



DEPTH SCALE: 5":100'

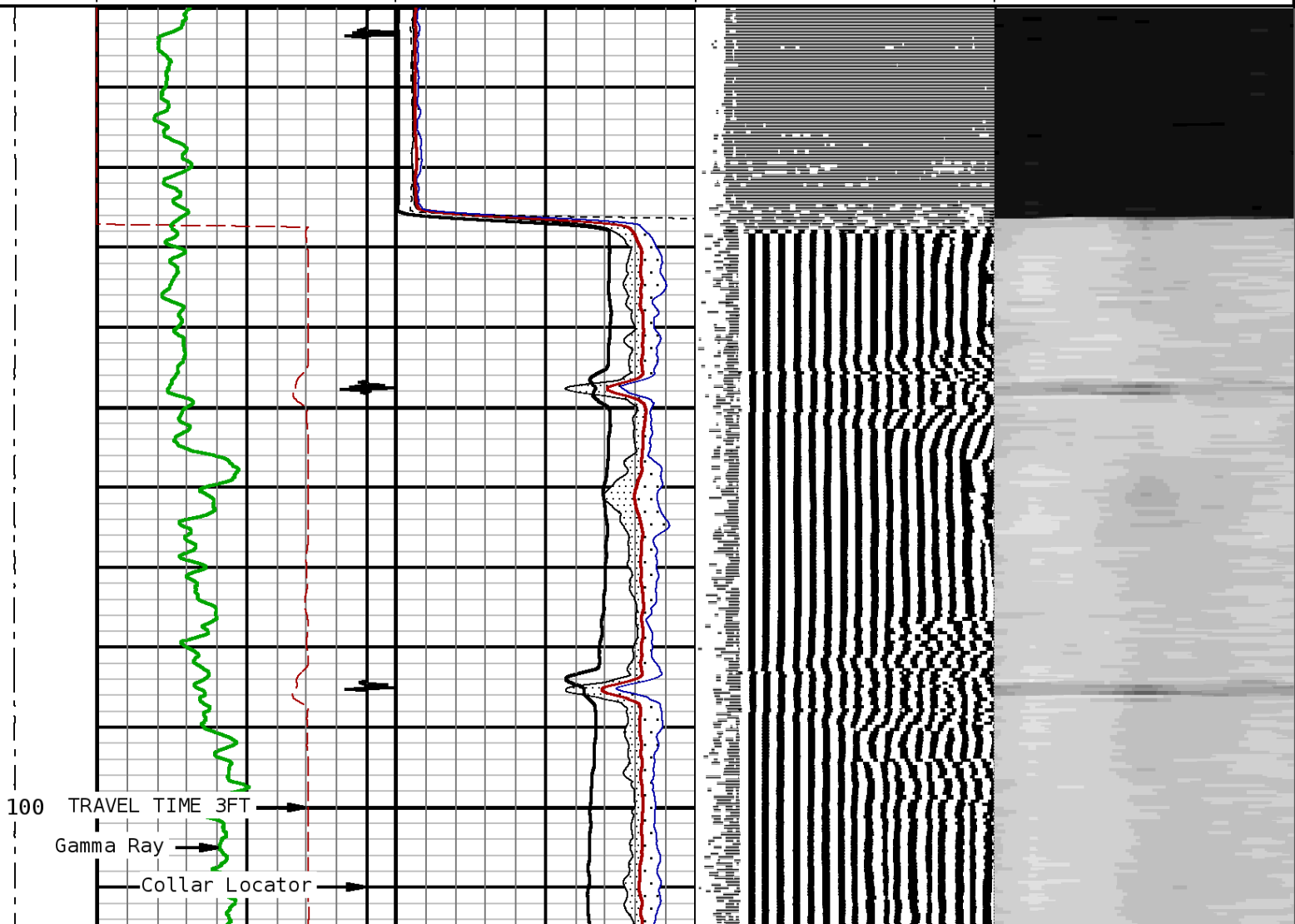
PROCESSED VERSION: 2012.07.18.162"

## MAIN PASS

81062367 SBTMAINF

FINISH DEPTH: -0.6 Feet DIRECTION: UP DATE: 03/03/2014 TIME: 15:48 MODE: ORIGINAL

		AMP X 5			
		0 Millivolts 20			
		AMPLITUDE 3FT			
		0 Millivolts 100			
Collar Locator		MAX ENERGY			
-8000 Millivolts 800		0 Millivolts 100			
Gamma Ray		AVG ENERGY			
0 API 150		0 Millivolts 100			
Tension	TRAVEL TIME 3FT	MIN ENERGY		VARIABLE DENSITY 5FT	VARIABLE ENERGY
0 2000	330 Microseconds 230	0 Millivolts 100		200 Microseconds 1200	0 Millivolts 100

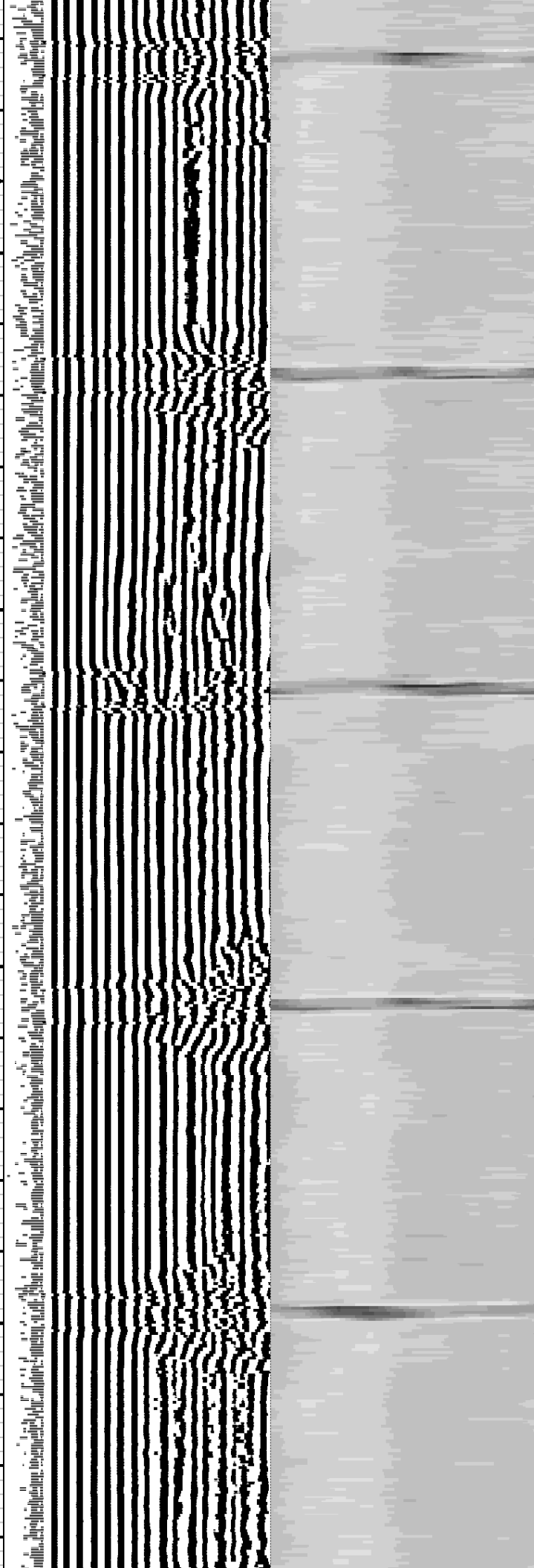


Tension

200

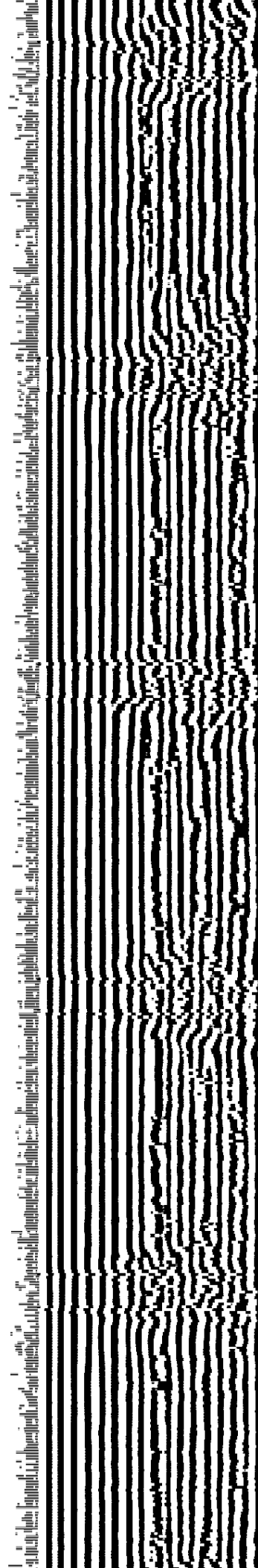
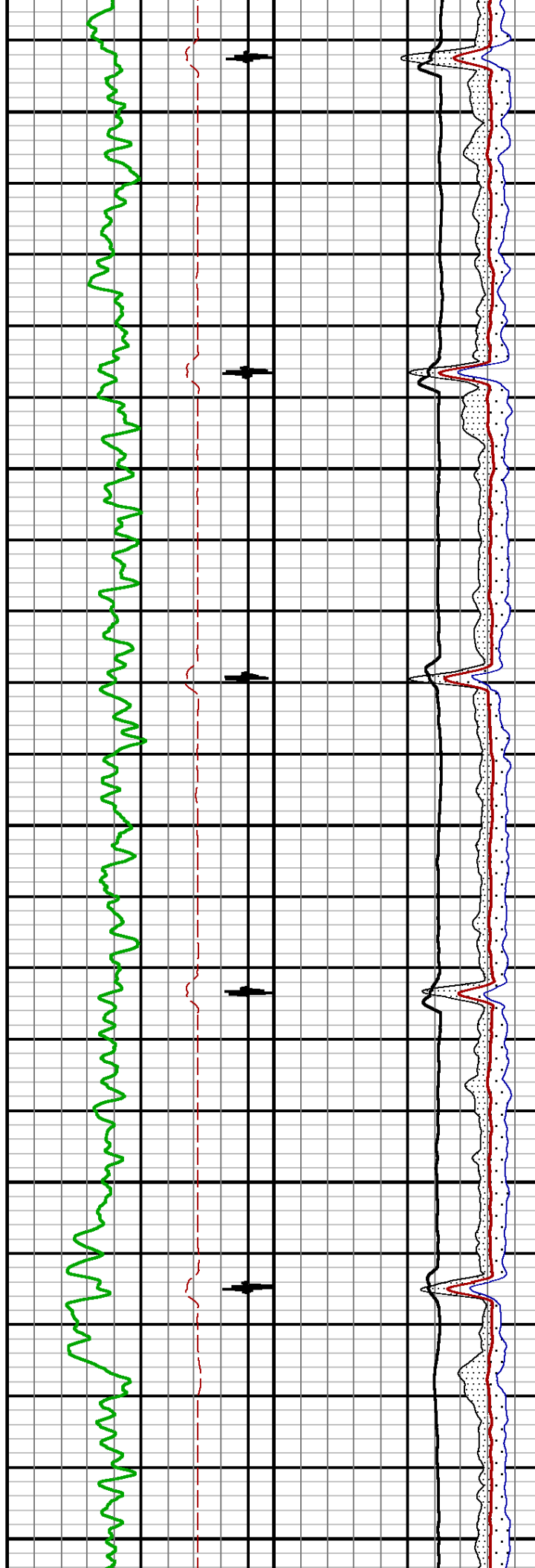
300

MIN ENERGY  
AVG ENERGY  
MAX ENERGY  
AMPLITUDE 3FT  
AMPLITUDE 3FT



400

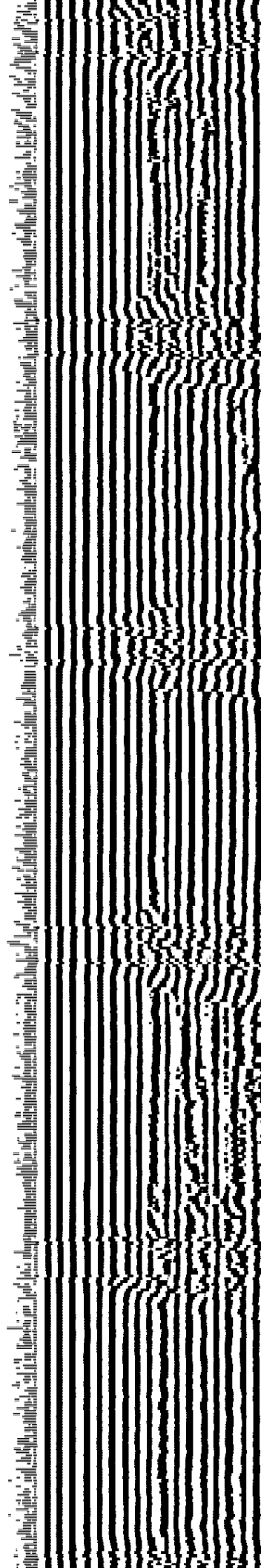
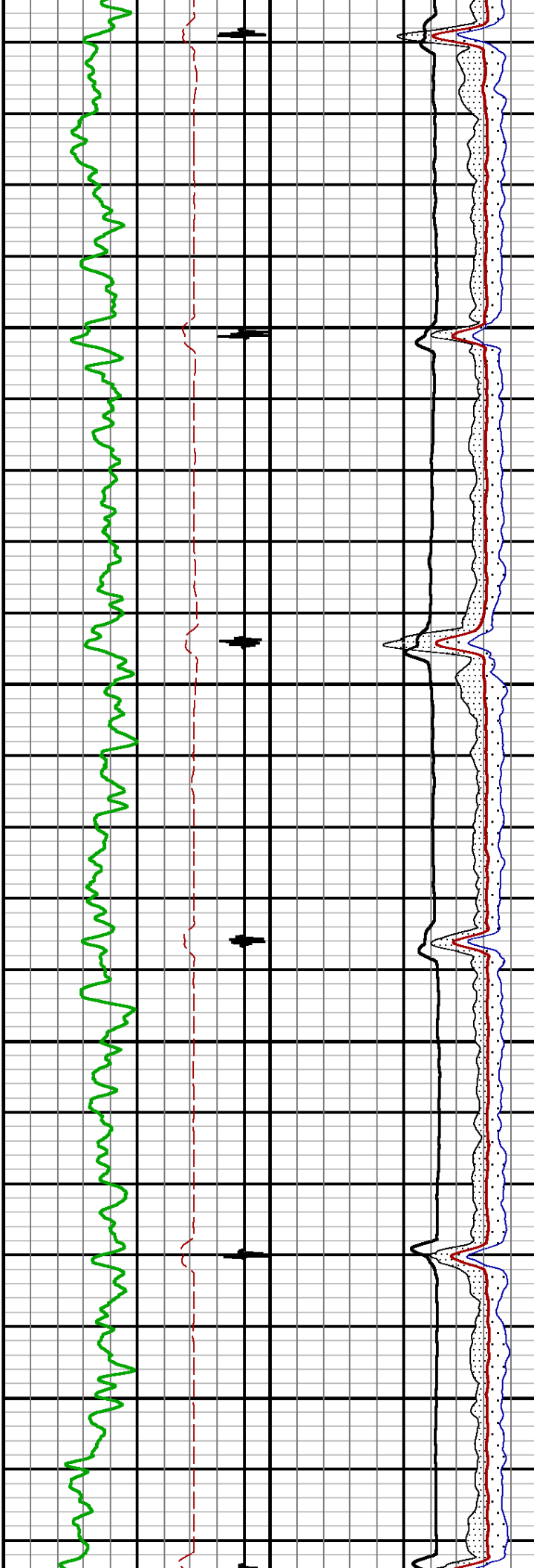
500





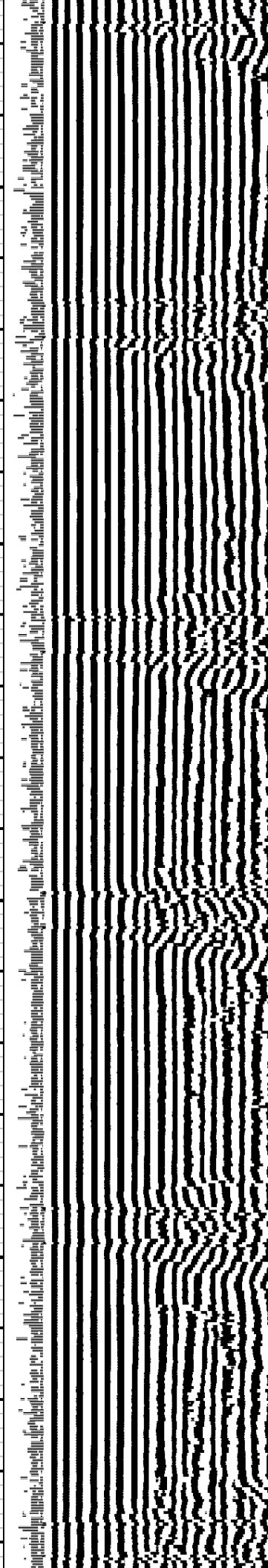
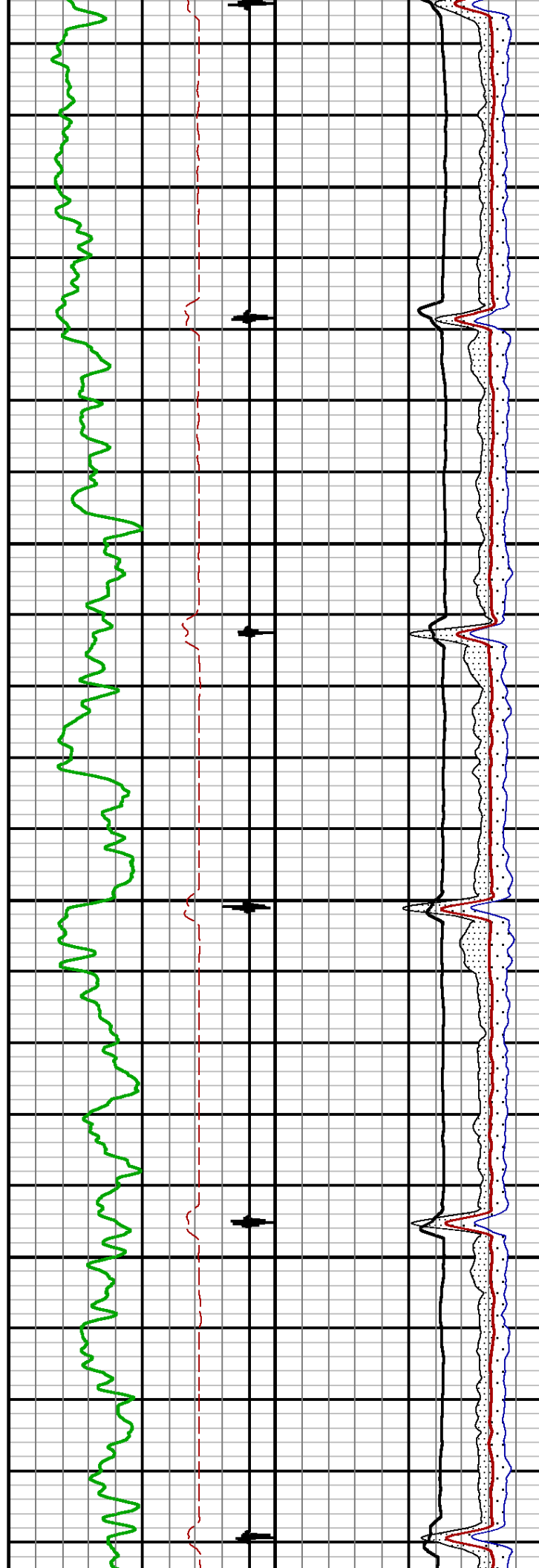
600

700



800

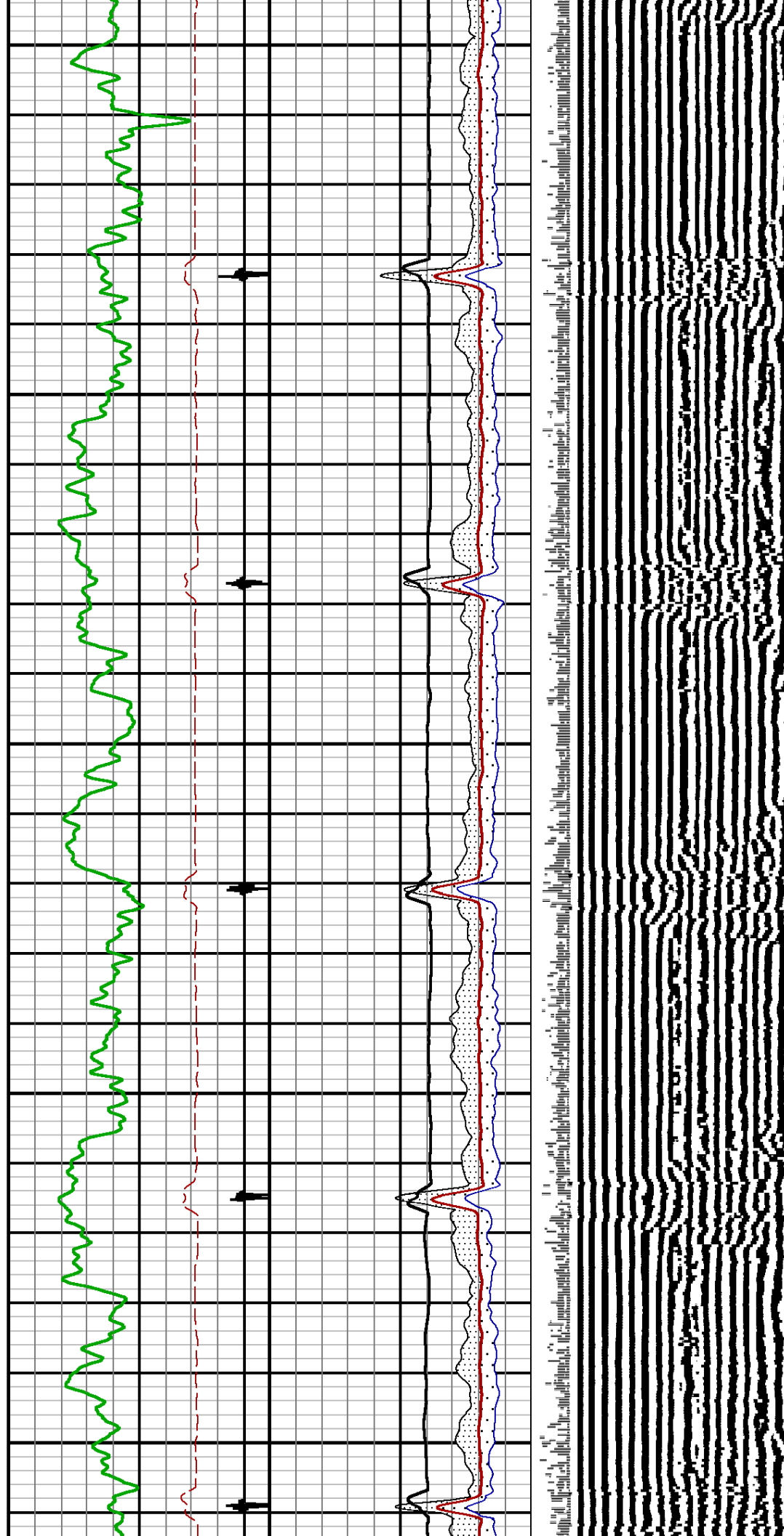
900



1000

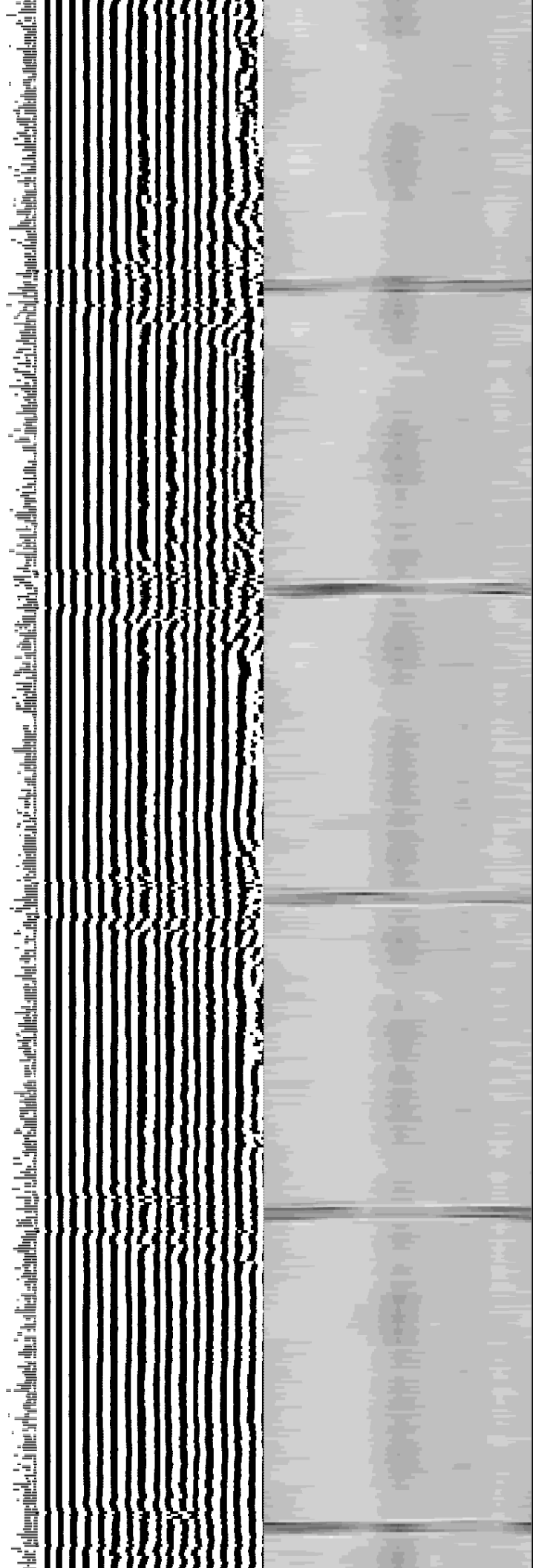
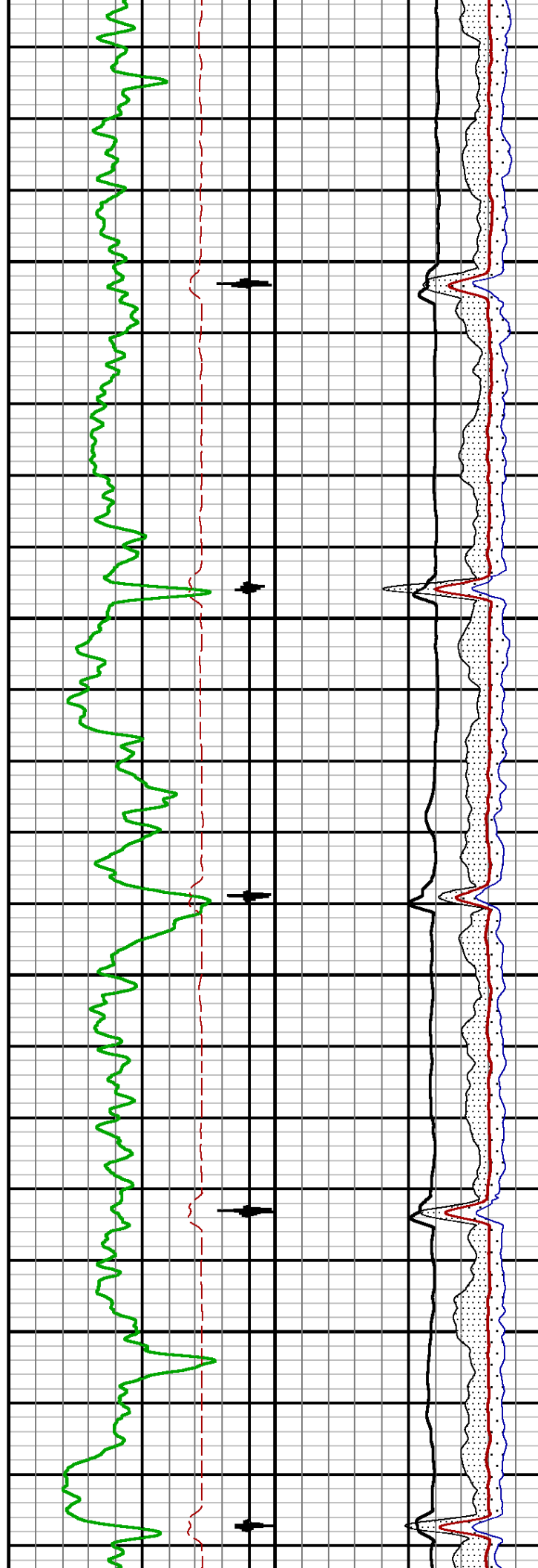
1100

1200



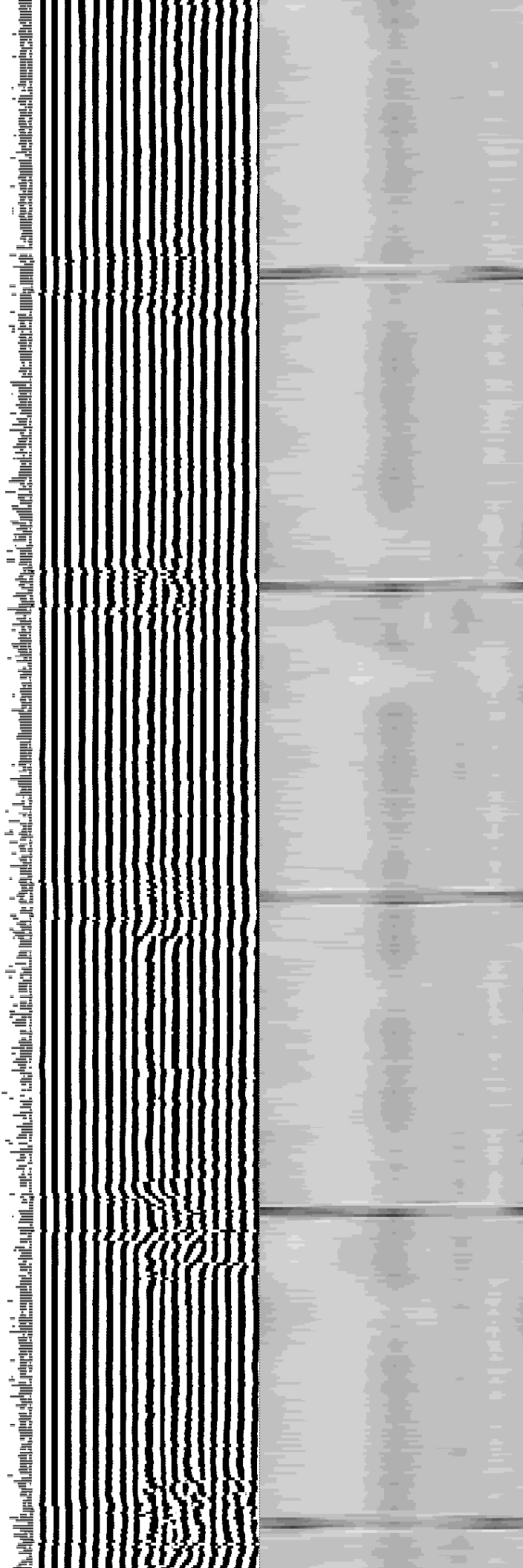
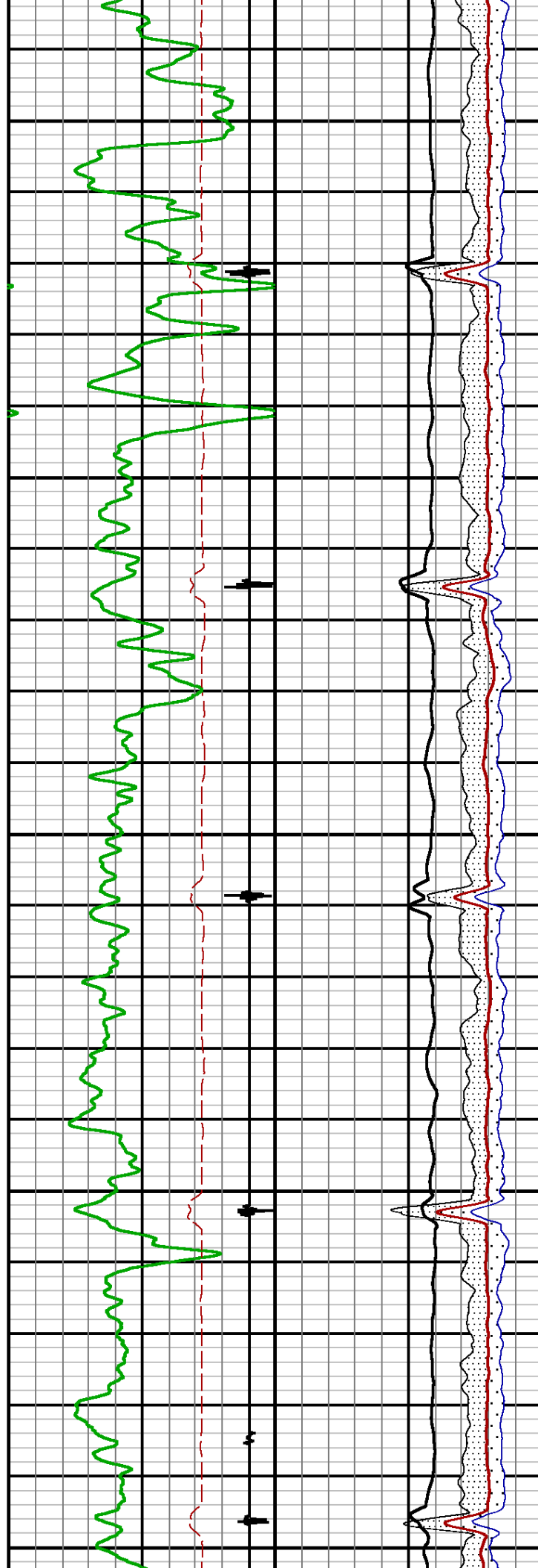
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1400



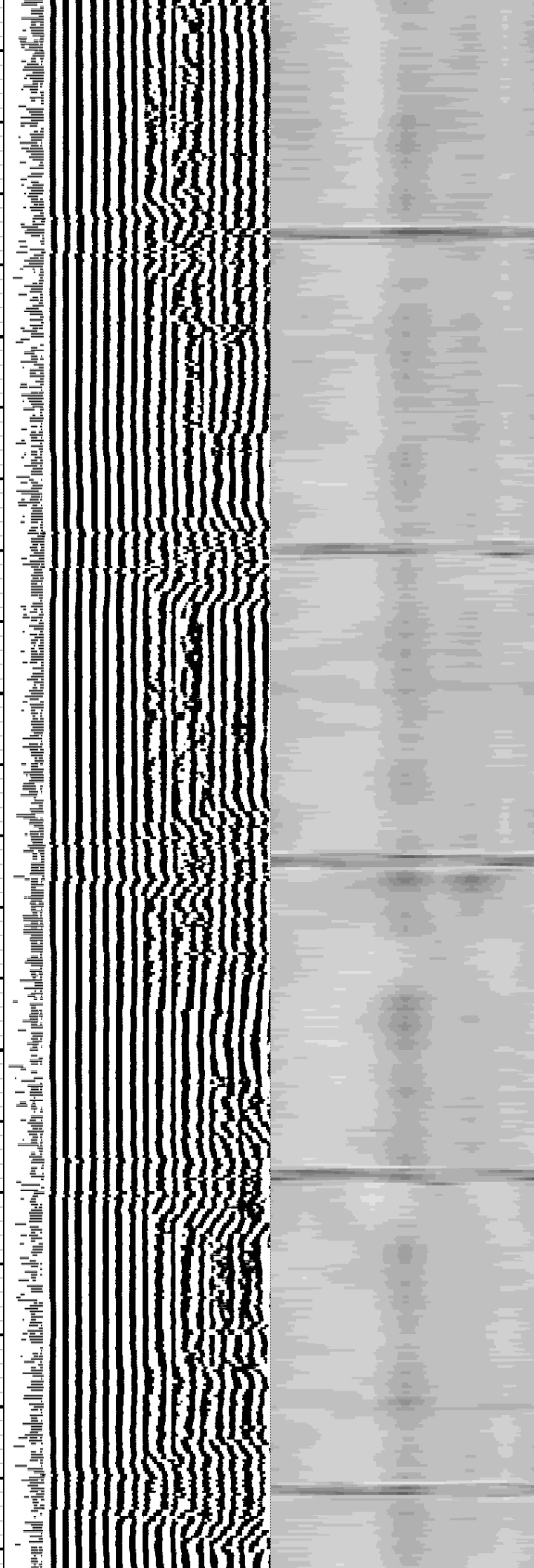
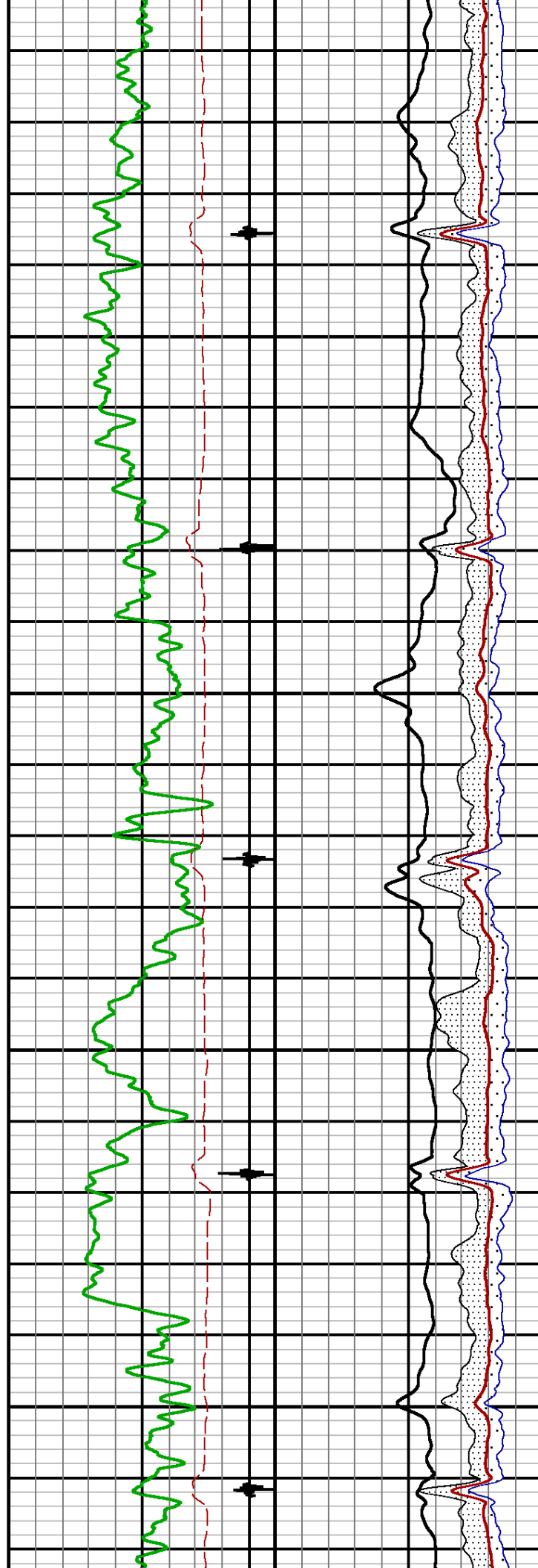
1500

1600



1700

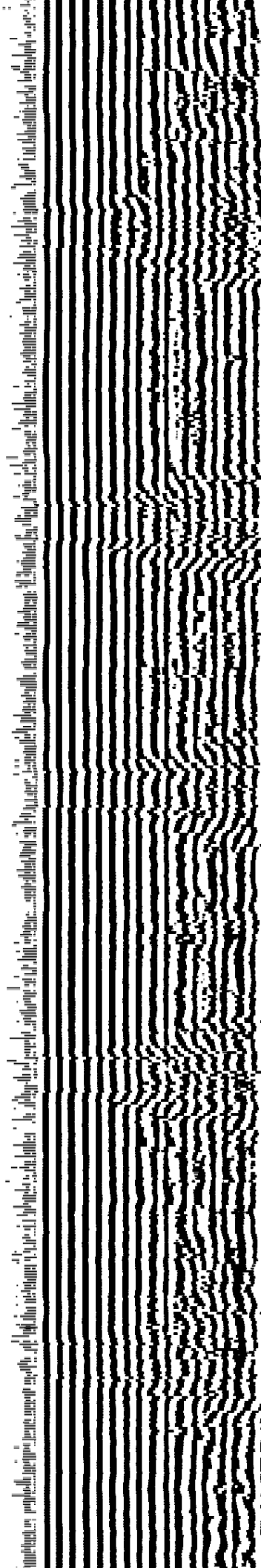
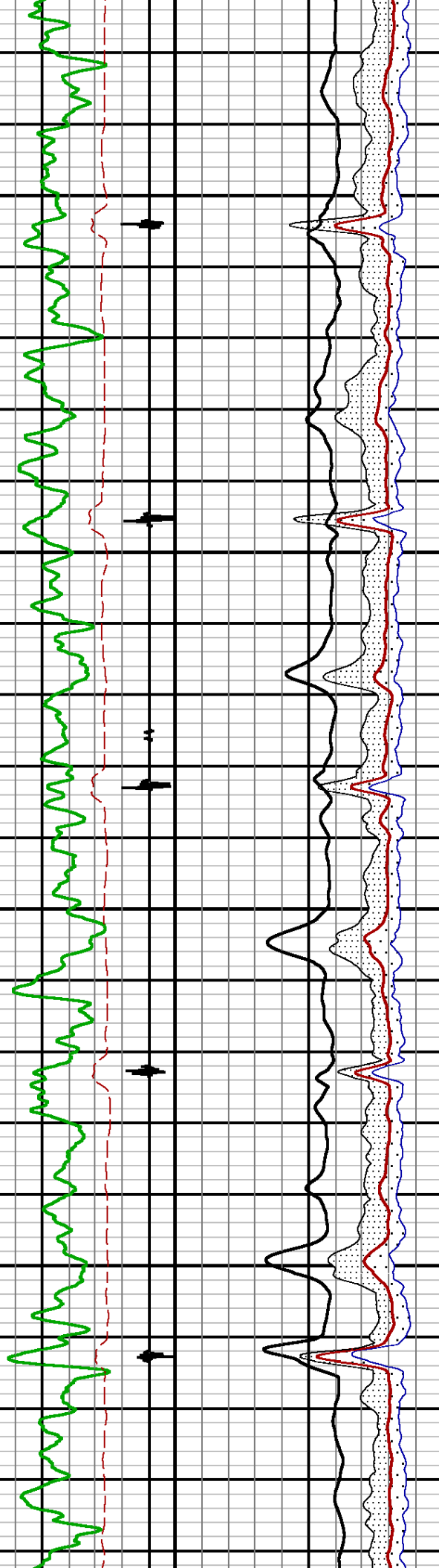
1800





1900

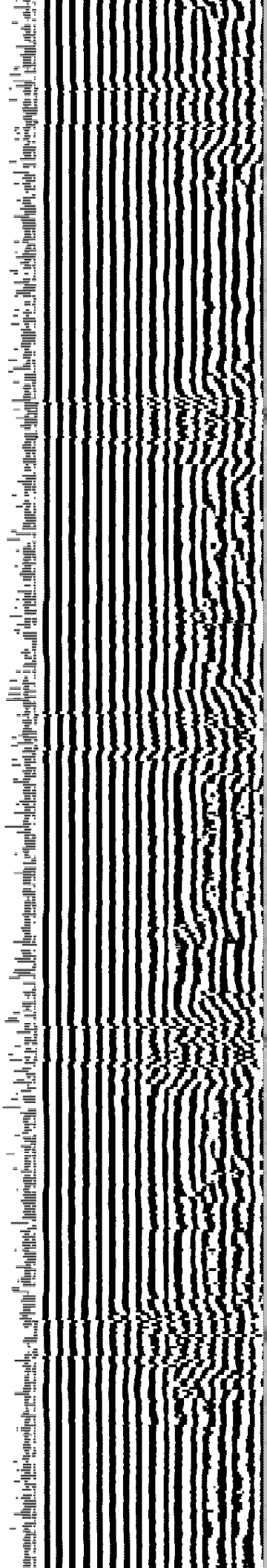
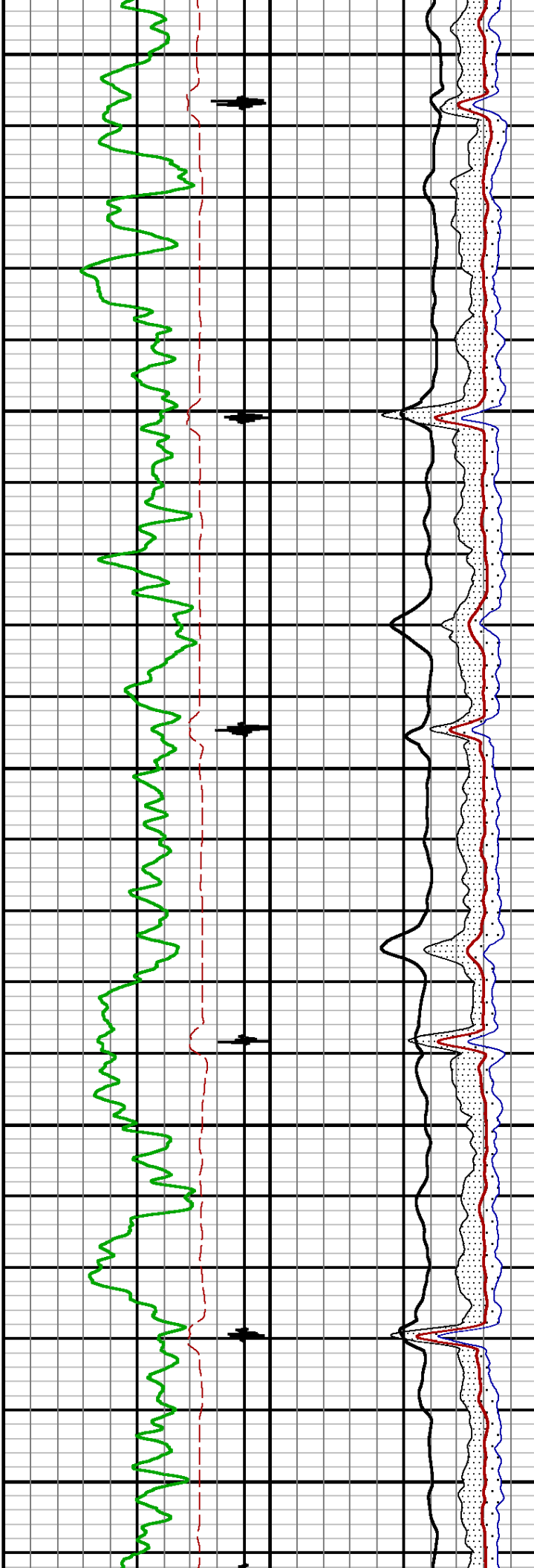
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2100

2200

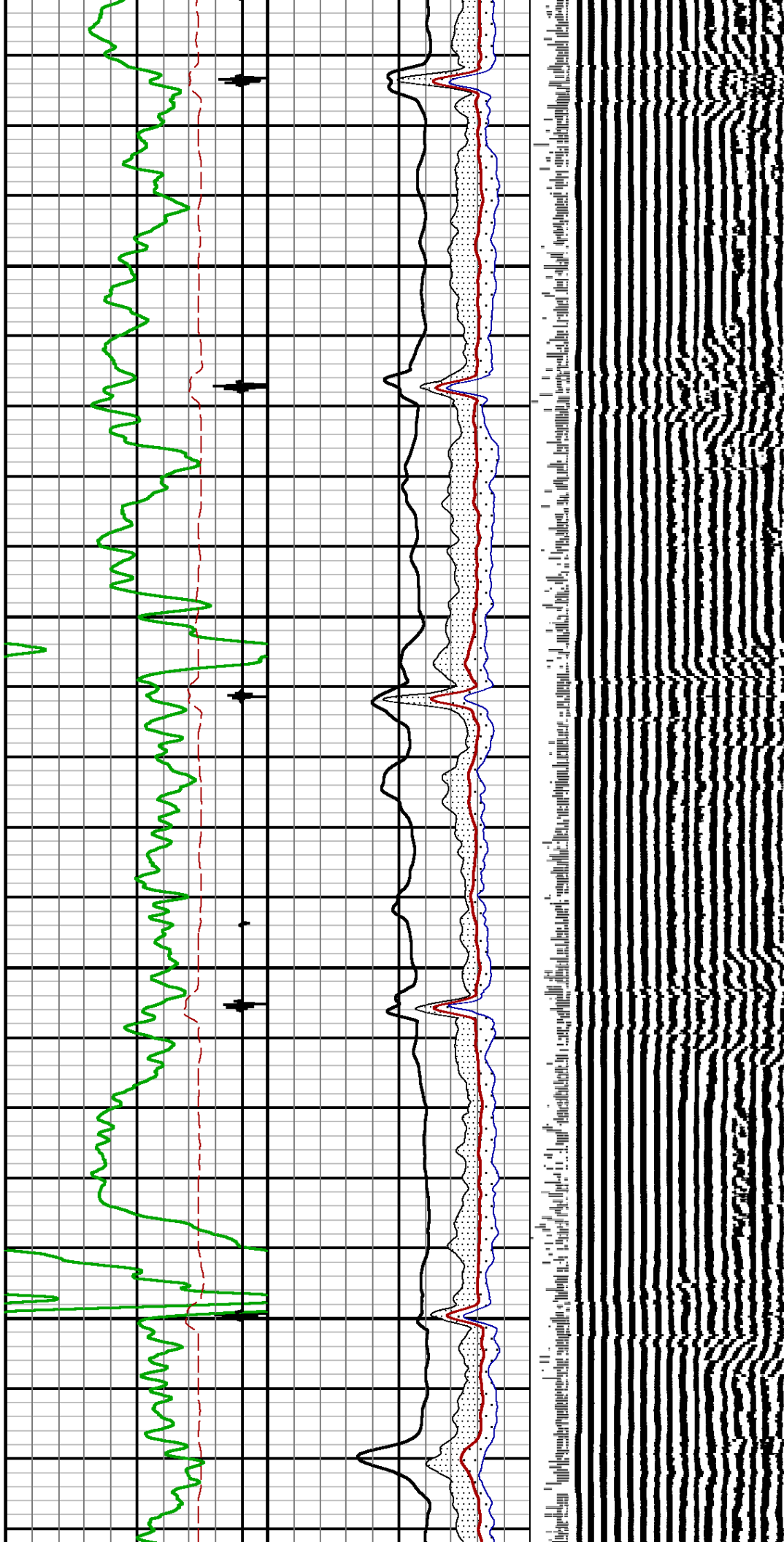
2300





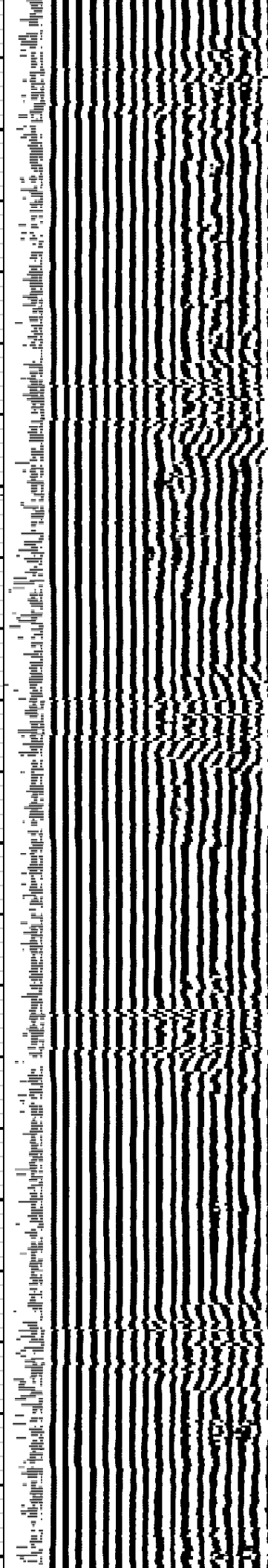
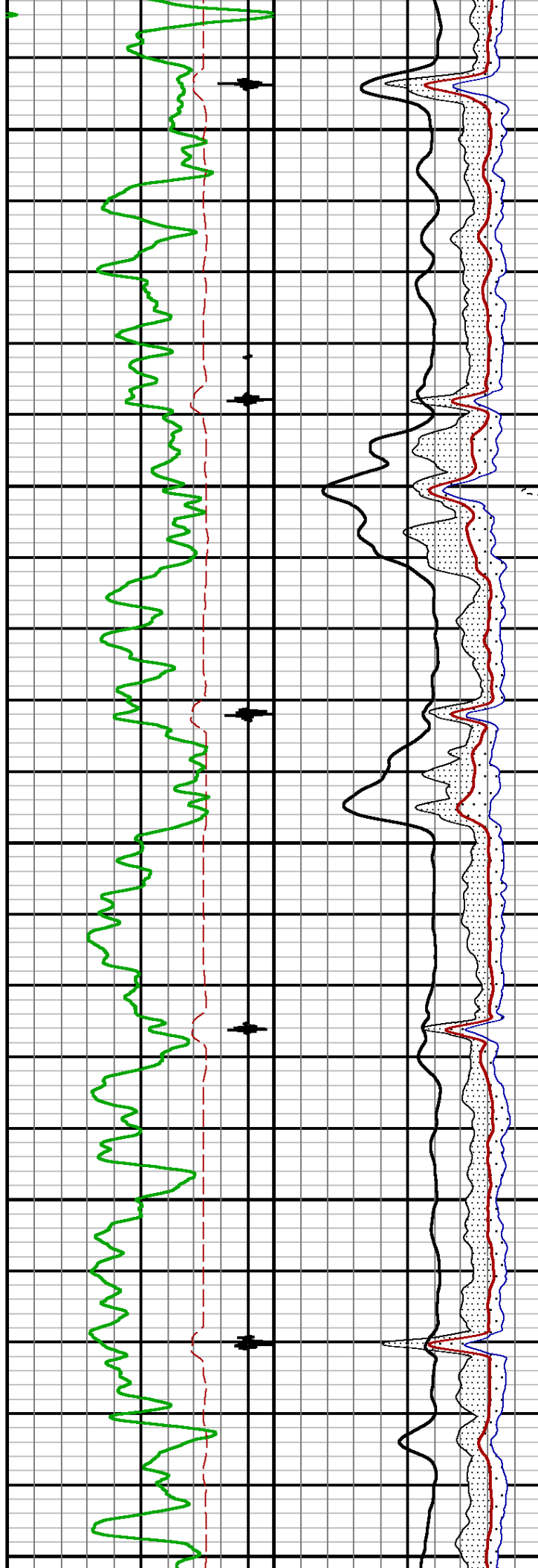
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2500



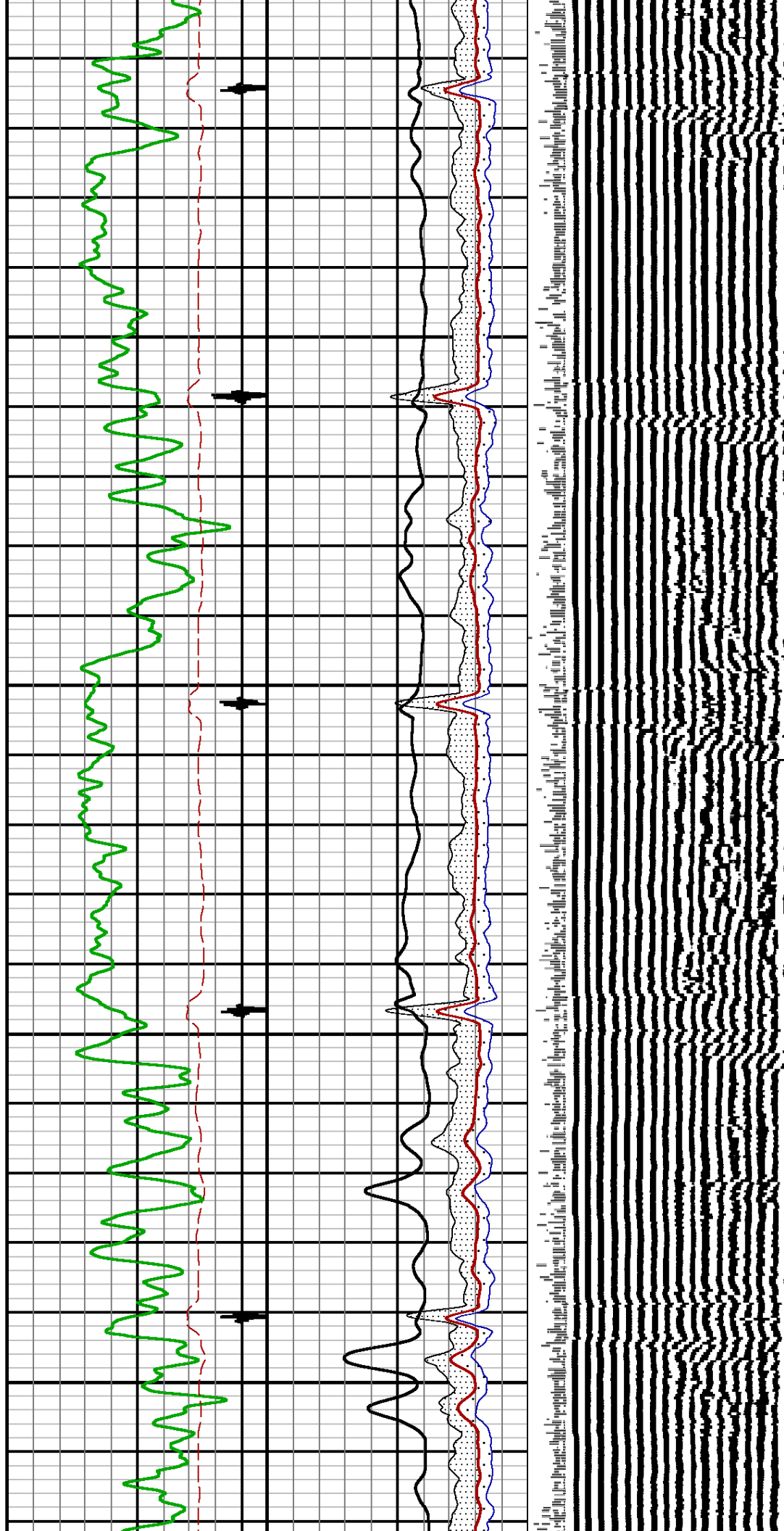
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2700



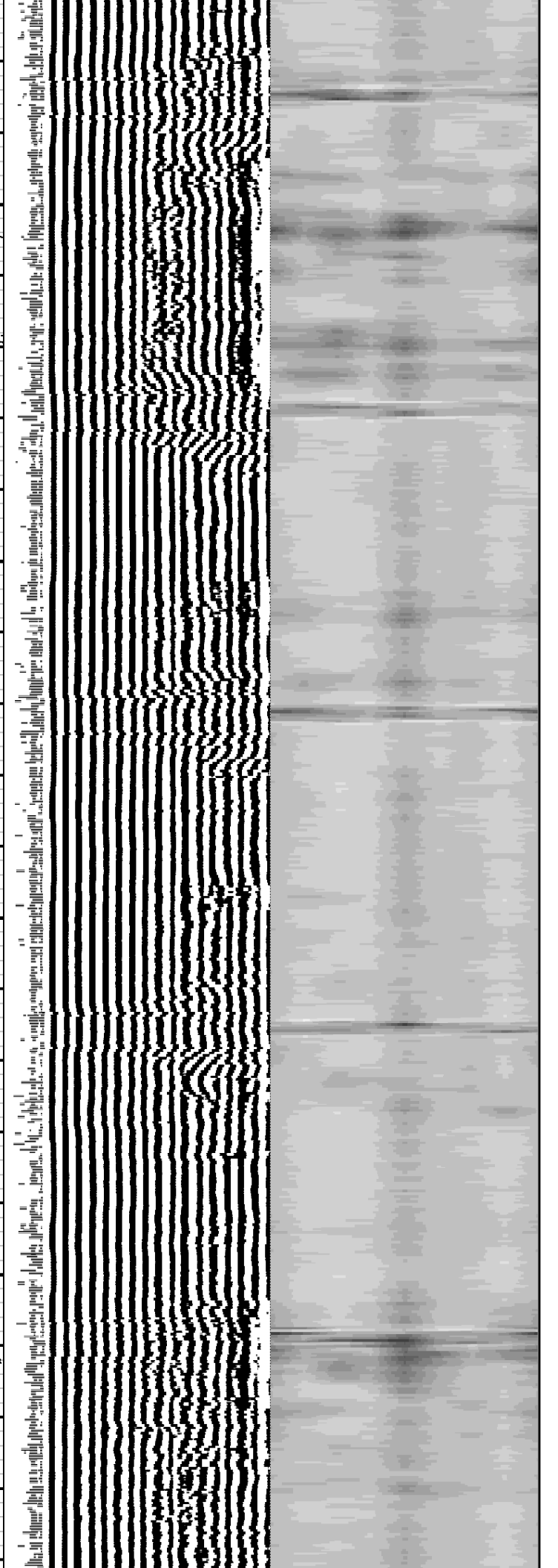
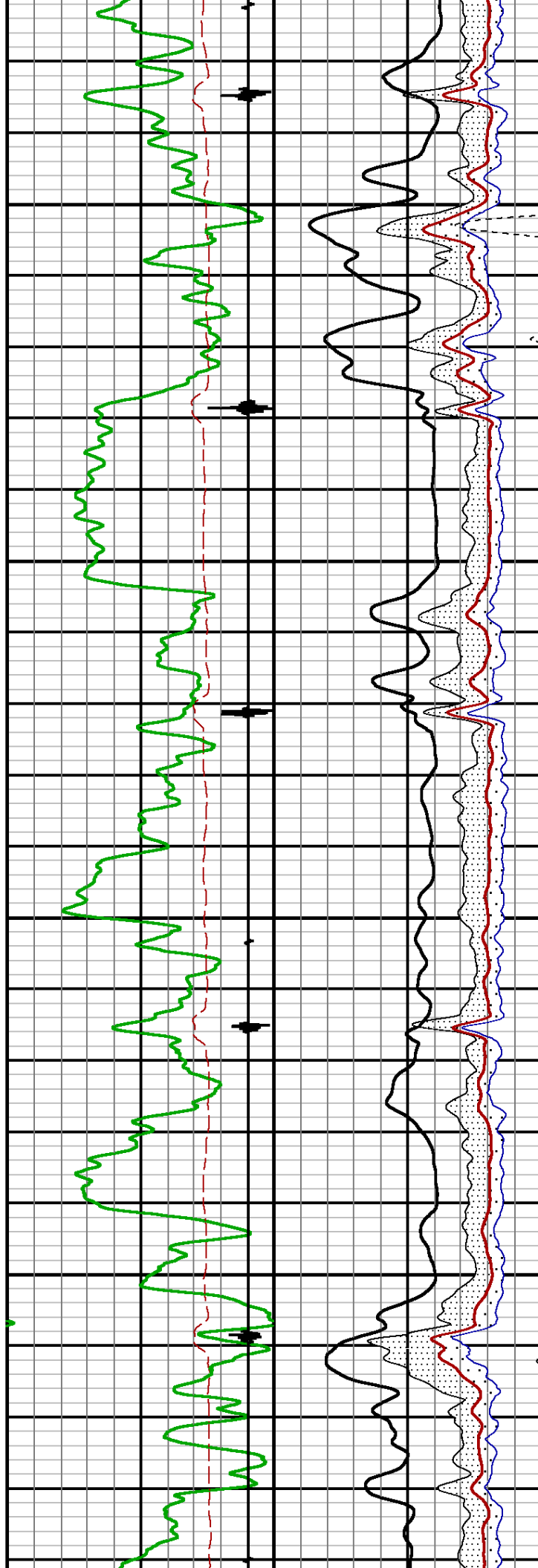
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2900



3000

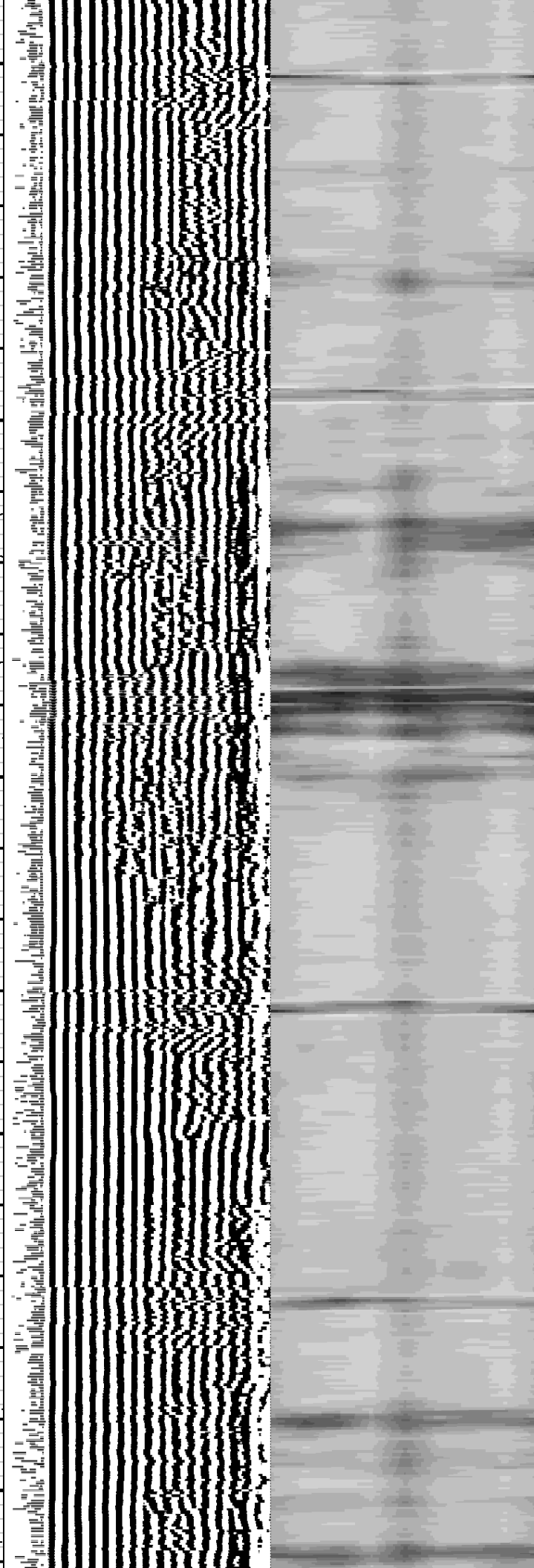
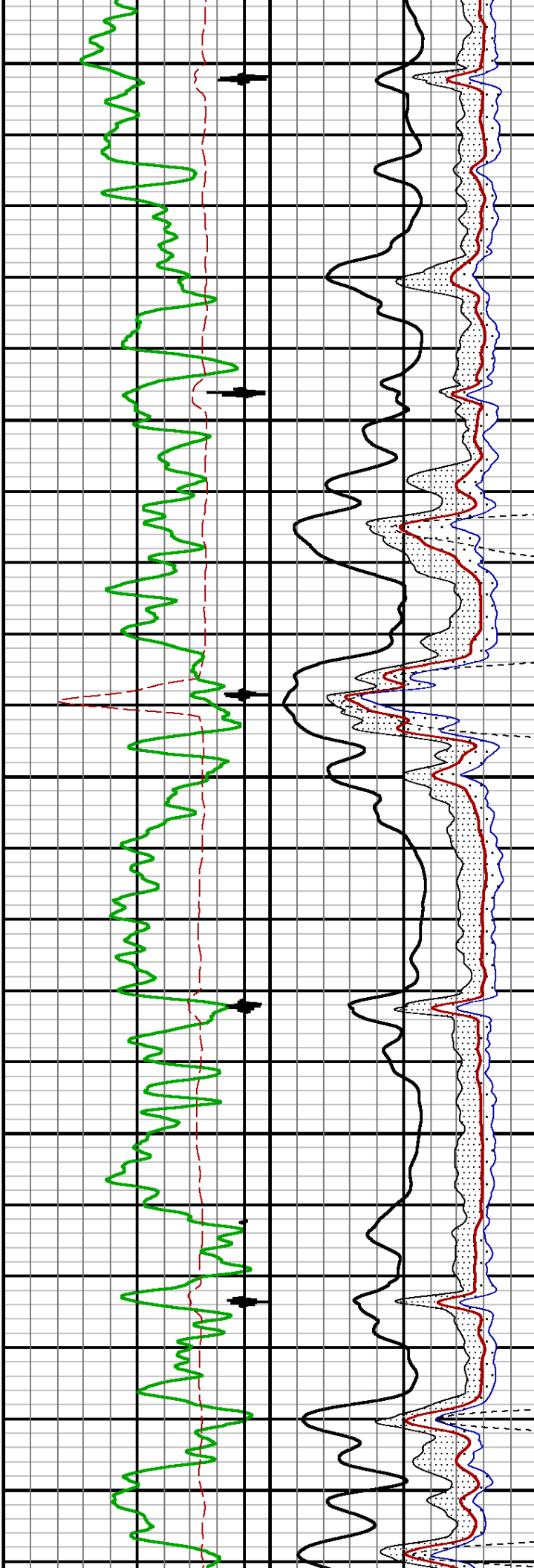
3100



3200

3300

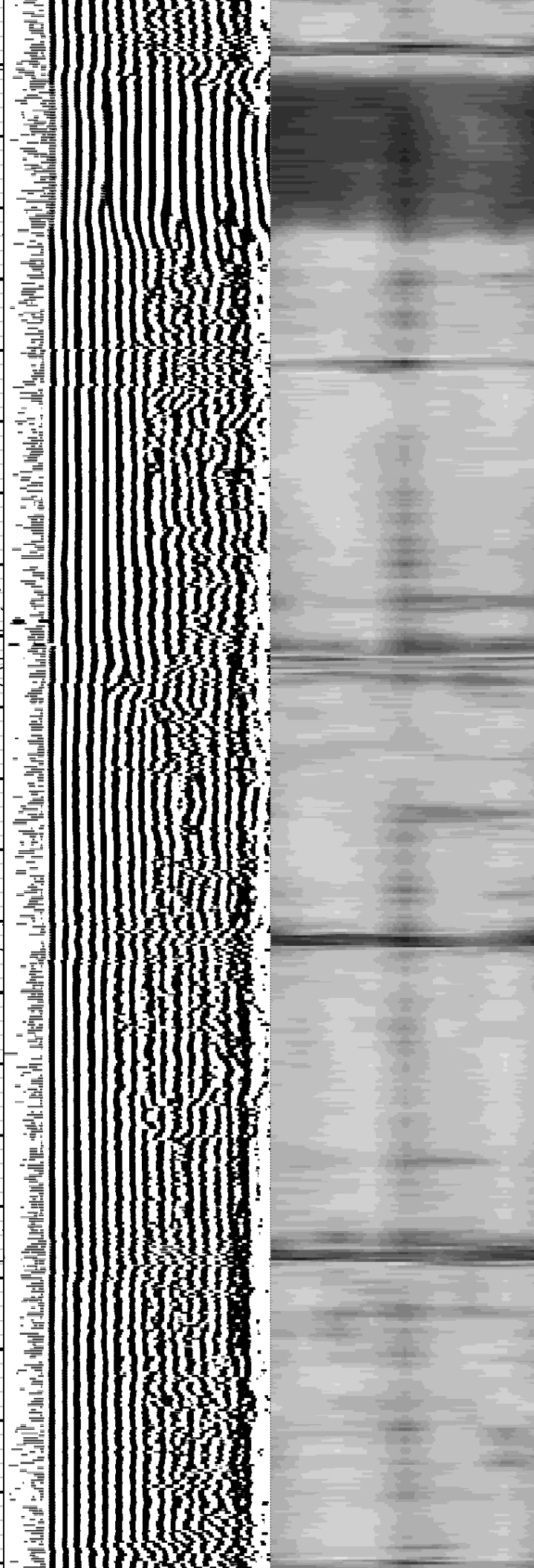
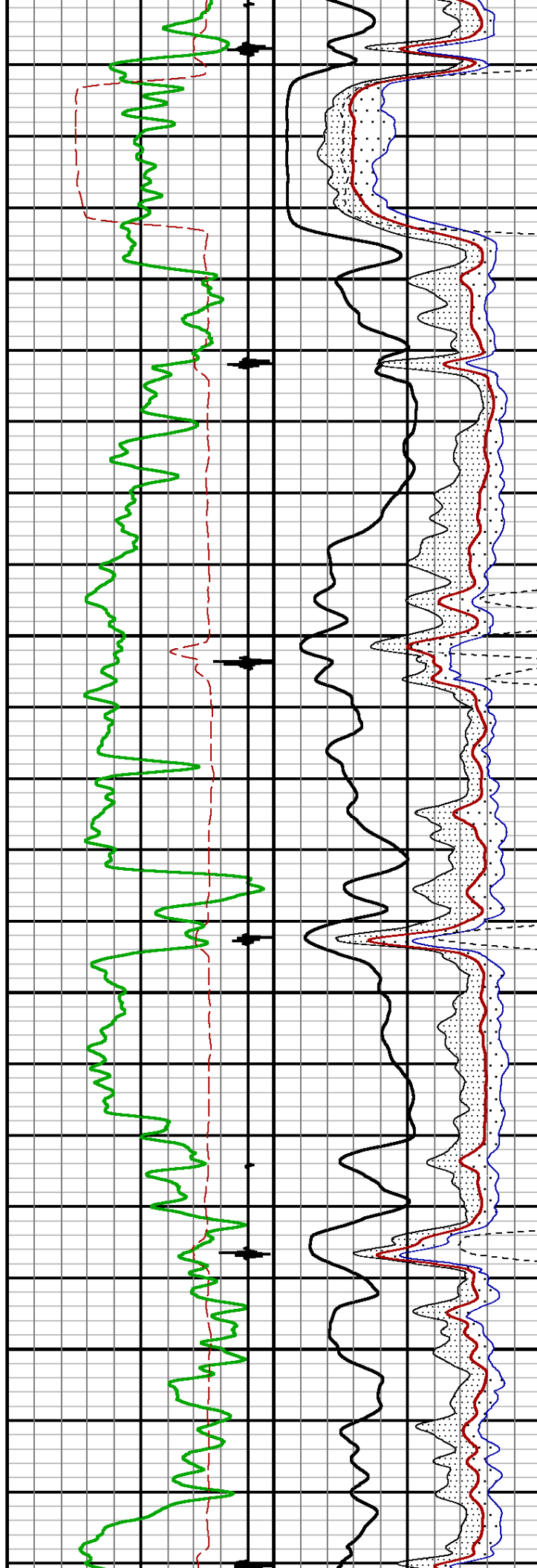
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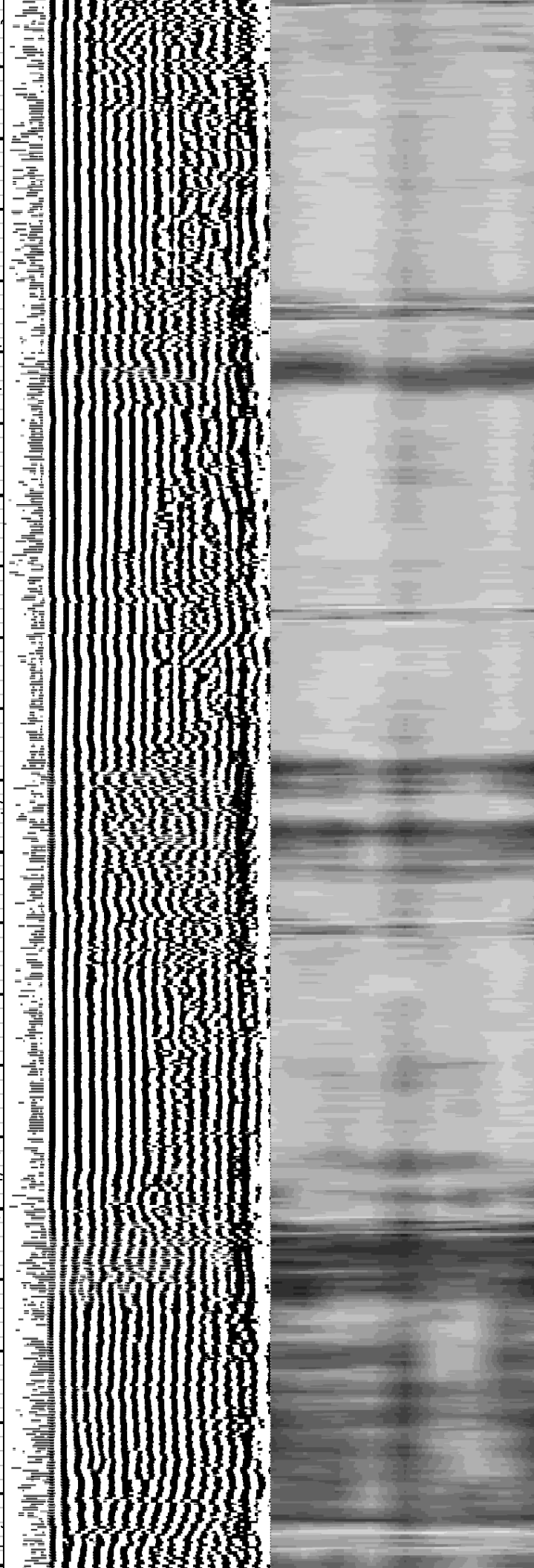
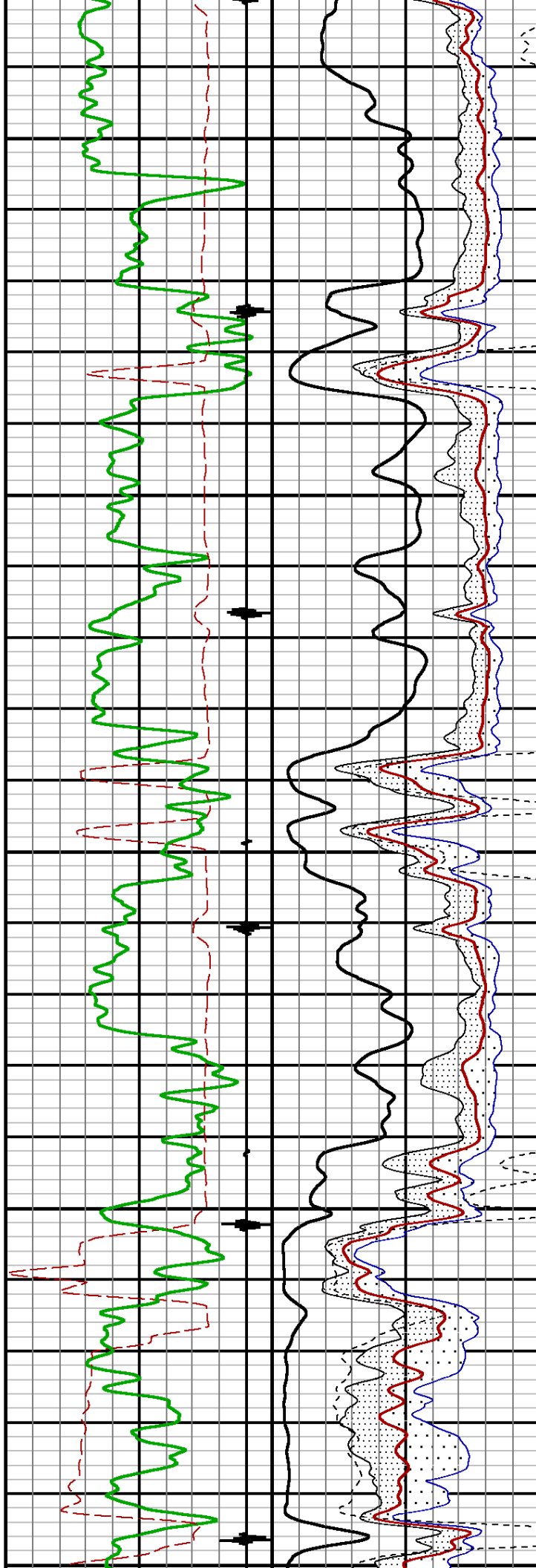
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3600



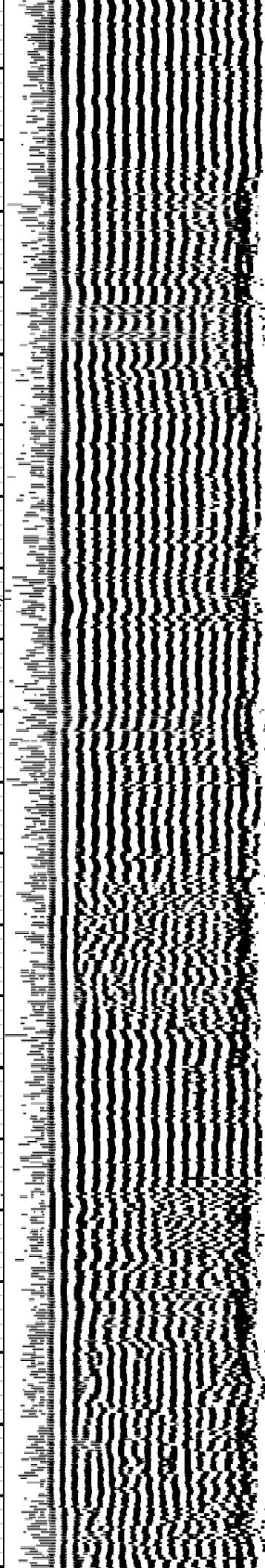
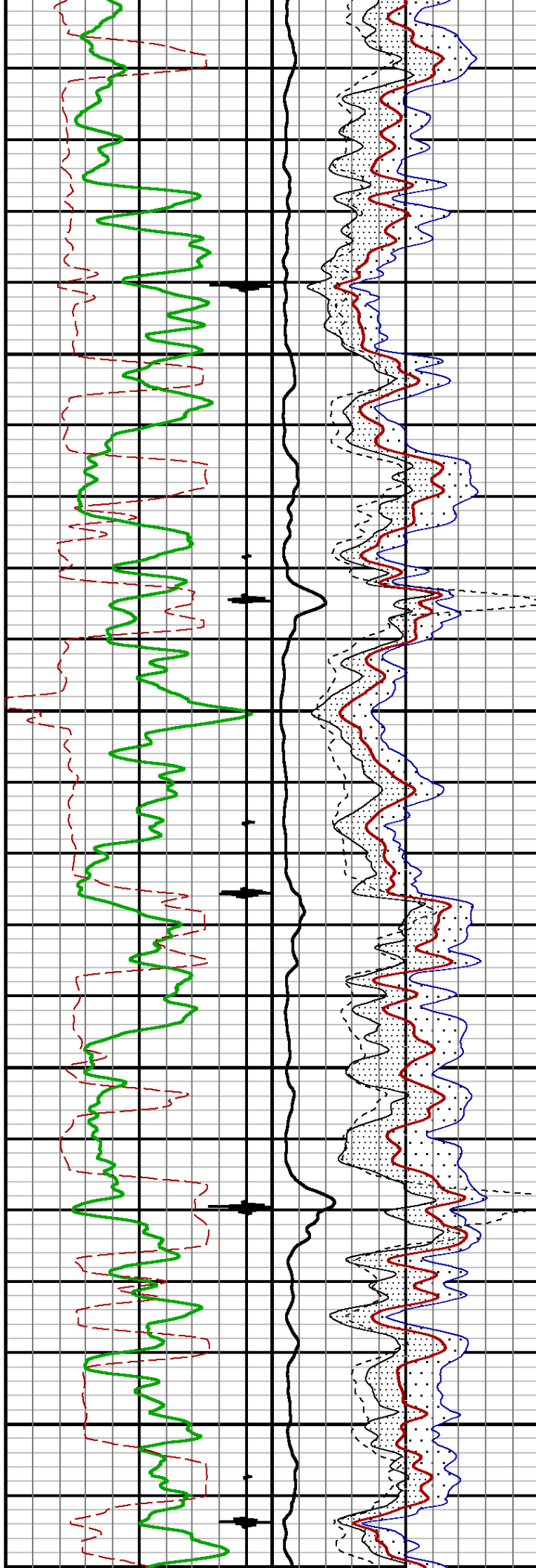
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3800



3900

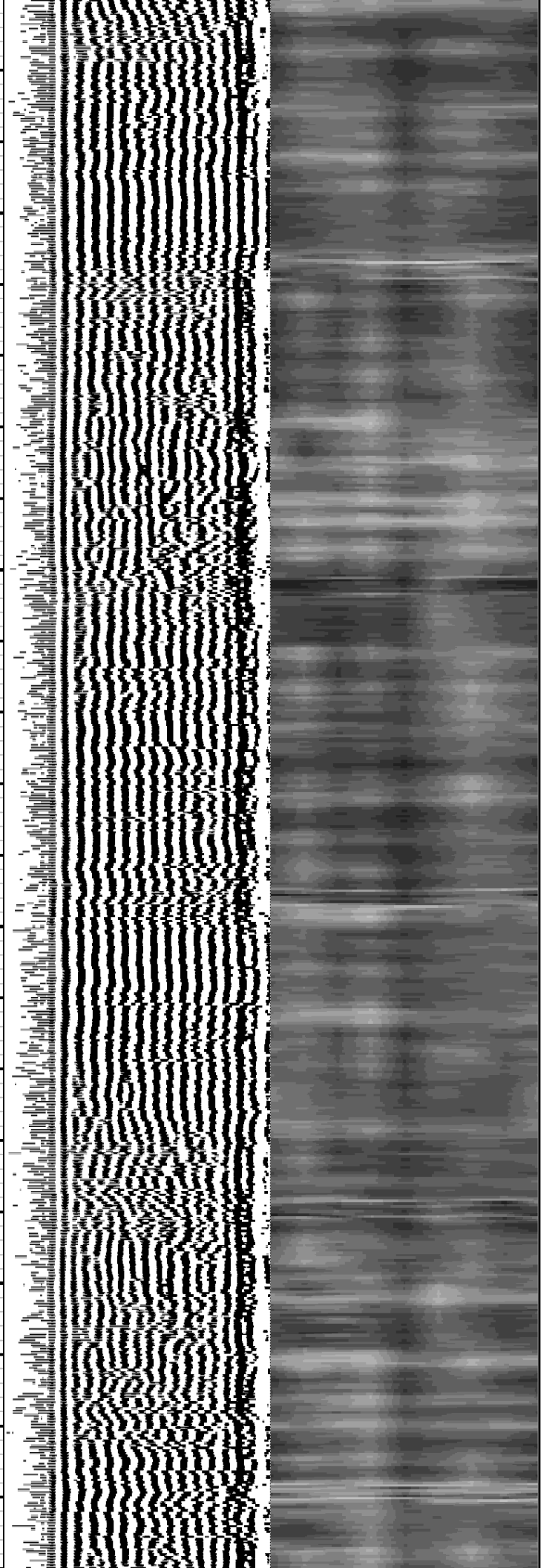
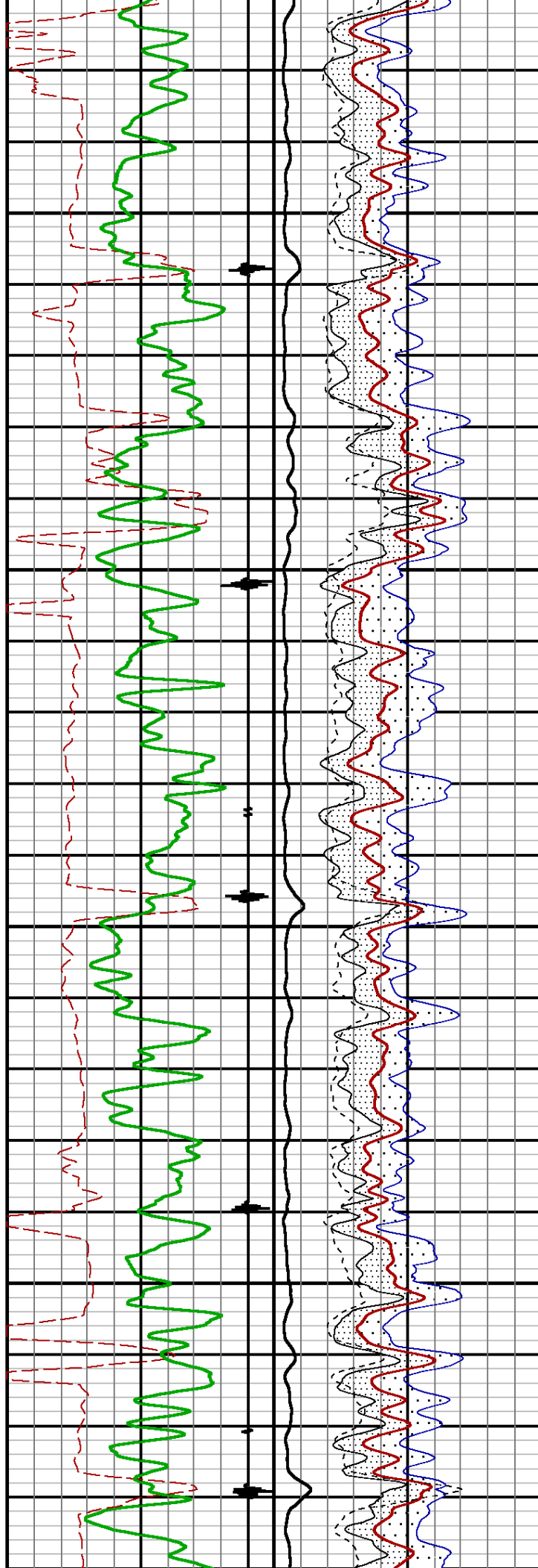
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4100

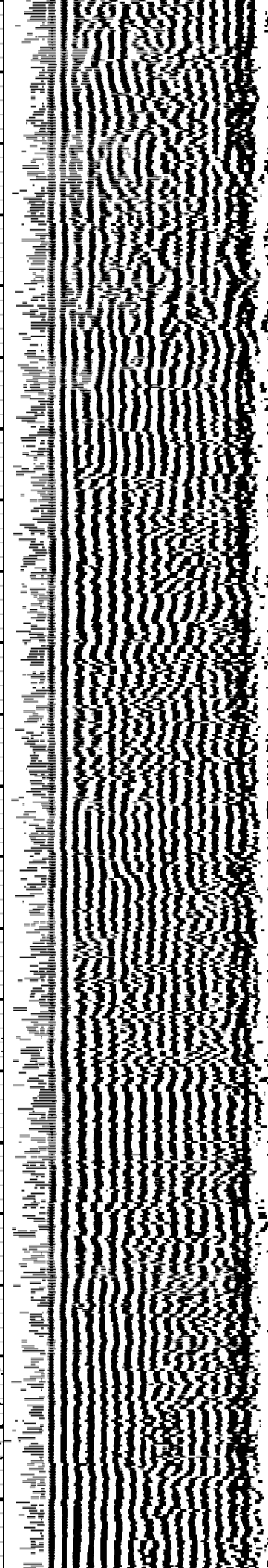
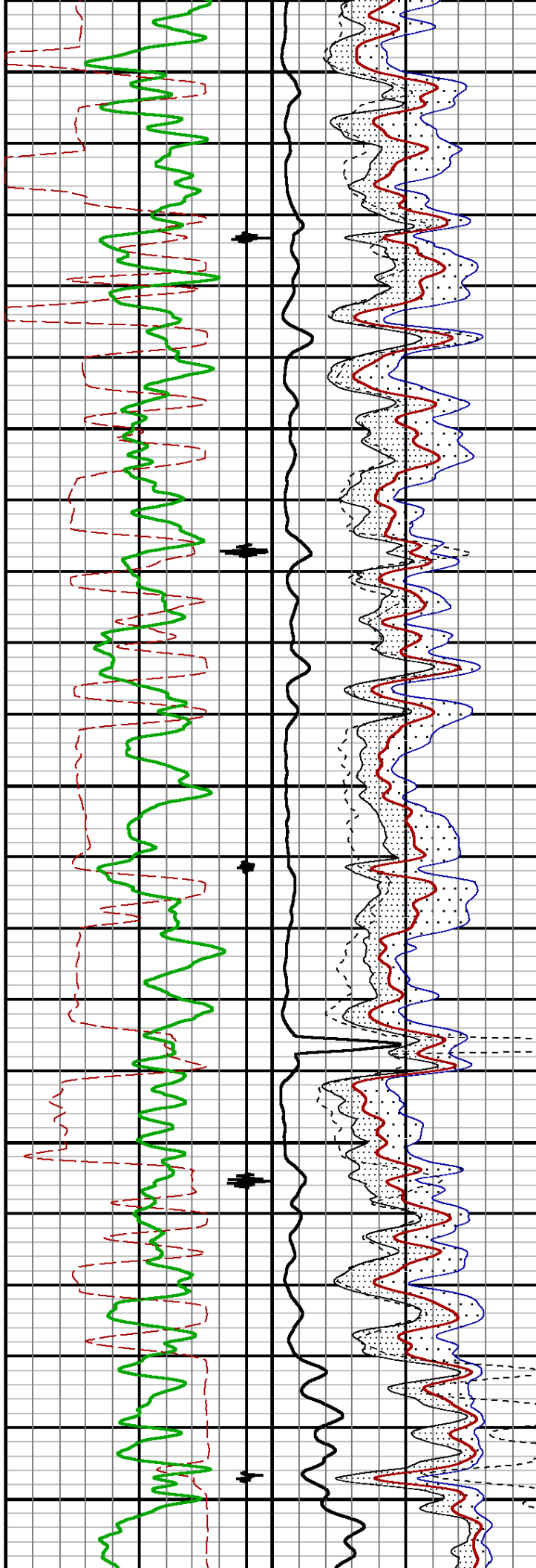
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4300

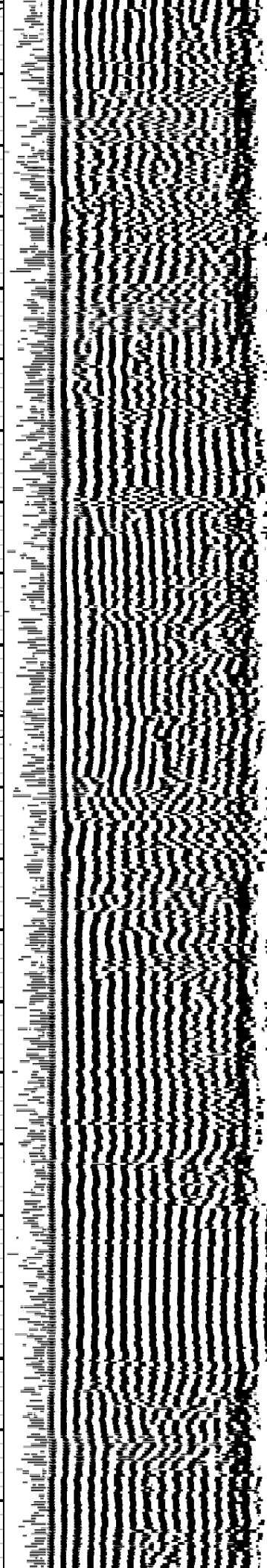
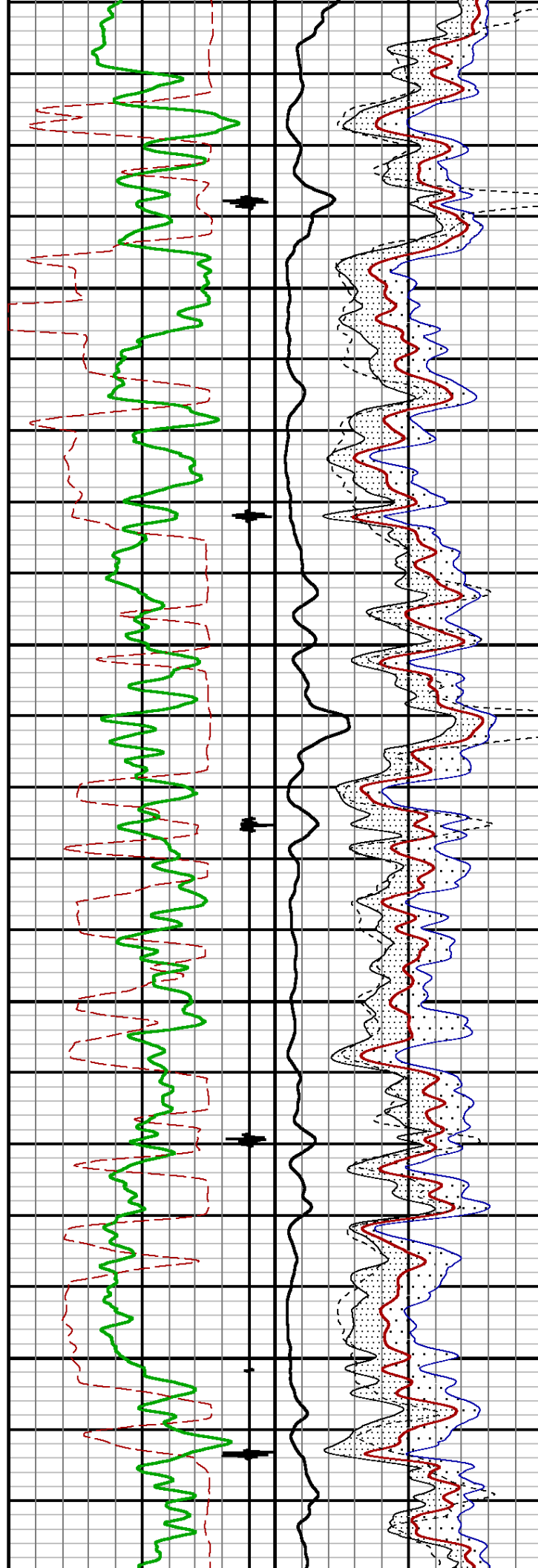
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4500



4600

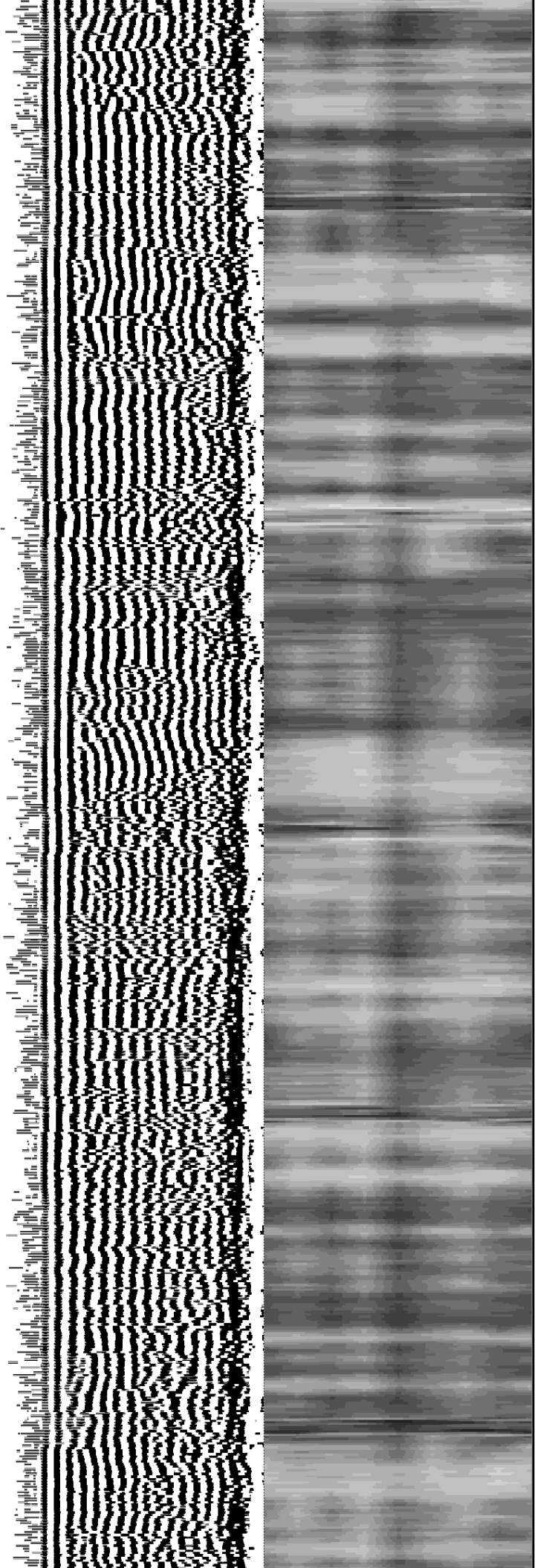
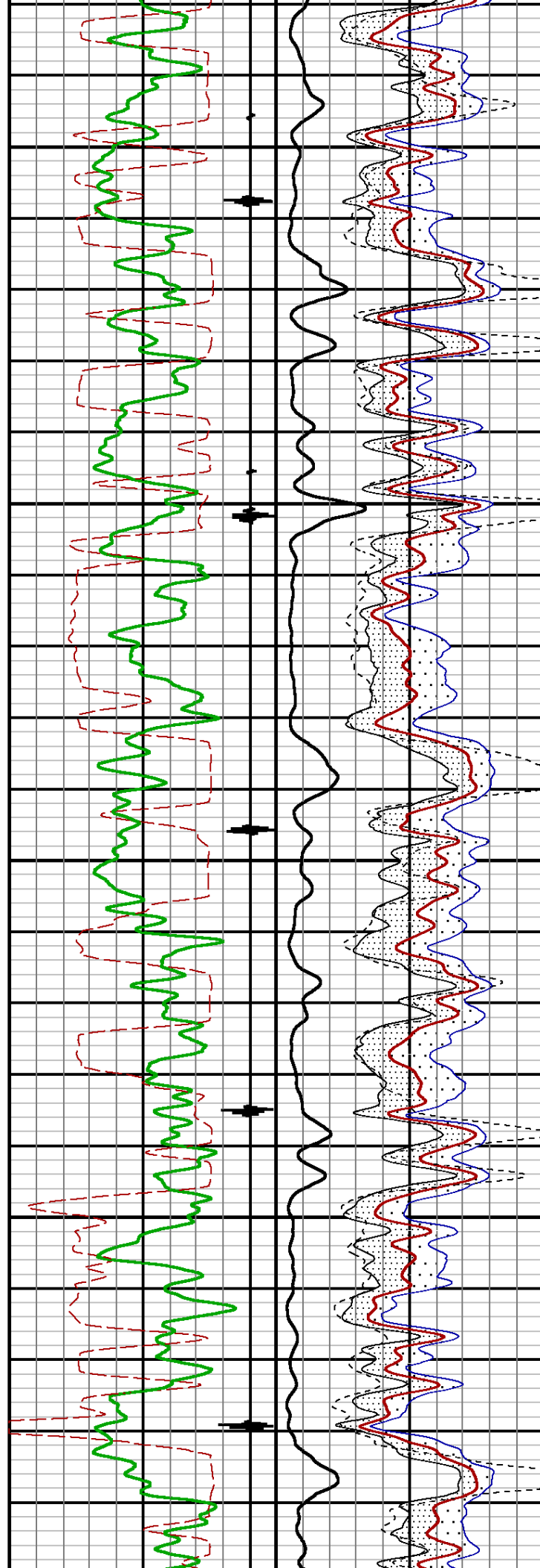
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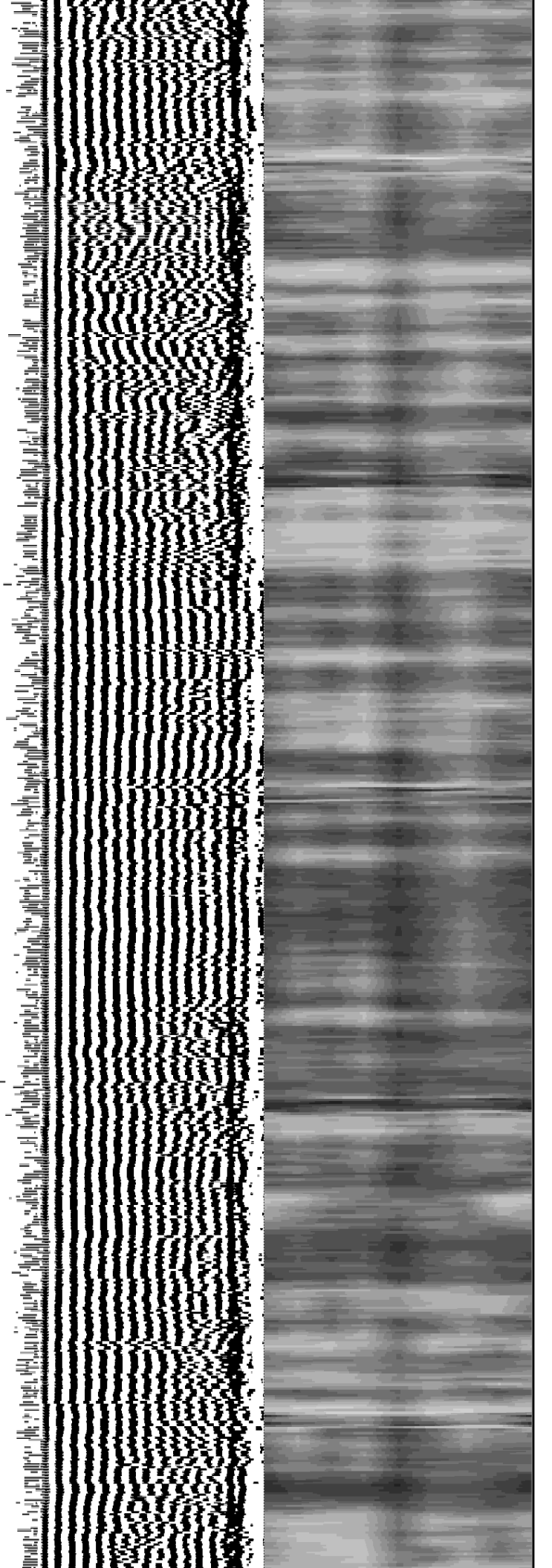
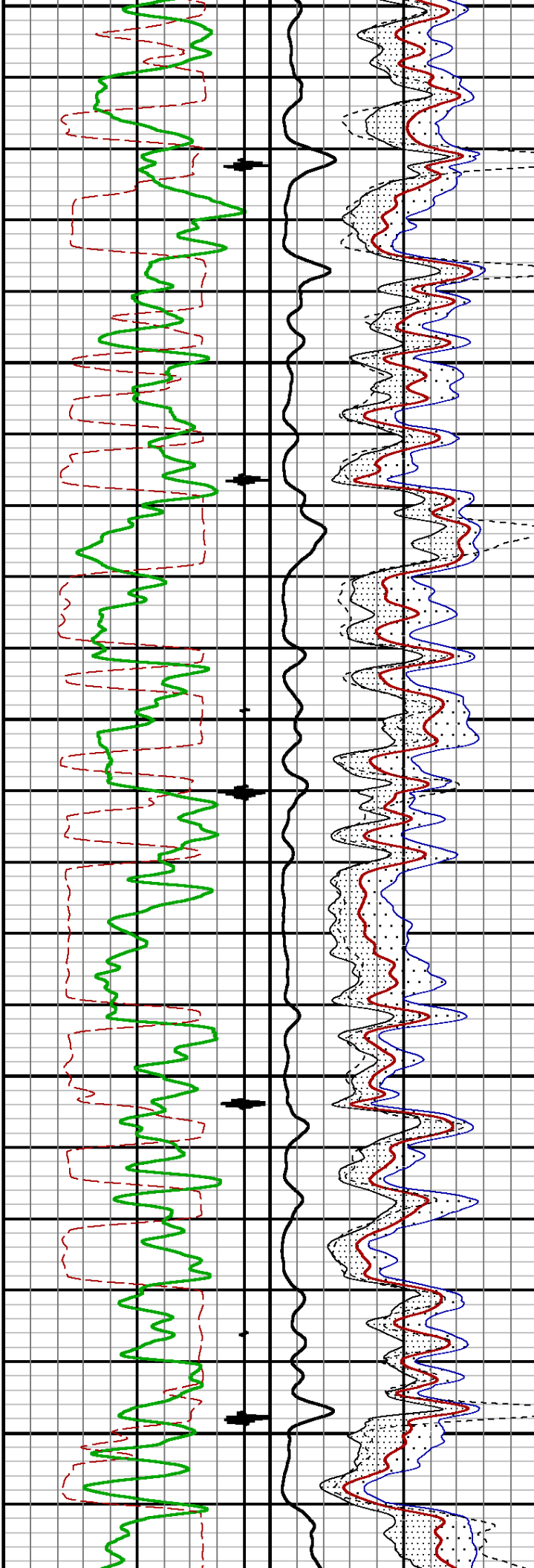
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4900



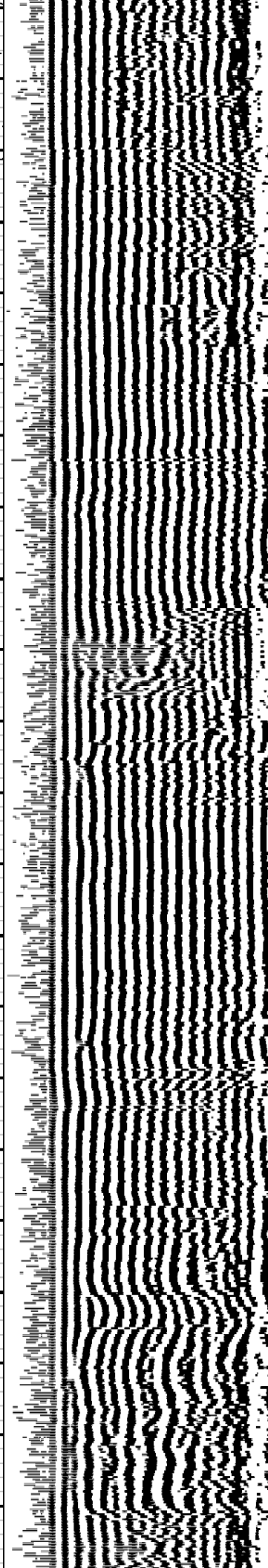
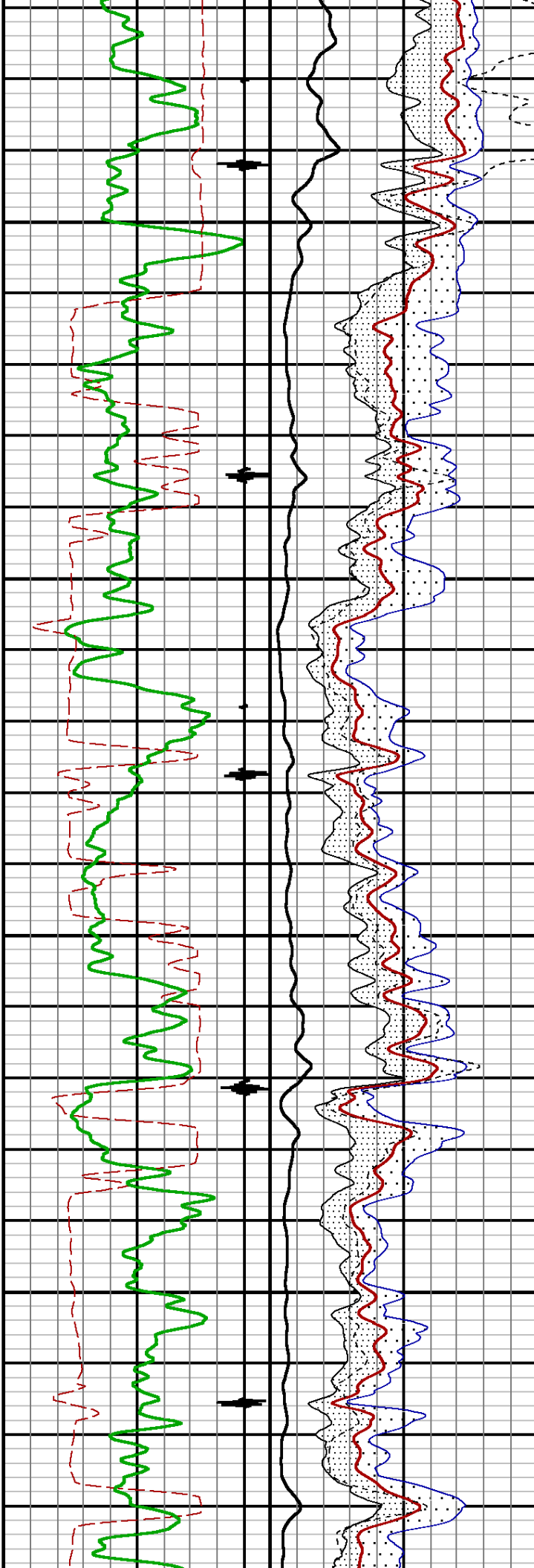
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5100



5200

5300

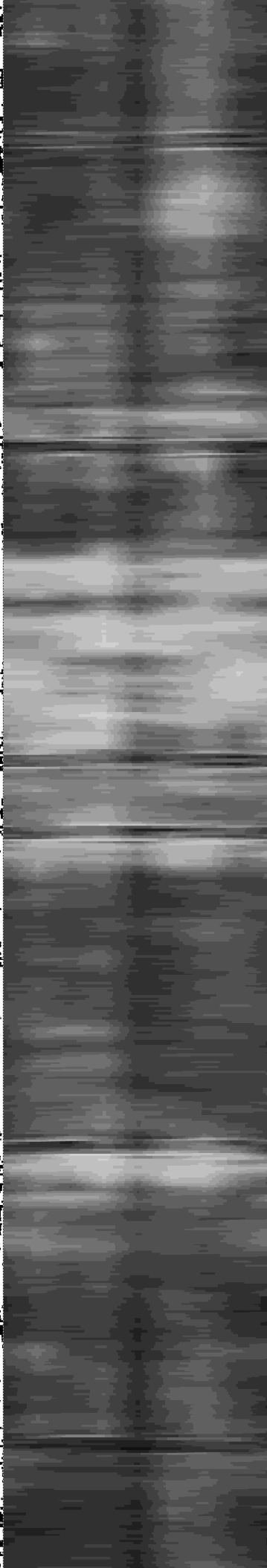
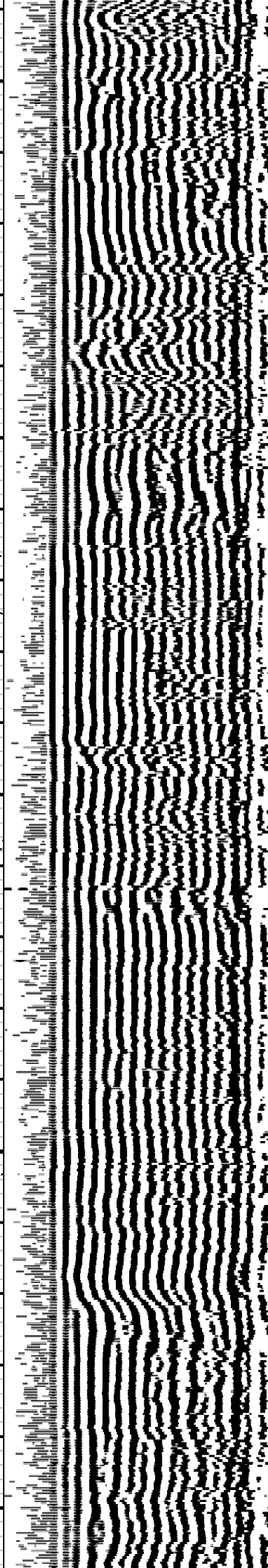
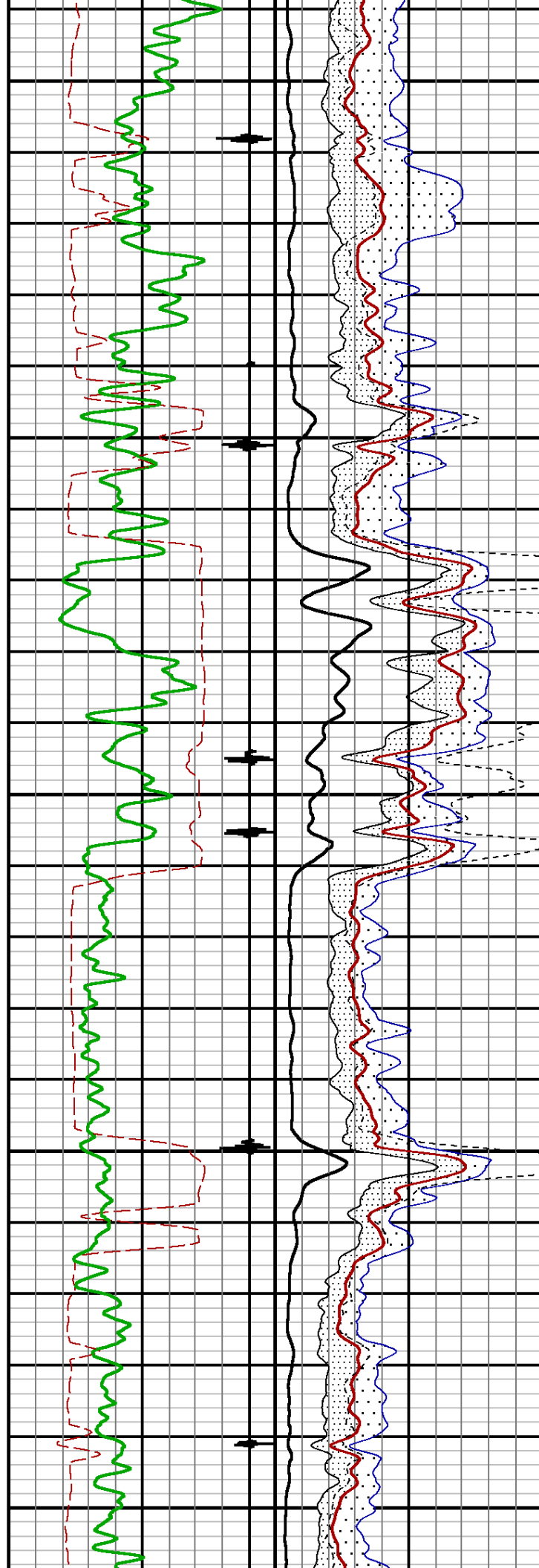




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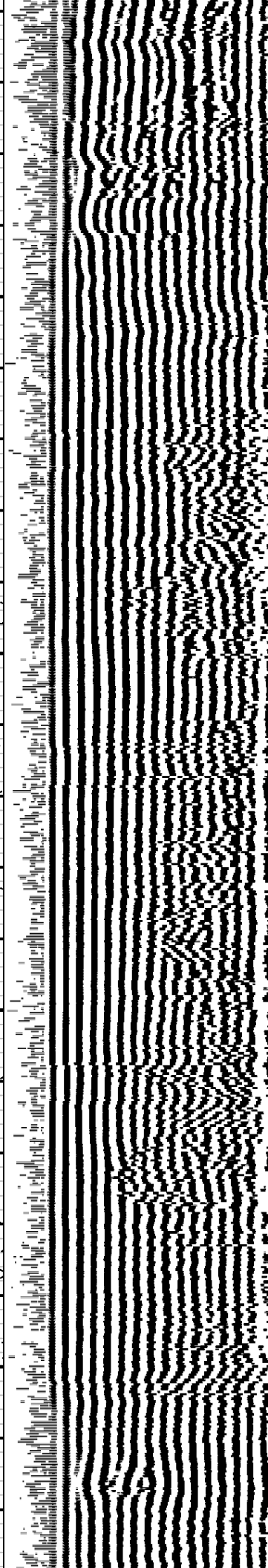
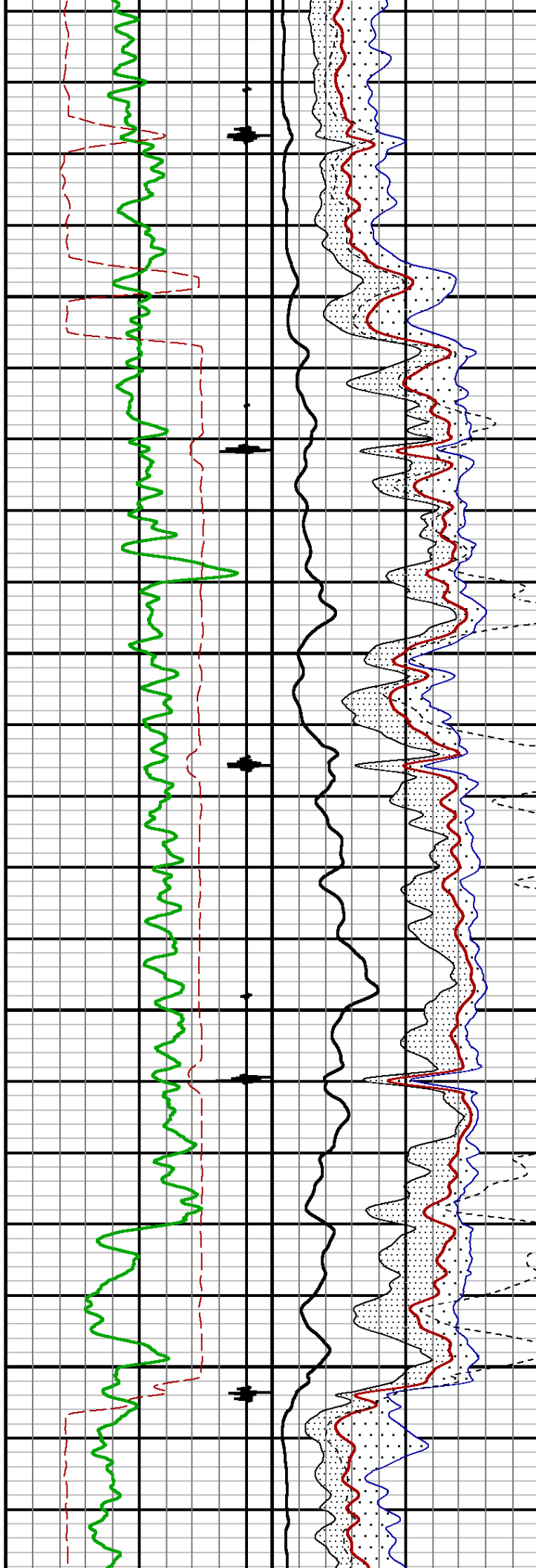
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5600



5700

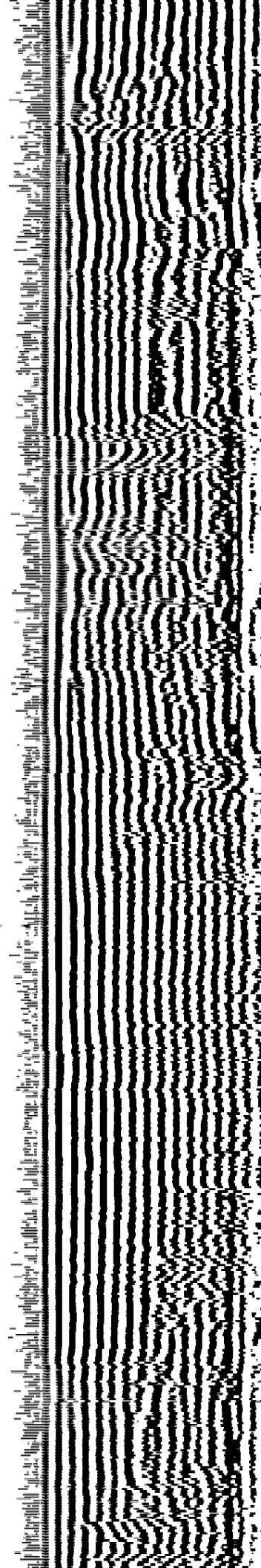
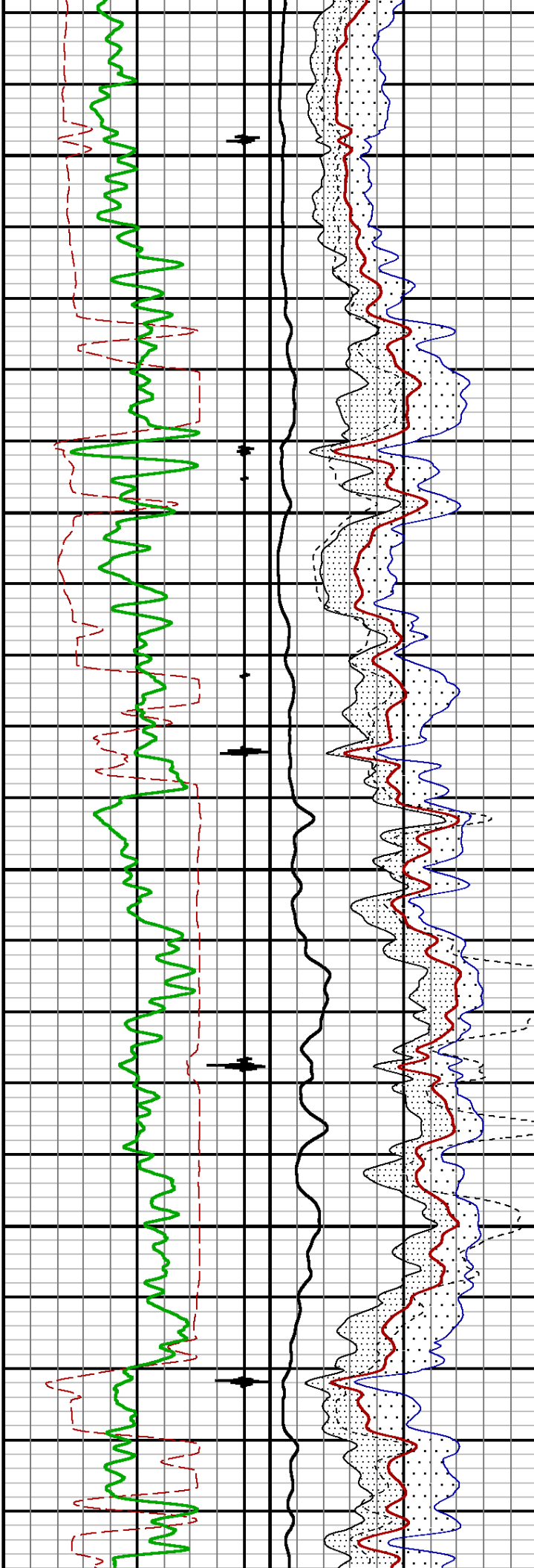
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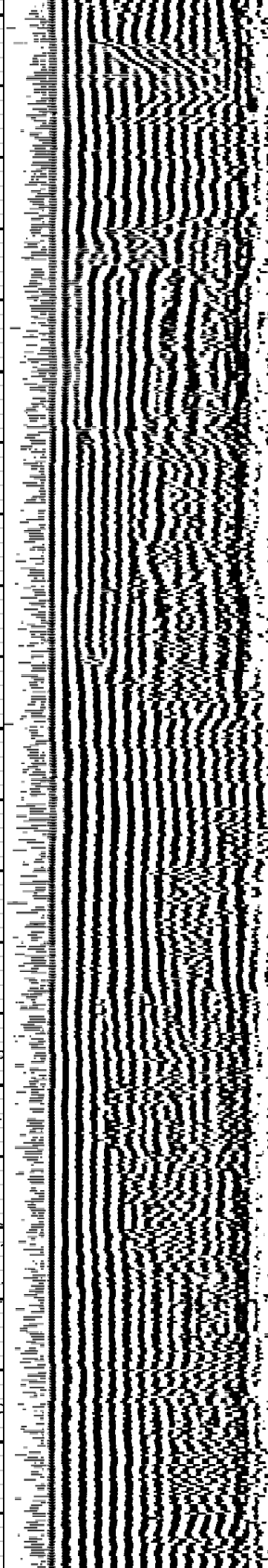
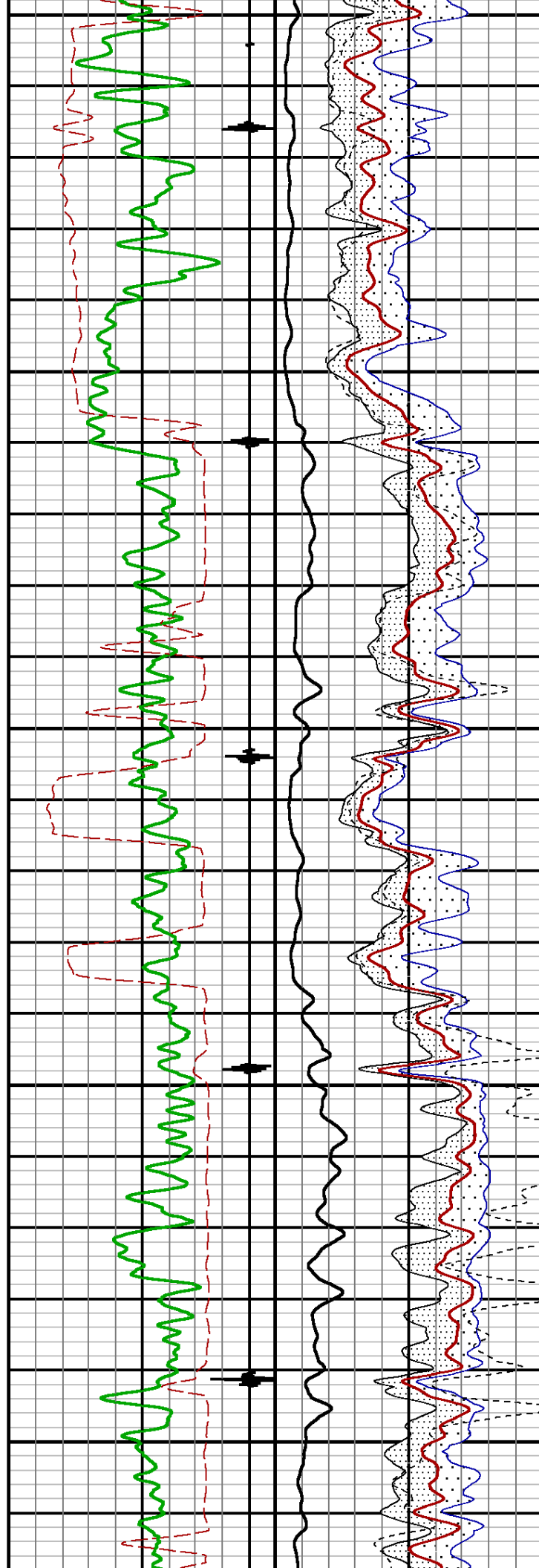
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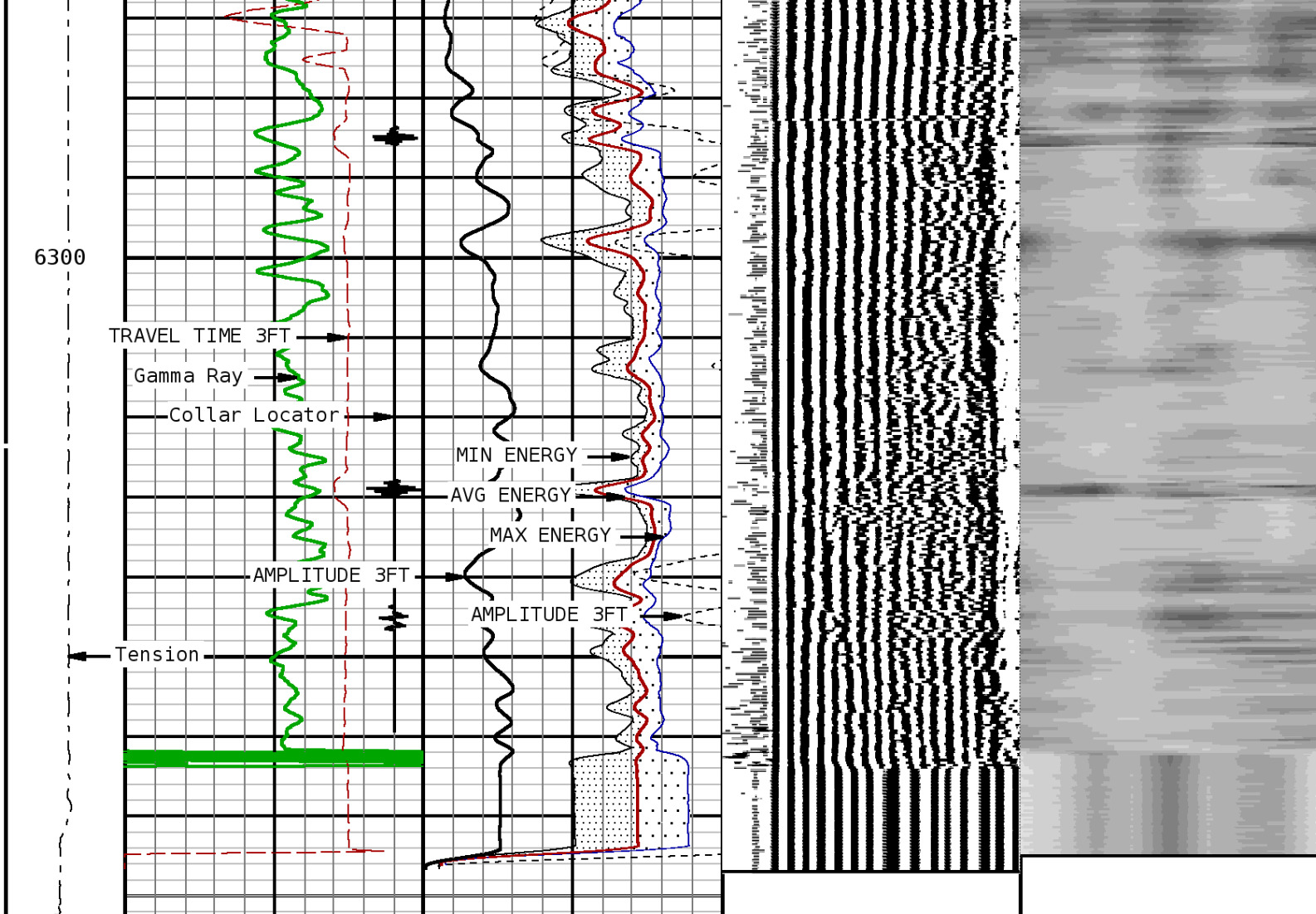
6000



6100

6200





Tension	TRAVEL TIME 3FT	MIN ENERGY	VARIABLE DENSITY 5FT	VARIABLE ENERGY
0 2000	330 Microseconds 230	0 Millivolts 100	200 Microseconds 1200	0 Millivolts 100
	Gamma Ray	AVG ENERGY		
	0 API 150	0 Millivolts 100		
	Collar Locator	MAX ENERGY		
	-8000 Millivolts 800	0 Millivolts 100		
		AMPLITUDE 3FT		
		0 Millivolts 100		
		AMP X 5		
		0 Millivolts 20		

START DEPTH: 6383.0 DIRECTION: UP DATE: 03/03/2014 TIME: 15:43 MODE: ORIGINAL

81062367 SBTMAINF

MAIN PASS

DEPTH SCALE: 5":100'

LOGGED VERSION: 2012.07.18.162"

DEPTH SCALE: 5":100'

PROCESSED VERSION: 2012.07.18.162"

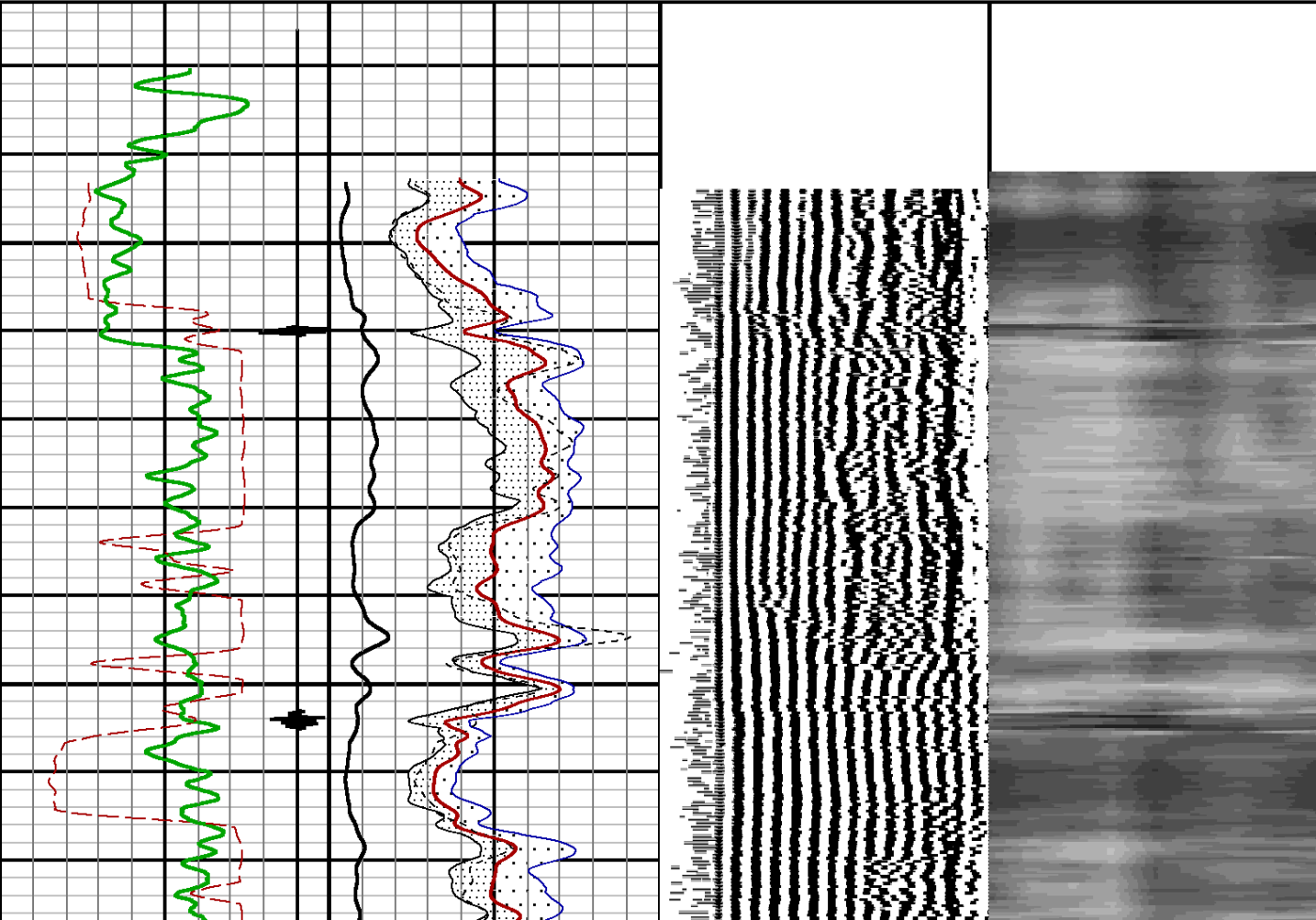
REPEAT PASS

81062367 SBTREPEATF

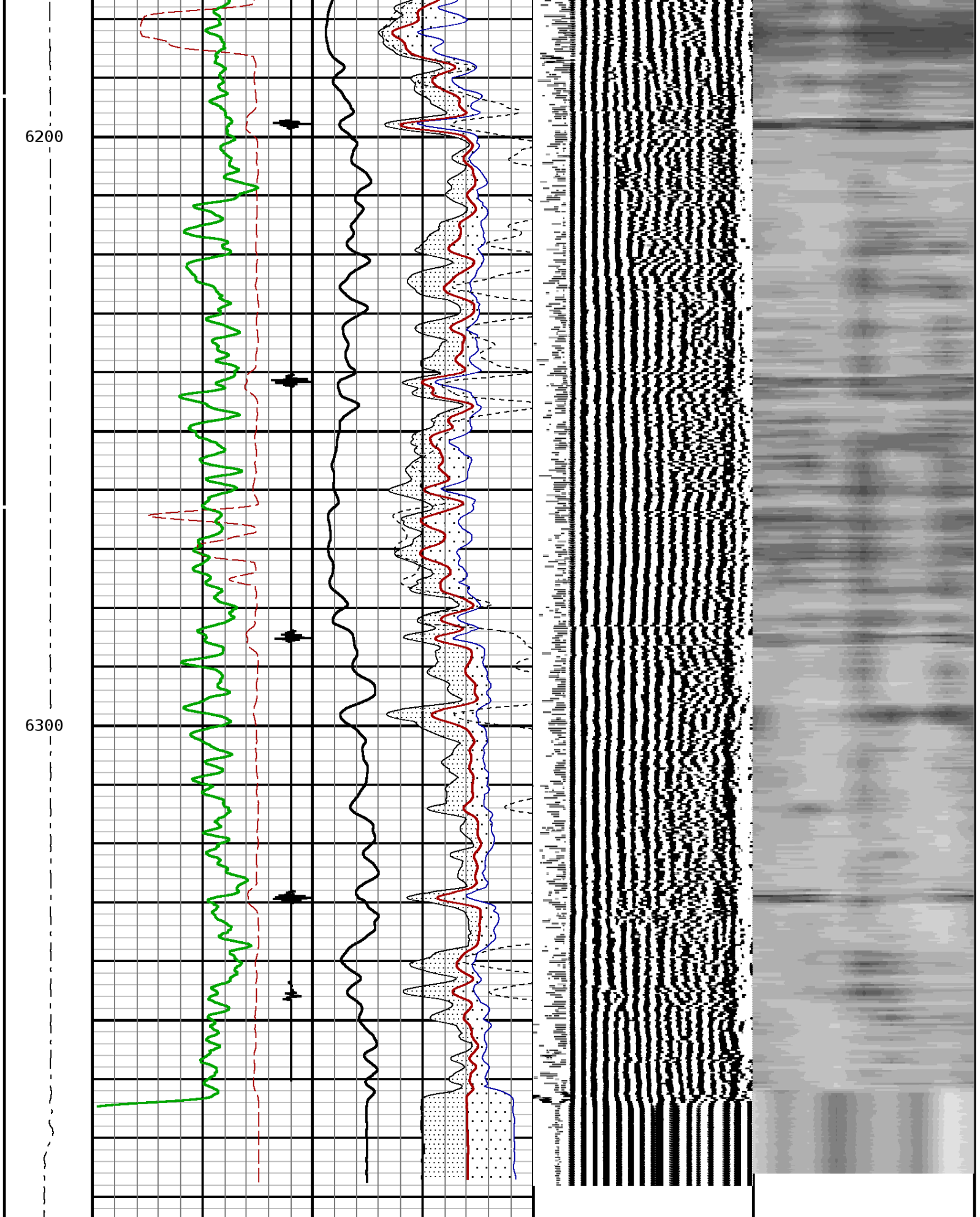
FINISH DEPTH: 6073.1 Feet DIRECTION: UP DATE: 03/03/2014 TIME: 16:15 MODE: TRACE PLAYBACK

		AMP X 5			
		-----			
		0	Millivolts	20	
		AMPLITUDE 3FT			
		0	Millivolts	100	
		MAX ENERGY			
		0	Millivolts	100	
		AVG ENERGY			
		0	Millivolts	100	
		MIN ENERGY			
		0	Millivolts	100	
		VARIABLE DENSITY 5FT			
		200	Microseconds	1200	
		VARIABLE ENERGY			
		0	Millivolts	100	
		Collar Locator			
		-8000	Millivolts	800	
		Gamma Ray			
		0	API	150	
		TRAVEL TIME 3FT			
		330	Microseconds	230	
		Tension			
		0	2000		

6100







Tension		TRAVEL TIME 3FT			MIN ENERGY			VARIABLE DENSITY 5FT			VARIABLE ENERGY		
0	2000	330	Microseconds	230	0	Millivolts	100	200	Microseconds	1200	0	Millivolts	100

Gamma Ray			AVG ENERGY		
0	API	150	0	Millivolts	100
Collar Locator			MAX ENERGY		
-8000	Millivolts	800	0	Millivolts	100
			AMPLITUDE 3FT		
			0	Millivolts	100
			AMP X 5		
			0	Millivolts	20

START DEPTH: <b>6384.0</b> DIRECTION: <b>UP</b> DATE: <b>03/03/2014</b> TIME: <b>16:15</b> MODE: <b>TRACE PLAYBACK</b>  <div style="text-align: center; padding: 5px;">81062367 SBTREPEATF</div>
<h2 style="margin: 0;">REPEAT PASS</h2>
<div style="display: flex; justify-content: space-between;"> <span>DEPTH SCALE: <b>5":100'</b></span> <span>LOGGED VERSION: <b>2012.07.18.162"</b></span> </div>

**Cased Hole Cablehead**

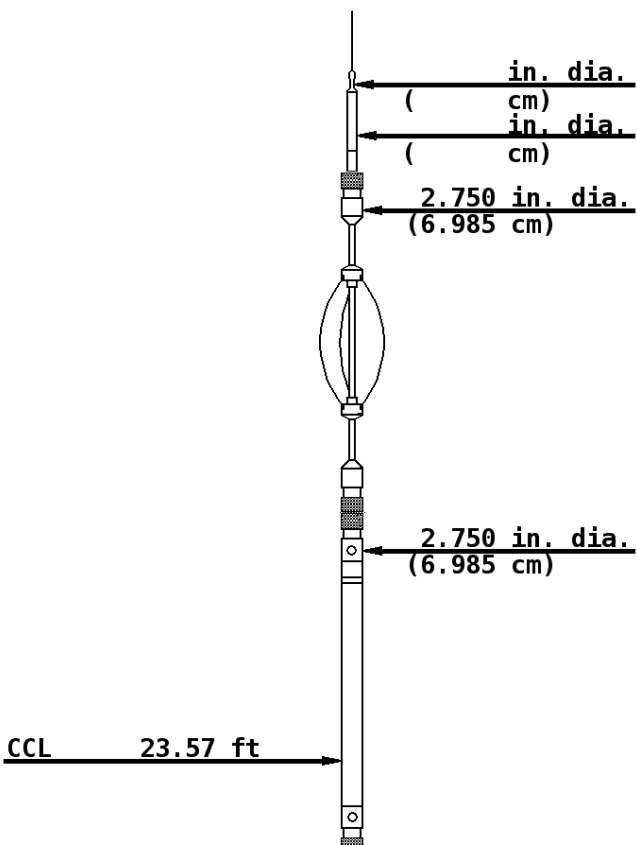
Weight	2.2 lb	
Length	1.02 ft	
Max. Diameter	1.685 in	
Total Stack Weight 219.2 lb		in air
Total Stack Length 27.85 ft		

**Slim Hole Centralizer**

Weight	11.9 lb
Length	2.49 ft
Max. Diameter	2.717 in

**Collar Locator**

Weight	39.8 lb
Length	3.40 ft
Max. Diameter	2.717 in



### Slim Hole Gamma Ray

Weight 39.8 lb  
Length 4.71 ft  
Max. Diameter 2.717 in

### Slim Hole Centralizer

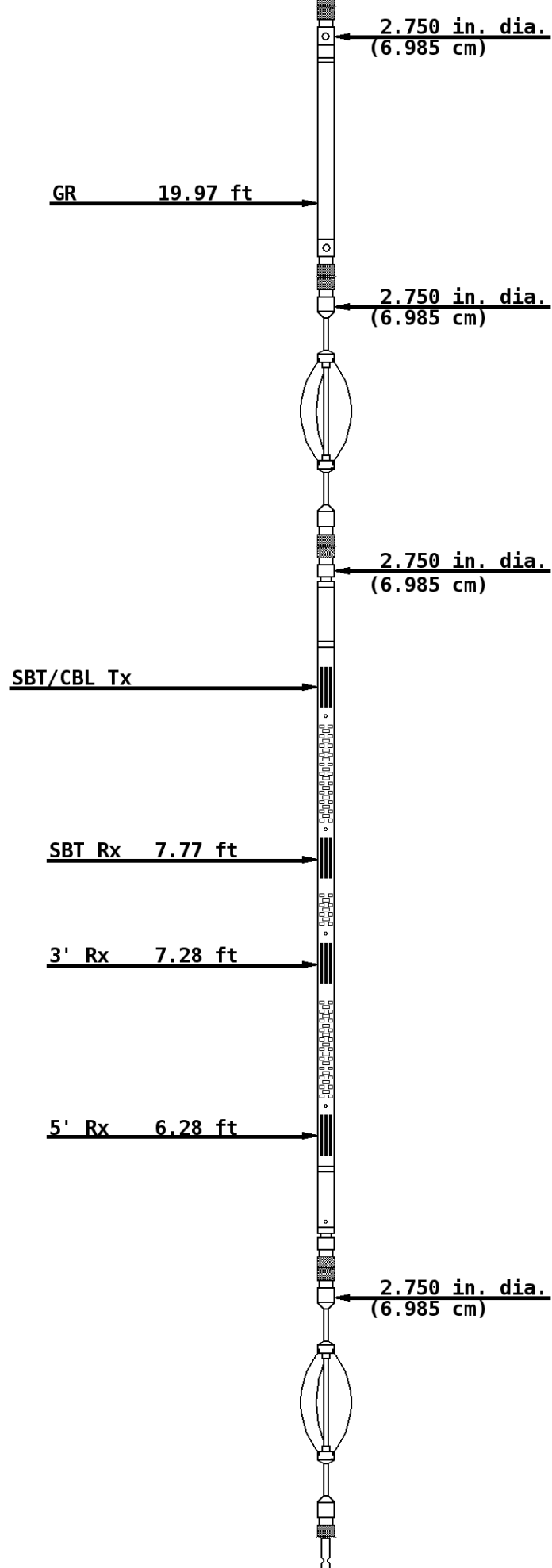
Weight 23.8 lb  
Length 3.08 ft  
Max. Diameter 2.717 in

### Sector Bond

Weight 89.8 lb  
Length 10.32 ft  
Max. Diameter 2.717 in

### Slim Hole Centralizer

Weight 11.9 lb  
Length 2.82 ft  
Max. Diameter 2.717 in



COMPANY	URSA OPERATING COMPANY LLC.		
WELL	BAT-23CWI-24-07-96		
FIELD	WILDCAT		
COUNTY	GARFIELD	STATE	COLORADO

