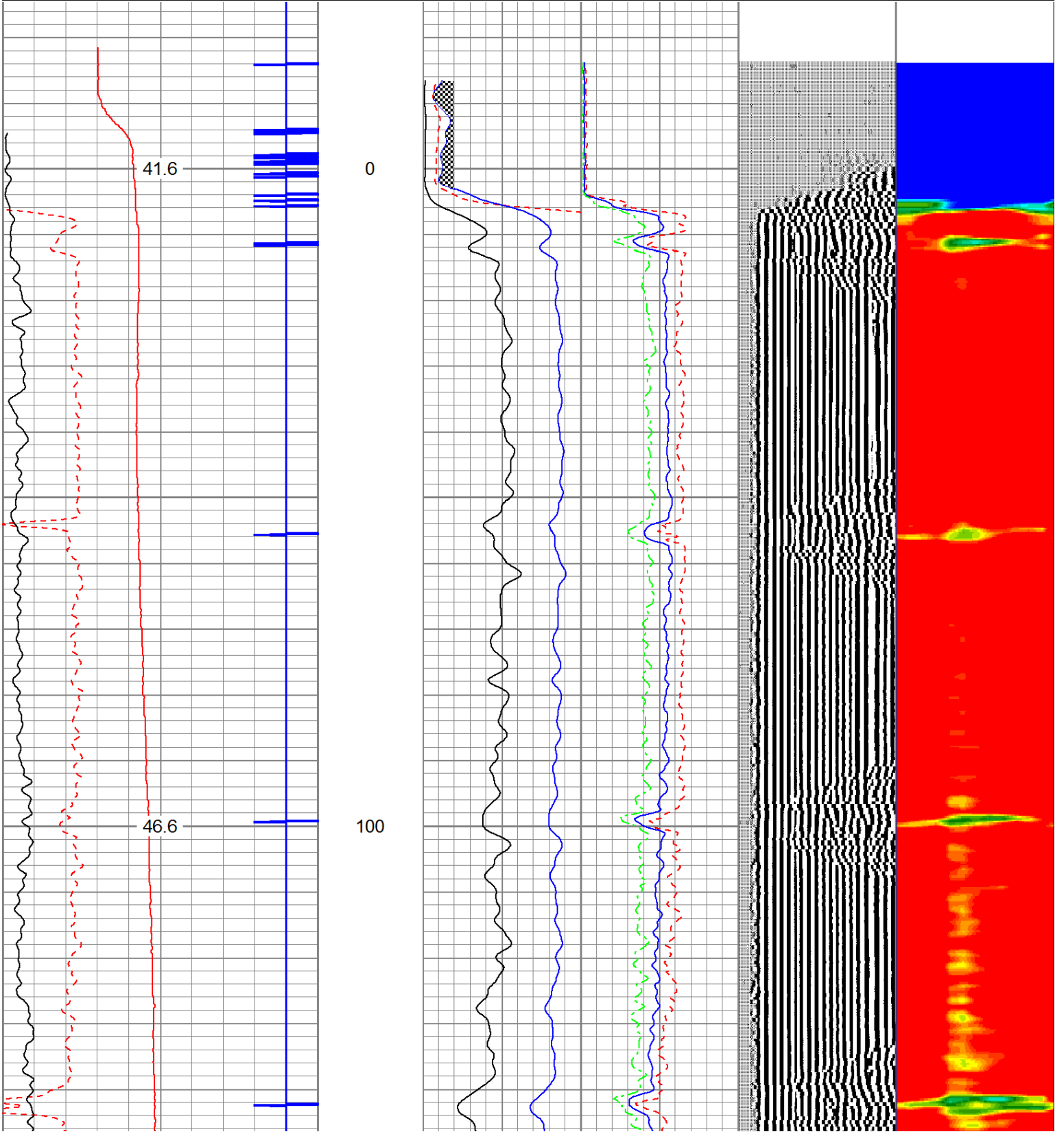
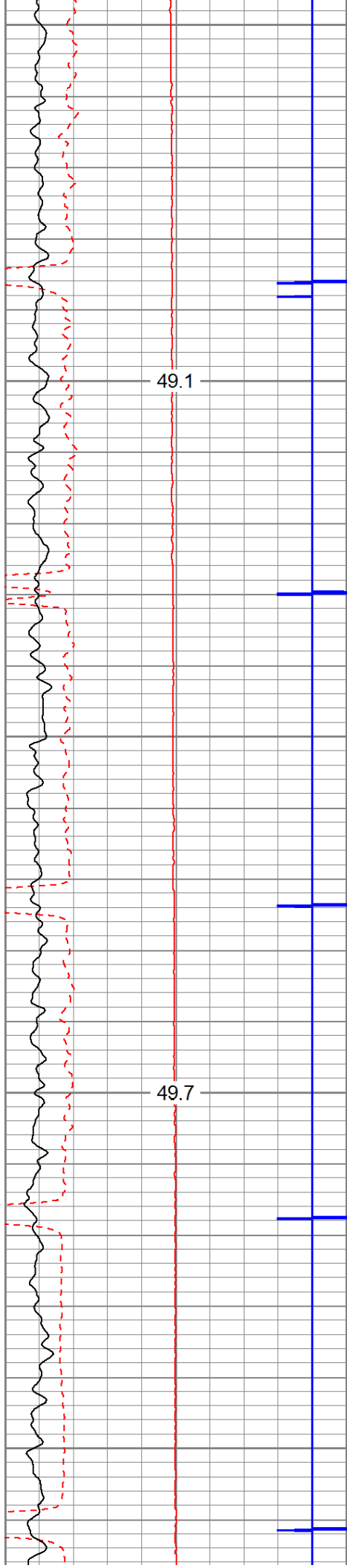




Database File: antero\_waldo1h.db  
 Dataset Pathname: merge1  
 Presentation Format: antero  
 Dataset Creation: Tue Jan 15 19:53:50 2019  
 Charted by: Depth in Feet scaled 1:240

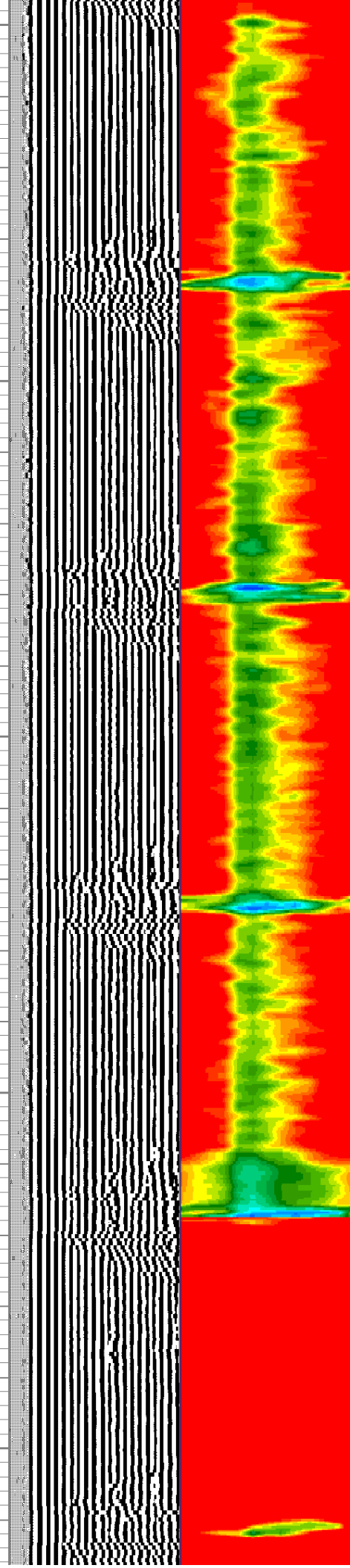
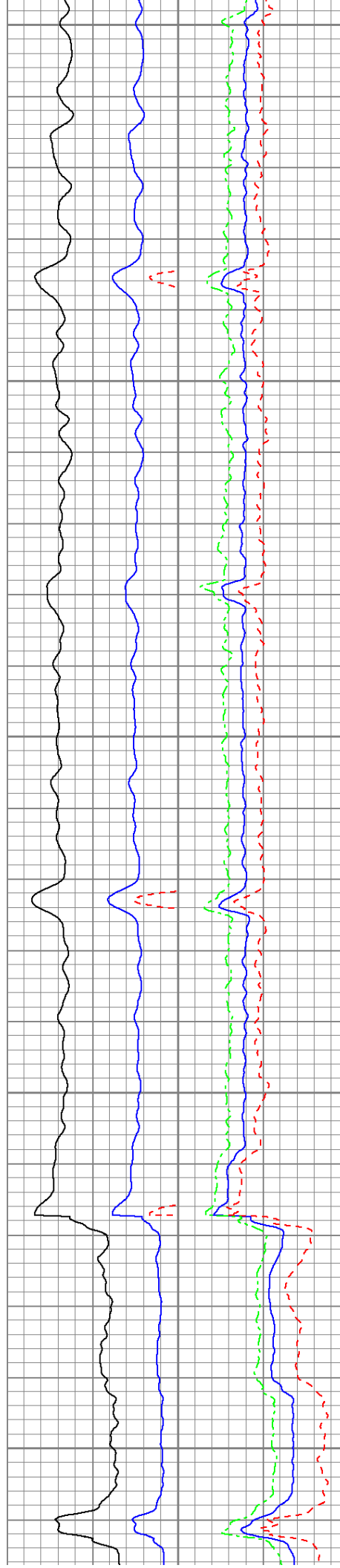
225	Travel Time (usec)	125	Amplitude	0	Amp Avg	150	200	VDL	1200	1	Sector Map	12
9	Casing Collars	-1	0 (mV)	100	0	Amp Max	150			20		60
0	Gamma Ray	180	0	AmpX5 (mV)	20	0	Amp Min	150				
0	TEMP (degF)	100	1	BONDIX	0							

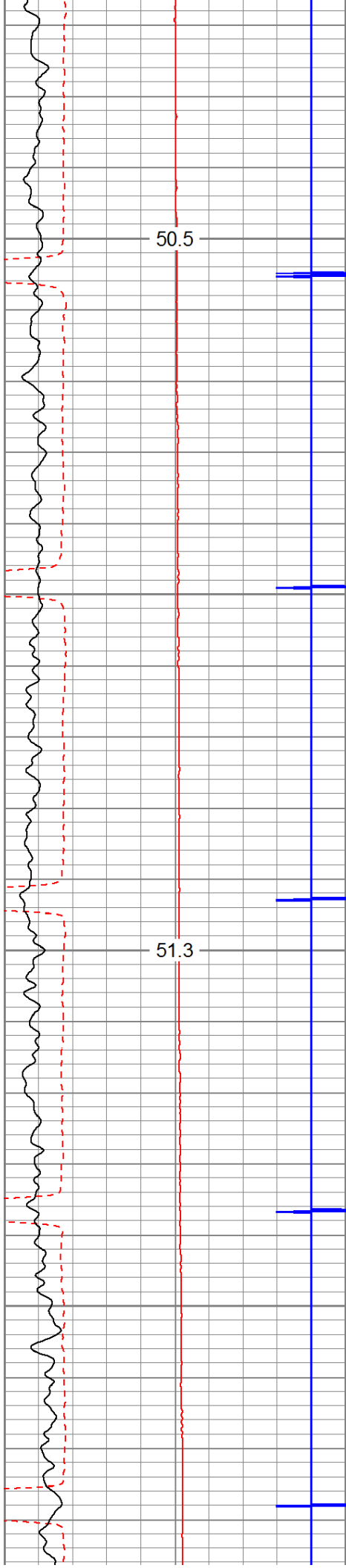




200

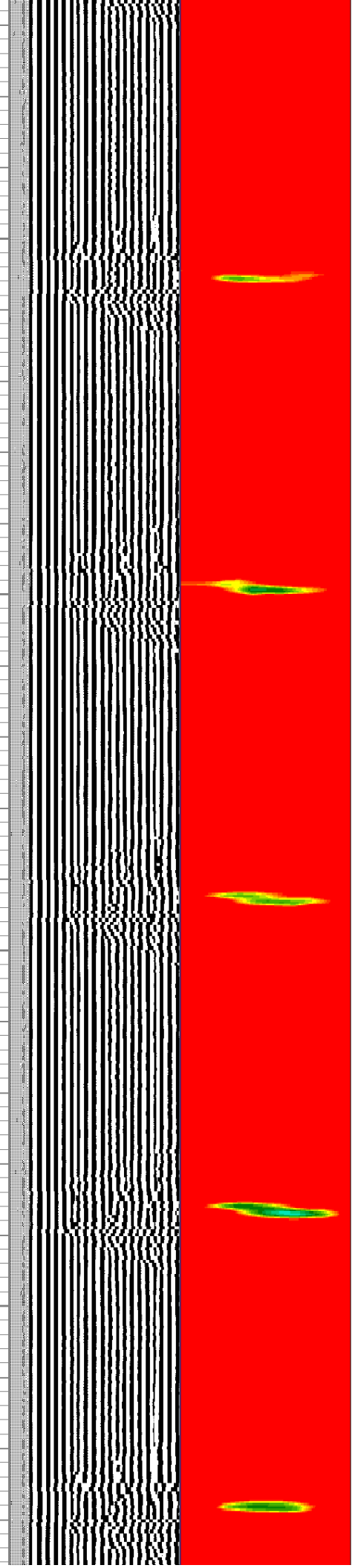
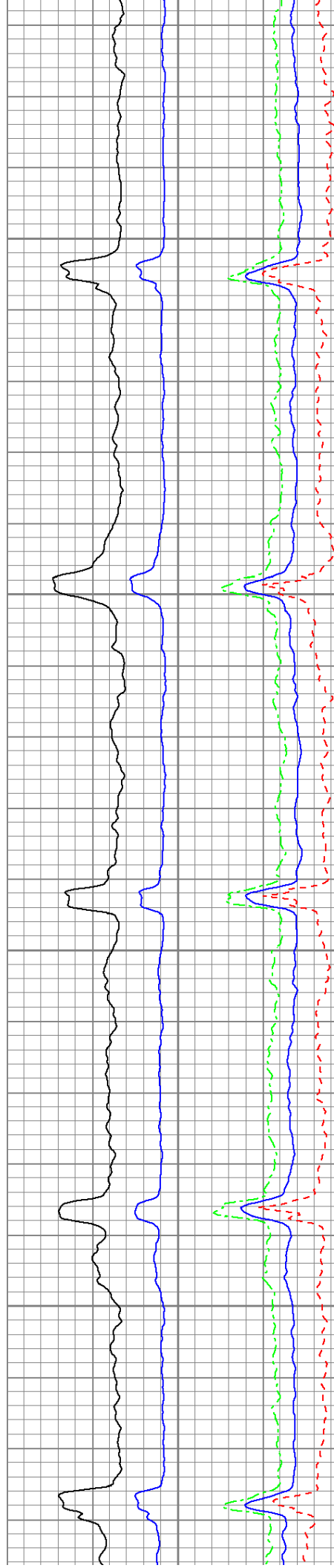
300

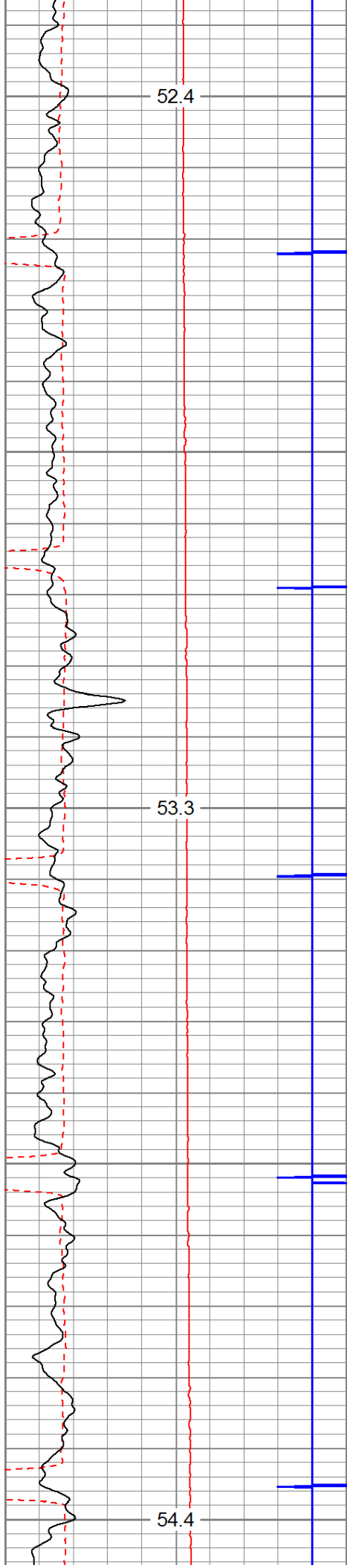




400

500

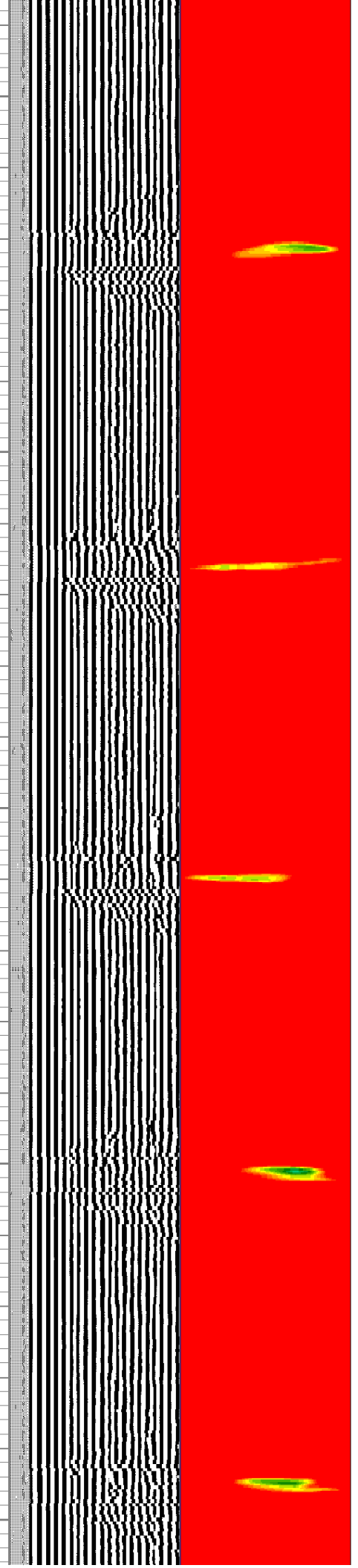
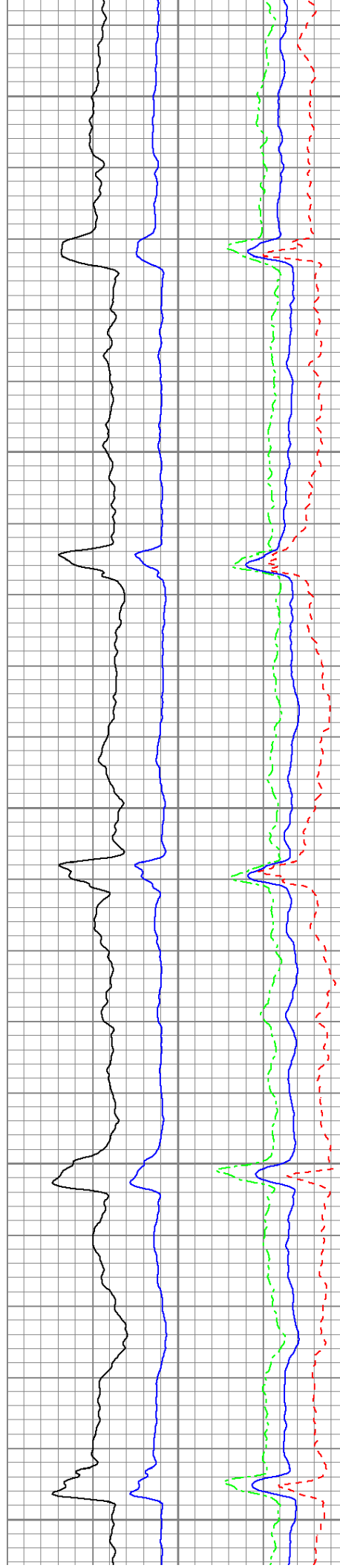


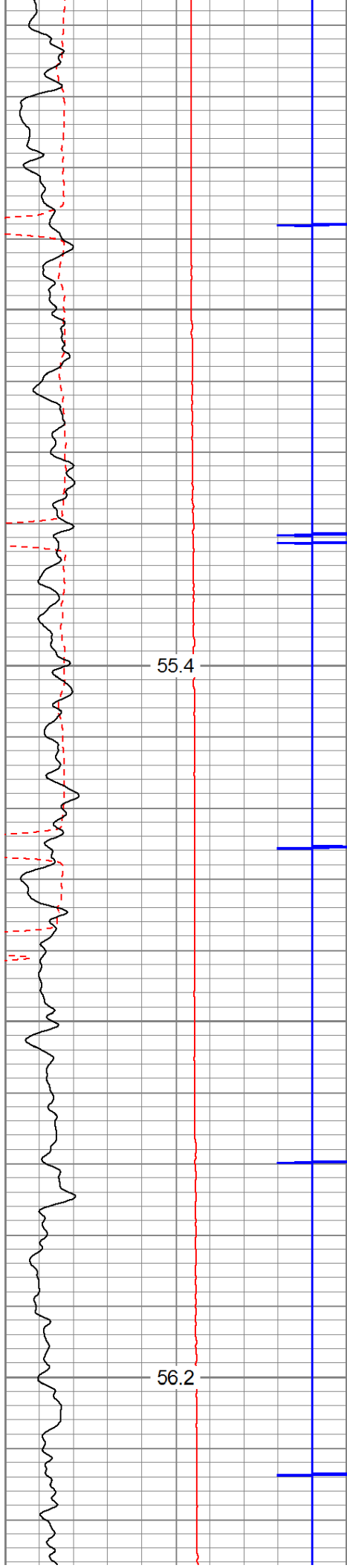


600

700

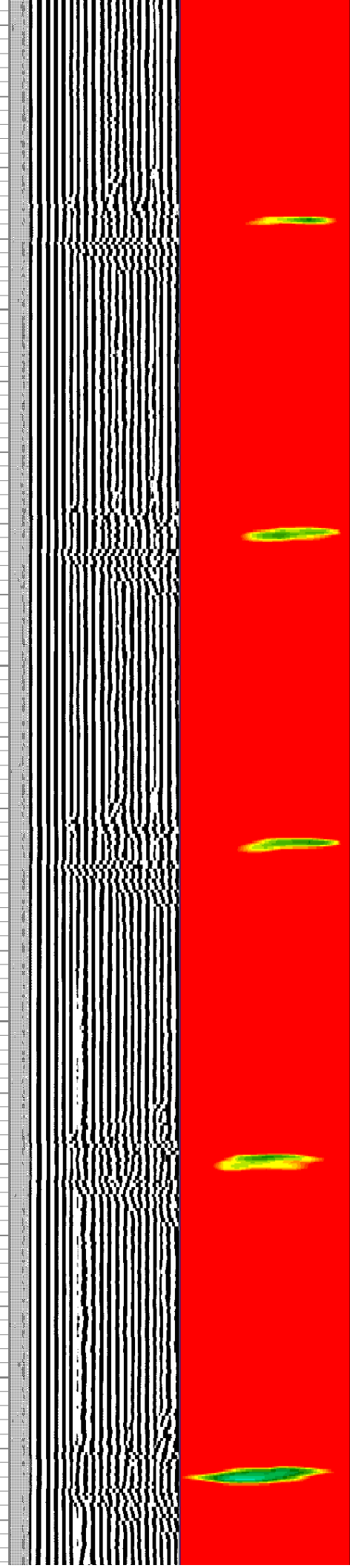
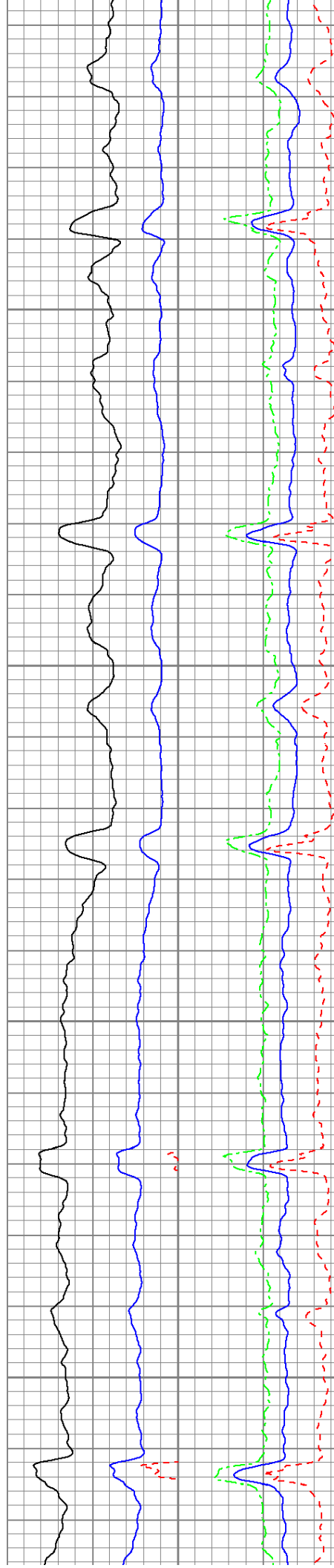
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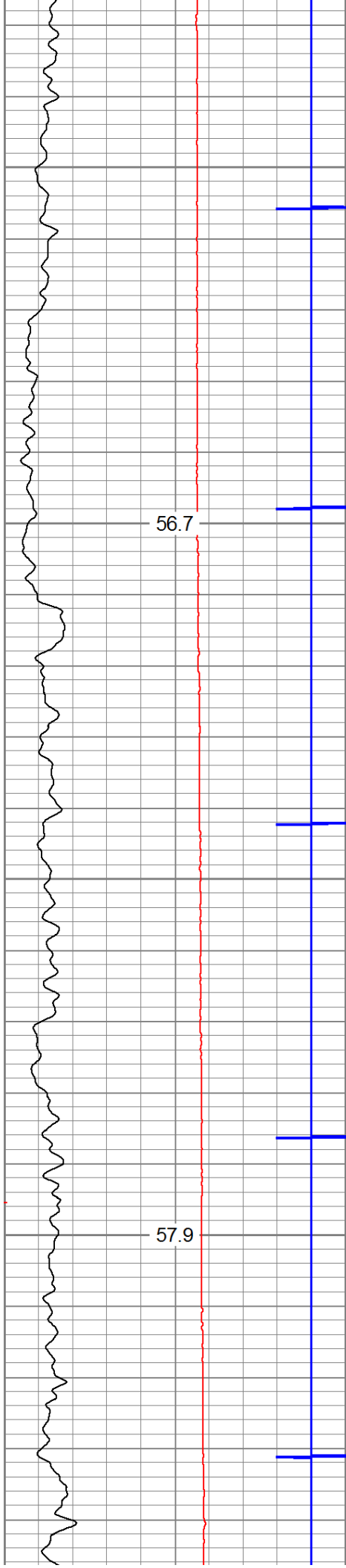




900

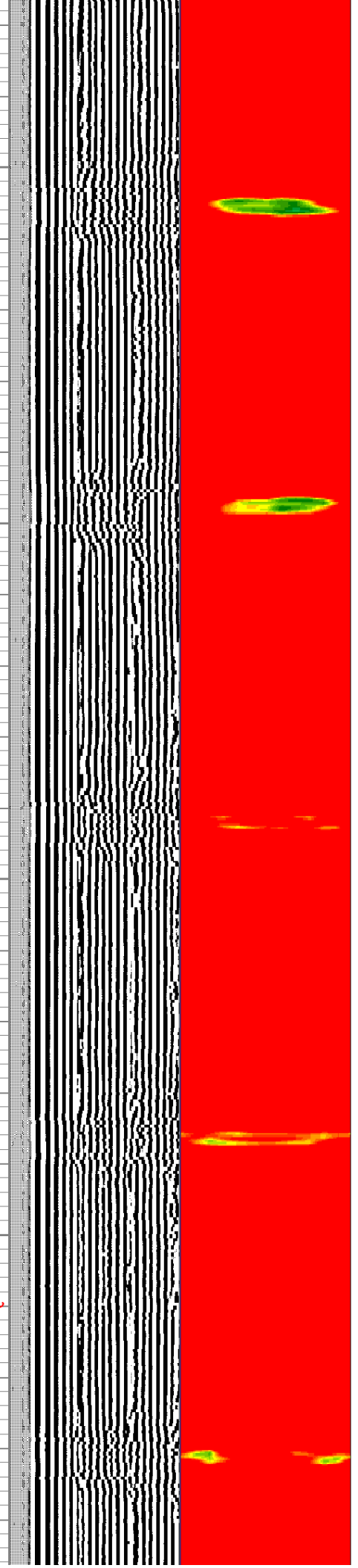
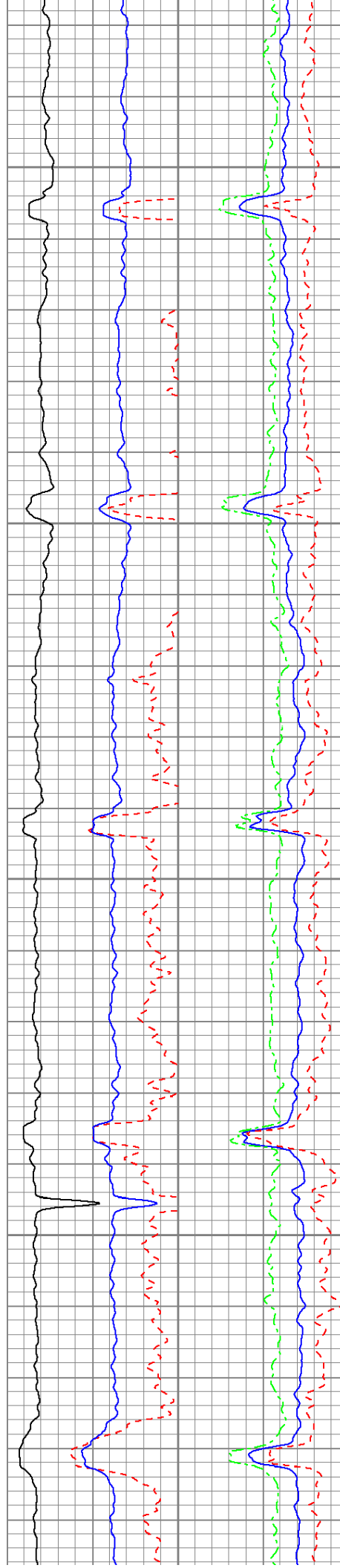
1000

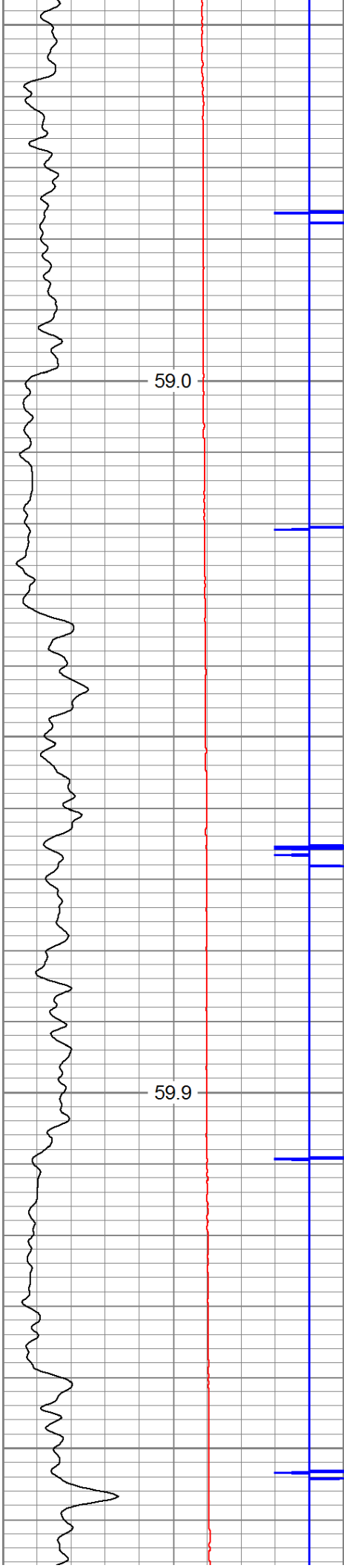




1100

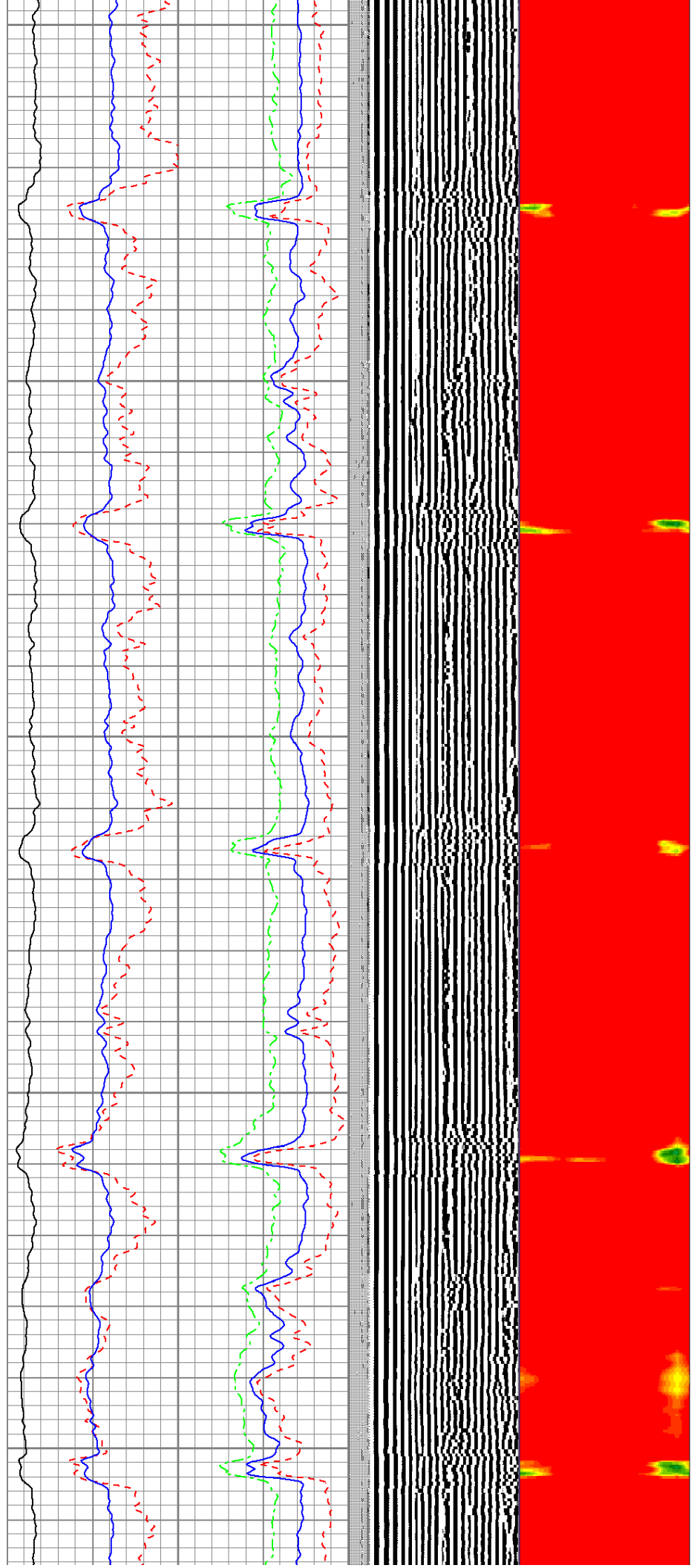
1200



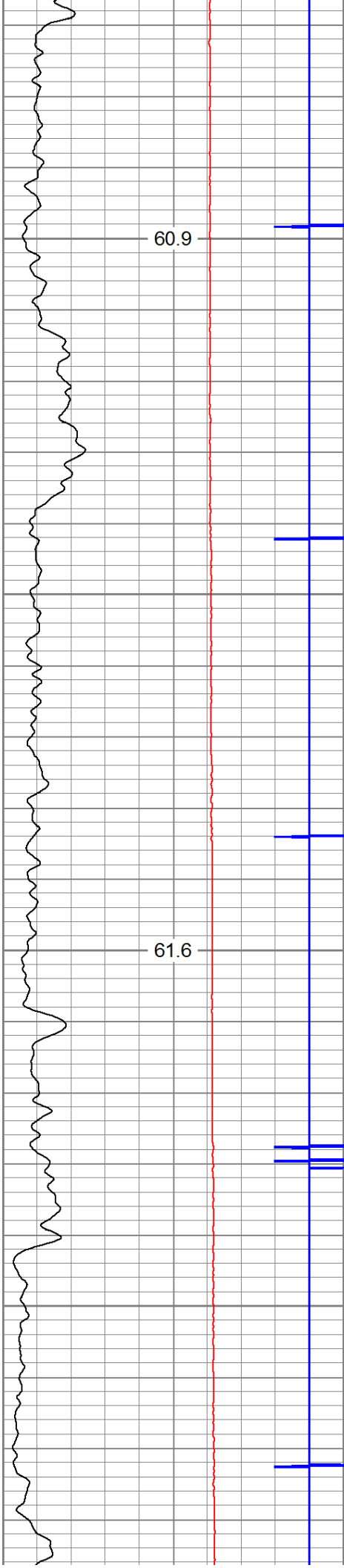


1300

1400

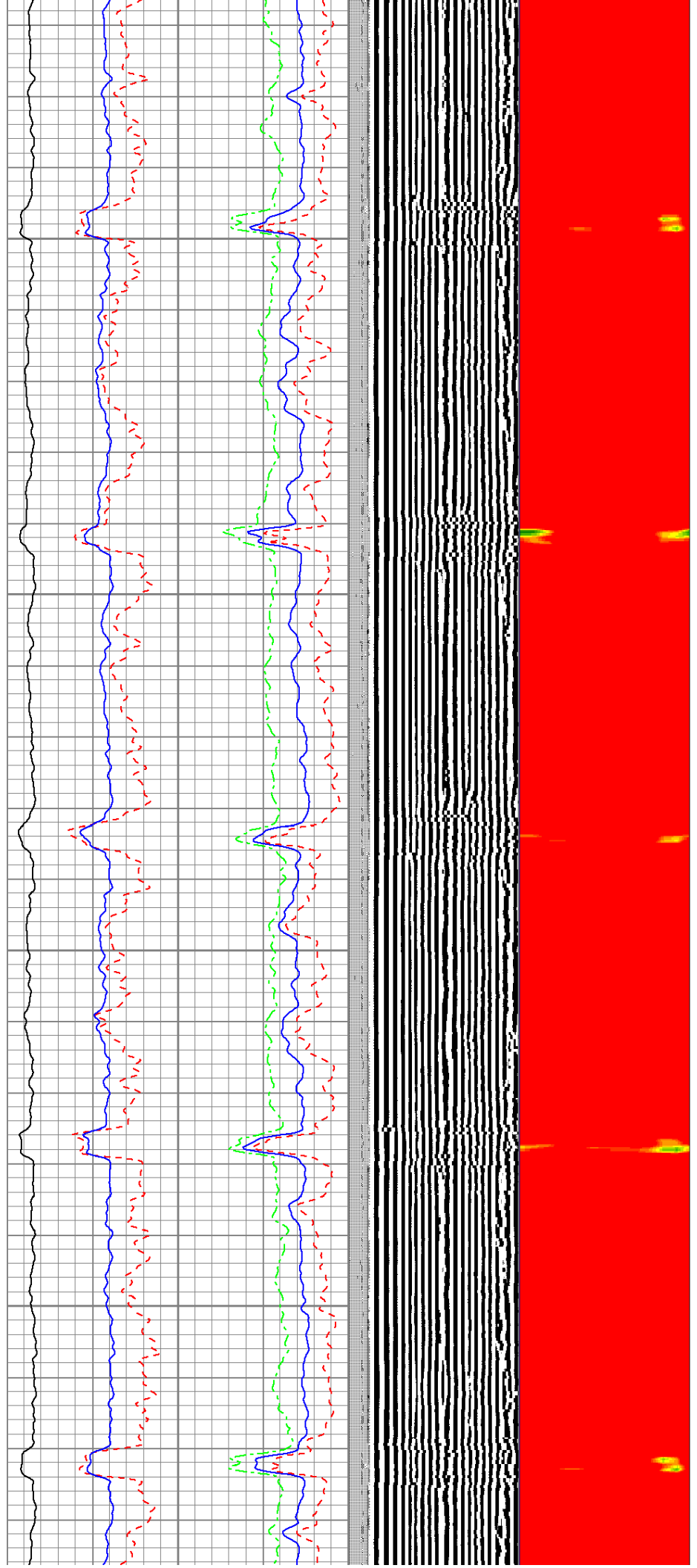


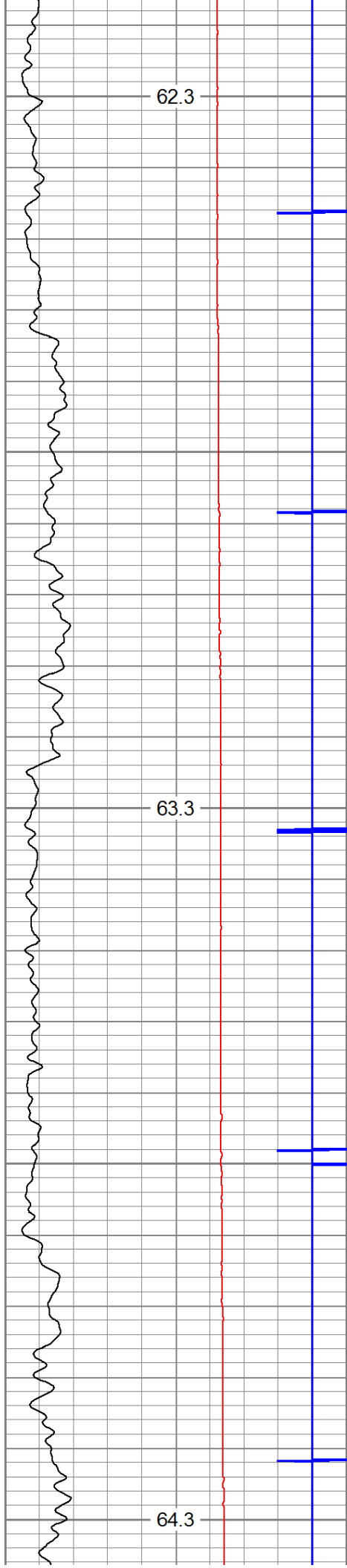




1500

1600

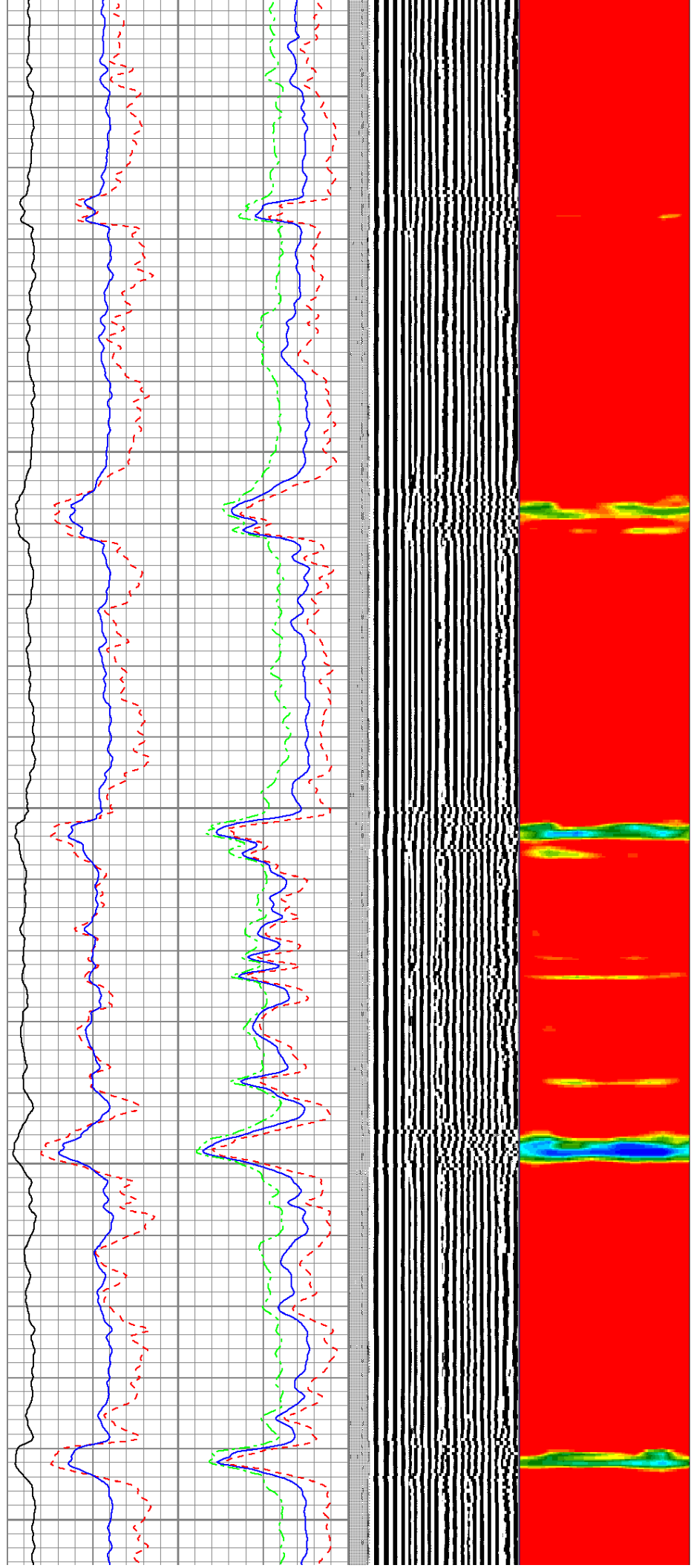


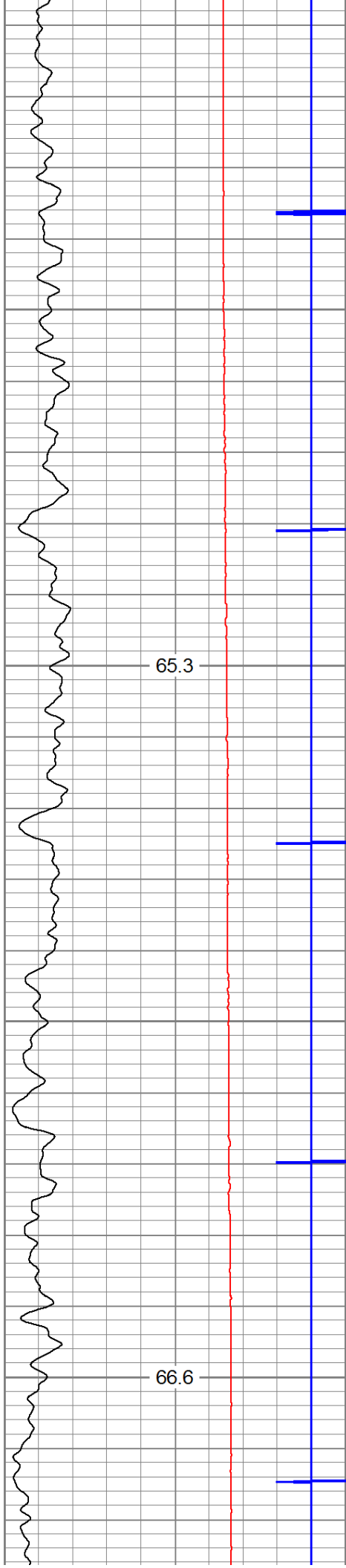


1700

1800

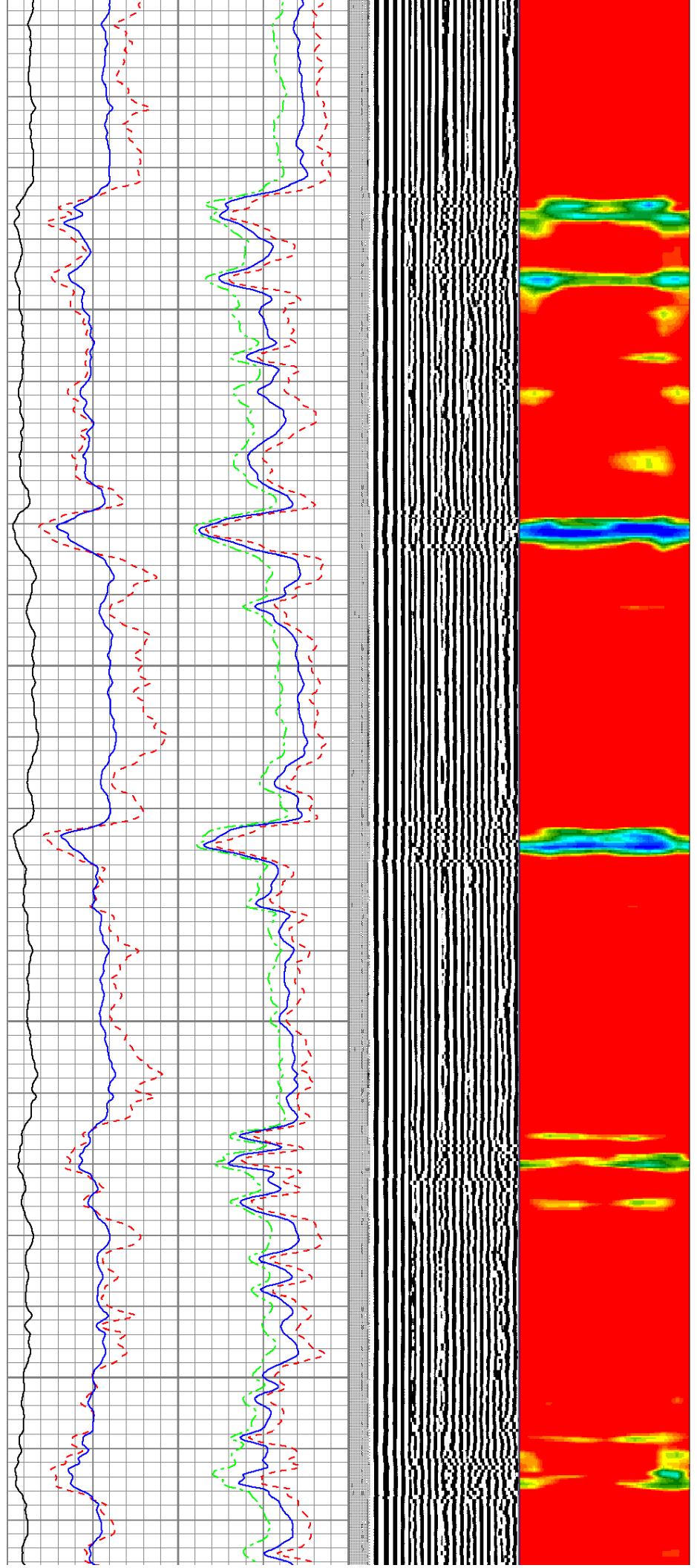
1900

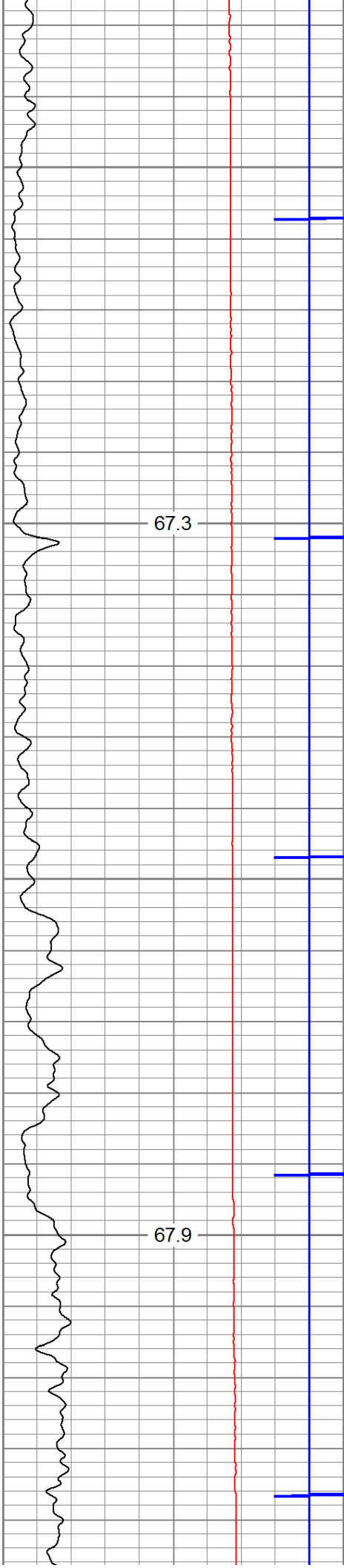




2000

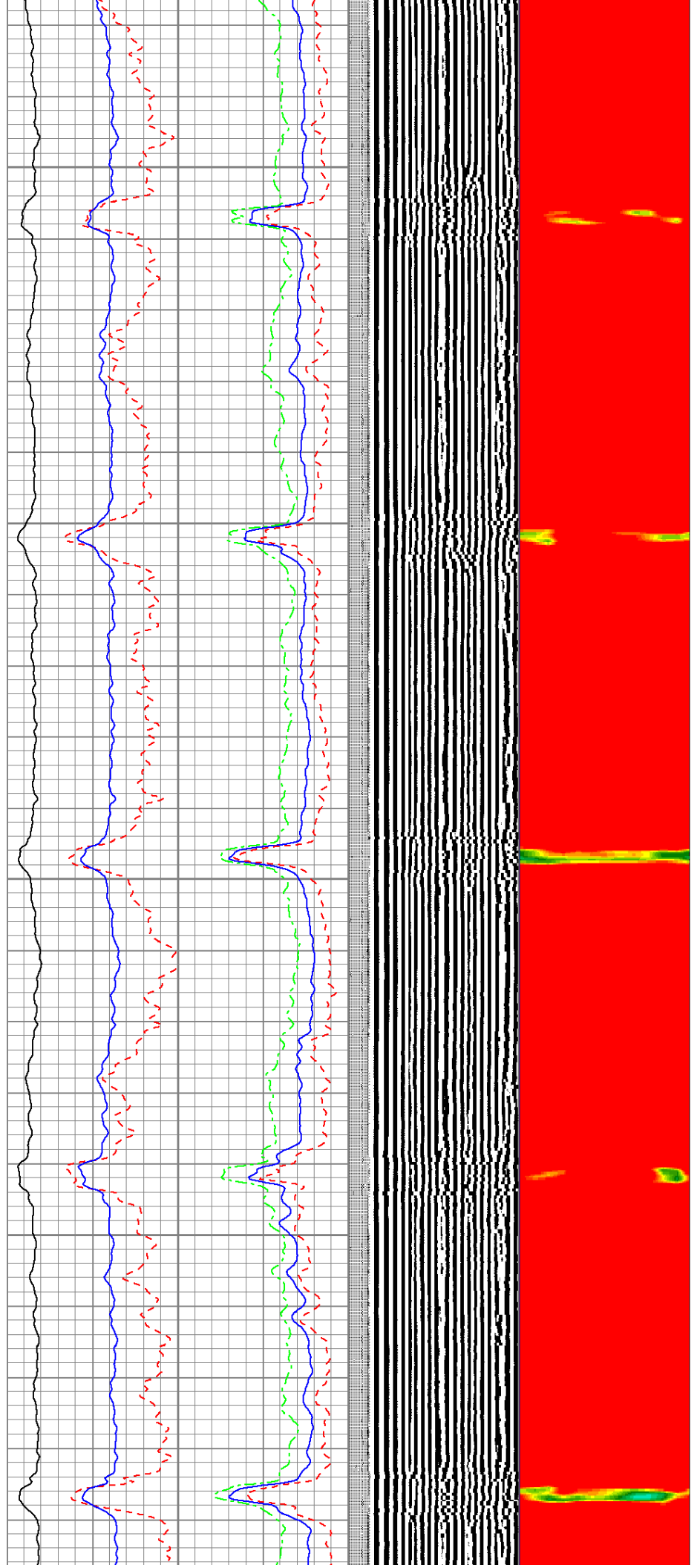
2100

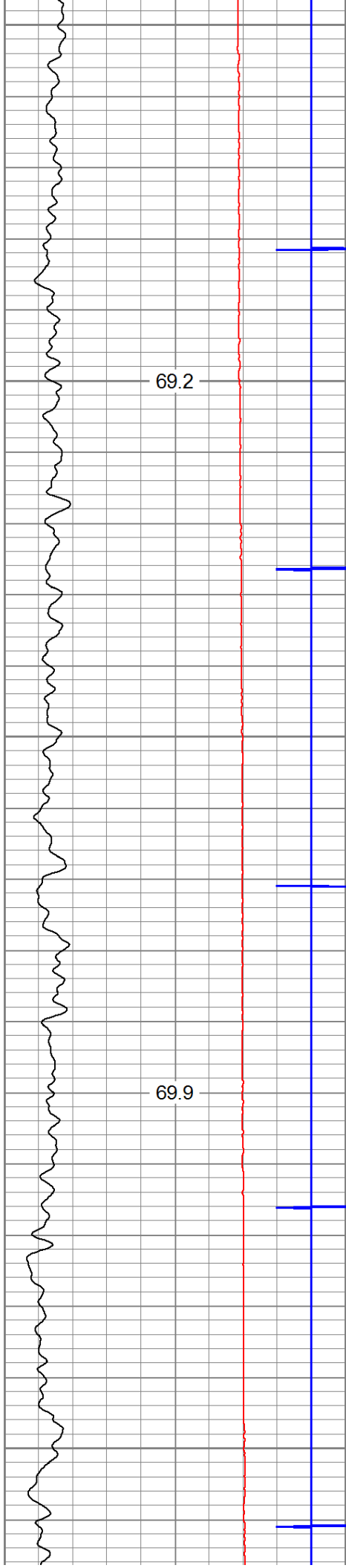




2200

2300



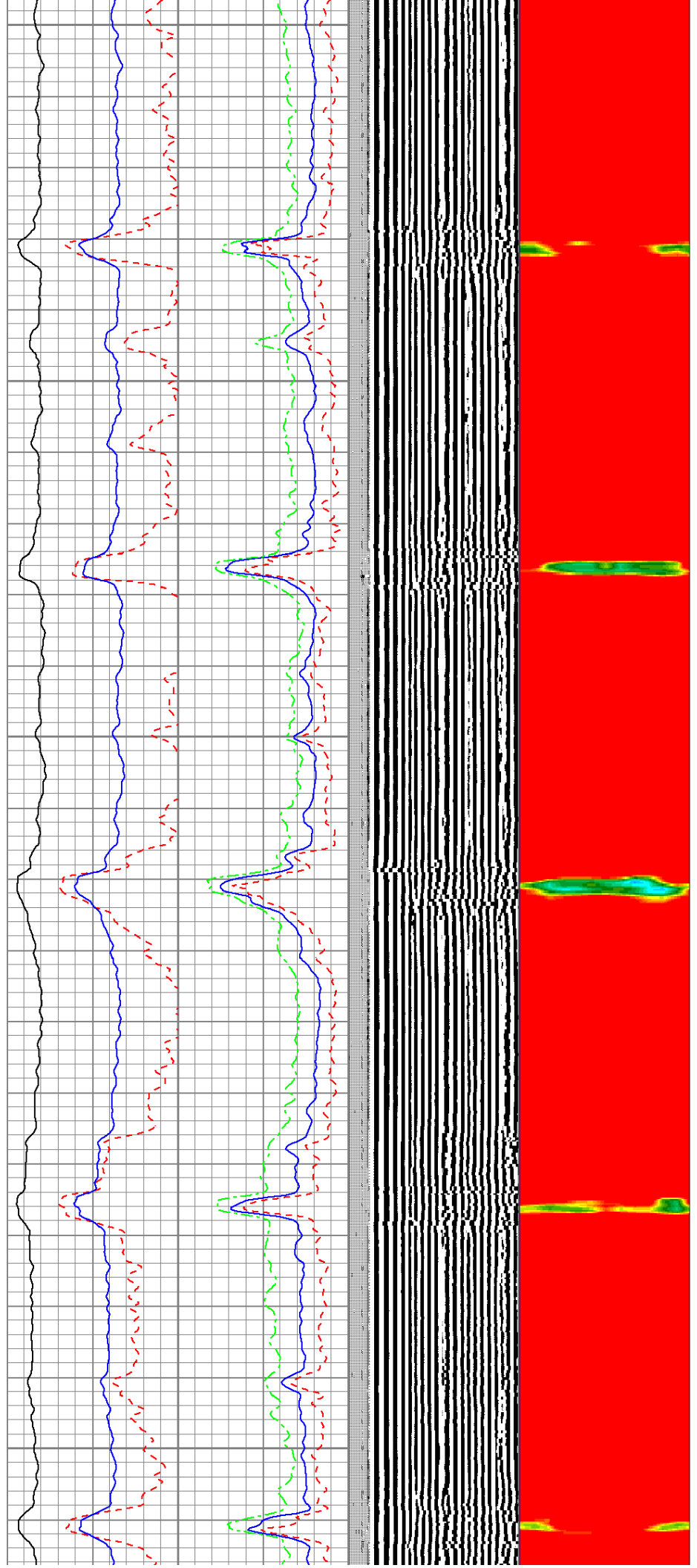


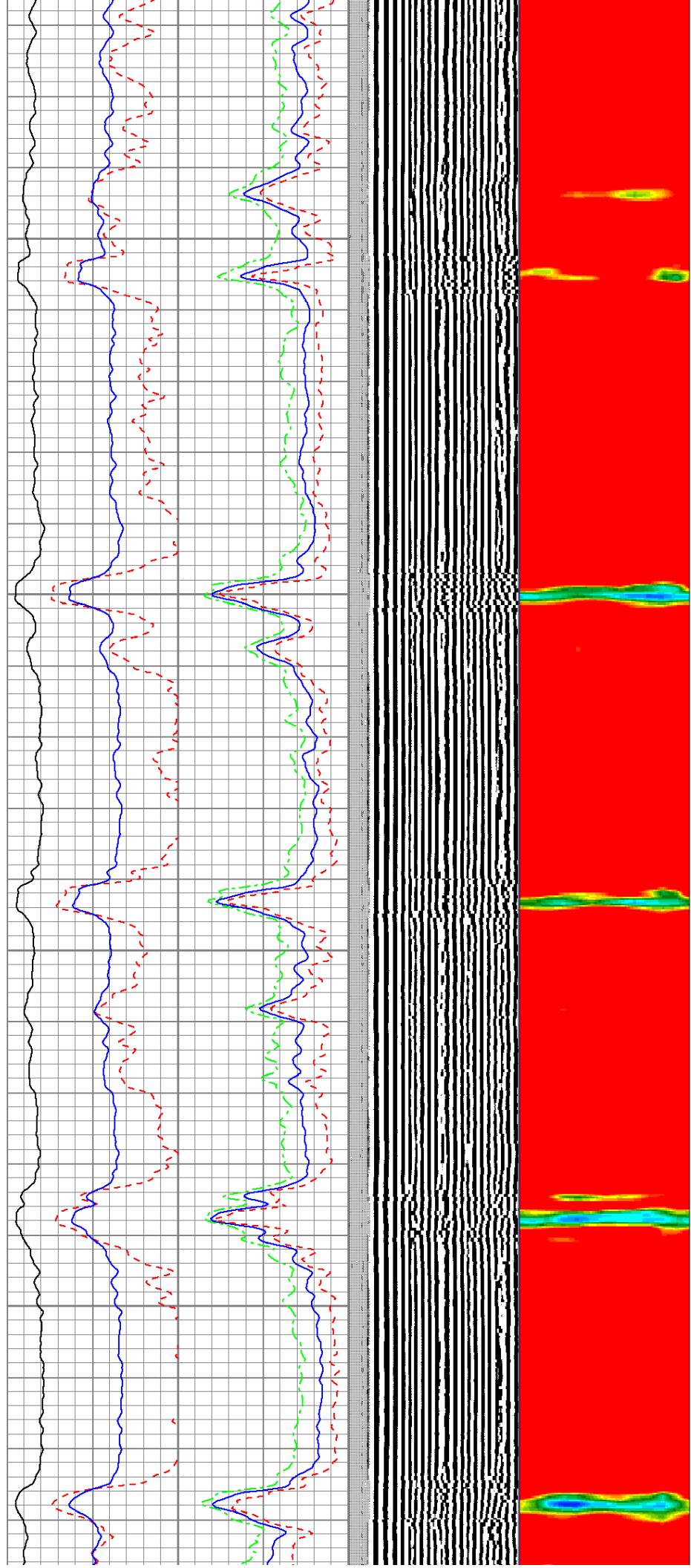
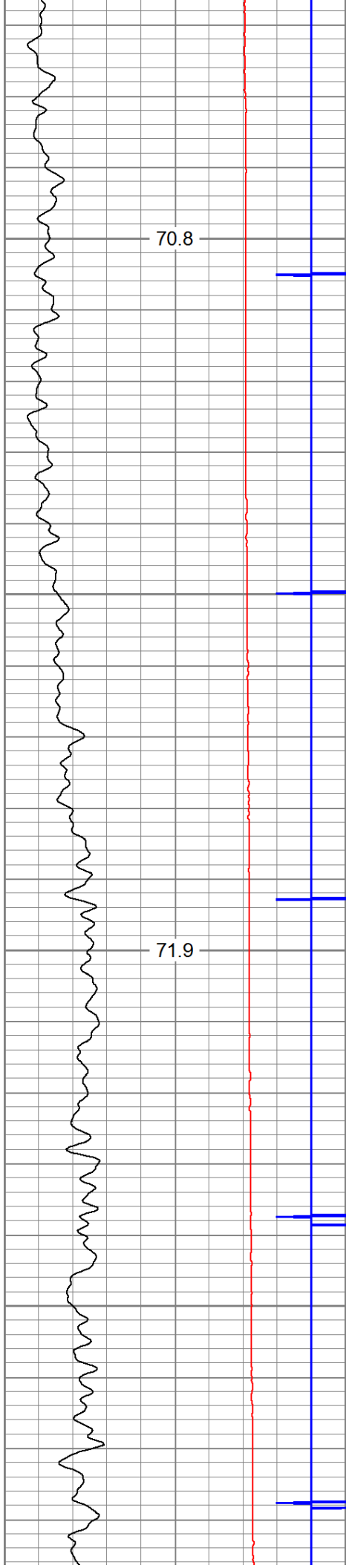
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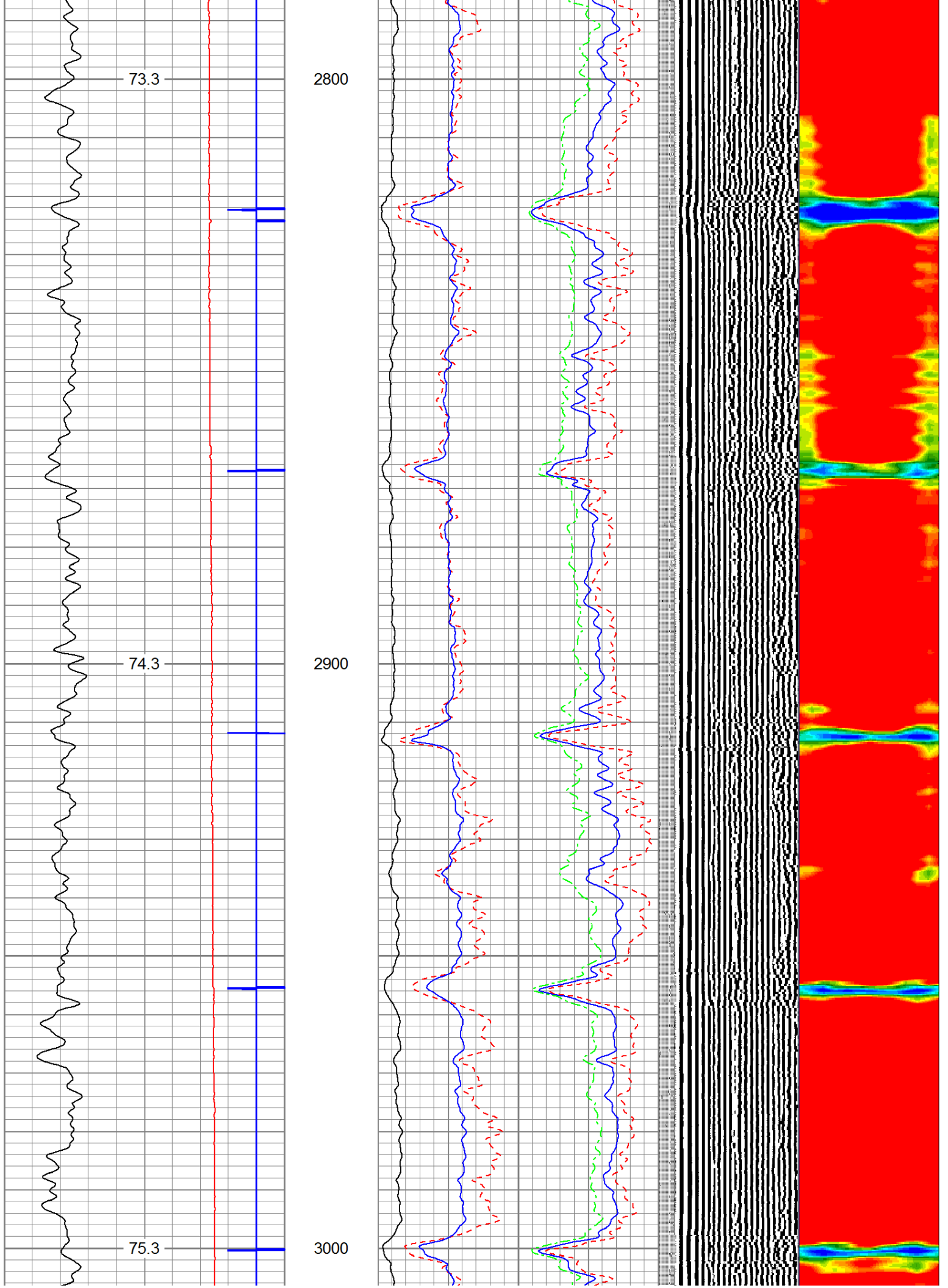
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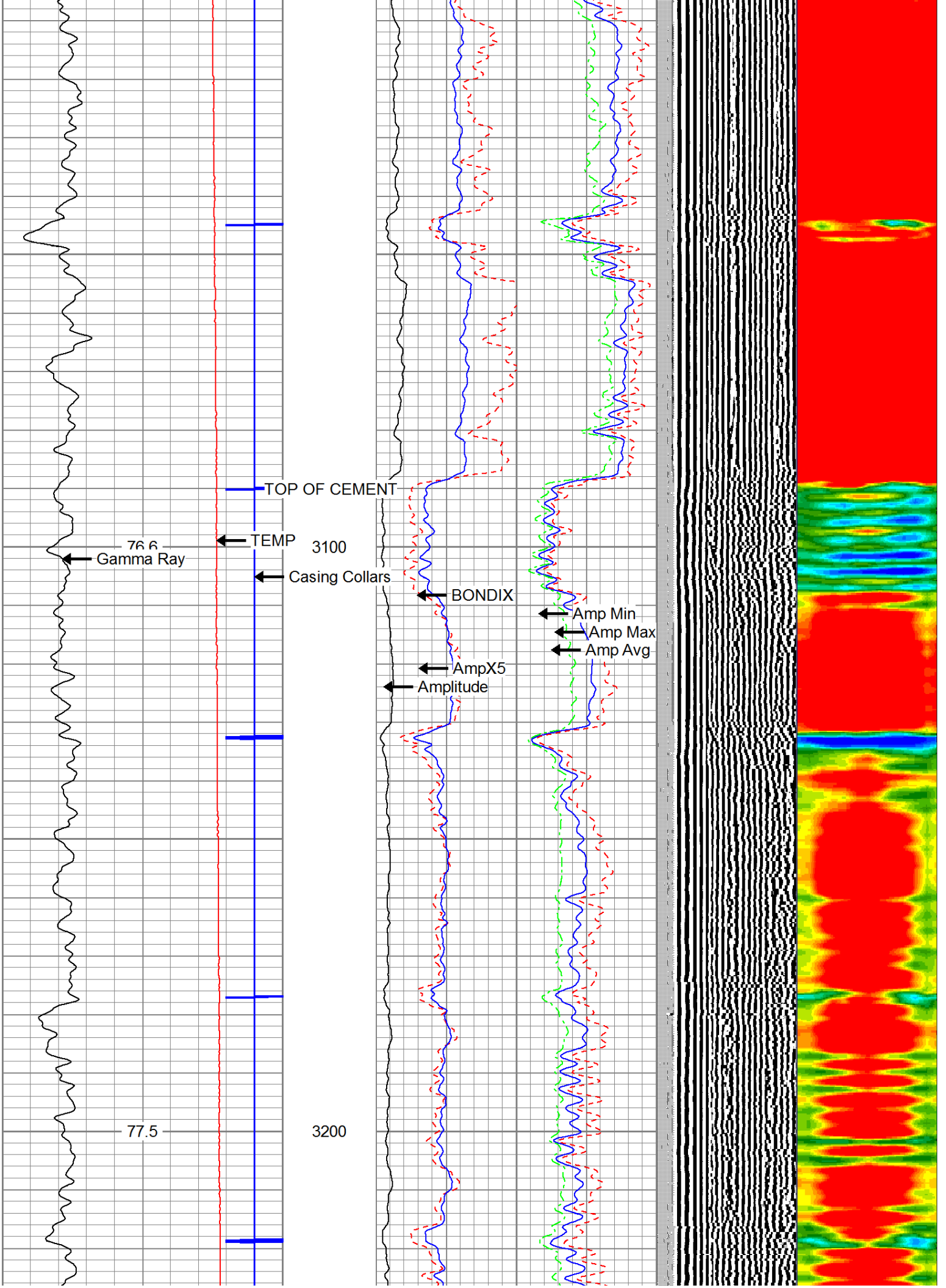
69.9

2500

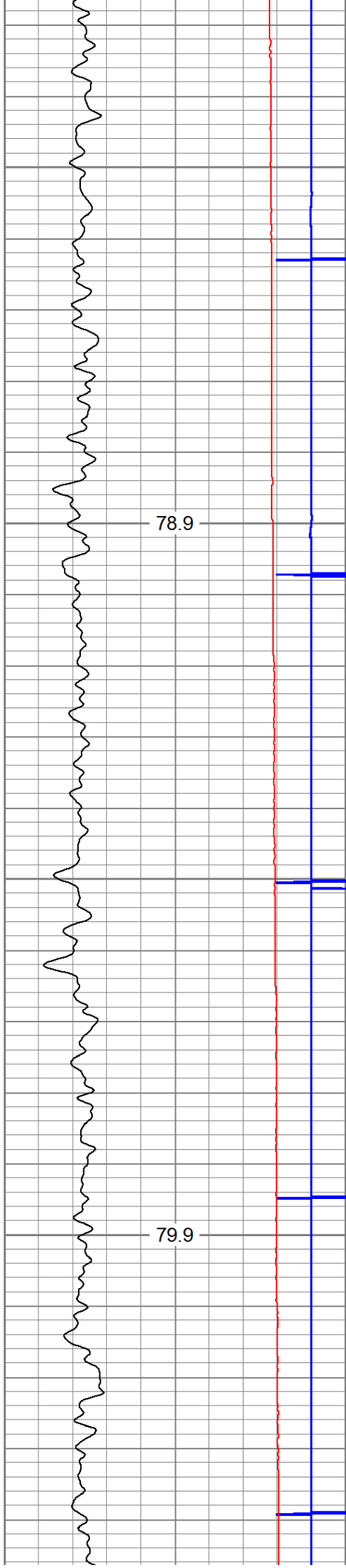






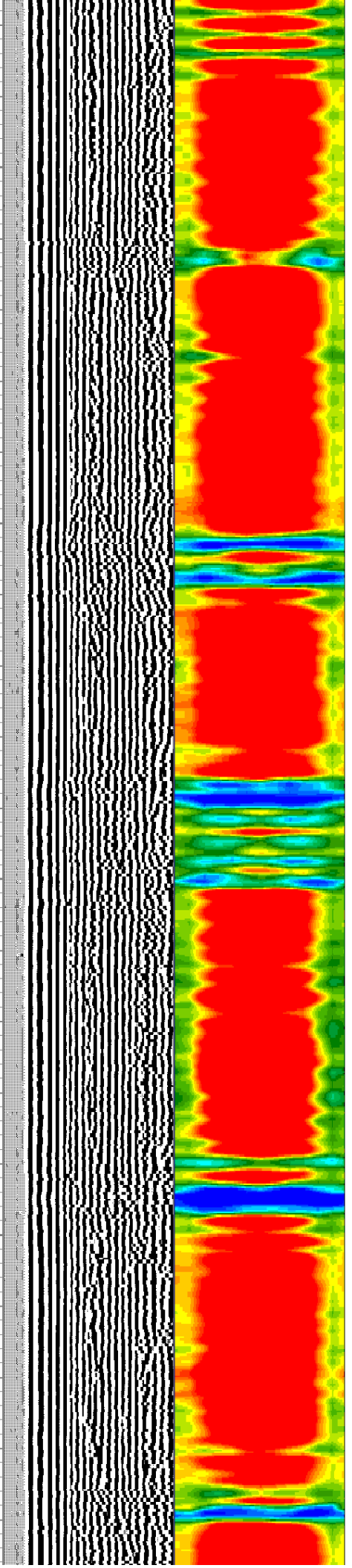
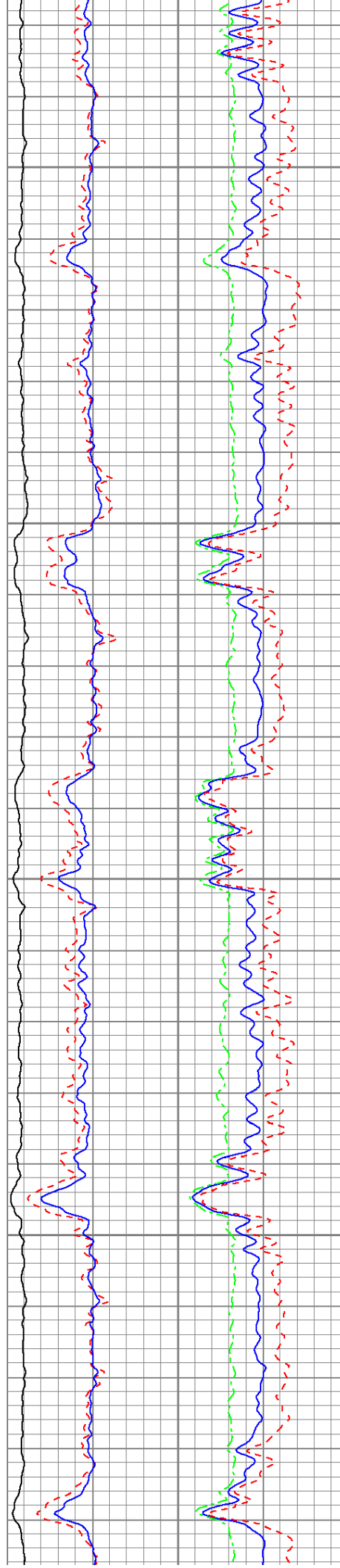


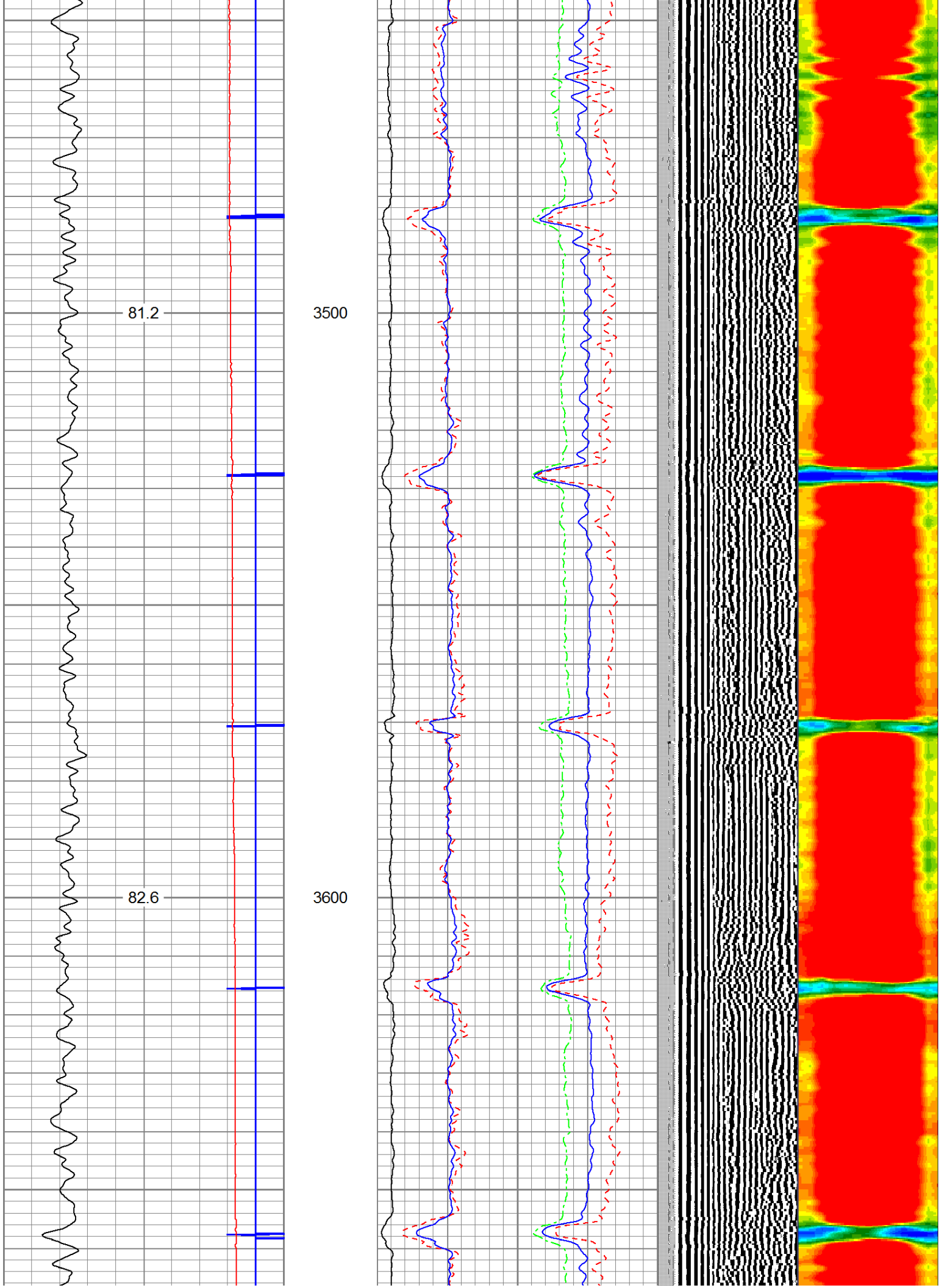


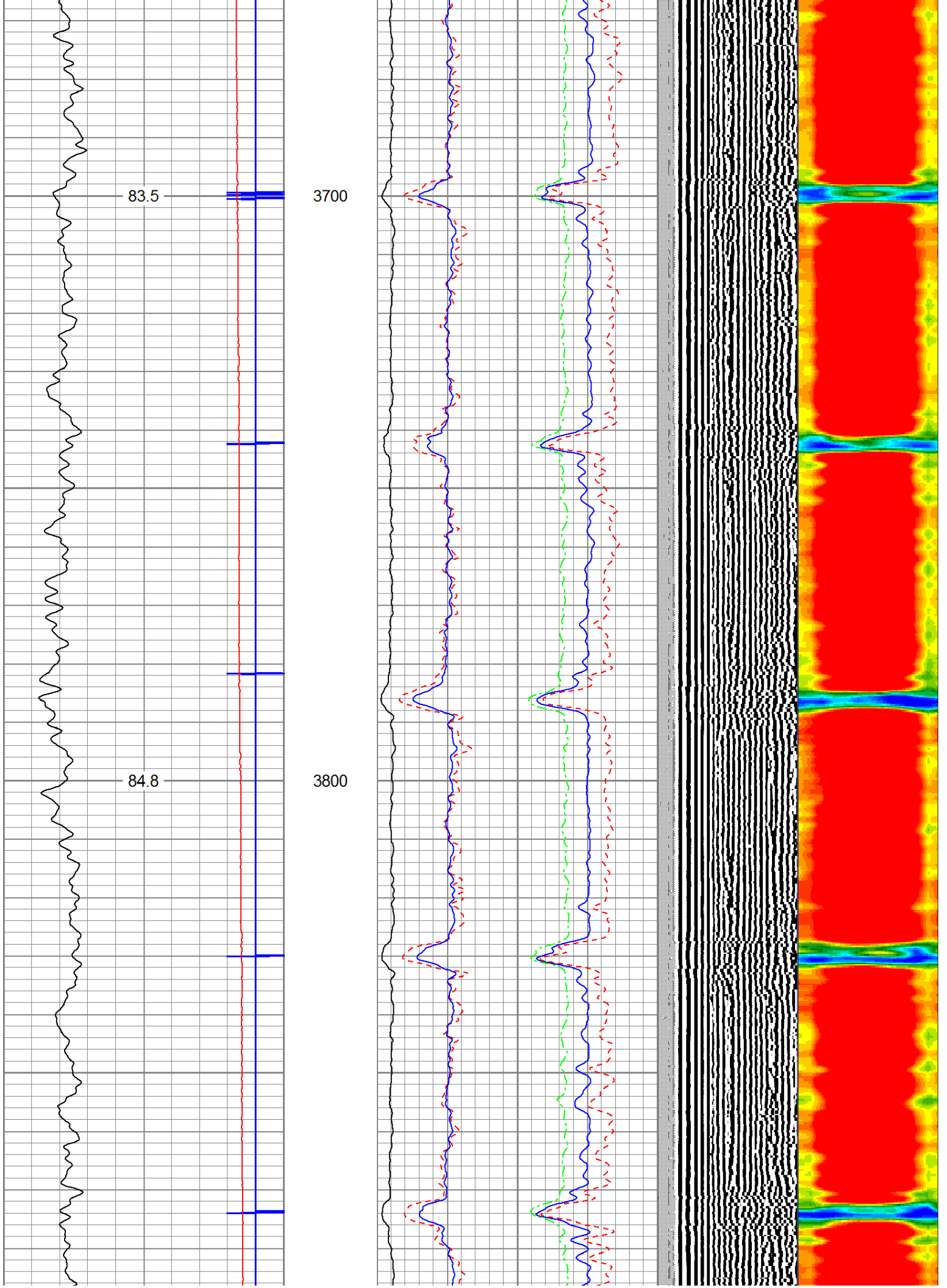


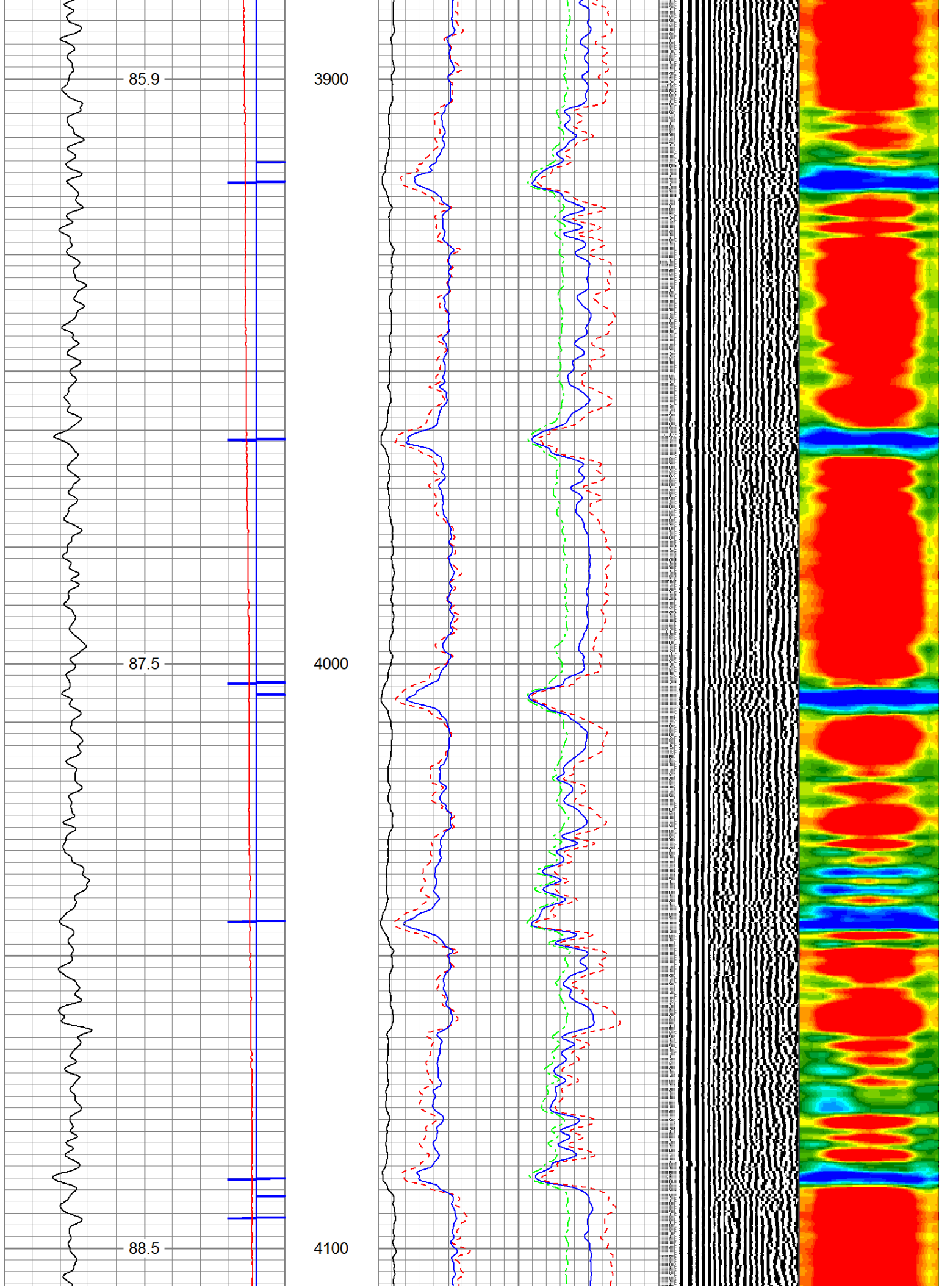
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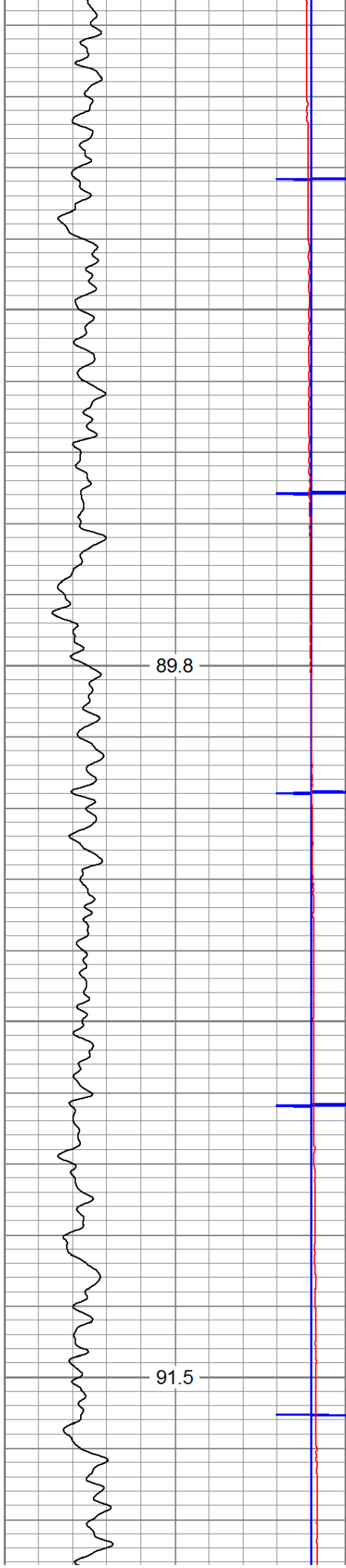
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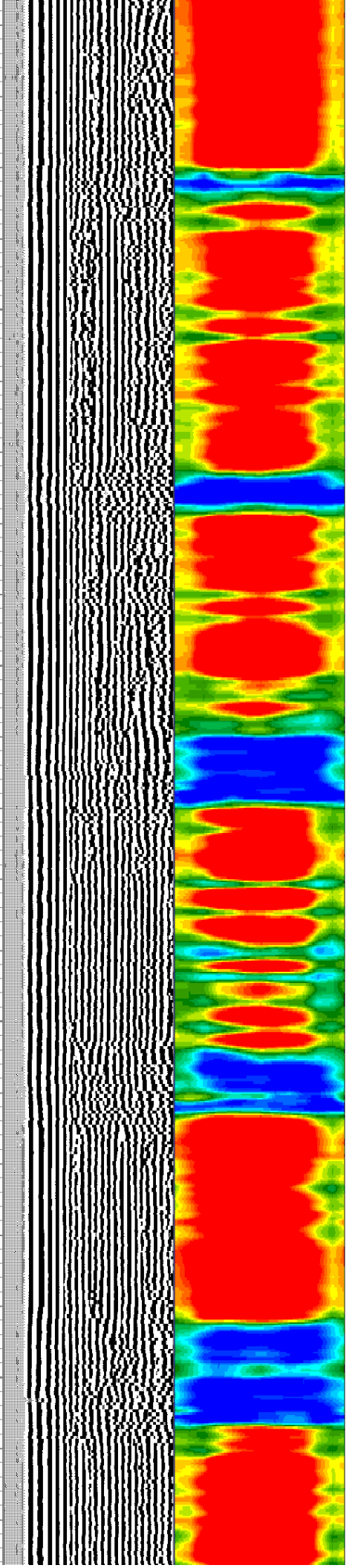
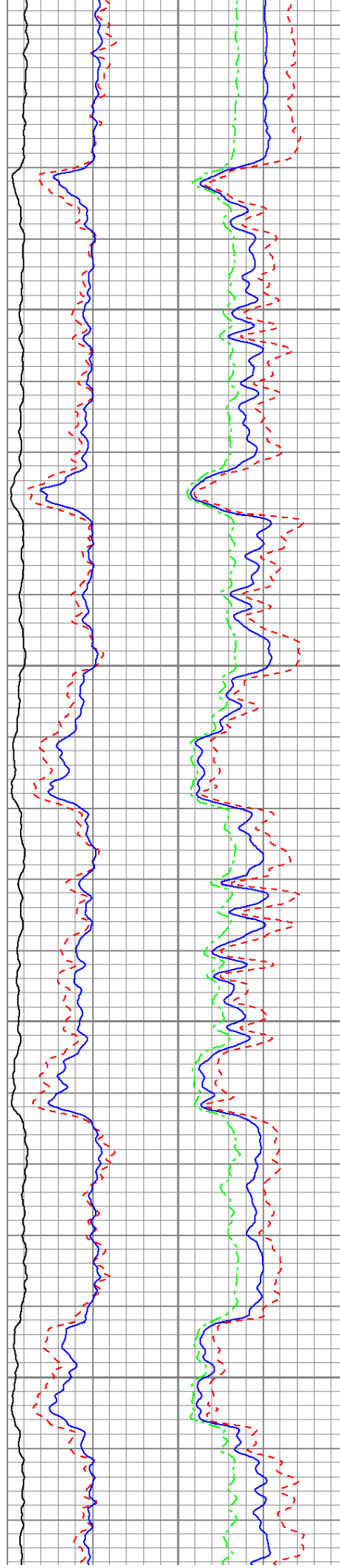


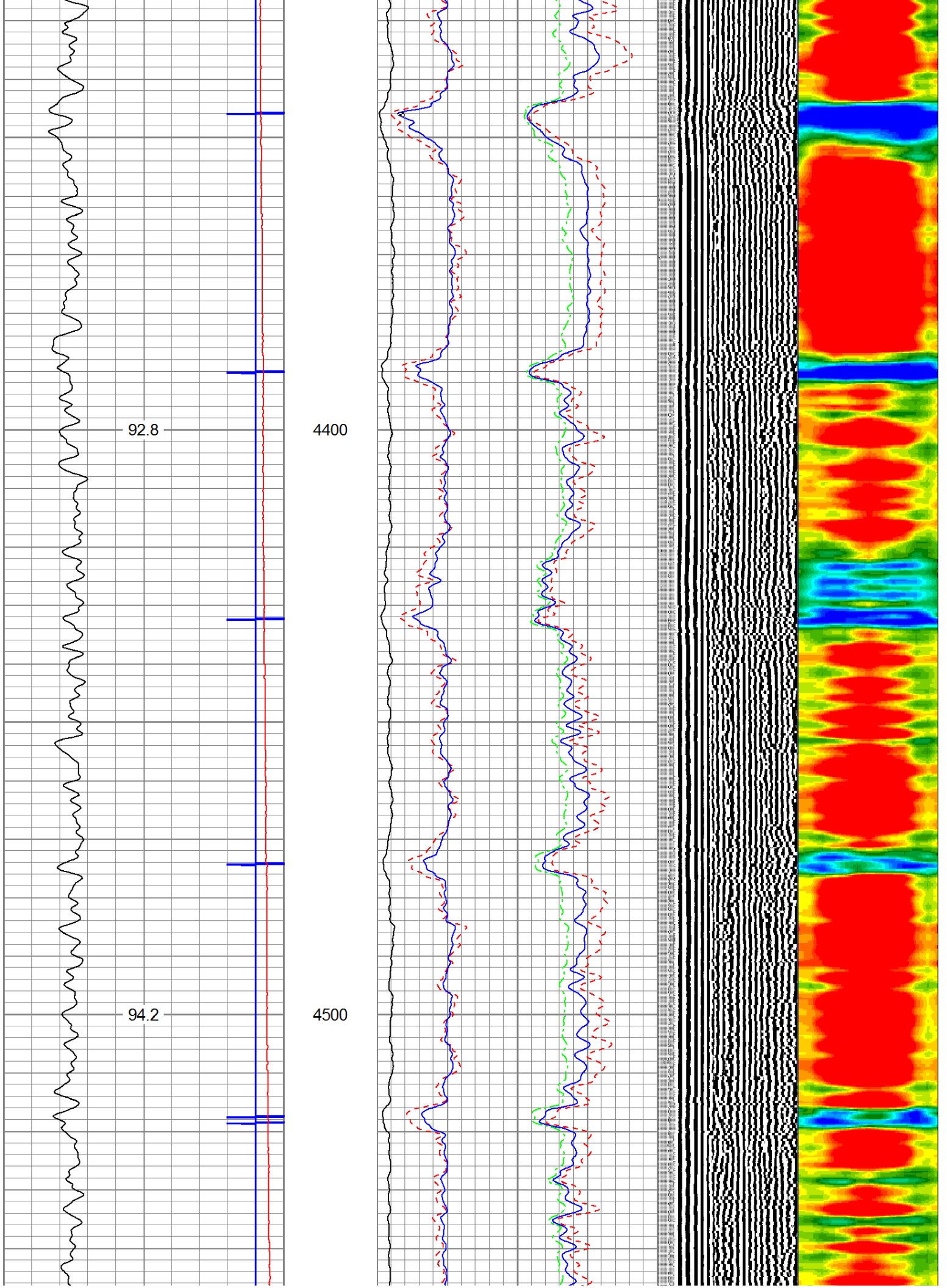


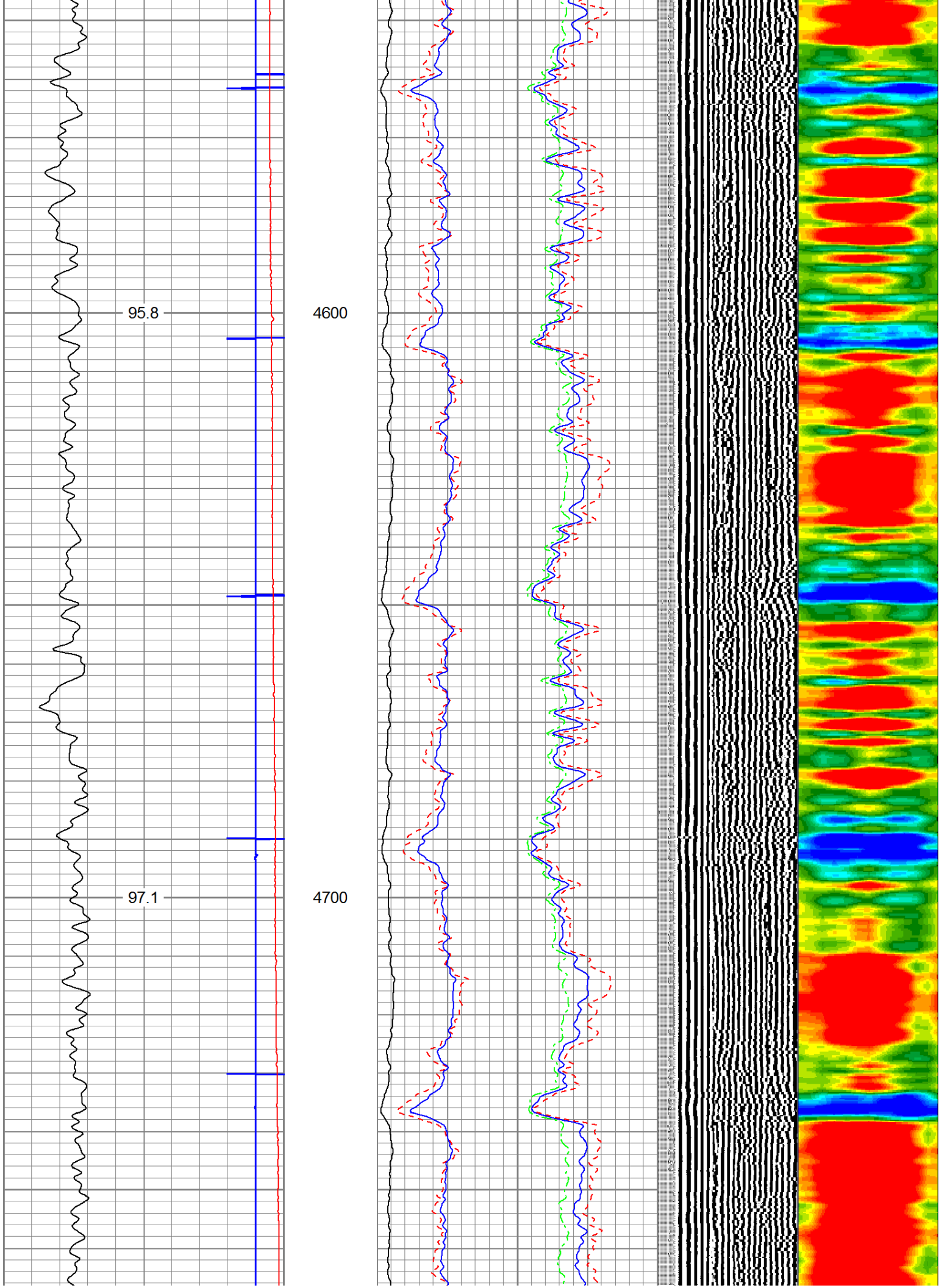


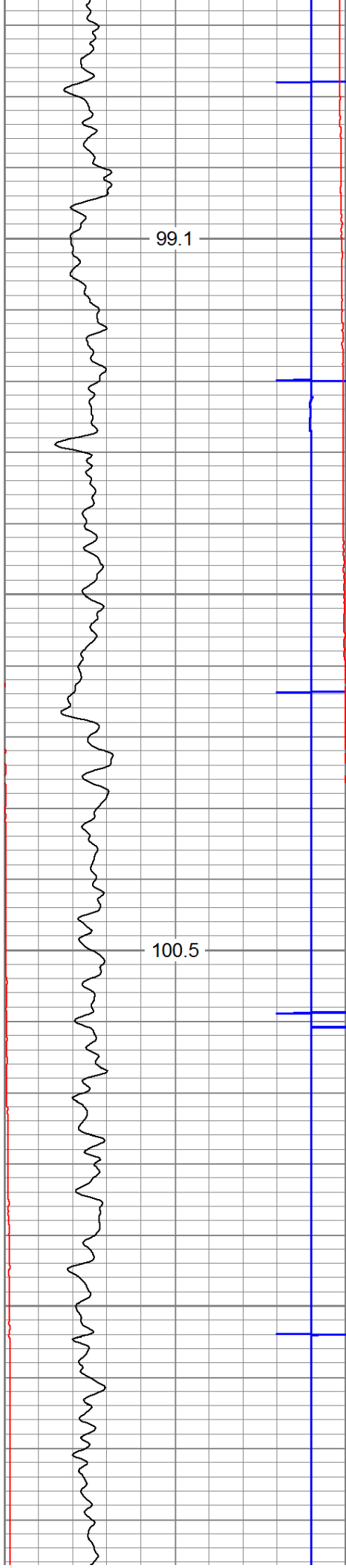
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4300



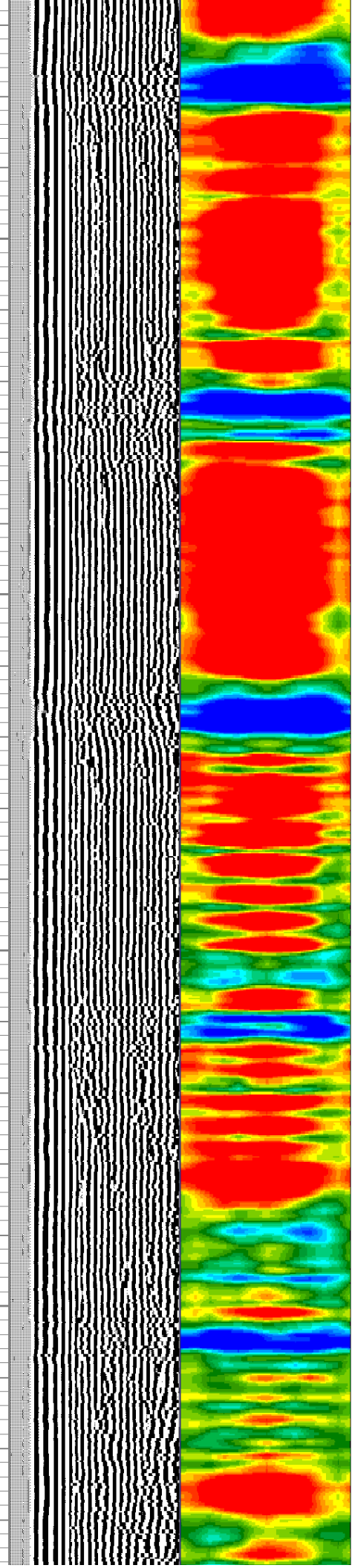
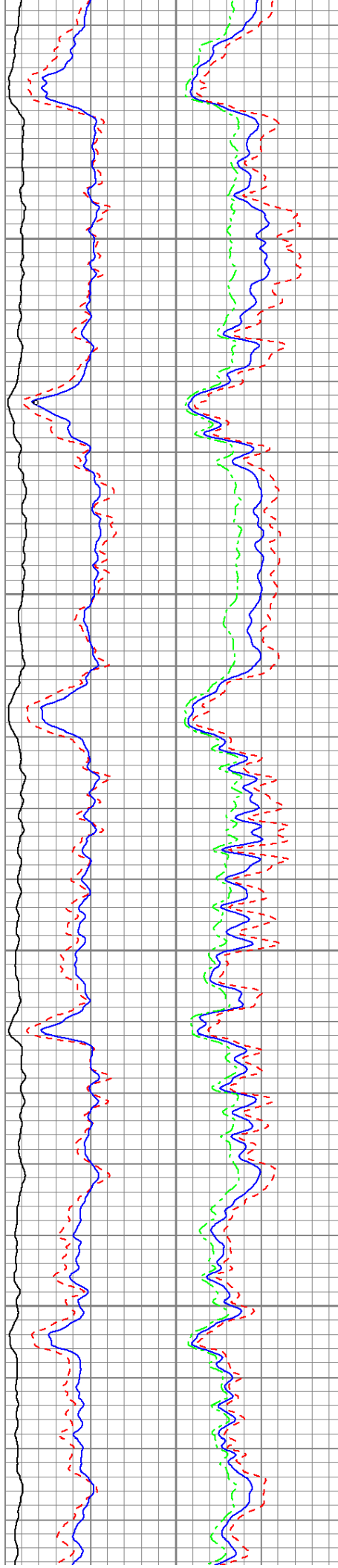




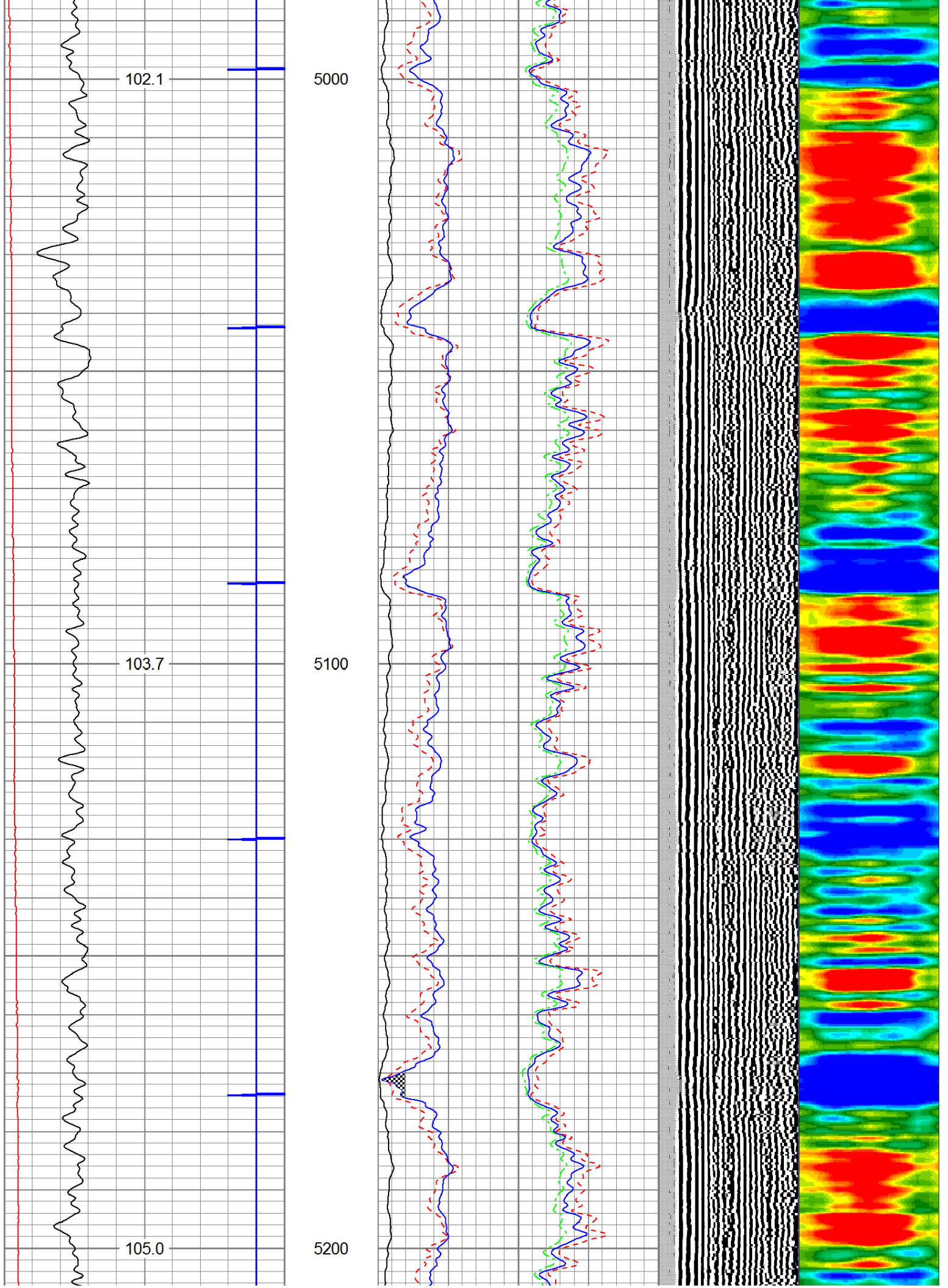


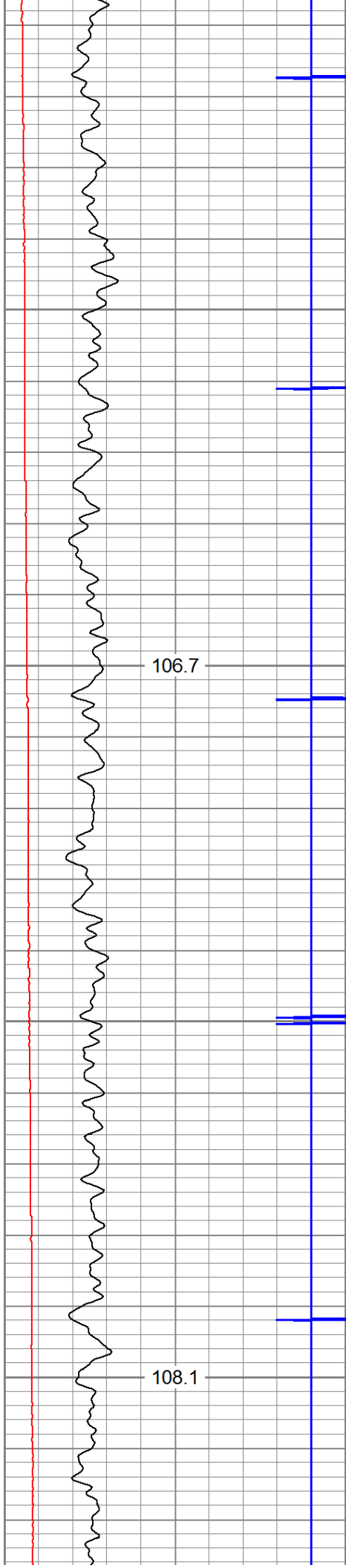
4800

4900



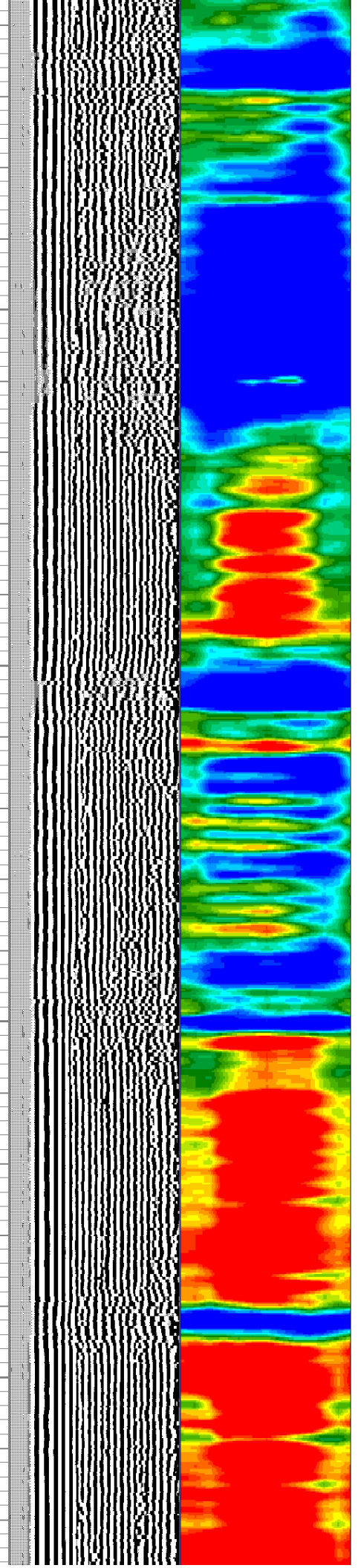
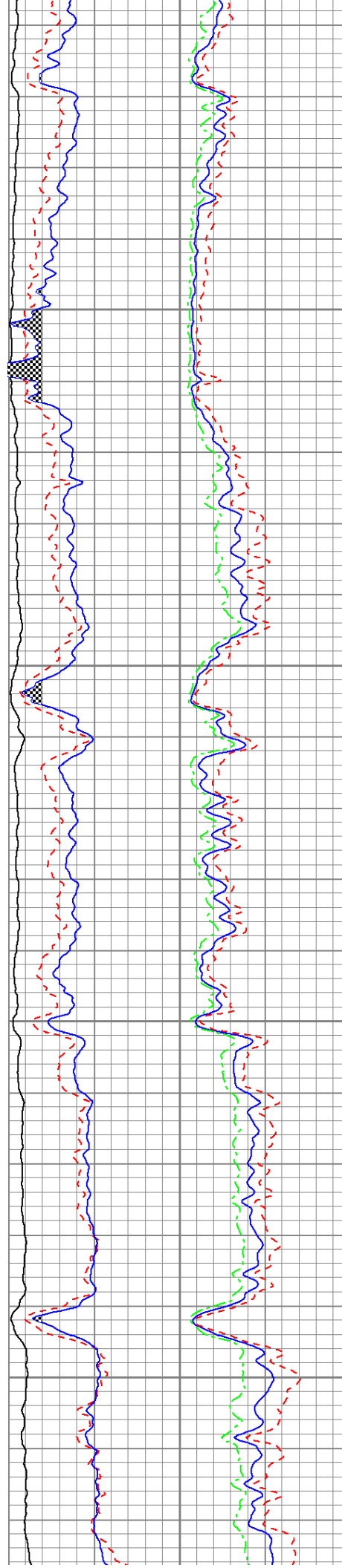


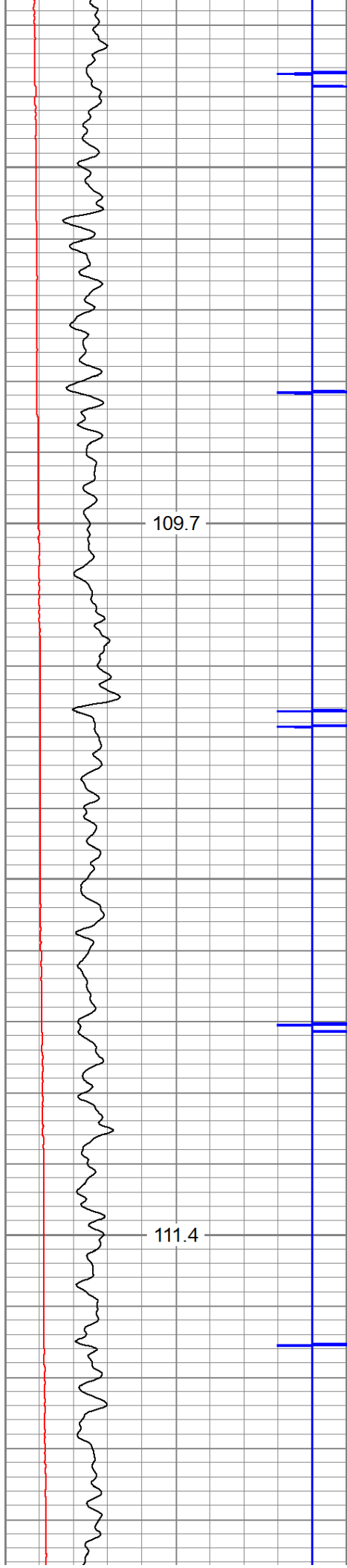




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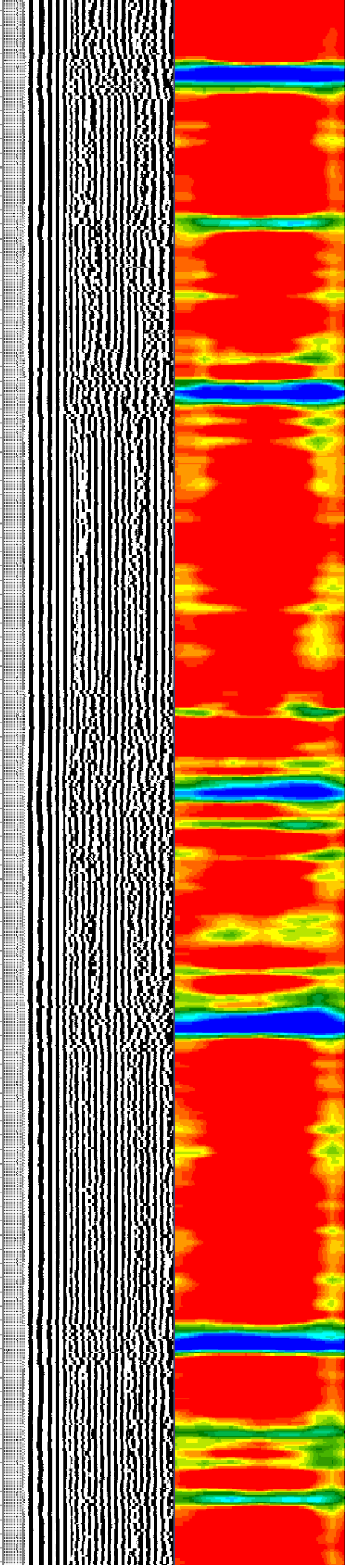
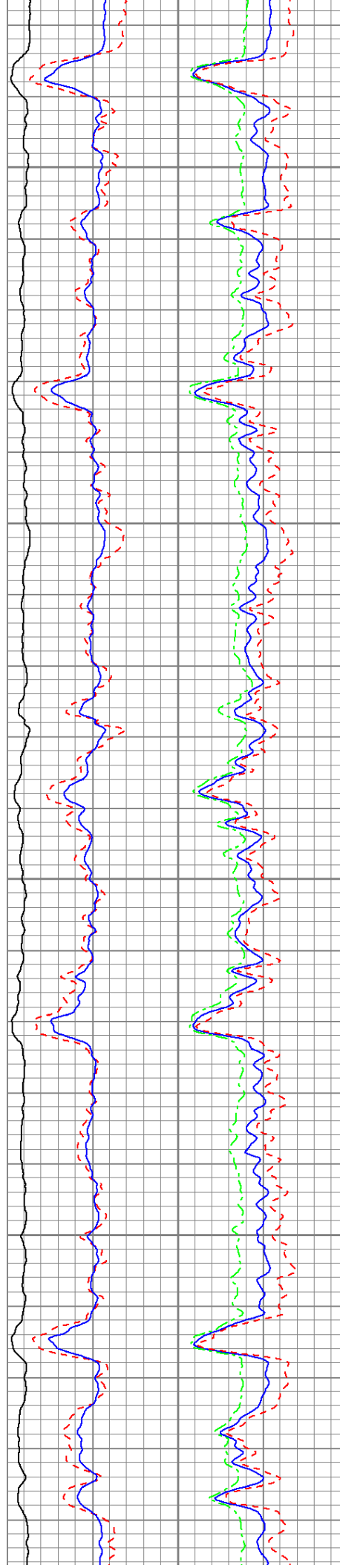
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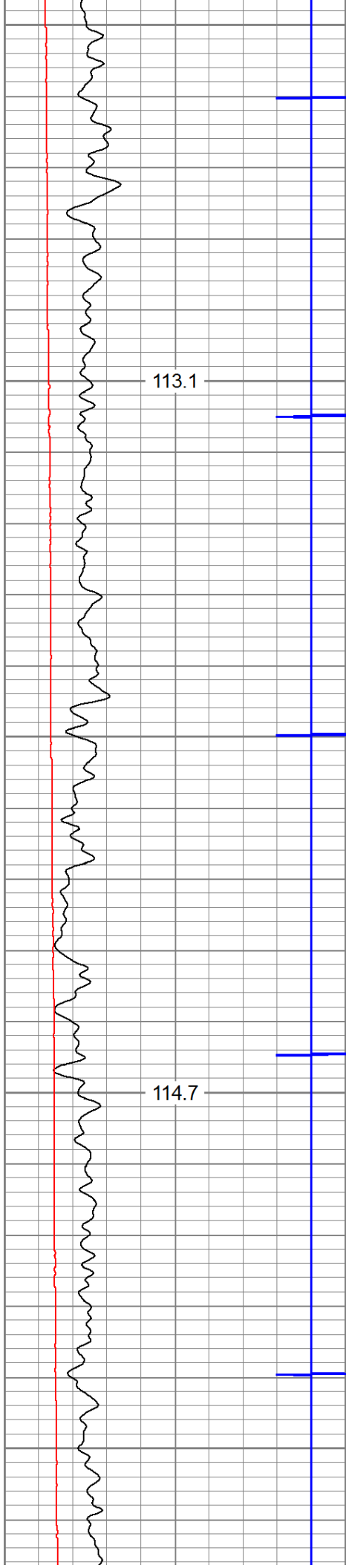




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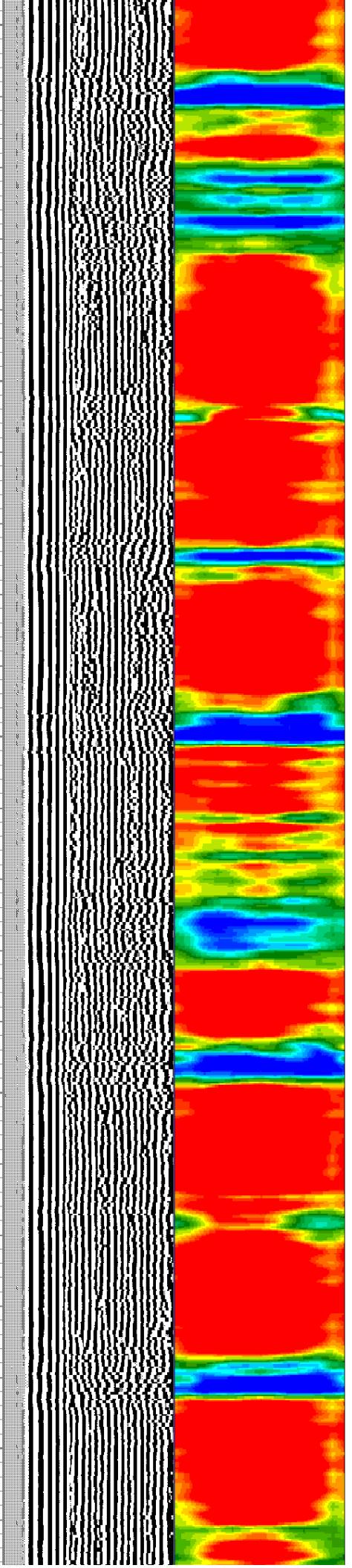
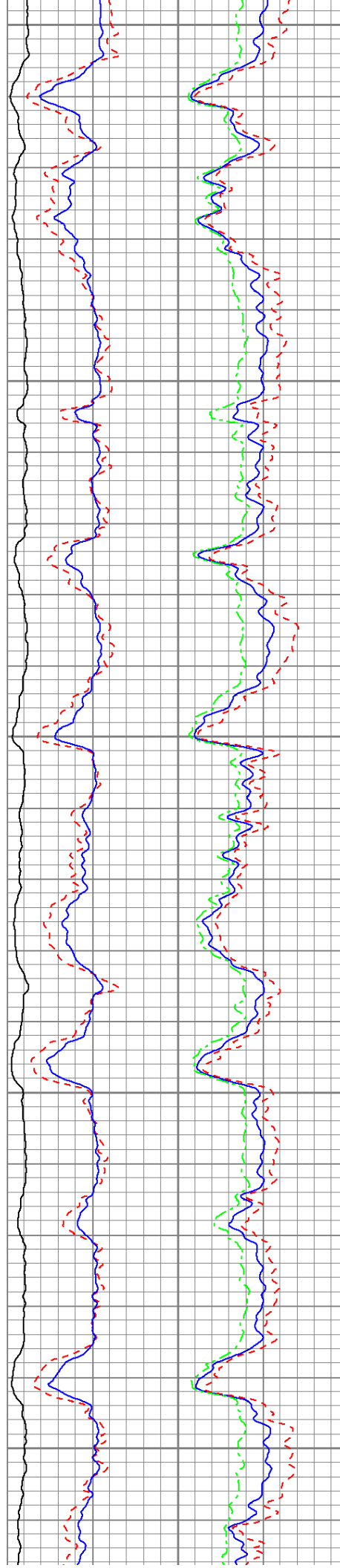
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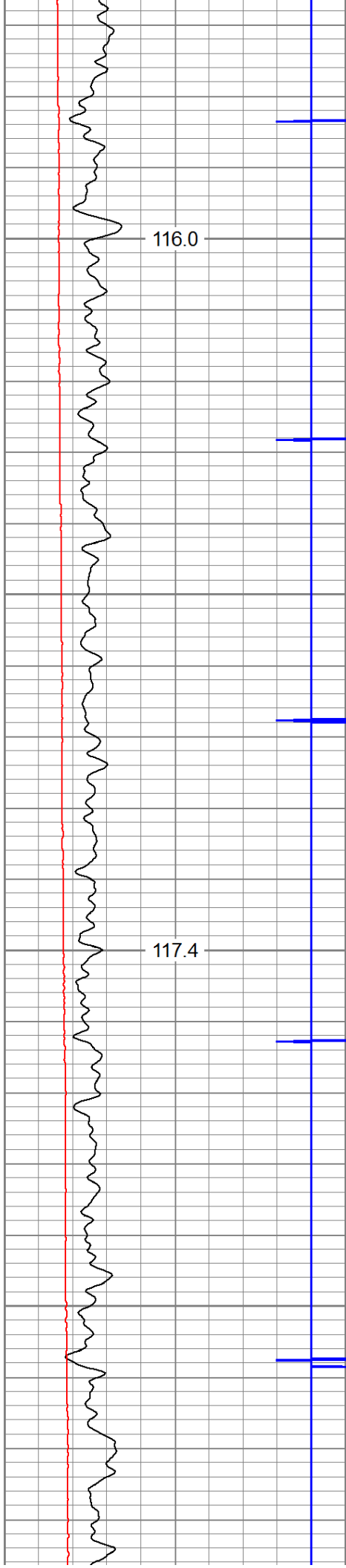




5700

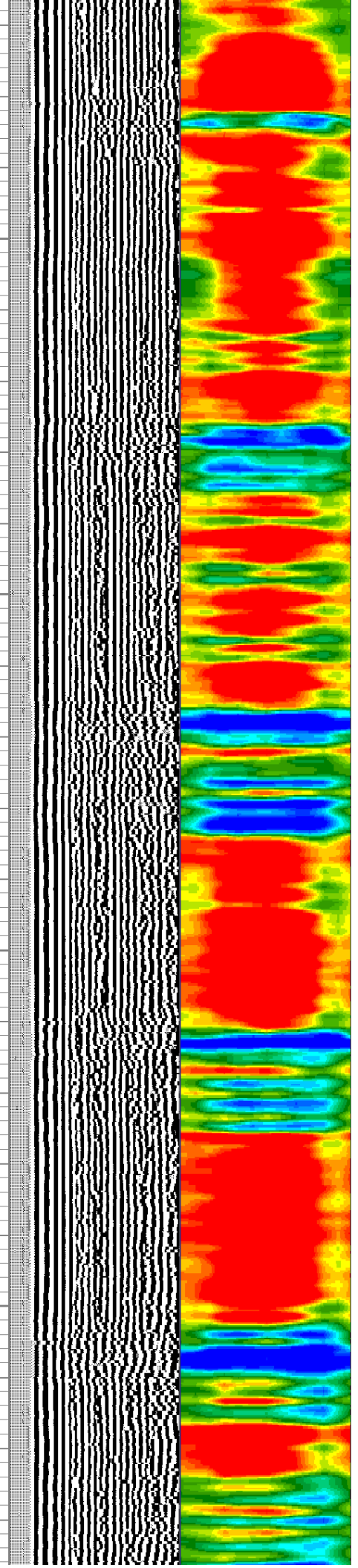
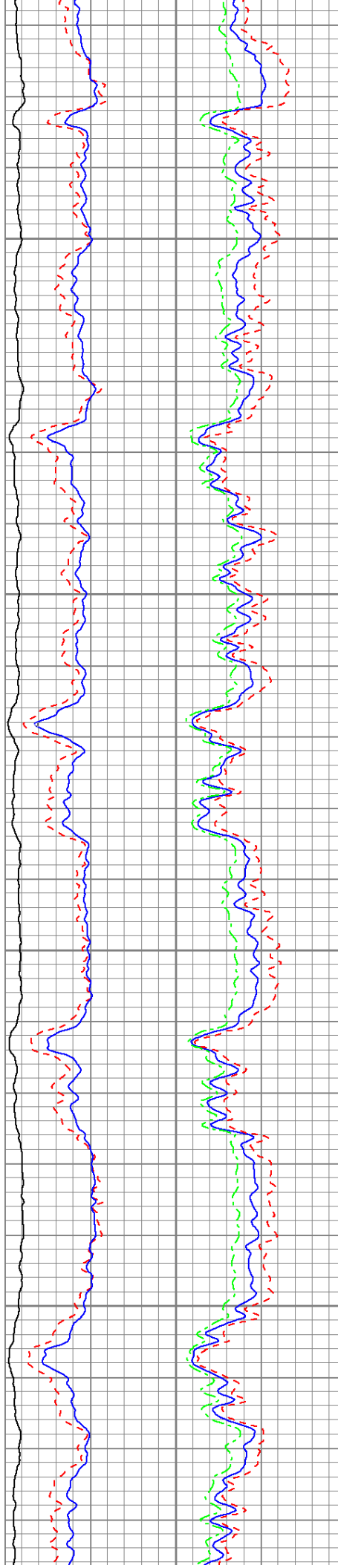
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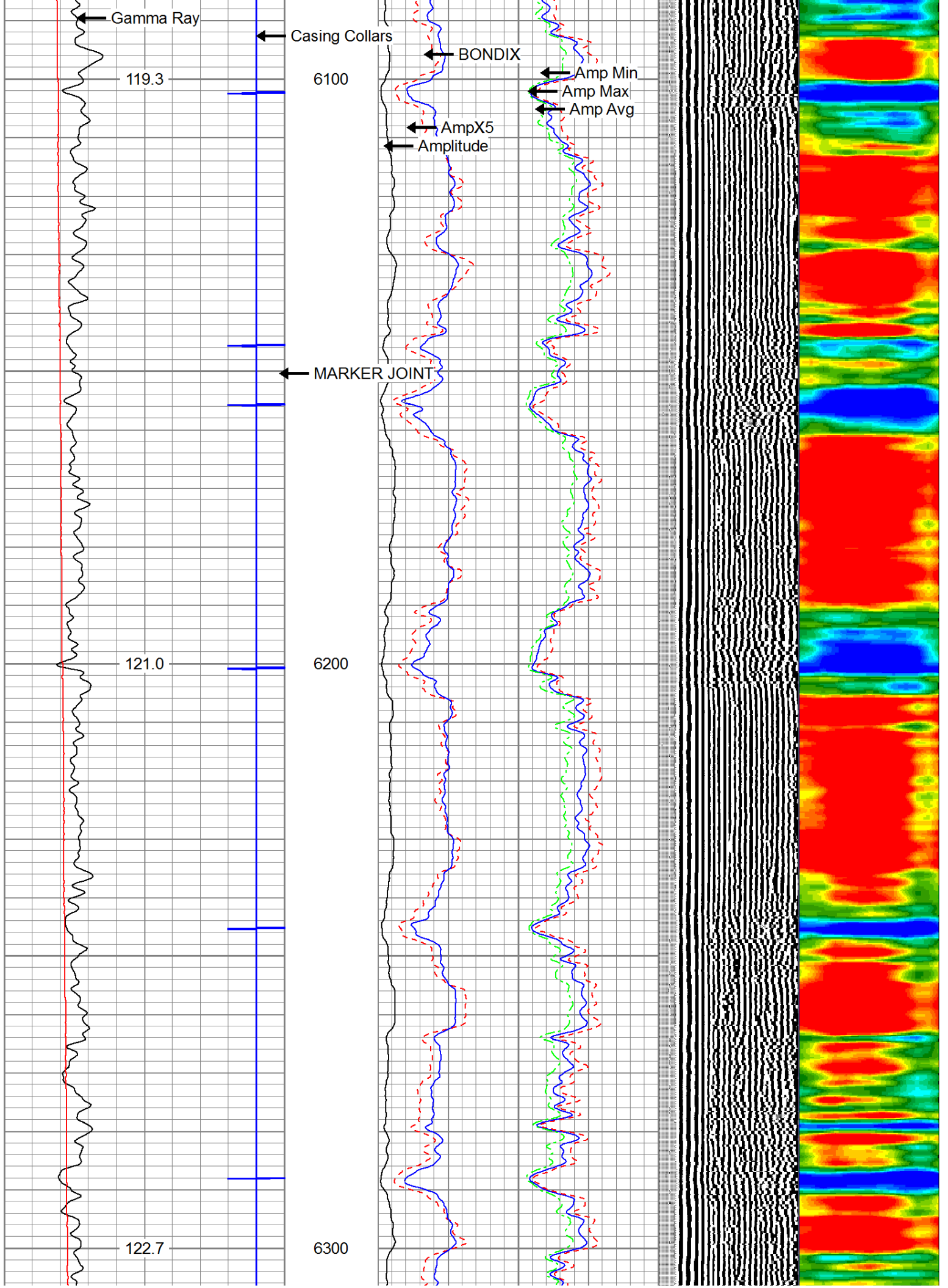


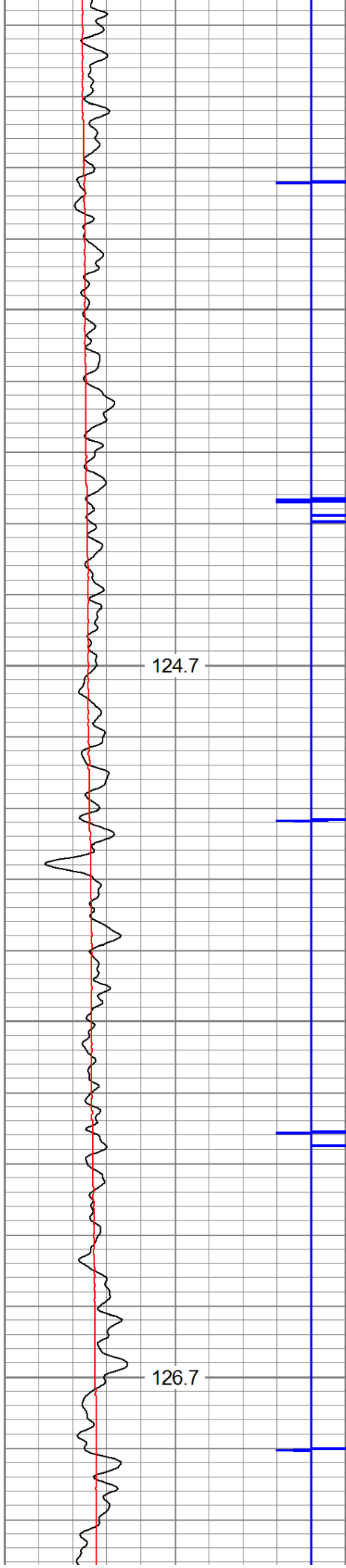


5900

6000

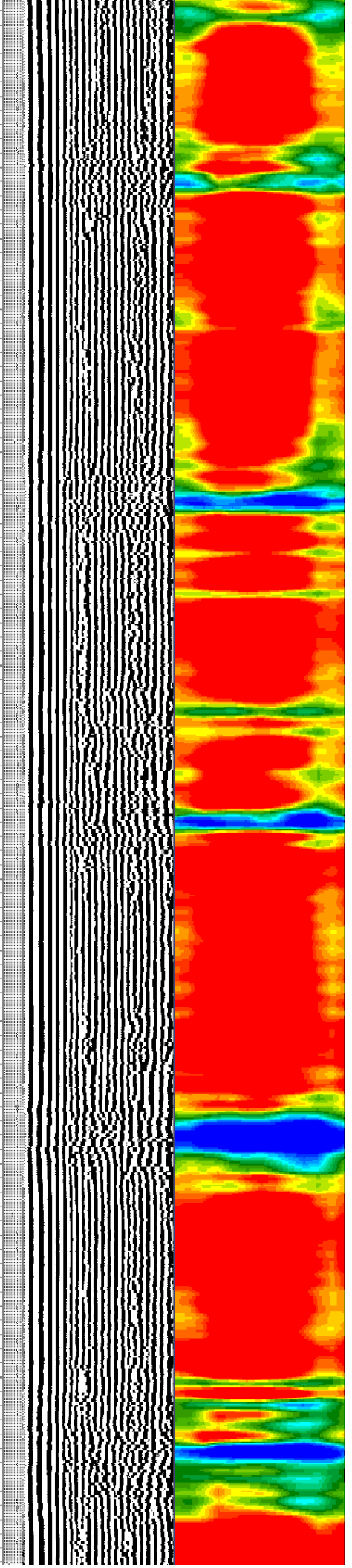
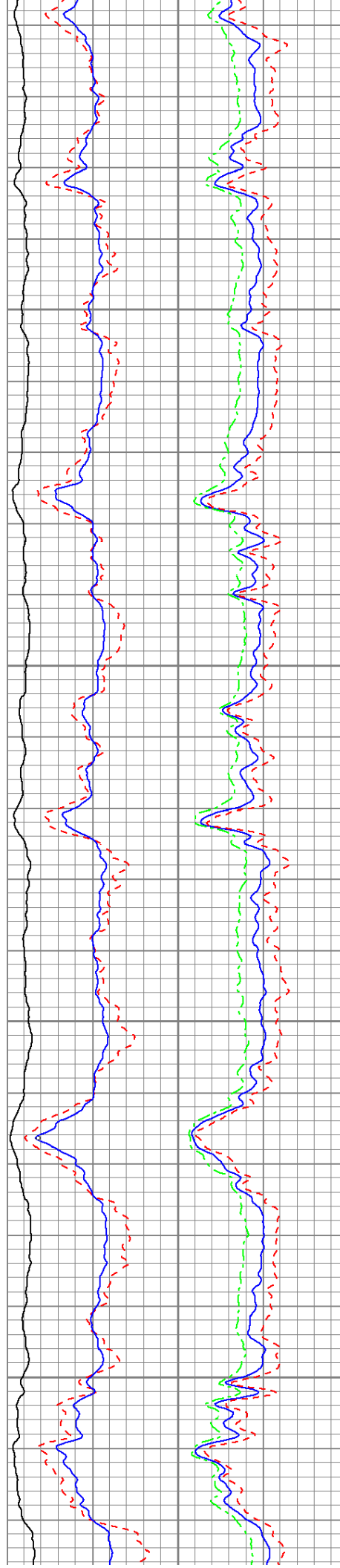


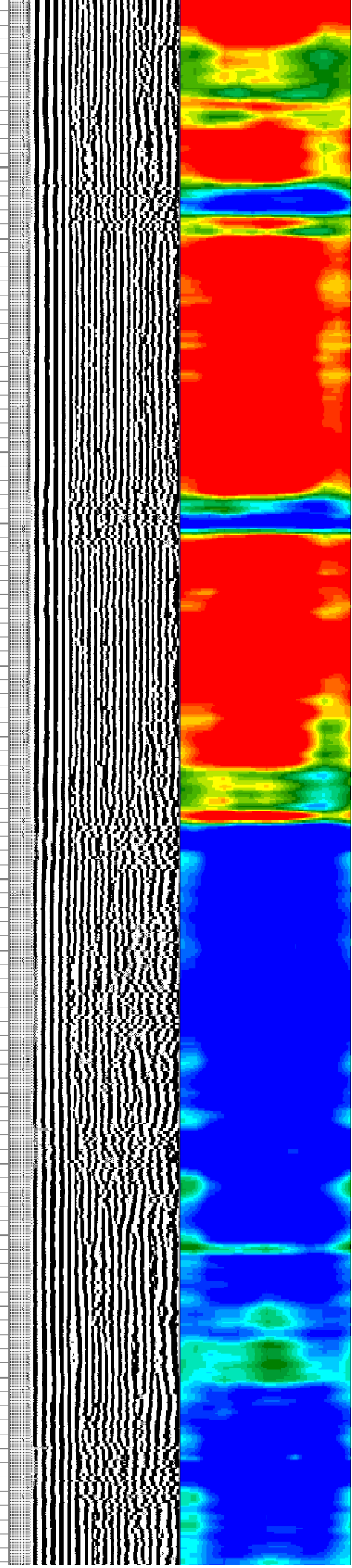
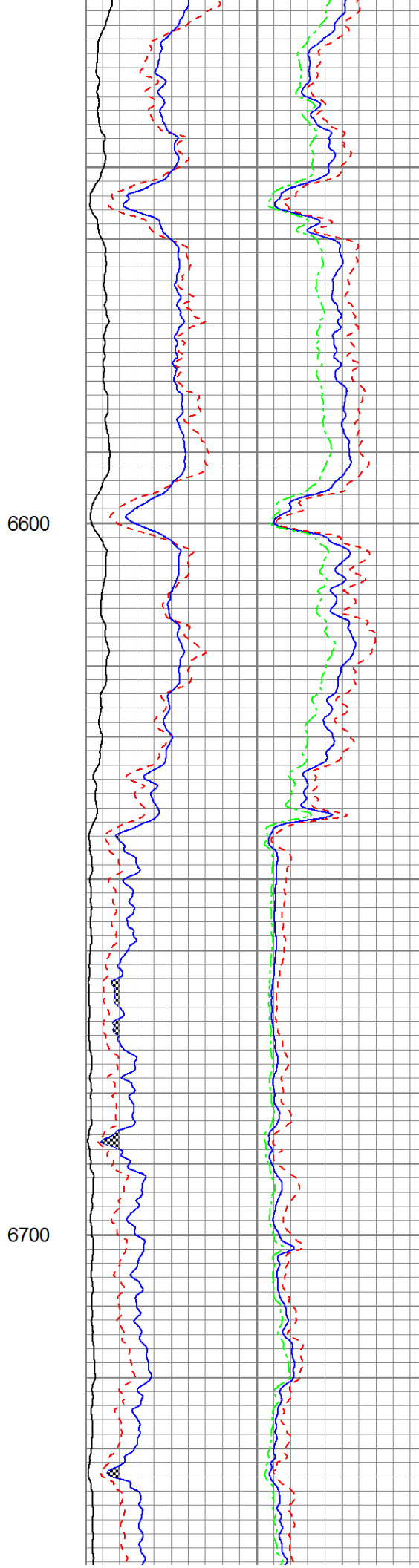
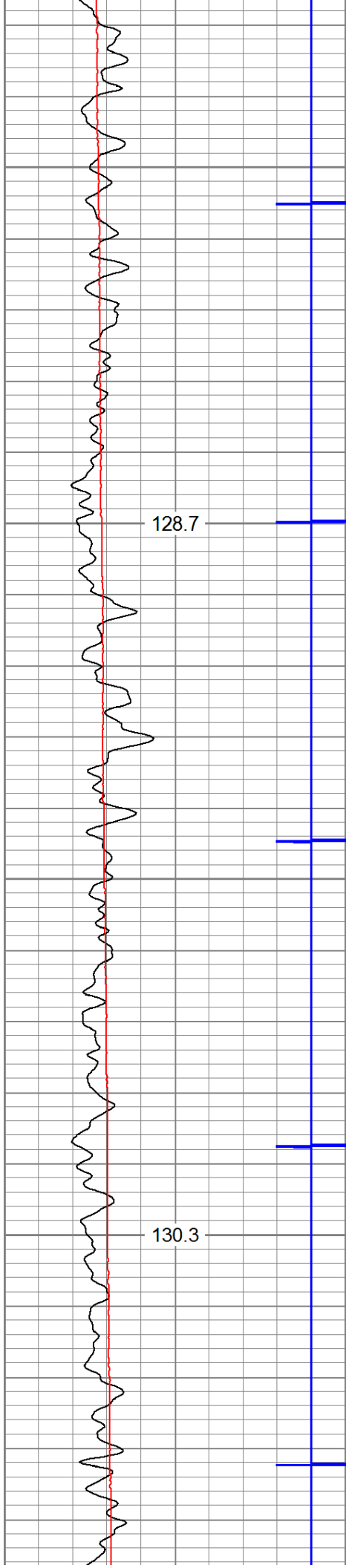




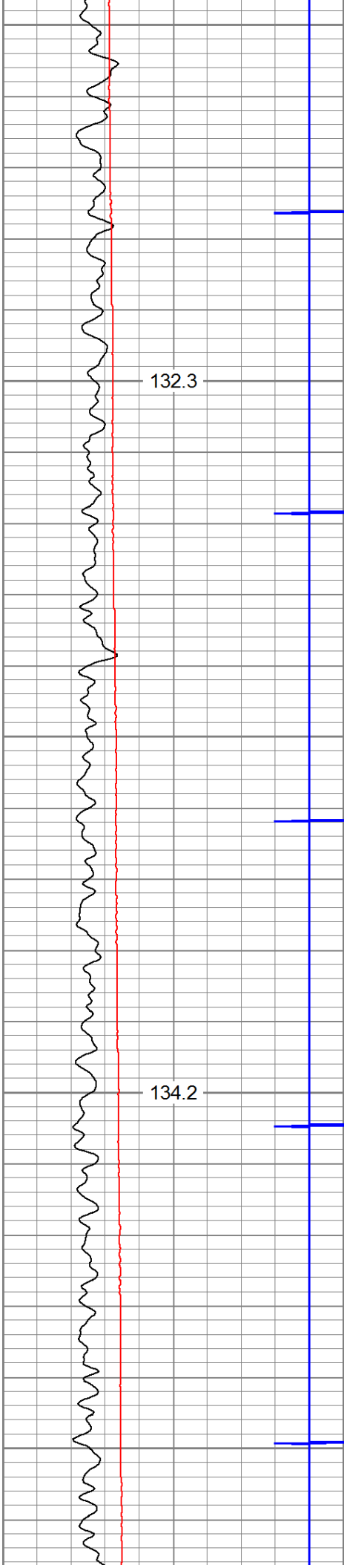
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6500



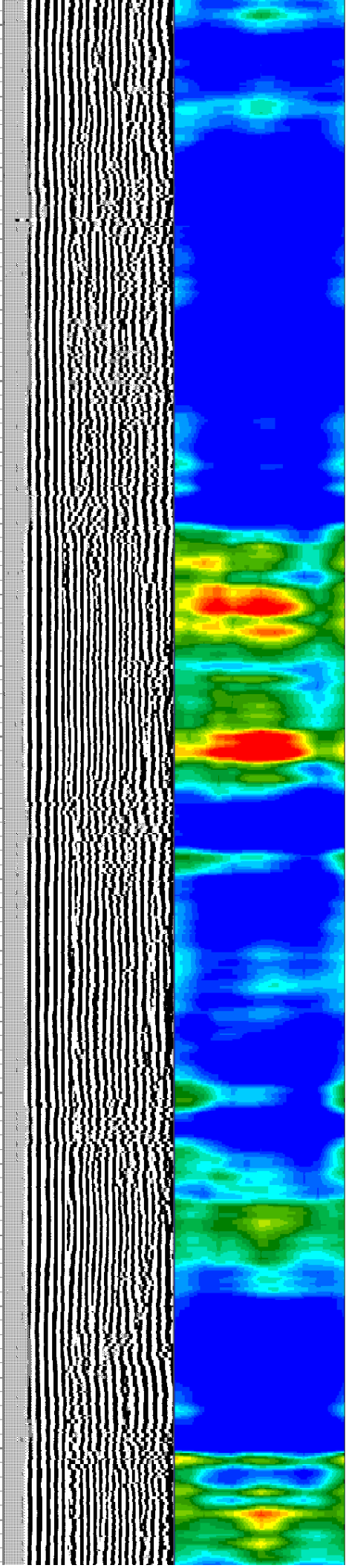
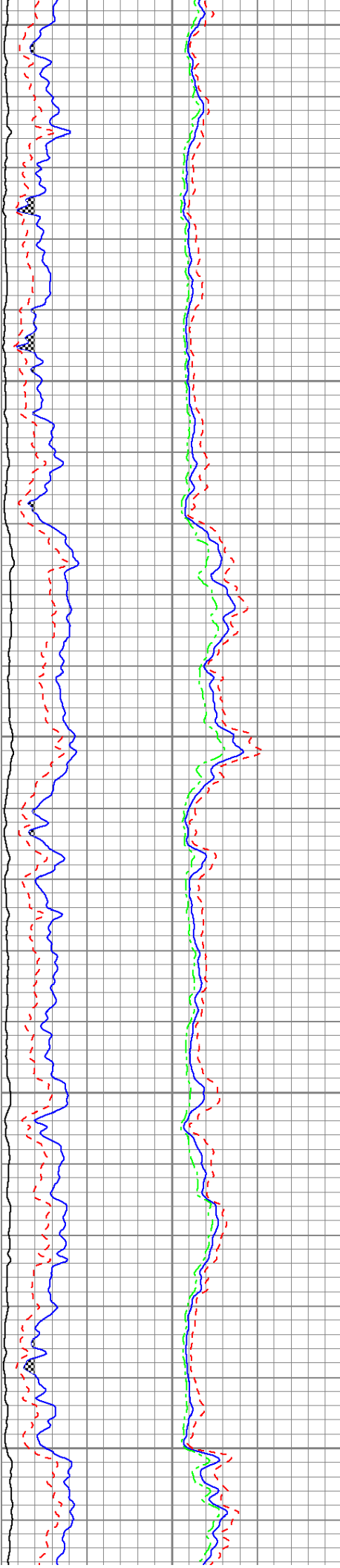


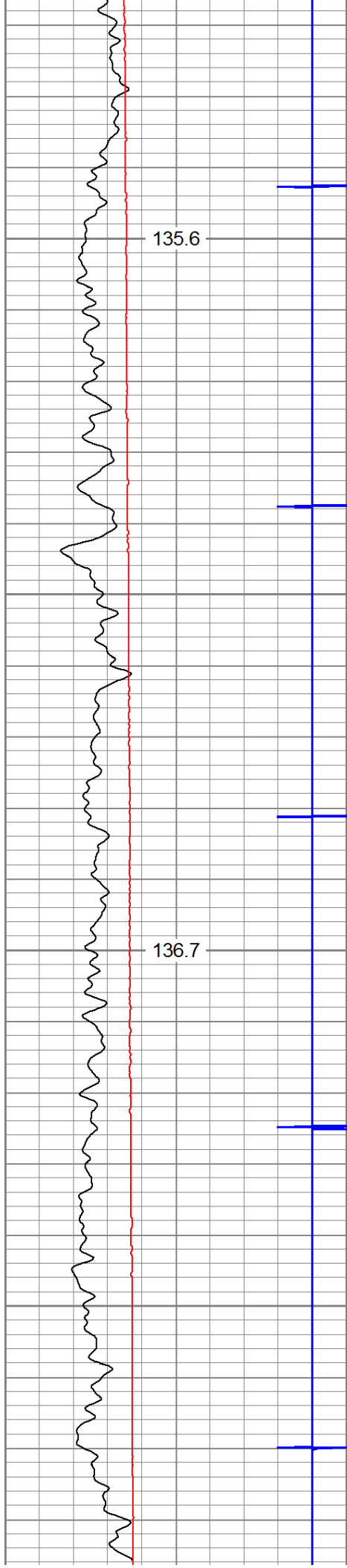




6800

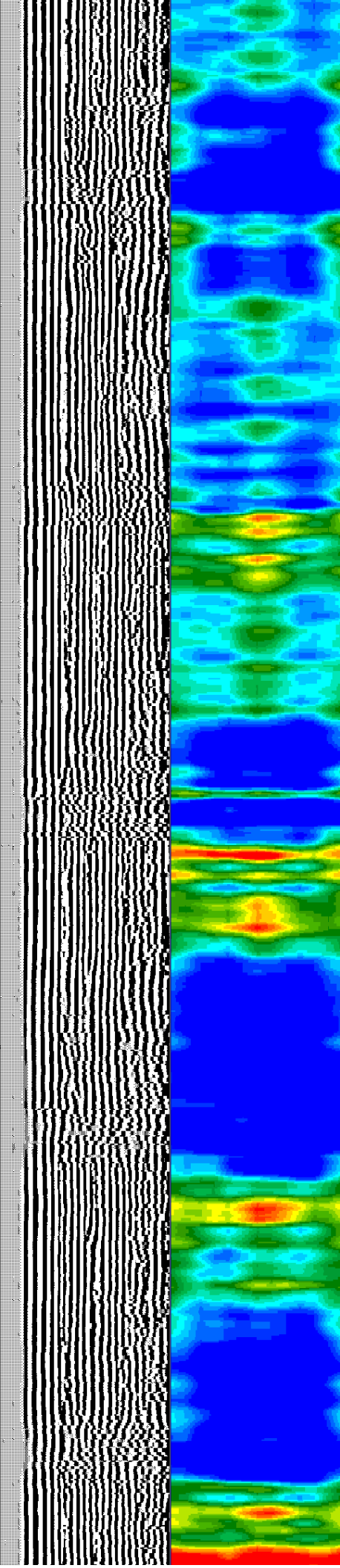
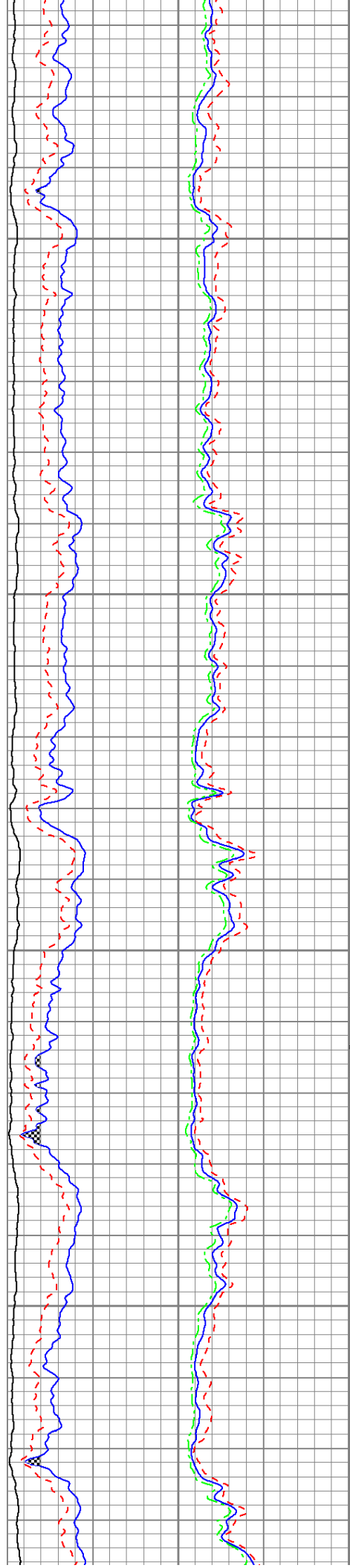
6900

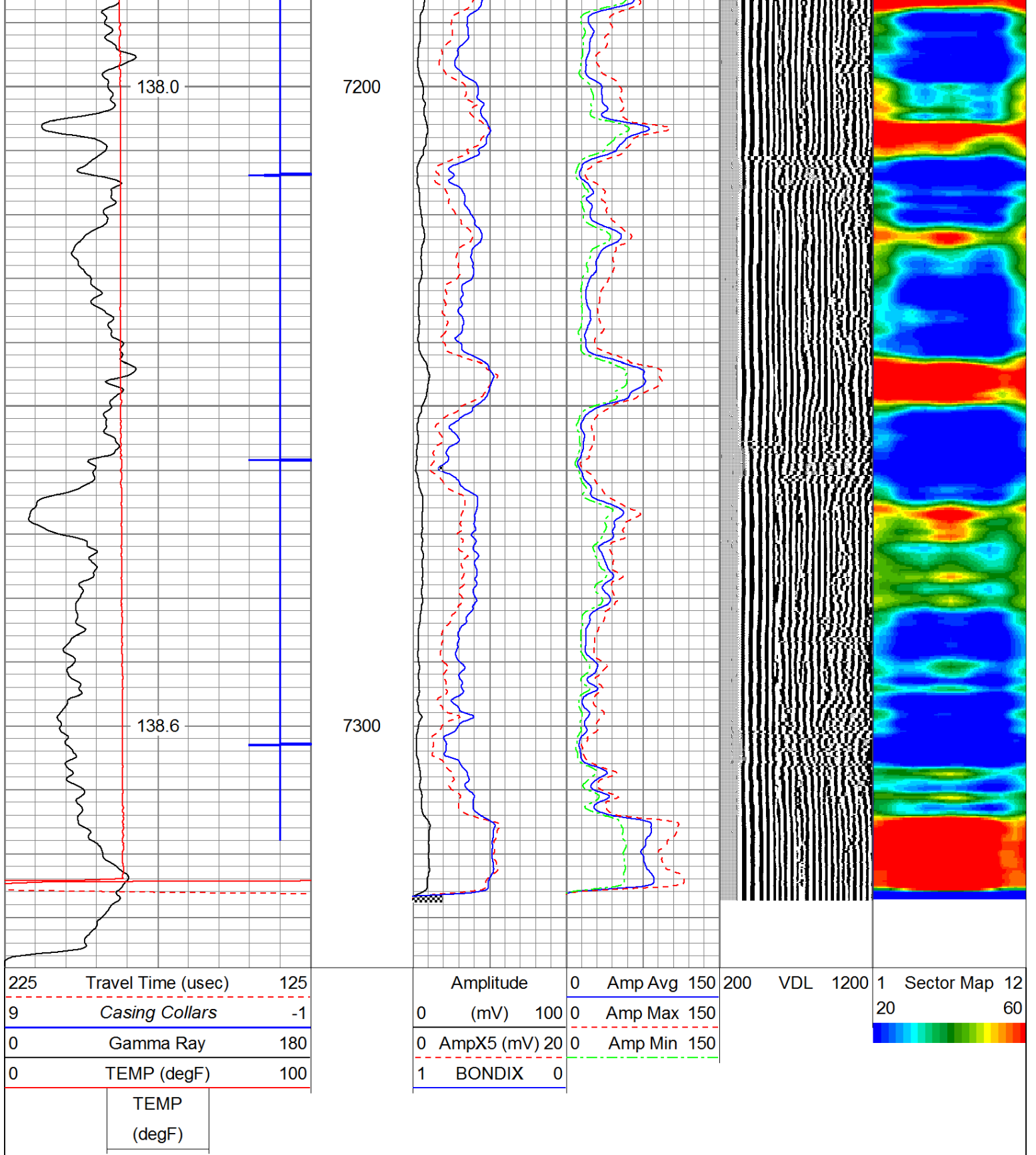




7000

7100





MAIN PASS 1500 PSI




REPEAT PASS

Database File: f:\2019 antero\antero bison pad\antero\_waldo1h.db  
 Dataset Pathname: pass4  
 Presentation Format: antero  
 Dataset Creation: Mon Jan 14 09:16:22 2019  
 Charted by: Depth in Feet scaled 1:240

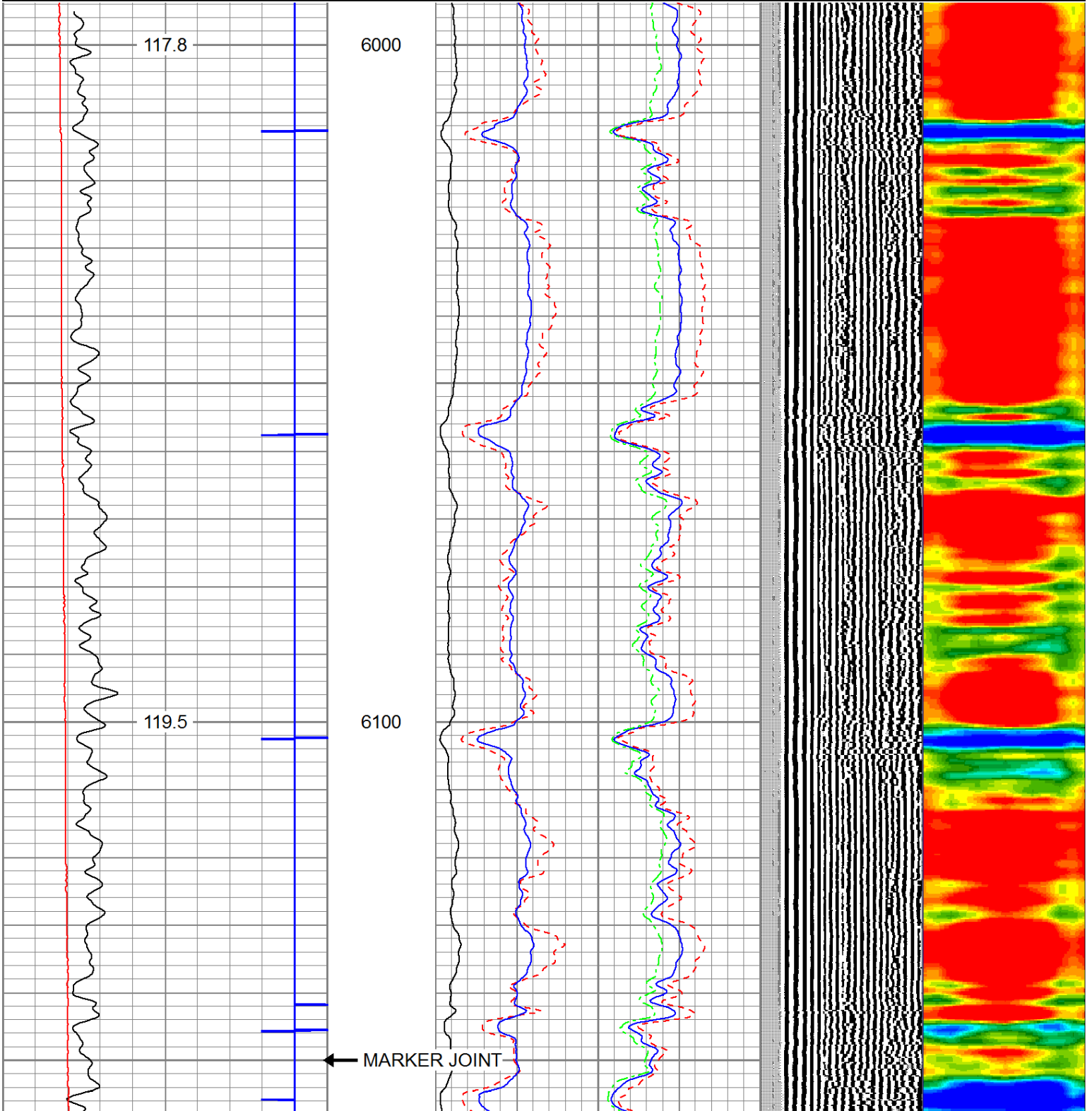
225	Travel Time (usec)	125
9	Casing Collars	-1
0	Gamma Ray	180
0	TEMP (degF)	100

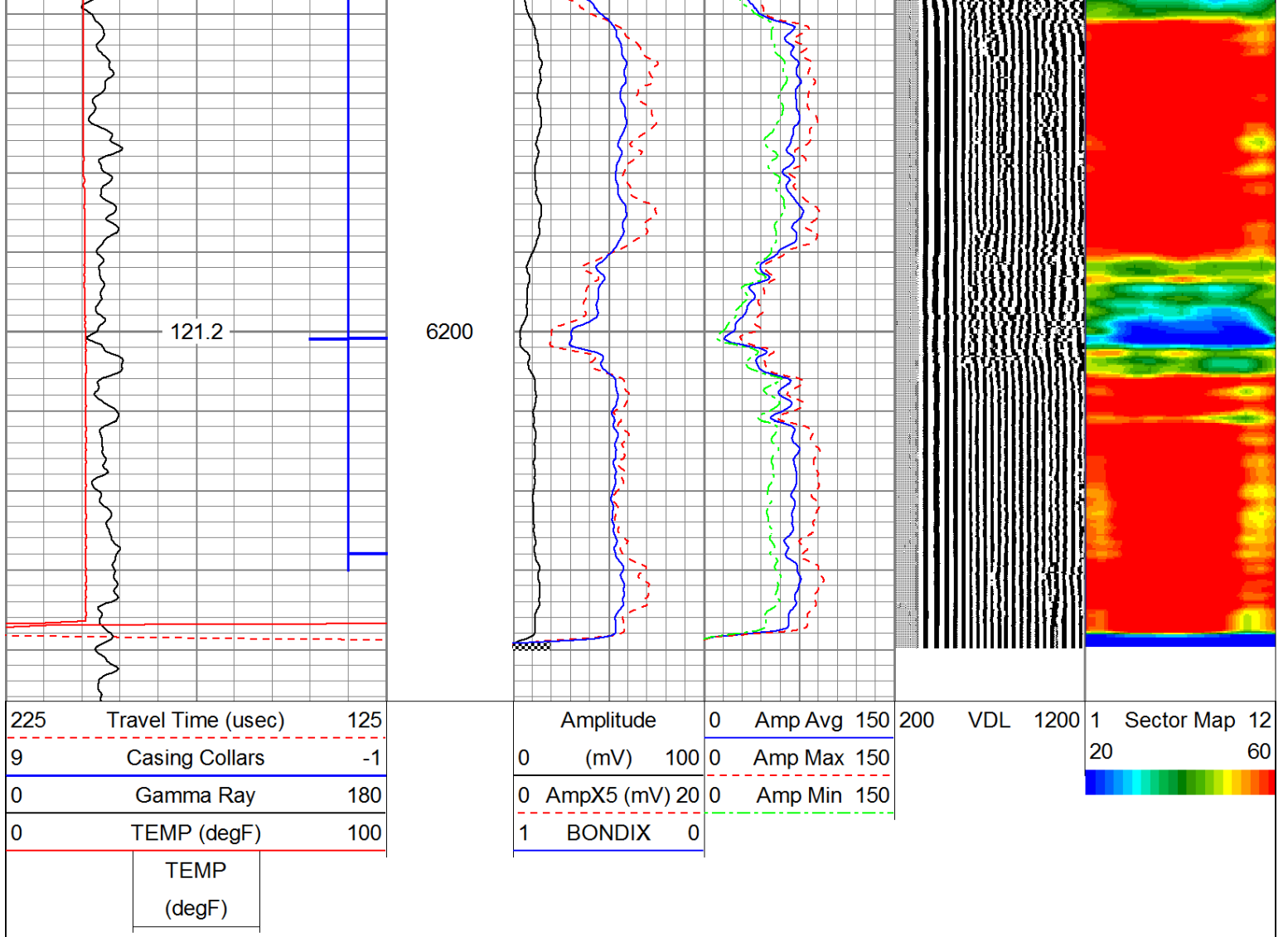
Amplitude	0	Amp Avg	150
(mV)	100	Amp Max	150
AmpX5 (mV)	20	Amp Min	150
BONDIX	0		

200 VDL 1200 1 Sector Map 12  
 20 60



TEMP  
(degF)





# REPEAT PASS

## Log Variables

Database: C:\Warrior\Data\antero\_waldo1h.db  
Dataset: field/well/run1/merge1

### Top - -25.40 ft

XXXX	PPT usec	CASEWGHT lb/ft	MAXAMPL mV	MINAMPL mV	MINATTN db/ft	SRFTEMP degF	CASEOD in
0	0	0	0	0	0	0	0
PERFS	TDEPTH ft	BOTTEMP degF	BOREID in				
0	0	0	0				

### -25.40 ft - 317.50 ft

CASEWGHT lb/ft	MINAMPL mV	MINATTN db/ft	CASEOD in	BOTTEMP degF	BOREID in
23	1	0.8	5.5	100	7.875

### 317.50 ft - 7337.80 ft

**7337.80 ft - Bottom**

CASEWGHT lb/ft 0	MINAMPL mV 0	MINATTN db/ft 0	CASEOD in 0	BOTTEMP degF 0	BOREID in 0
------------------------	--------------------	-----------------------	-------------------	----------------------	-------------------

**Calibration Report**

Database File: antero\_waldo1h.db  
 Dataset Pathname: merge1  
 Dataset Creation: Tue Jan 15 19:53:50 2019

**Gamma Ray Calibration Report**

Serial Number: IPSNO-03  
 Tool Model: Tek-Co 2 3/4  
 Performed: Mon Nov 07 10:23:17 2016

Calibrator Value: 1.0

Background Reading: 0.0 cps  
 Calibrator Reading: 1.0 cps

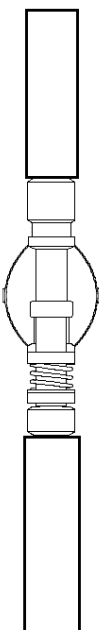
Sensitivity: 0.3000 /cps

**Temperature Calibration Report**

Serial Number: IOL40-05  
 Tool Model: Tek12  
 Performed: Wed Jul 31 10:53:14 2013

	Reference		Reading
Low Reference:	0.00 degF		0.00 usec
High Reference:	1.00 degF		1.00 usec

Gain: 0.33  
 Offset: 0.00  
 Delta Spacing: 2

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
CCL	18.93		CCL-312tekco (3.12TEKCO) Tekco 3 1/8" 450 Deg. "F" SmCo Logging CCL	1.82	3.12	25.00
			2.75 2 3/4" Tekco Adjustable Centralizer	2.73	2.75	25.00

TEMP	12.77					
WVFS1	11.48		SCBL-Tek12 (IOL40-05) Tekco 400 Deg F 12 Sector RIB with Temp	9.13	3.25	135.00
WVFS2	11.48					
WVFS3	11.48					
WVFS4	11.48					
WVFS5	11.48					
WVFS6	11.48					
WVFS7	11.48					
WVFS8	11.48					
WVFS9	11.48					
WVFS10	11.48					
WVFS11	11.48					
WVFS12	11.48					
WVF3FT	10.73					
WVFCAL	10.73					
WVF5FT	9.73					
WVFTEMP	6.40					
WVFSYNC	6.40		2.75	2.73	2.75	25.00
			2 3/4" Tekco Adjustable Centralizer			
			GR-Tek-Co 2 3/4 (IPSNO-03)	3.67	2.75	40.00
			Tekco 2 3/4" 400 Deg. F Logging Gamma Ray			
GR	1.04					

Dataset: antero\_waldo1h.db: field/well/run1/merge1  
Total Length: 20.07 ft  
Total Weight: 250.00 lb  
O.D.: 3.25 in



Company ANTERO RESOURCES CORPORATION  
Well WALDO UNIT 1H  
Field MARCELLOUS  
County RITCHIE  
State WV Country