

**Radial Bond
Gamma Ray
Collar Correlation Log**

Company Civitas Resources
Well Florida 03-65 27-26 01AH
Field DJ Horizontal Niobrara
County Adams **State** CO

Location
 QTR: NE/SE SEC: 28 TWN: 35 RNG: 65W
 API: 05-001-10558

Permanent Datum	Ground Level	Elevation	5585'	Other Services
Log Measured From	Kelly Bushing			
Drilling Measured From	Kelly Bushing			

Date	29 JUNE, 2024			
Run Number	ONE			
Depth Driller	18'816'			
Depth Logger	8075'			
Bottom Logged Interval	8072'			
Top Log Interval	Surface			
Casing Size	5-1/2"			
Type Fluid	Water			
Density / Viscosity	N/A			
Max. Recorded Temp.	N/A			
Estimated Cement Top	----			
Time Well Ready	7:00			
Time Logger on Bottom	8:20			
Equipment Number	200099			
Location	Sterling, Co			
Recorded By	Levi Arnold			
Witnessed By	Josh Johnson			

	Borehole Record			Tubing Record			
	Bit	From	To	Size	Weight	From	To
Casing Record							
Surface String		Size 9-5/8"		Mgt/Ft 36#		Top Surface	Bottom 3280'
Prot. String		5-1/2"		20#		Surface	18,803'
Production String							
Liner							

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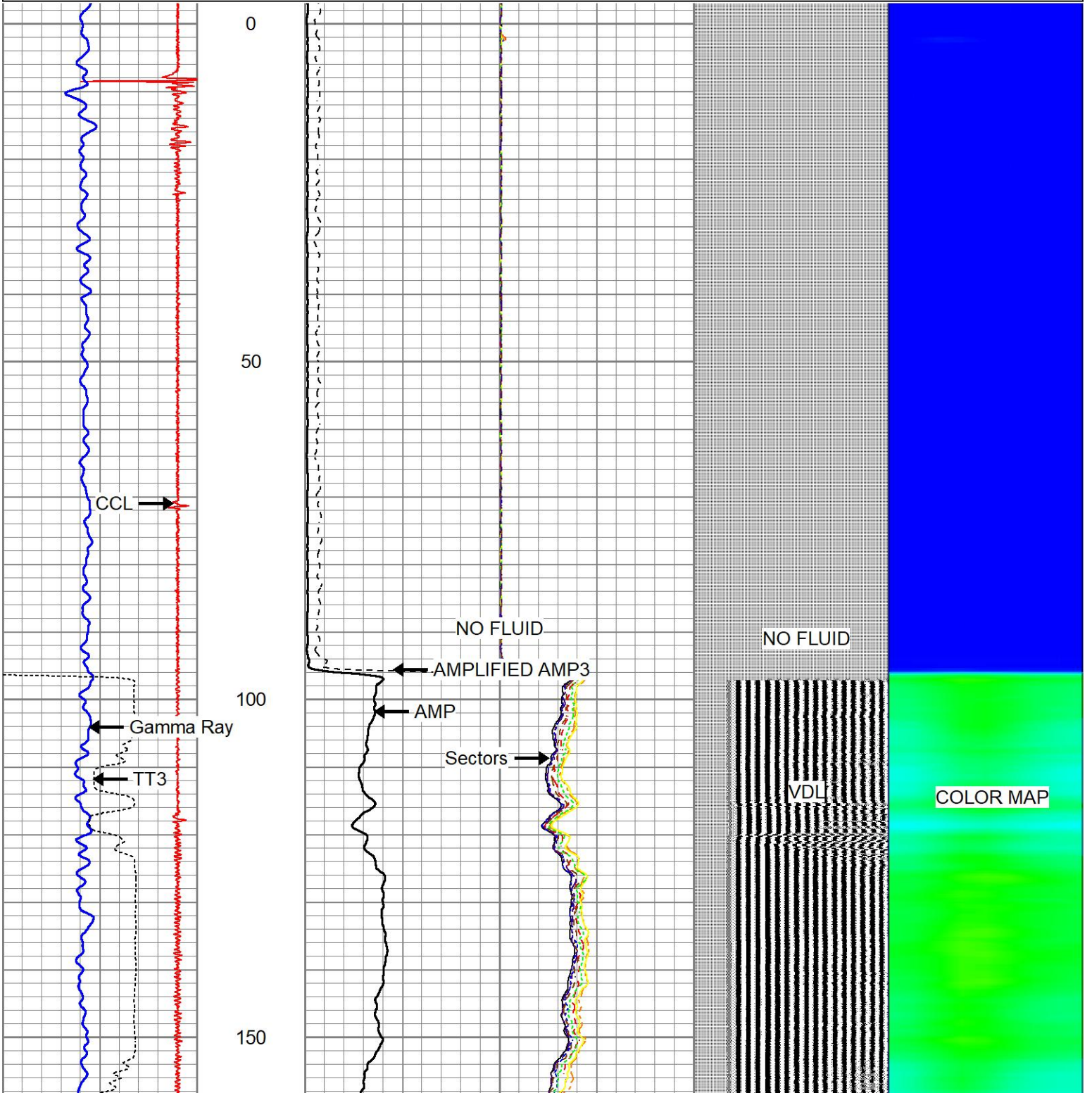
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

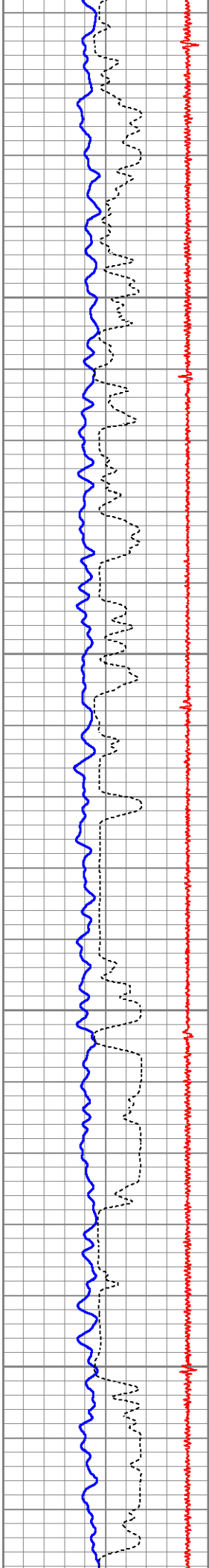
Comments

Log Ran with 25' K.B.
 Log Ran with 0 PSI
 Marker Joint @7860'-7882'
 Fluid Level @ 96'
 Thank You for using Nextier Solutions!

Database File florida3-65 27-2601ahrcbl.db
 Dataset Pathname pass1.5
 Presentation Format zwag (2)
 Dataset Creation Sat Jun 29 08:19:33 2024
 Charted by Depth in Feet scaled 1:240

9	CCL	-1	0	AMP (mV)	100	0	AMPS1	100	200	VDL (usec)	1200	1	RADIAL MAP	8
0	GR (GAPI)	150	AMPLIFIED AMP3			0	AMPS2	100						
400	TT3 (usec)	200	0	(mV)	20	0	AMPS3	100						
						0	AMPS4	100						
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						0	AMPS7	100						
						0	AMPS8	100						



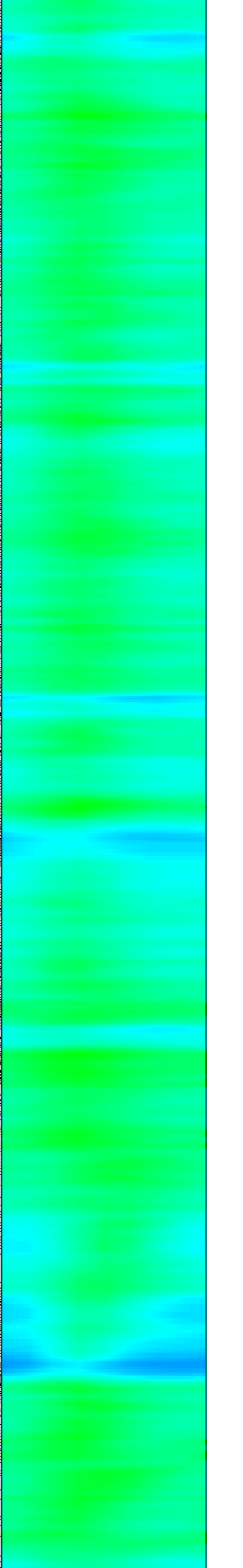
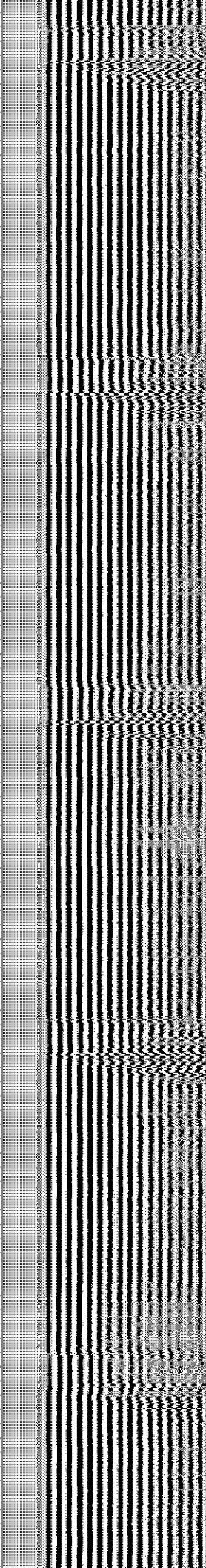
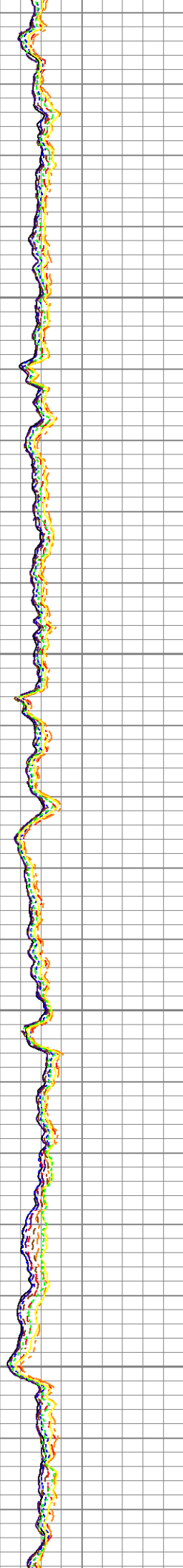
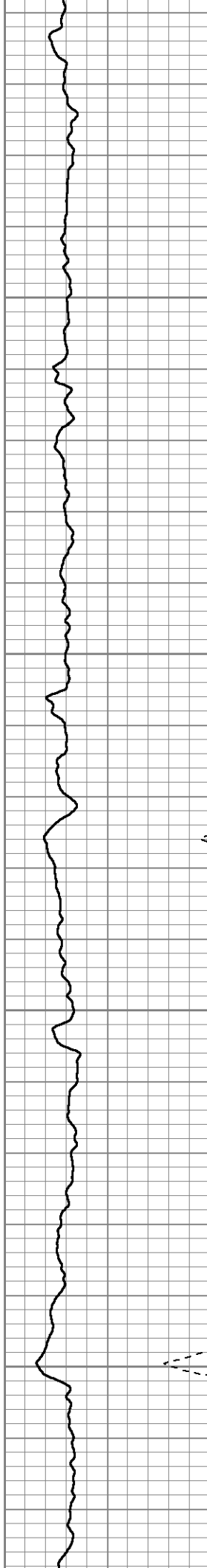


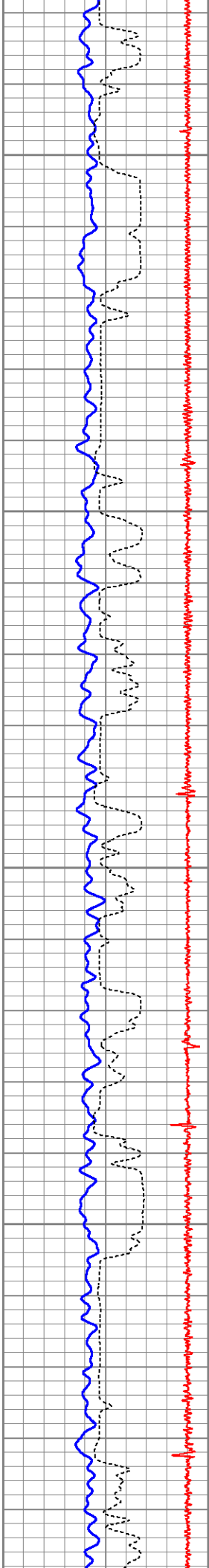
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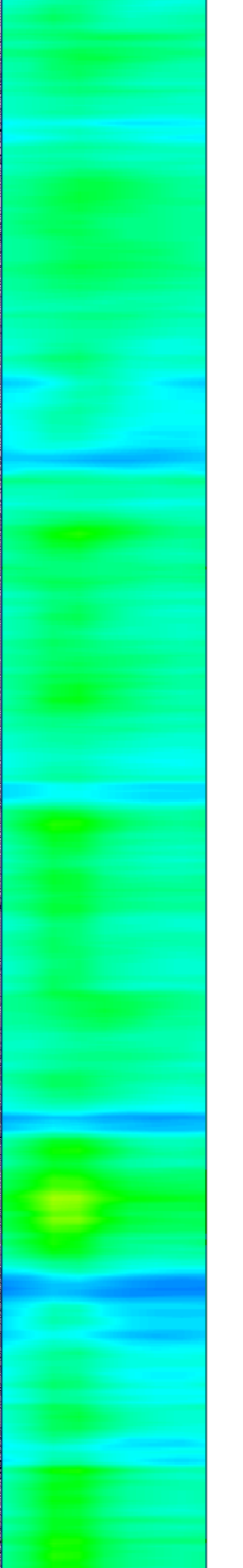
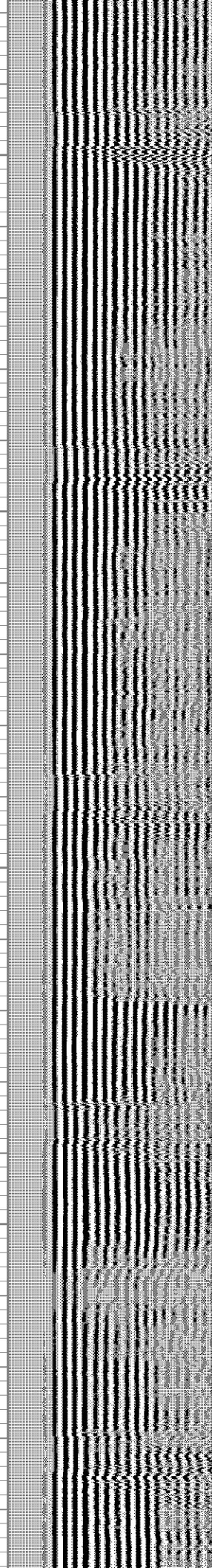
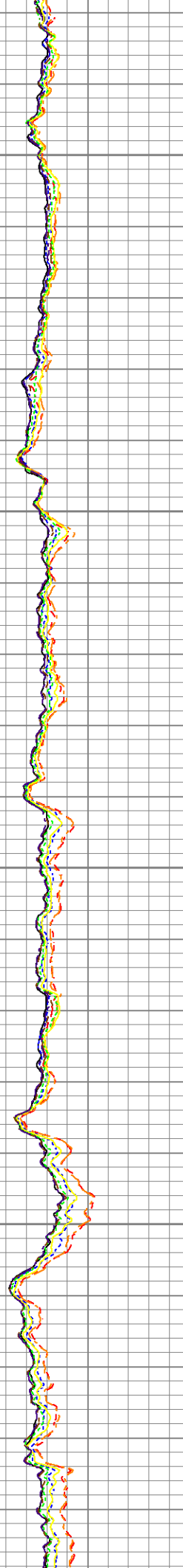
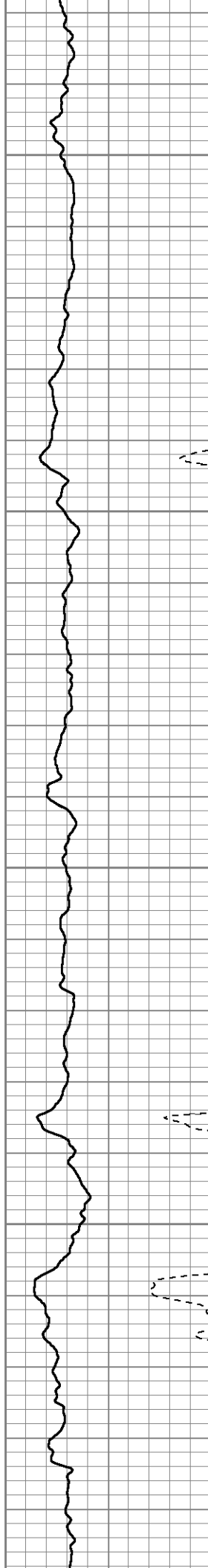


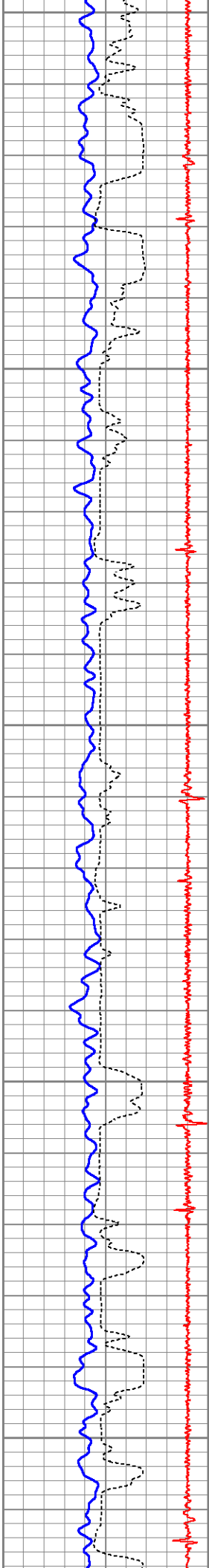
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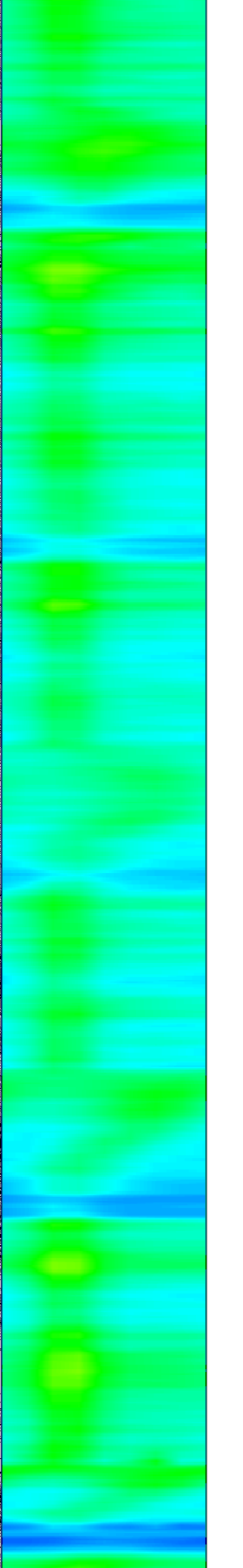
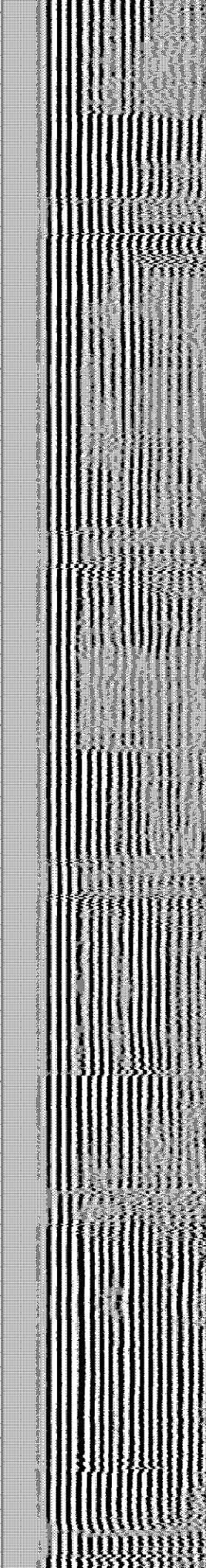
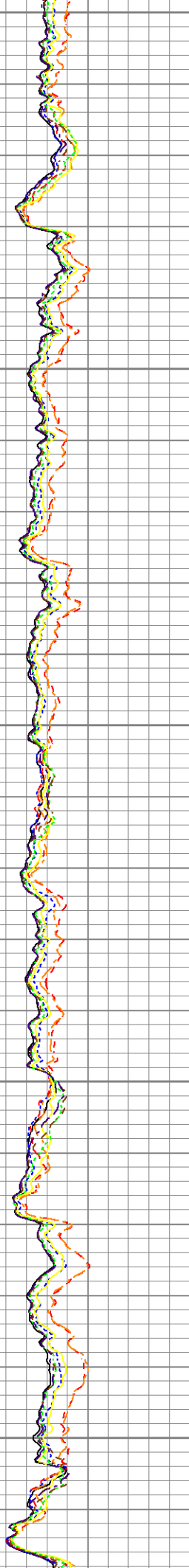
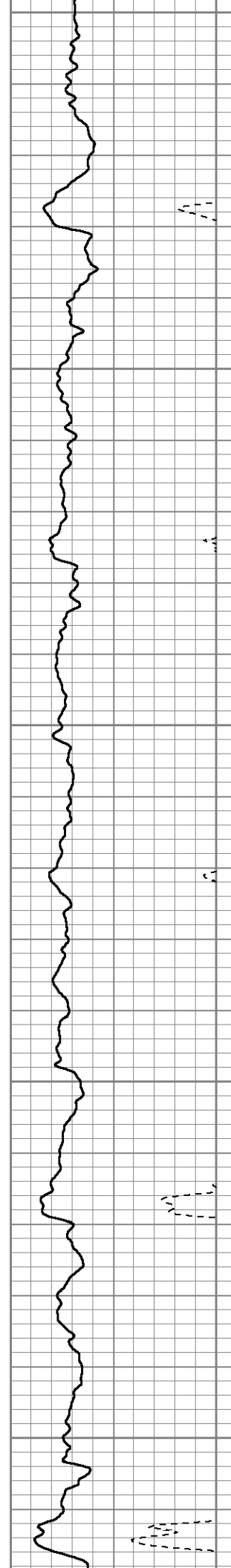
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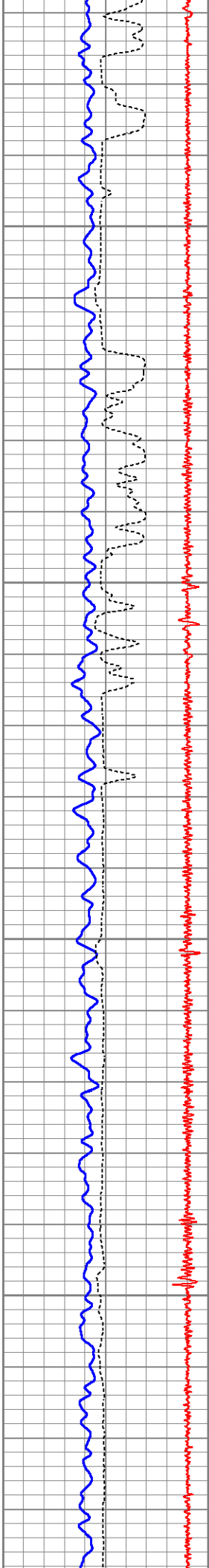
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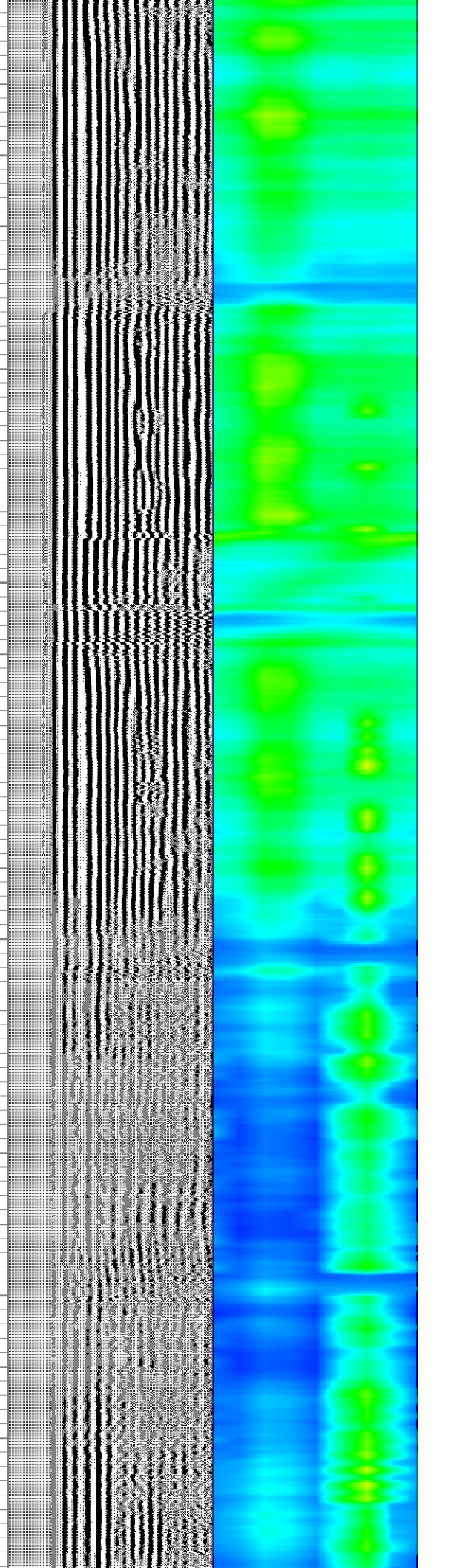
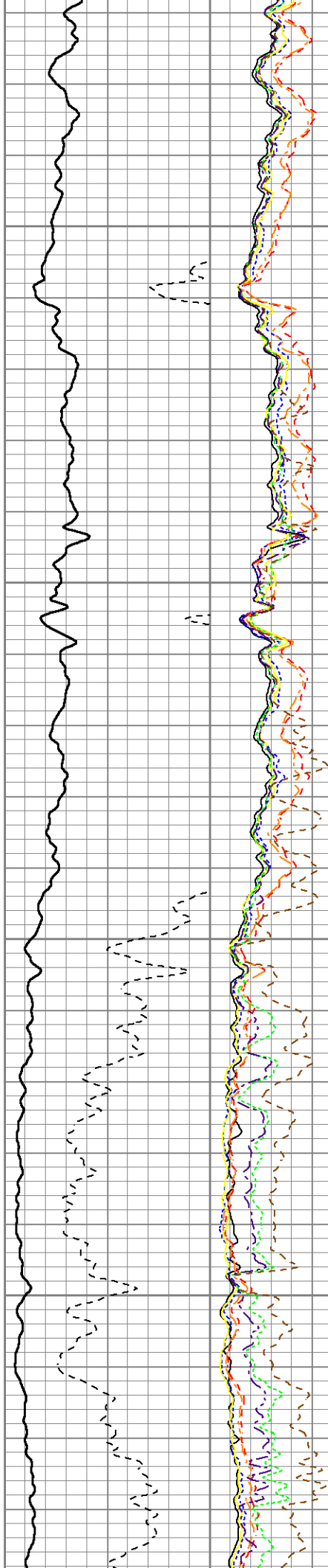


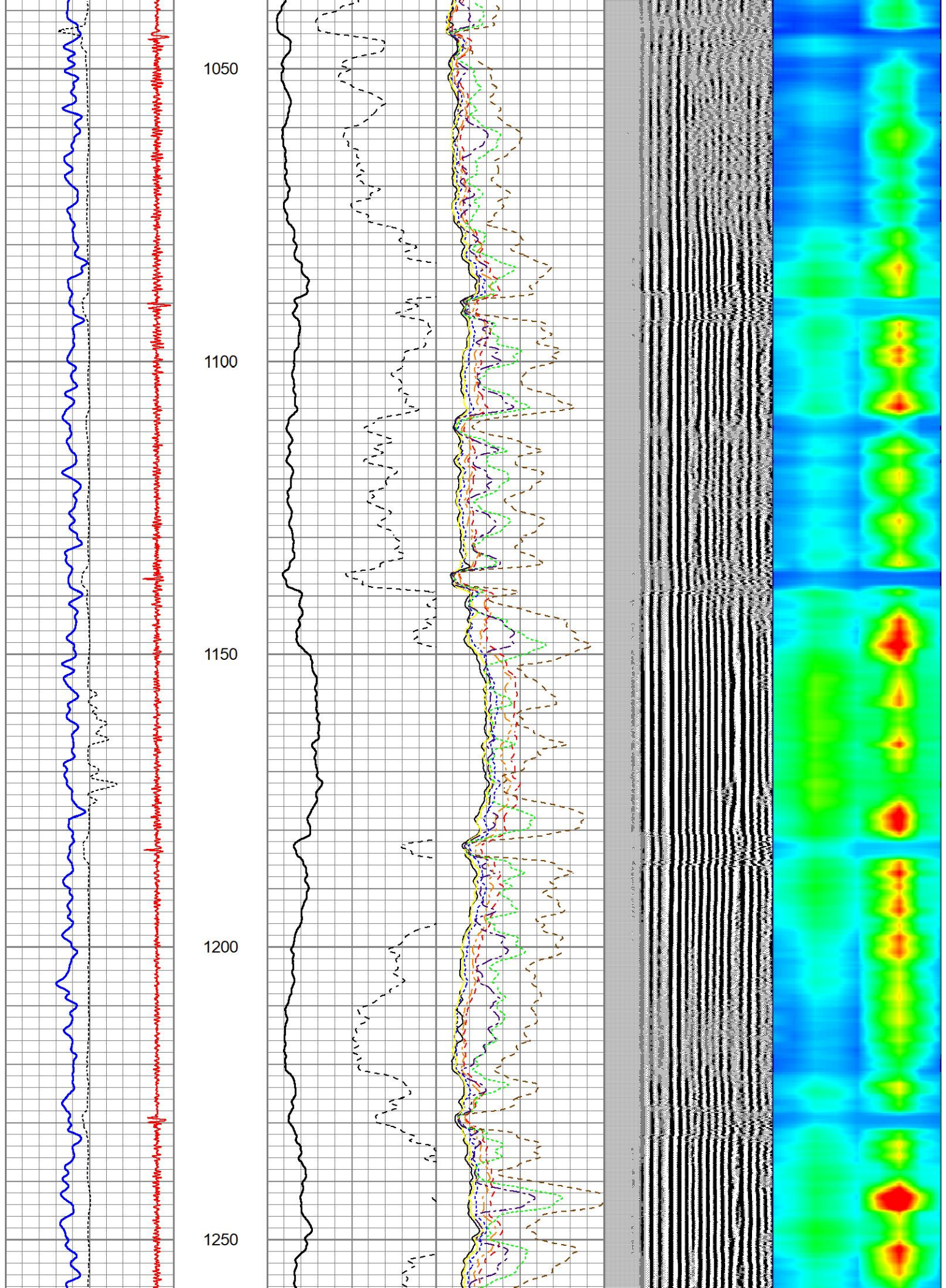
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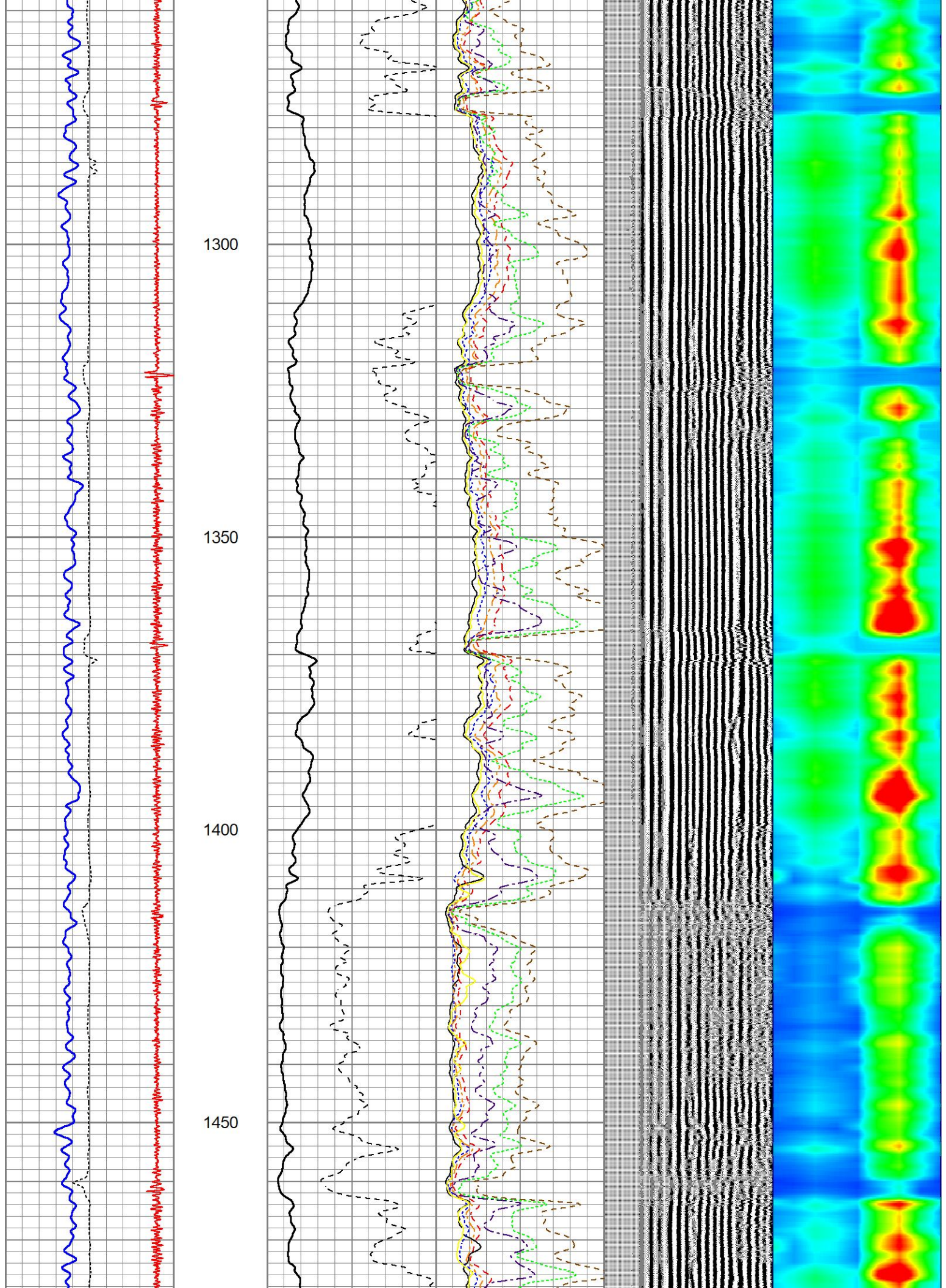
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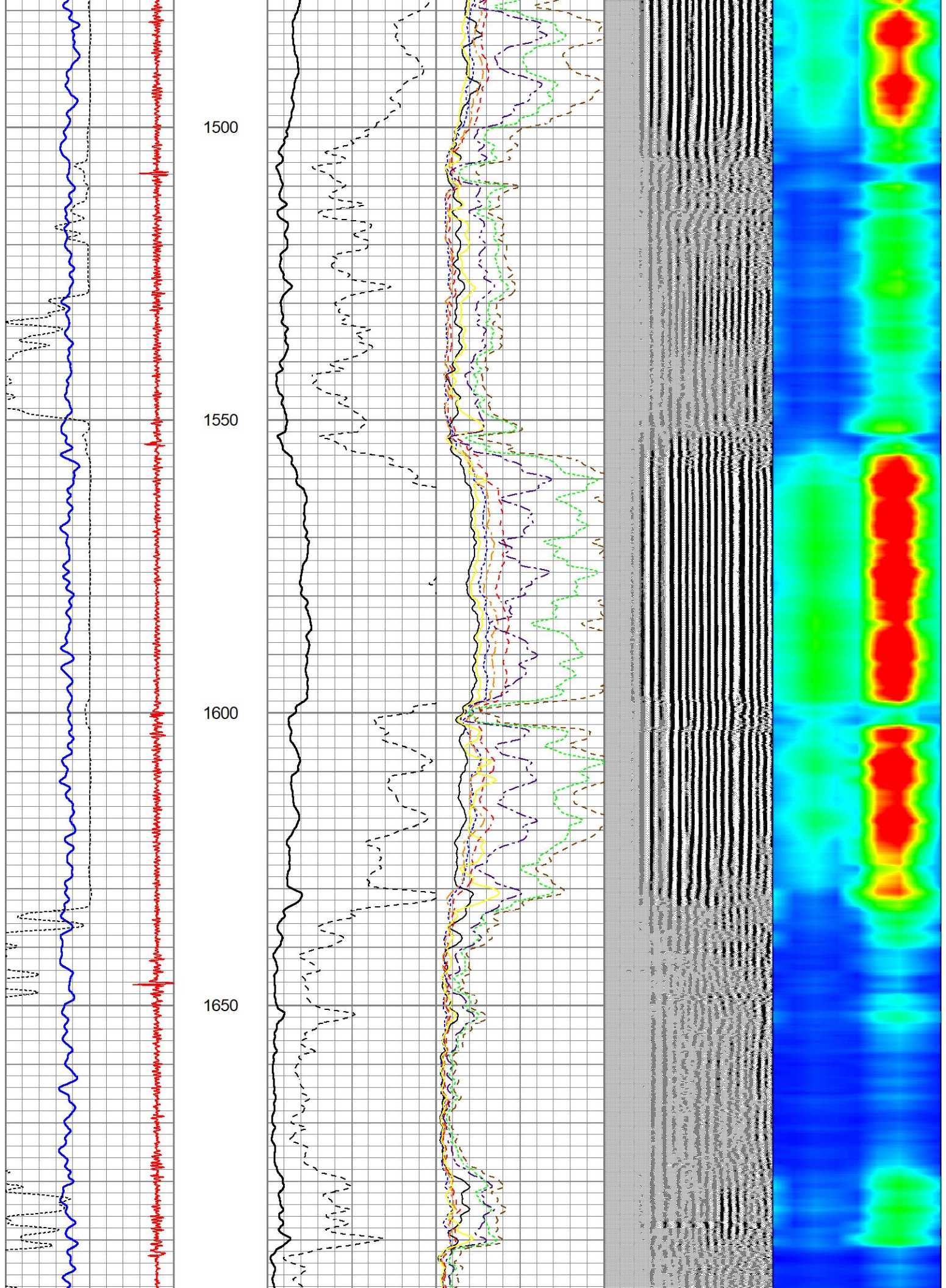
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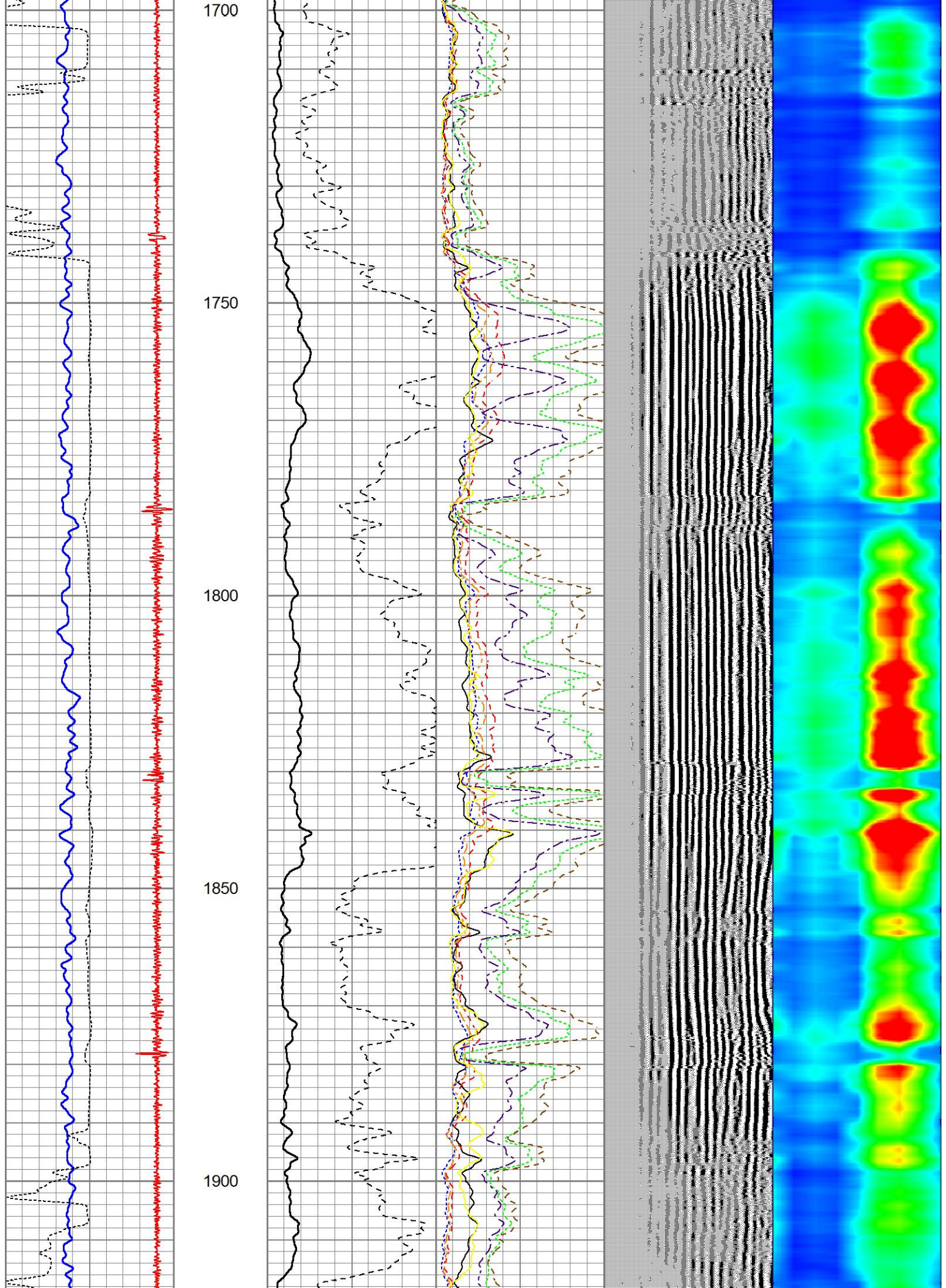
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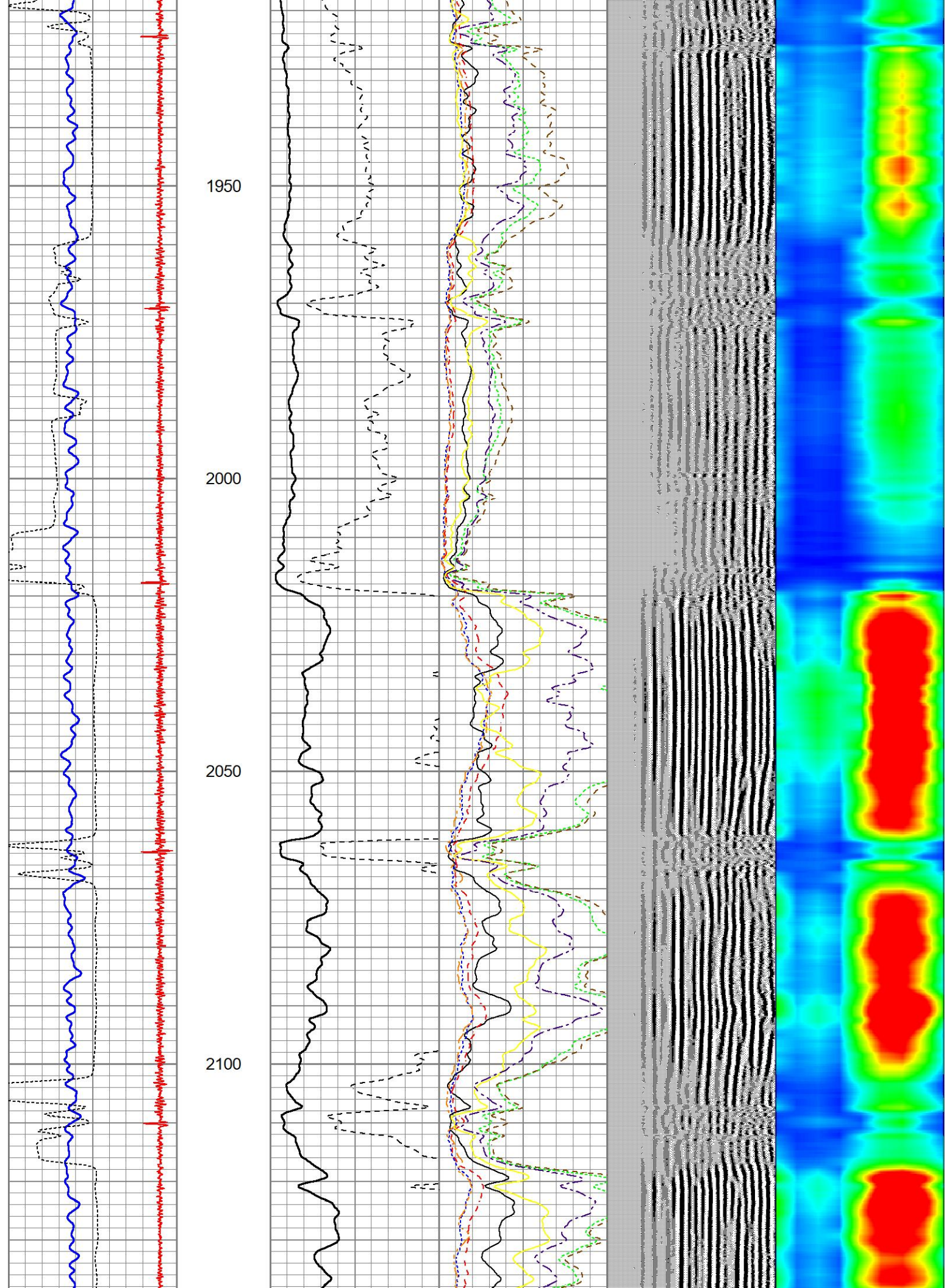


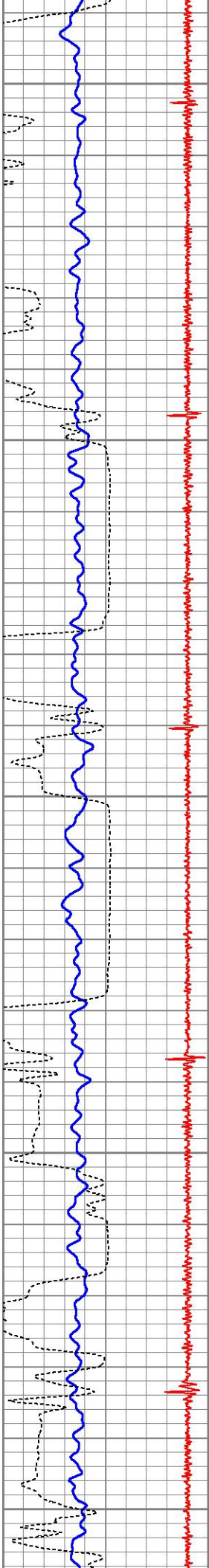












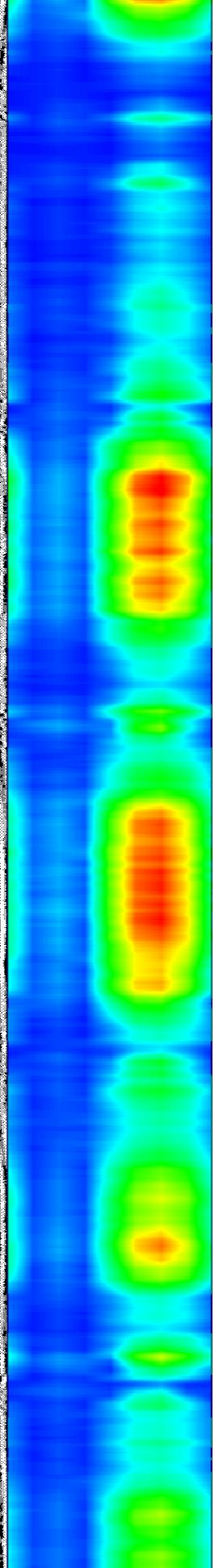
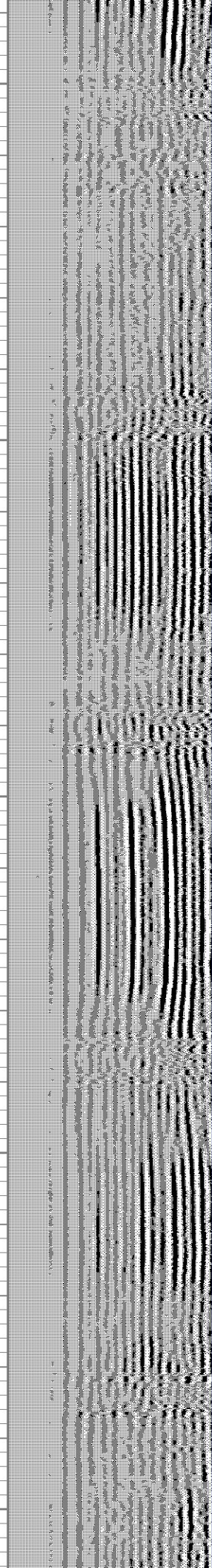
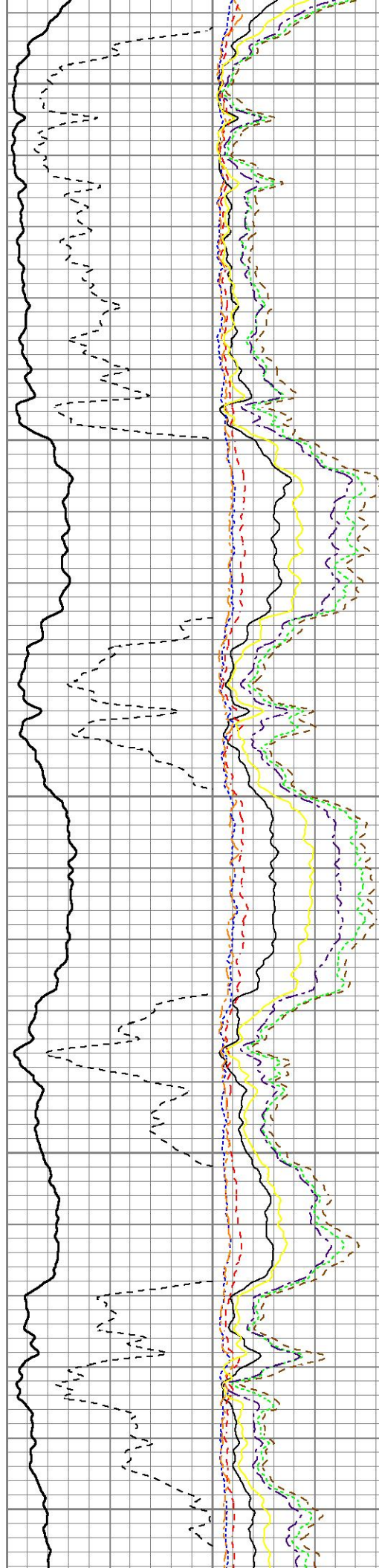
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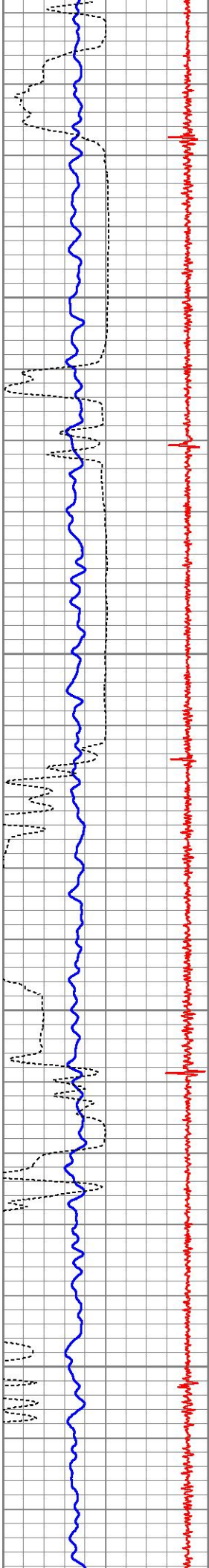
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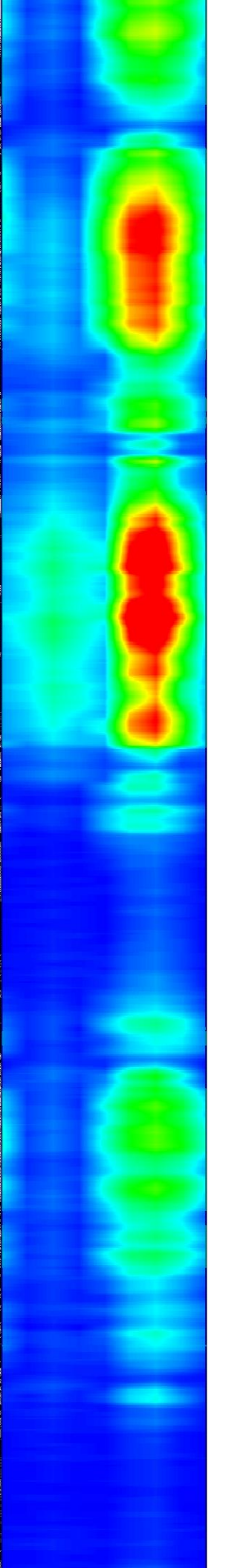
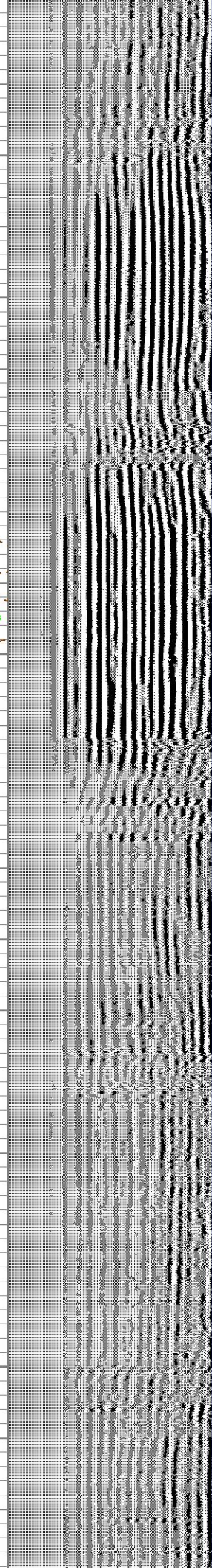
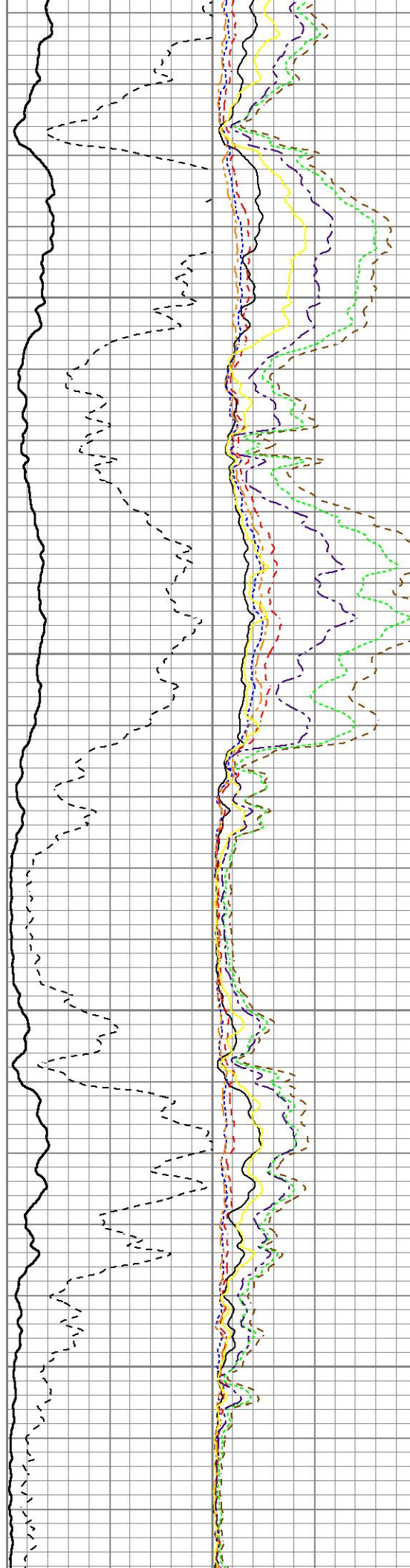


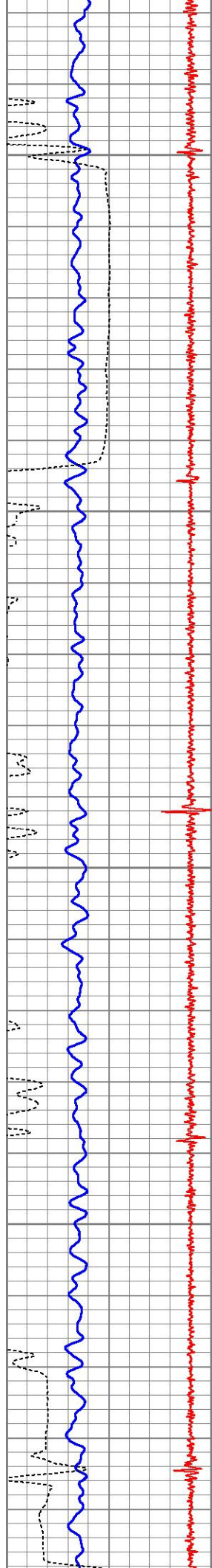
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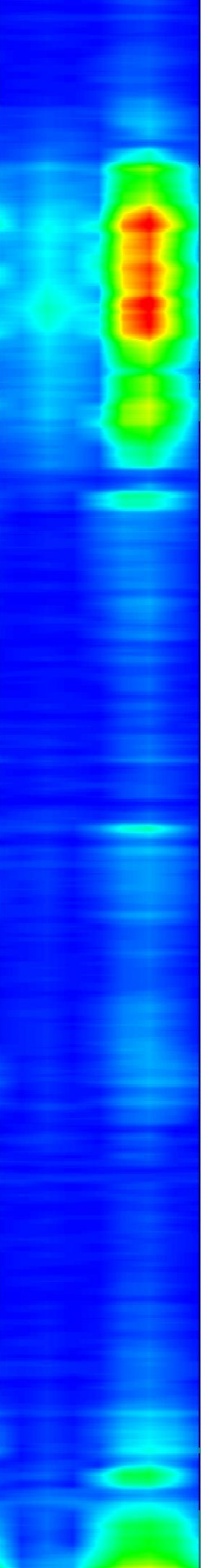
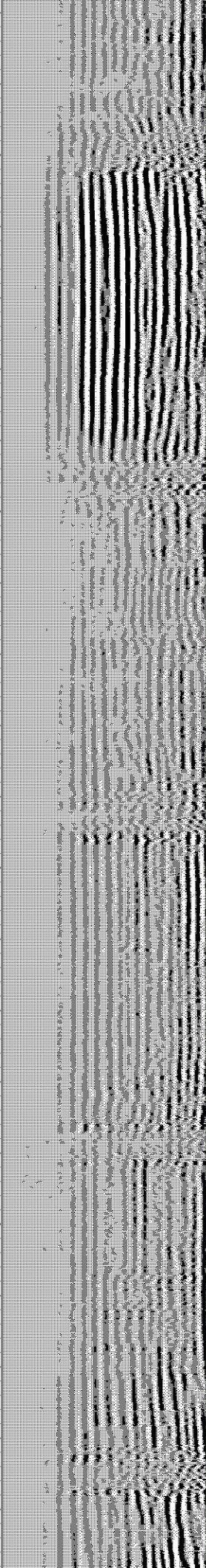
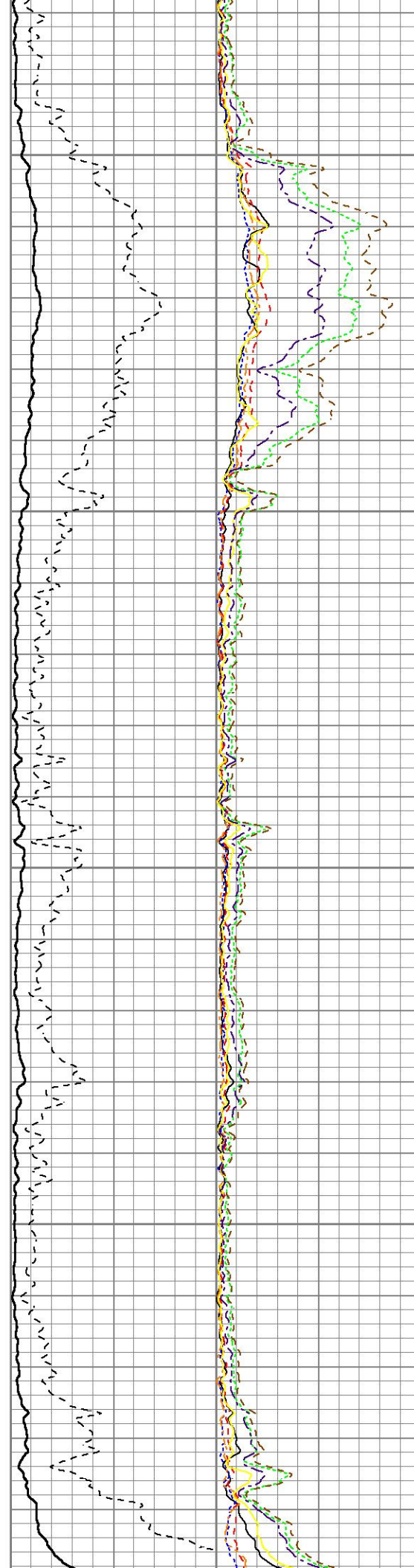


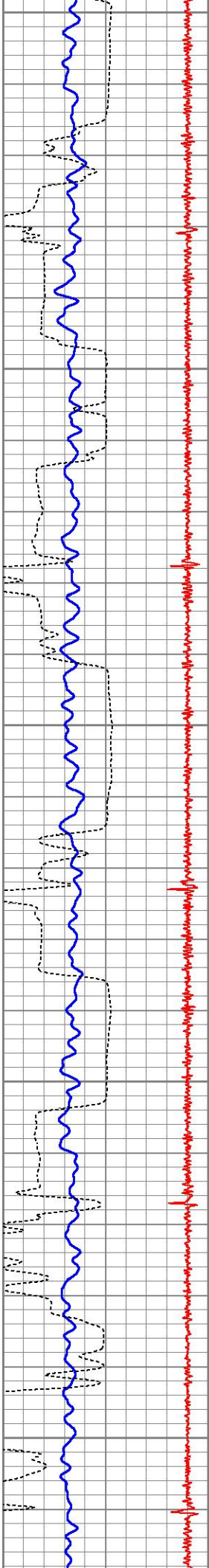
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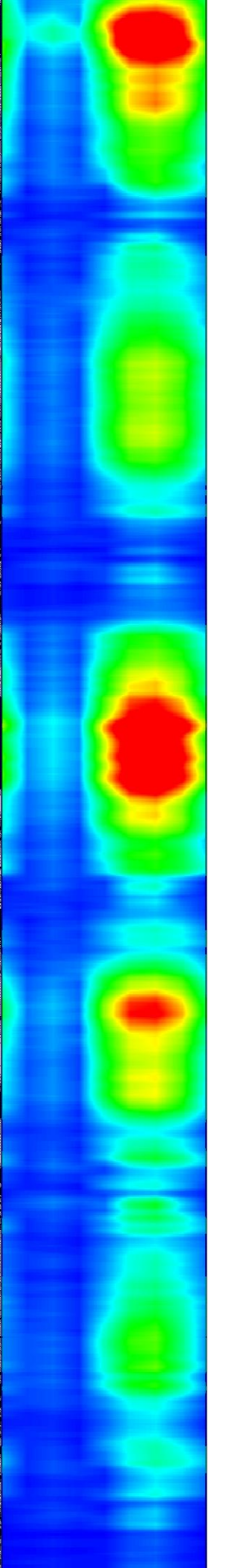
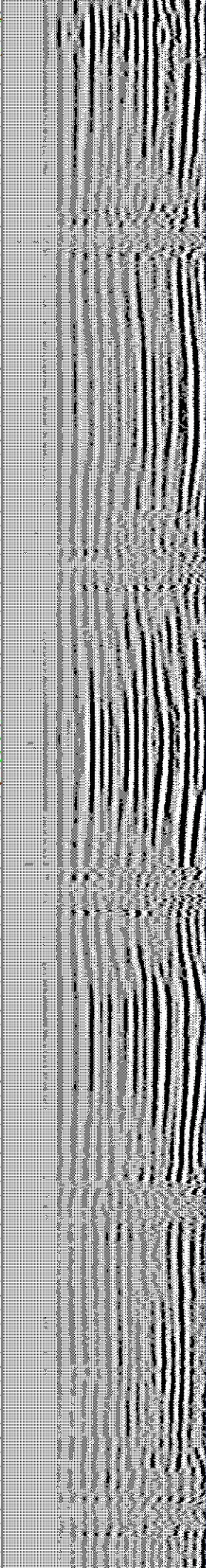
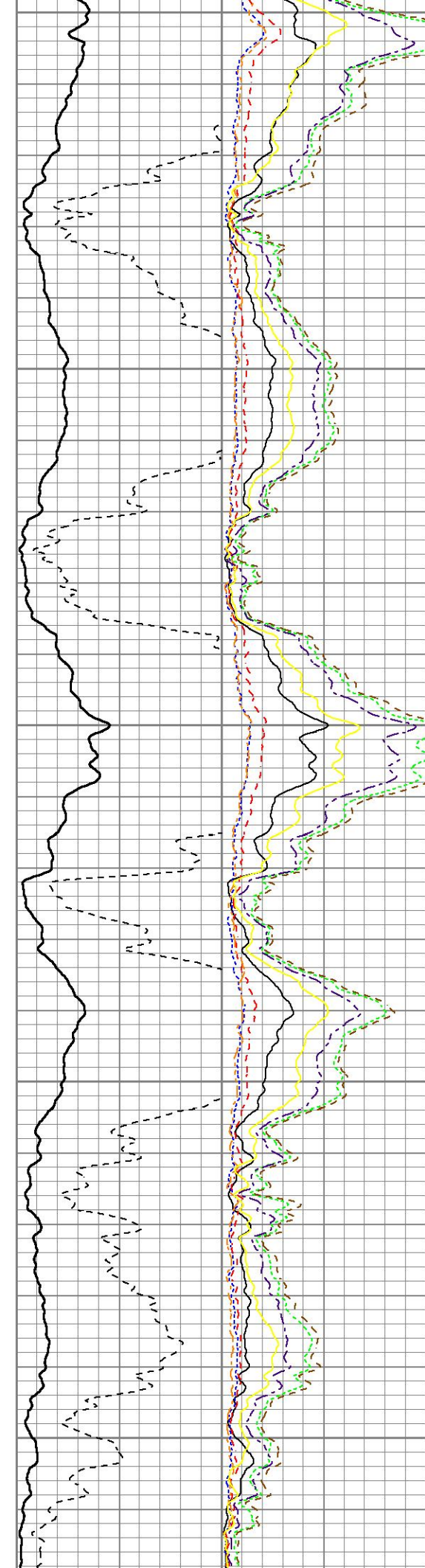
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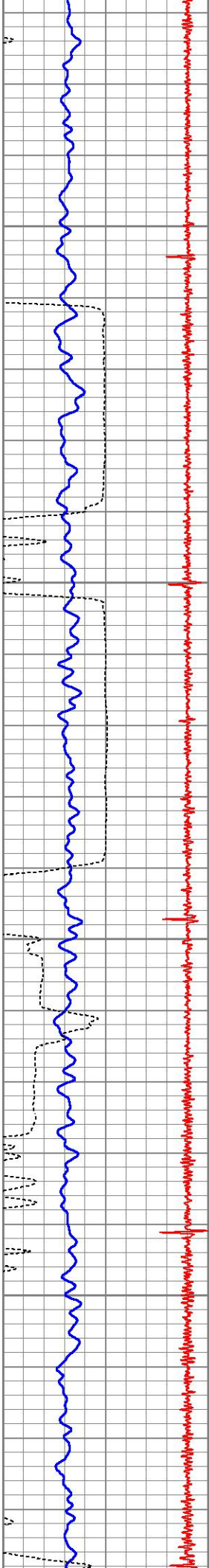
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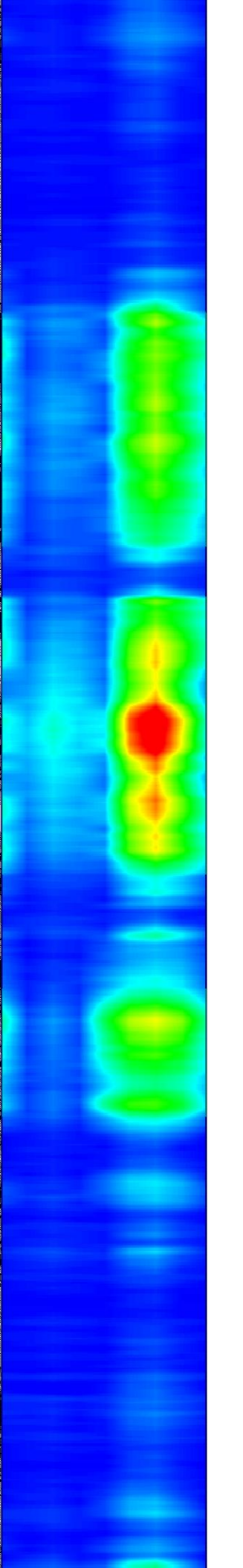
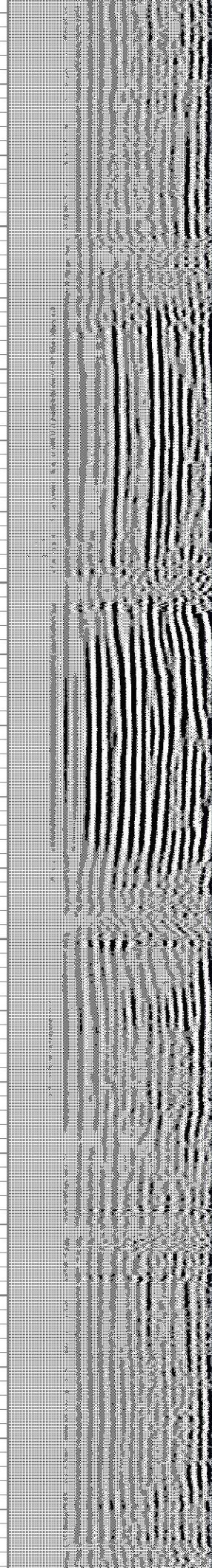
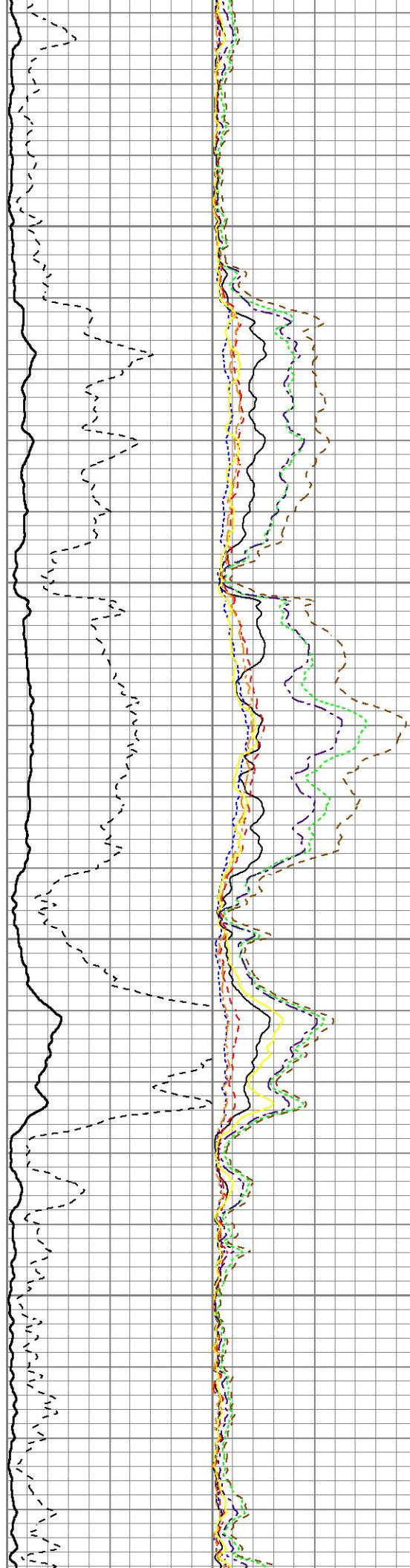


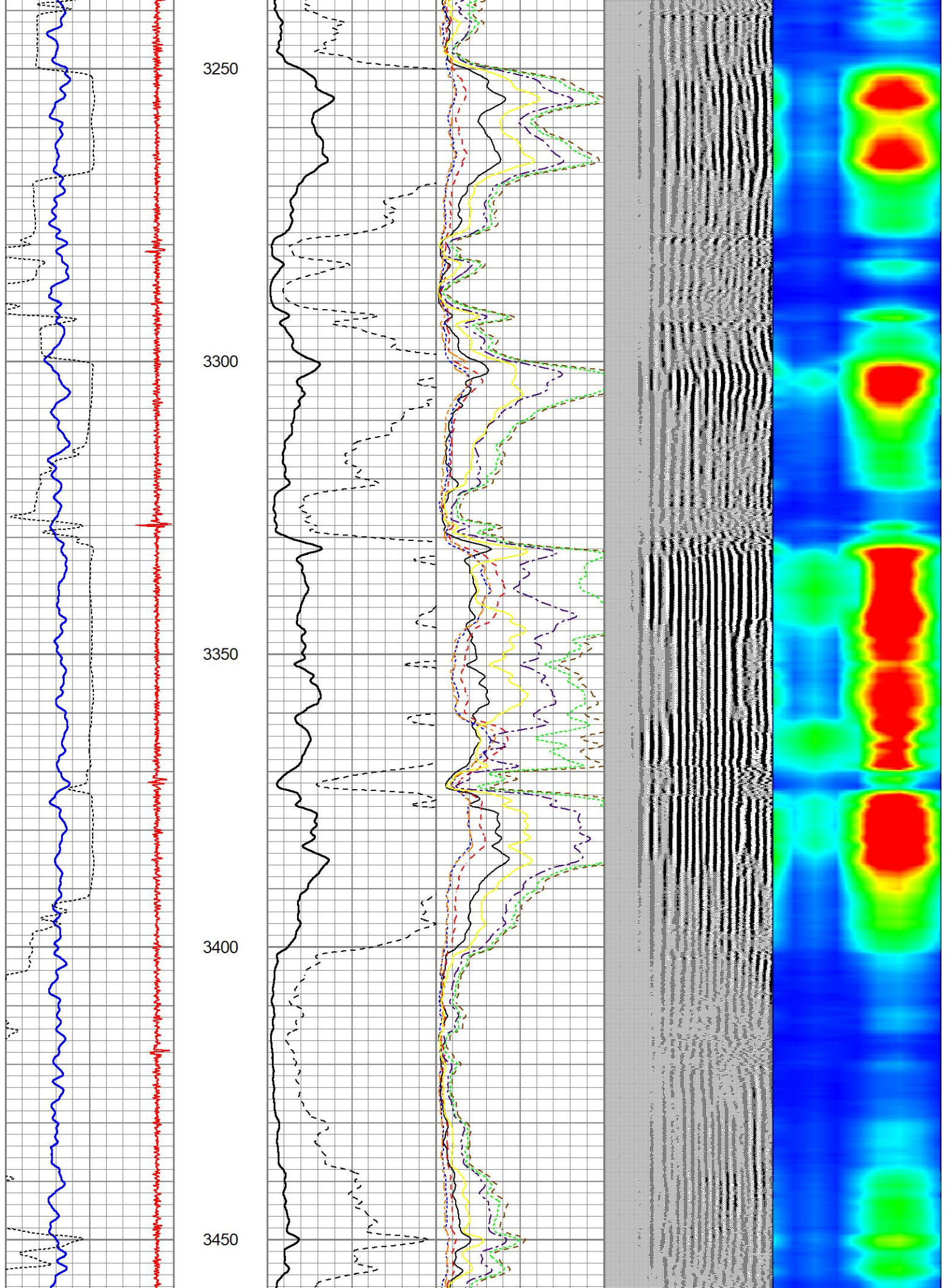
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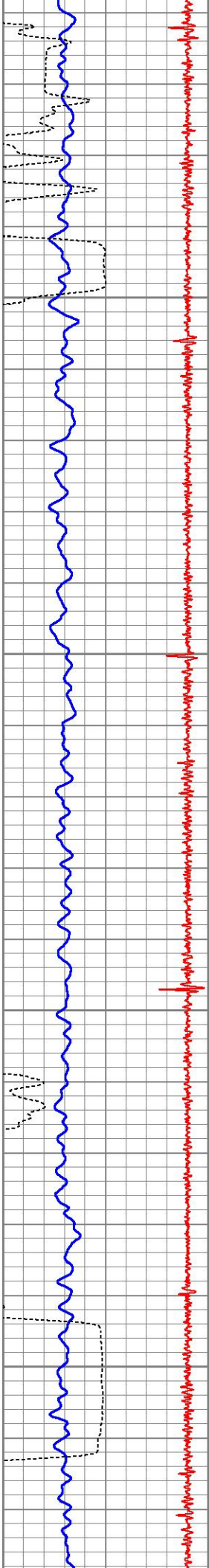
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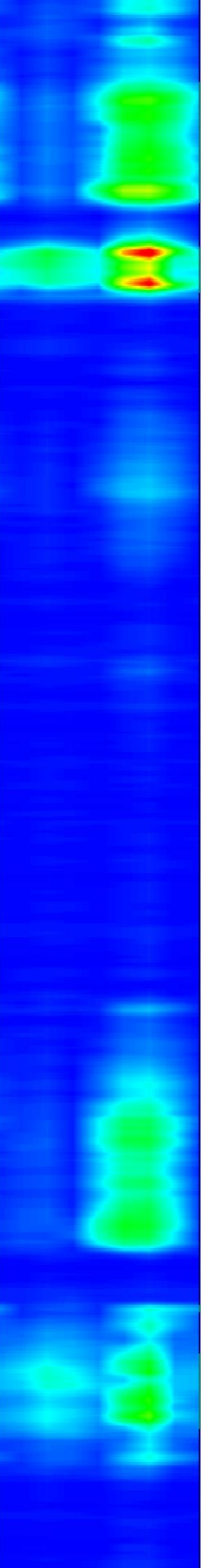
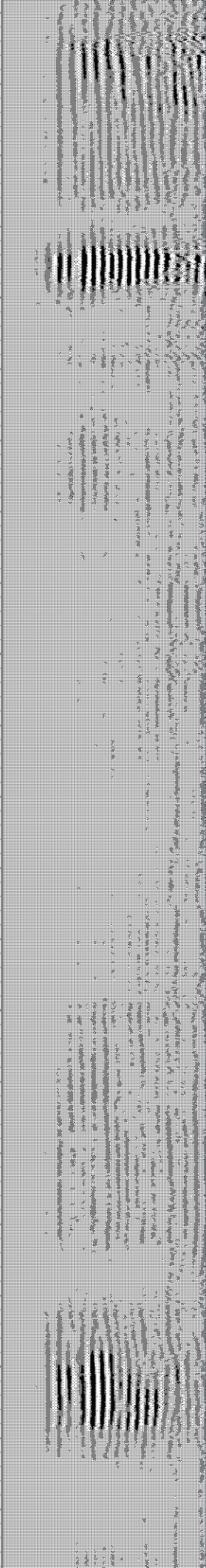
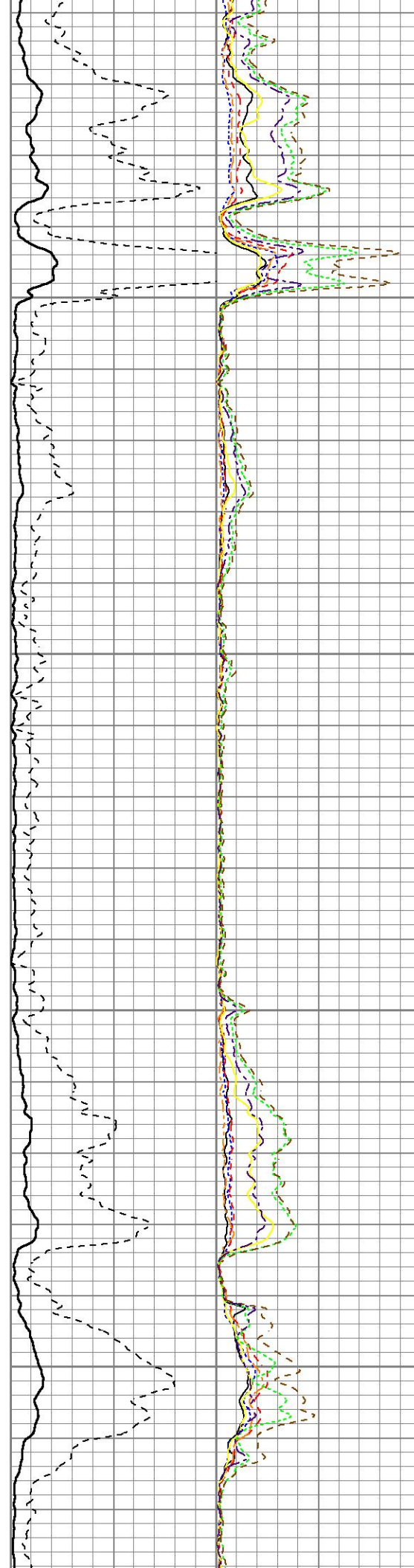


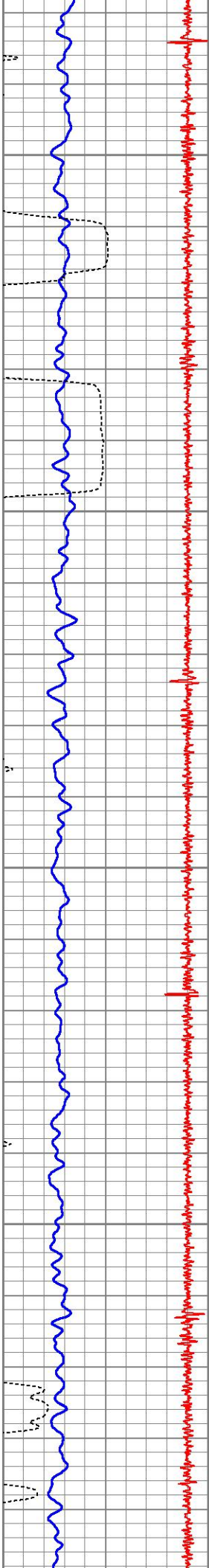
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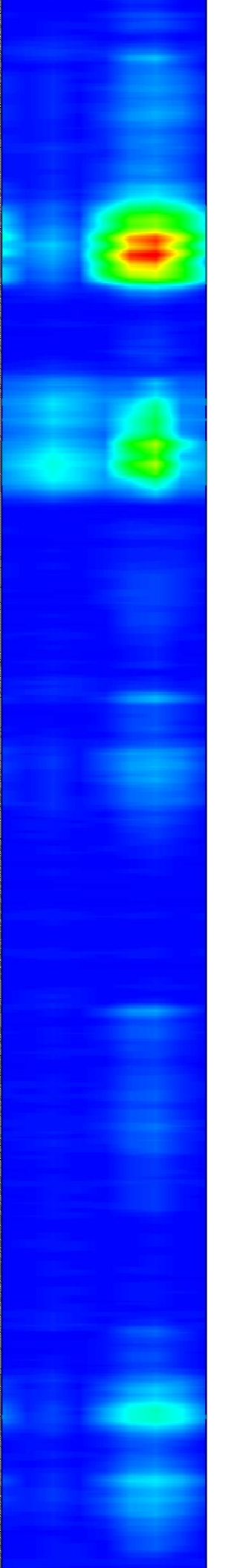
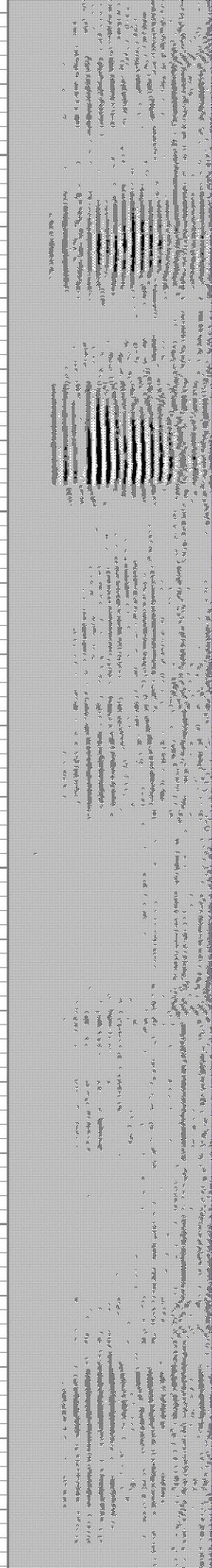
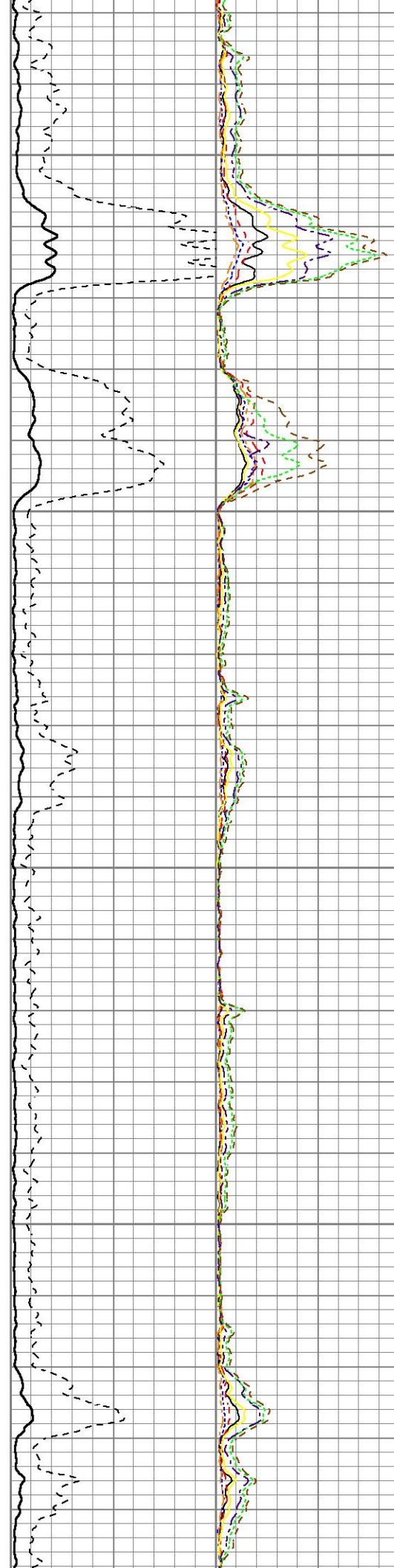


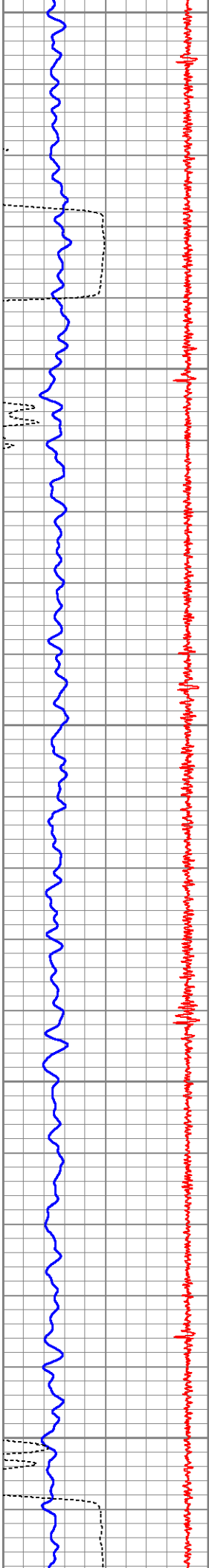
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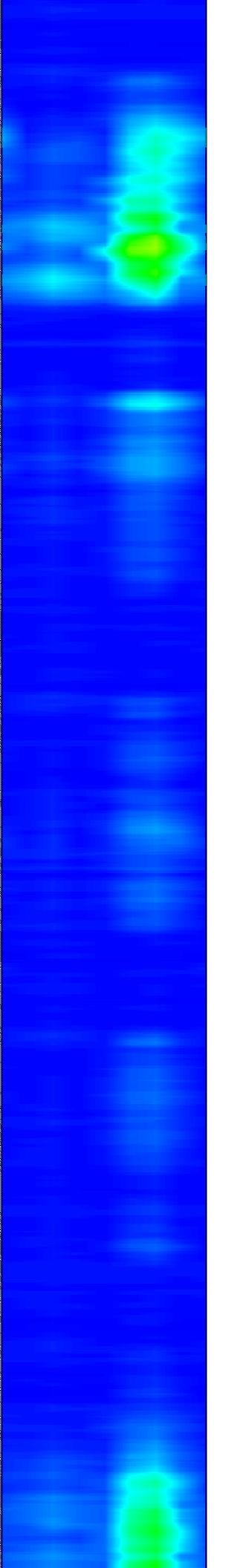
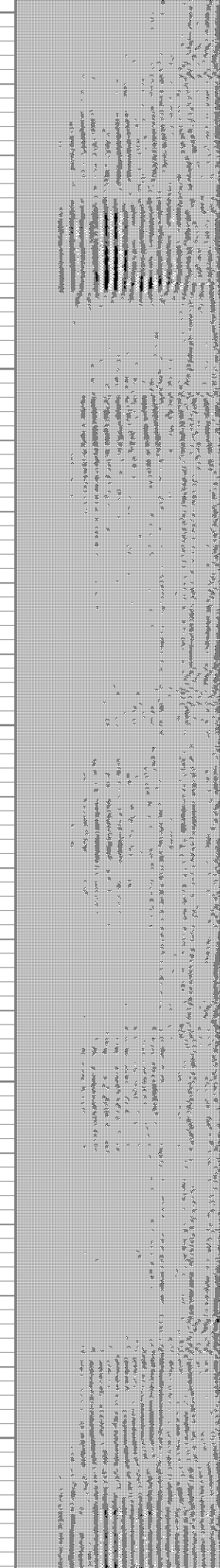
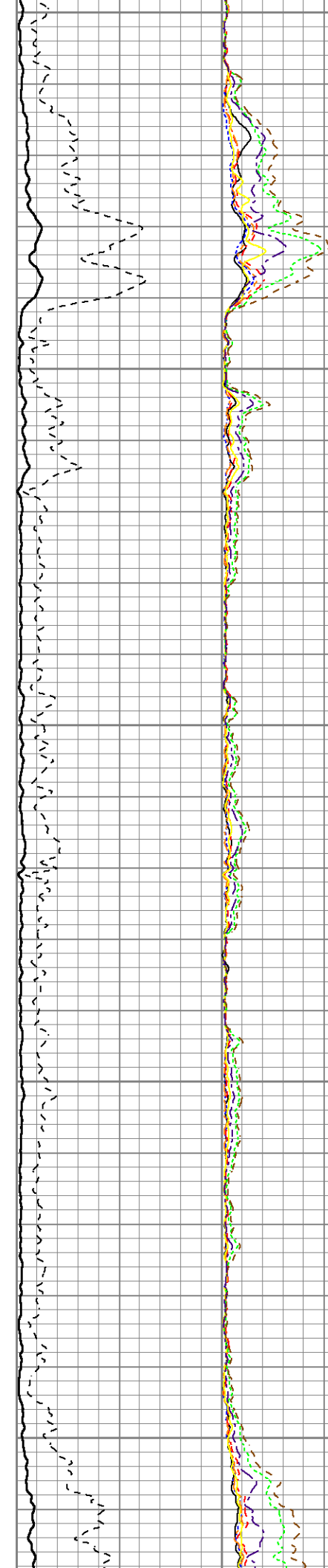
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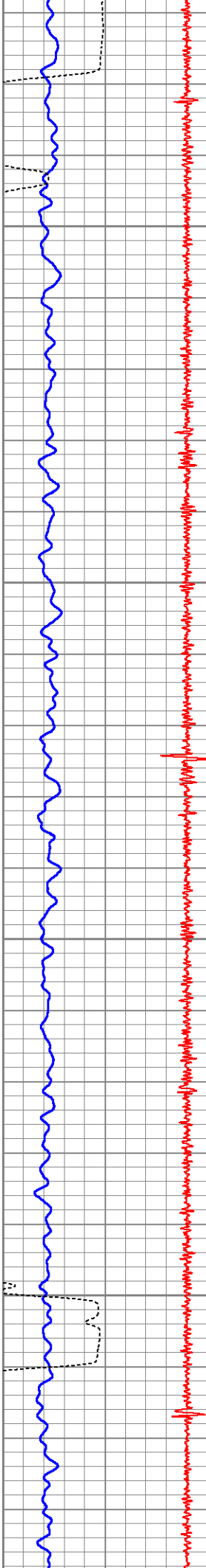
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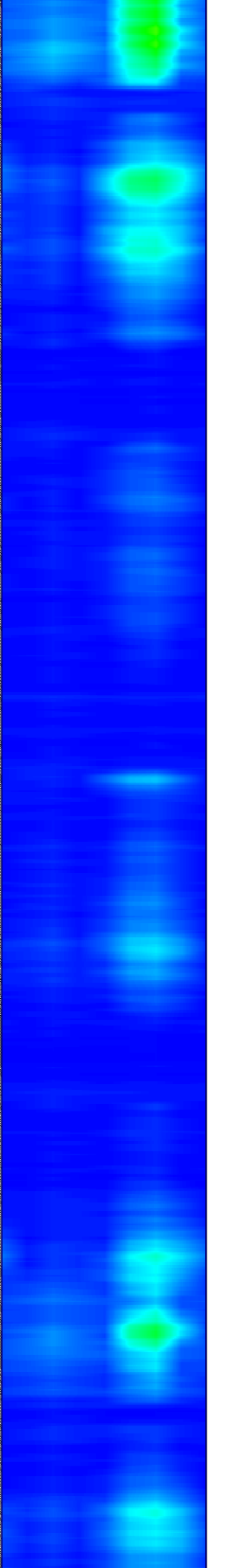
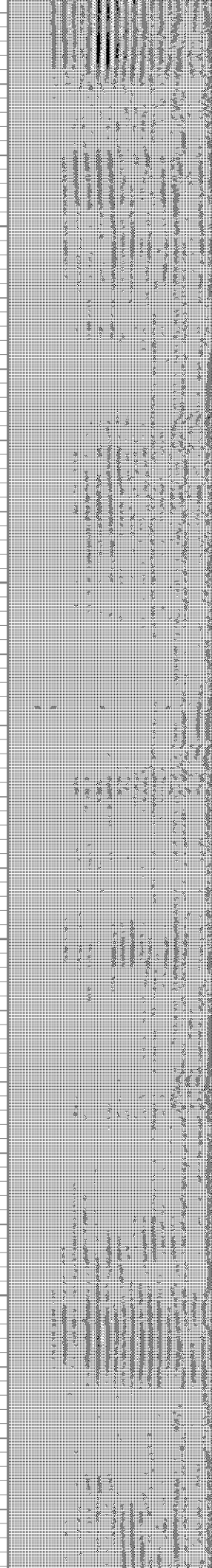
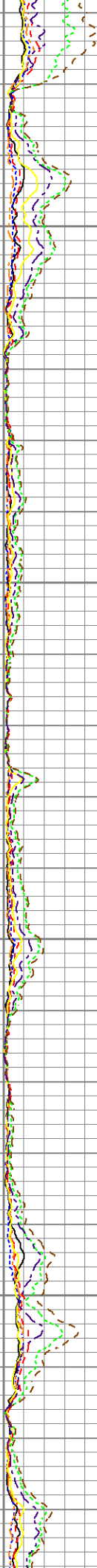
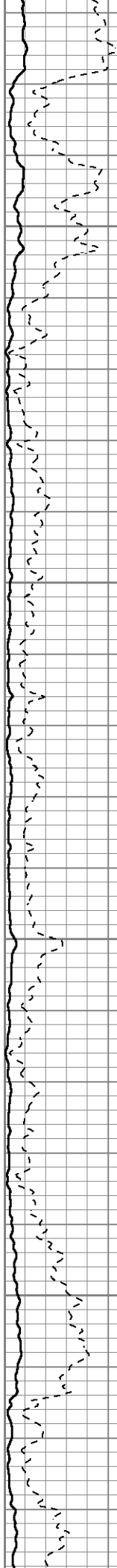
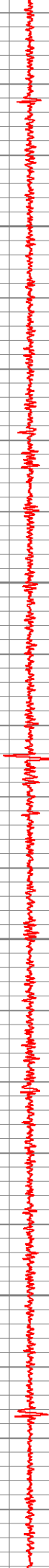


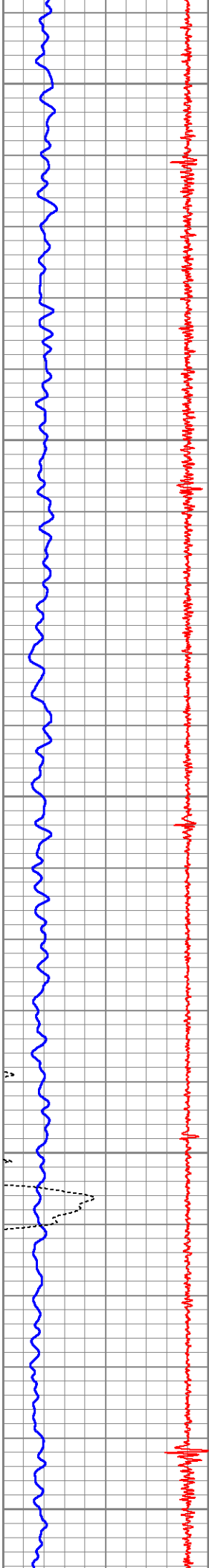
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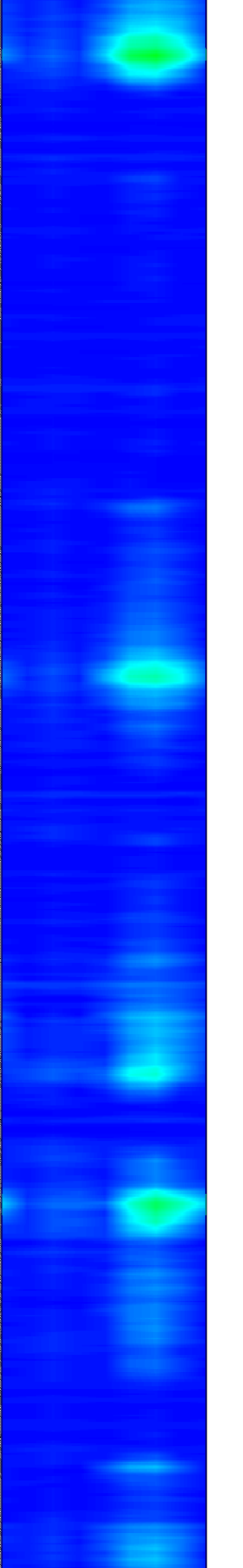
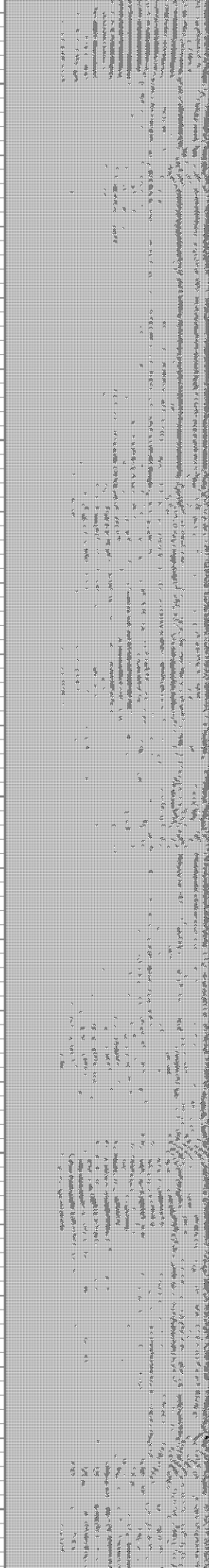
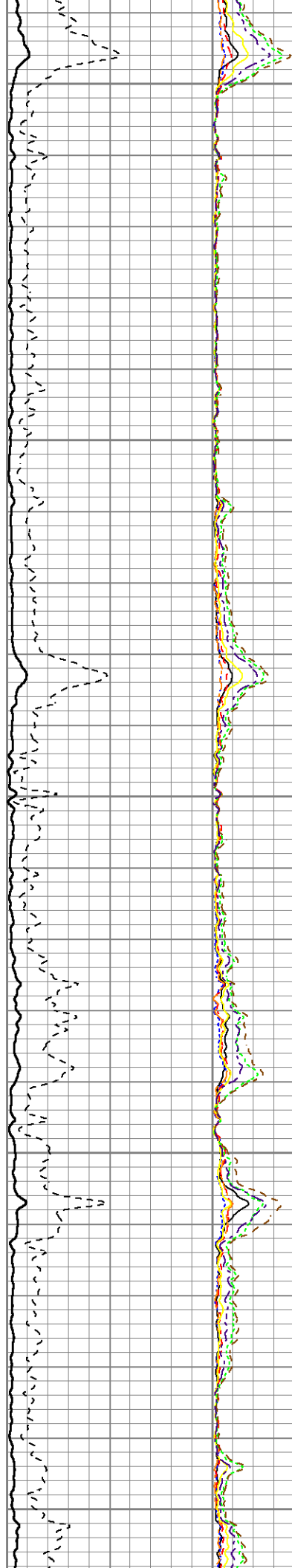
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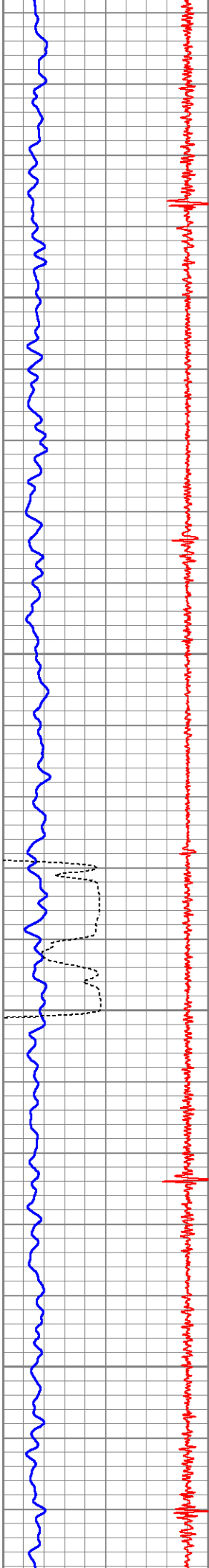
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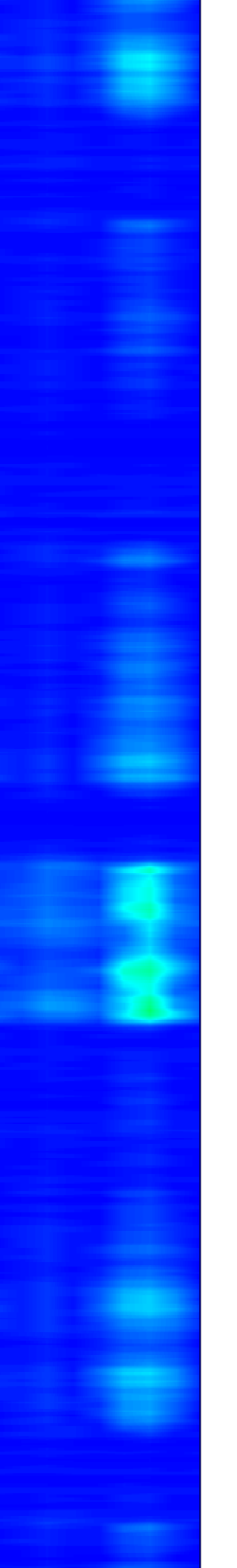
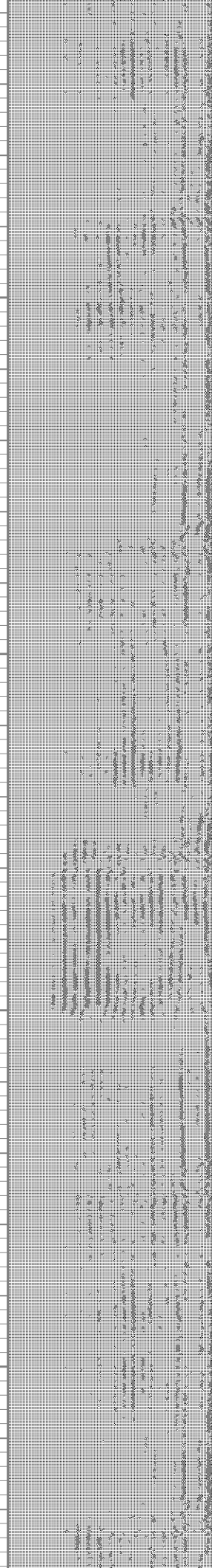
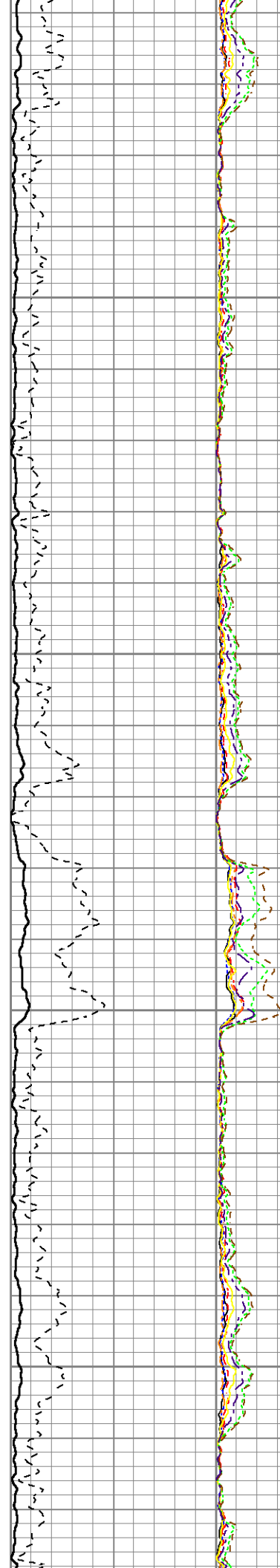


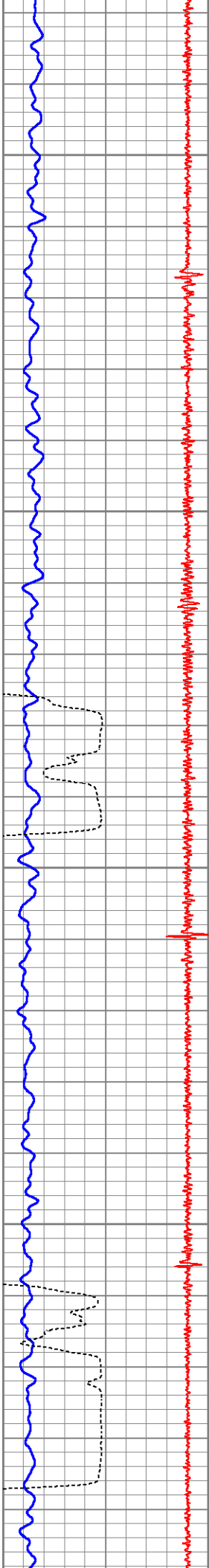
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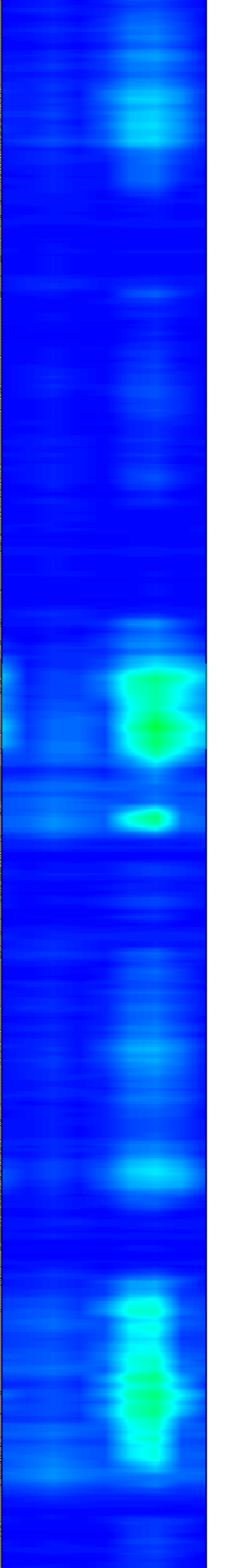
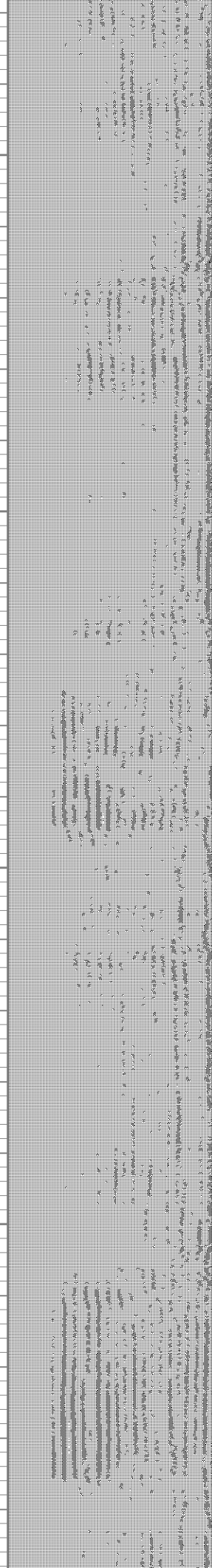
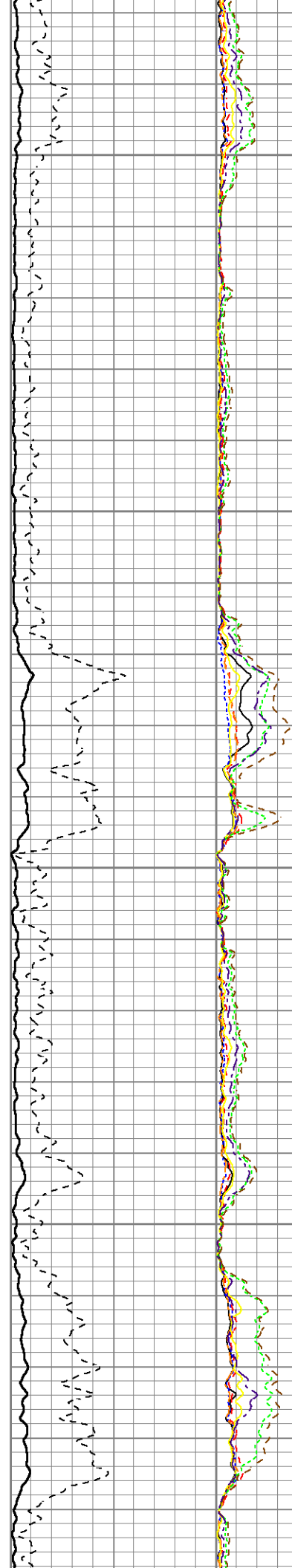


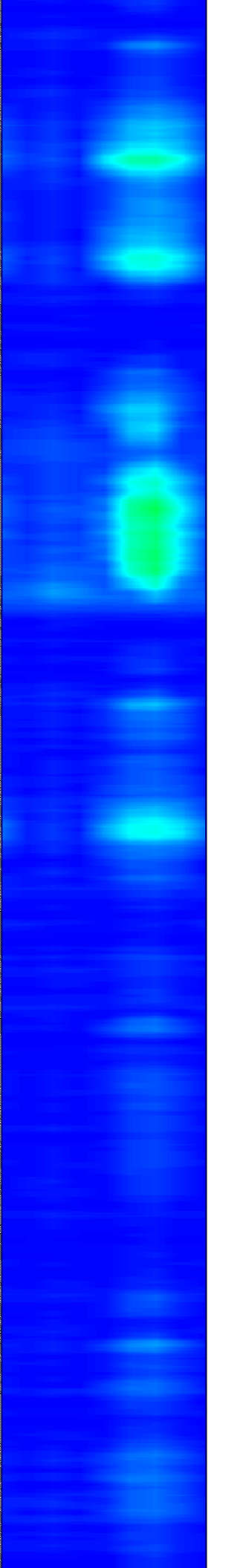
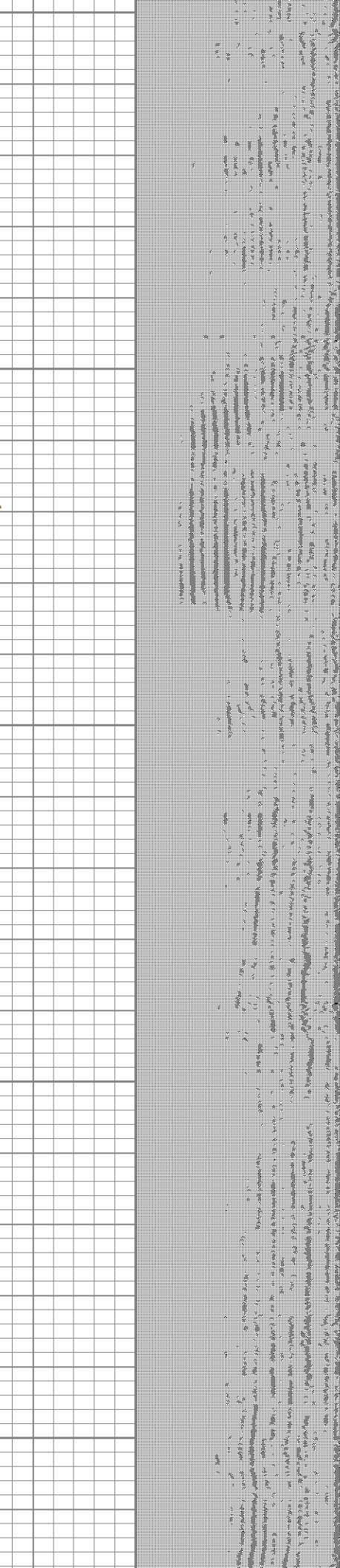
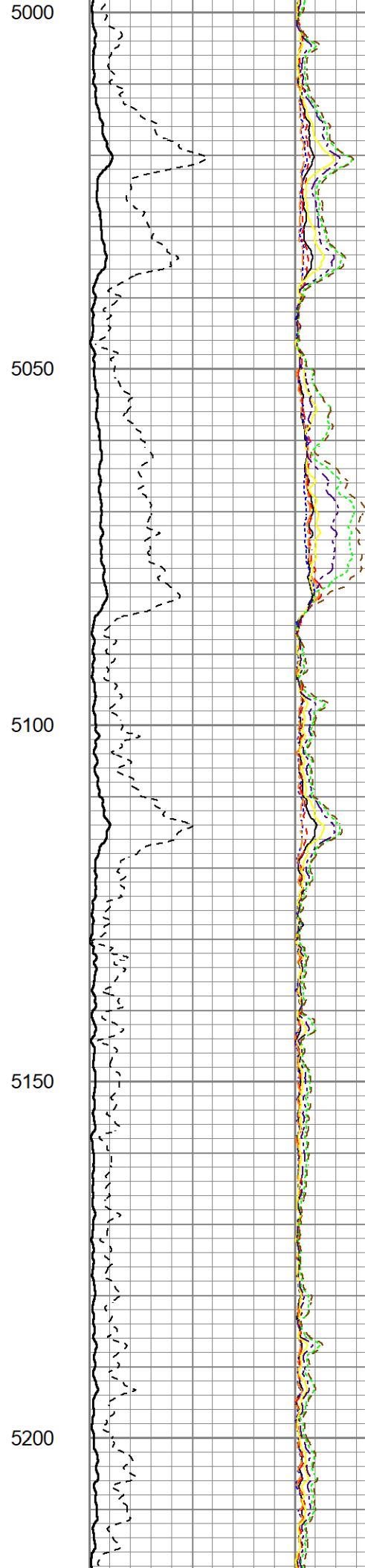
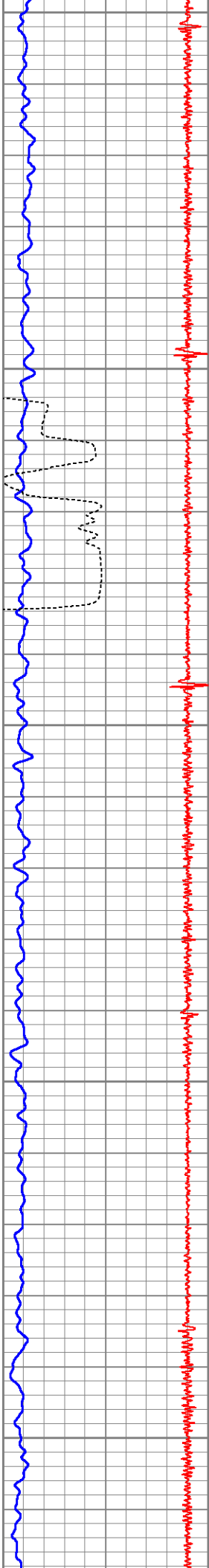
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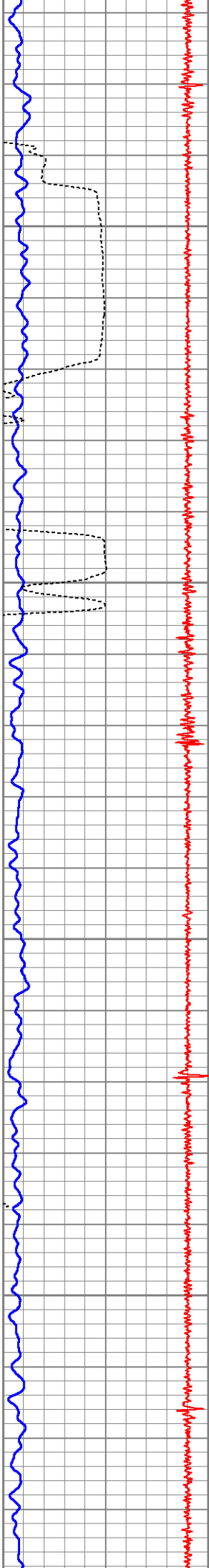
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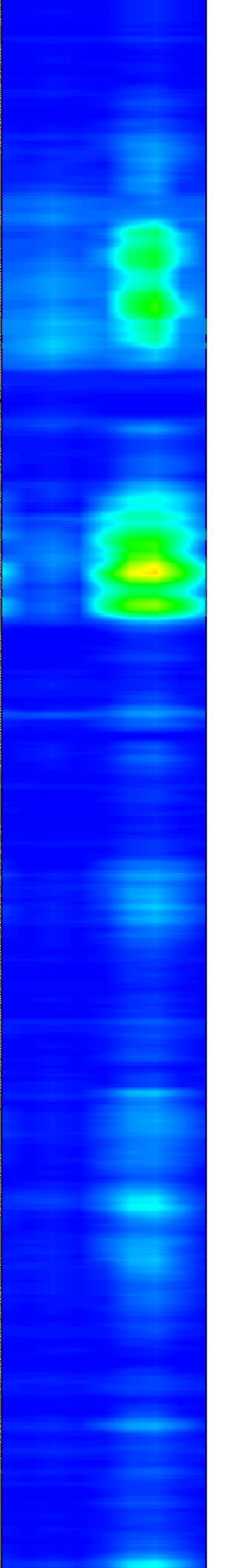
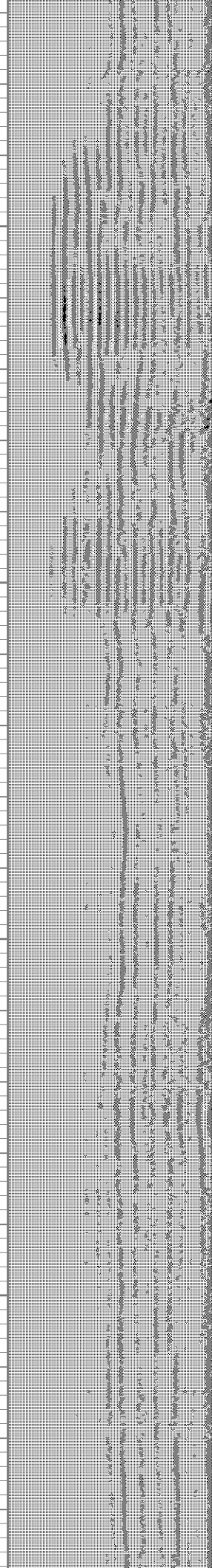
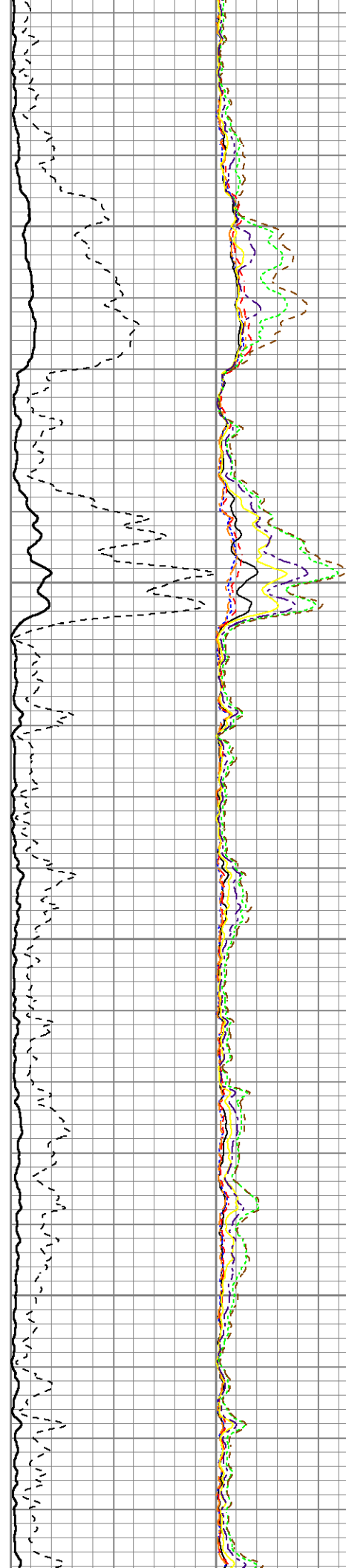


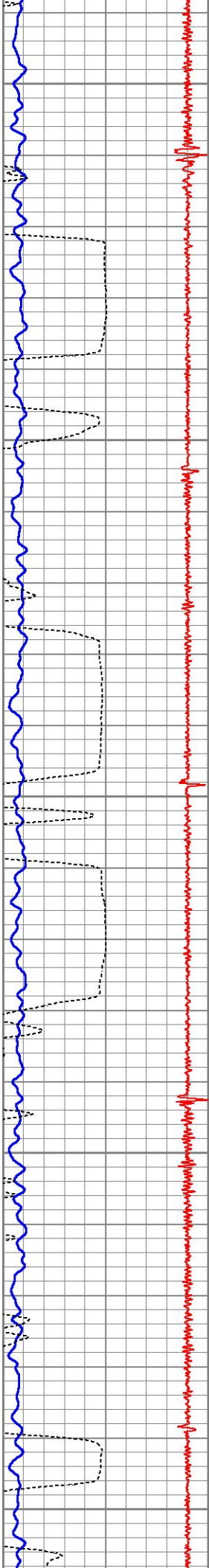
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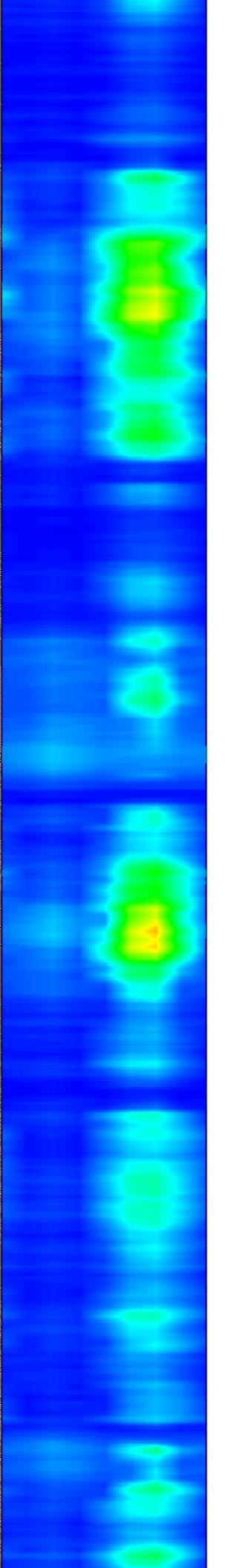
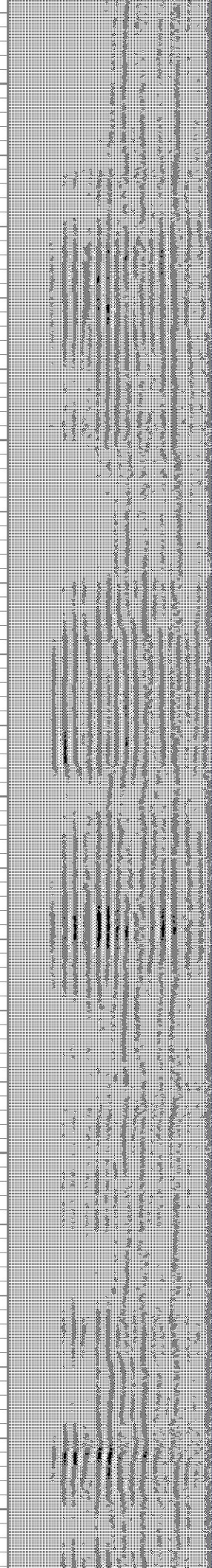
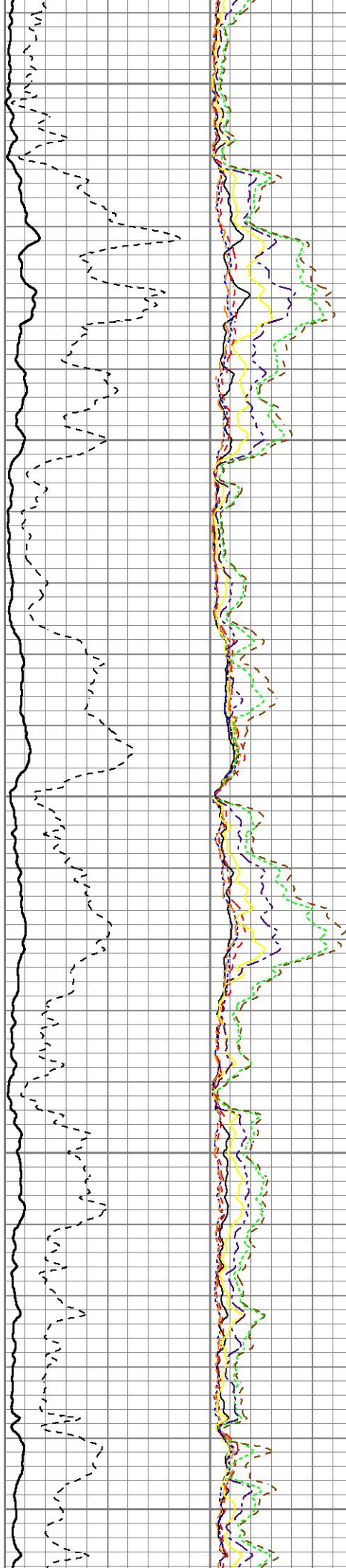
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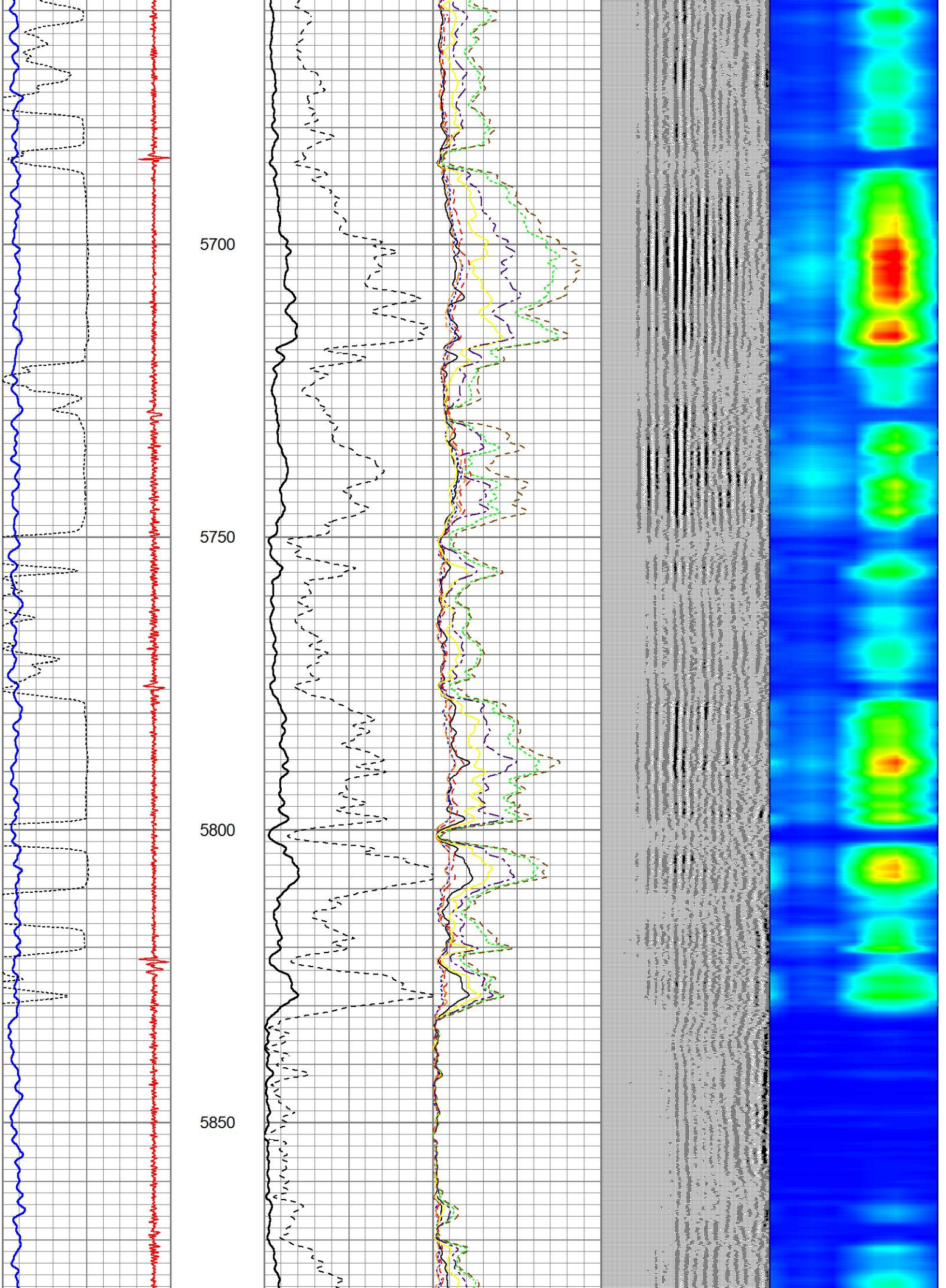
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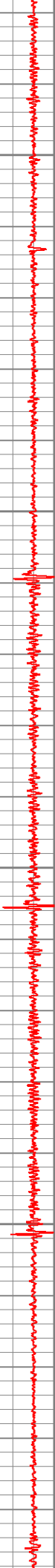
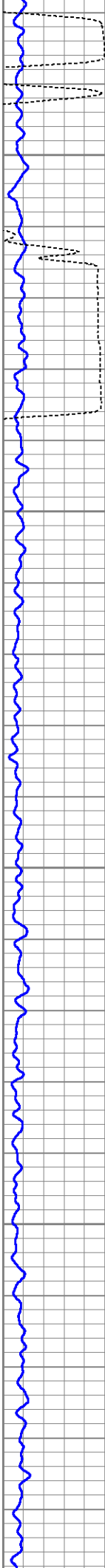




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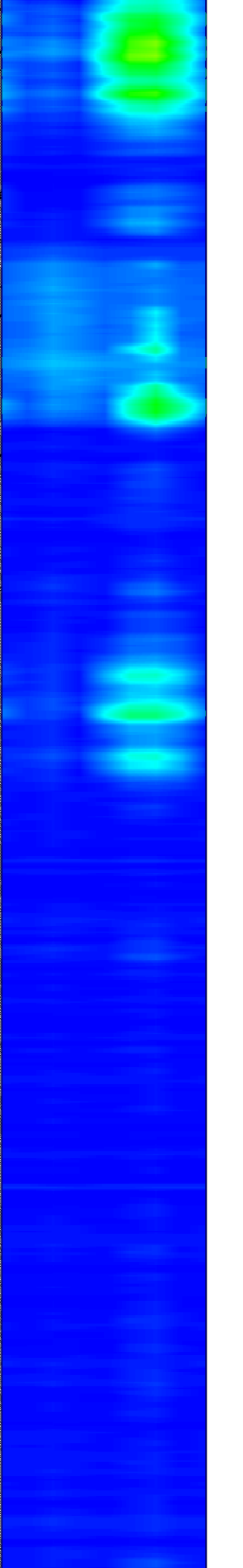
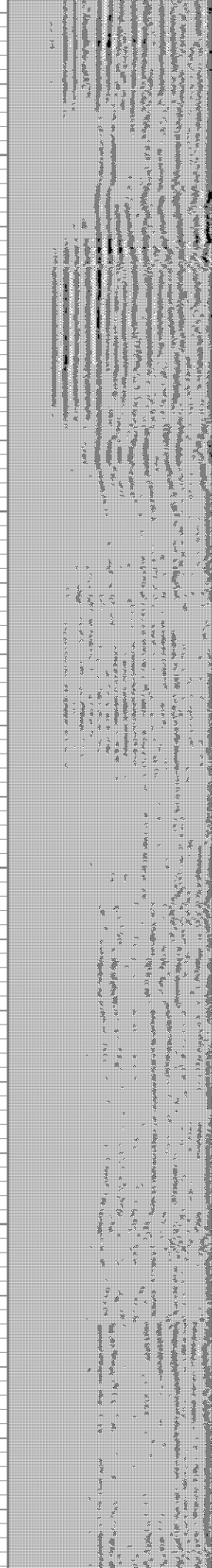
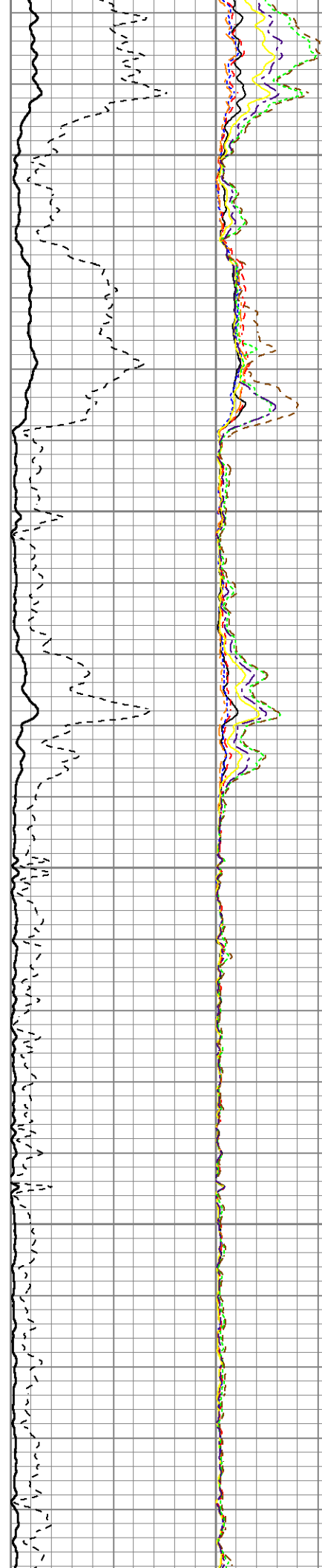


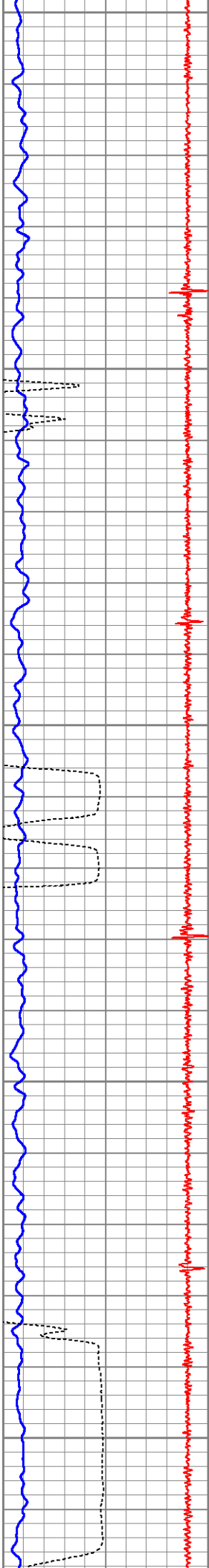
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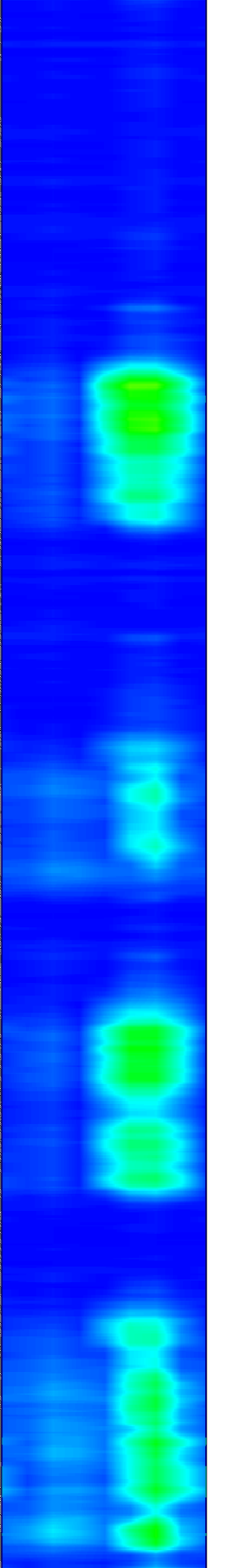
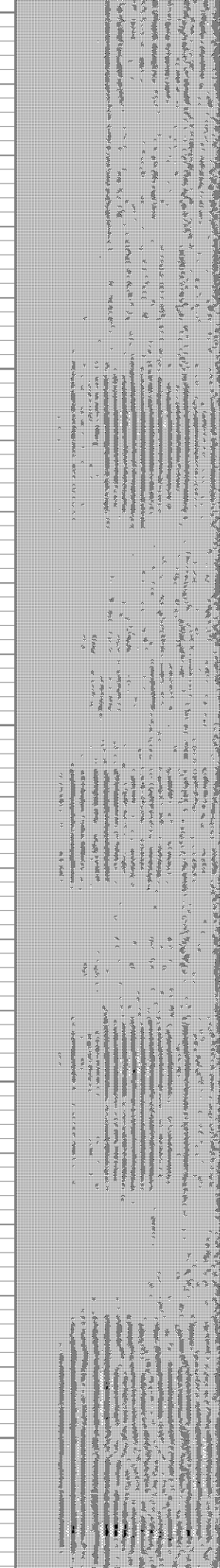
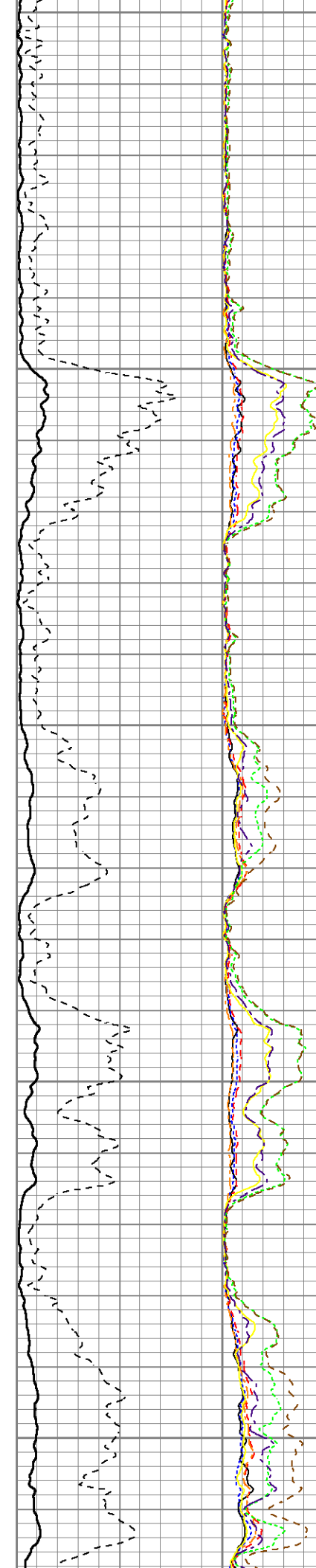
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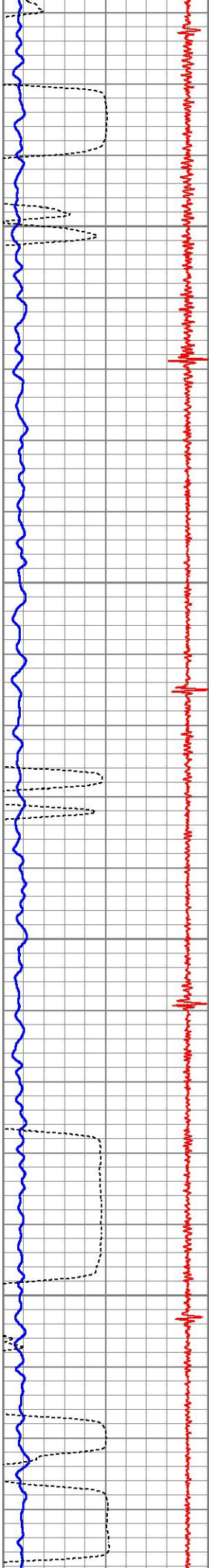
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6150
6200
6250
6300



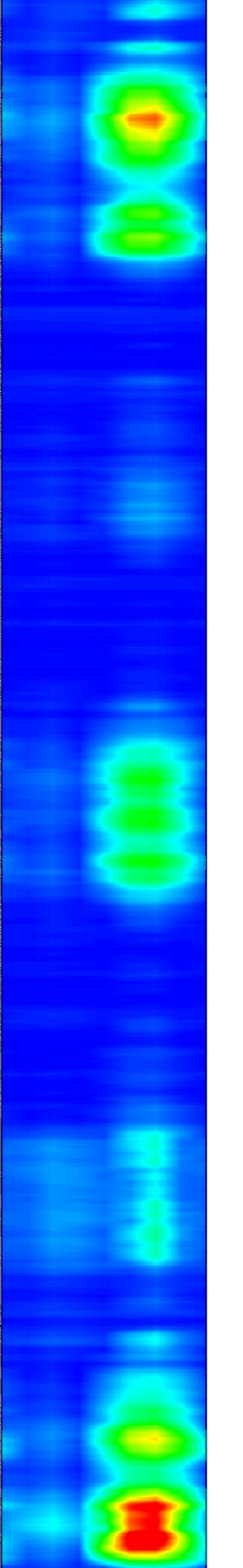
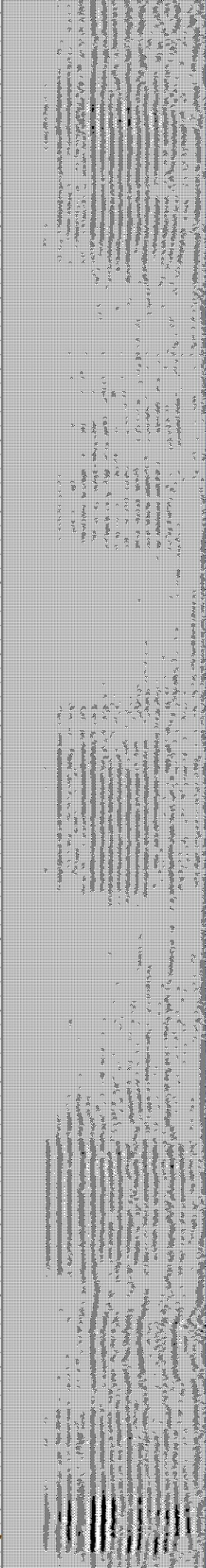
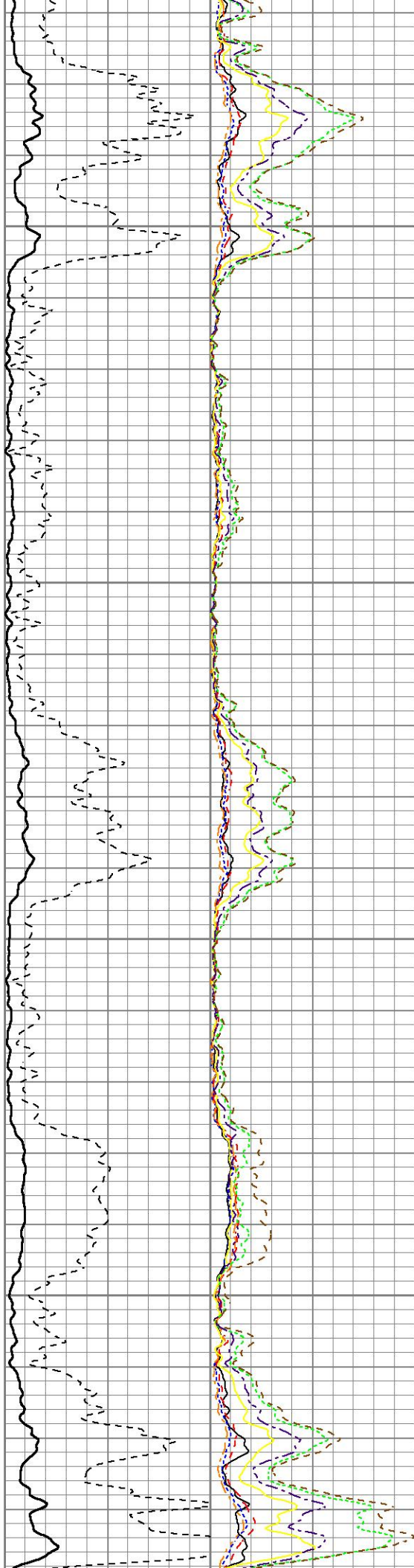


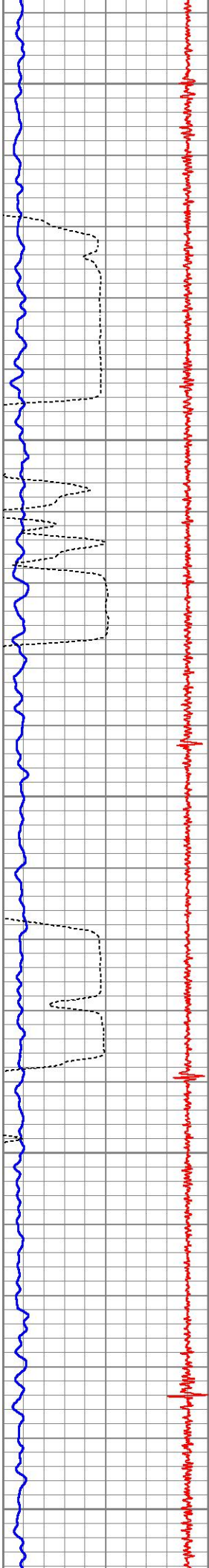
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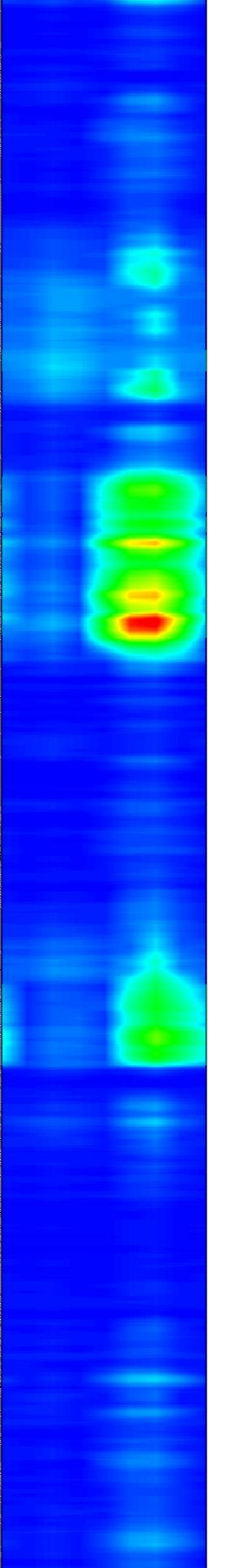
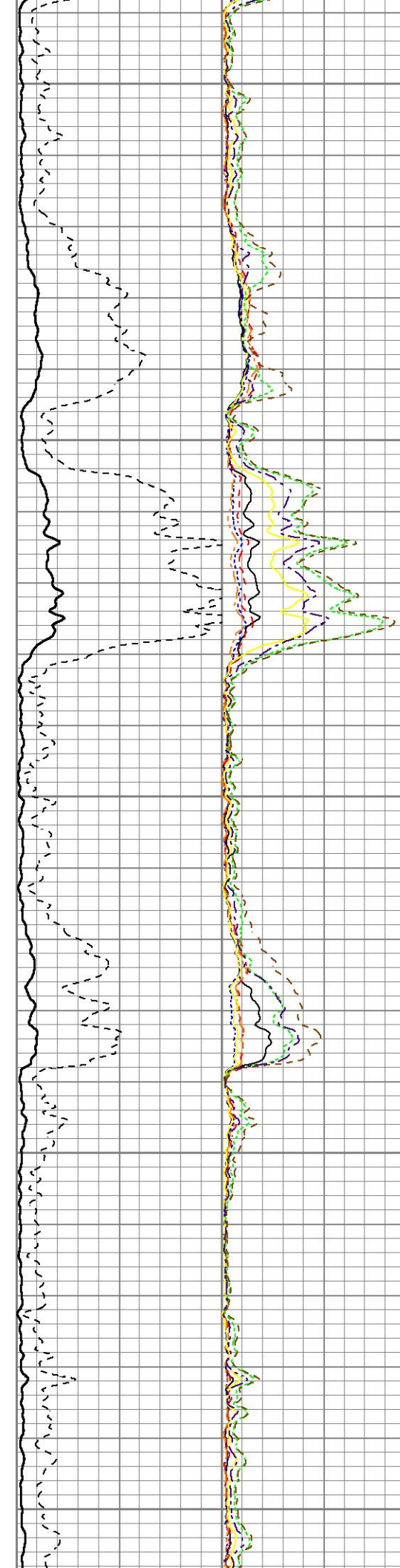
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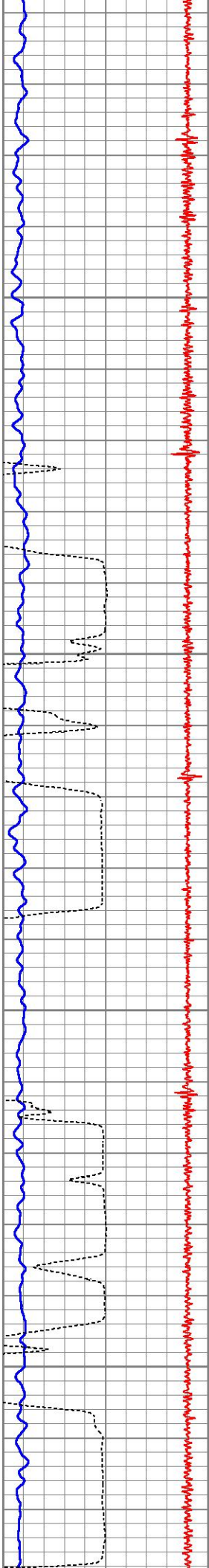
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6700
6750



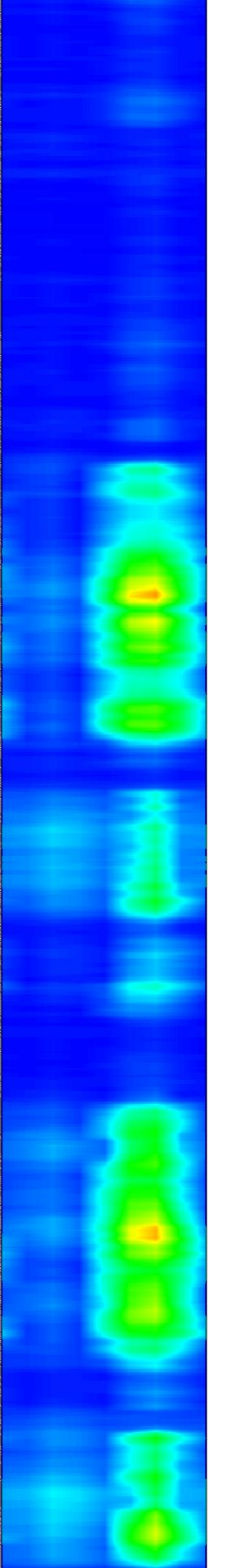
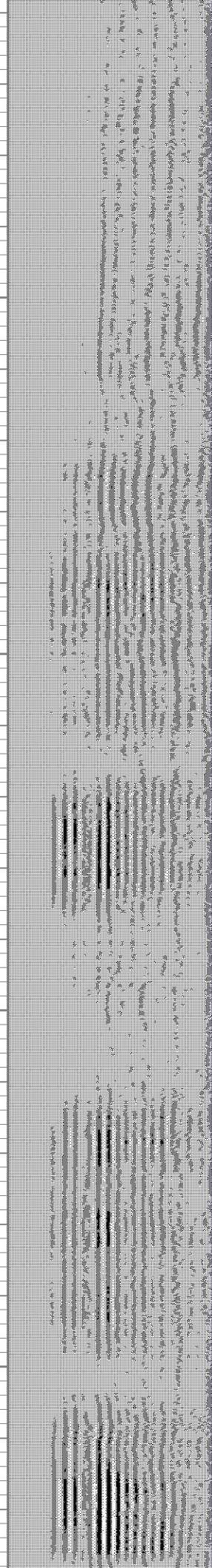
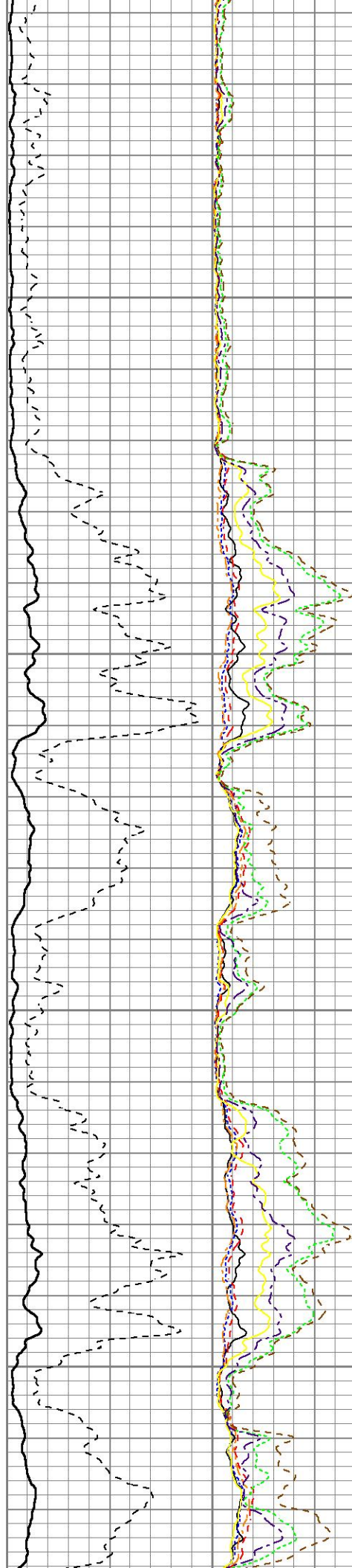


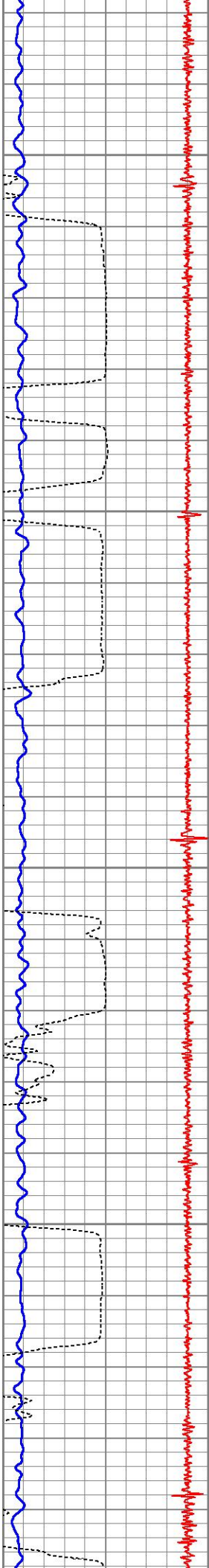
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6950



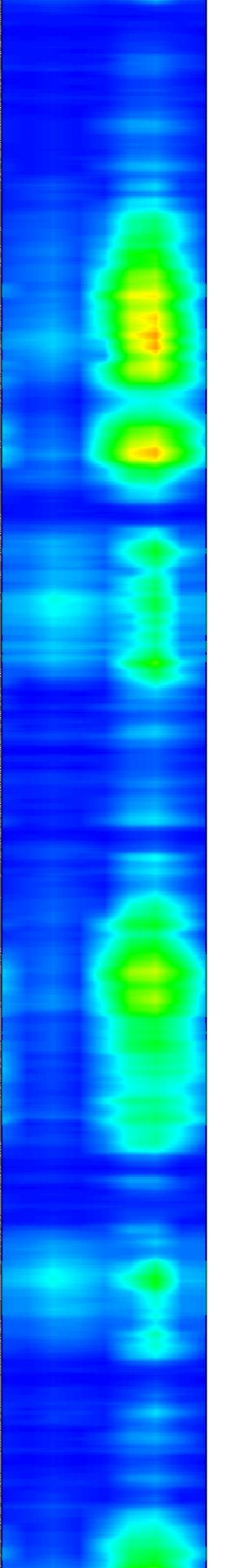
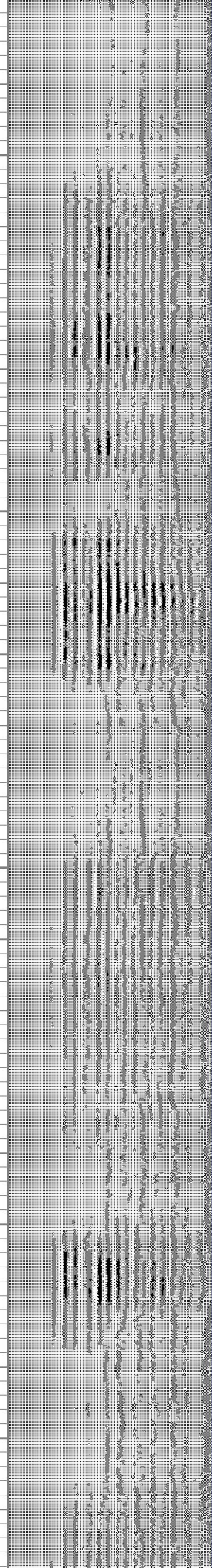
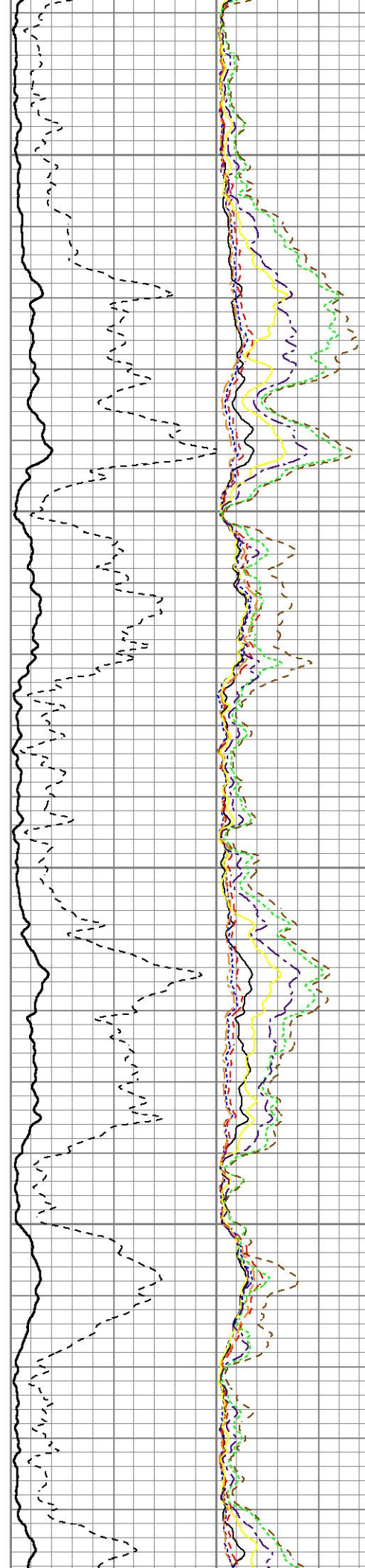


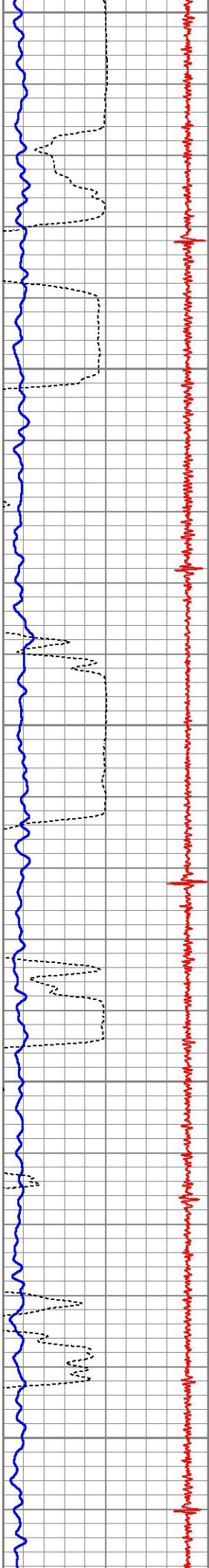
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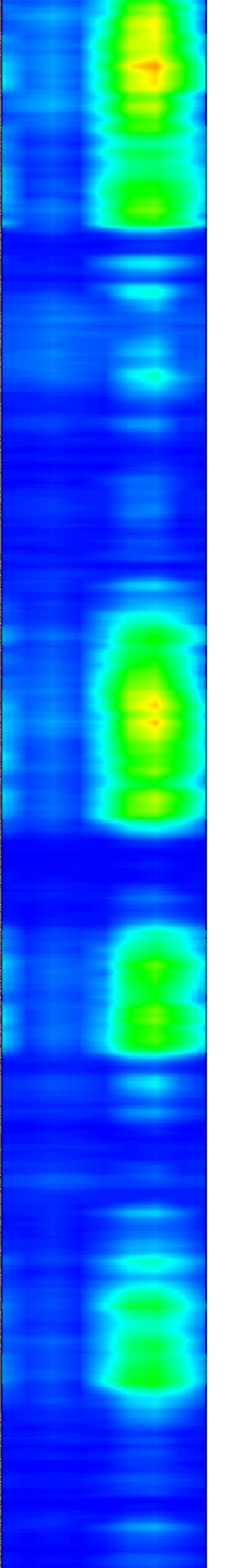
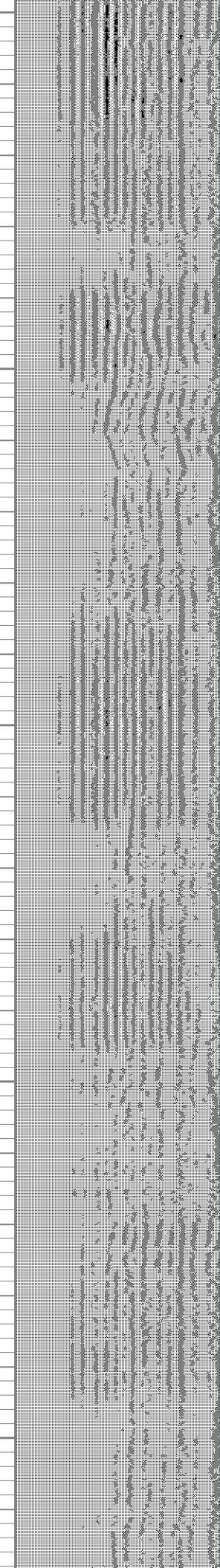
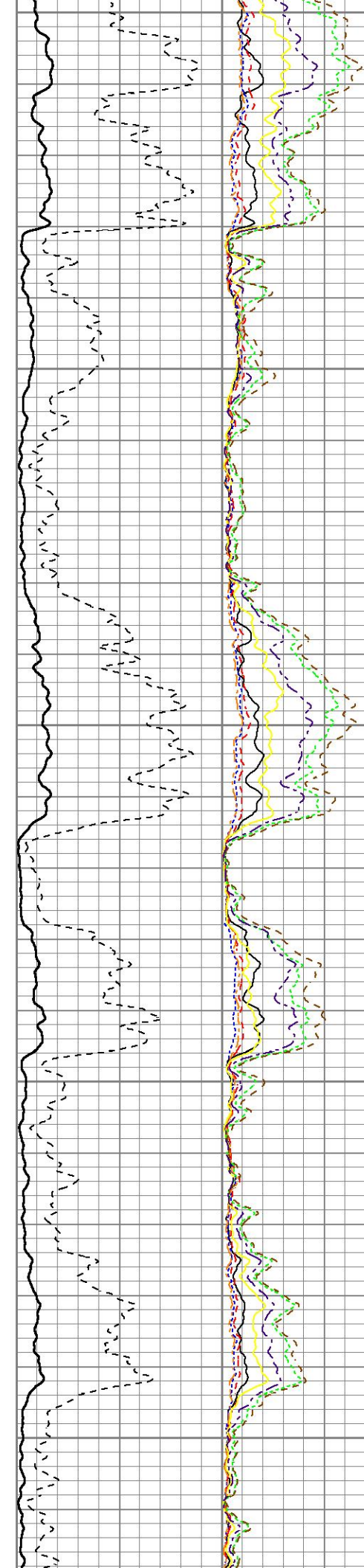
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7150





7200
7250
7300
7350
7400



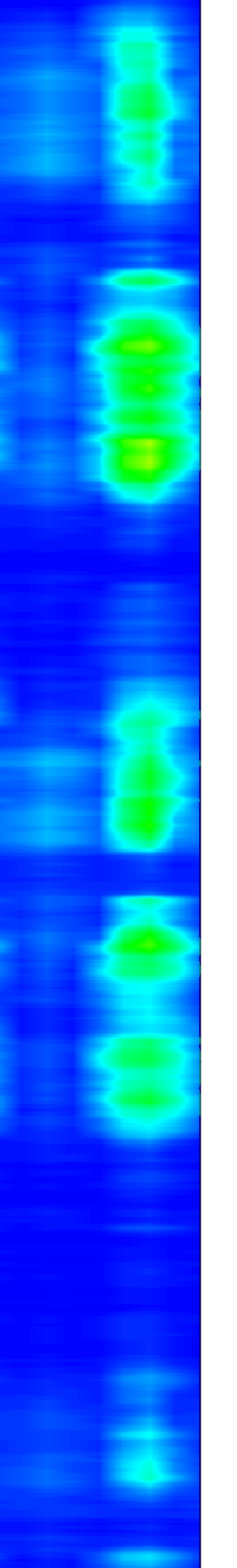
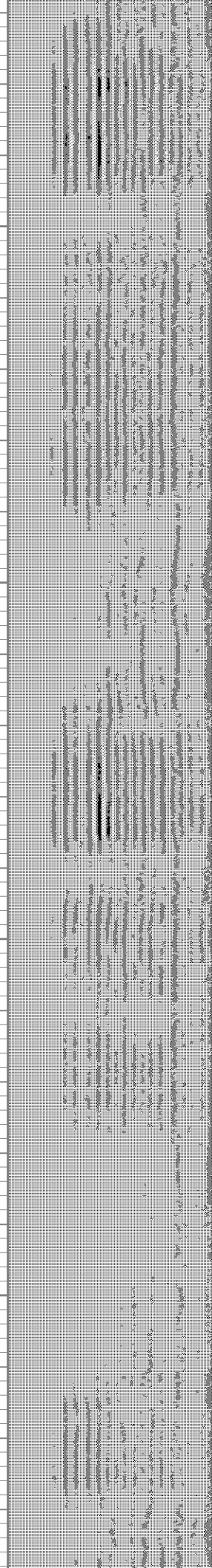
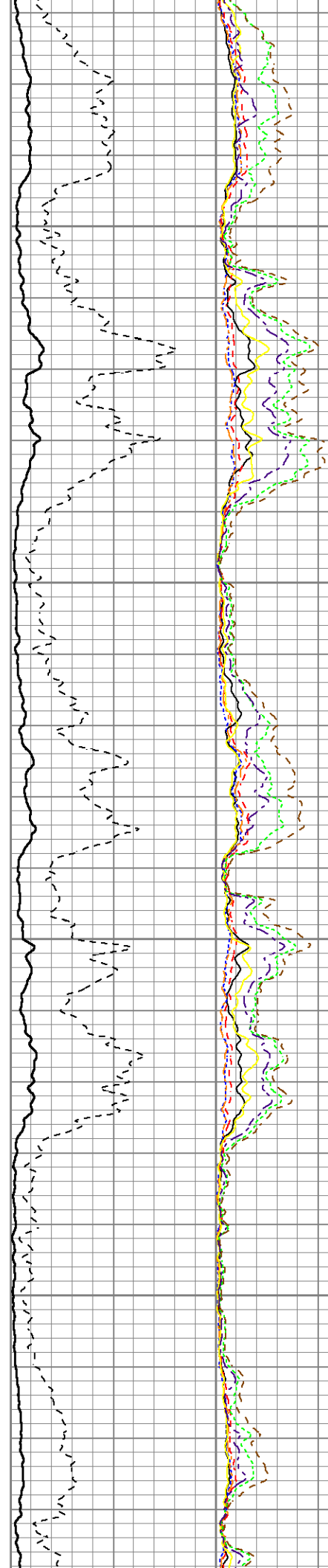


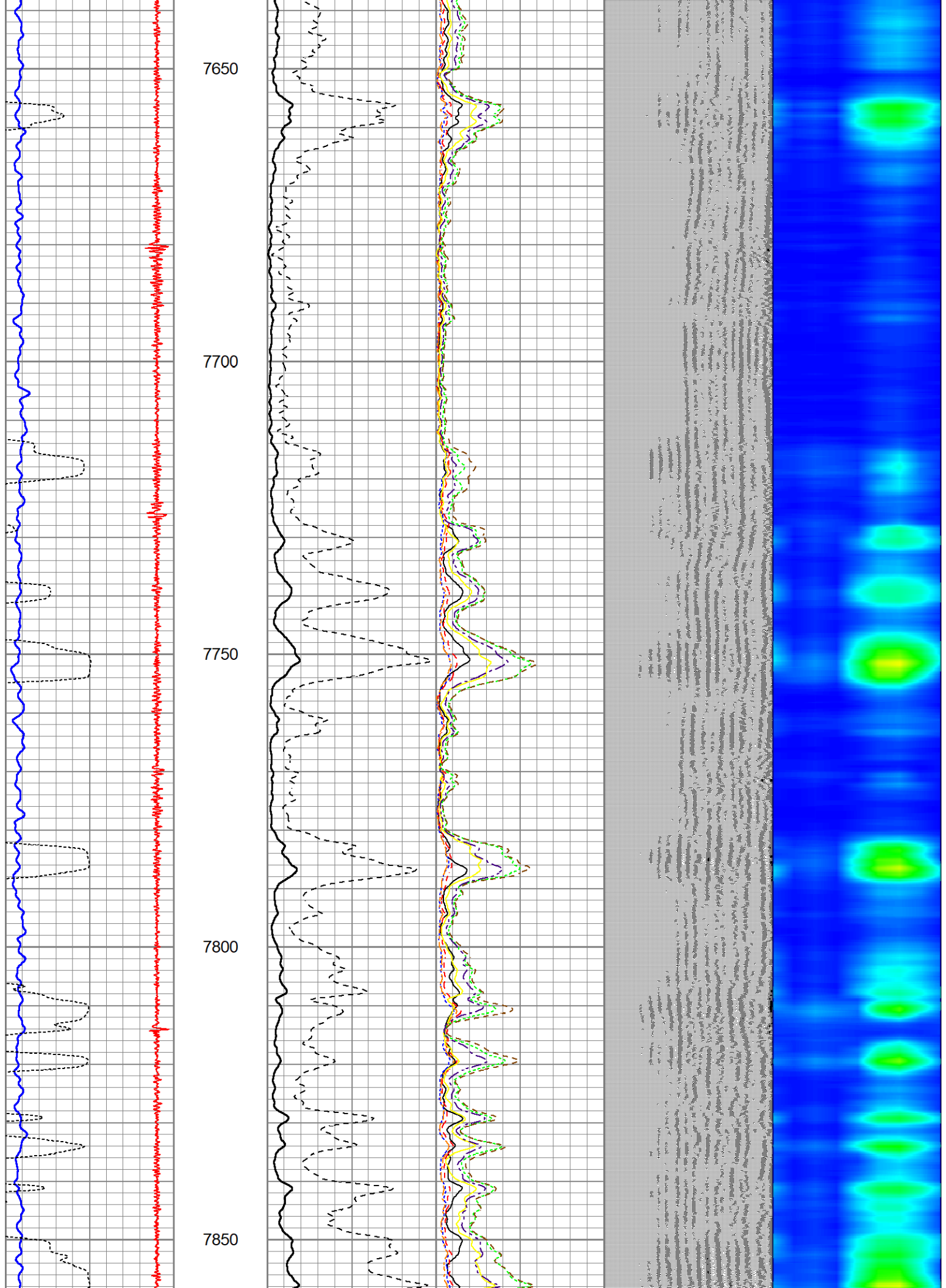
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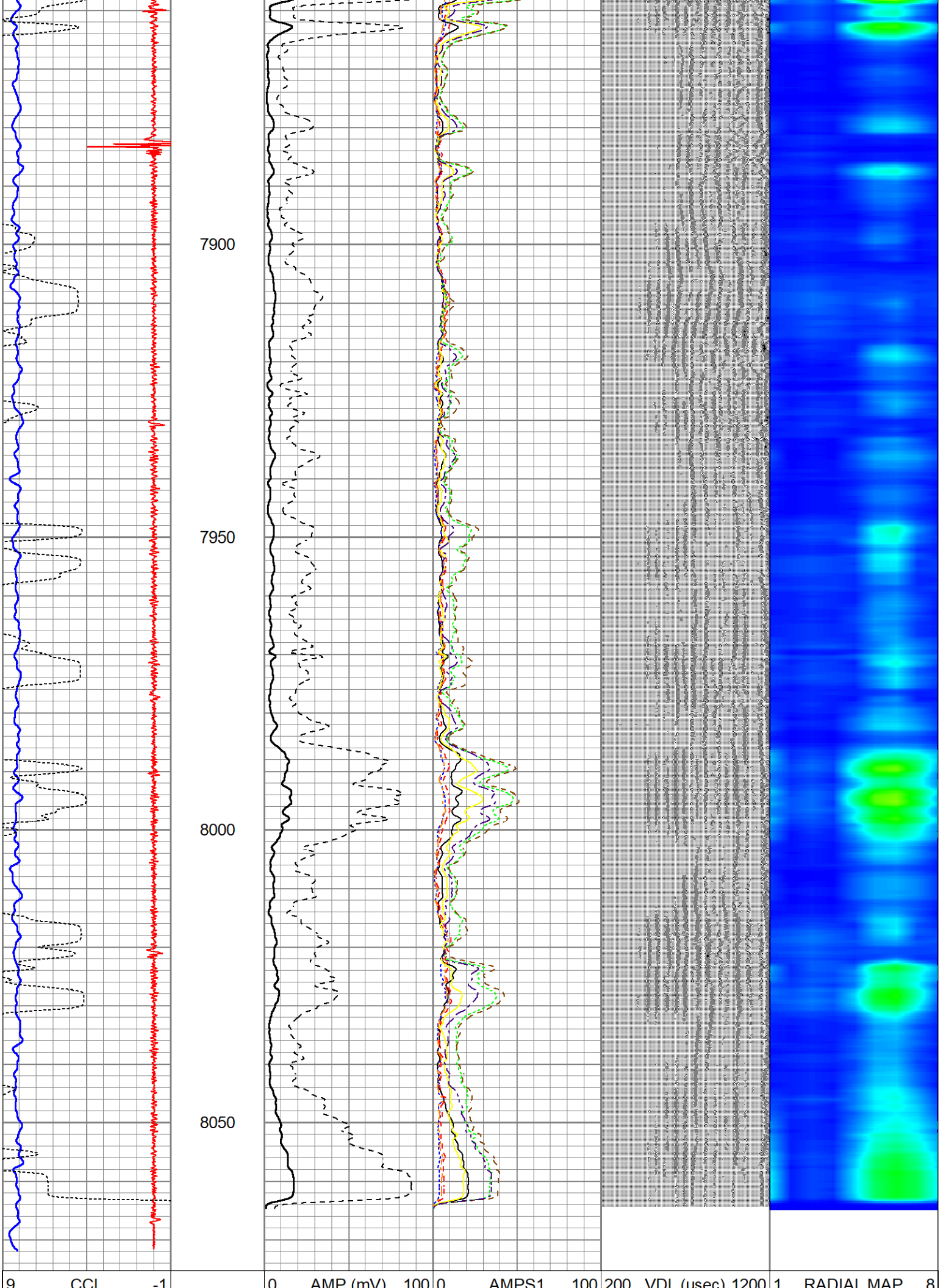
7500

7550

7600







0	CCL	-1
0	GR (GAPI)	150
400	TT3 (usec)	200

0	AMP (mV)	100
0	AMPLIFIED AMP3	20
0	(mV)	20

0	AMPS1	100
0	AMPS2	100
0	AMPS3	100
0	AMPS4	100
0	AMPS5	100
0	AMPS6	100
0	AMPS7	100
0	AMPS8	100



NEXTIER

COMPLETION SOLUTIONS

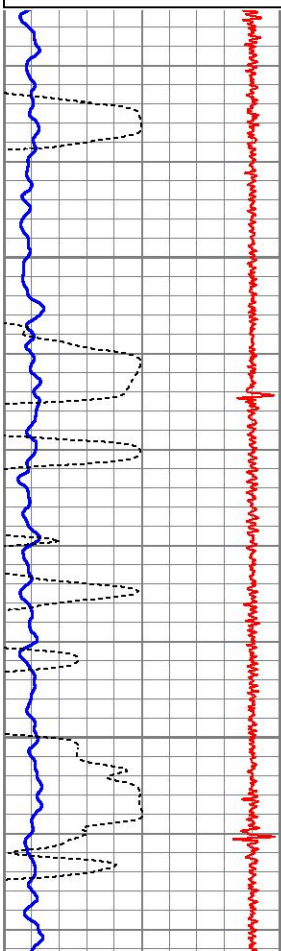
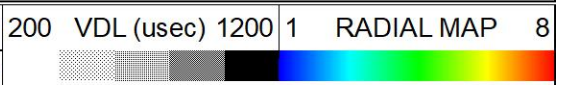
REPEAT PASS

Database File: florida3-65 27-2601ahrdbl.db
 Dataset Pathname: pass1.4
 Presentation Format: zwag (2)
 Dataset Creation: Sat Jun 29 08:14:19 2024
 Charted by: Depth in Feet scaled 1:240

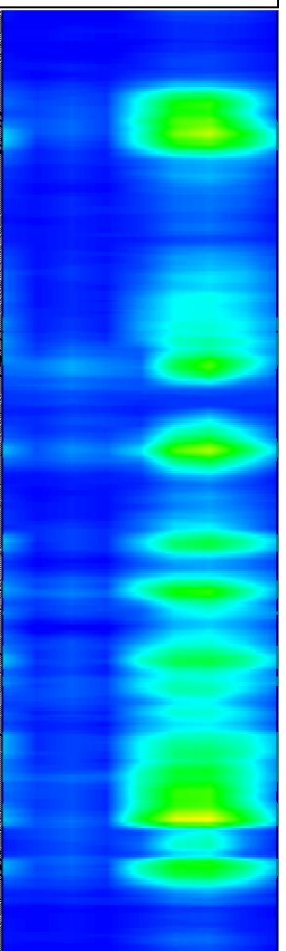
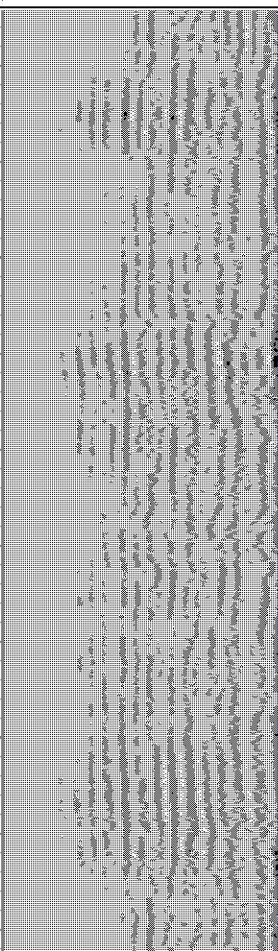
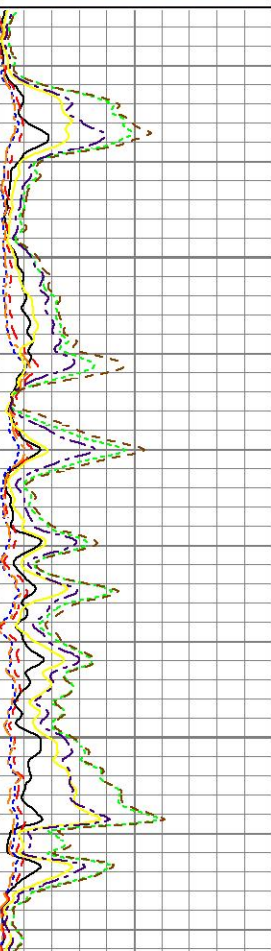
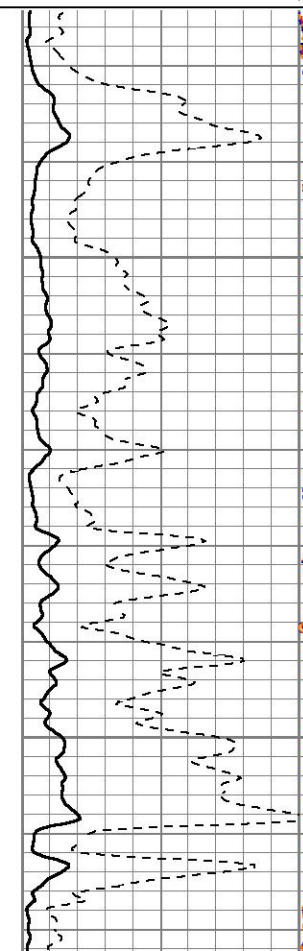
9	CCL	-1
0	GR (GAPI)	150
400	TT3 (usec)	200

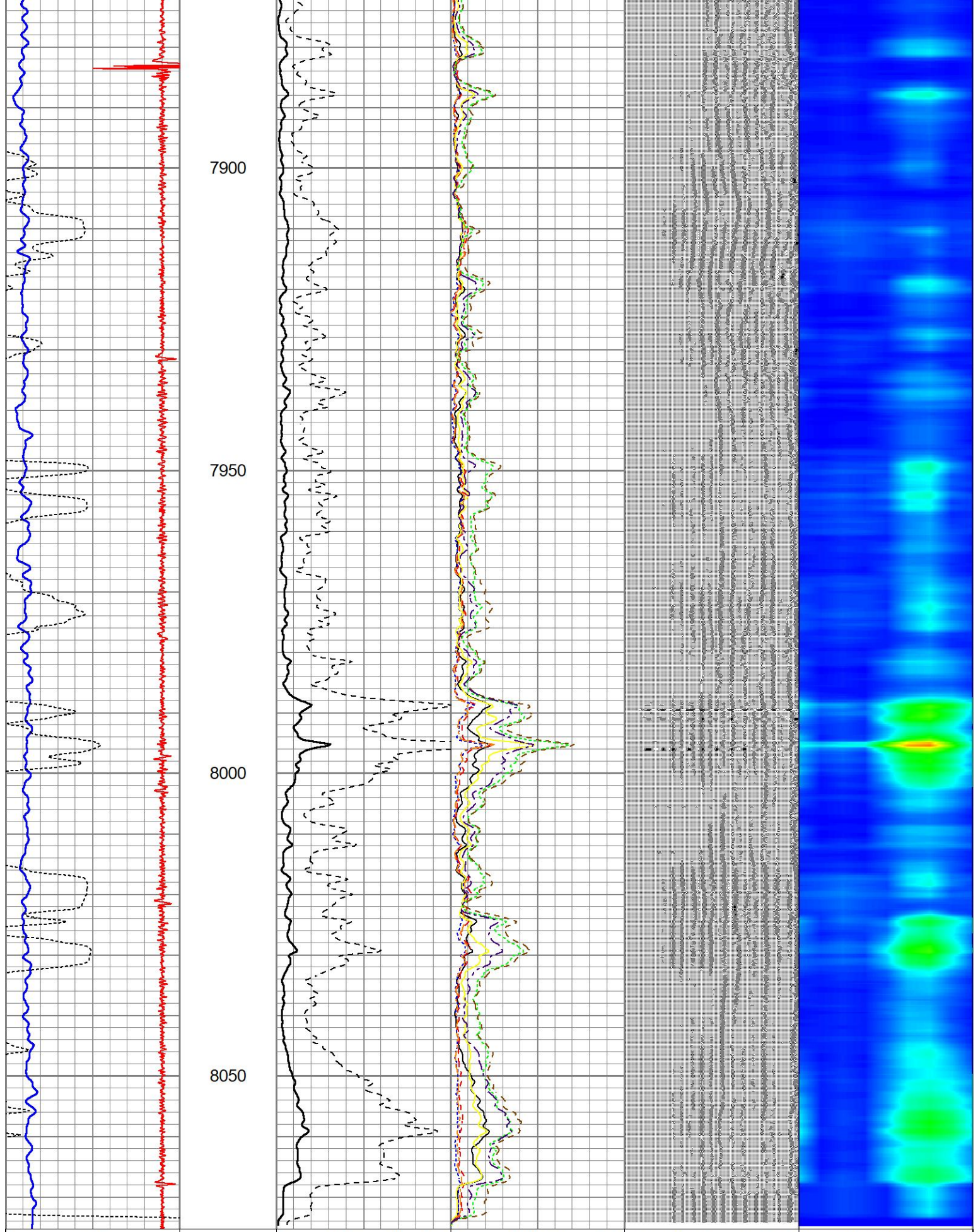
0	AMP (mV)	100
0	AMPLIFIED AMP3	20
0	(mV)	20

0	AMPS1	100
0	AMPS2	100
0	AMPS3	100
0	AMPS4	100
0	AMPS5	100
0	AMPS6	100
0	AMPS7	100
0	AMPS8	100



7800
7850





9	CCL	-1	0	AMP (mV)	100	0	AMPS1	100	200	VDL (usec)	1200	1	RADIAL MAP	8
0	GR (GAPI)	150	0	AMPLIFIED AMP3	0	0	AMPS2	100						
400	TT3 (usec)	200	0	(mV)	20	0	AMPS3	100						
			0			0	AMPS4	100						

0	AMPS4	100
0	AMPS5	100
0	AMPS6	100
0	AMPS7	100
0	AMPS8	100

Calibration Report

Database File florida3-65 27-2601ahrcbl.db
Dataset Pathname pass1.5
Dataset Creation Sat Jun 29 08:19:33 2024

Gamma Ray Calibration Report

Type / Serial: Probe275dig / 101010

SHOP CALIBRATION

Wed Aug 02 15:58:38 2023

Background	Counts/Sec.	Gain	Offset	Jig	Units
Calibrator	0.0				cps
	1.0	0.0500			cps
					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: 897.842 ft

Master Calibration, performed Sat Jun 29 07:42:35 2024:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	-0.006	0.834	0.700	71.921	84.795	1.210
CAL	-0.006	0.852				
5'	-0.006	0.827	0.700	71.921	85.457	1.225
SUM						
S1	-0.006	0.843	0.000	71.000	83.593	0.509
S2	-0.006	0.844	0.000	71.000	83.543	0.512
S3	-0.006	0.835	0.000	71.000	84.424	0.515
S4	-0.006	0.820	0.000	71.000	85.993	0.521
S5	-0.006	0.838	0.000	71.000	84.076	0.514
S6	-0.006	0.835	0.000	71.000	84.389	0.514

S7	-0.006	0.837	0.000	71.000	84.174	0.517
S8	-0.006	0.835	0.000	71.000	84.440	0.515

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

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	-0.006	0.852	1.000	0.000

Air Zero Calibration, performed Thu Feb 21 13:40:31 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	

Log Variables

DatabaseC:\ProgramData\Warrior\Data\florida3-65 27-2601ahrcl.db
Dataset field/well/run1/pass1.5/_vars_

Top - Bottom

BOREID in 7.875	BOTTEMP degF 100	CASEOD in 5.5	CASETHCK in 0	CASEWGHT lb/ft 20	MAXAMPL mV 0	MINAMPL mV 1	MINATTN db/ft 0.8
PERFS No	PPT usec 0	SRFTEMP degF 0	TDEPTH ft 0				

Variable Description

BOREID : Borehole I.D.

BOTTEMP : Bottom Hole Temperature

CASEOD : Casing O.D.

CASETHCK : Casing Thickness

CASEWGHT : Casing Weight

MAXAMPL : Maximum Amplitude

MINAMPL : Minimum Amplitude


MINATTN : Minimum Attenuation

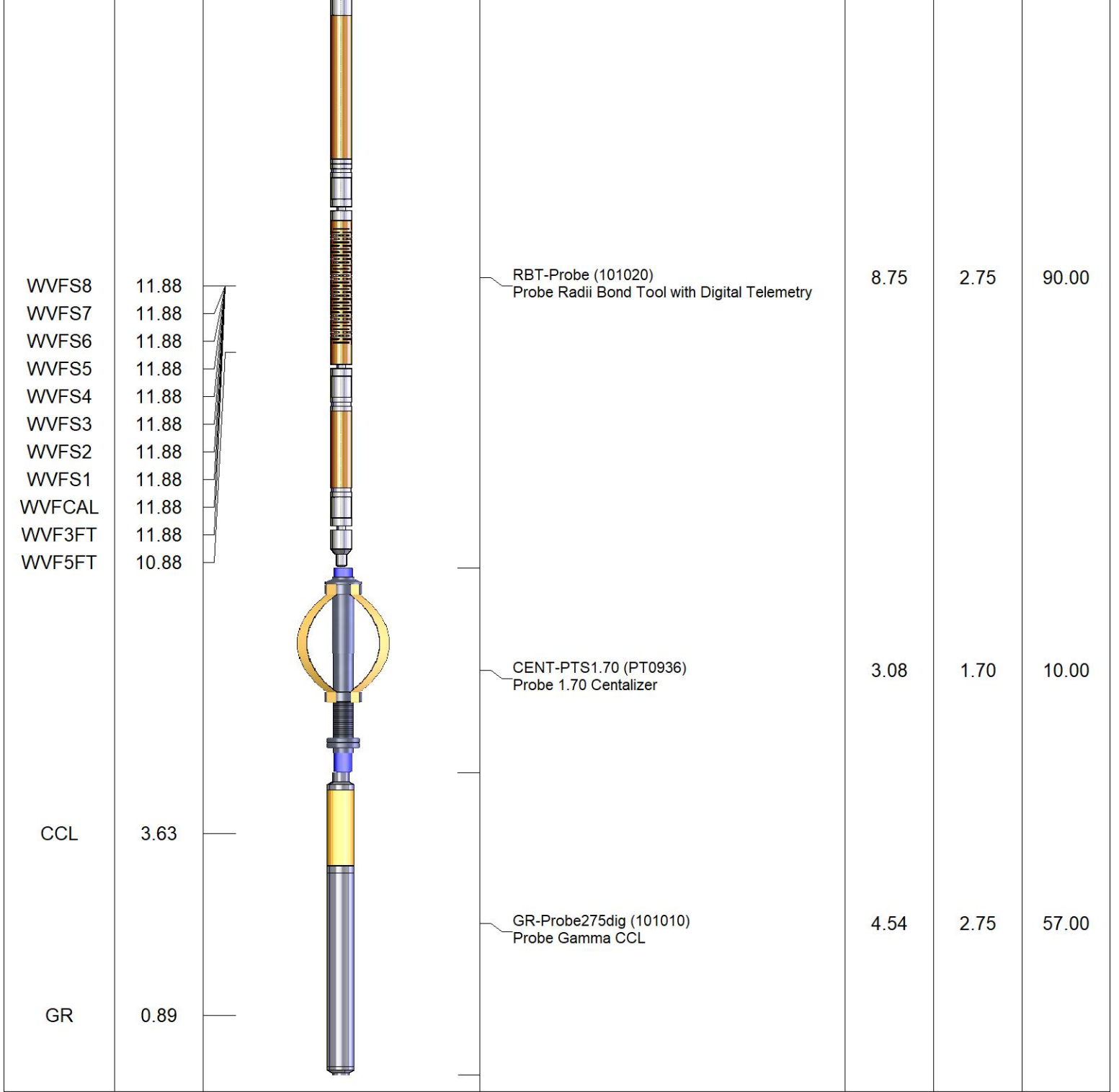
PERFS : Perforation Flag

PPT : Predicted Pipe Time

SRFTEMP : Surface Temperature

TDEPTH : Total Depth

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 Centralizer	3.08	1.70	10.00



Dataset: florida3-65 27-2601ahrcbl.db: field/well/run1/pass1.5
 Total length: 20.46 ft
 Total weight: 177.00 lb
 O.D.: 2.75 in