



LOG

Well STATE BIERSTADT 4-65 35-34 2BH

Field
DJ HORIZONTAL NIOBRARA

County **ARAPAHOE** State **COLORADO**

Location

API# 05-005-07554

SE/NE

2109" FNL 600' FEL

Permanent Datum	GROUND LEVEL	Elevation	5870
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Log Measured From
KELLY BUSHING (25' A.G.L.)

Drilling Measured From

KELLY BUSHING

Other Services

NONE

10

Elevation

K.B. 5895'

G.L. 5870'

Date	25 APRIL, 2024
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Run Number ONE

Depth Driller	18490
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Depth Logger	8010
Bottom Logged Interval	8007

Top Log Interval	SURFA
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Casing Size	5.5"
Tube Fluid	WATER

Type Fluid	Water
Density / Viscosity	N/A

Max. Recorded Temp.	N/A
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Estimated Cement Top	EST CEM T
Time Wall Ready	BOA

Time Logger on Bottom	10:45
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Equipment Number	20012
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Location	SIERLING
Recorded By	ADAM GAF

Witnessed By	JOSH KLI
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Borehole Record		
Run Number	Bit	From To

Casing Record	Size
Surface String	9.625"

Prot. String		

Production String	5.5"
liner	

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Comments

LOG RAN WITH 25' K.B.

LOG RAN WITH 0 P.S.I.

EST CEM @ 300'

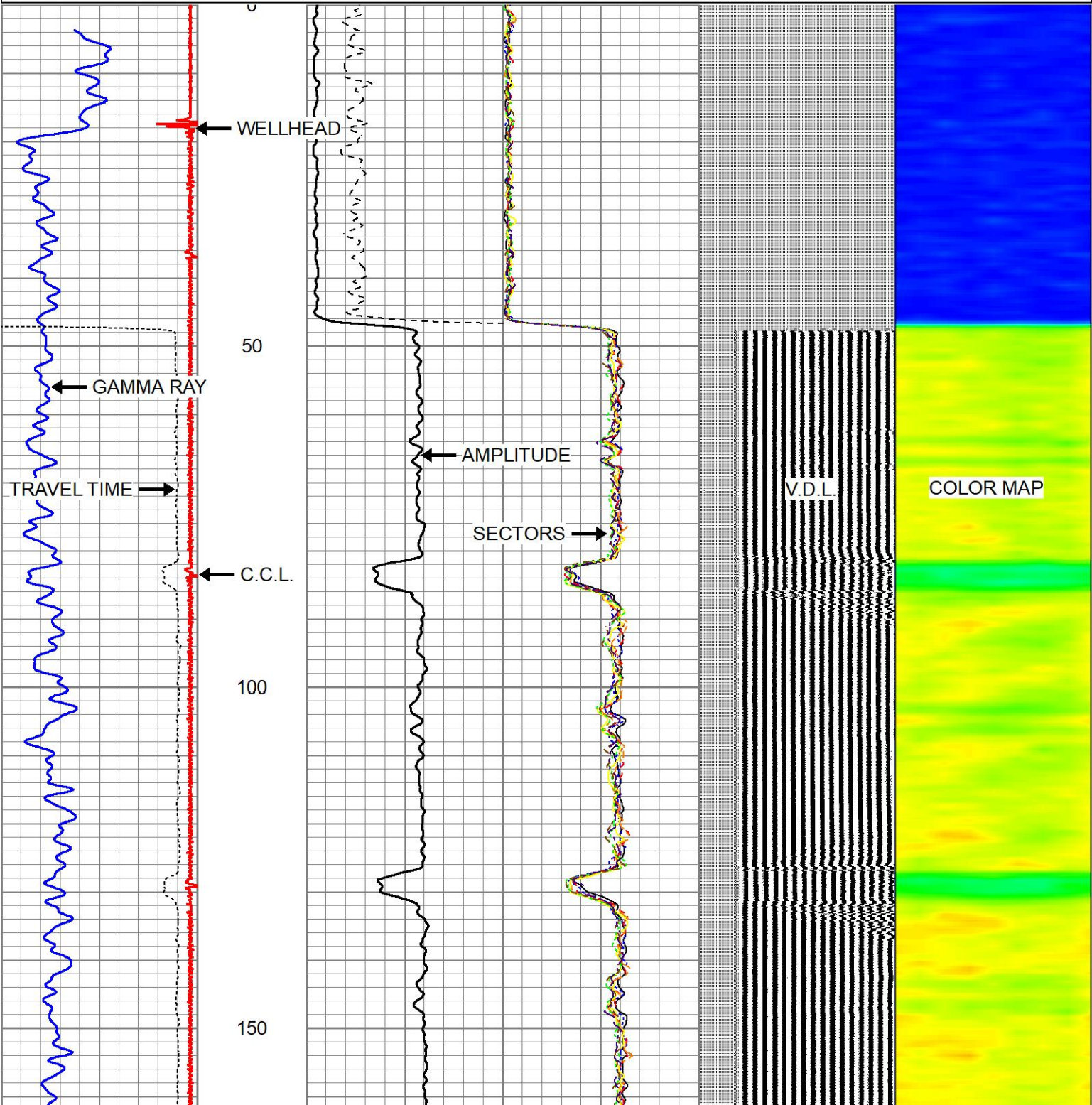
MARKER JOINT @ 7423'-7445'

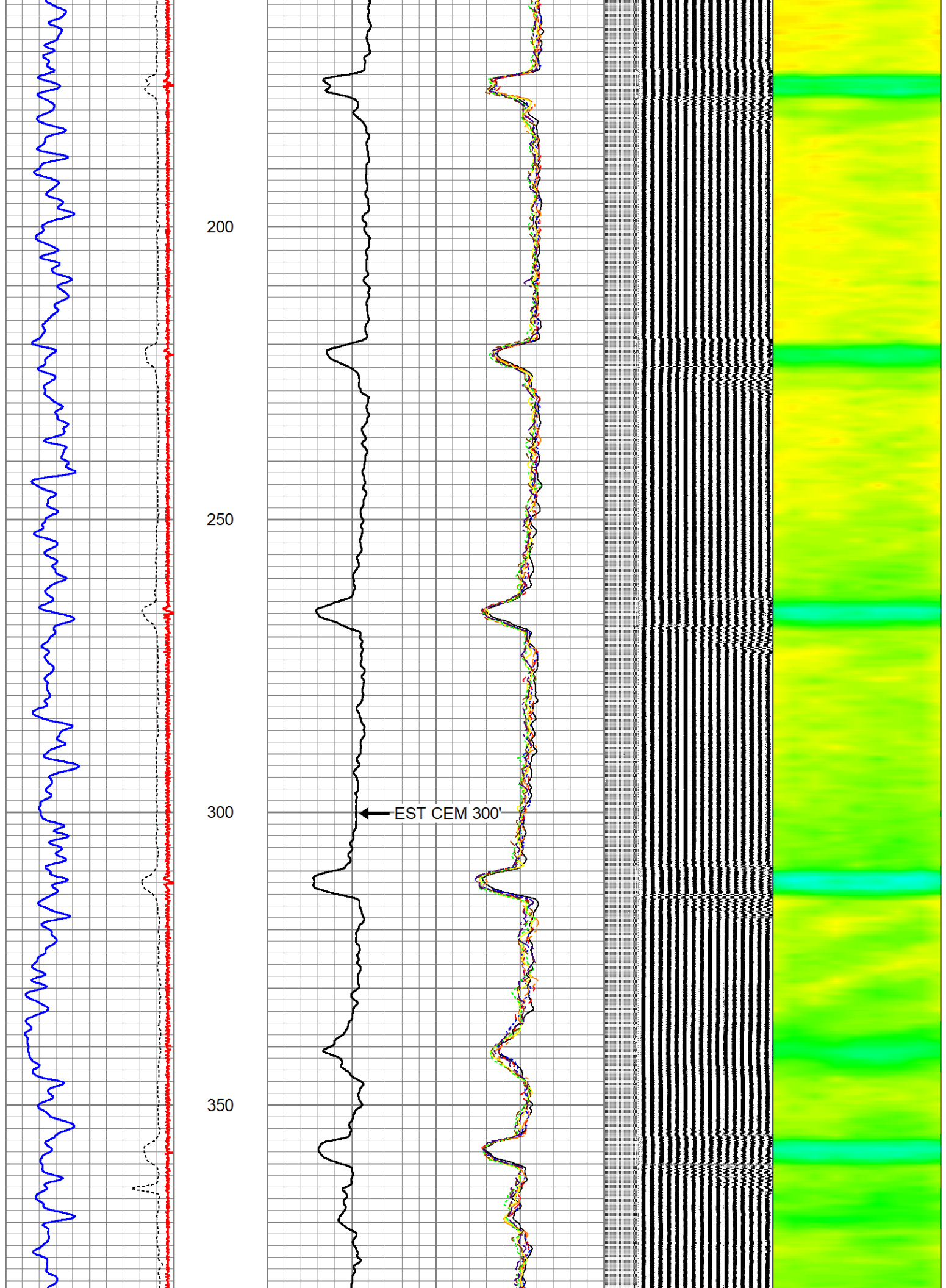
THANK YOU FOR USING NEXTTIER SOLUTIONS!!

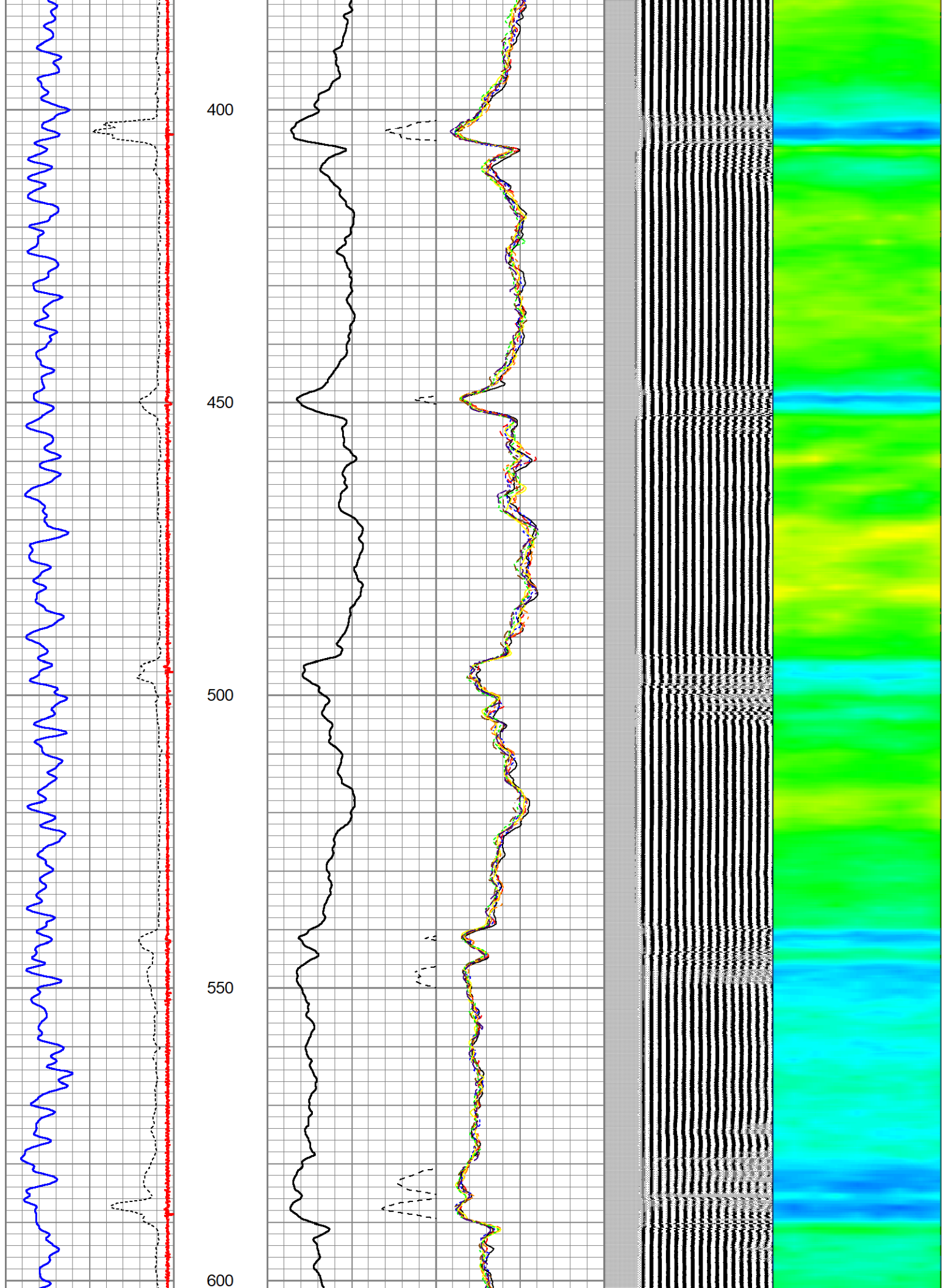


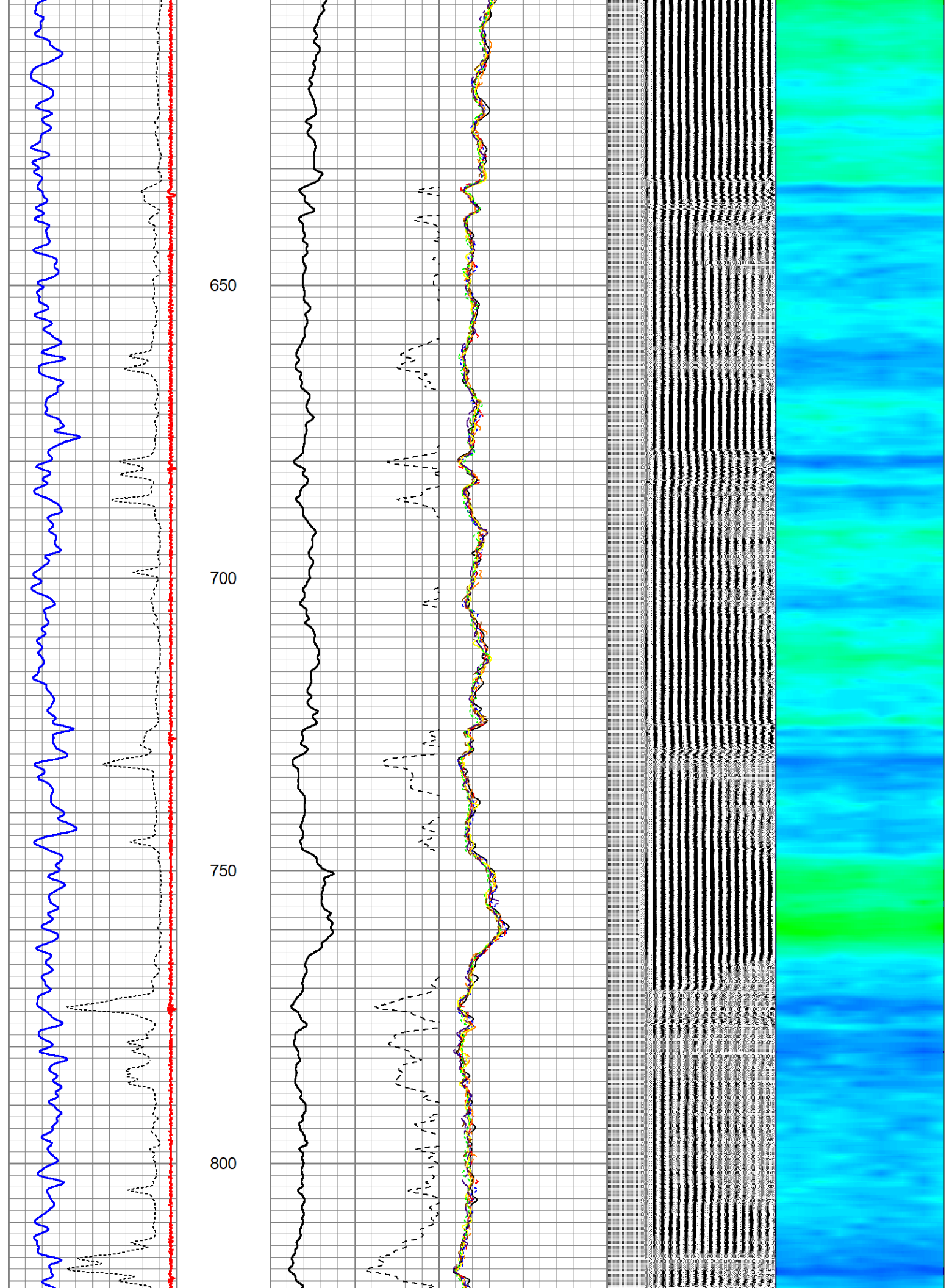
MAIN PASS

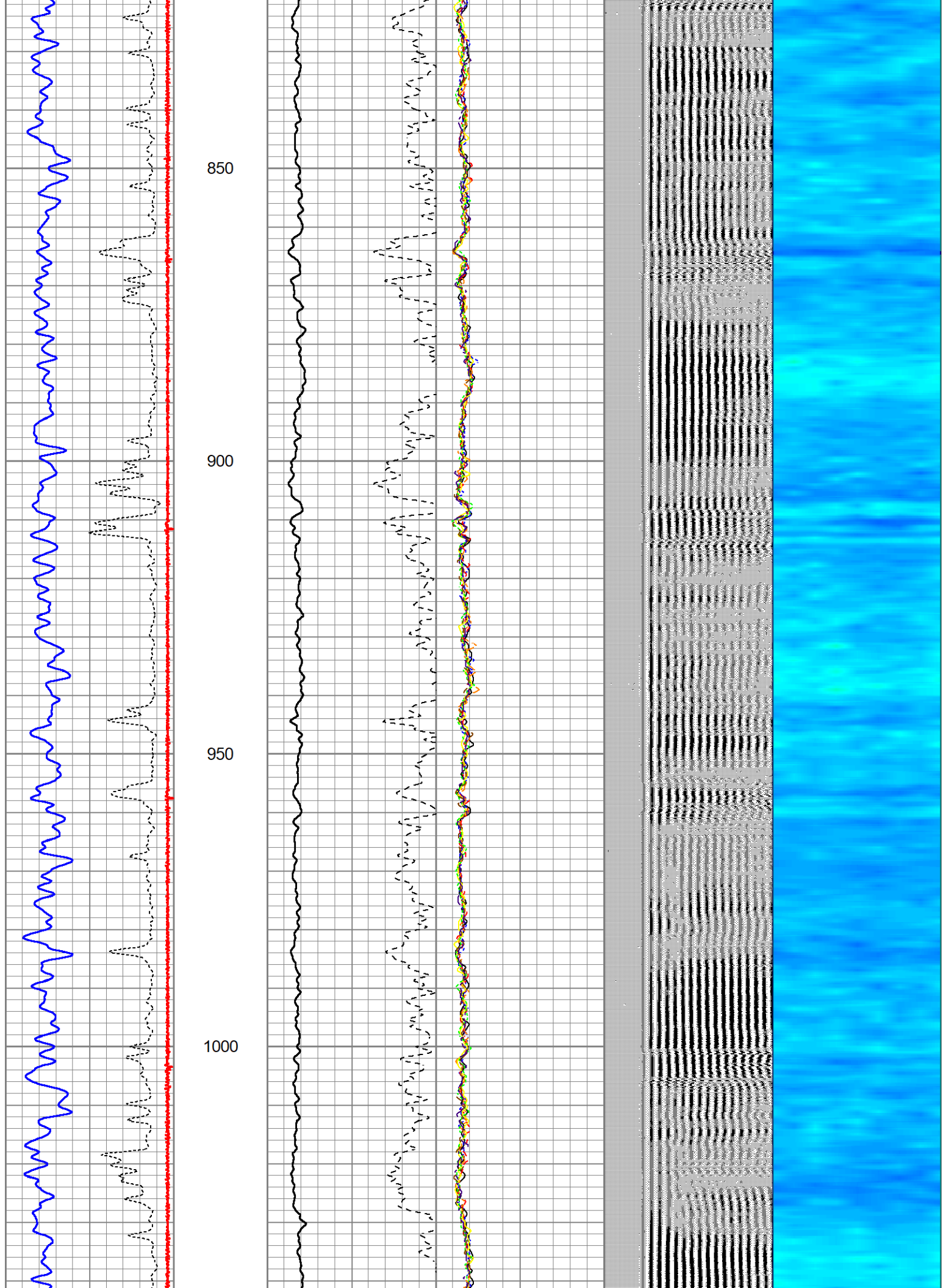
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0	GR (GAPI)	150	AMPLIFIED AMP3			0	AMPS2	100						
340	TT3 (usec)	264	0	(mV)	20	0	AMPS3	100						
						0	AMPS4	100						
						0	AMPS5	100						
						0	AMPS6	100						
						0	AMPS7	100						
						0	AMPS8	100						

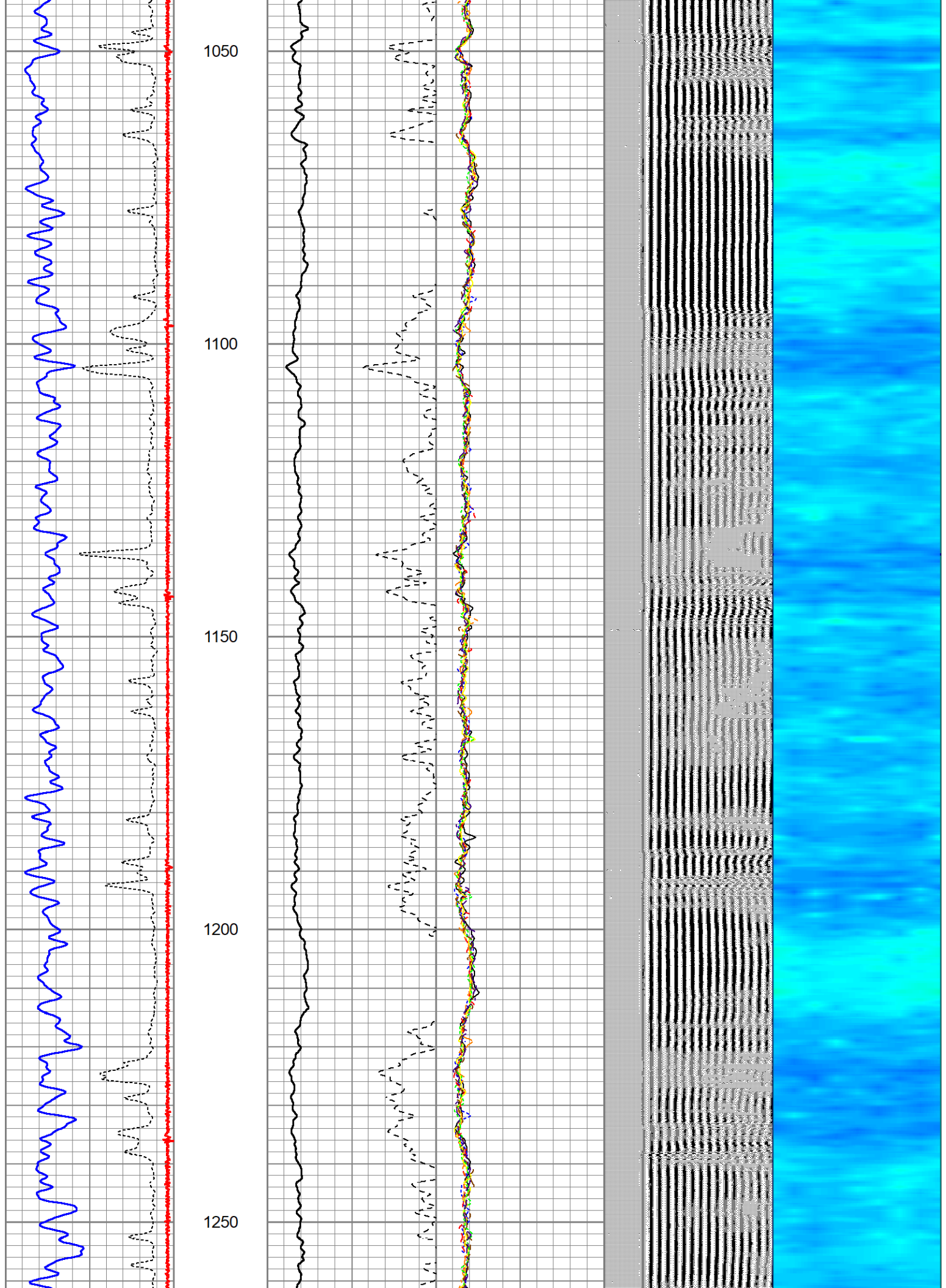


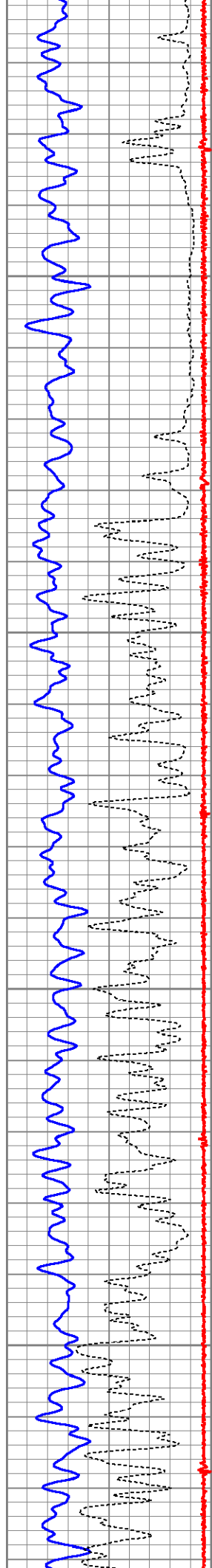










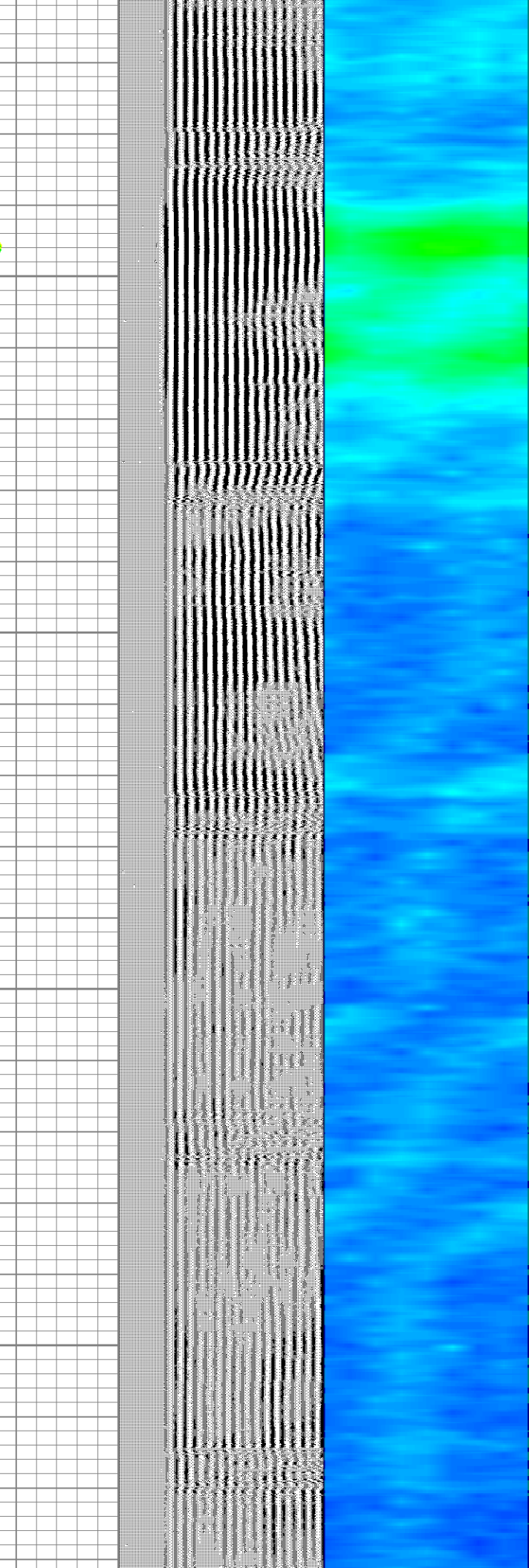
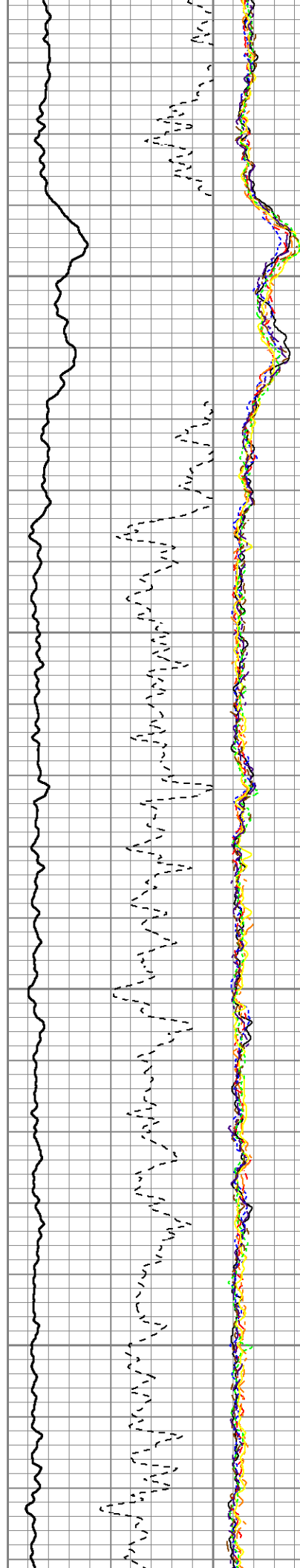


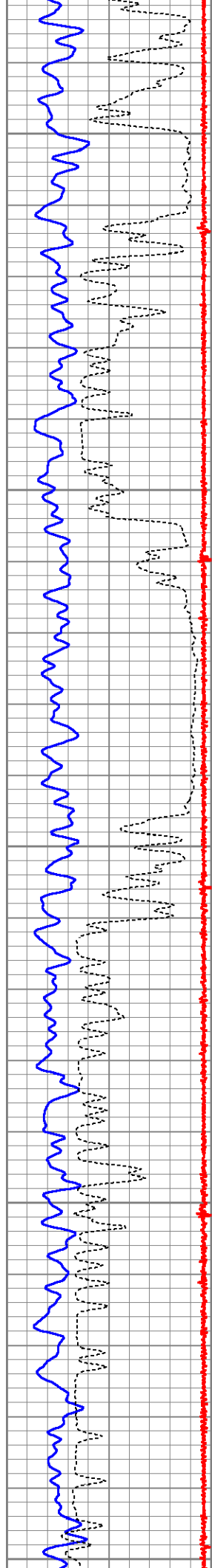
1300

1350

1400

1450





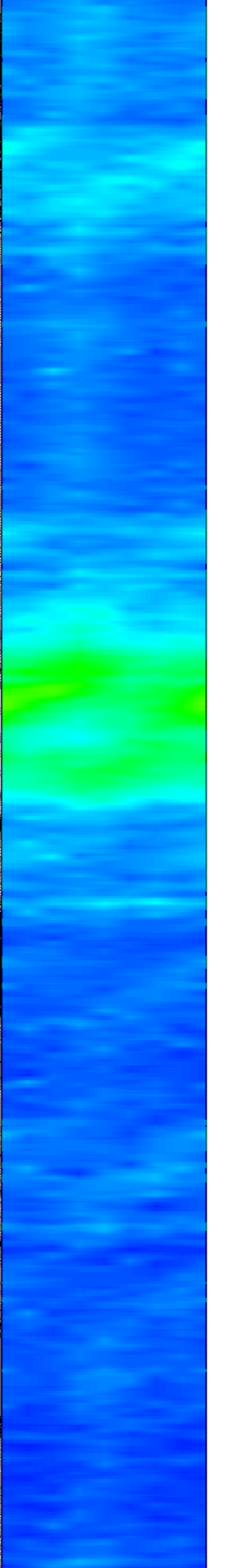
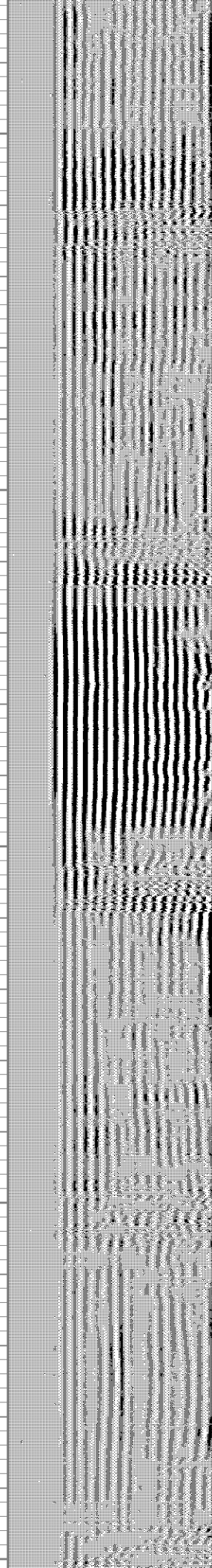
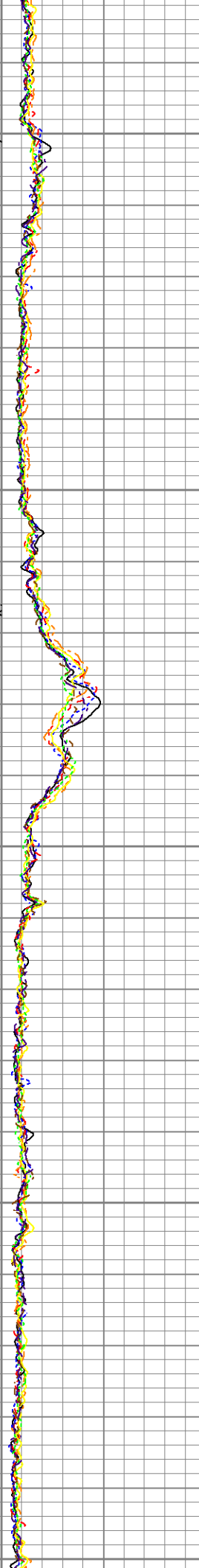
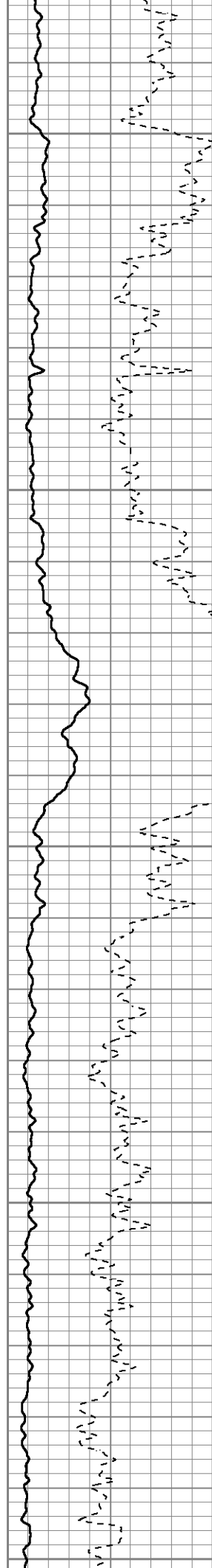
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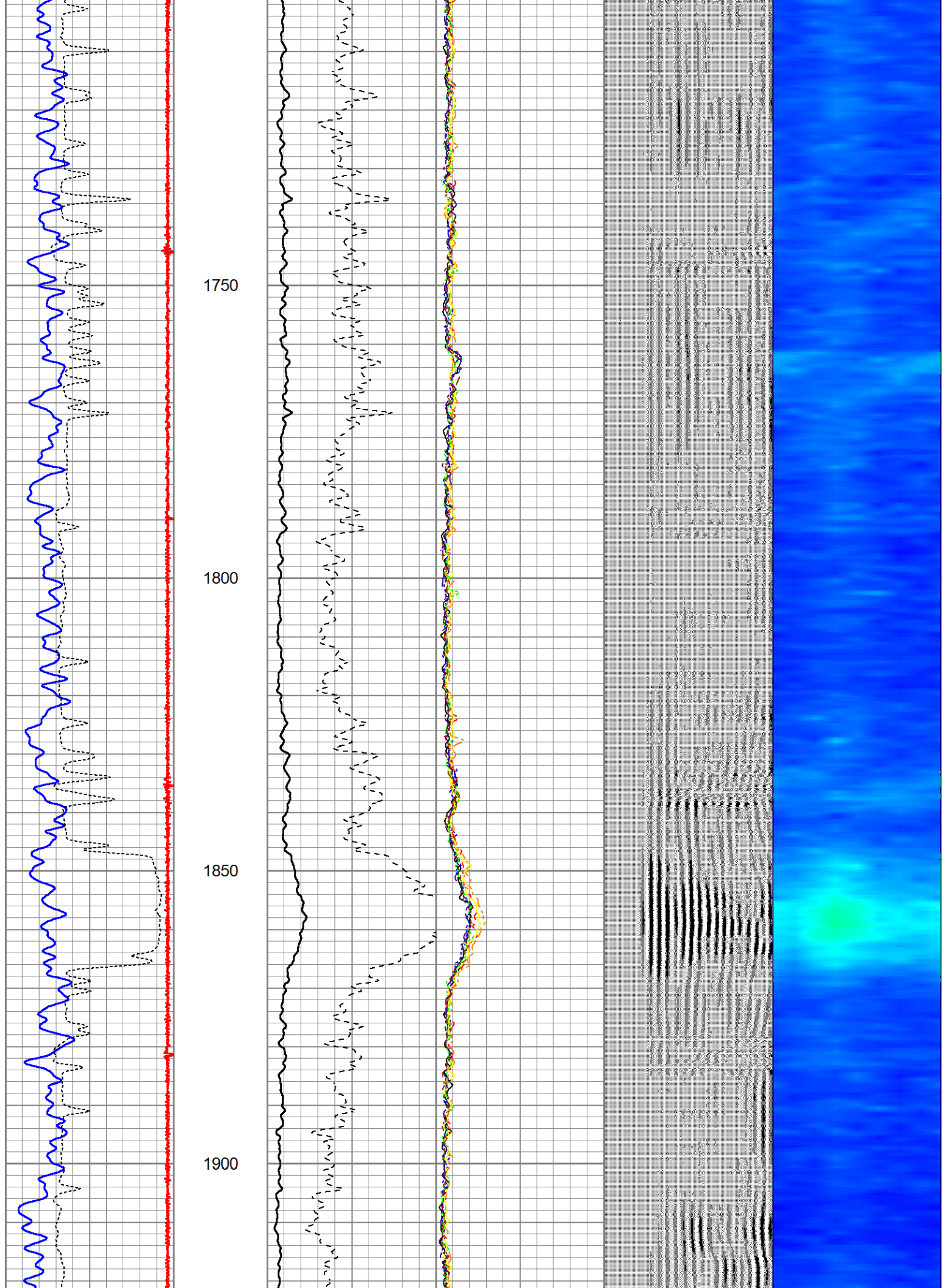
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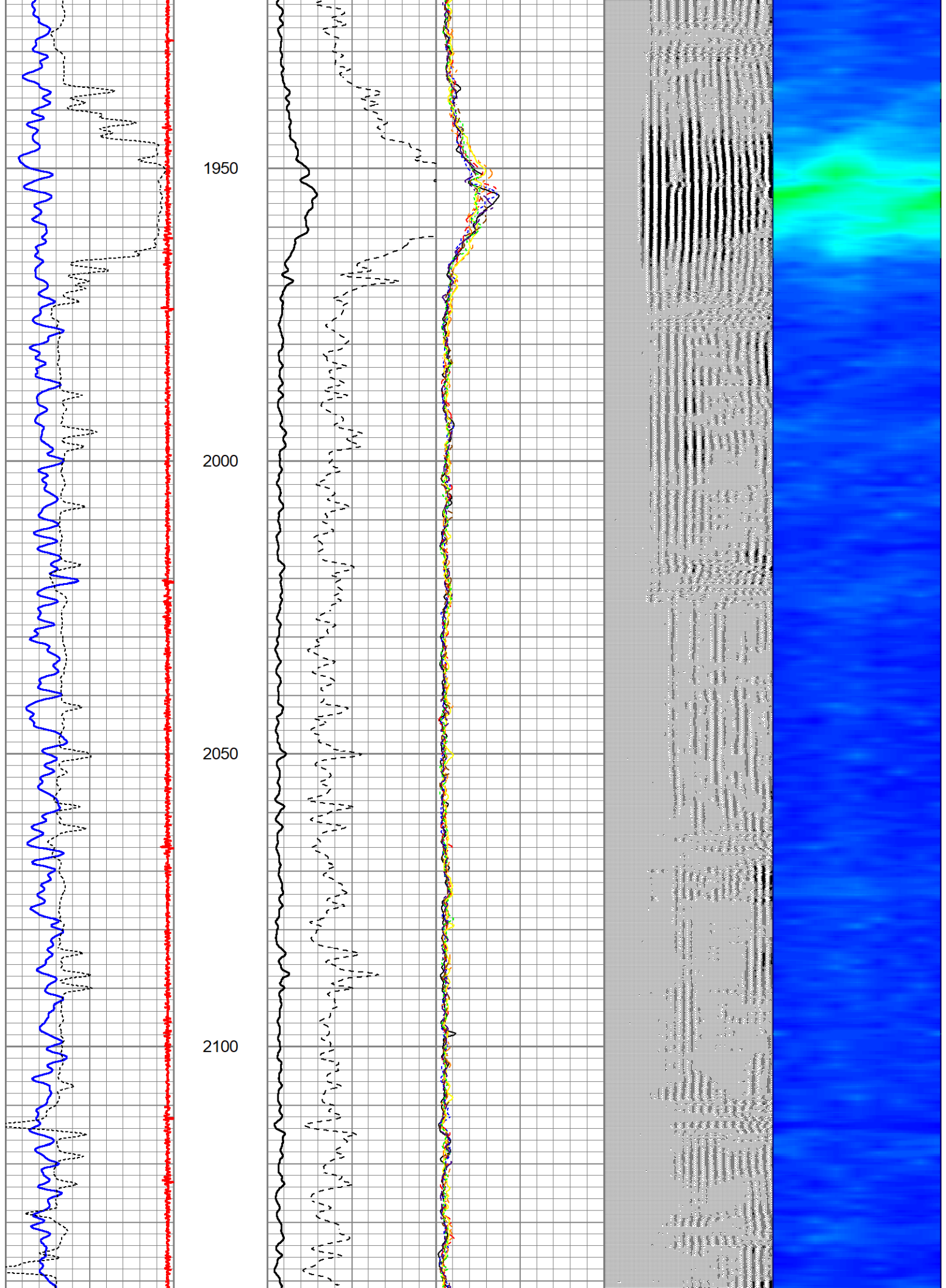
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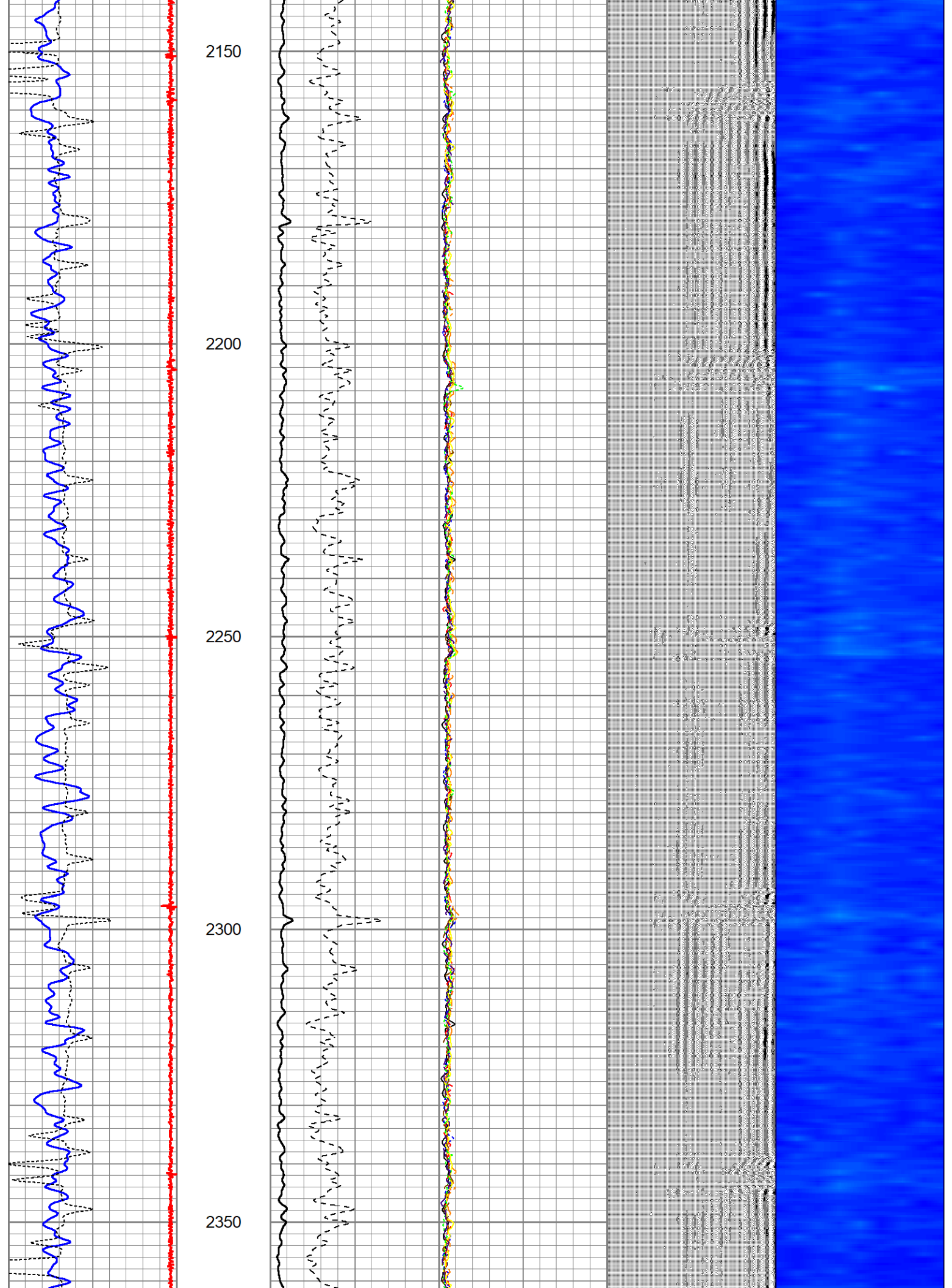
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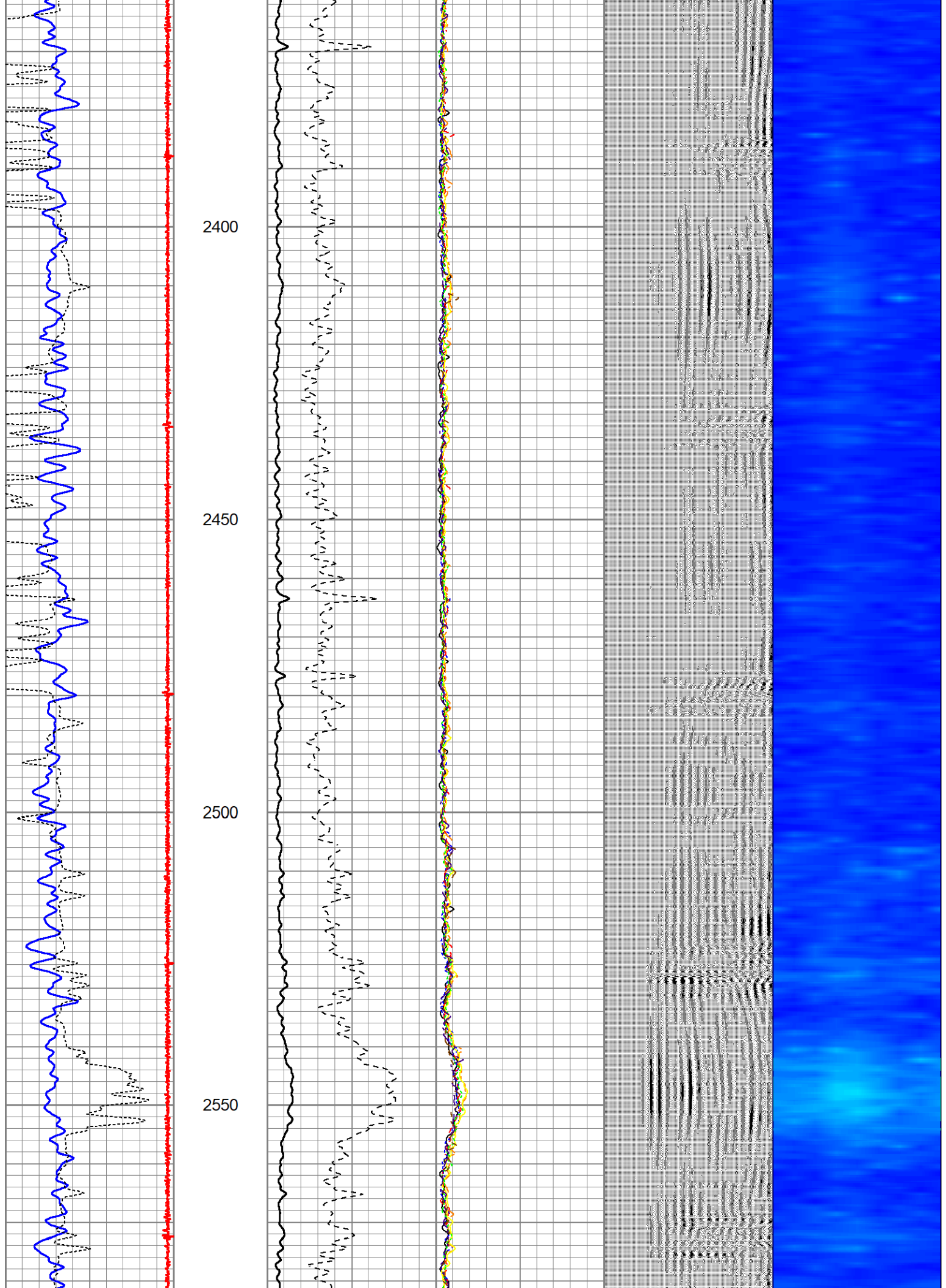
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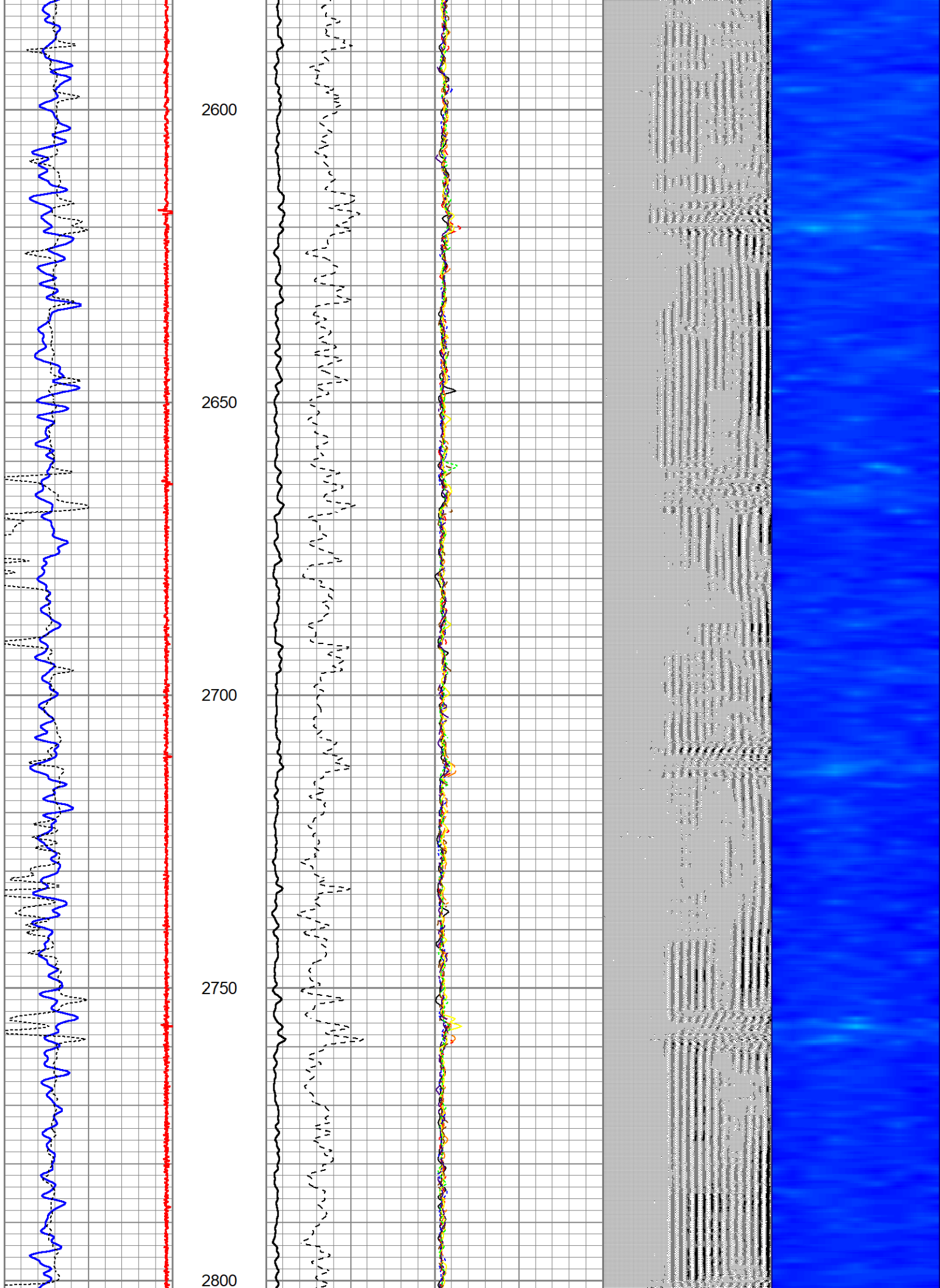


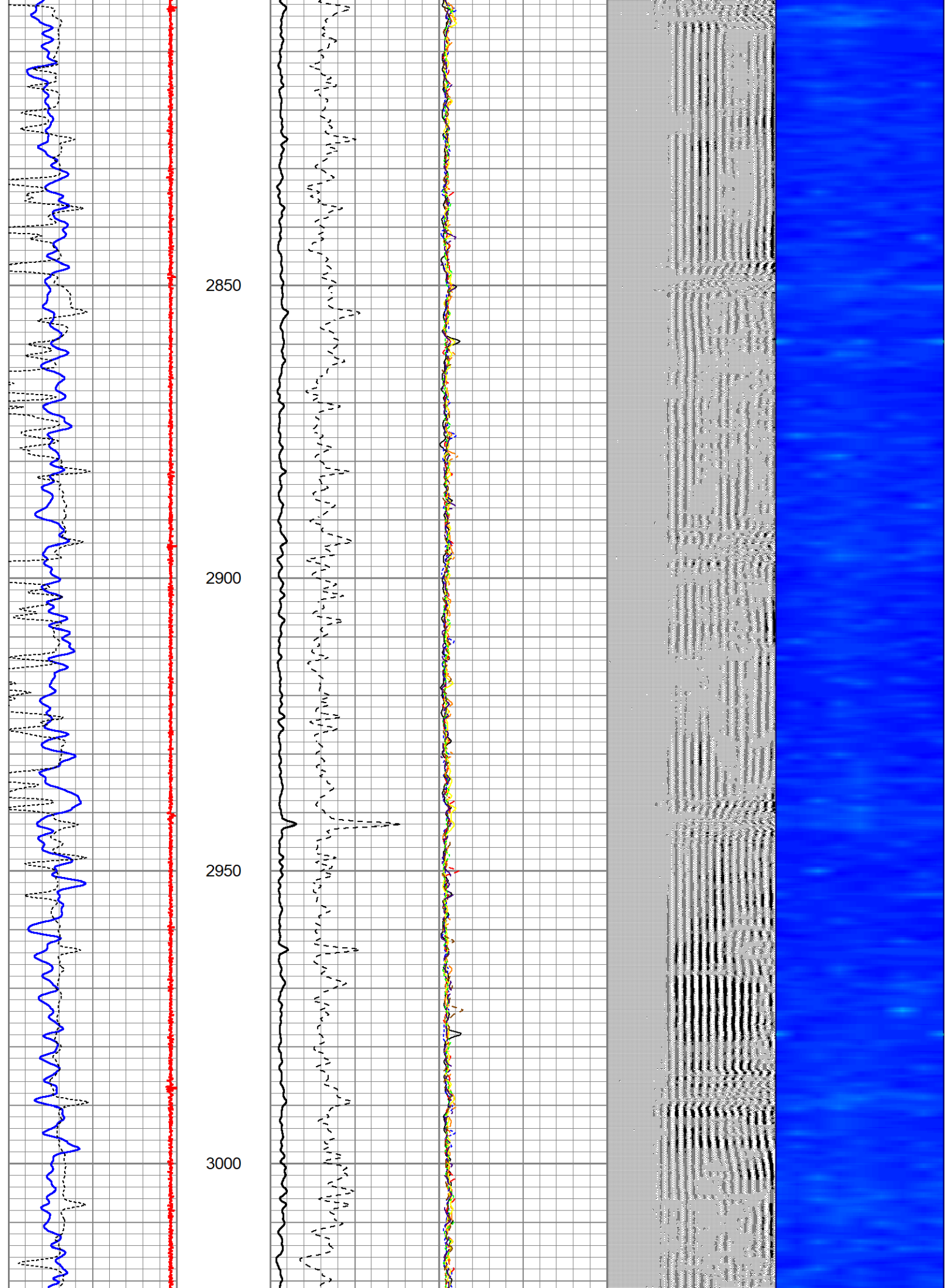


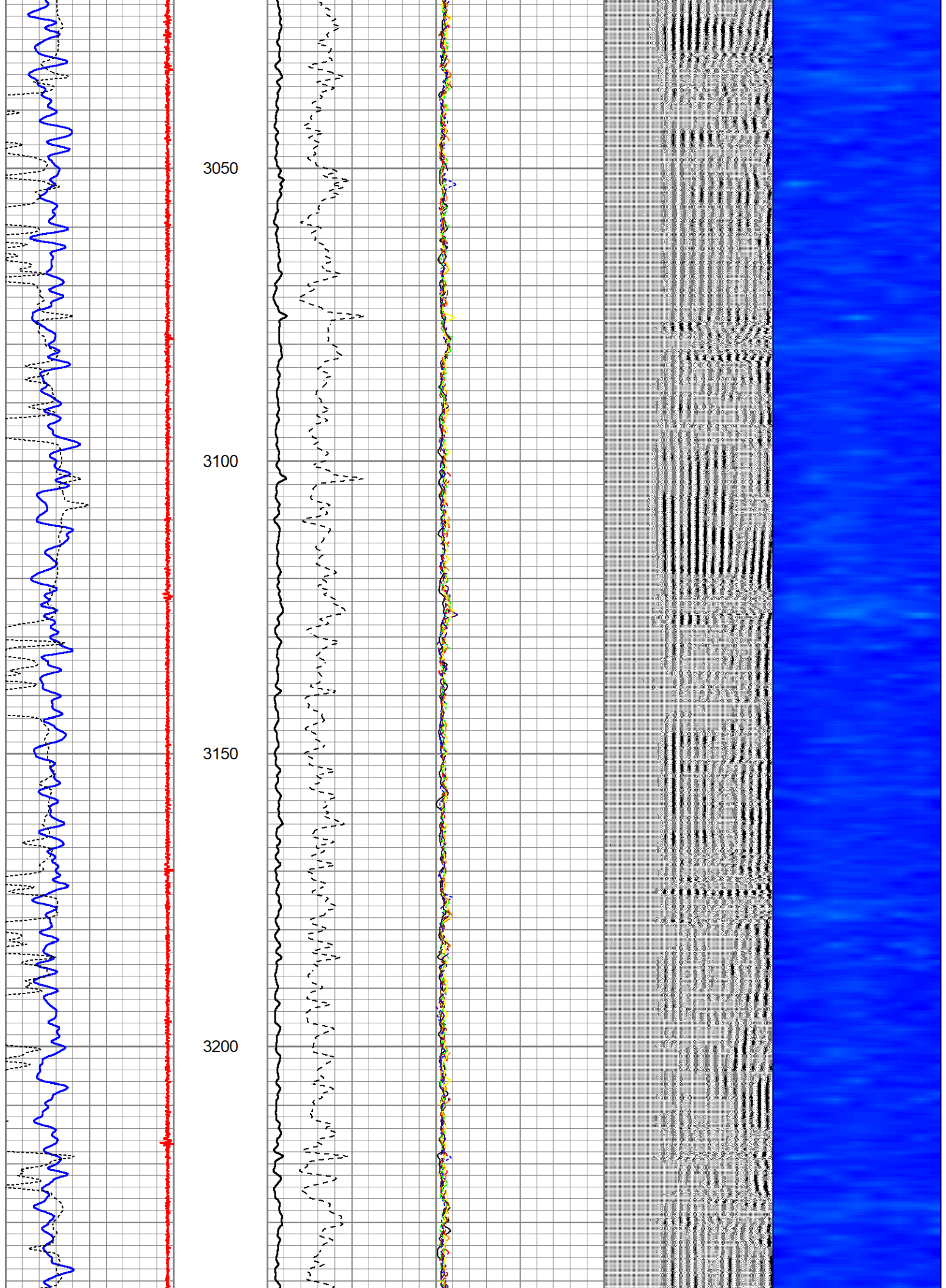


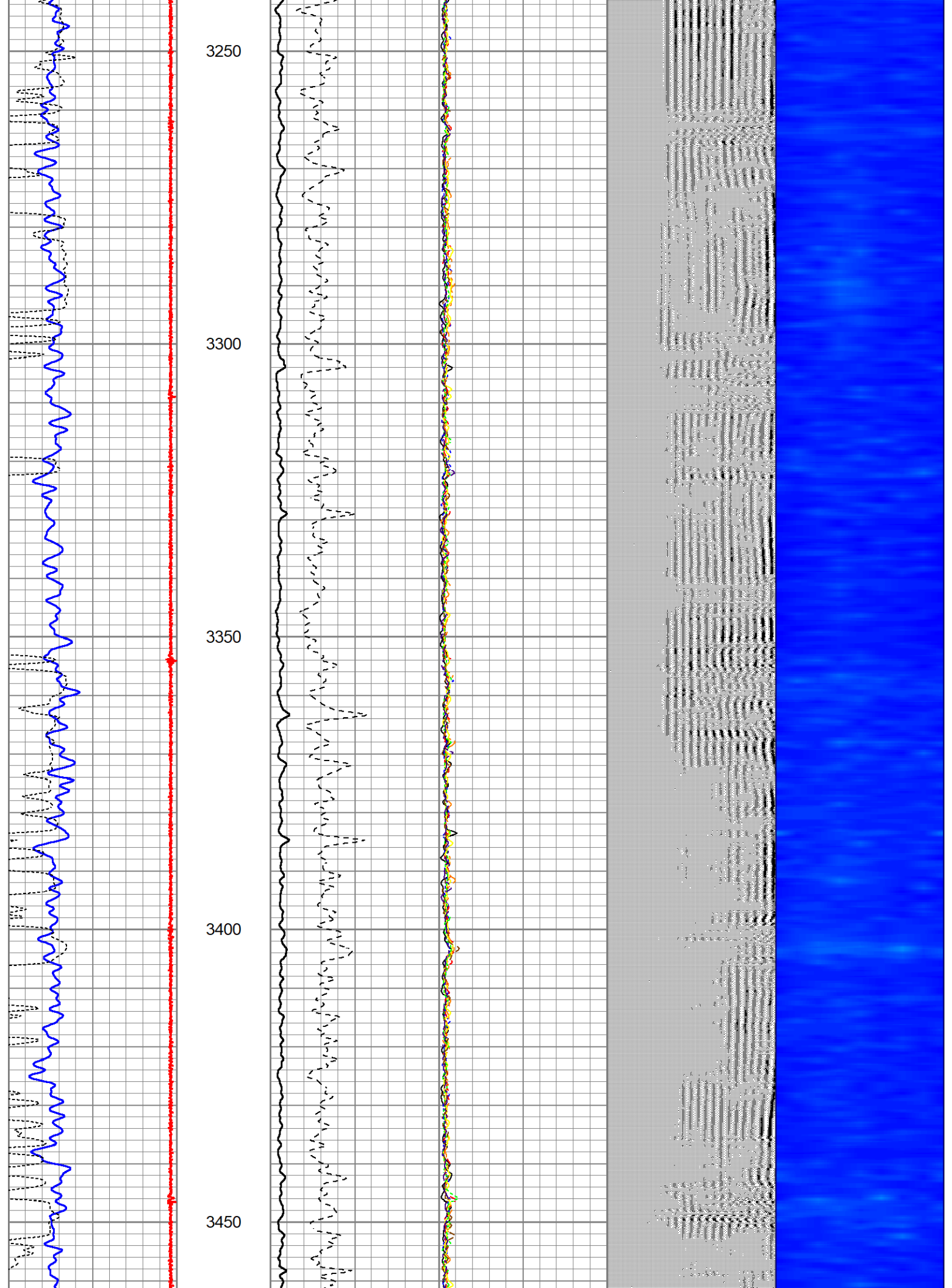


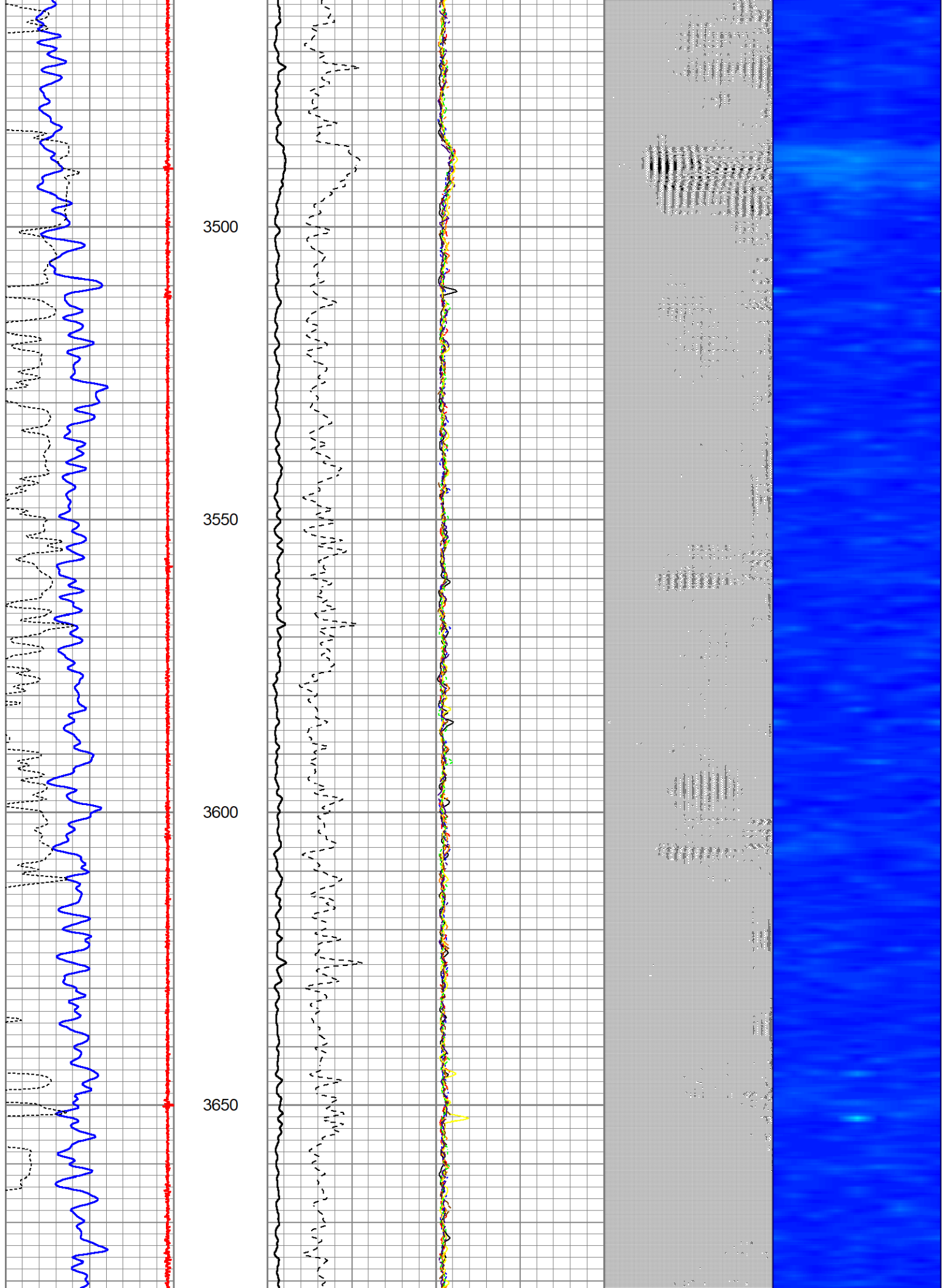


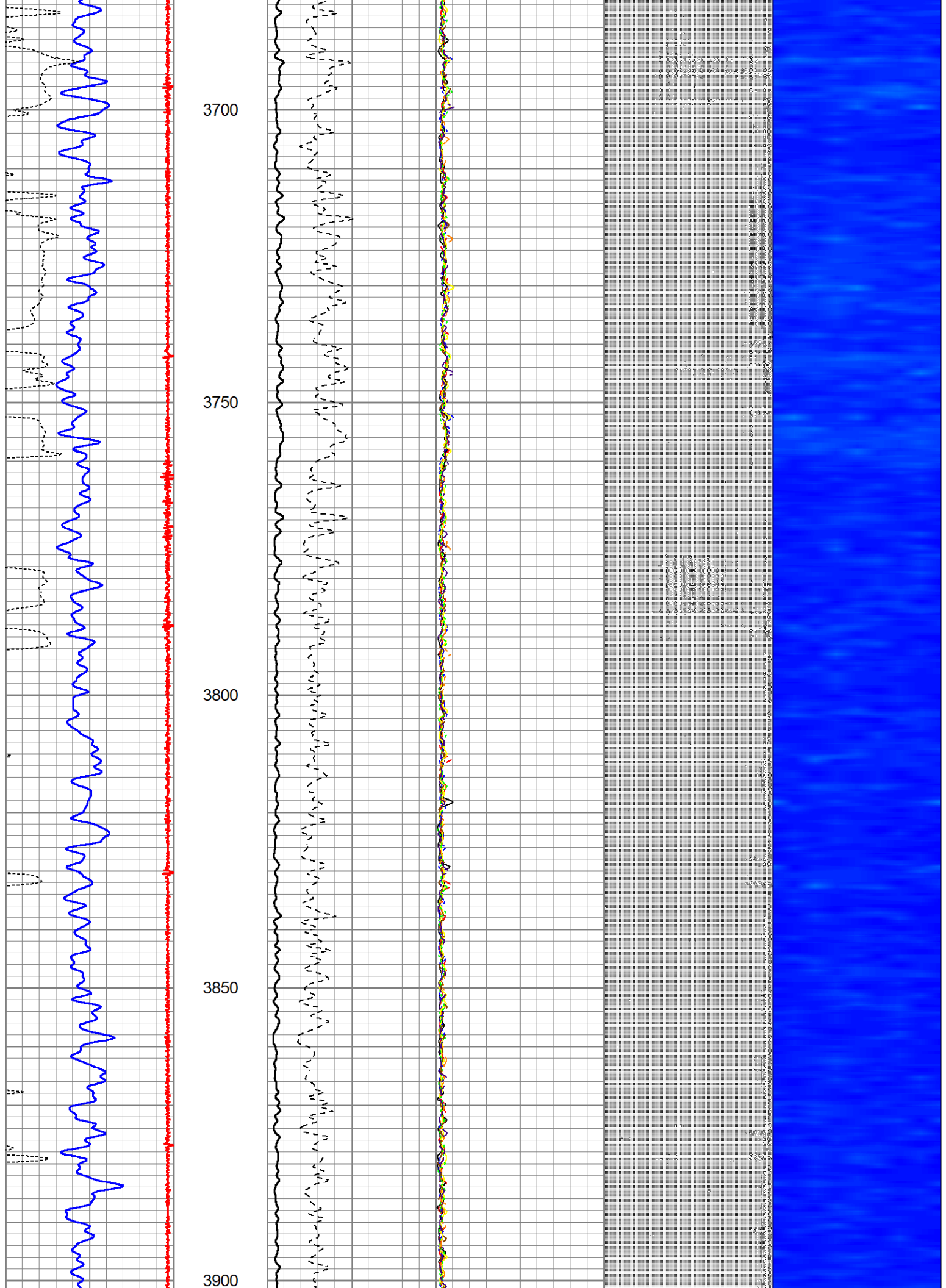


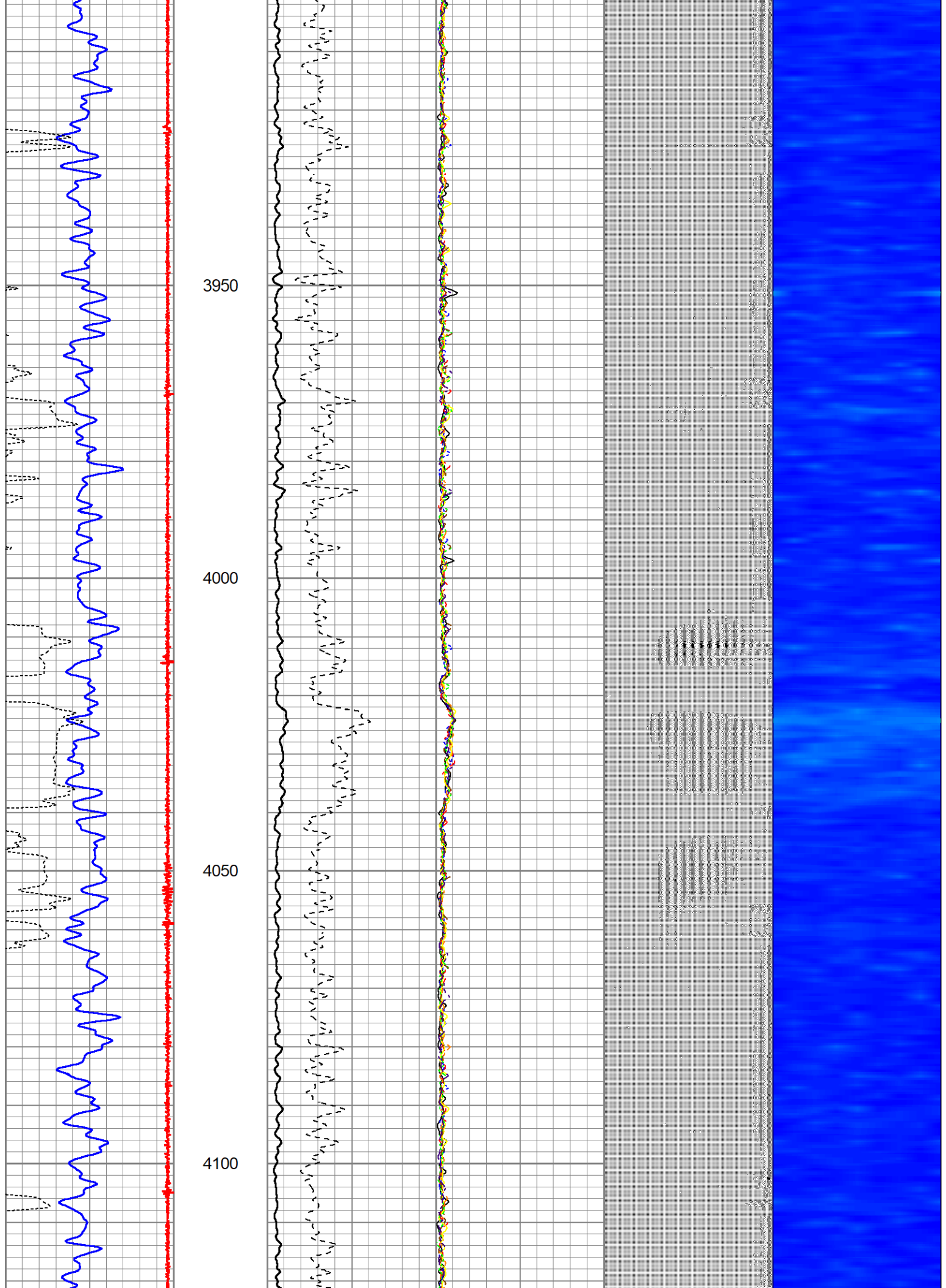


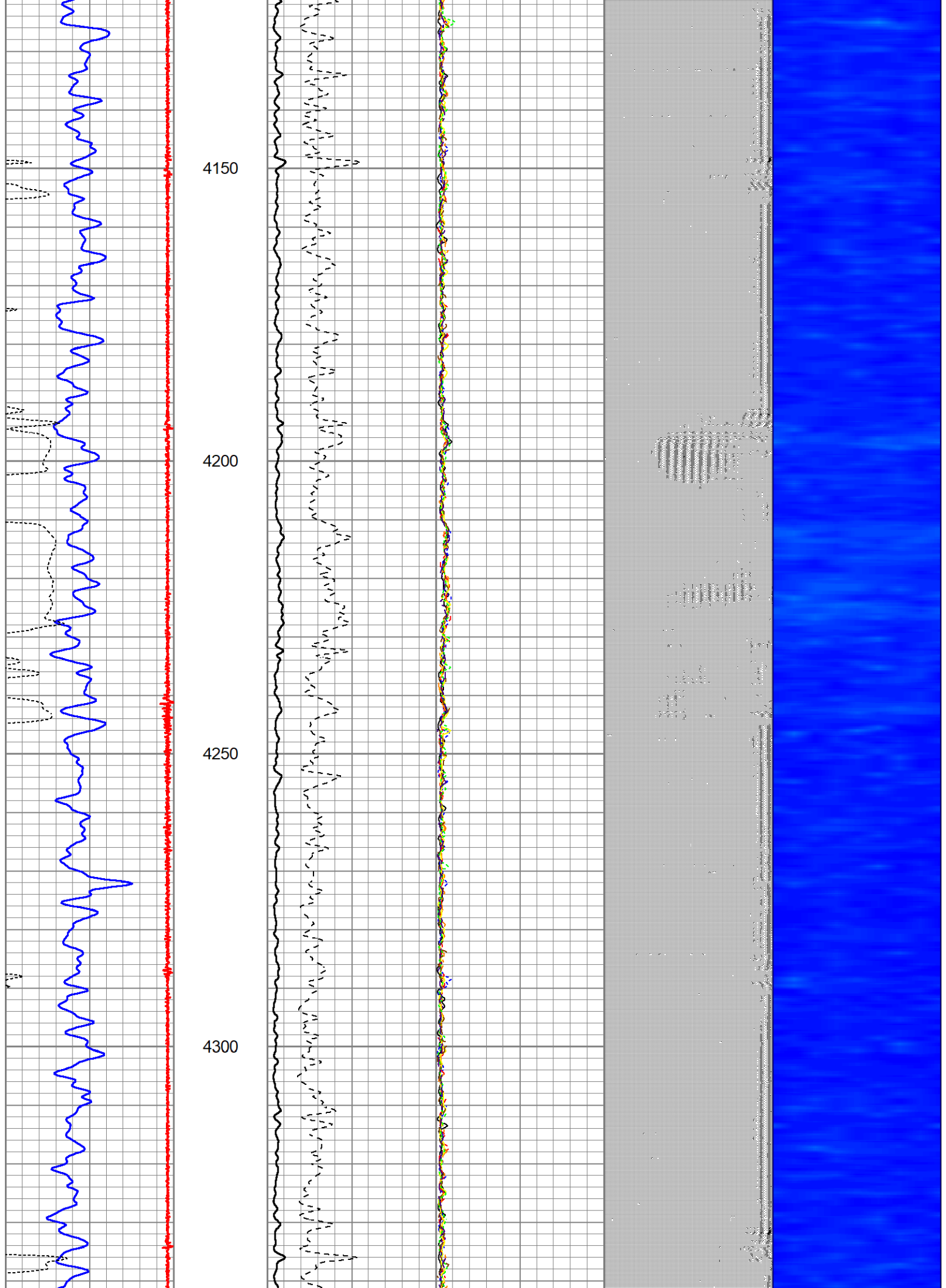


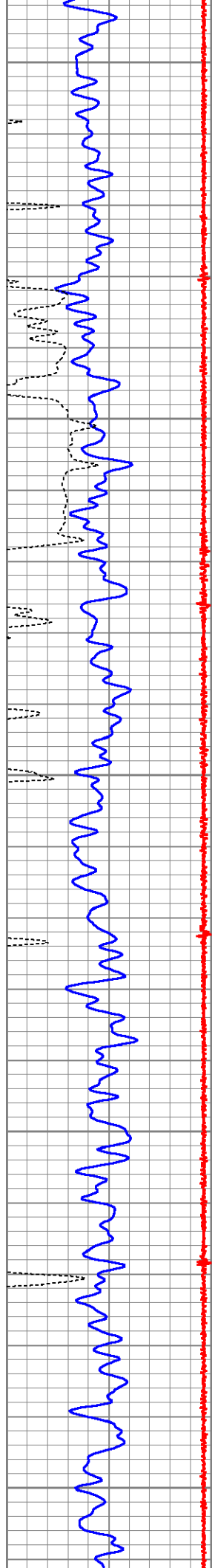












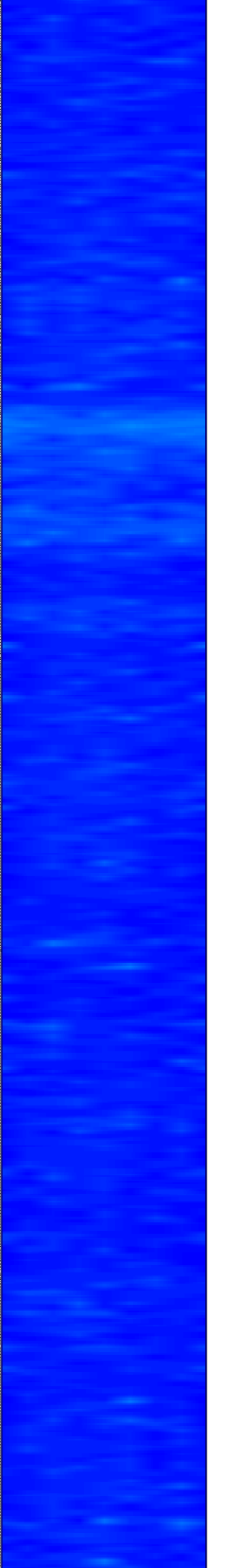
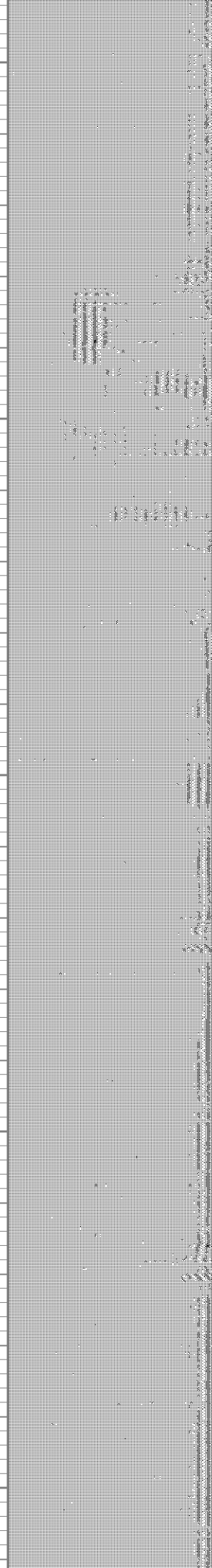
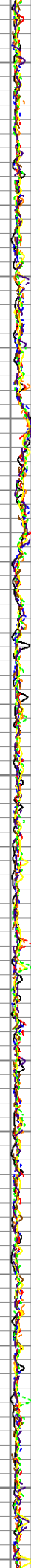
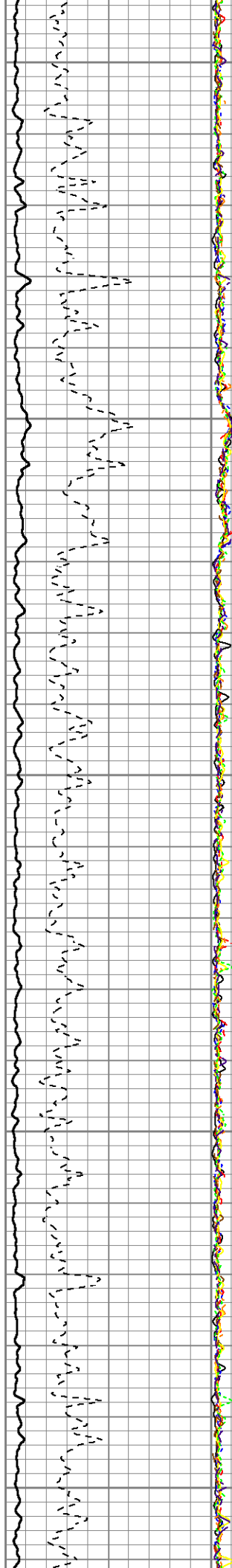
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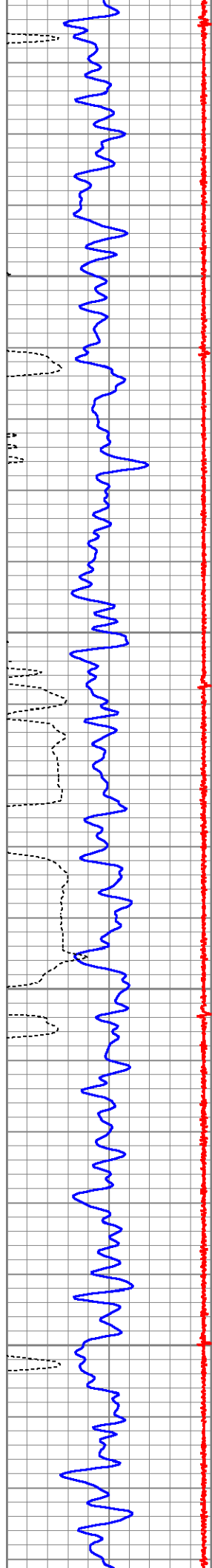
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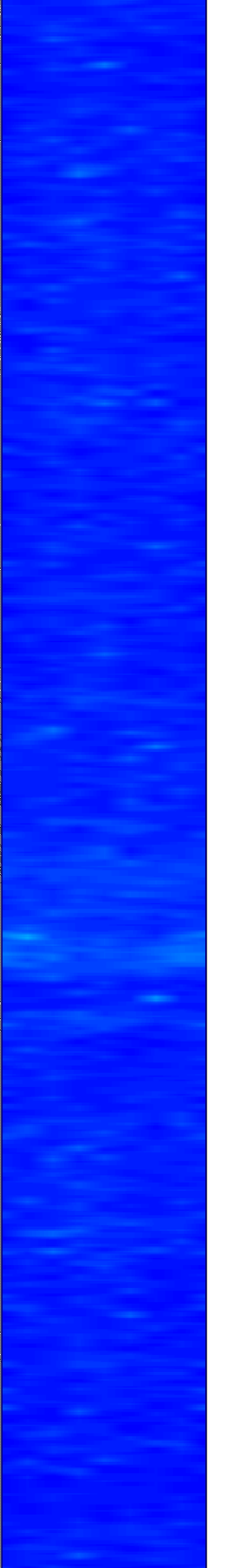
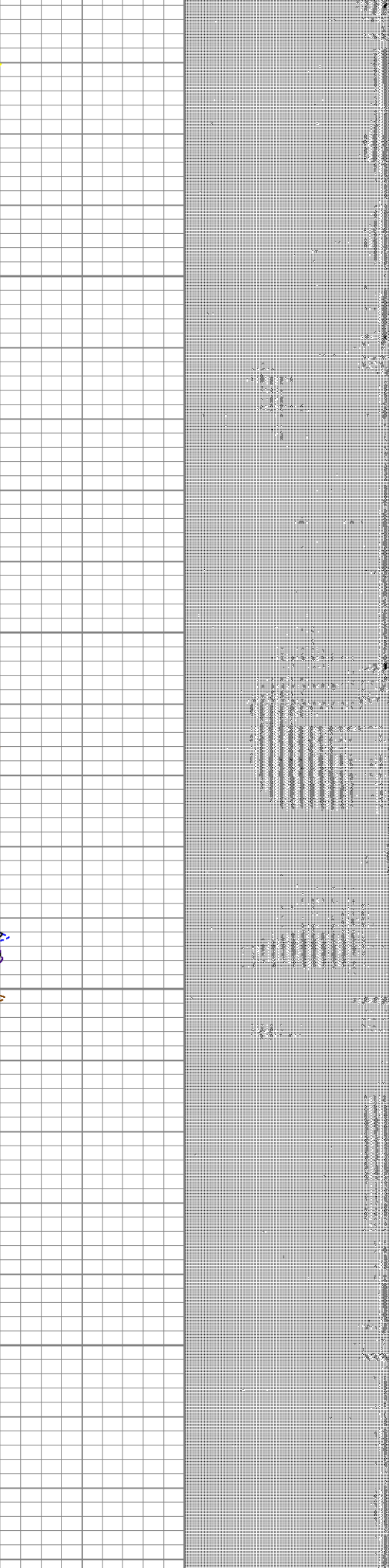
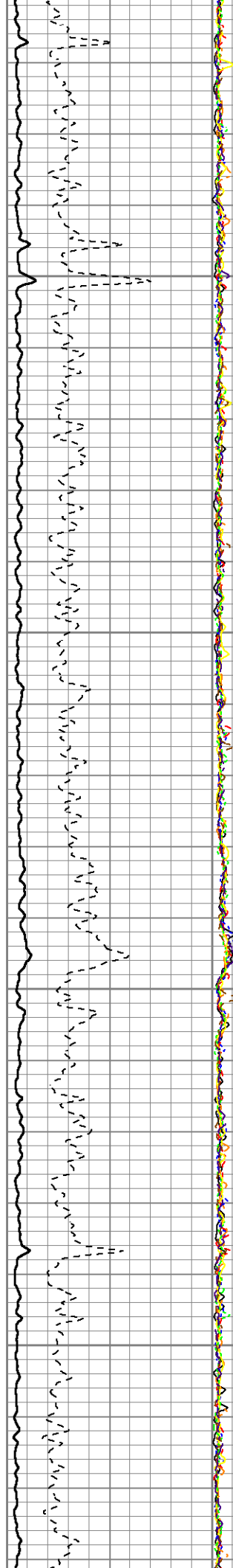


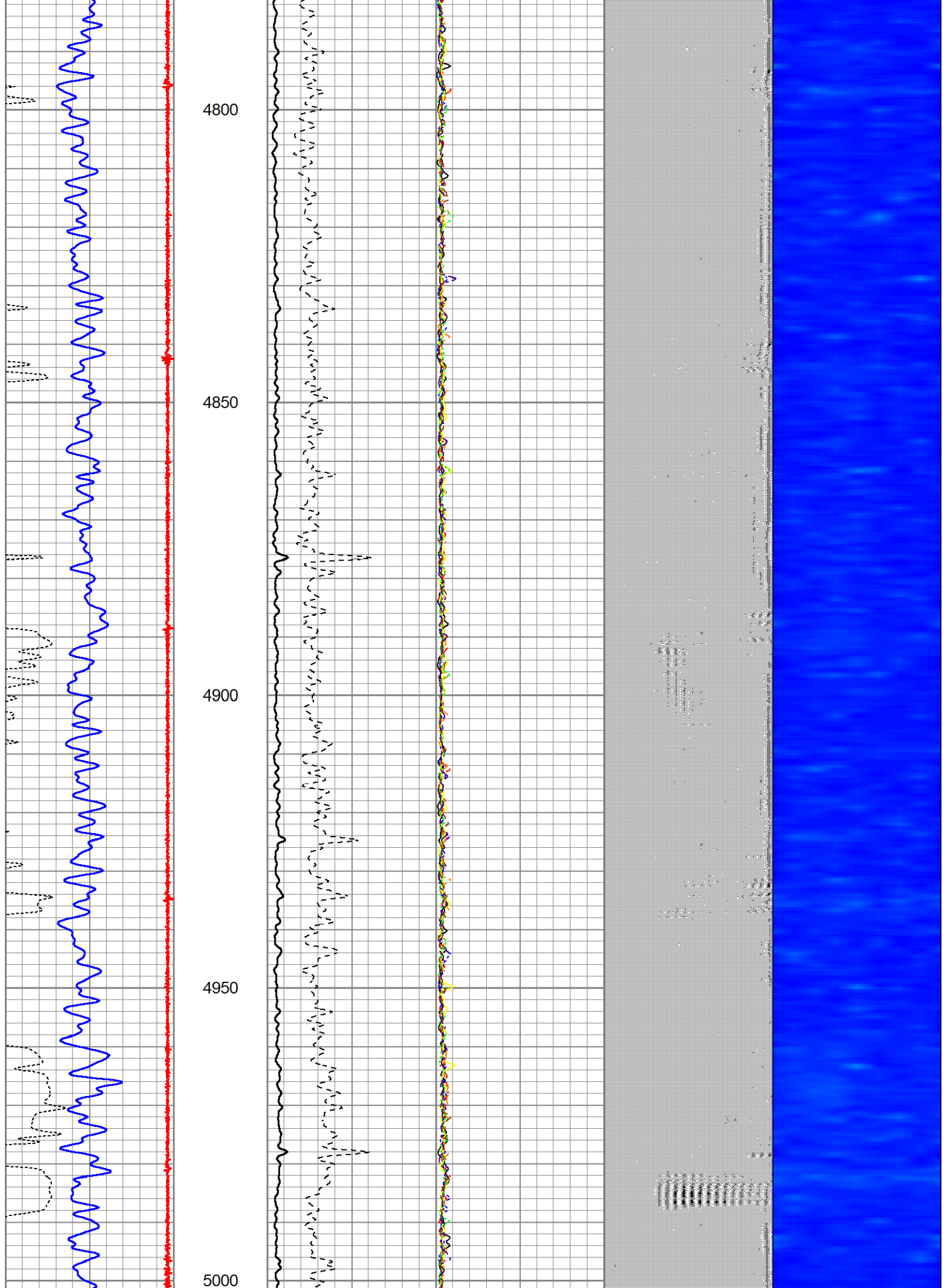
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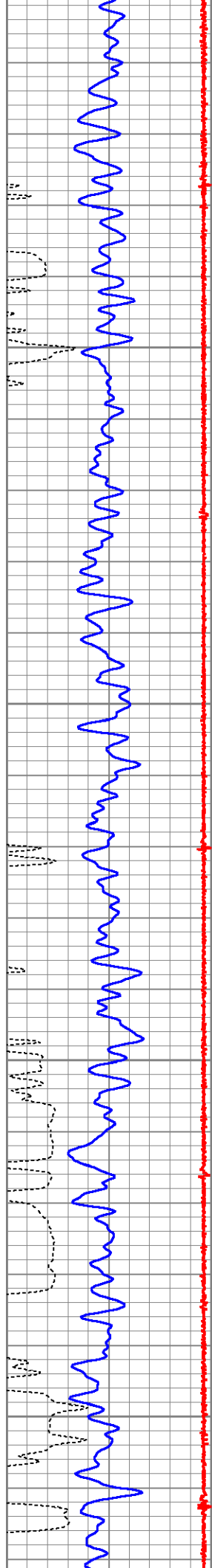
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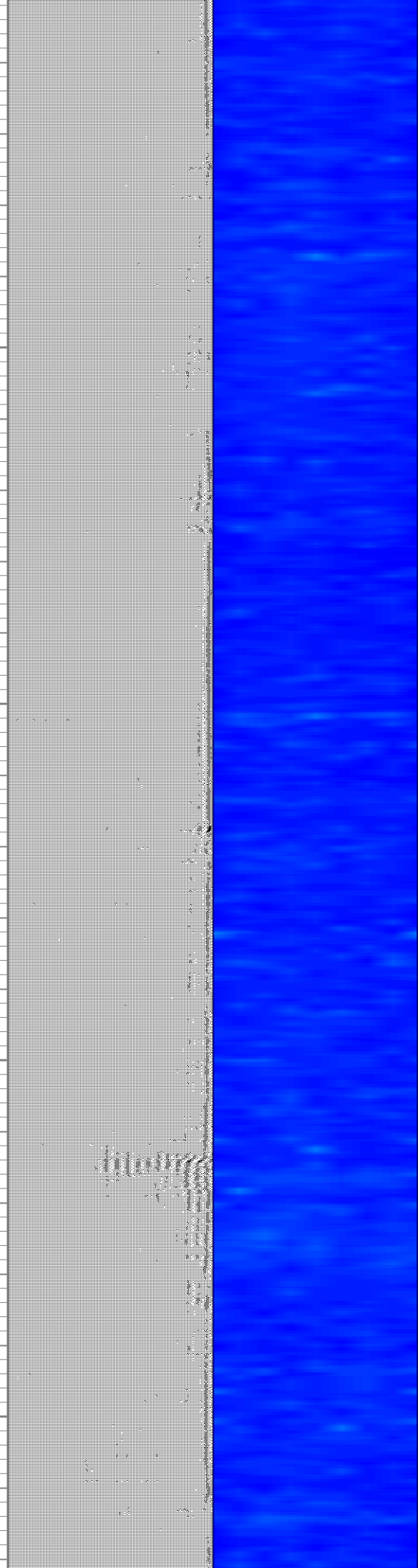
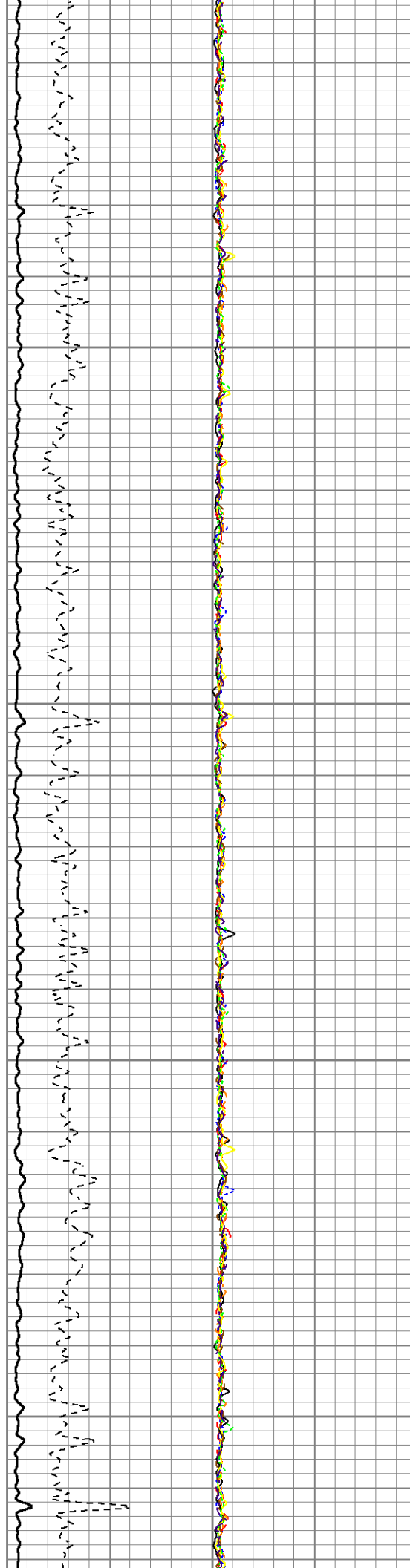


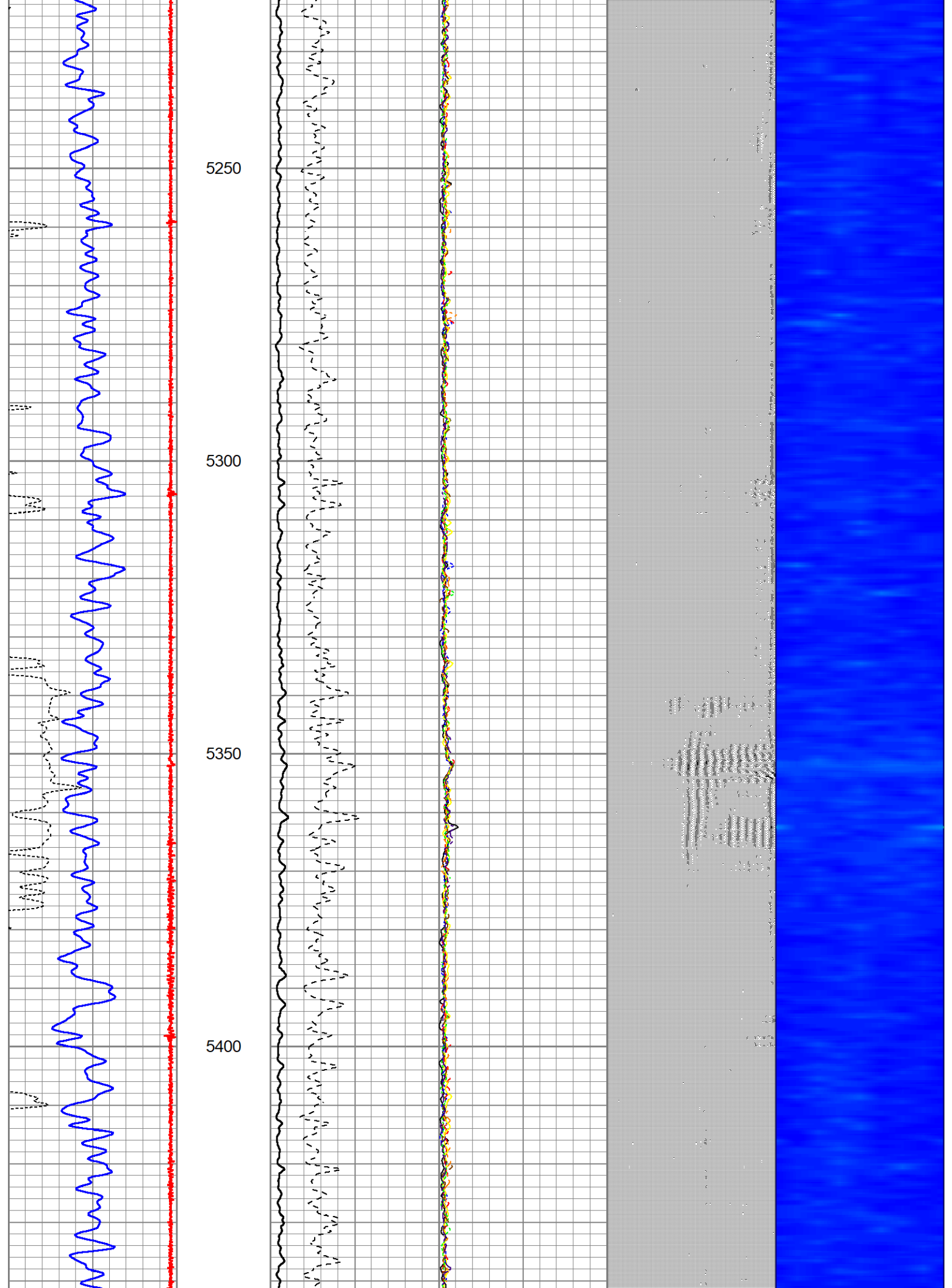
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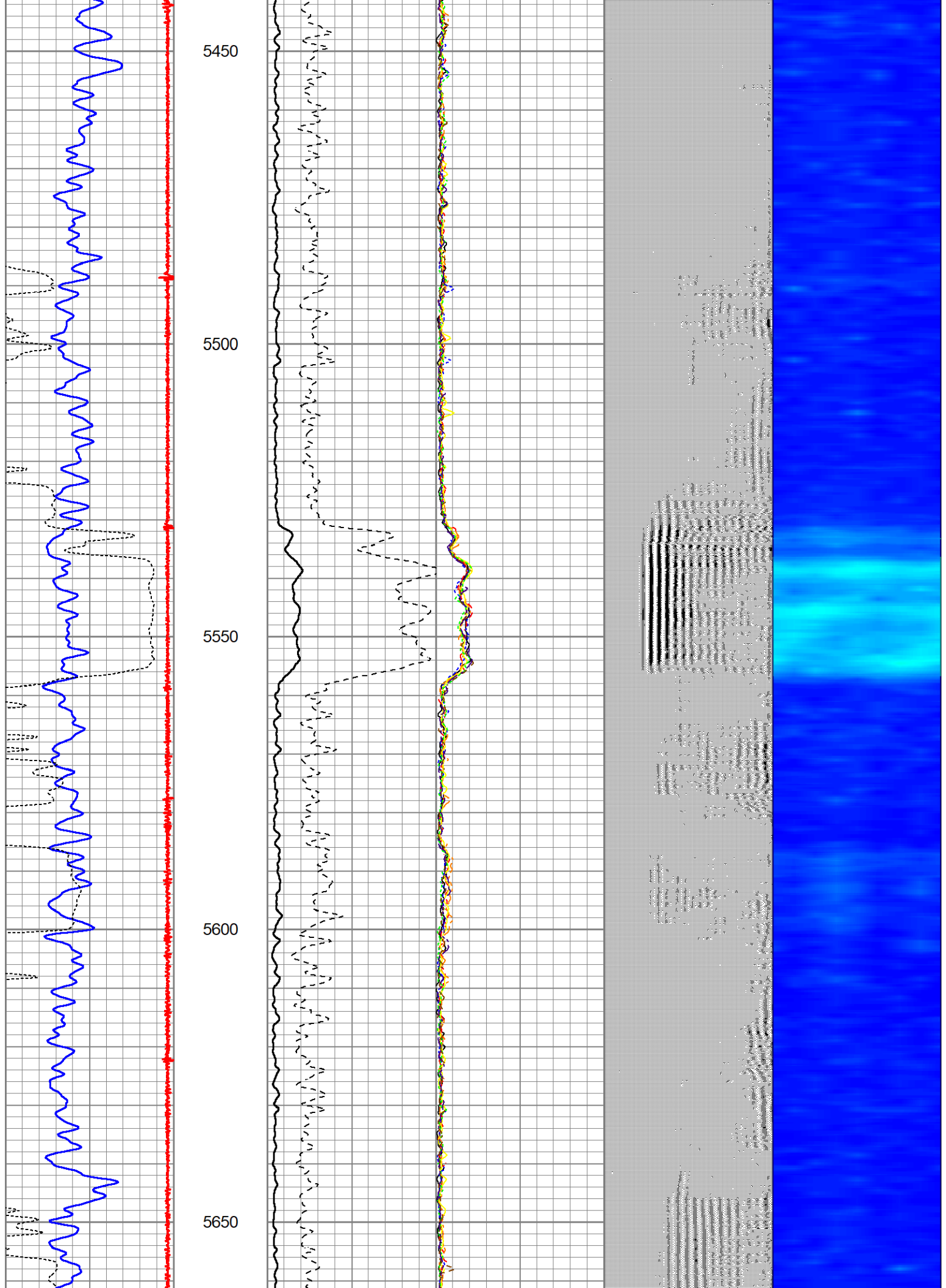
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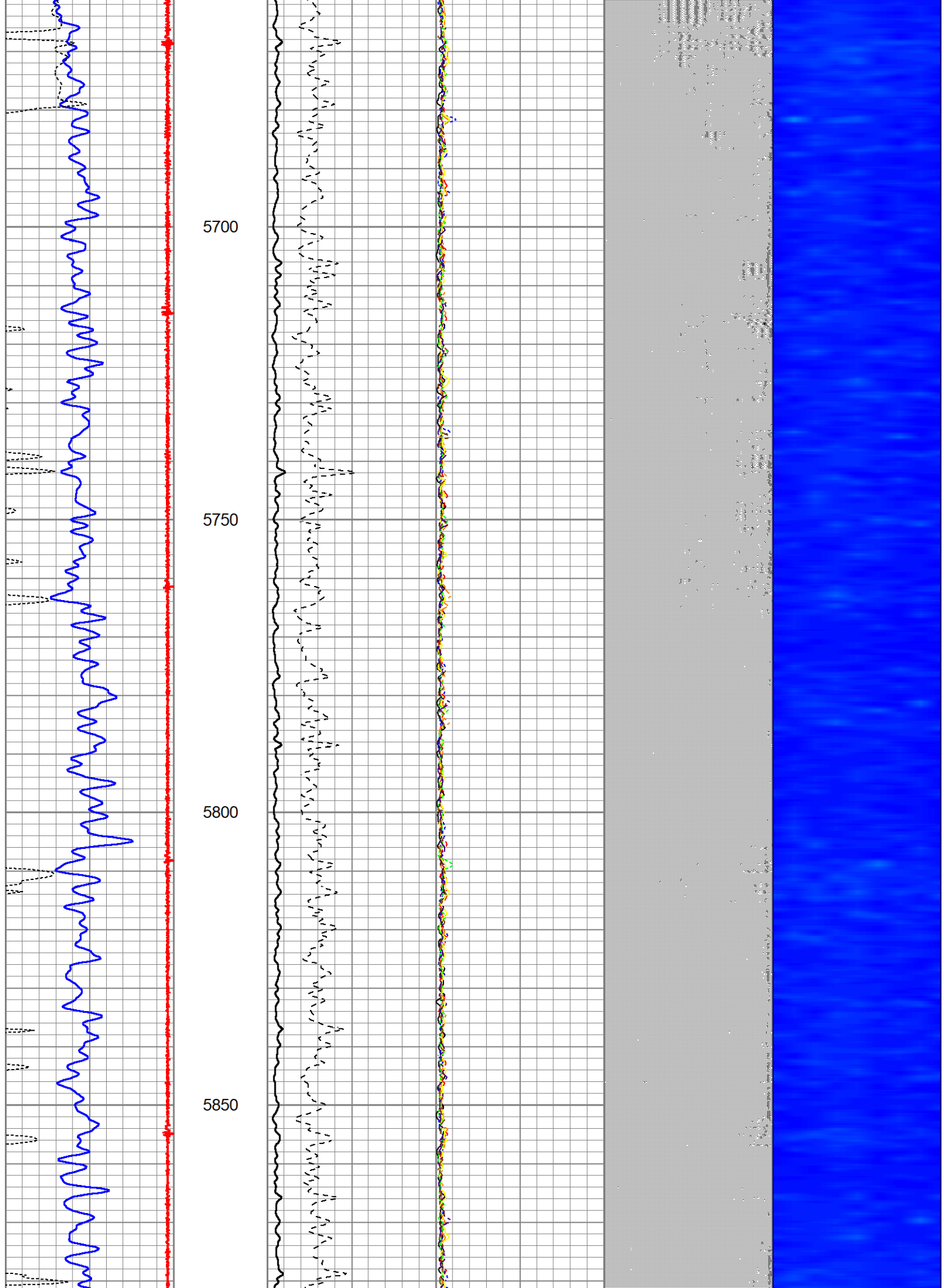
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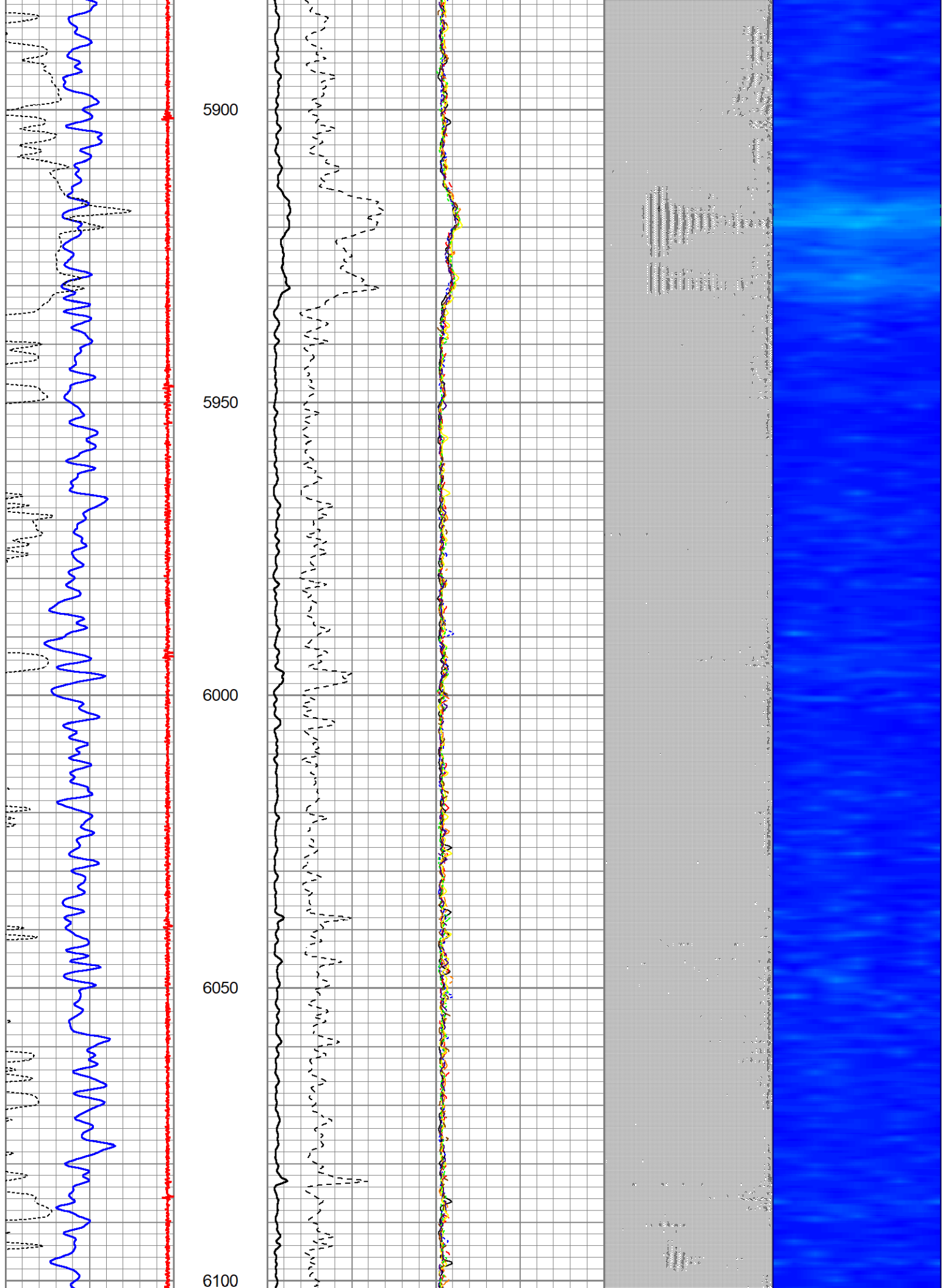
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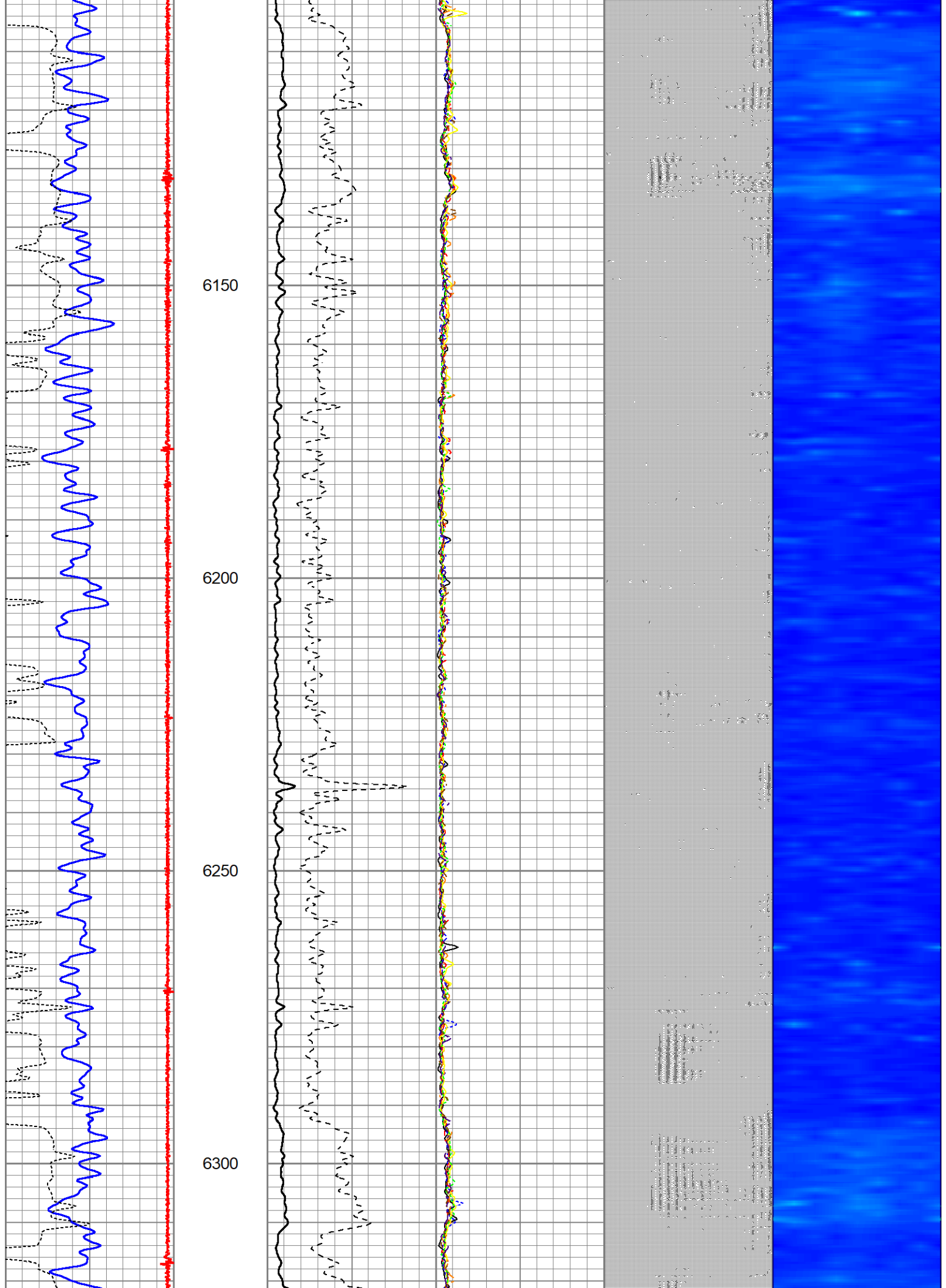


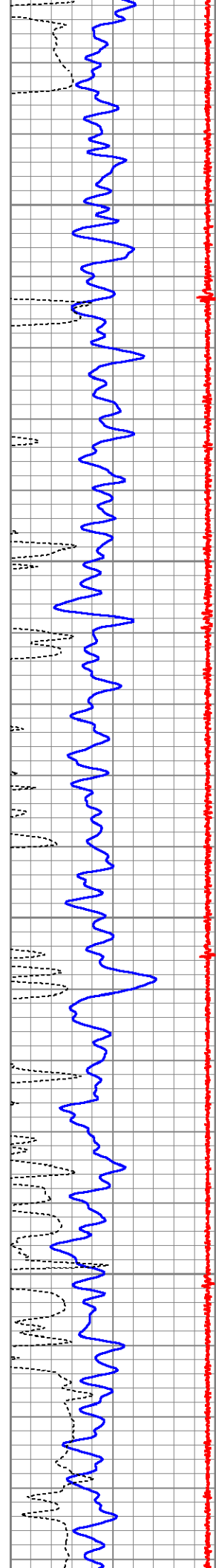










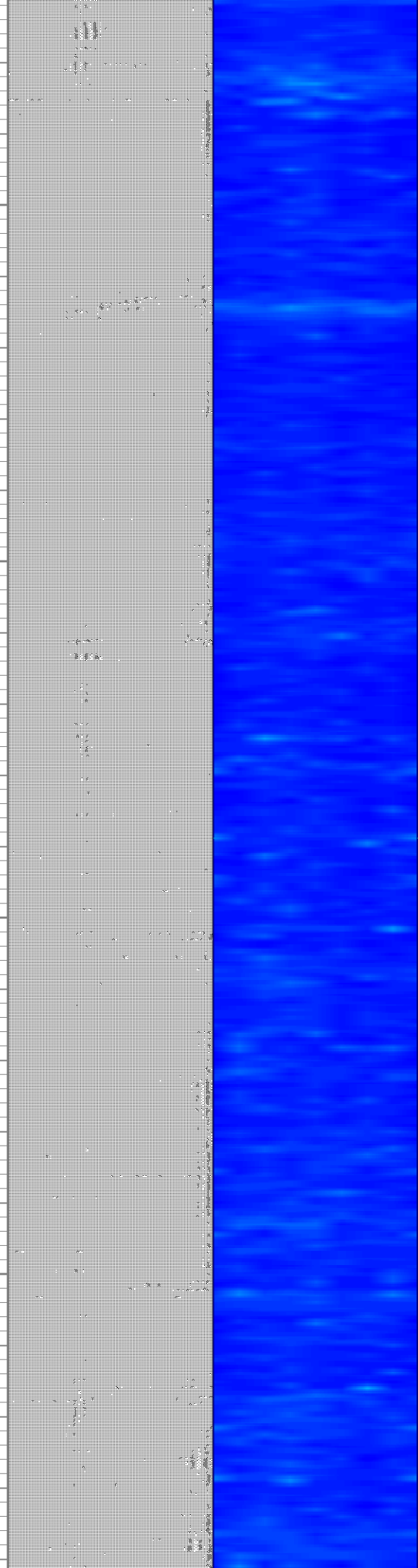
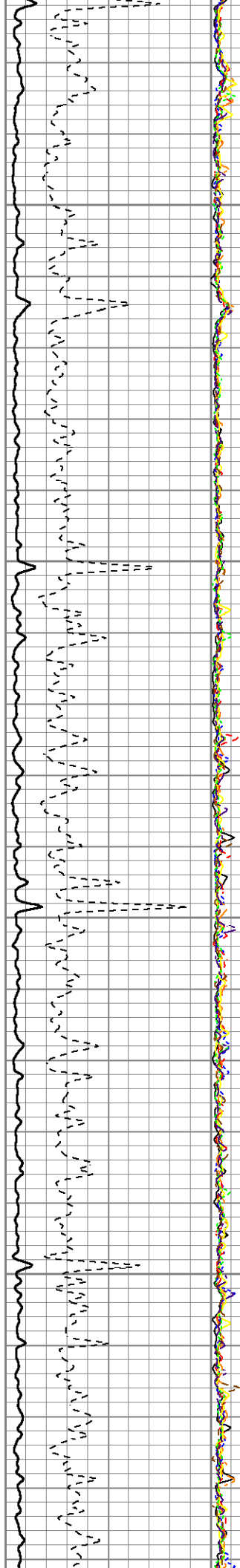


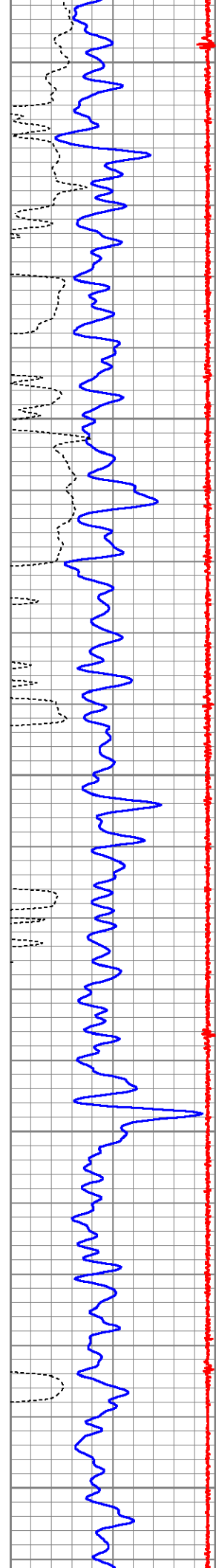
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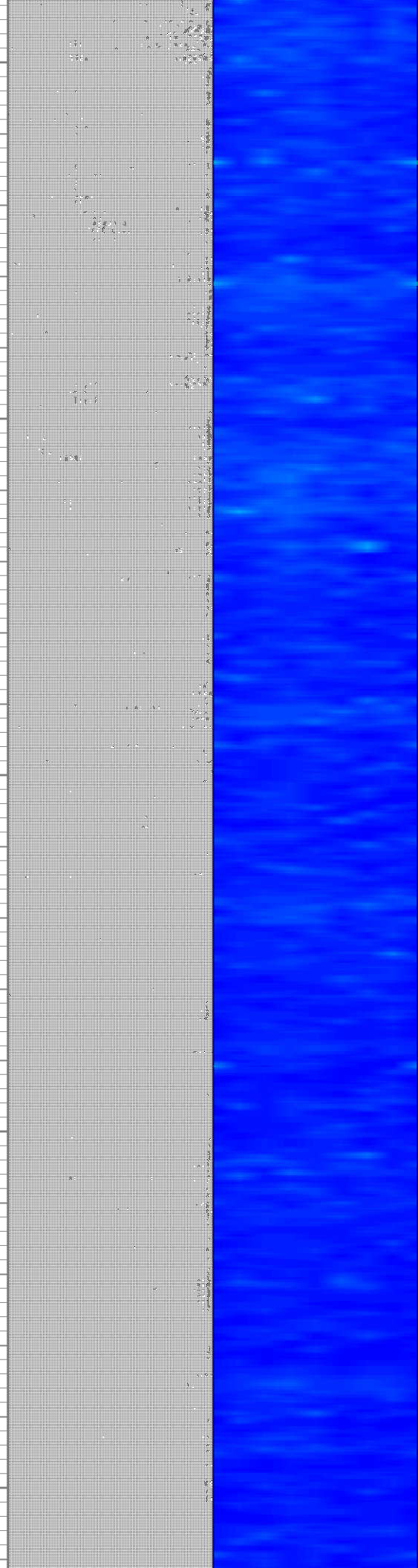
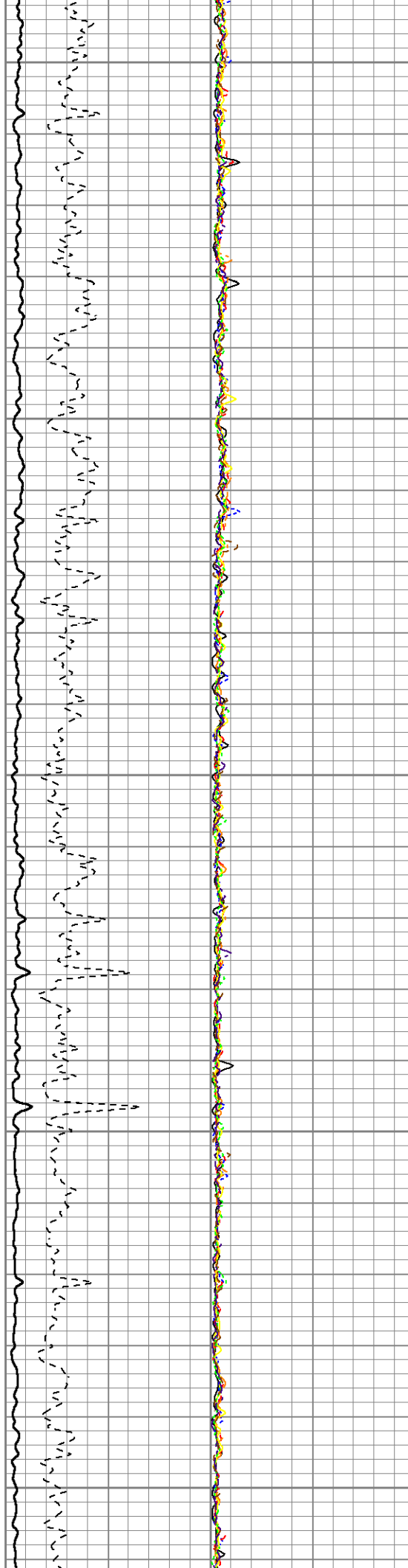
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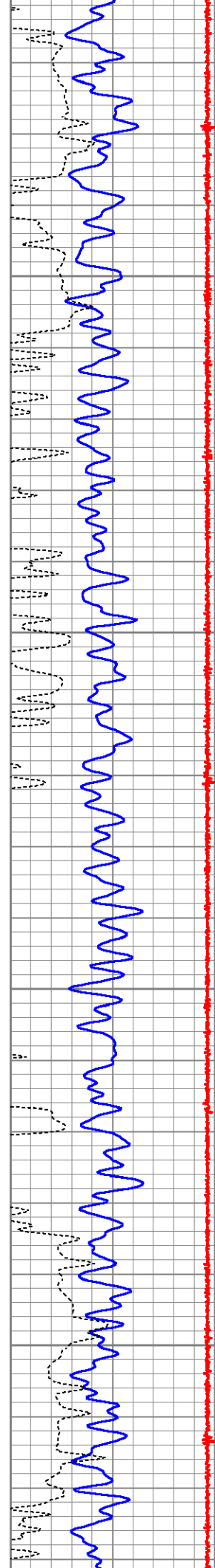
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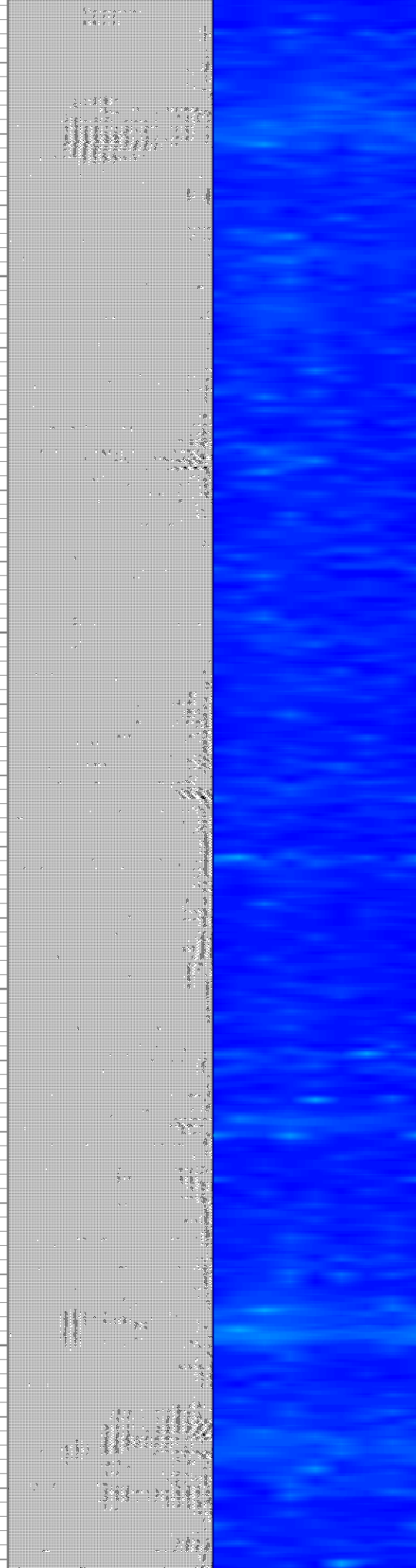
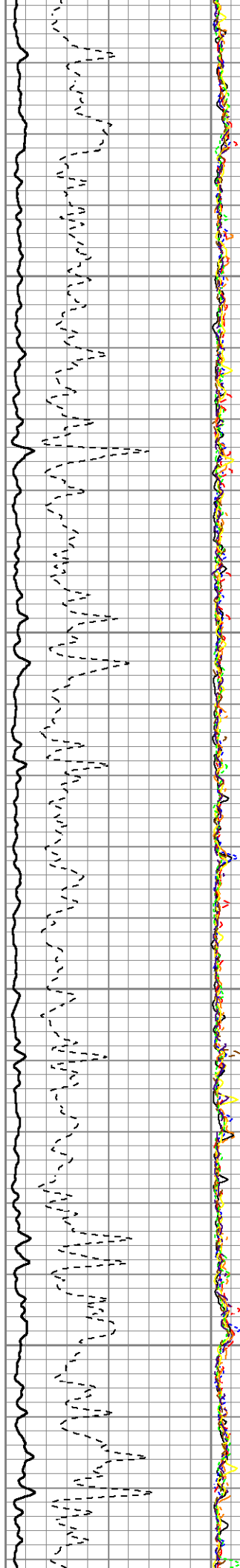


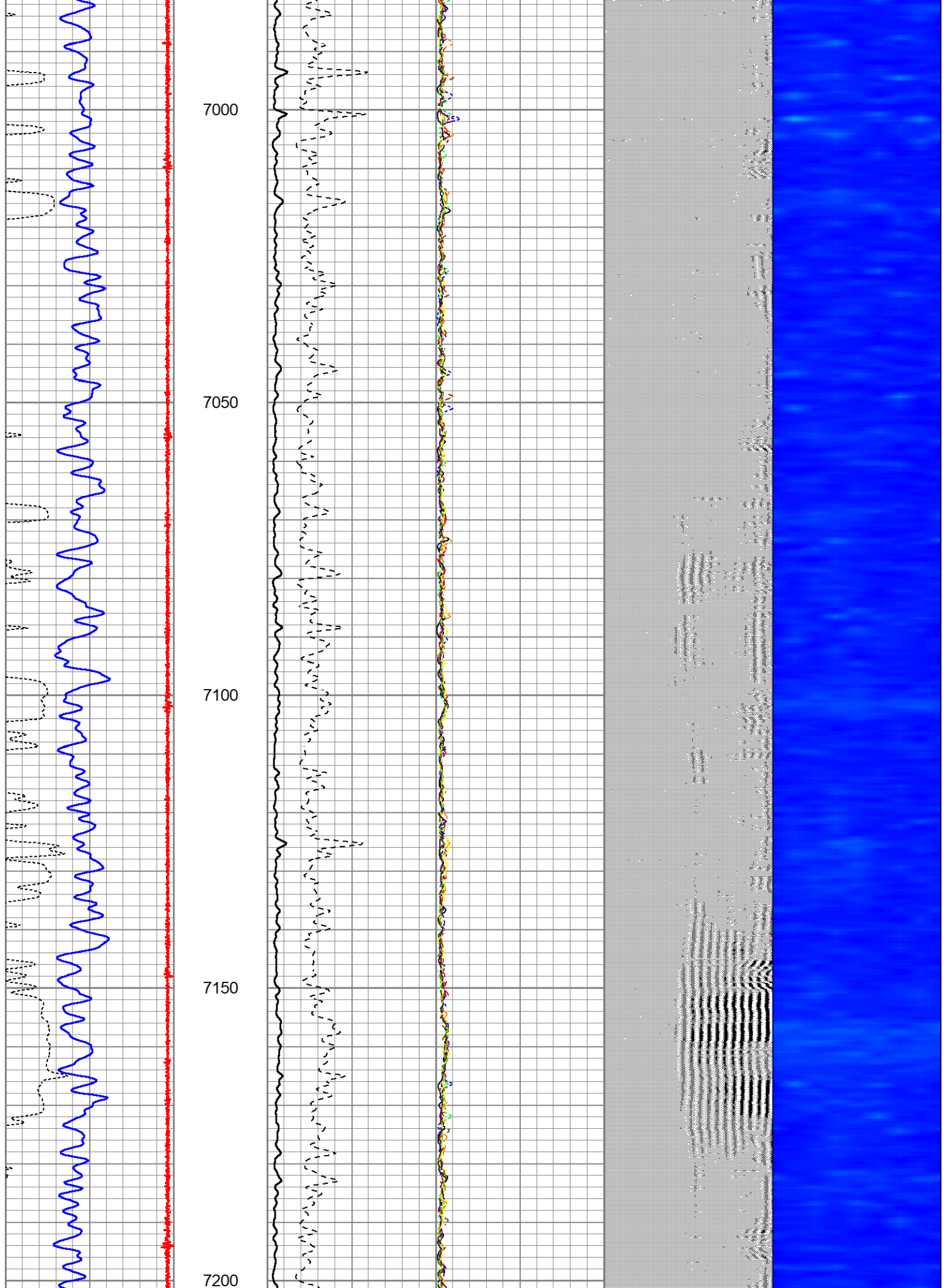
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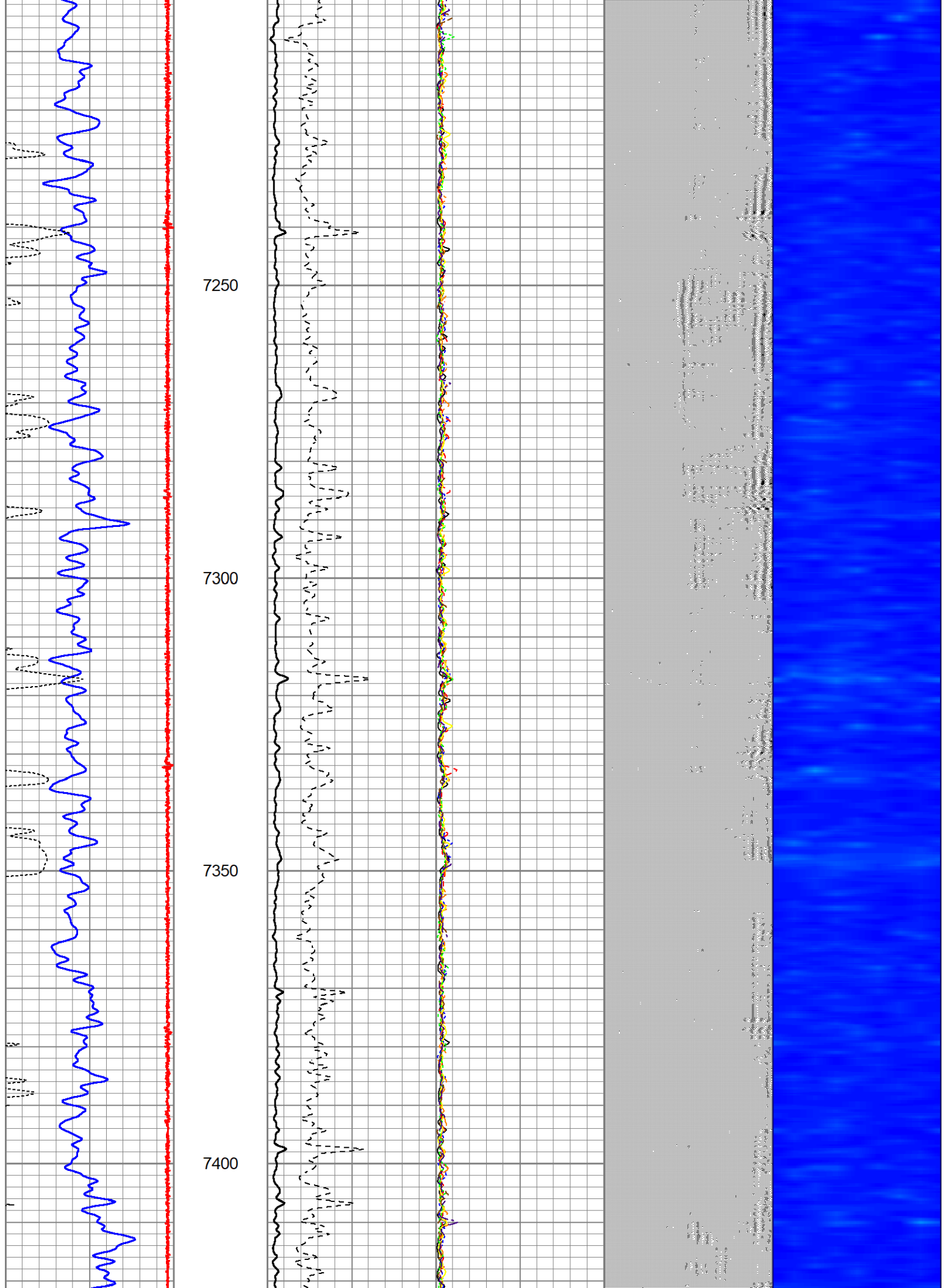
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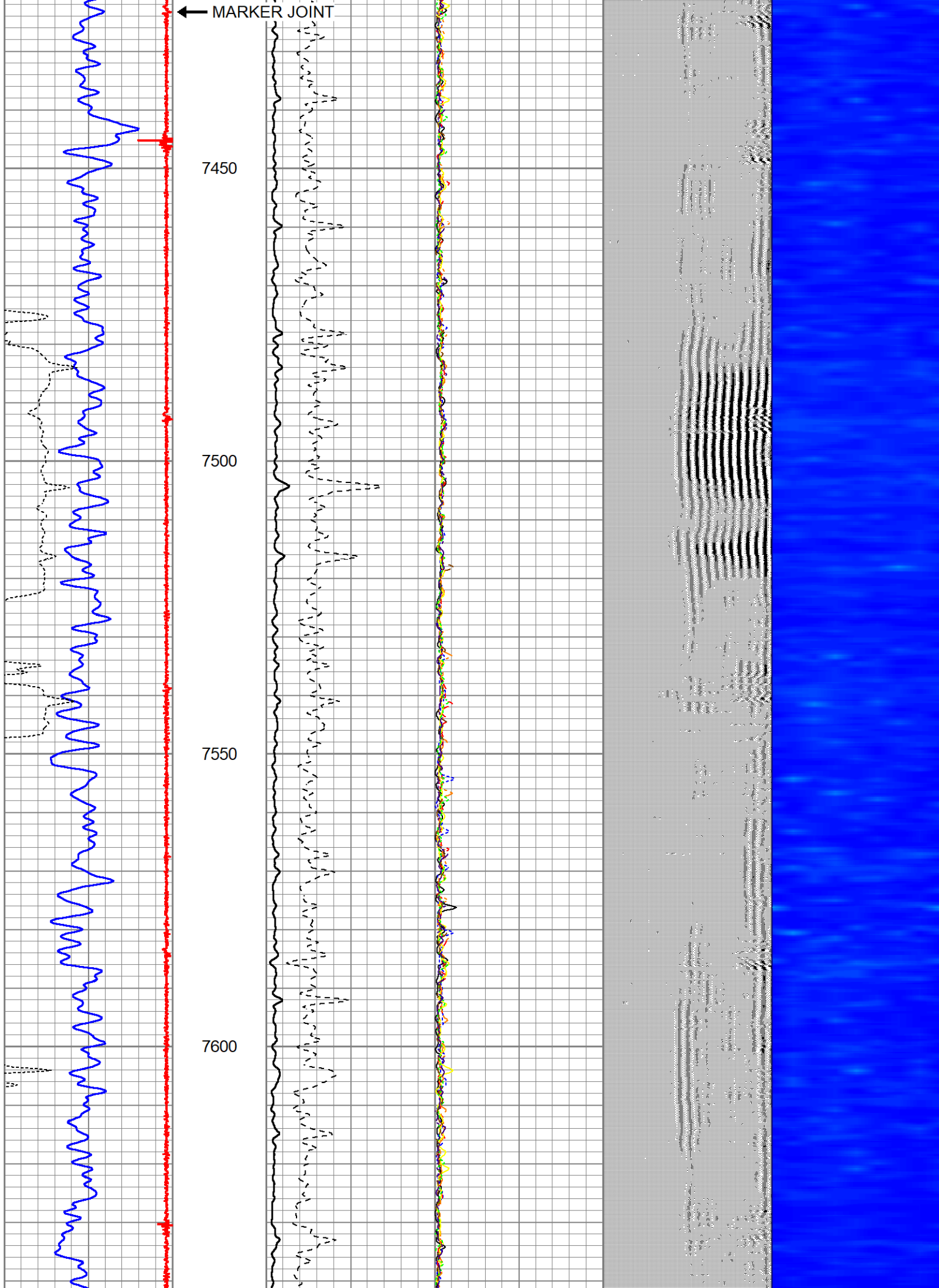
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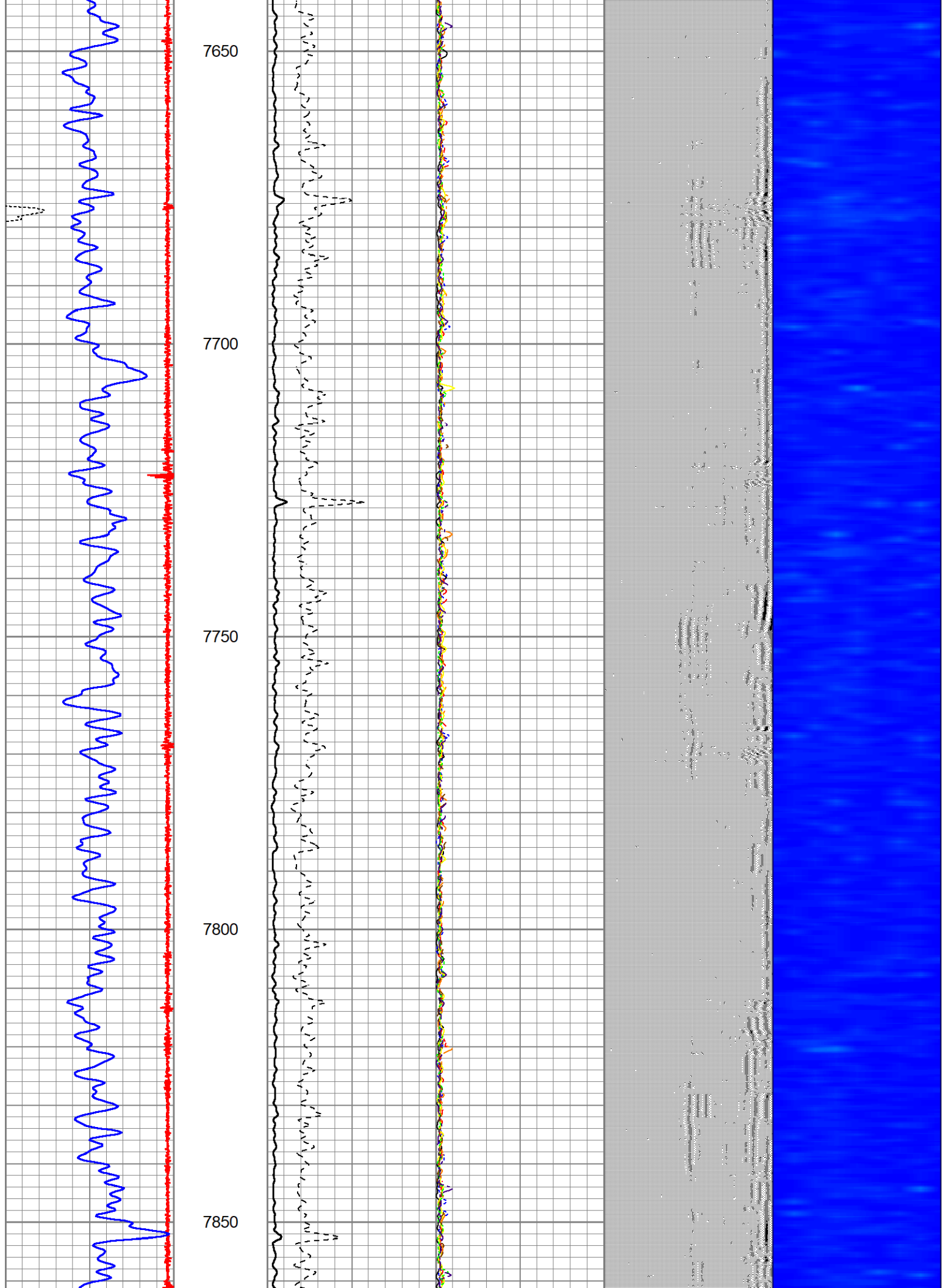
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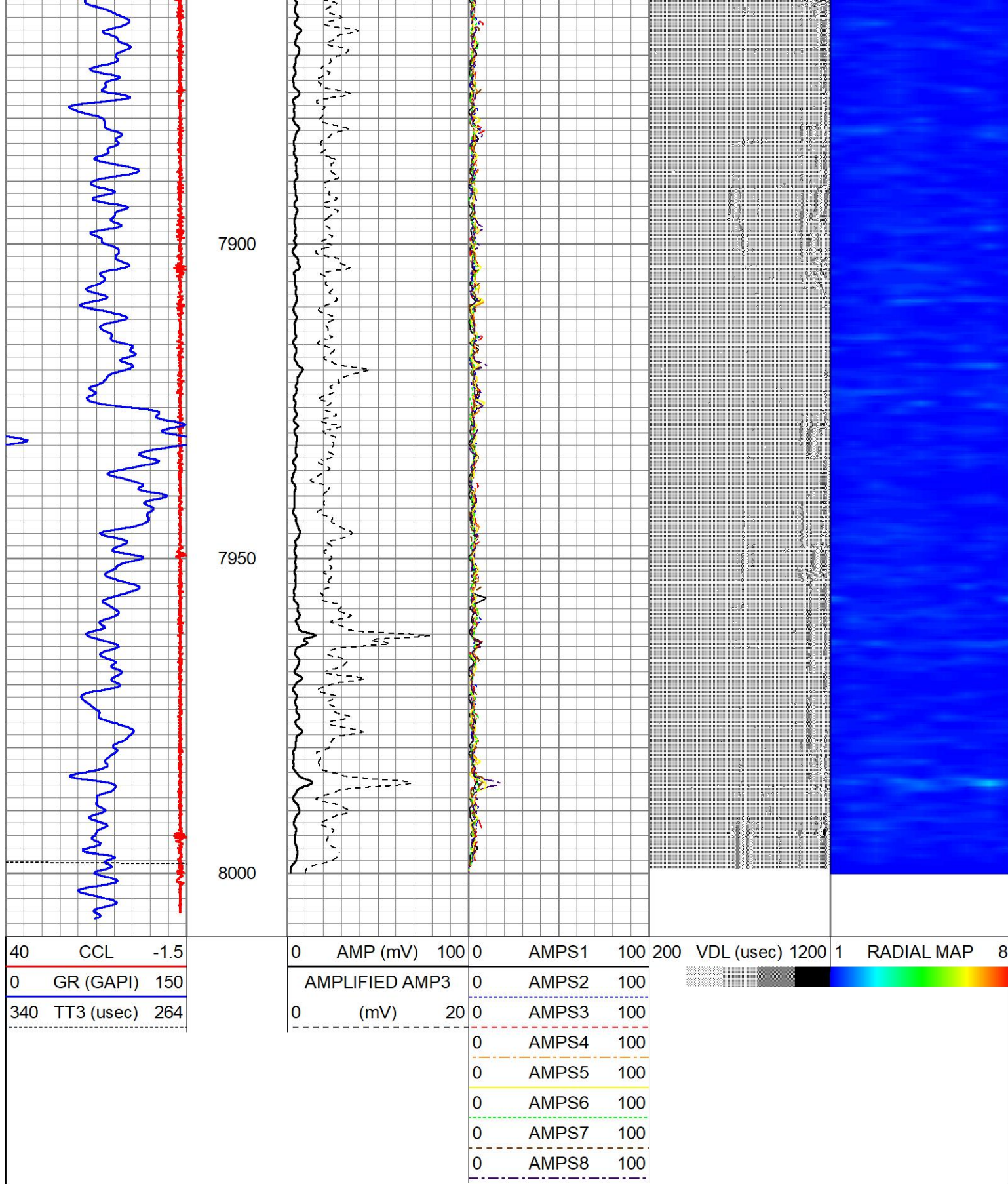
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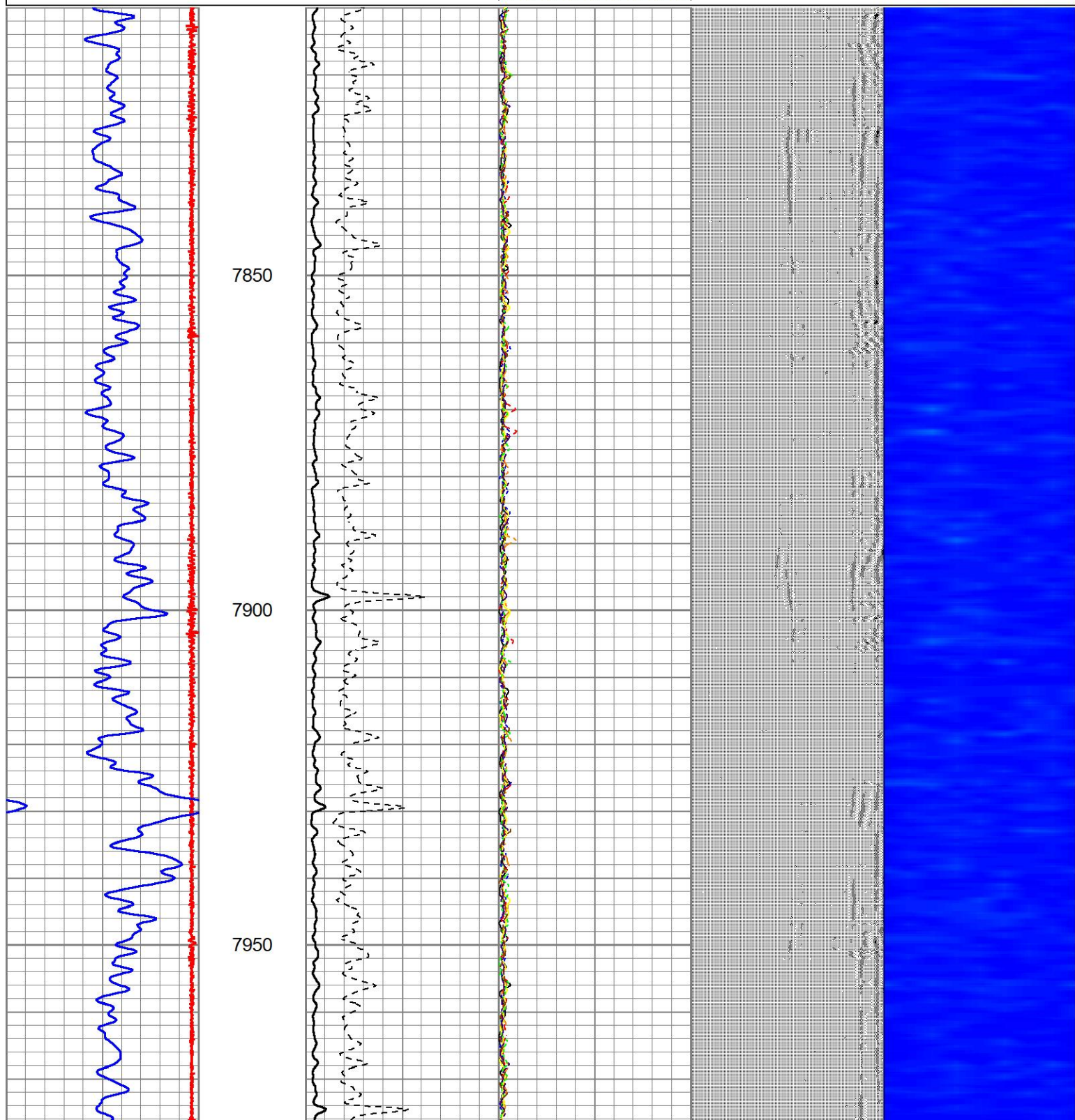
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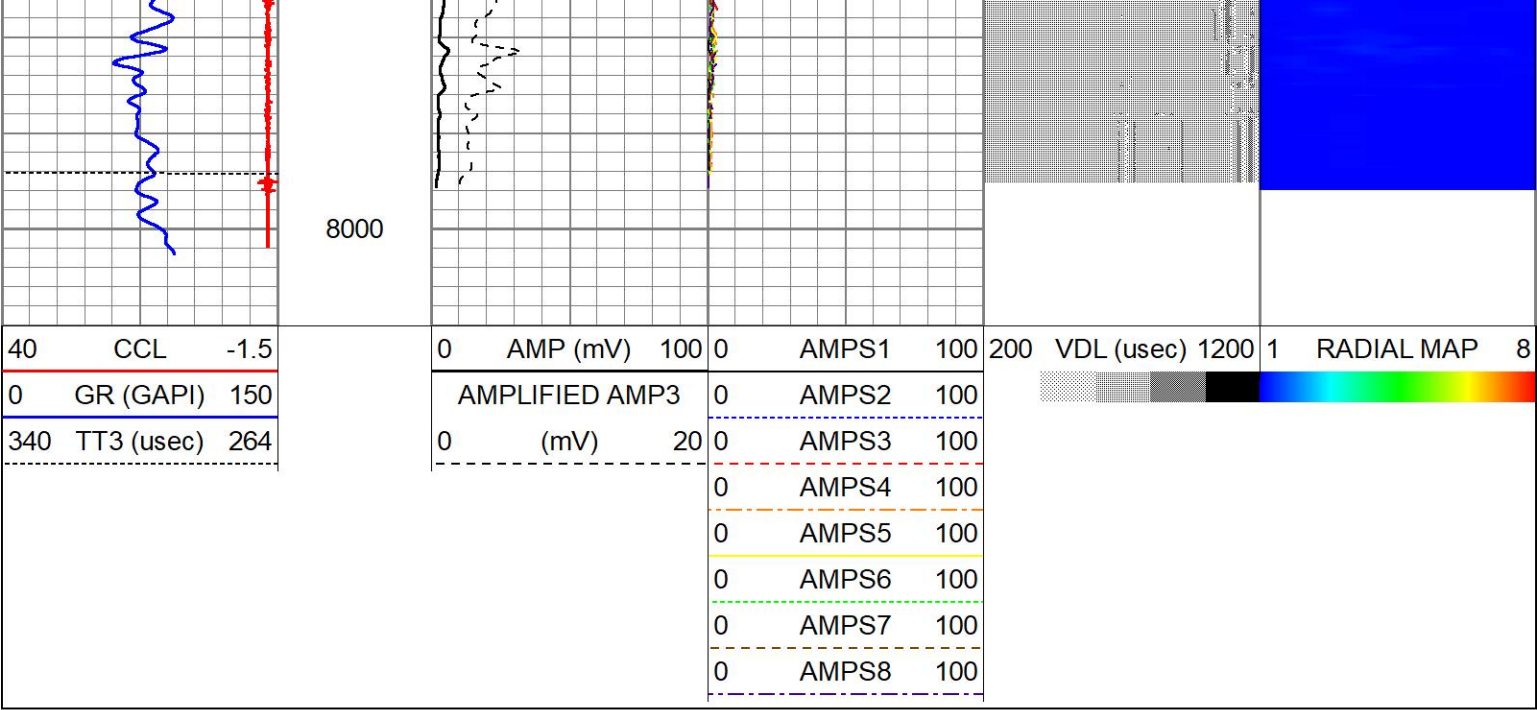






40	CCL	-1.5	0	AMP (mV)	100	0	AMPS1	100	200	VDL (usec)	1200	1	RADIAL MAP	8
0	GR (GAPI)	150	AMPLIFIED AMP3			0	AMPS2	100						
340	TT3 (usec)	264	0	(mV)	20	0	AMPS3	100						
						0	AMPS4	100						
						0	AMPS5	100						
						0	AMPS6	100						
						0	AMPS7	100						
						0	AMPS8	100						
						0	AMPS8	100						





Log Variables

DatabaseC:\ProgramData\Warrior\Data\state bierstadt 4-65 35-34 2bh rcbl.db
Dataset field/well/run1/pass1.4/_vars_

Top - Bottom

BOREID in 9.625	BOTTEMP degF 100	CASEOD in 5.5	CASETHCK in 0	CASEWGHT lb/ft 20	MAXAMPL mV 72	MINAMPL mV 2.2	MINATTN db/ft 0.8
PERFS No	PPT usec 370	SRFTEMP degF 65	TDEPTH ft 0				

Variable Description

BOREID : Borehole I.D.	CASEWGHT : Casing Weight	PERFS : Perforation Flag
BOTTEMP : Bottom Hole Temperature	MAXAMPL : Maximum Amplitude	PPT : Predicted Pipe Time
CASEOD : Casing O.D.	MINAMPL : Minimum Amplitude	SRFTEMP : Surface Temperature
CASETHCK : Casing Thickness	MINATTN : Minimum Attenuation	TDEPTH : Total Depth

Calibration Report						
Database File	state bierstadt 4-65 35-34 2bh rcbl.db					
Dataset Pathname	pass1.4					
Dataset Creation	Thu Apr 25 10:49:55 2024					
Gamma Ray Calibration Report						
Type / Serial:			Probe275dig / 101010			
SHOP CALIBRATION			Mon Feb 26 13:29:31 2024			
	Counts/Sec.	Gain	Offset	Jig	Units	
Background	0.0				cps	
Calibrator	1.0				cps	
		0.6000			GAPI/cps	
PRIMARY VERIFICATION						
Background	0.0				cps	
Calibrator	0.0				cps	
Difference				0.0	GAPI	

BEFORE SURVEY VERIFICATION

Background	0.0		cps
Calibrator	0.0		cps
Difference		0.0	GAPI

AFTER SURVEY VERIFICATION

Background	0.0		cps
Calibrator	0.0		cps
Difference		0.0	GAPI

Segmented Cement Bond Log Calibration Report

Serial Number:	101020	
Tool Model:	Probe	
Calibration Casing Diameter:	5.500	in
Calibration Depth:	603.217	ft

Master Calibration, performed Thu Apr 25 07:20:08 2024:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.002	0.773	2.200	71.921	90.427	2.010
CAL	0.002	0.782				
5'	0.002	0.767	2.200	71.921	91.215	1.997
SUM						
S1	0.002	0.696	0.000	72.000	103.756	-0.252
S2	0.003	0.785	0.000	72.000	92.012	-0.230
S3	0.002	0.791	0.000	72.000	91.303	-0.195
S4	0.002	0.790	0.000	72.000	91.456	-0.220
S5	0.002	0.787	0.000	72.000	91.771	-0.184
S6	0.002	0.787	0.000	72.000	91.793	-0.221
S7	0.002	0.776	0.000	72.000	93.106	-0.219
S8	0.002	0.774	0.000	72.000	93.316	-0.216

Internal Reference Calibration, performed Tue Feb 12 13:45:01 2013:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.002	0.782	1.000	0.000

Air Zero Calibration, performed Thu Feb 21 14:40:31 2013:

	Raw (v)		Calibrated (v)		Results	
	Zero		Zero		Offset	
3'	0.000		0.000		0.000	
5'	0.000		0.000		0.000	
SUM						
S1	0.000		0.000		0.000	
S2	0.000		0.000		0.000	
S3	0.000		0.000		0.000	
S4	0.000		0.000		0.000	
S5	0.000		0.000		0.000	
S6	0.000		0.000		0.000	
S7	0.000		0.000		0.000	
S8	0.000		0.000		0.000	

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			CHD-STNDRD Standard Cable Head	1.00	1.69	10.00
			CENT-PTS1.70 (PT0934) Probe 1.70 Centalizer	3.08	1.70	10.00
WVFS8	11.88		RBT-Probe (101020) Probe Radii Bond Tool with Digital Telemetry	8.75	2.75	90.00
WVFS7	11.88					
WVFS6	11.88					
WVFS5	11.88					
WVFS4	11.88					
WVFS3	11.88					
WVFS2	11.88					
WVFS1	11.88					
WVFCAL	11.88					
WVF3FT	11.88					
WVF5FT	10.88					
			CENT-PTS1.70 (PT0936) Probe 1.70 Centalizer	3.08	1.70	10.00
CCL	3.63					
			GR-Probe275dig (101010) Probe Gamma CCL	4.54	2.75	57.00
GR	0.89					

Dataset:
state bierstadt 4-65 35-34 2bh rcbl.db: field/well/run1/pass1.4

Total length:
20.46 ft

Total weight:
177.00 lb

O.D.: 2.75 in