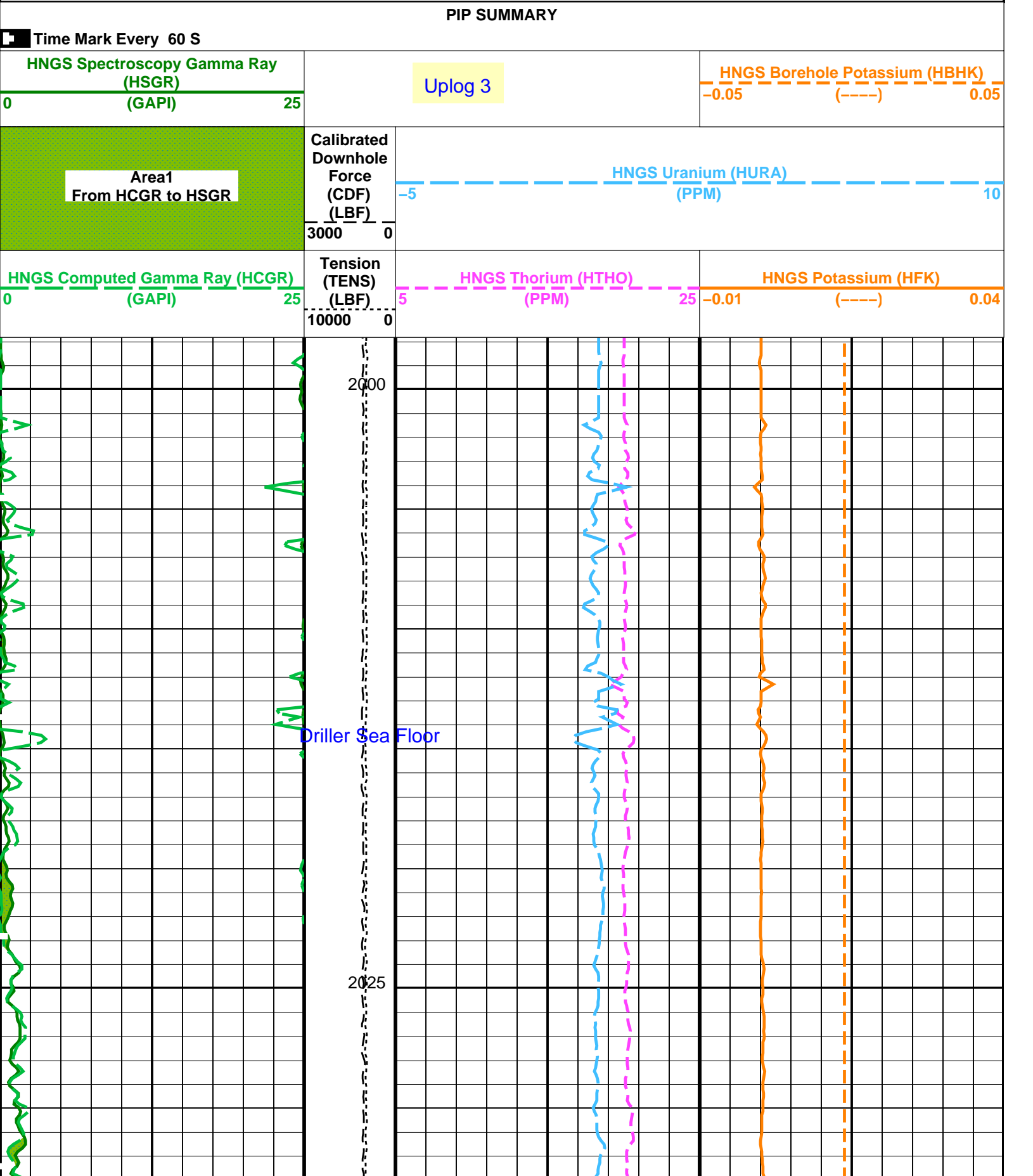
LIM1	Minimum Limit Control	AUTO	
LIM2	Maximum Limit Control	MANUAL	
NBCD	Color Correction Depth Level	80	
NBLD	Eccentering Correction Depth Level	1	
NCDI	Noise Correction Depth Interval	30	
PNSW	Processing Noise Correction	ON	
RCSO	Reference Calibrator Standoff	0.795	IN
RJ60	60 Hz Correction	ON	
SWLV	Sliding Window Minimum	Inh_18us	
SWMX	Sliding Window Maximum	Inh_167us	
UFON	UBI Flagging of Lost Echoes	OFF	
UGOS	UBI/UCI GPIT Offset	3.63	IN
USTO	Ultrasonic Time Offset	-3	US
USUB	UBI Sub Identifier	Sub_5_inch	
UWKM	Current Working Mode	UBI7_SW500_180_1	
HNGS-BA: Hostile Natural Gamma Ray Sonde			
BAR1	HNGS Detector 1 Barite Constant	1	
BAR2	HNGS Detector 2 Barite Constant	1	
BHK	HNGS Borehole Potassium Correction Concentration	0	
BHS	Borehole Status	OPEN	
CSD1	Inner Casing Outer Diameter	0	IN
CSD2	Outer Casing Outer Diameter	0	IN
CSW1	Inner Casing Weight	0	LB/F
CSW2	Outer Casing Weight	0	LB/F
DBCC	HNGS Barite Constant Correction Flag	NONE	
GCSE	Generalized Caliper Selection	BS	
H1P	HNGS Detector 1 Allow/Disallow In Processing	ALLOW	
H2P	HNGS Detector 2 Allow/Disallow In Processing	ALLOW	
HABK	HNGS Borehole Potassium Running Average	-0.038074	
HALF	HNGS Alpha Filter Length	60	IN
HCRB	HNGS Apply Borehole Potassium Correction	NONE	
HMWM	Mud Weighting Material	NATU	
HNPE	HNGS Processing Enable	YES	
S1BI	HNGS Detector 1 Calibration Bismuth Count Rate	1.3	CPS
S2BI	HNGS Detector 2 Calibration Bismuth Count Rate	1.3	CPS
SGRC	HNGS Standard Gamma-Ray Correction Flag	YES	
TPOS	Tool Position	CENT	
VBA1	HNGS Detector 1 Variable Barite Factor Running Average	0.967183	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	1.00774	
UHSV: UBI Hole Shape Analysis			
AAMN	Automatic Amplitude Minimum Scale	2	DB
ANGO	Angular Offset	-17	DEG
ATMN	Automatic Transit Time Minimum Scale	2	US
CSID	Casing Inner Diameter	4.125	IN
DCMN	Window Decrement Down	0.8	
DCMX	Window Decrement Up	0.6	
DFVL	Default Fluid Velocity	204	US/F
DOT	Diameter of Tool	1.85	IN
ECRL	Eccentering Correction Level	FIRST	
ERDB	Eccentering Rejection	12	DB
FDOS	FVEL Depth Offset	0	M
FMOS	FVEL Measurement Offset	0	US/F
GCSW	Gain Correction	ON	
IMAR	Image Rotation	OFF	
LIM1	Minimum Limit Control	AUTO	
LIM2	Maximum Limit Control	MANUAL	
NBCD	Color Correction Depth Level	80	
NBLD	Eccentering Correction Depth Level	1	
NCDI	Noise Correction Depth Interval	30	
PNSW	Processing Noise Correction	ON	
RCSO	Reference Calibrator Standoff	0.795	IN
RJ60	60 Hz Correction	ON	
SWLV	Sliding Window Minimum	Inh_18us	
SWMX	Sliding Window Maximum	Inh_167us	
UFON	UBI Flagging of Lost Echoes	OFF	
UGOS	UBI/UCI GPIT Offset	3.63	IN
USTO	Ultrasonic Time Offset	-3	US
USUB	UBI Sub Identifier	Sub_5_inch	
UWKM	Current Working Mode	UBI7_SW500_180_1	
System and Miscellaneous			
BS	Bit Size	9.875	IN

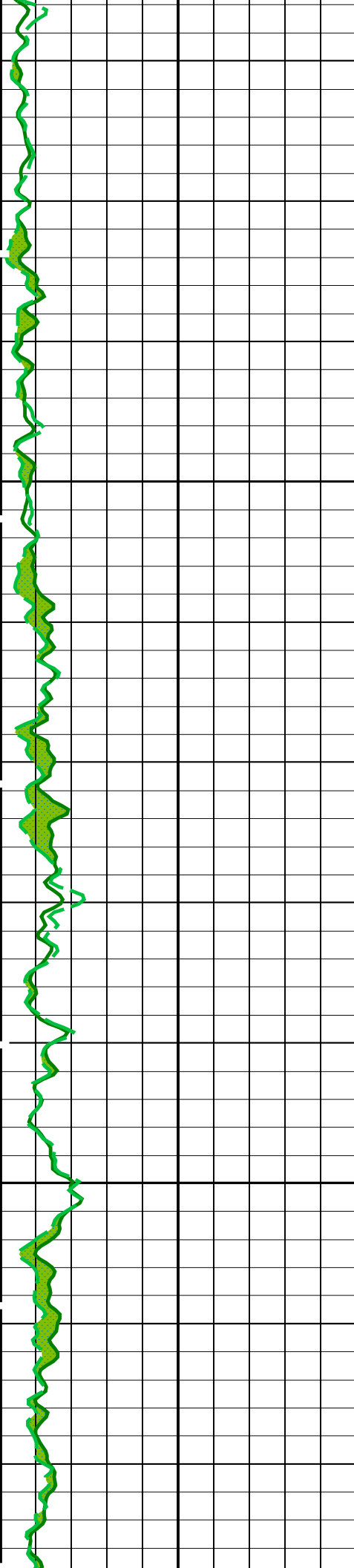
Output DLIS Files

DEFAULT	UBI_NGS_050LUP	FN:86	PRODUCER	20-Jul-2021 16:47
BACKUP	UBI_NGS_050LUP	FN:87	PRODUCER	20-Jul-2021 16:47

Output DLIS Files

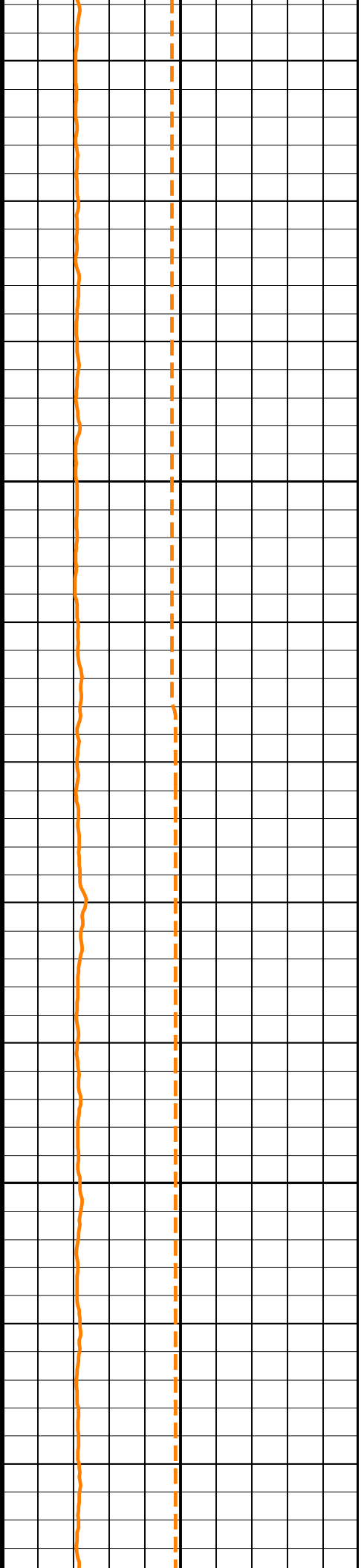
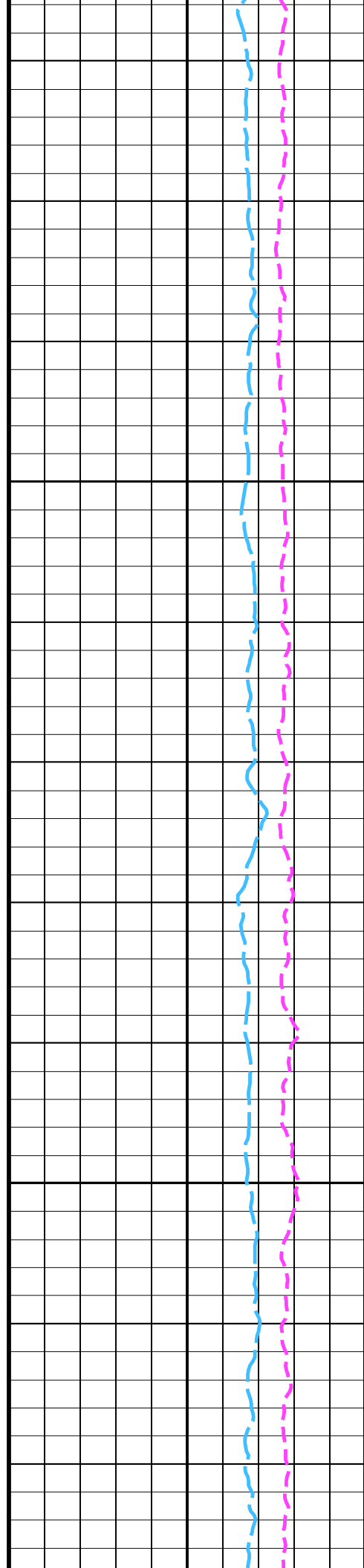
DEFAULT	UBI_NGS_052LUP	FN:90	PRODUCER	20-Jul-2021 19:23	2423.2 M	1998.0 M
---------	----------------	-------	----------	-------------------	----------	----------

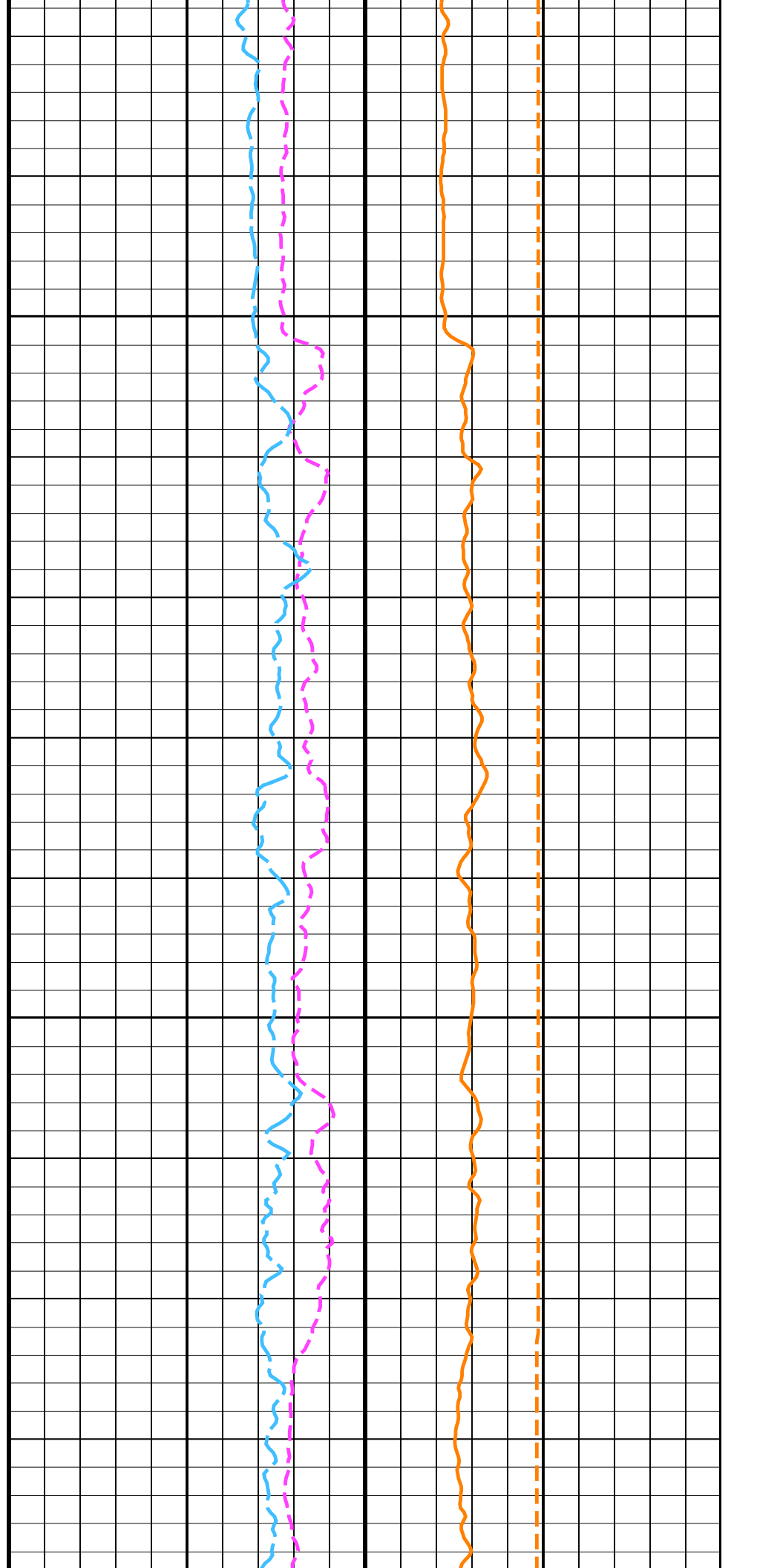
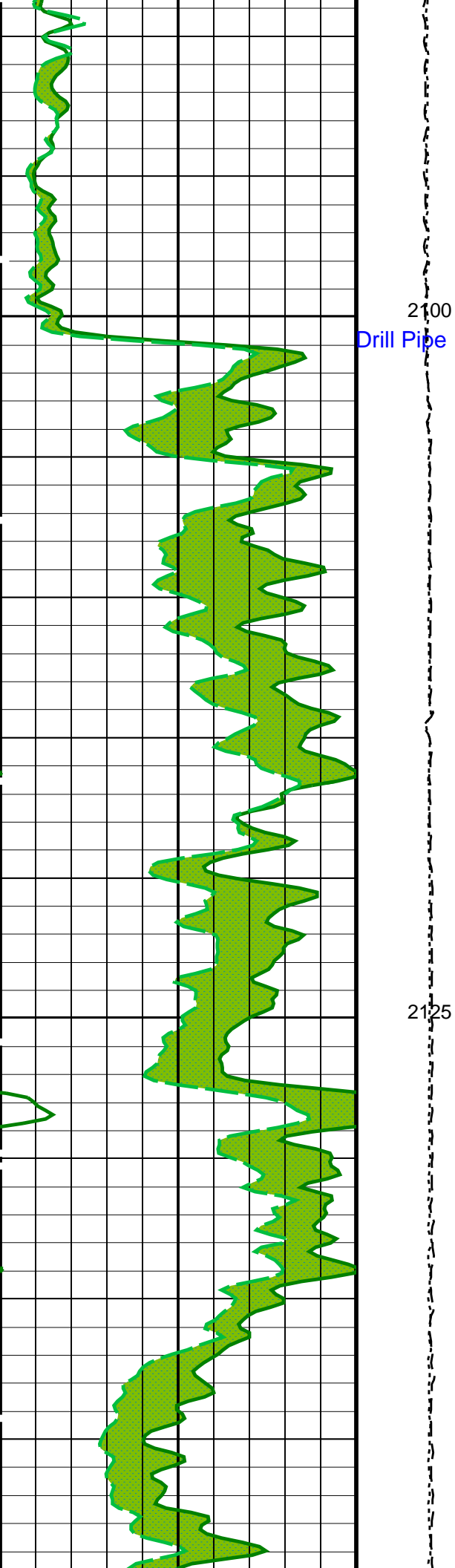


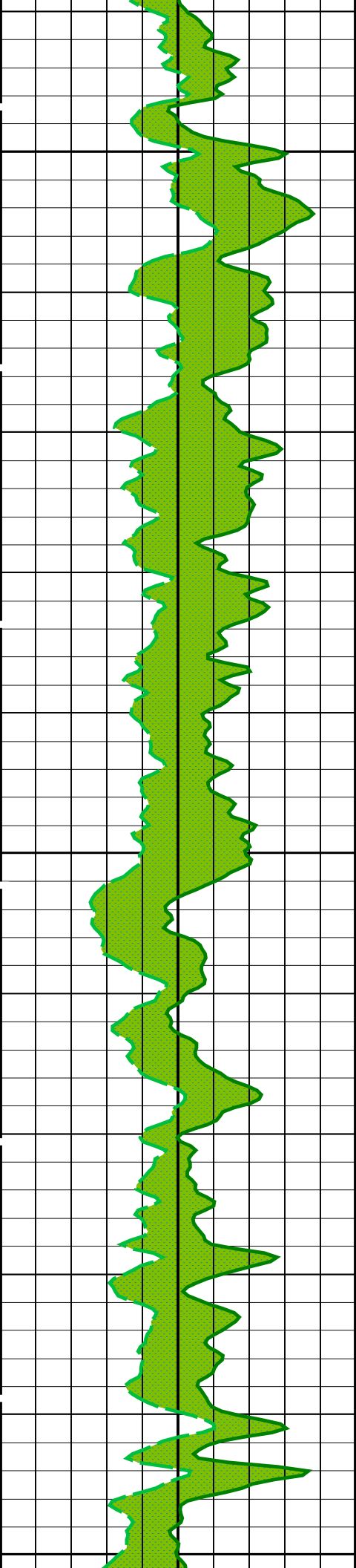


2050

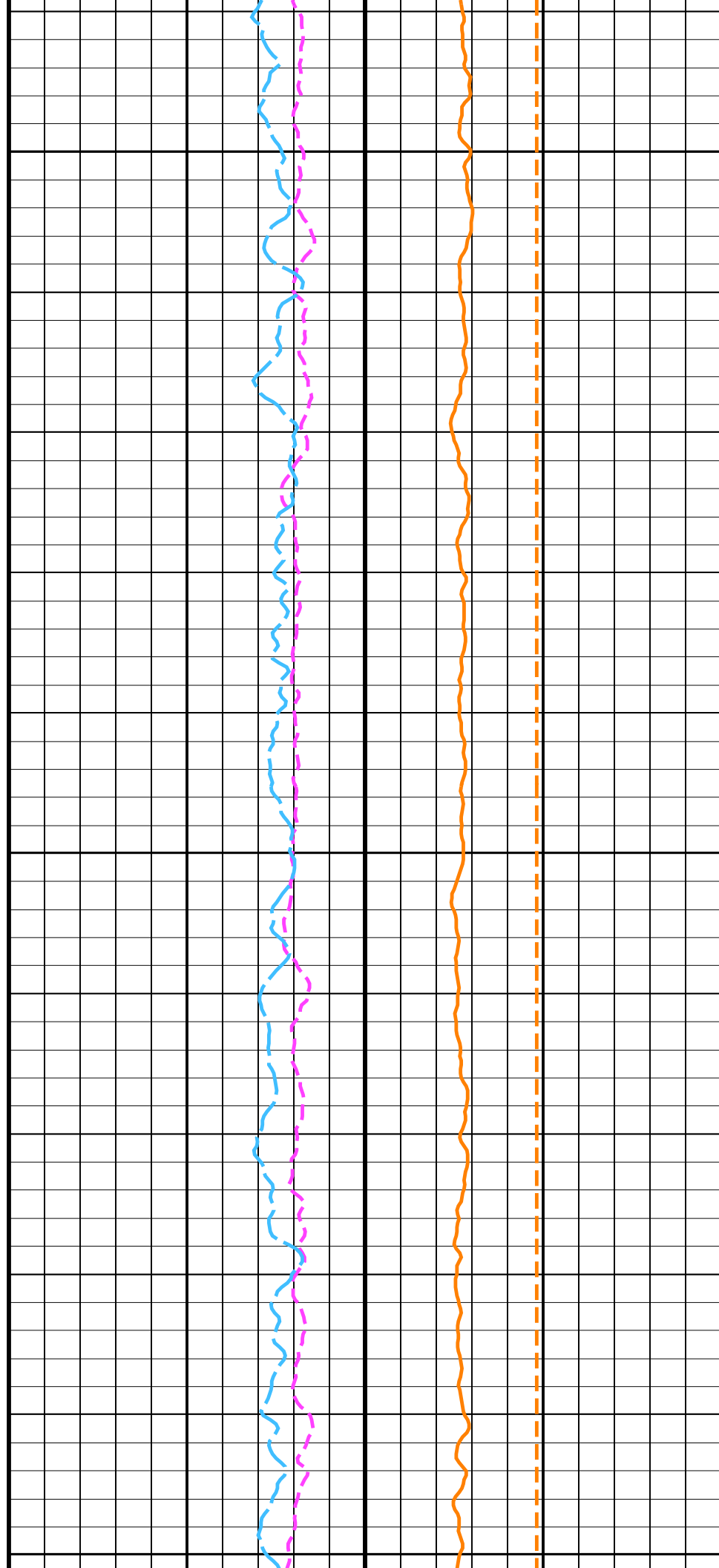
2075

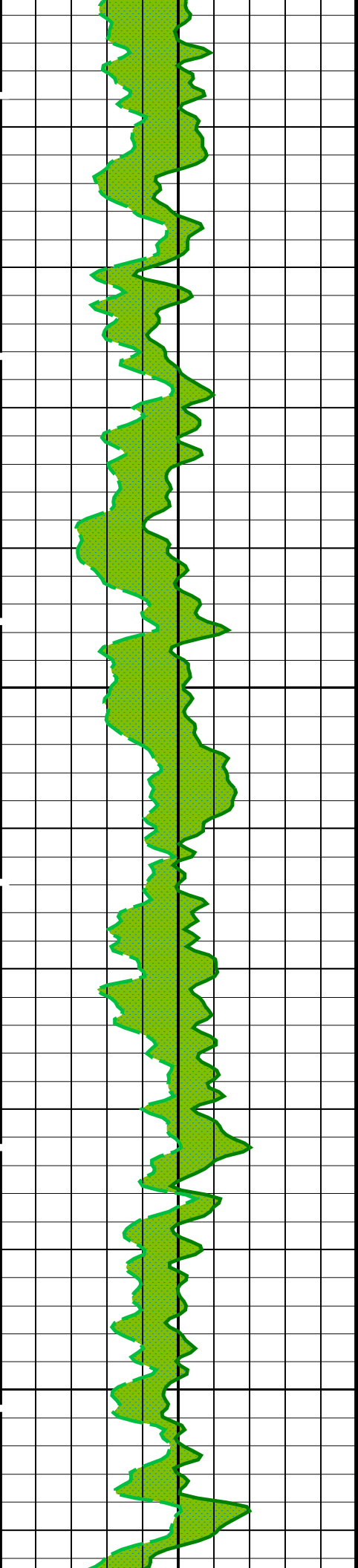




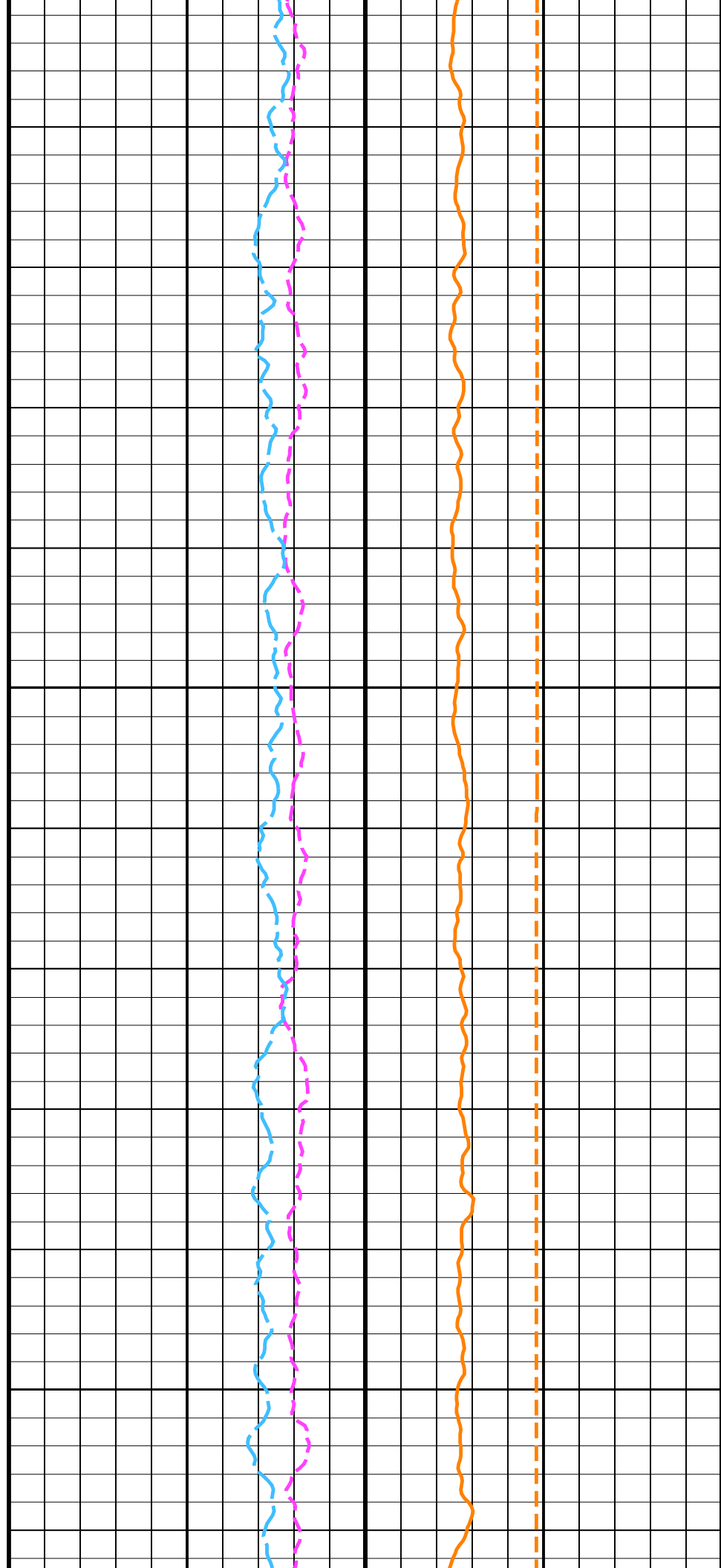


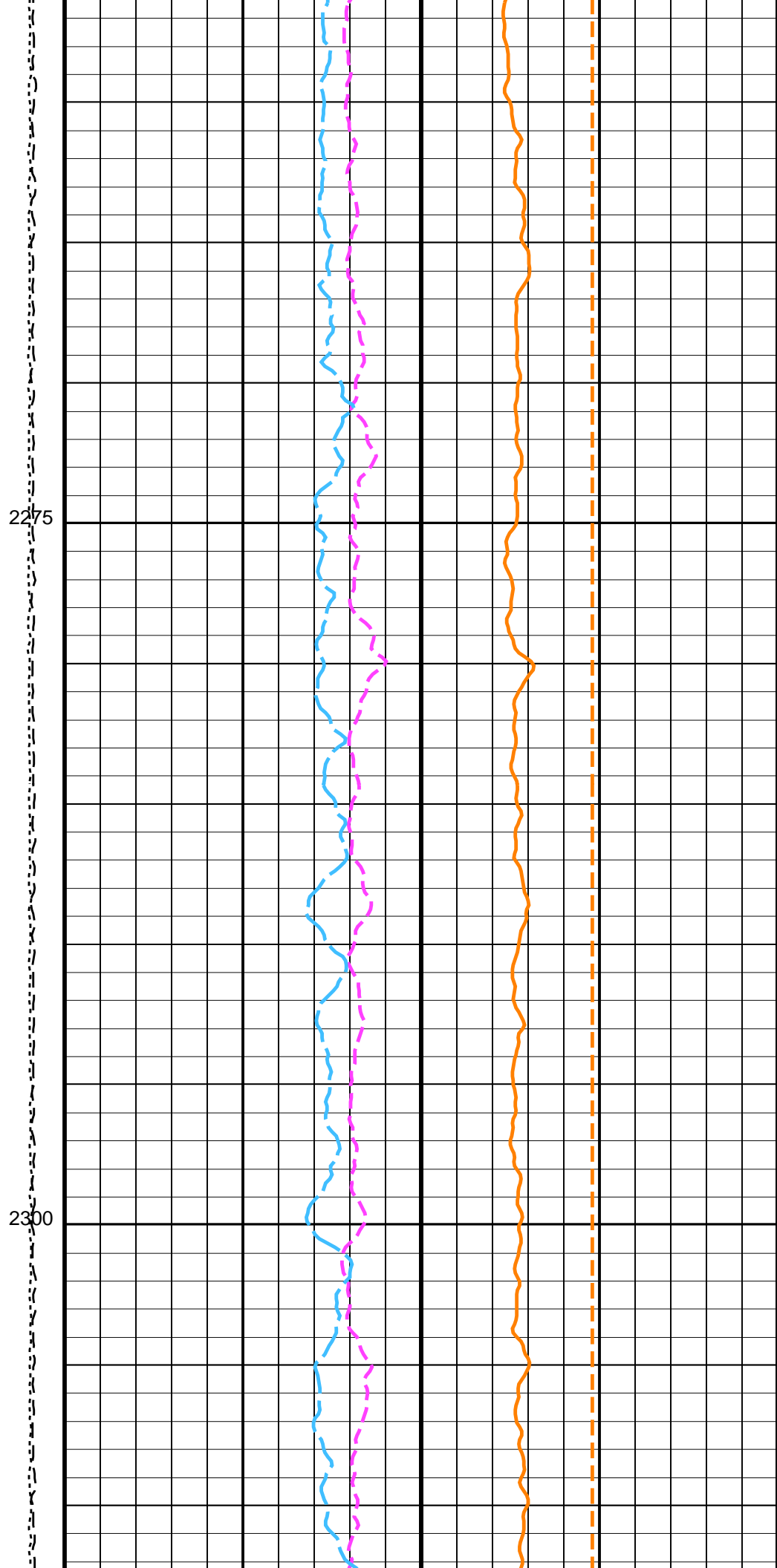
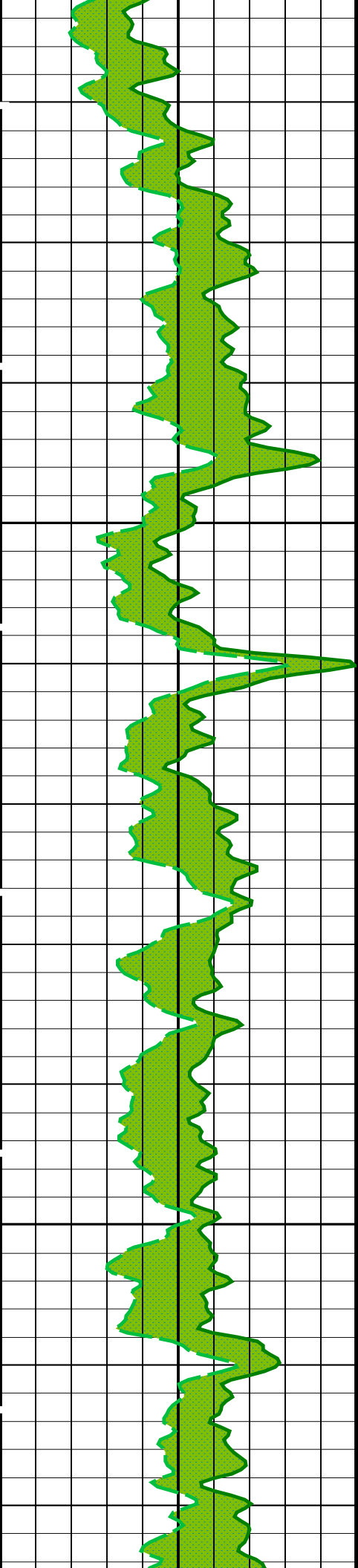
2150
2175
2200

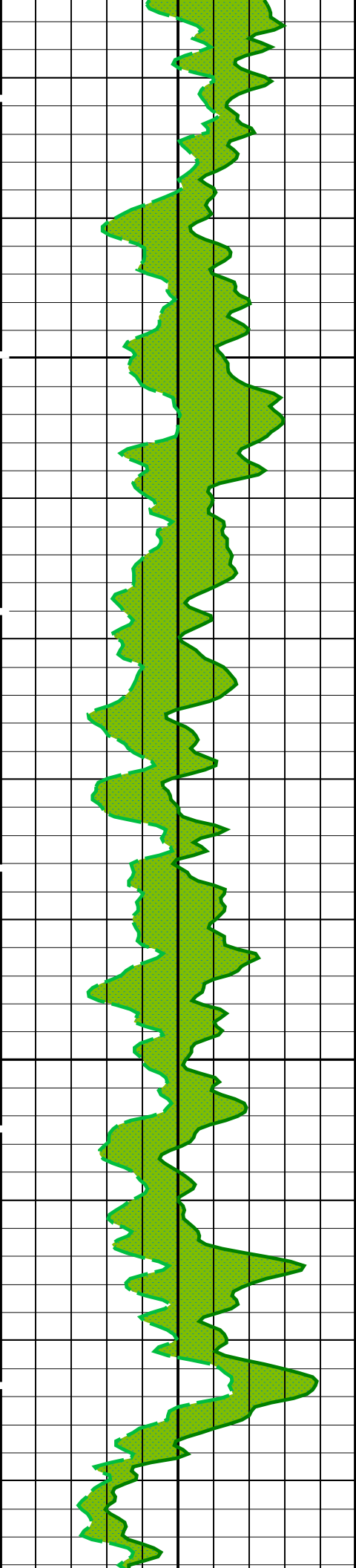




2250 225

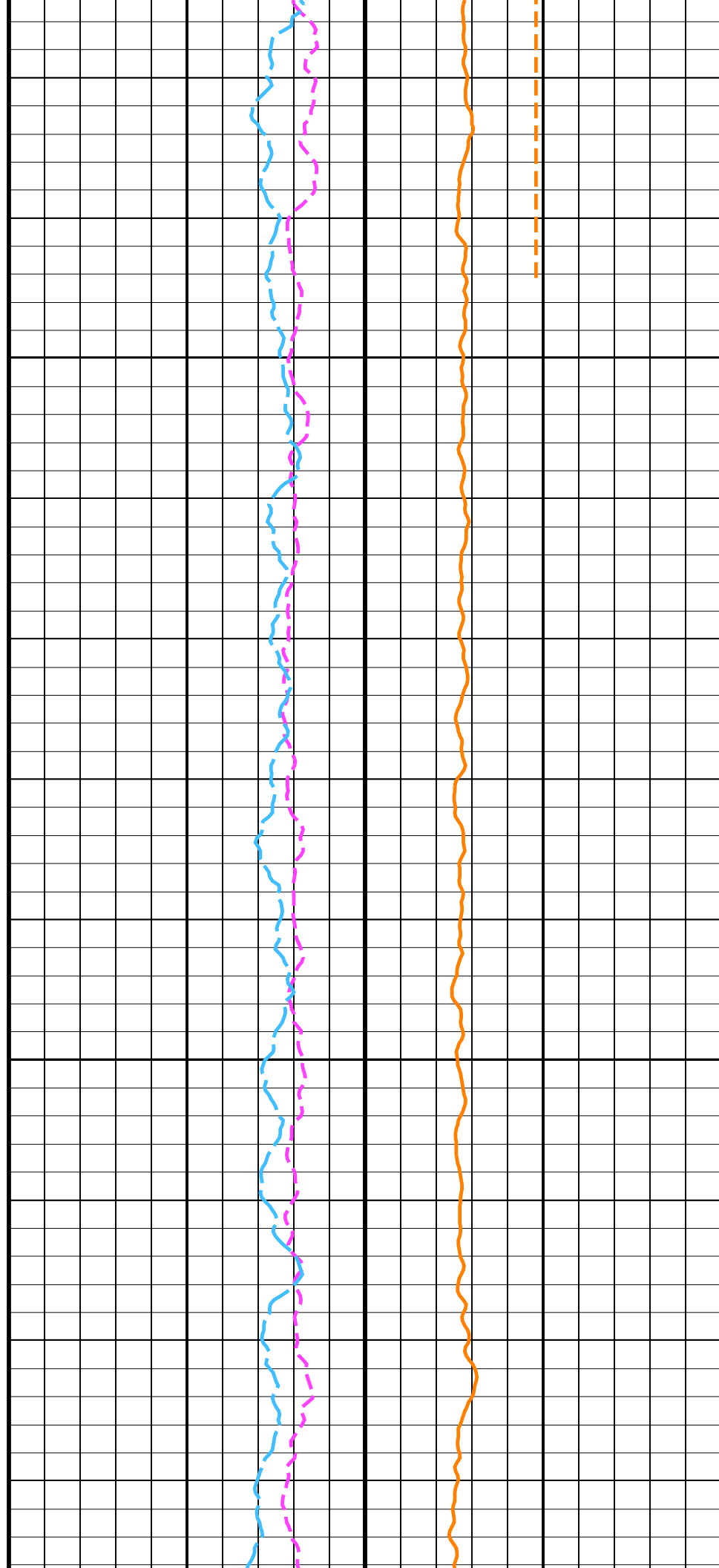


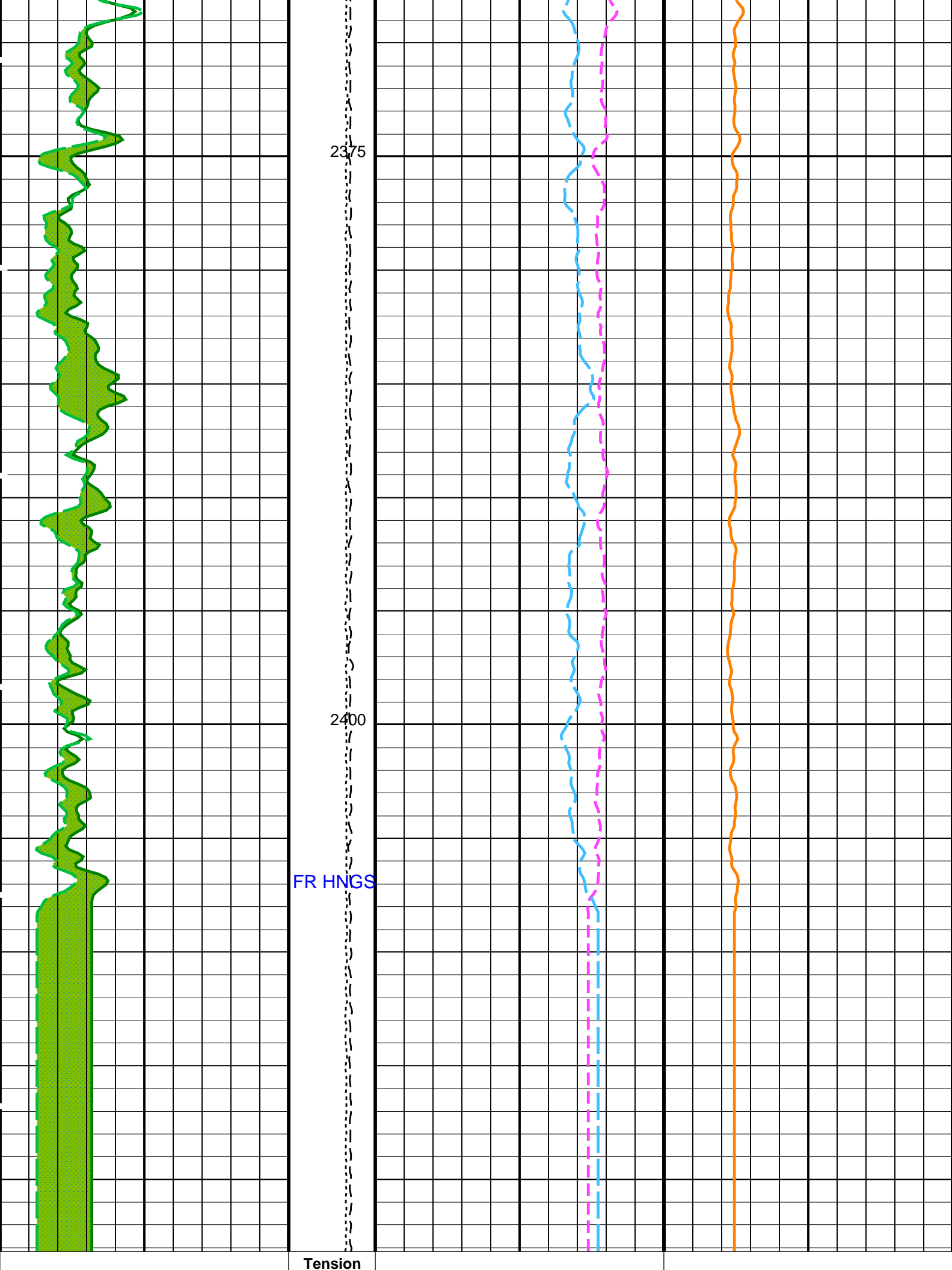


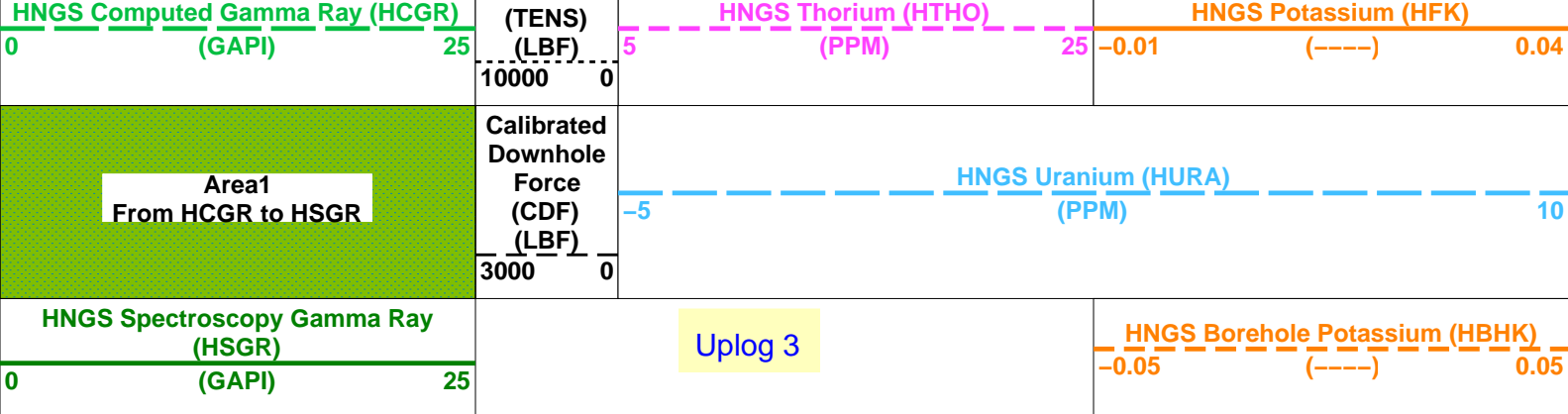


2325

2350







PIP SUMMARY

Time Mark Every 60 S

Parameters			
DLIS Name	Description	Value	
HNCS-BA: Hostile Natural Gamma Ray Sonde			
BAR1	HNCS Detector 1 Barite Constant	1	
BAR2	HNCS Detector 2 Barite Constant	1	
BHK	HNCS Borehole Potassium Correction Concentration	0	
BHS	Borehole Status	OPEN	
CSD1	Inner Casing Outer Diameter	0	IN
CSD2	Outer Casing Outer Diameter	0	IN
CSW1	Inner Casing Weight	0	LB/F
CSW2	Outer Casing Weight	0	LB/F
DBCC	HNCS Barite Constant Correction Flag	NONE	
GCSE	Generalized Caliper Selection	BS	
H1P	HNCS Detector 1 Allow/Disallow In Processing	ALLOW	
H2P	HNCS Detector 2 Allow/Disallow In Processing	ALLOW	
HABK	HNCS Borehole Potassium Running Average	-0.00103727	
HALF	HNCS Alpha Filter Length	60	IN
HCRB	HNCS Apply Borehole Potassium Correction	NONE	
HMWM	Mud Weighting Material	NATU	
HNPE	HNCS Processing Enable	YES	
S1BI	HNCS Detector 1 Calibration Bismuth Count Rate	1.3	CPS
S2BI	HNCS Detector 2 Calibration Bismuth Count Rate	1.3	CPS
SGRC	HNCS Standard Gamma-Ray Correction Flag	YES	
TPOS	Tool Position	CENT	
VBA1	HNCS Detector 1 Variable Barite Factor Running Average	1.03947	
VBA2	HNCS Detector 2 Variable Barite Factor Running Average	1.08999	
System and Miscellaneous			
BS	Bit Size	9.875	IN

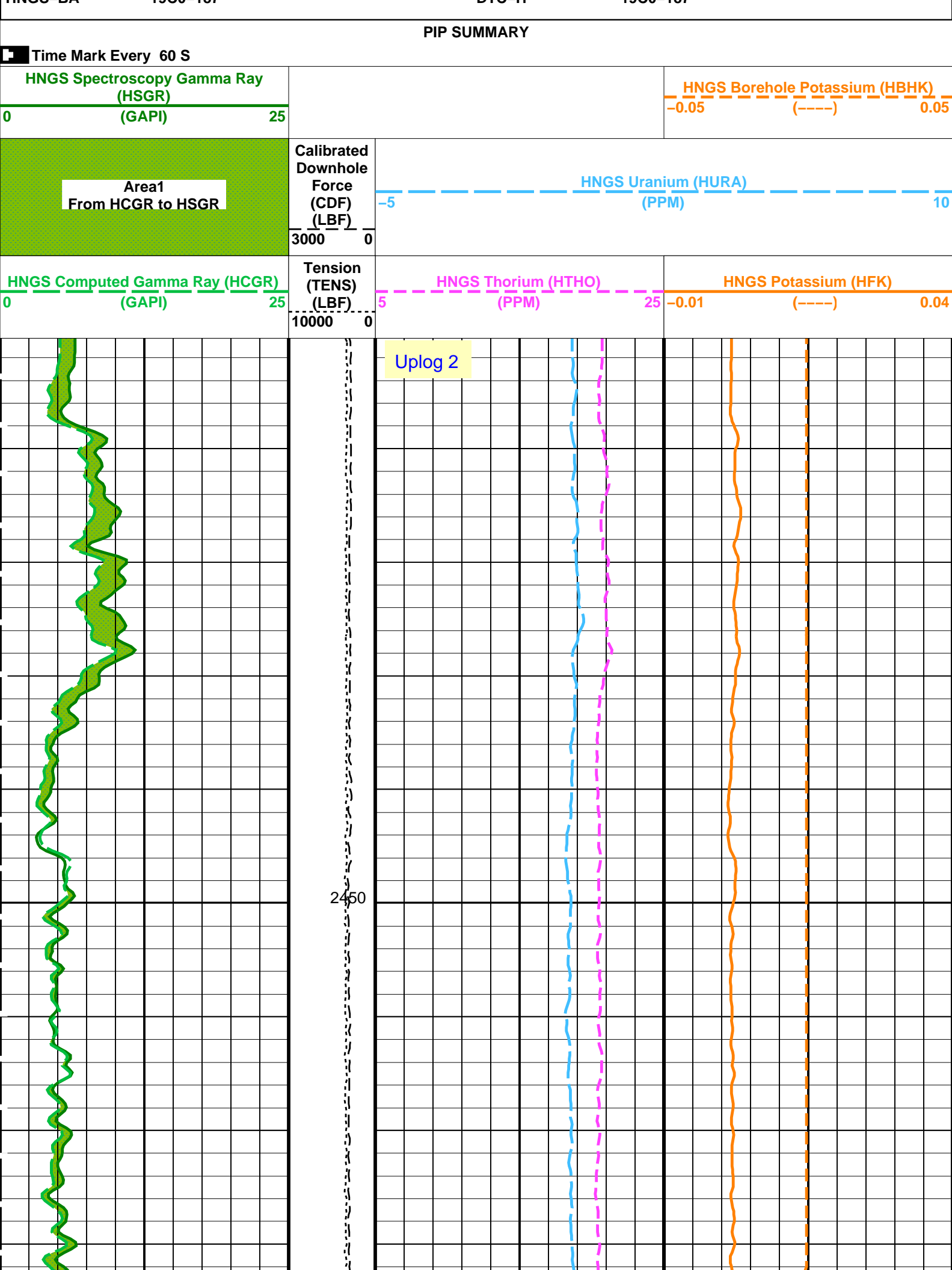
Format: HNGSYields Vertical Scale: 1:200 Graphics File Created: 20-Jul-2021 19:23

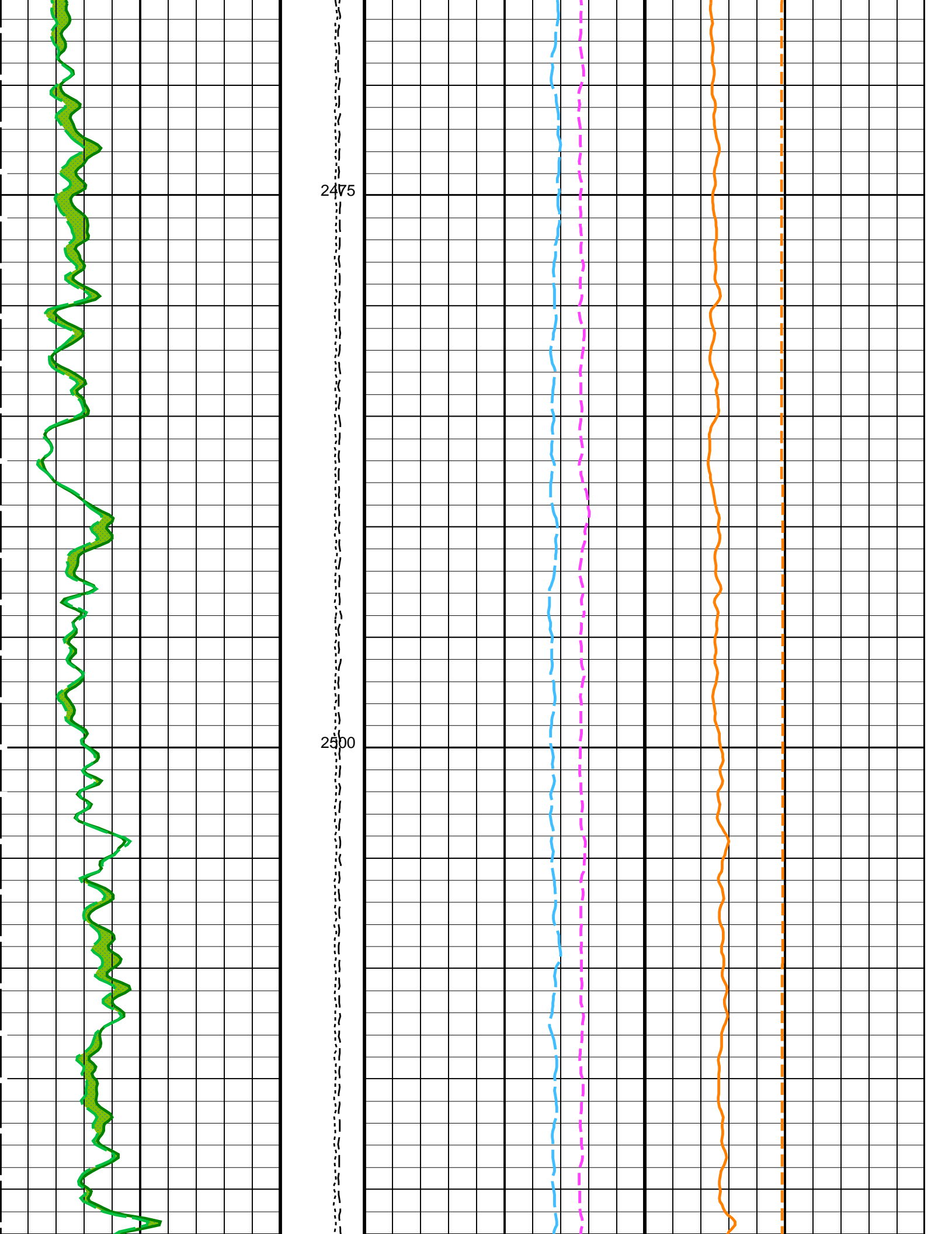
OP System Version: 19C0-187			
UBI-D	SRPC-5095-H2-2011-OP19	GPIT-A/B	19C0-187
DTA-A	19C0-187	HNGC-B	19C0-187
HNCS-BA	19C0-187	DTC-H	19C0-187

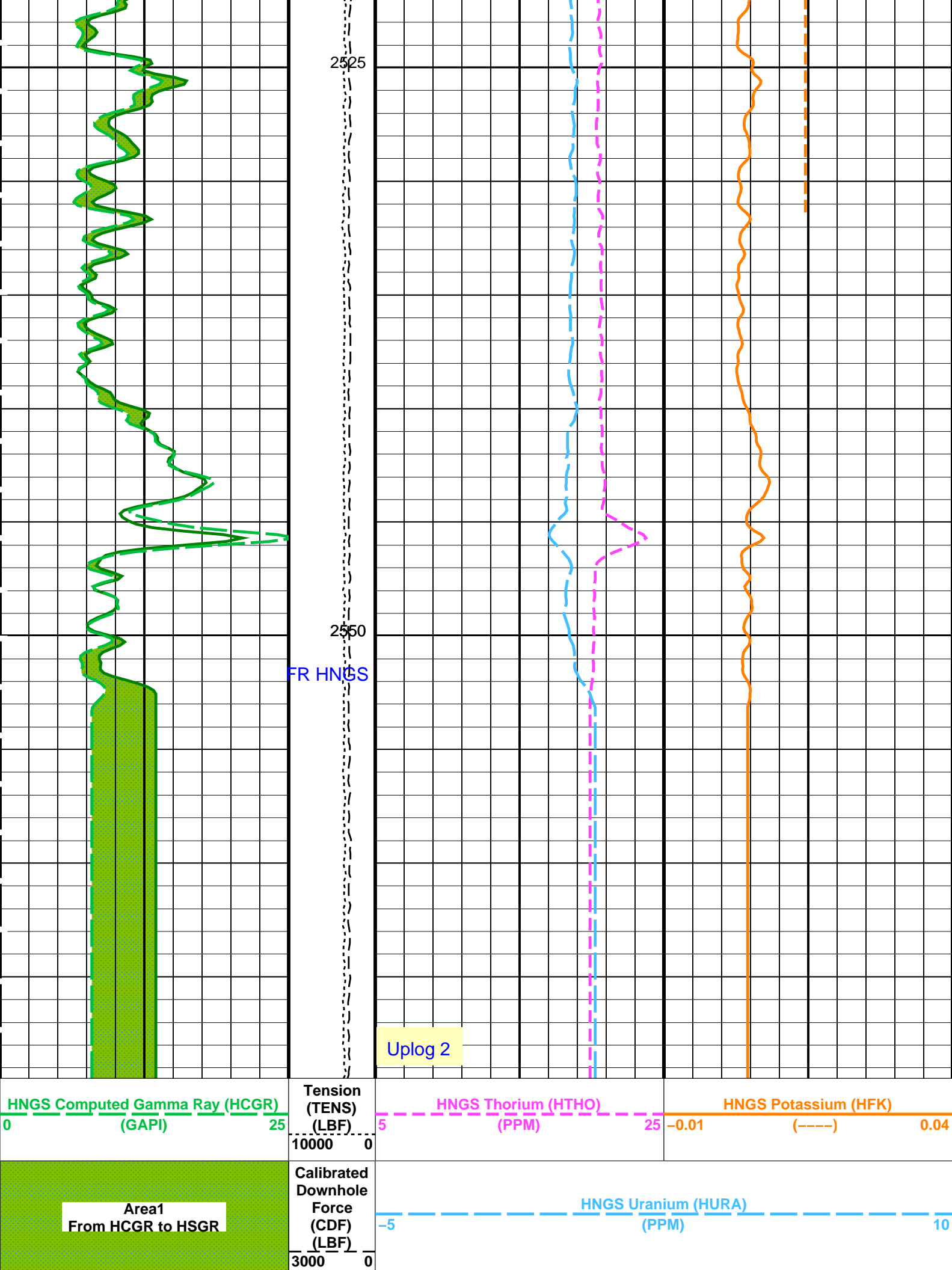
Output DLIS Files			
DEFAULT	UBI_NGS_052LUP	FN:90	PRODUCER 20-Jul-2021 19:23
BACKUP	UBI_NGS_052LUP	FN:91	PRODUCER 20-Jul-2021 19:23

Output DLIS Files			
DEFAULT	UBI_NGS_051LUP	FN:88	PRODUCER 20-Jul-2021 18:11 2569.5 M 2425.0 M
BACKUP	UBI_NGS_051LUP	FN:89	PRODUCER 20-Jul-2021 18:11 2569.5 M 2425.1 M

OP System Version: 19C0-187			
UBI-D	SRPC-5095-H2-2011-OP19	GPIT-A/B	19C0-187
DTA-A	19C0-187	HNGC-B	19C0-187
HNCS-BA	19C0-187	DTC-H	19C0-187







HNGS Spectroscopy Gamma Ray (HSGR)		HNGS Borehole Potassium (HBHK)	
0	(GAPI) 25	-0.05	0.05 (-----)

PIP SUMMARY

Parameters			
DLIS Name	Description	Value	
HNGS-BA: Hostile Natural Gamma Ray Sonde			
BAR1	HNGS Detector 1 Barite Constant	1	
BAR2	HNGS Detector 2 Barite Constant	1	
BHK	HNGS Borehole Potassium Correction Concentration	0	
BHS	Borehole Status	OPEN	
CSD1	Inner Casing Outer Diameter	0	IN
CSD2	Outer Casing Outer Diameter	0	IN
CSW1	Inner Casing Weight	0	LB/F
CSW2	Outer Casing Weight	0	LB/F
DBCC	HNGS Barite Constant Correction Flag	NONE	
GCSE	Generalized Caliper Selection	BS	
H1P	HNGS Detector 1 Allow/Disallow In Processing	ALLOW	
H2P	HNGS Detector 2 Allow/Disallow In Processing	ALLOW	
HABK	HNGS Borehole Potassium Running Average	-0.000960853	
HALF	HNGS Alpha Filter Length	60	IN
HCRB	HNGS Apply Borehole Potassium Correction	NONE	
HMWM	Mud Weighting Material	NATU	
HNPE	HNGS Processing Enable	YES	
S1BI	HNGS Detector 1 Calibration Bismuth Count Rate	1.3	CPS
S2BI	HNGS Detector 2 Calibration Bismuth Count Rate	1.3	CPS
SGRC	HNGS Standard Gamma-Ray Correction Flag	YES	
TPOS	Tool Position	CENT	
VBA1	HNGS Detector 1 Variable Barite Factor Running Average	1.03905	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	1.12301	
System and Miscellaneous			
BS	Bit Size	9.875	IN

Format: HNGSYields	Vertical Scale: 1:200	Graphics File Created: 20-Jul-2021 18:11
--------------------	-----------------------	--

OP System Version: 19C0-187			
UBI-D	SRPC-5095-H2-2011-OP19	GPIT-A/B	19C0-187
DTA-A	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	DTC-H	19C0-187

Output DLIS Files			
DEFAULT	UBI_NGS_051LUP	FN:88	PRODUCER 20-Jul-2021 18:11
BACKUP	UBI_NGS_051LUP	FN:89	PRODUCER 20-Jul-2021 18:11

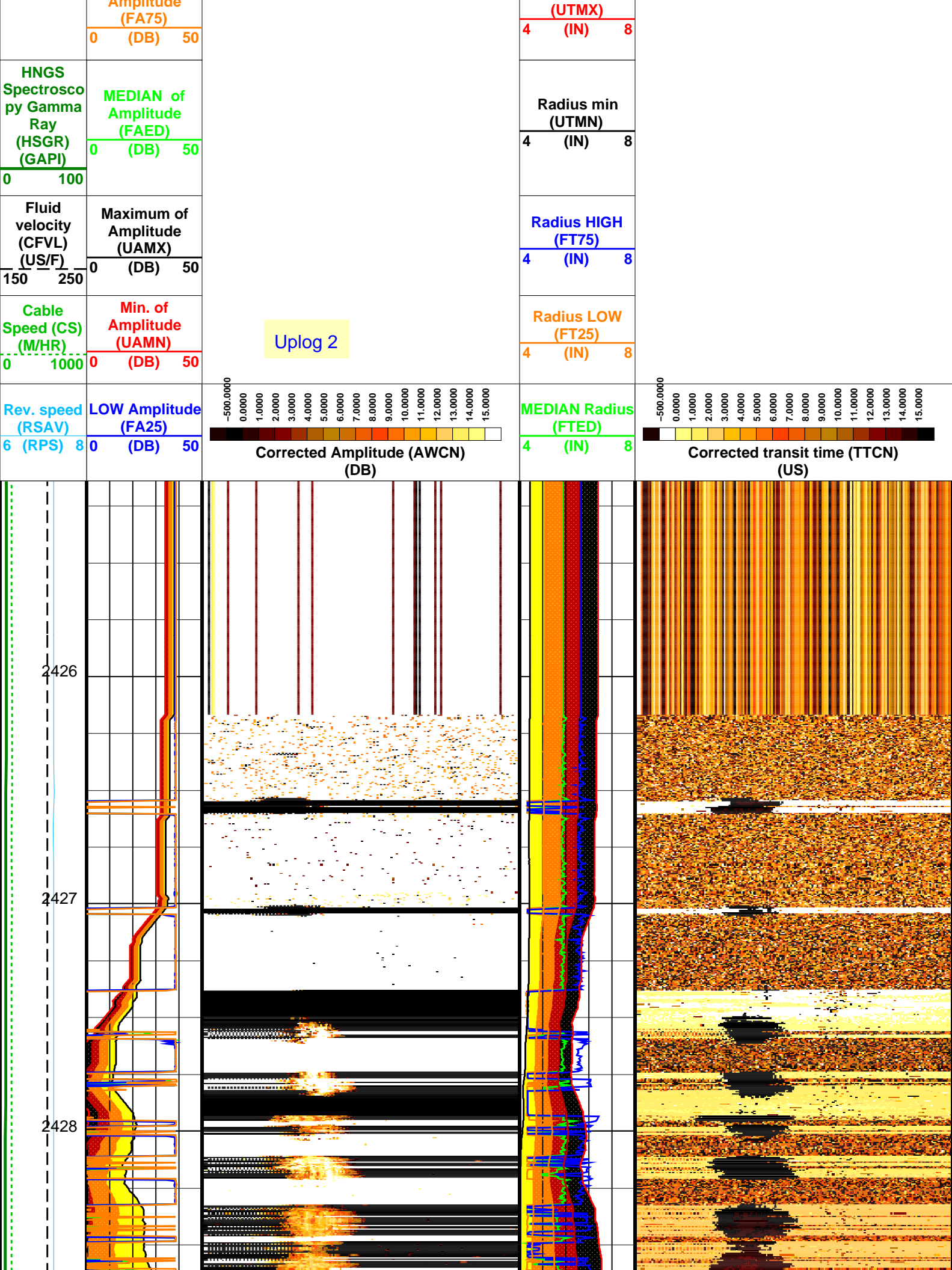
Company: International Ocean Discovery Program	Well: Expedition 395C, Site U1562B
--	------------------------------------

Output DLIS Files					
DEFAULT	UBI_NGS_051LUP	FN:88	PRODUCER	20-Jul-2021 18:11	2569.5 M 2425.0 M
BACKUP	UBI_NGS_051LUP	FN:89	PRODUCER	20-Jul-2021 18:11	2569.5 M 2425.0 M

OP System Version: 19C0-187			
UBI-D	SRPC-5095-H2-2011-OP19	GPIT-A/B	19C0-187
DTA-A	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	DTC-H	19C0-187

Changed Parameter Summary			
DLIS Name	New Value	Previous Value	Depth & Time
DFVL	204 US/F	204 US/F	2569.5 18:12:06

	HIGH Amplitude		Radius max	
--	----------------	--	------------	--



2429

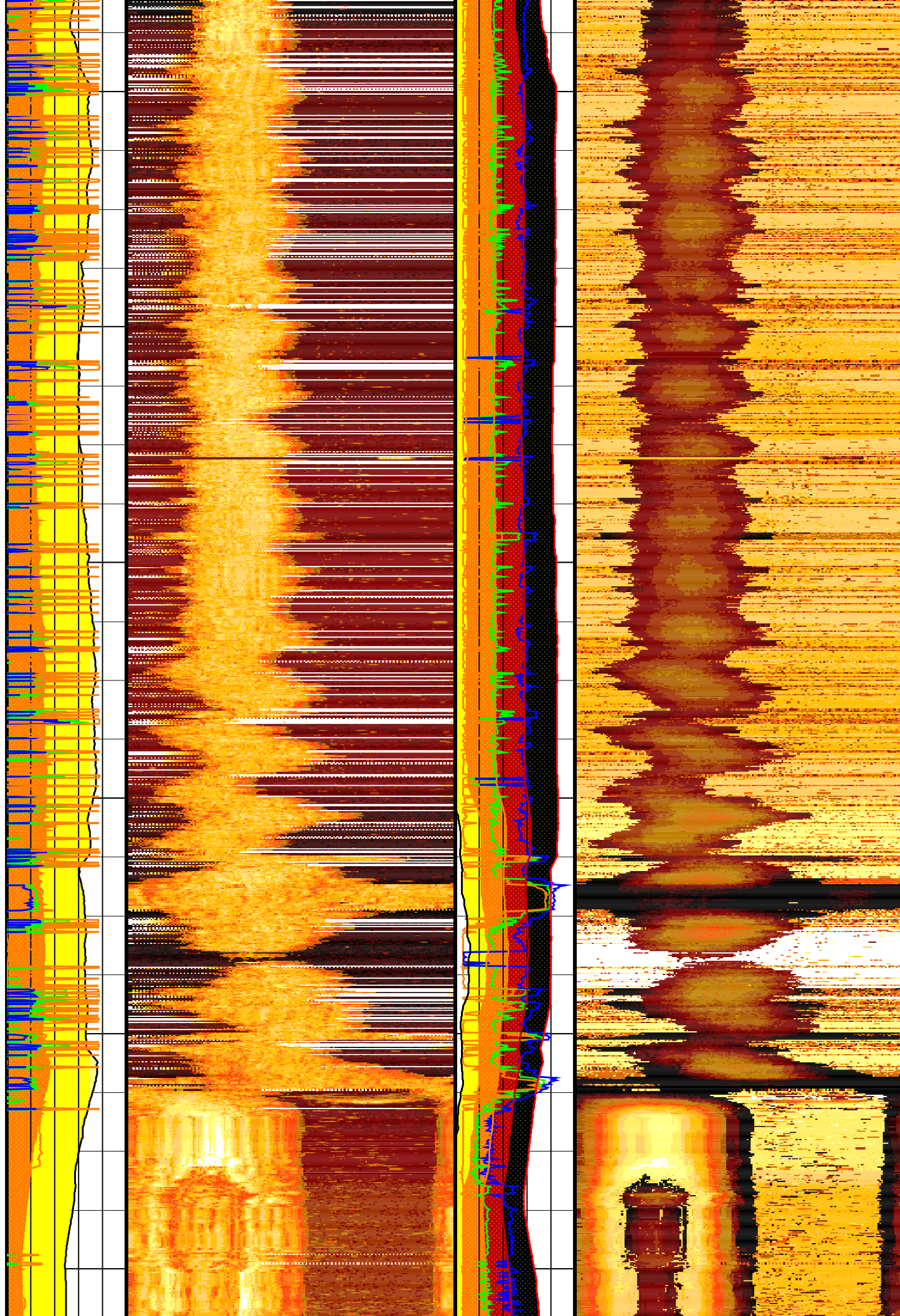
2430

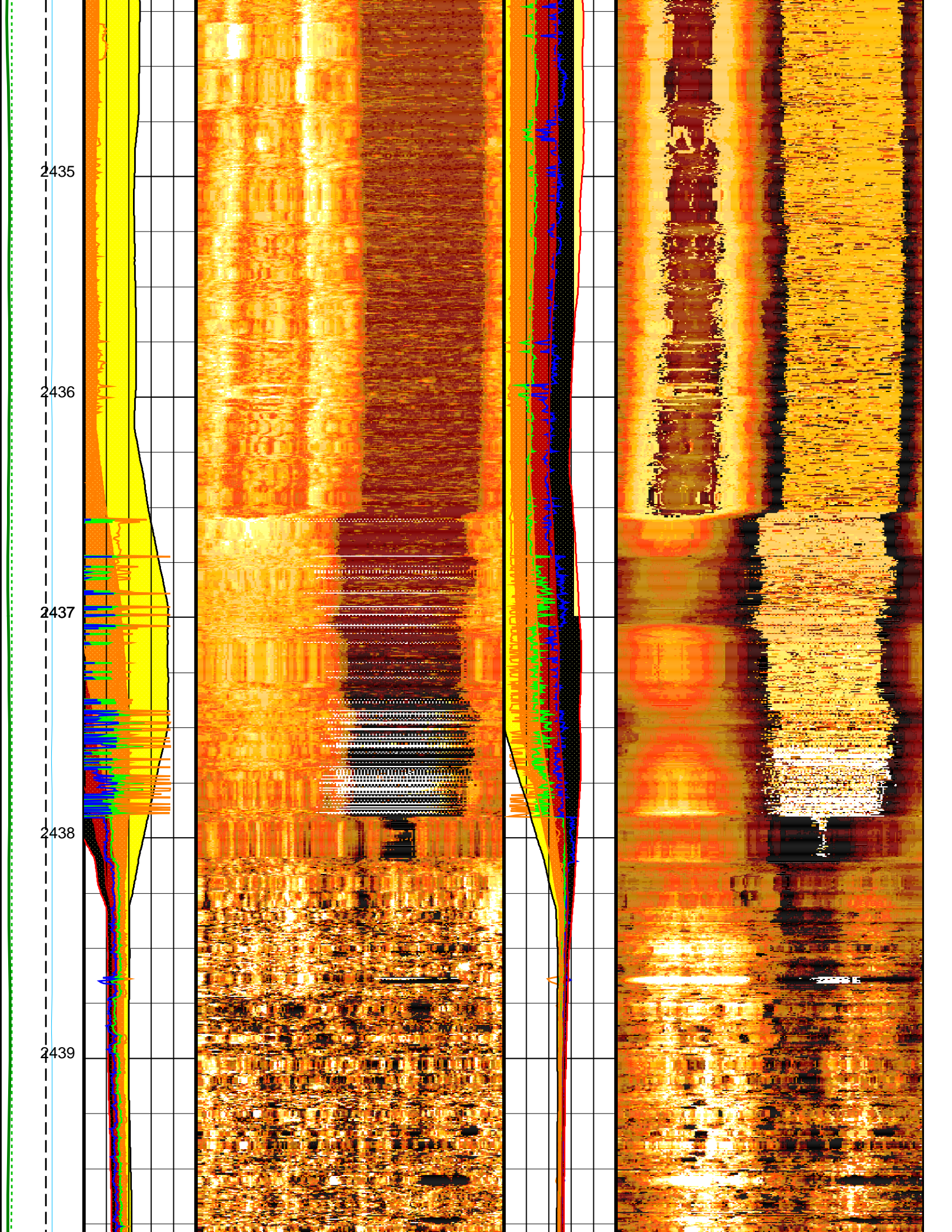
2431

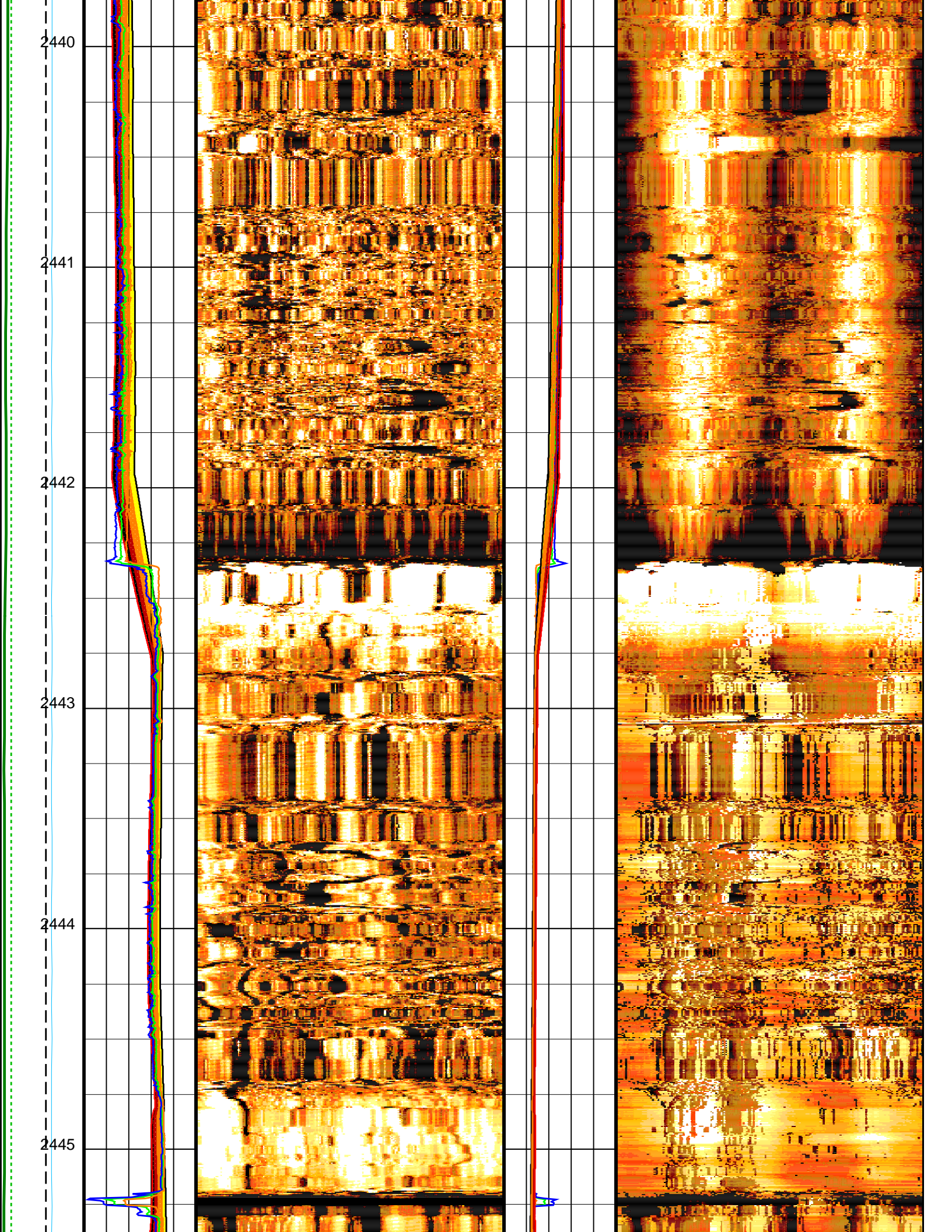
2432

2433

2434







2446

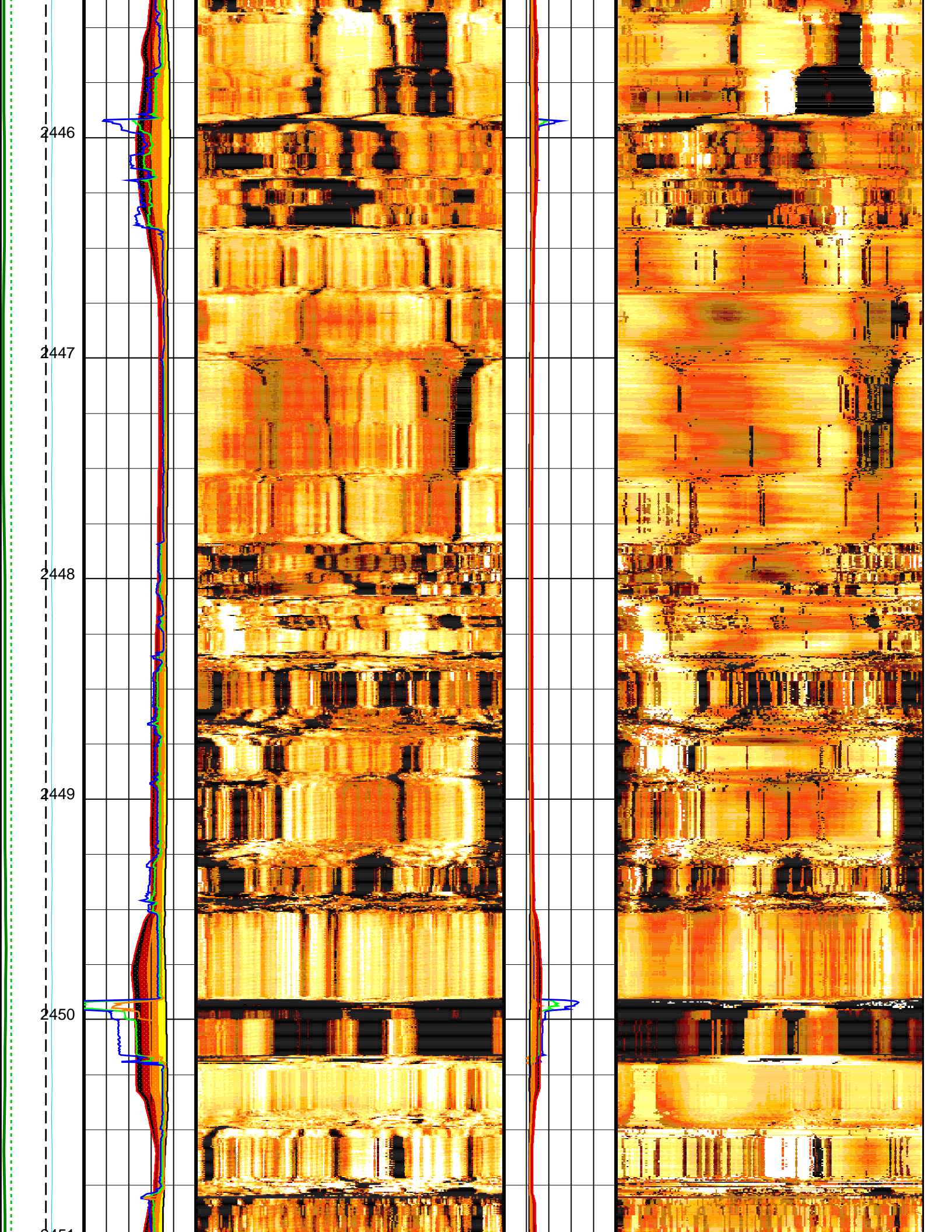
2447

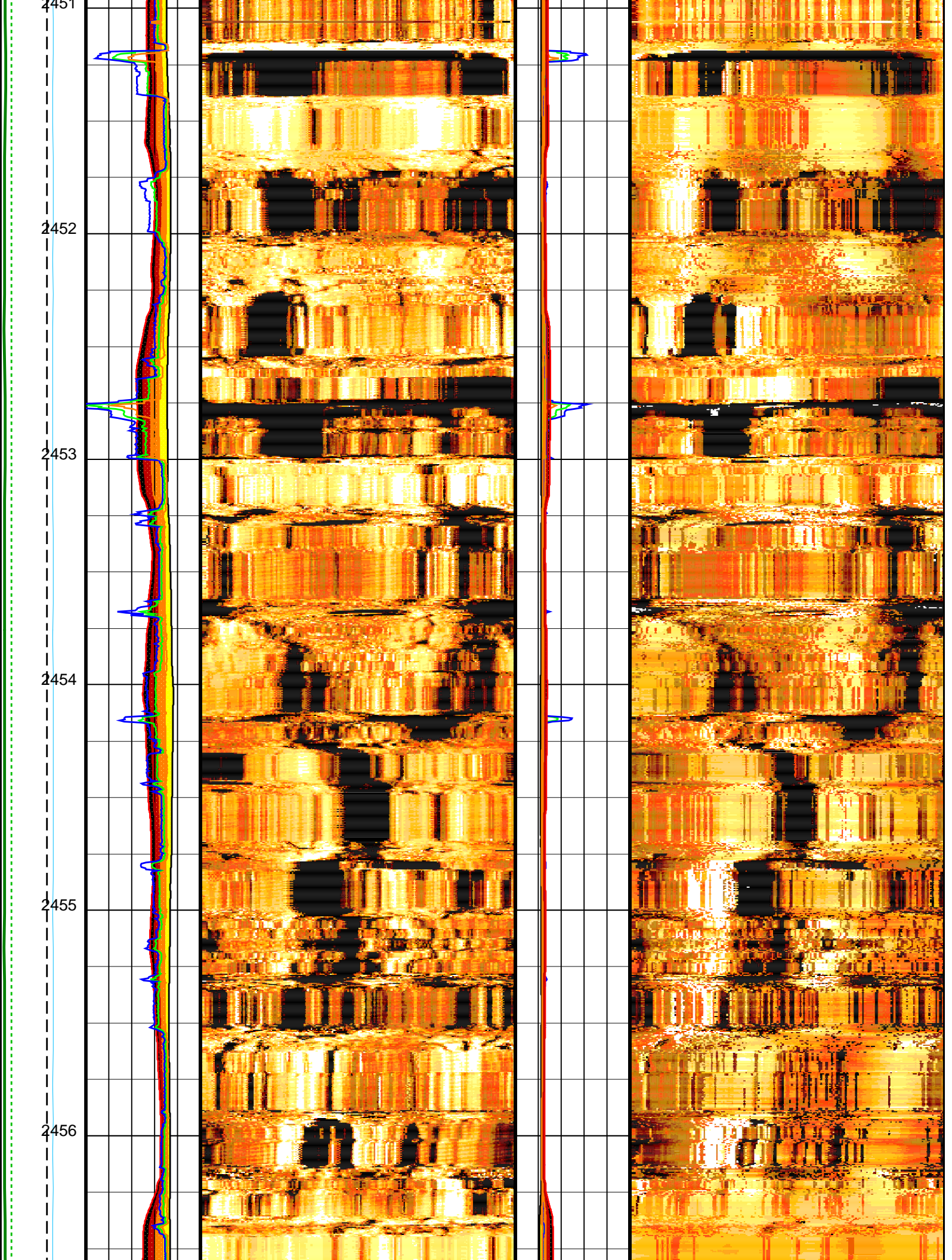
2448

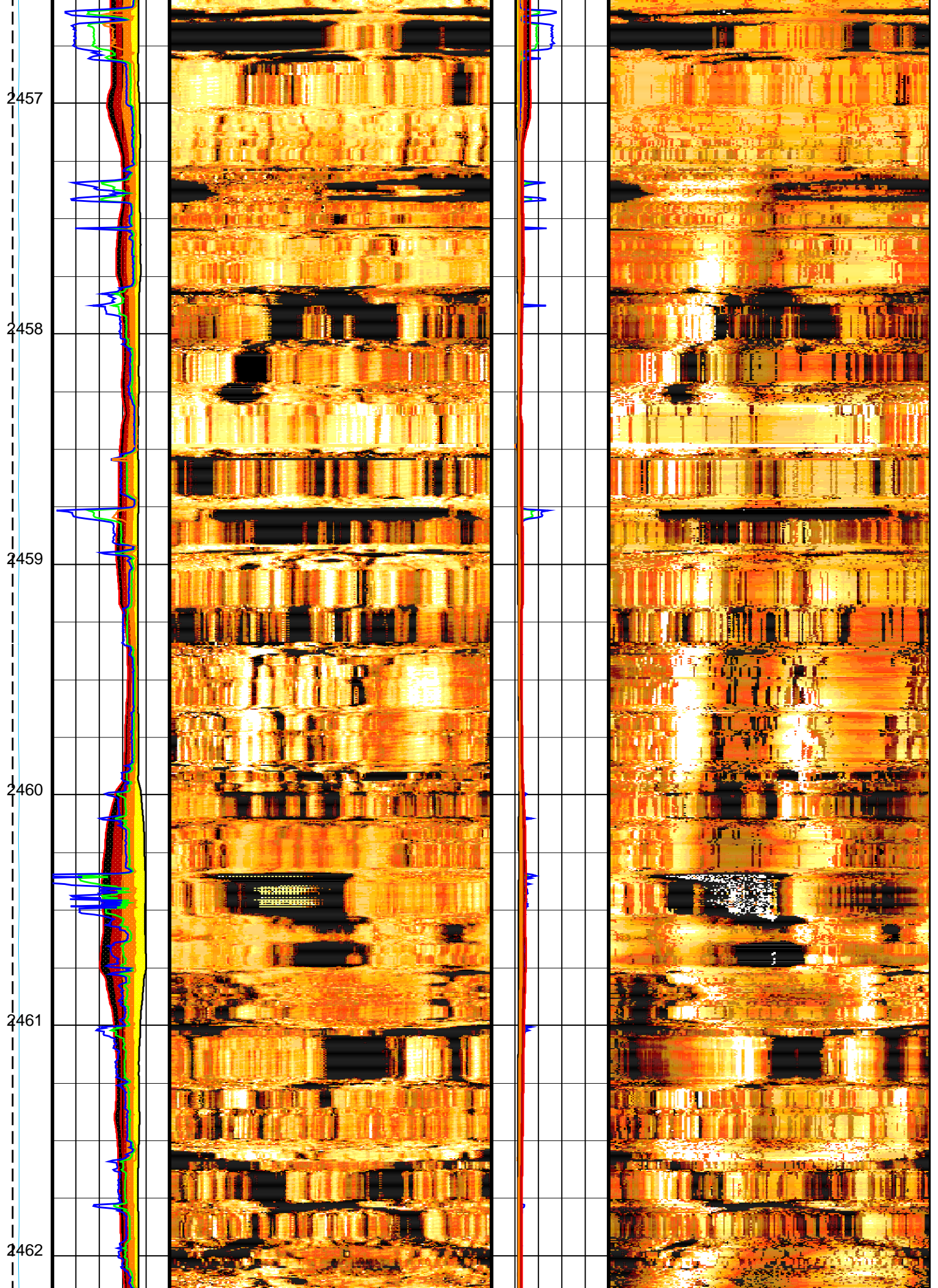
2449

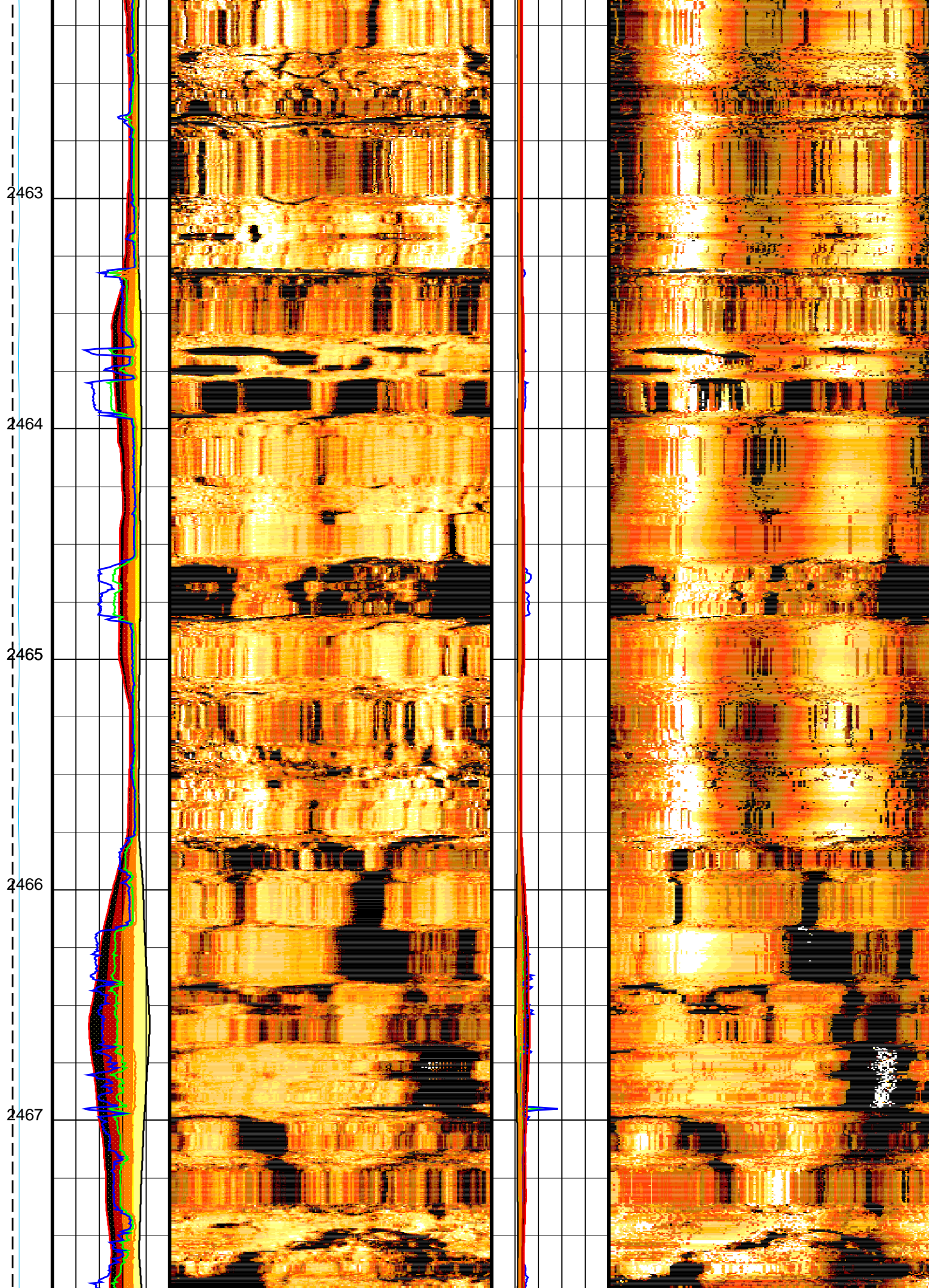
2450

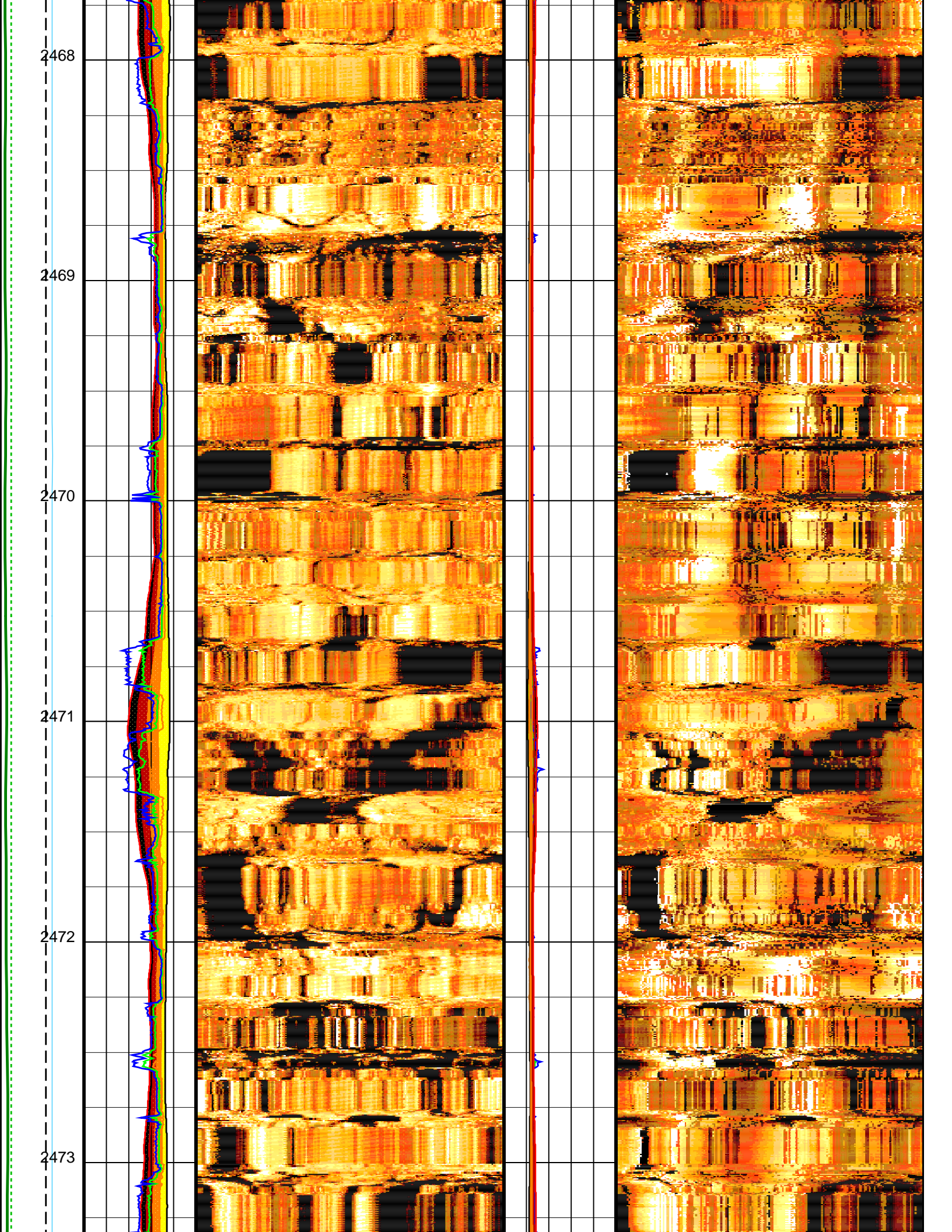
2451

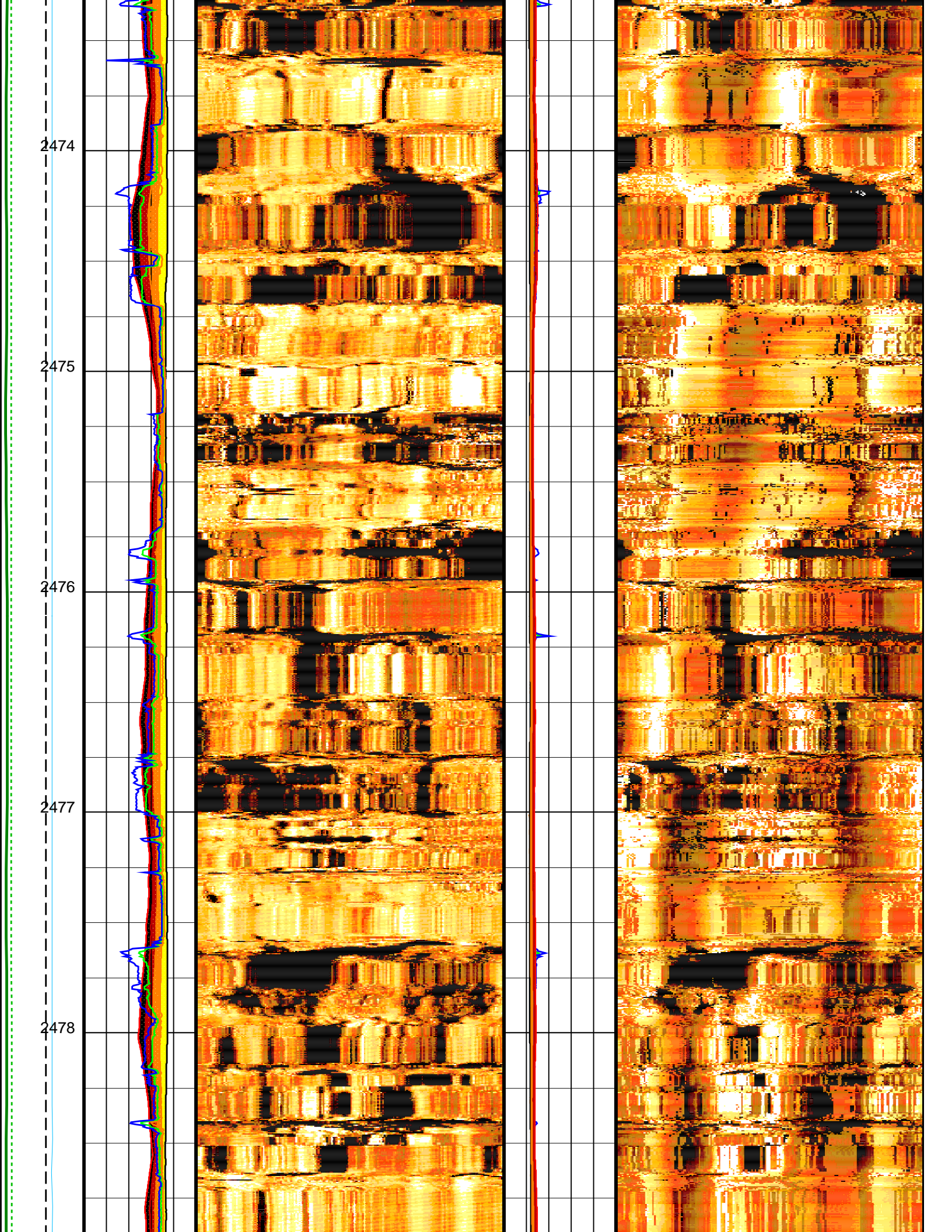


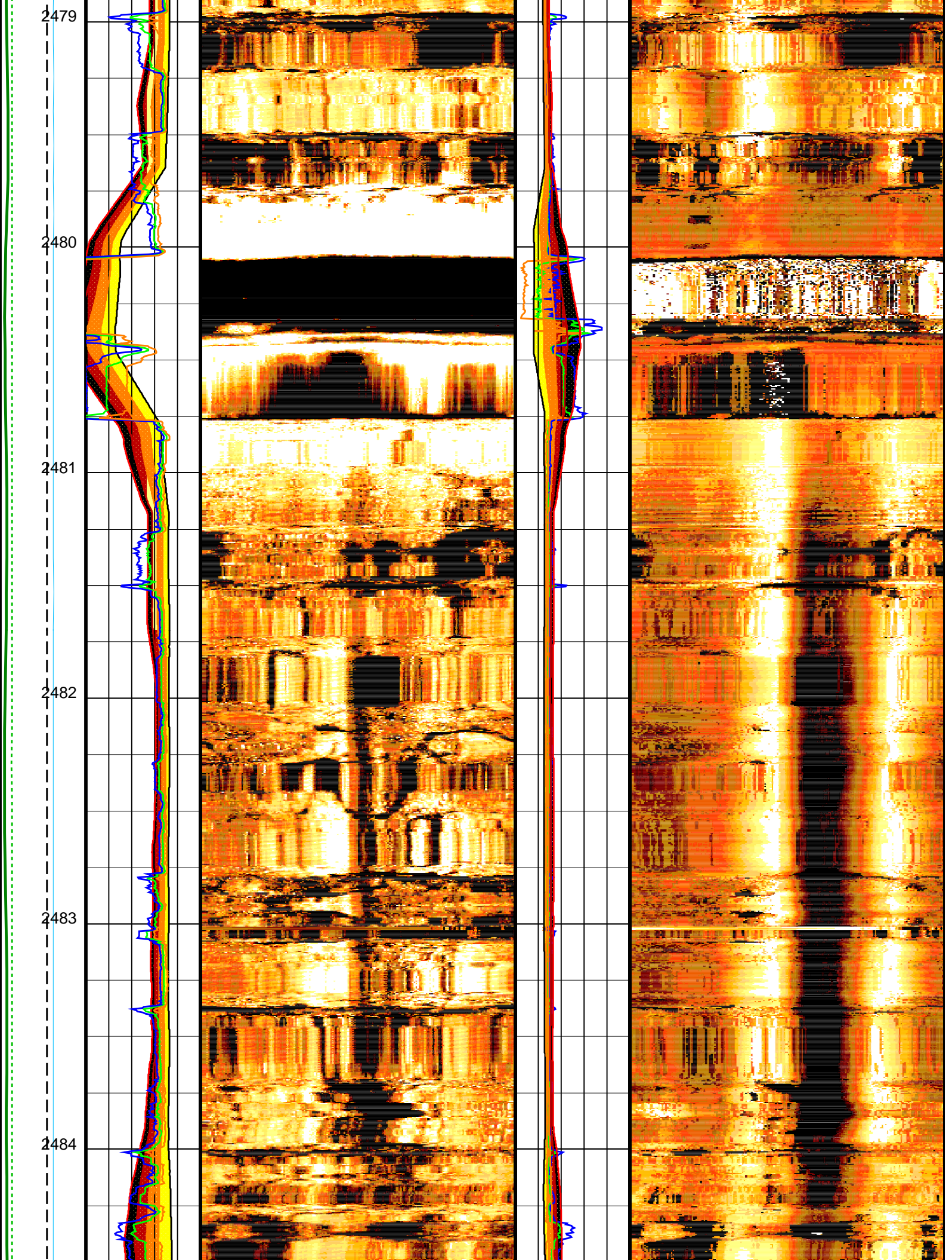


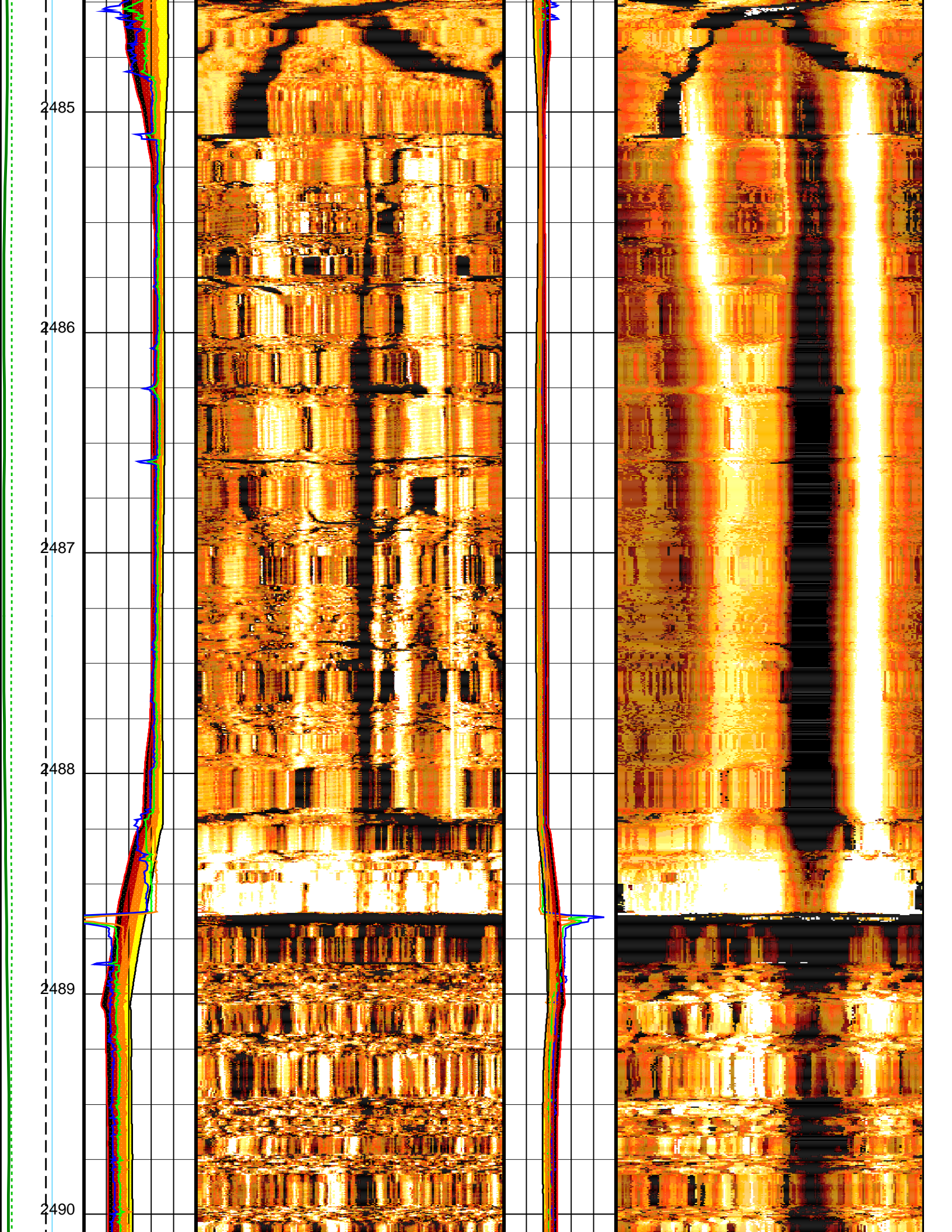












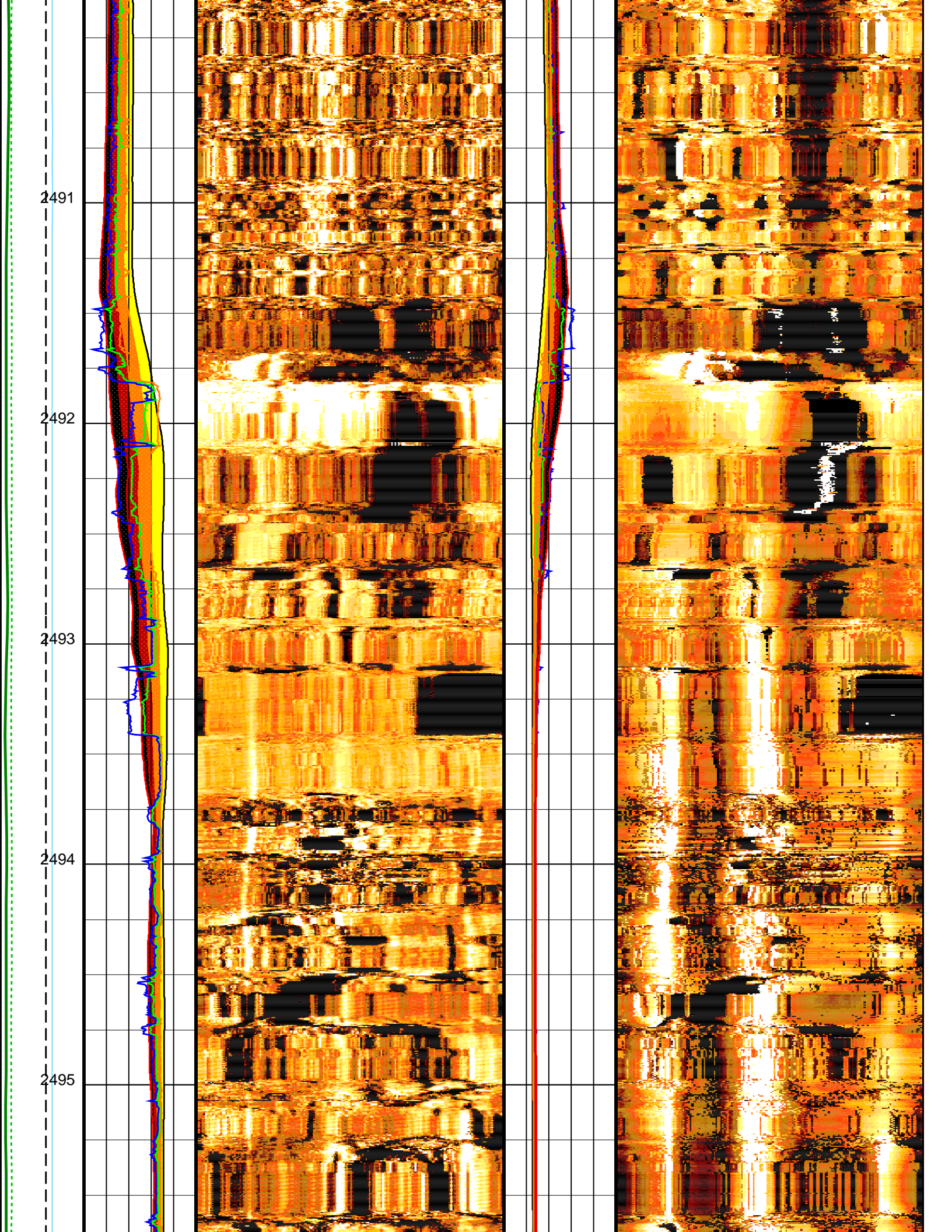
2491

2492

2493

2494

2495



2496

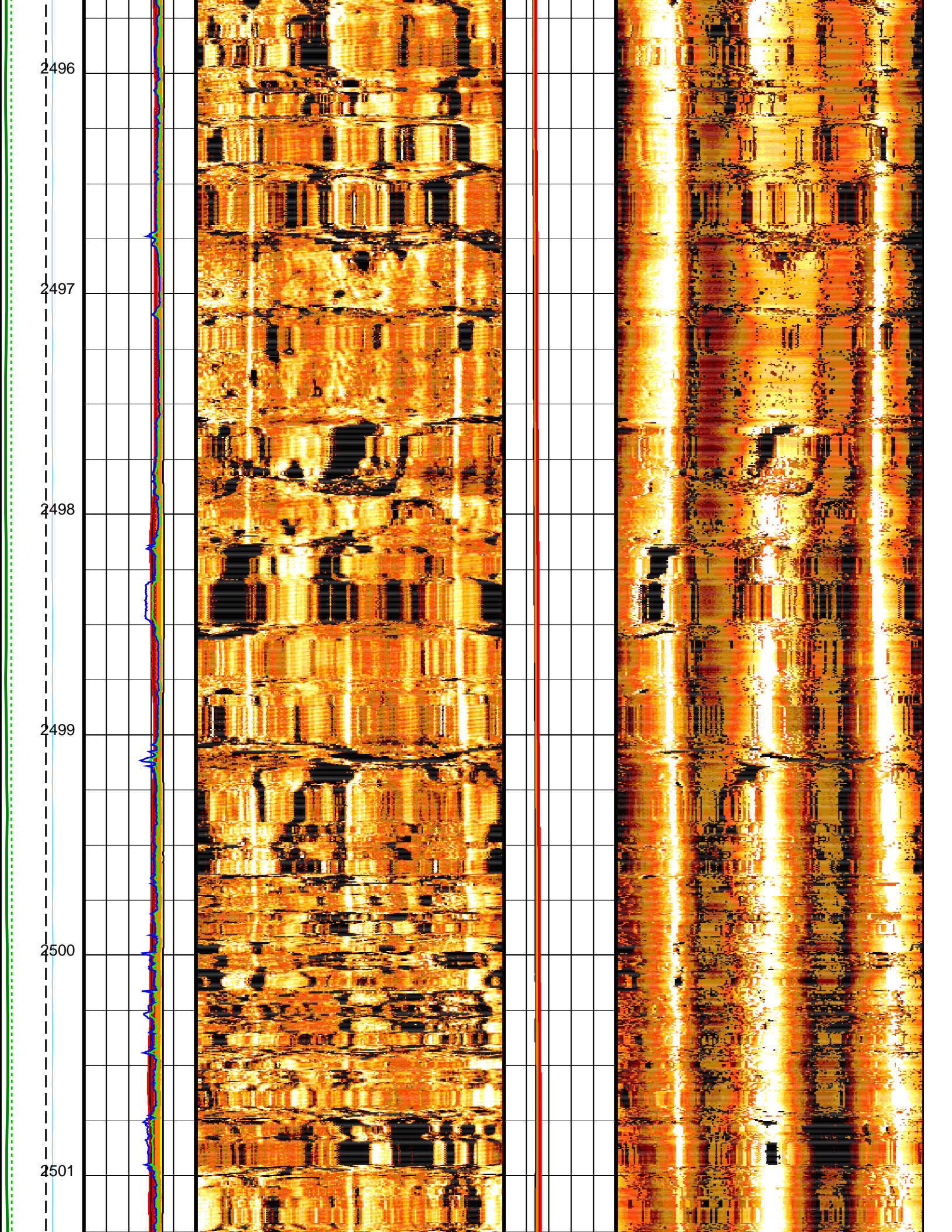
2497

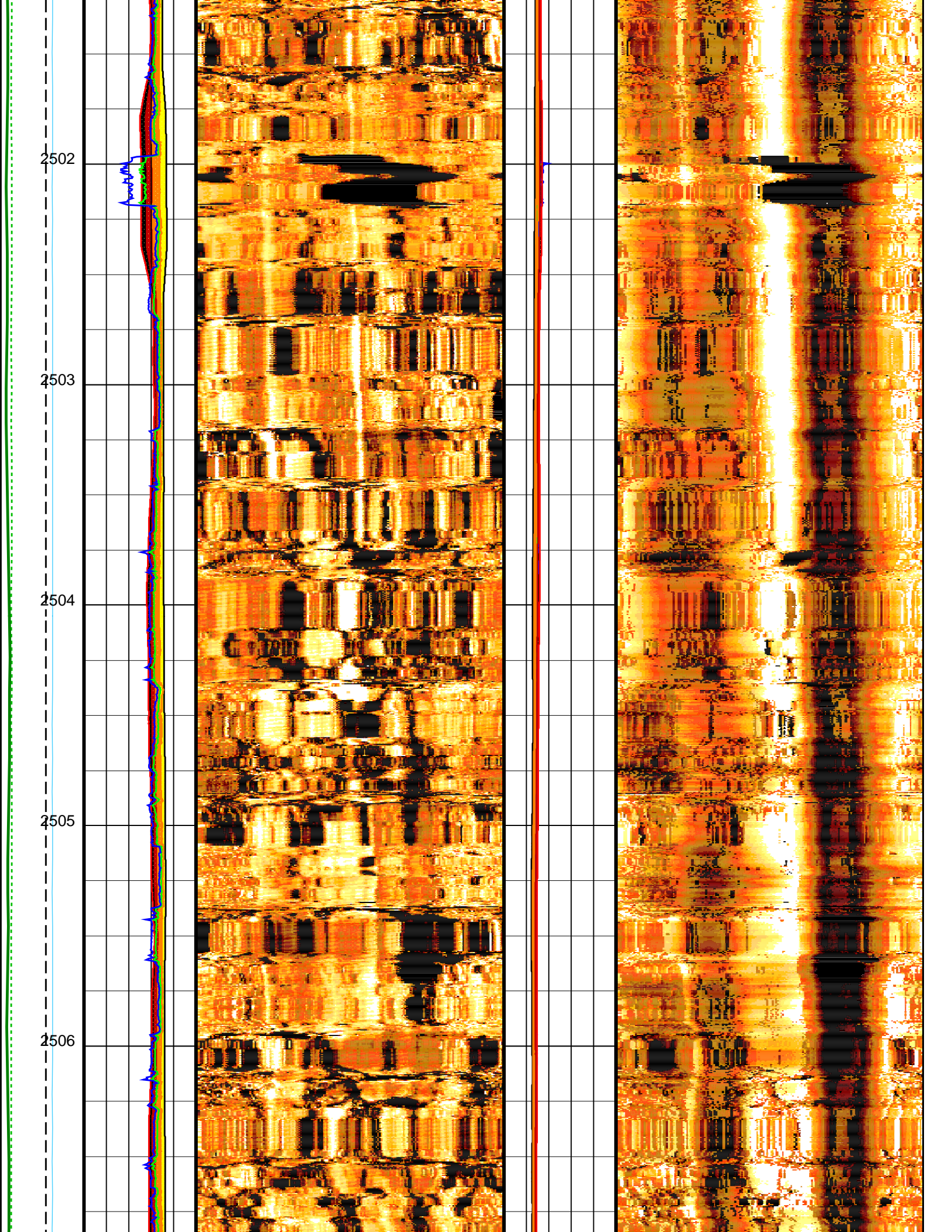
2498

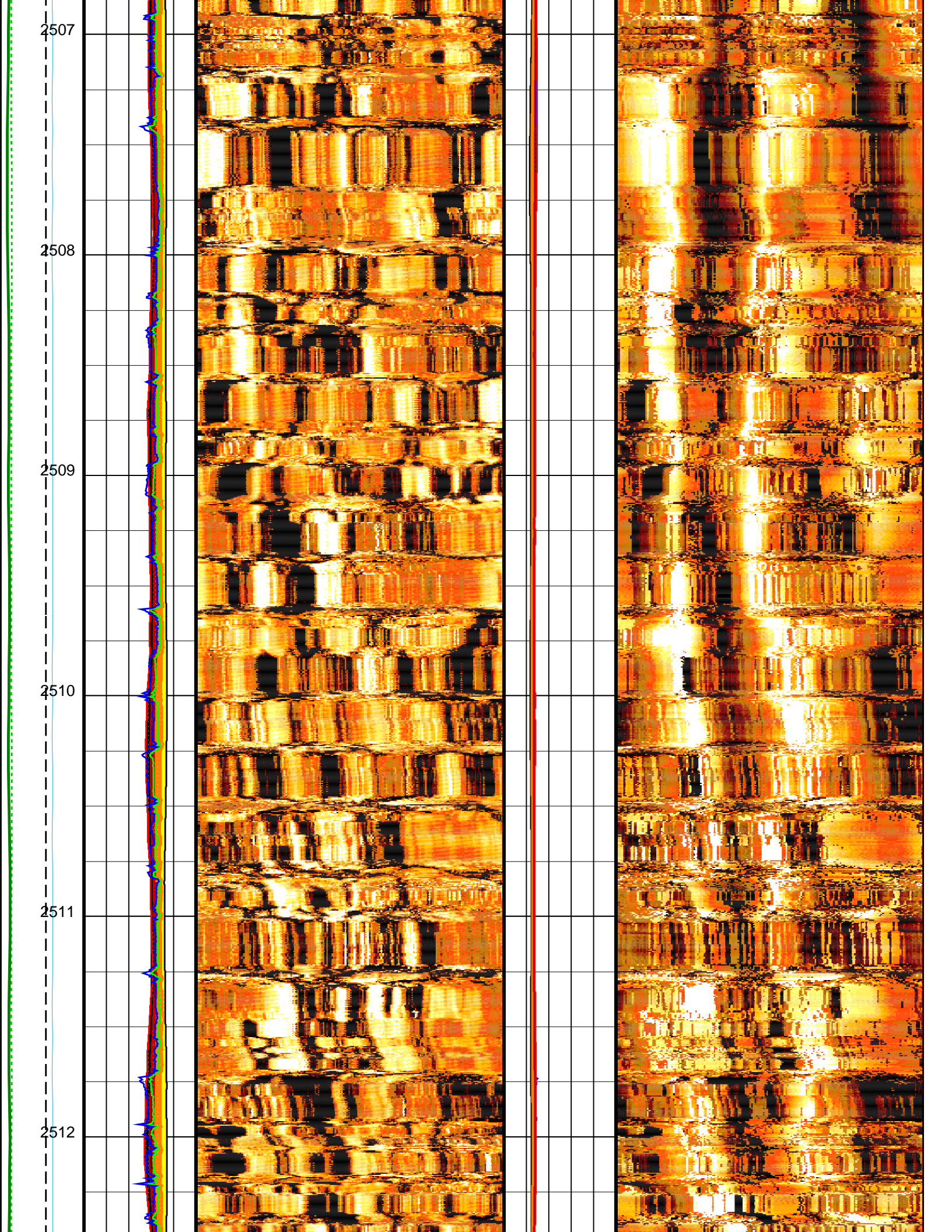
2499

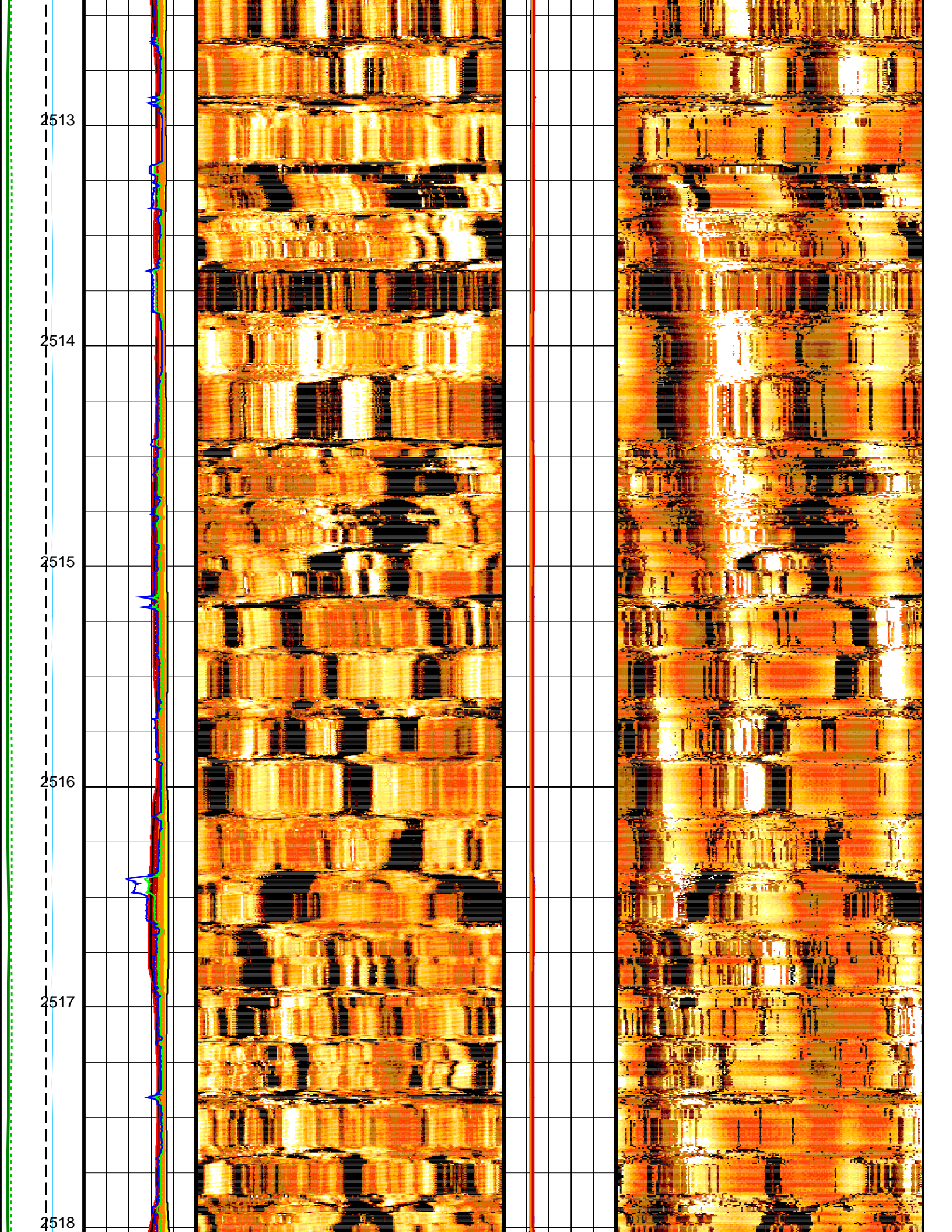
2500

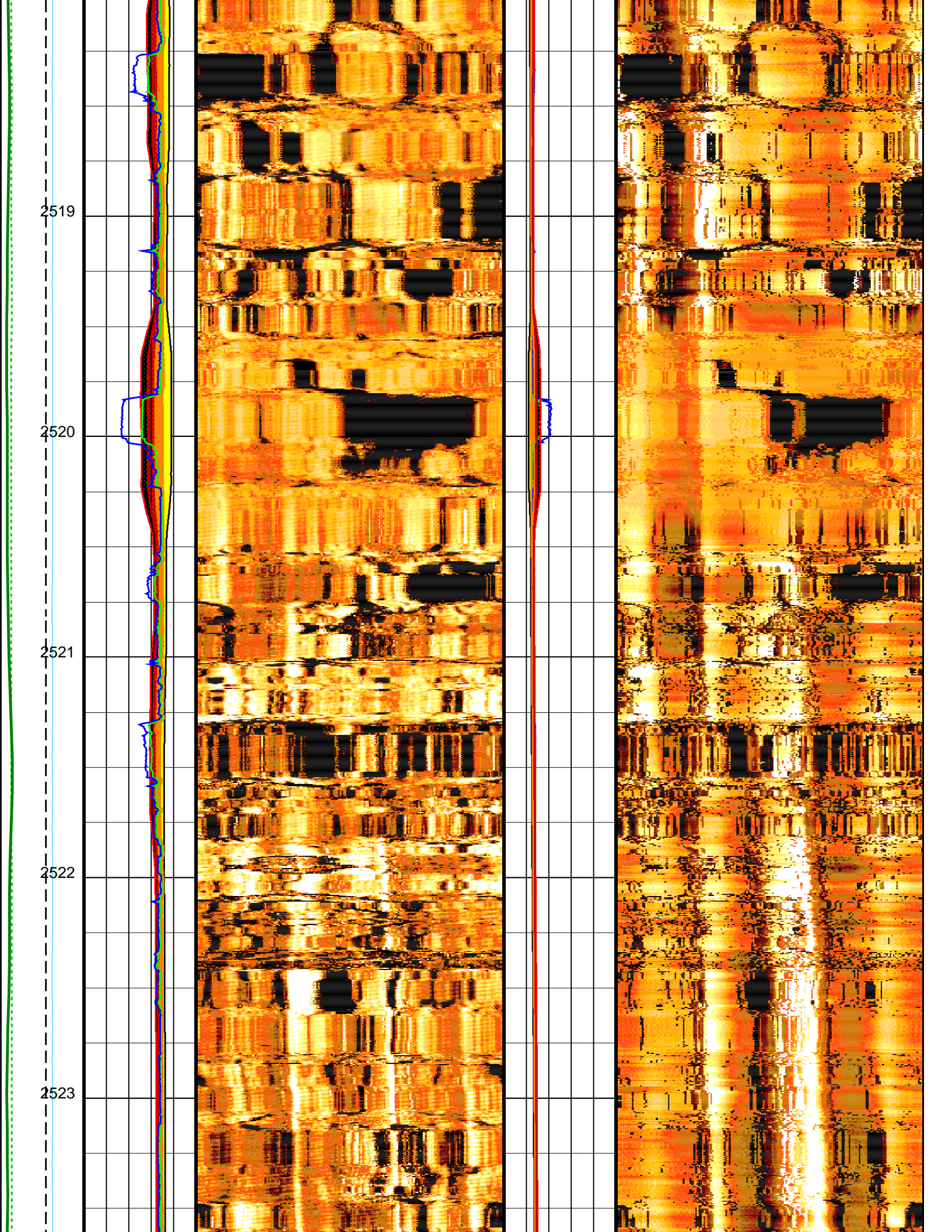
2501

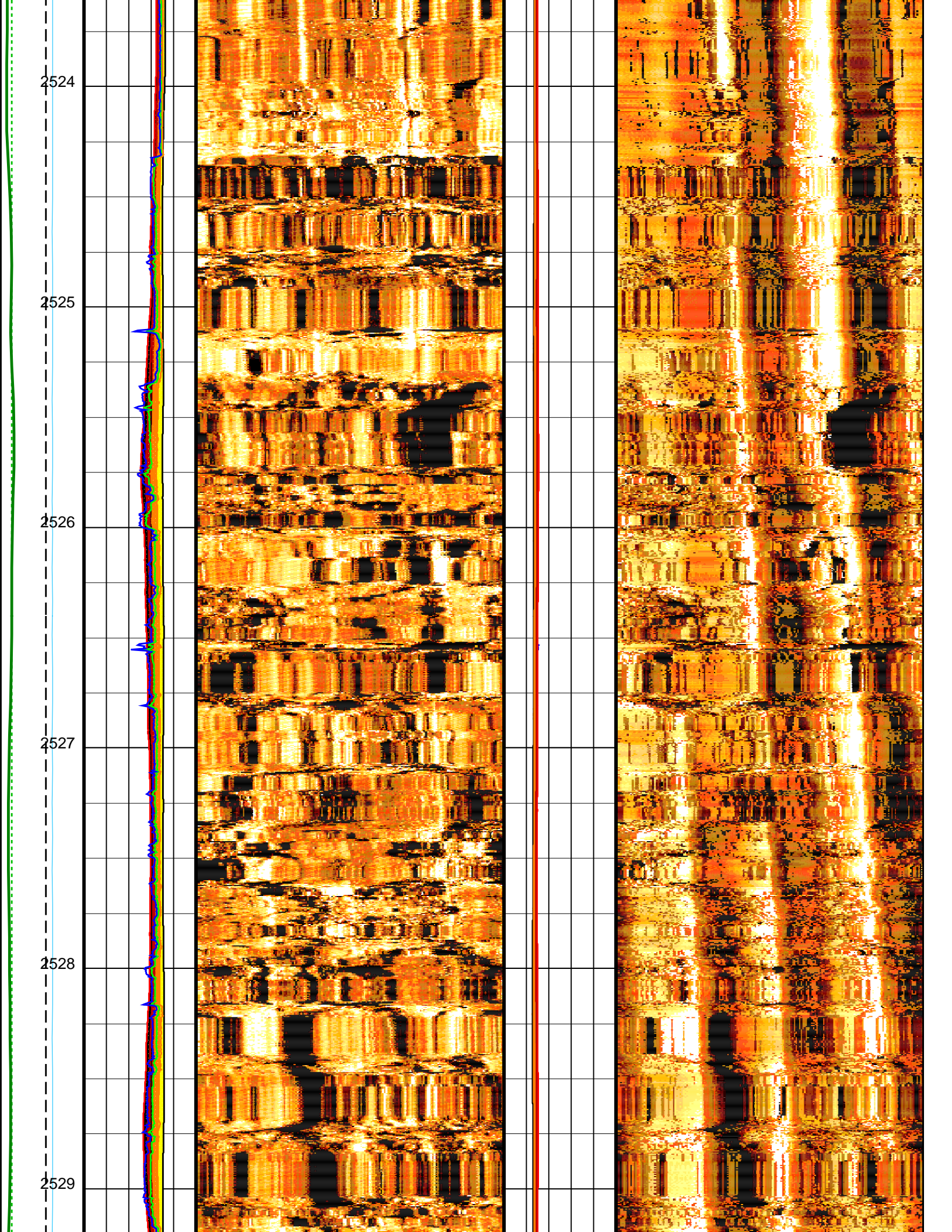


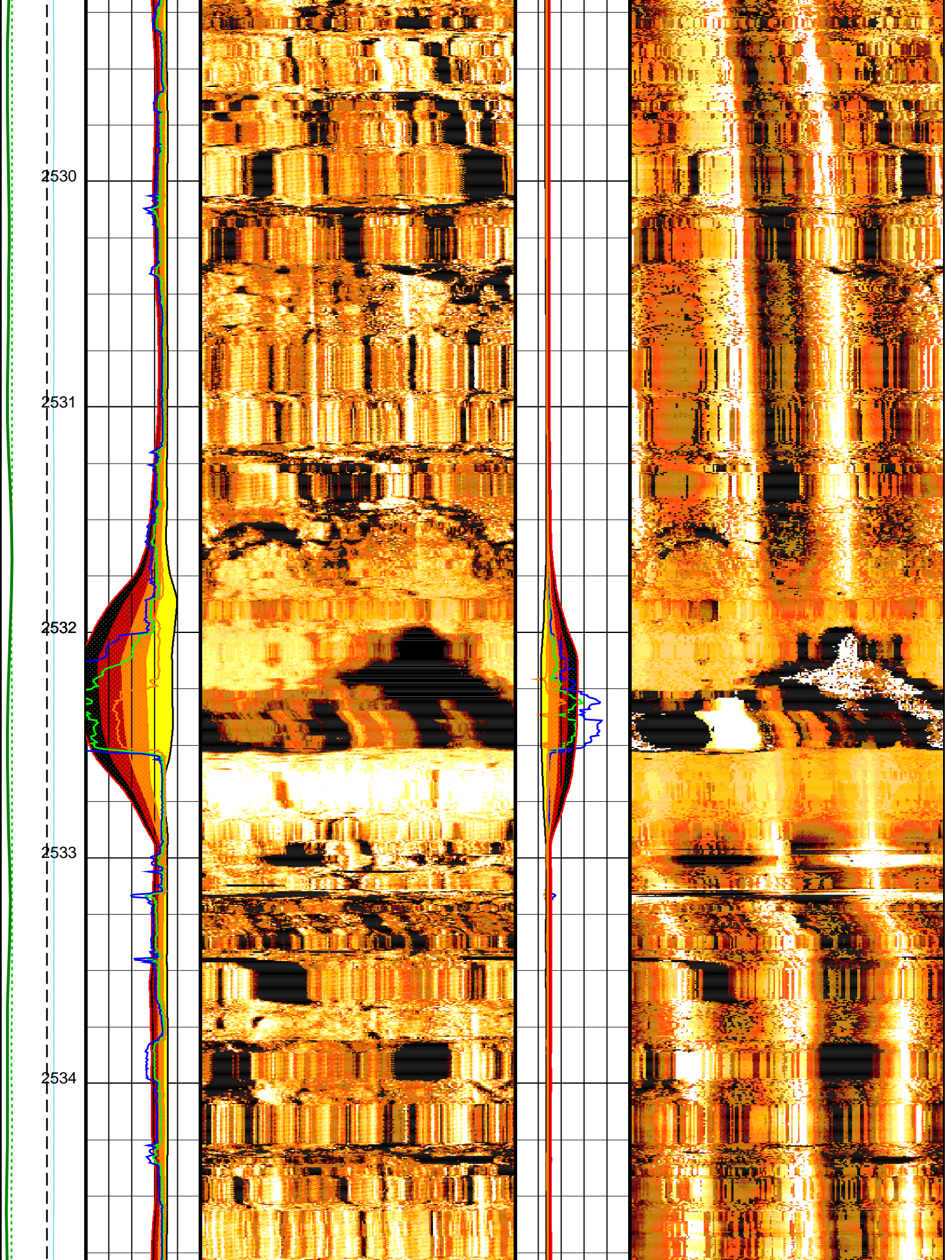


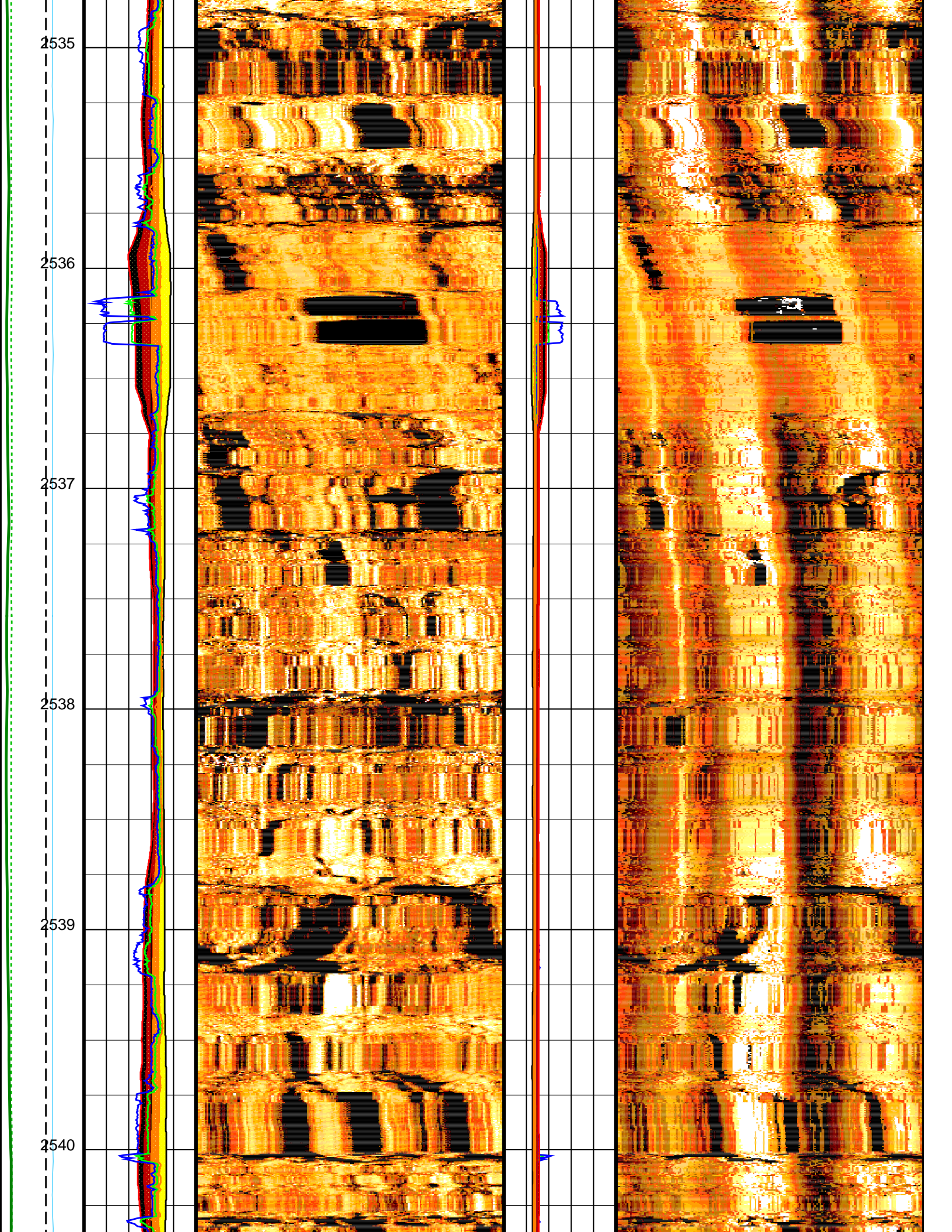


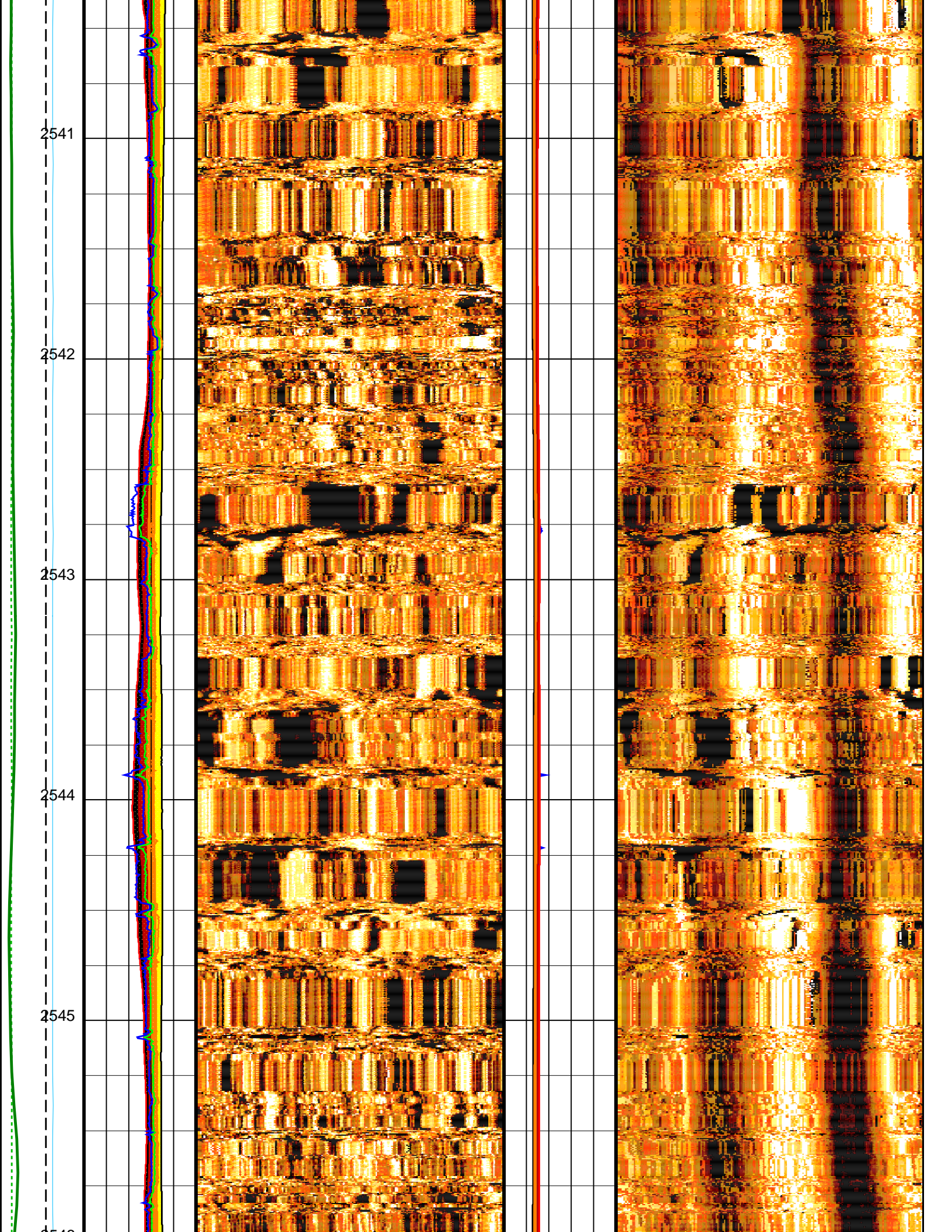


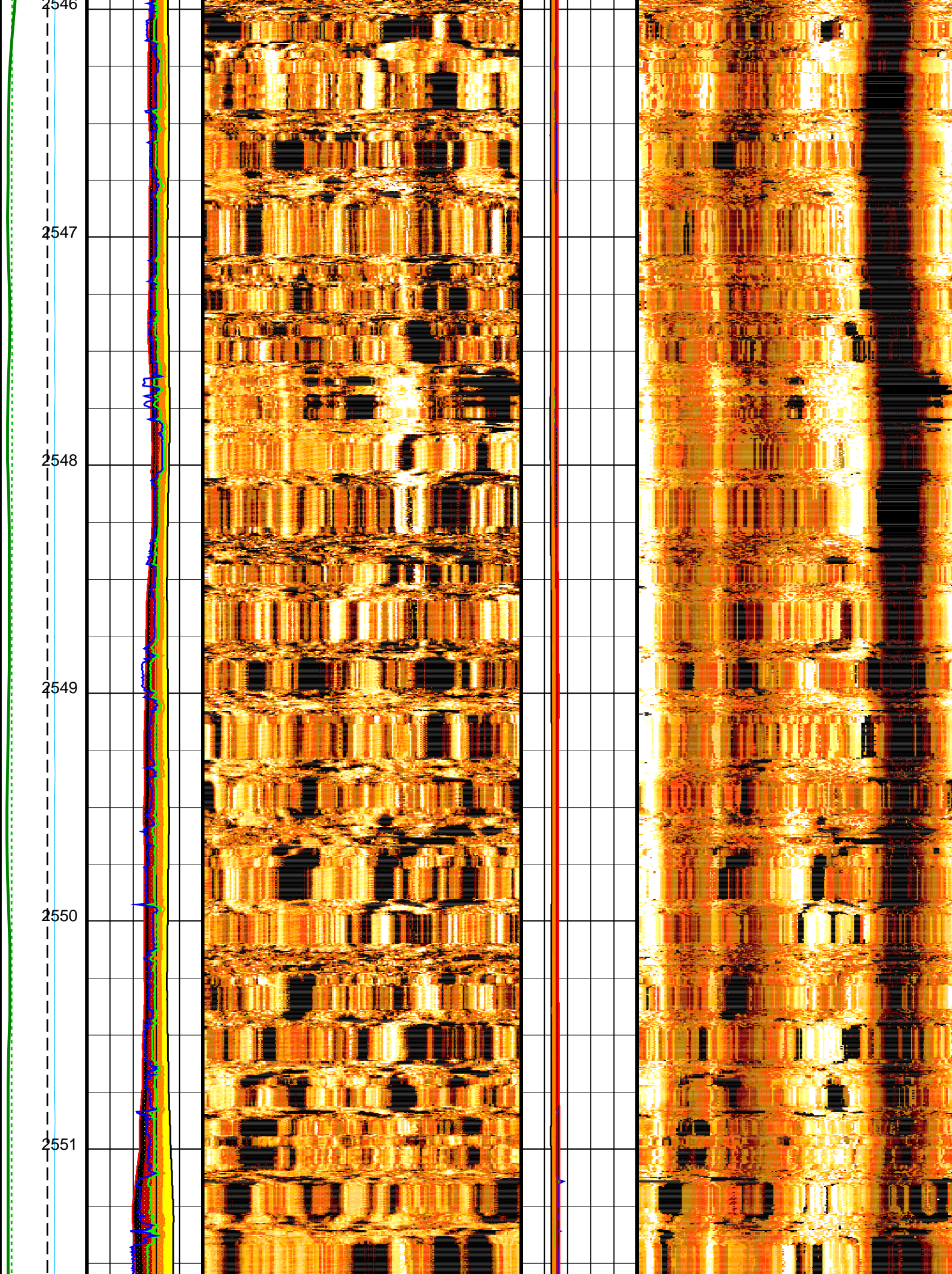


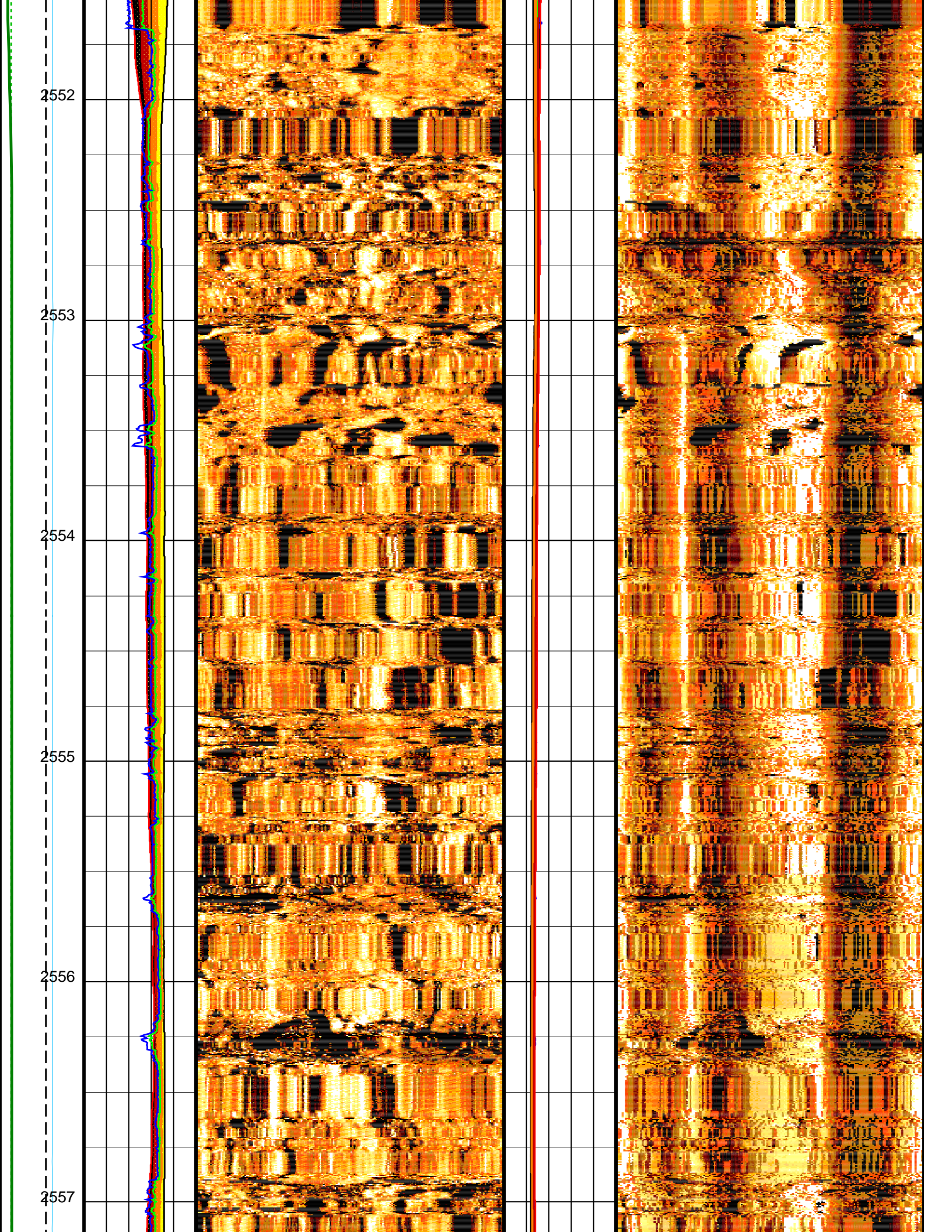












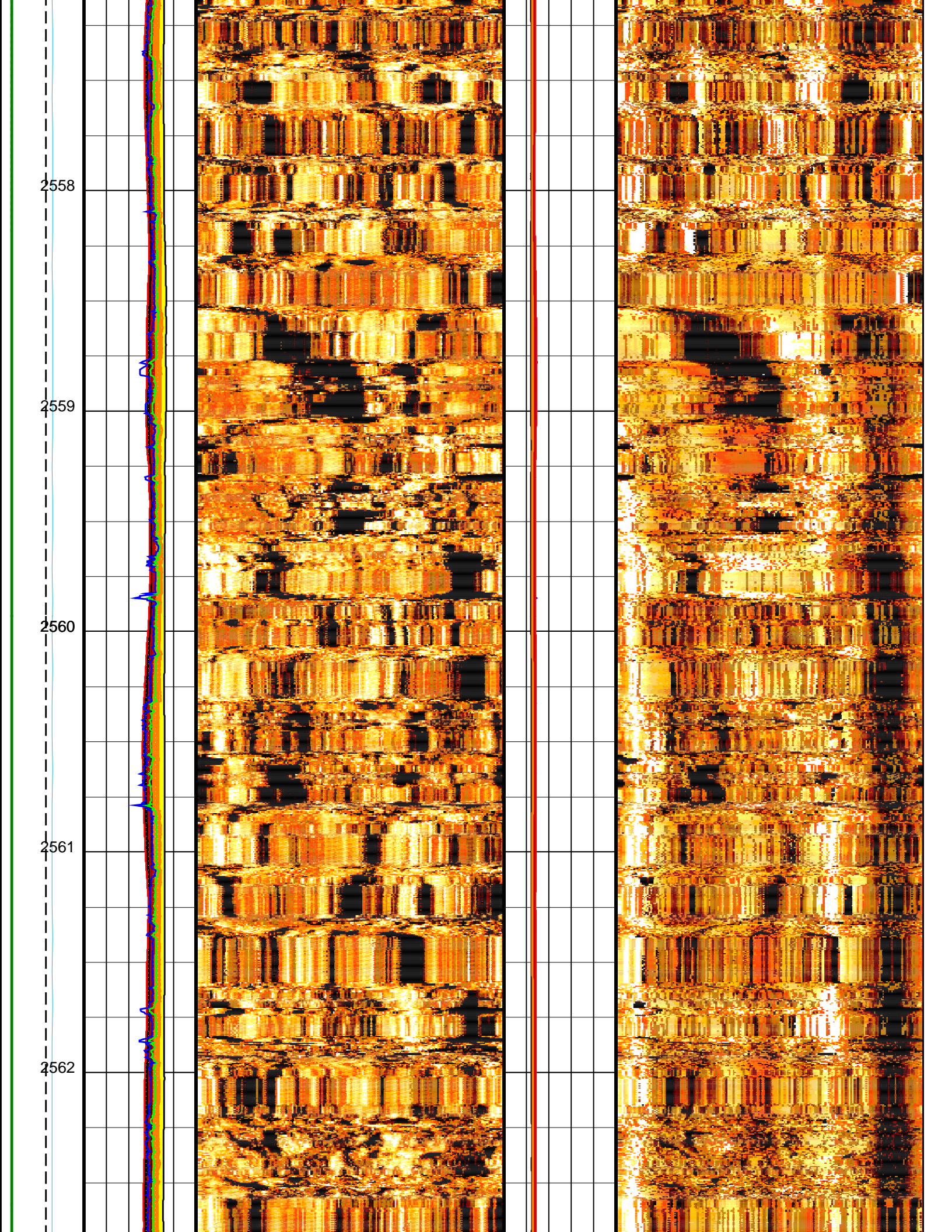
2558

2559

2560

2561

2562



2563

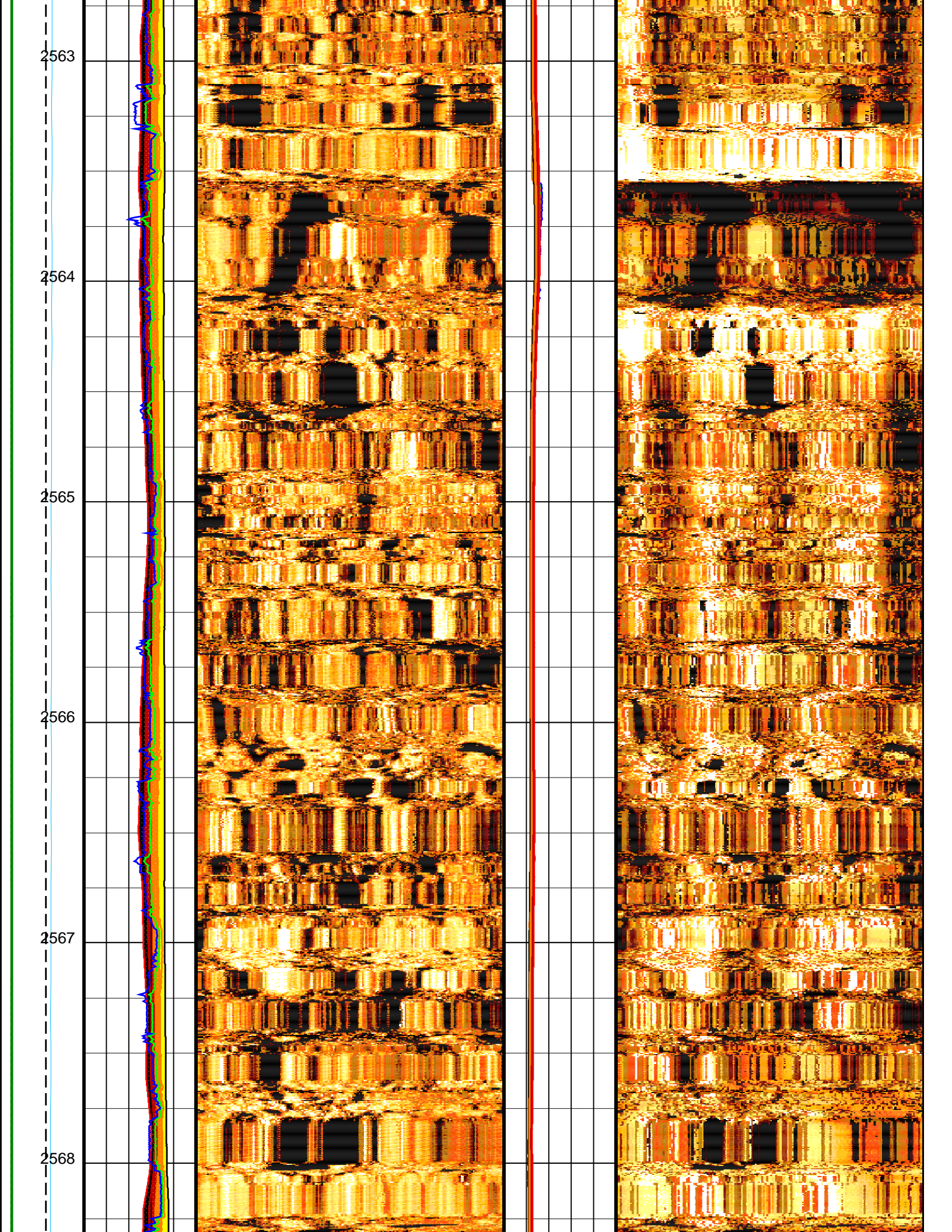
2564

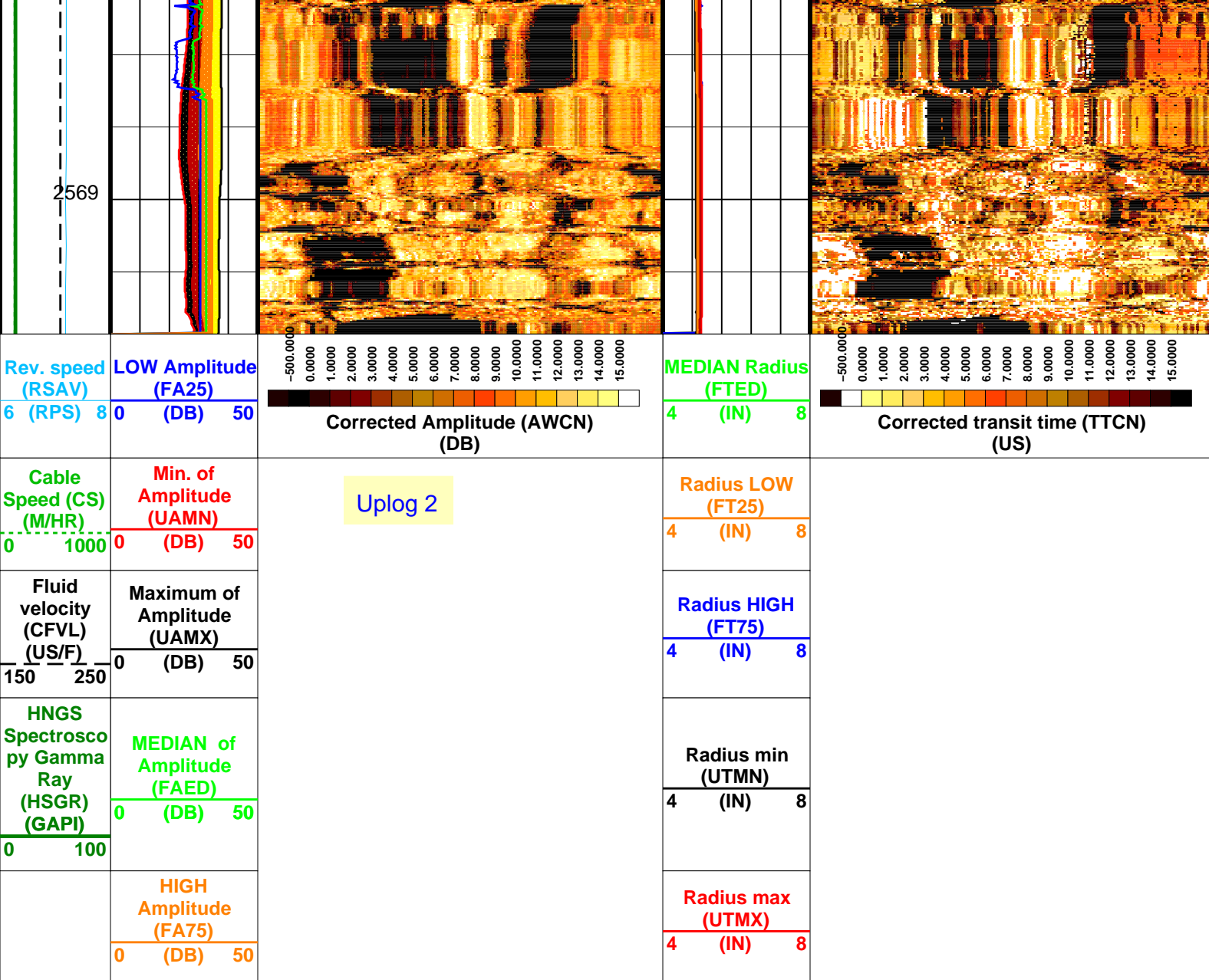
2565

2566

2567

2568





Format: UBI_Image Vertical Scale: 1:20 Graphics File Created: 20-Jul-2021 18:11

OP System Version: 19C0-187

UBI-D	SRPC-5095-H2-2011-OP19	GPIT-A/B	19C0-187
DTA-A	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	DTC-H	19C0-187

Parameters

DLIS Name	Description	Value
UBI-D: Ultrasonic Borehole Imager - D		
AAMN	Automatic Amplitude Minimum Scale	2 DB
ANGO	Angular Offset	-17 DEG
ATMN	Automatic Transit Time Minimum Scale	2 US
CSID	Casing Inner Diameter	4.125 IN
DCMN	Window Decrement Down	0.8
DCMX	Window Decrement Up	0.6
DFVL	Default Fluid Velocity	204 US/F
DOT	Diameter of Tool	1.85 IN
ECRL	Eccentering Correction Level	FIRST
ERDB	Eccentering Rejection	12 DB
FDOS	FVEL Depth Offset	0 M
FMOS	FVEL Measurement Offset	0 US/F
GCSW	Gain Correction	ON
IMAR	Image Rotation	OFF
LIM1	Minimum Limit Control	AUTO
LIM2	Maximum Limit Control	MANUAL

NBCD	Color Correction Depth Level	80	
NBLD	Eccentering Correction Depth Level	1	
NCDI	Noise Correction Depth Interval	30	
PNSW	Processing Noise Correction	ON	
RCSO	Reference Calibrator Standoff	0.795	IN
RJ60	60 Hz Correction	ON	
SWLV	Sliding Window Minimum	Inh_18us	
SWMX	Sliding Window Maximum	Inh_167us	
UFON	UBI Flagging of Lost Echoes	OFF	
UGOS	UBI/UCI GPIT Offset	3.63	IN
USTO	Ultrasonic Time Offset	-3	US
USUB	UBI Sub Identifier	Sub_5_inch	
UWKM	Current Working Mode	UBI7_SW500_180_1	
HNGS-BA: Hostile Natural Gamma Ray Sonde			
BAR1	HNGS Detector 1 Barite Constant	1	
BAR2	HNGS Detector 2 Barite Constant	1	
BHK	HNGS Borehole Potassium Correction Concentration	0	
BHS	Borehole Status	OPEN	
CSD1	Inner Casing Outer Diameter	0	IN
CSD2	Outer Casing Outer Diameter	0	IN
CSW1	Inner Casing Weight	0	LB/F
CSW2	Outer Casing Weight	0	LB/F
DBCC	HNGS Barite Constant Correction Flag	NONE	
GCSE	Generalized Caliper Selection	BS	
H1P	HNGS Detector 1 Allow/Disallow In Processing	ALLOW	
H2P	HNGS Detector 2 Allow/Disallow In Processing	ALLOW	
HABK	HNGS Borehole Potassium Running Average	-0.000960853	
HALF	HNGS Alpha Filter Length	60	IN
HCRB	HNGS Apply Borehole Potassium Correction	NONE	
HMWM	Mud Weighting Material	NATU	
HNPE	HNGS Processing Enable	YES	
S1BI	HNGS Detector 1 Calibration Bismuth Count Rate	1.3	CPS
S2BI	HNGS Detector 2 Calibration Bismuth Count Rate	1.3	CPS
SGRC	HNGS Standard Gamma-Ray Correction Flag	YES	
TPOS	Tool Position	CENT	
VBA1	HNGS Detector 1 Variable Barite Factor Running Average	1.03905	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	1.12301	
UHSV: UBI Hole Shape Analysis			
AAMN	Automatic Amplitude Minimum Scale	2	DB
ANGO	Angular Offset	-17	DEG
ATMN	Automatic Transit Time Minimum Scale	2	US
CSID	Casing Inner Diameter	4.125	IN
DCMN	Window Decrement Down	0.8	
DCMX	Window Decrement Up	0.6	
DFVL	Default Fluid Velocity	204	US/F
DOT	Diameter of Tool	1.85	IN
ECRL	Eccentering Correction Level	FIRST	
ERDB	Eccentering Rejection	12	DB
FDOS	FVEL Depth Offset	0	M
FMOS	FVEL Measurement Offset	0	US/F
GCSW	Gain Correction	ON	
IMAR	Image Rotation	OFF	
LIM1	Minimum Limit Control	AUTO	
LIM2	Maximum Limit Control	MANUAL	
NBCD	Color Correction Depth Level	80	
NBLD	Eccentering Correction Depth Level	1	
NCDI	Noise Correction Depth Interval	30	
PNSW	Processing Noise Correction	ON	
RCSO	Reference Calibrator Standoff	0.795	IN
RJ60	60 Hz Correction	ON	
SWLV	Sliding Window Minimum	Inh_18us	
SWMX	Sliding Window Maximum	Inh_167us	
UFON	UBI Flagging of Lost Echoes	OFF	
UGOS	UBI/UCI GPIT Offset	3.63	IN
USTO	Ultrasonic Time Offset	-3	US
USUB	UBI Sub Identifier	Sub_5_inch	
UWKM	Current Working Mode	UBI7_SW500_180_1	
System and Miscellaneous			
BS	Bit Size	9.875	IN

Output DLIS Files

DEFAULT	UBI_NGS_051LUP	FN:88	PRODUCER	20-Jul-2021 18:11
BACKUP	UBI_NGS_051LUP	FN:89	PRODUCER	20-Jul-2021 18:11

Calibration and Check Summary

Measurement	Nominal	Master	Before	After	Change	Limit	Units
-------------	---------	--------	--------	-------	--------	-------	-------

General Purpose Inclinatorometer Wellsite Calibration – CROUZET ACCELEROMETER PROM HAS BEEN READ CORRECTLY							
Before: 20–Jul–2021 14:21							
TEMPERATURE REFERENCE :	N/A	N/A	20	N/A	N/A	N/A	DEGC
YEAR OF CALIBRATION :	N/A	N/A	92	N/A	N/A	N/A	
MONTH OF CALIBRATION :	N/A	N/A	10	N/A	N/A	N/A	
SERIAL NUMBER :	N/A	N/A	448	N/A	N/A	N/A	
General Purpose Inclinatorometer Wellsite Calibration – CROUZET MAGNETOMETER PROM HAS BEEN READ CORRECTLY							
Before: 20–Jul–2021 14:21							
TEMPERATURE REFERENCE :	N/A	N/A	19	N/A	N/A	N/A	DEGC
YEAR OF CALIBRATION :	N/A	N/A	99	N/A	N/A	N/A	
MONTH OF CALIBRATION :	N/A	N/A	12	N/A	N/A	N/A	
SERIAL NUMBER :	N/A	N/A	428	N/A	N/A	N/A	
Hostile Natural Gamma Ray Sonde Wellsite Calibration – Detector 1 Check							
Master: 2–May–2021 10:04 Before: 13–Jun–2021 9:44							
Na 511 Peak Loc	40.00	39.25	39.64	N/A	N/A	1.000	
Na 511 Peak Res	15.50	16.53	14.84	N/A	N/A	2.000	%
High Voltage	1150	1197	1168	N/A	N/A	N/A	V
Na 1785 Peak Loc	142.6	141.8	143.3	N/A	N/A	7.000	
Na 1785 Peak Res	8.500	8.905	7.709	N/A	N/A	2.000	%
Temperature	15.50	26.59	11.69	N/A	N/A	N/A	DEGC
Na Count Rate	45.00	12.01	12.89	N/A	N/A	8.000	CPS
Hostile Natural Gamma Ray Sonde Wellsite Calibration – Detector 2 Check							
Master: 2–May–2021 10:04 Before: 13–Jun–2021 9:44							
Na 511 Peak Loc	40.00	39.88	39.51	N/A	N/A	1.000	
Na 511 Peak Res	15.50	15.29	15.27	N/A	N/A	2.000	%
High Voltage	1150	1122	1090	N/A	N/A	N/A	V
Na 1785 Peak Loc	142.6	142.6	140.8	N/A	N/A	7.000	
Na 1785 Peak Res	8.500	8.040	9.507	N/A	N/A	2.000	%
Temperature	15.50	27.21	12.30	N/A	N/A	N/A	DEGC
Na Count Rate	45.00	12.32	13.60	N/A	N/A	8.000	CPS
Hostile Natural Gamma Ray Sonde Wellsite Calibration – Ratio Of Detector 1 To Detector 2							
Master: 2–May–2021 10:04 Before: 13–Jun–2021 9:44							
Coincidence Count Rate Ratio	1.000	0.9728	0.9527	N/A	N/A	0.05000	
Hostile Natural Gamma Ray Sonde Master Calibration – Detector 1 Calibration							
Master: 2–May–2021 10:00							
Na 511 Peak Set Point	40.00	41.00	--	--	--	--	
Th Peak Loc	209.6	209.6	--	--	--	--	
Th Peak Res	7.000	6.625	--	--	--	--	%
Background Count Rate	142.5	17.82	--	--	--	--	CPS
Gain Ratio	1.000	1.015	--	--	--	--	
Hostile Natural Gamma Ray Sonde Master Calibration – Detector 2 Calibration							
Master: 2–May–2021 10:00							
Na 511 Peak Set Point	40.00	41.00	--	--	--	--	
Th Peak Loc	209.6	208.8	--	--	--	--	
Th Peak Res	7.000	7.662	--	--	--	--	%
Background Count Rate	142.5	16.78	--	--	--	--	CPS
Gain Ratio	1.000	0.9961	--	--	--	--	

General Purpose Inclinatorometer / Equipment Identification		
Primary Equipment:		
GPIT Cartridge – AC	GPIC – AC	719
Auxiliary Equipment:		
GPIT Housing	GPIH – A	2864

Hostile Natural Gamma Ray Cartridge – B / Equipment Identification		
Primary Equipment:		
HNGC Cartridge	HNGC – B	304
Auxiliary Equipment:		
HNGC Housing	HNGH – A	3

Hostile Natural Gamma Ray Sonde / Equipment Identification		
--	--	--

Hostile Natural Gamma Ray Sonde / Equipment Identification

Primary Equipment:

HNGS Sonde

HNGS – BA

99

Auxiliary Equipment:

HNGS Sonde Housing

HNSH – BA

102



Gamma Source Radioactive

GSR – U



6098




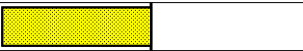

Hostile Natural Gamma Ray Sonde Wellsite Calibration											
Detector 1 Check											
Phase	Na 511 Peak Loc		Value	Phase	Na 511 Peak Res %		Value	Phase	High Voltage V		Value
Master	<div><div></div></div>		39.25	Master	<div><div></div></div>		16.53	Master	<div><div></div></div>		1197
Before	<div><div></div></div>		39.64	Before	<div><div></div></div>		14.84	Before	<div><div></div></div>		1168
37.50 (Minimum)			40.00 (Nominal)	43.50 (Maximum)			12.00 (Minimum)	15.50 (Nominal)	19.00 (Maximum)		
Phase	Na 1785 Peak Loc		Value	Phase	Na 1785 Peak Res %		Value	Phase	Temperature DEGC		Value
Master	<div><div></div></div>		141.8	Master	<div><div></div></div>		8.905	Master	<div><div></div></div>		26.59
Before	<div><div></div></div>		143.3	Before	<div><div></div></div>		7.709	Before	<div><div></div></div>		11.69
135.0 (Minimum)			142.6 (Nominal)	150.3 (Maximum)			7.000 (Minimum)	8.500 (Nominal)	11.00 (Maximum)		
-28.89 (Minimum)			15.50 (Nominal)	60.00 (Maximum)							
Phase	Na Count Rate CPS		Value								
Master	<div><div></div></div>		12.01								
Before	<div><div></div></div>		12.89								
10.00 (Minimum)			45.00 (Nominal)								
Master: 2-May-2021 10:04 Before: 13-Jun-2021 9:44											

Hostile Natural Gamma Ray Sonde Wellsite Calibration											
Detector 2 Check											
Phase	Na 511 Peak Loc		Value	Phase	Na 511 Peak Res %		Value	Phase	High Voltage V		Value
Master			39.88	Master			15.29	Master			1122
Before			39.51	Before			15.27	Before			1090
37.50 (Minimum) 40.00 (Nominal) 43.50 (Maximum)				12.00 (Minimum) 15.50 (Nominal) 19.00 (Maximum)				900.0 (Minimum) 1150 (Nominal) 1600 (Maximum)			
Phase	Na 1785 Peak Loc		Value	Phase	Na 1785 Peak Res %		Value	Phase	Temperature DEGC		Value
Master			142.6	Master			8.040	Master			27.21
Before			140.8	Before			9.507	Before			12.30
135.0 (Minimum) 142.6 (Nominal) 150.3 (Maximum)				7.000 (Minimum) 8.500 (Nominal) 11.00 (Maximum)				-28.89 (Minimum) 15.50 (Nominal) 60.00 (Maximum)			
Phase	Na Count Rate CPS		Value								
Master			12.32								
Before			13.60								
10.00 (Minimum) 45.00 (Nominal) 100.0 (Maximum)											
Master: 2-May-2021 10:04				Before: 13-Jun-2021 9:44							

Hostile Natural Gamma Ray Sonde Wellsite Calibration		
Ratio Of Detector 1 To Detector 2		
Phase	Coincidence Count Rate Ratio	Value
Master		0.9728
Before		0.9527
	0.9500 (Minimum)	1.000 (Nominal)
		1.050 (Maximum)
Master: 2-May-2021 10:04		
Before: 13-Jun-2021 9:44		

Hostile Natural Gamma Ray Sonde Master Calibration														
Detector 1 Calibration														
Phase	Na 511 Peak Set Point			Value	Phase	Th Peak Loc			Value	Phase	Th Peak Res %			Value
Master				41.00	Master				209.6	Master				6.625
	38.00 (Minimum)	40.00 (Nominal)	43.00 (Maximum)		201.0 (Minimum)	209.6 (Nominal)	218.3 (Maximum)			5.000 (Minimum)	7.000 (Nominal)	9.000 (Maximum)		

Phase	Background Count Rate CPS		Value	Phase	Gain Ratio		Value
Master			17.82	Master			1.015
	10.00 (Minimum)	142.5 (Nominal)	265.0 (Maximum)		0.9400 (Minimum)	1.000 (Nominal)	1.060 (Maximum)
Master: 2-May-2021 10:00							

Hostile Natural Gamma Ray Sonde Master Calibration														
Detector 2 Calibration														
Phase	Na 511 Peak Set Point			Value	Phase	Th Peak Loc			Value	Phase	Th Peak Res %			Value
Master				41.00	Master				208.8	Master				7.662
	38.00 (Minimum)	40.00 (Nominal)	43.00 (Maximum)		201.0 (Minimum)	209.6 (Nominal)	218.3 (Maximum)			5.000 (Minimum)	7.000 (Nominal)	9.000 (Maximum)		
Phase	Background Count Rate CPS			Value	Phase	Gain Ratio			Value					
Master				16.78	Master				0.9961					
	10.00 (Minimum)	142.5 (Nominal)	265.0 (Maximum)		0.9400 (Minimum)	1.000 (Nominal)	1.060 (Maximum)							
Master: 2-May-2021 10:00														

DTS Telemetry Tool / Equipment Identification		
Primary Equipment:		
DTC-H Auxiliary Cartridge	DTCH – A	8799
DTC-H Telemetry Cartridge	DTCH – A	8799
Auxiliary Equipment:		
DTCH Telemetry Cartridge Housing	ECH – KC	9842

Company:	International Ocean Discovery Program	Schlumberger
Well:	Expedition 395C, Site U1562B	
Field:	North Atlantic Mantle Convection&Climate	
Rig:	JOIDES Resolution	
Ocean:	Atlantic	
Ultrasonic Borehole Imager (UBI)		
Natural Gamma / (HNGS)		