



Company **ANADARKO PETROLEUM CORP**  
 Well **DRY CREEK FEDERAL 41-27**  
 Field **WATTENBERG**  
 County **WELD** State **CO**

Location: **NE/NE** Other Services **PERF**  
 API #: 05-123-31609  
 Permanent Datum **SEC 27 TWP 1N RGE 6TW**  
 Log Measured From **GL KB 15'** Elevation **4994'**  
 Drilling Measured From **KB** Above Perm. Datum **K.B. 5009'**  
**D.F. 5008'**  
**G.L. 4994'**

Date of Service	JUN 21ST, 2024		
Run Number	ONE		
Depth Driller or P8TD	8310'		
Depth Logger	5219'		
Bottom Log Interval	5216'		
Top Log Interval	SURFACE		
Open Hole Size	7.875"		
Type Fluid	WATER		
Fluid Level	SURFACE		
Fluid Density	8.3#		
Max. Recorded Temperature	NA° F		
Max. Wellhead Pressure	ZERO		
Wellhead Connection	7 1/16" 5K		
Estimated Cement Top	SEE LOG		
Unit Number	5074		
Wireline Size	9/32"		
Location	PLATTEVILLE, CO		
Recorded By	GREG JACKSON		
Witnessed By	VICTOR IDELFONSO		
	Size	WV/Ft	Bottom
Tubing Record			
Surface Casing	8-5/8	24#	1194'
Production Casing	4-1/2	11.6#	8025'
Liner Record			

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All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Pioneer Wireline Services, LLC will not 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.

Comments

N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.  
 LOG CORRELATED TO 15' KB RIH

THANK YOU FOR USING PIONEER ENERGY SERVICES!

Your Pioneer Energy Services Crew Engineer: G. JACKSON Operator: M. LLAMAS Operator: L. CASTILLO Operator:	Tool Data - Services BOND GAMMA RAY/CCL
Serial Number	

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			Cable Head-Titan_144 1 7/16" Titan Cable Head	1.03	1.44	2.00
			Centralizer-275 Probe 2 3/4" Probe Adjustable Spring Centralizer	2.88	2.75	15.00
WVFS8	12.09		PROBE-RBT-DIGITAL-RBL-DC (FW1304-34) Probe 2 3/4" Radii Bond-Corrosion Package	8.75	2.75	100.00
WVFS7	12.09					
WVFS6	12.09					
WVFS5	12.09					
WVFS4	12.09					
WVFS3	12.09					
WVFS2	12.09					
WVFS1	12.09					
WVFCAL	12.09					
WVF3FT	12.09					
WVF5FT	11.09					
HEADVOLT	7.90					
			Centralizer-275 Probe 2 3/4" Probe Adjustable Spring Centralizer	2.88	2.75	15.00
CCL	4.20					
GCT_TEMP	3.41					
GR	2.83		PROBE-GR/CCL-DIGITAL-275 Probe GCT (140181) Probe 2 3/4" Gamma Ray/Temp/CCL	4.69	2.75	60.00
			Bullnose-PROBE Probe Go Pin Pressure Cap	0.33	1.38	1.00

Dataset: oxy\_dry creek fed 41-27\_rcbl\_6-21-24.db: field/well/run1/merge1  
 Total length: 20.56 ft  
 Total weight: 193.00 lb  
 O.D.: 2.75 in

# Log Variables

DatabaseC:\ProgramData\Warrior\Data\oxy\_dry\_creek\_fed\_41-27\_rcbl\_6-21-24.db  
 Dataset field/well/run1/merge1/\_vars\_

## Top - 1.00 ft

<b>BOREID</b> in 0	<b>BOTTEMP</b> degF 0	<b>CASEOD</b> in 0	<b>CASETHCK</b> in 0	<b>CASEWGHT</b> lb/ft 0	<b>MAXAMPL</b> mV 0	<b>MINAMPL</b> mV 0
<b>MINATTN</b> db/ft 0	<b>PERFS</b> No	<b>PPT</b> usec 0	<b>SRFTEMP</b> degF 0	<b>TDEPTH</b> ft 0		

## 1.00 ft - 191.00 ft

<b>BOREID</b> in 7.875	<b>BOTTEMP</b> degF 100	<b>CASEOD</b> in 4.5	<b>CASETHCK</b> in 0	<b>CASEWGHT</b> lb/ft 11.6	<b>MAXAMPL</b> mV 81.2	<b>MINAMPL</b> mV 1
<b>MINATTN</b> db/ft 0.08	<b>PERFS</b> No	<b>PPT</b> usec 0	<b>SRFTEMP</b> degF 0	<b>TDEPTH</b> ft 0		

## 191.00 ft - 5221.60 ft

<b>BOREID</b> in 7.875	<b>BOTTEMP</b> degF 100	<b>CASEOD</b> in 4.5	<b>CASETHCK</b> in 0	<b>CASEWGHT</b> lb/ft 11.6	<b>MAXAMPL</b> mV 81.2	<b>MINAMPL</b> mV 1
<b>MINATTN</b> db/ft 0.08	<b>PERFS</b> No	<b>PPT</b> usec 0	<b>SRFTEMP</b> degF 0	<b>TDEPTH</b> ft 0		

## 5221.60 ft - Bottom

<b>BOREID</b> in 0	<b>BOTTEMP</b> degF 0	<b>CASEOD</b> in 0	<b>CASETHCK</b> in 0	<b>CASEWGHT</b> lb/ft 0	<b>MAXAMPL</b> mV 0	<b>MINAMPL</b> mV 0
<b>MINATTN</b> db/ft 0	<b>PERFS</b> No	<b>PPT</b> usec 0	<b>SRFTEMP</b> degF 0	<b>TDEPTH</b> 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

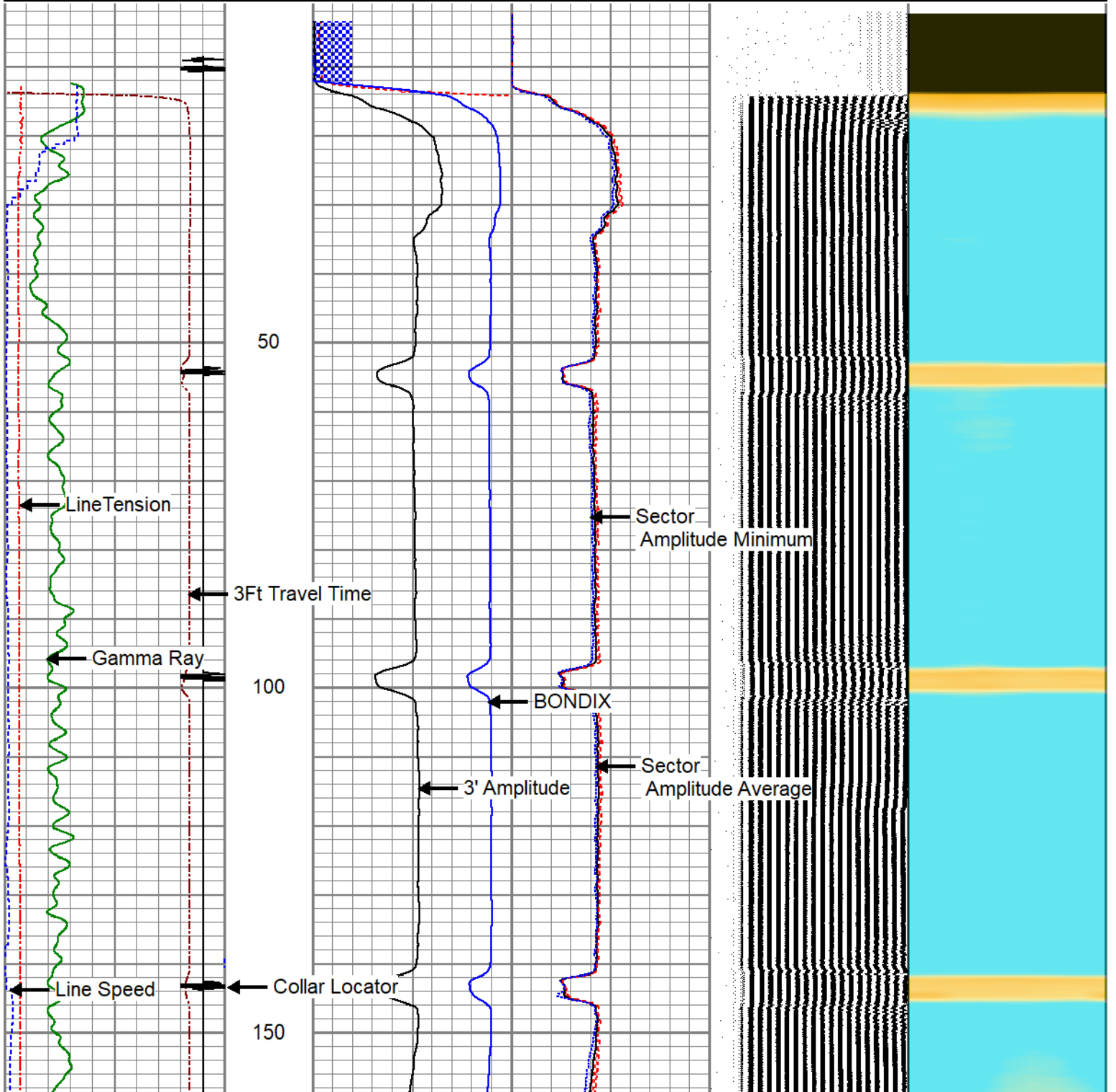
MINAMPL : Minimum Amplitude  
 MINATTN : Minimum Attenuation  
 PERFS : Perforation Flag  
 PPT : Predicted Pipe Time  
 SRFTEMP : Surface Temperature  
 TDEPTH : Total Depth

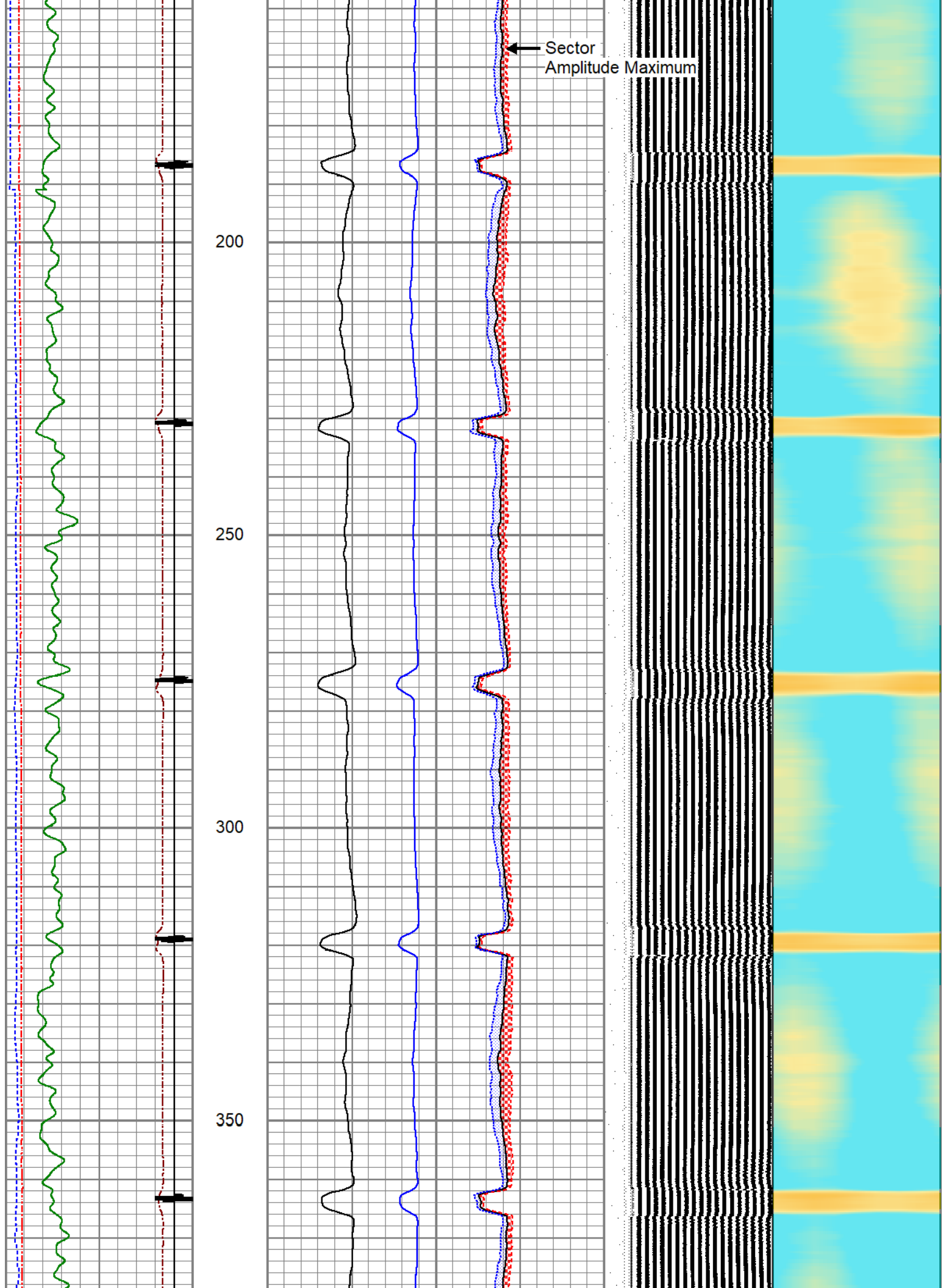


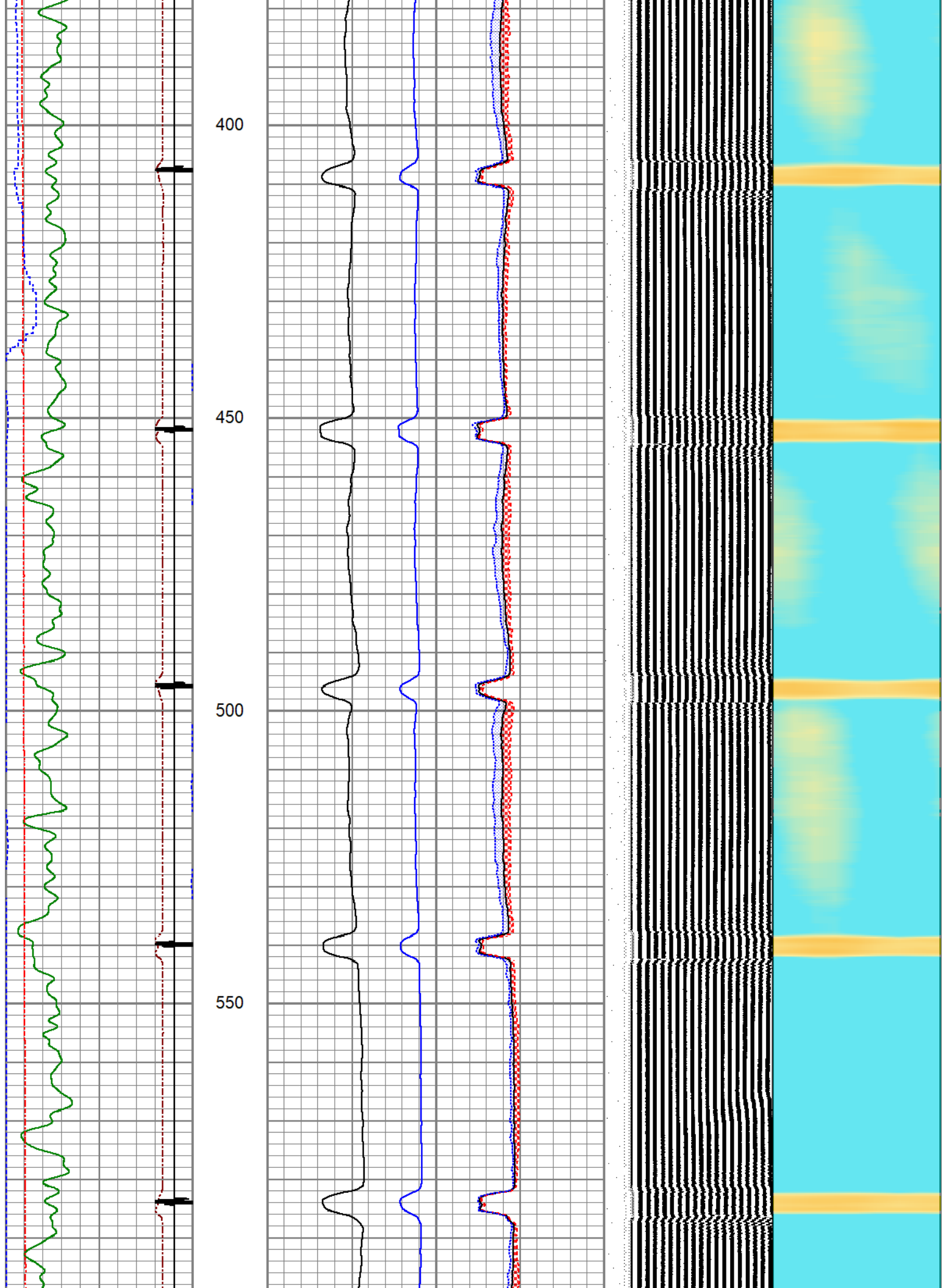
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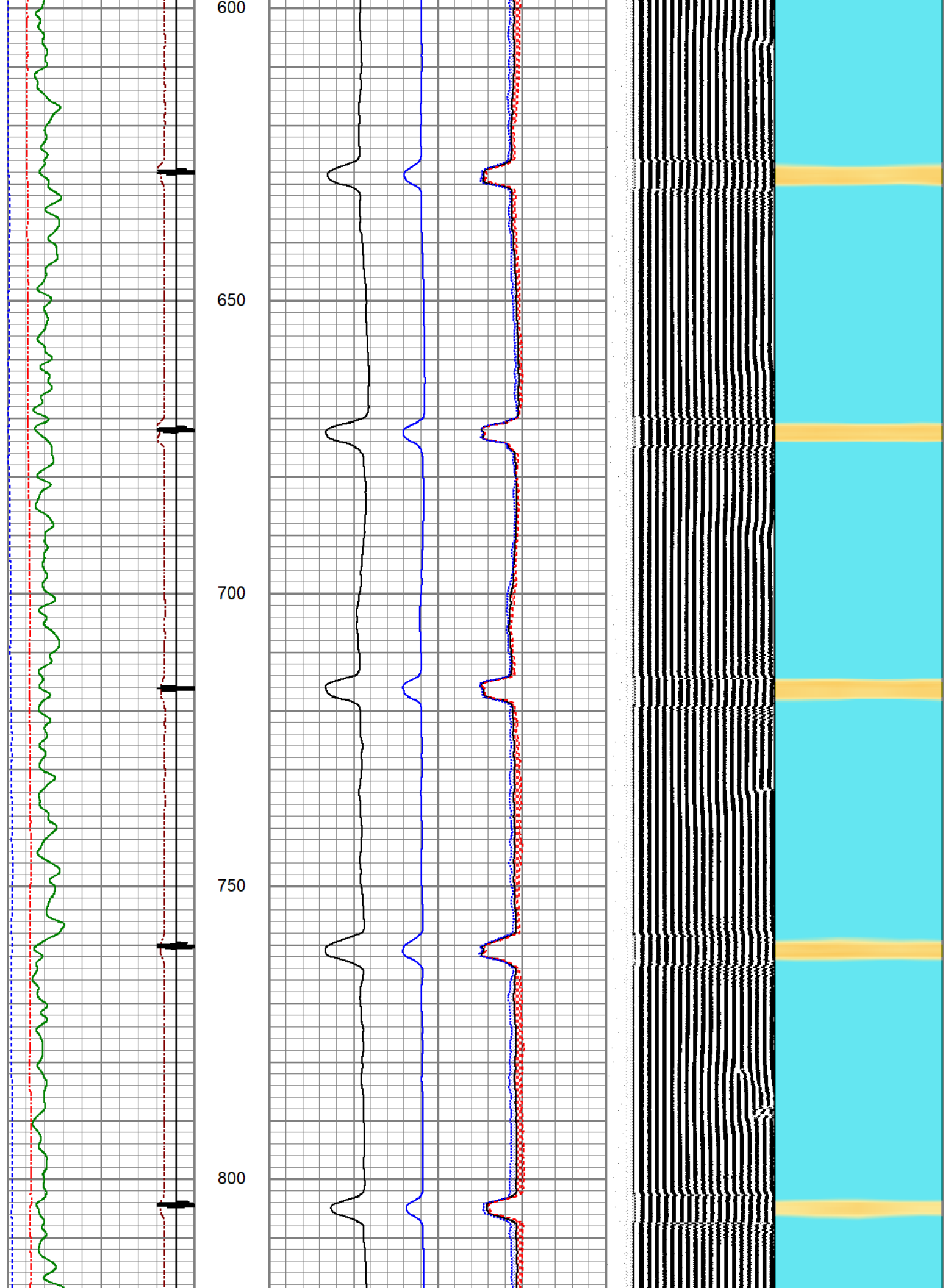
ZERO PSI APPLIED AT SURFACE

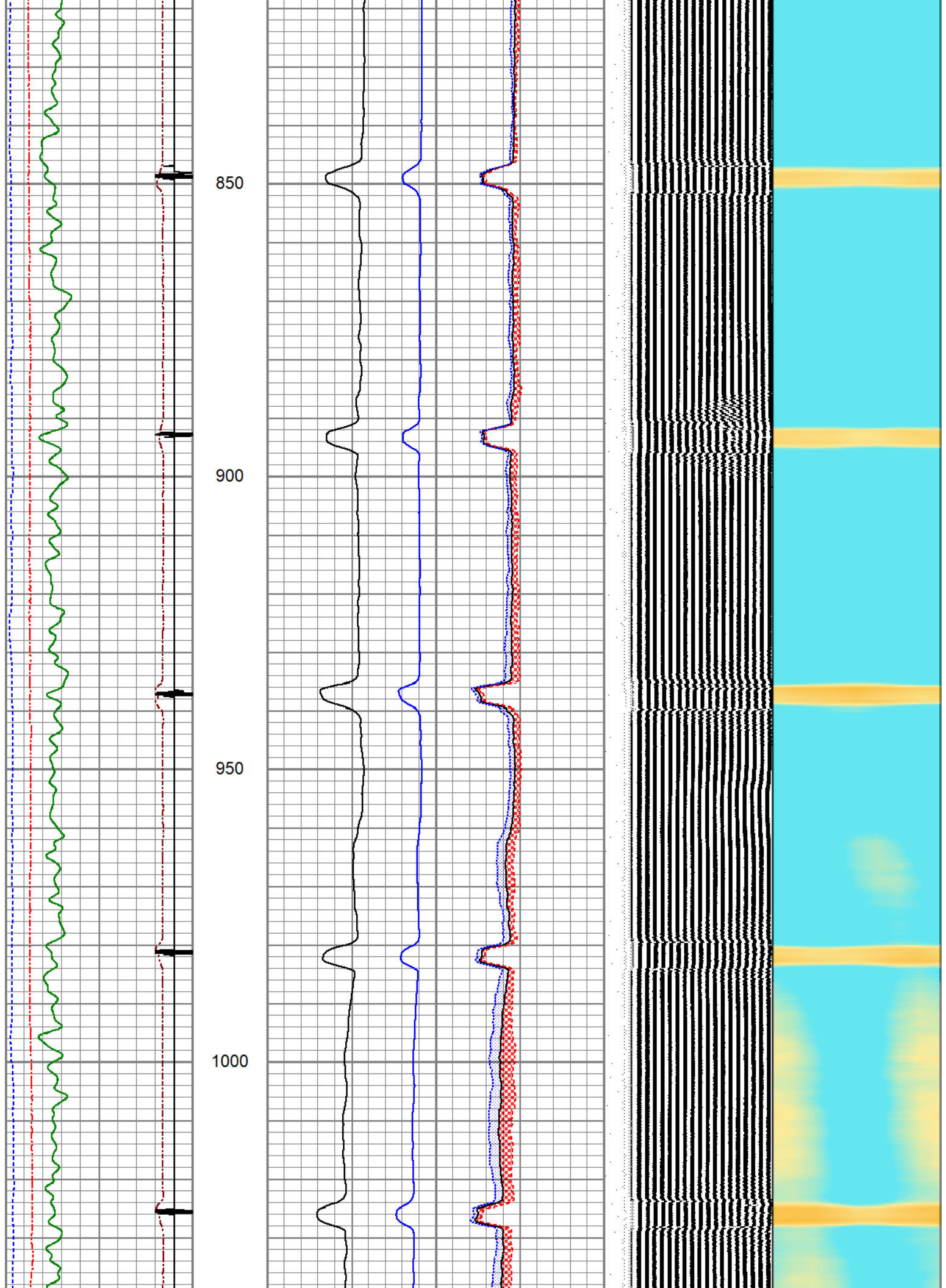
3Ft Travel Time 575 (usec) 175	0 (mV) 100	Sector Amplitude Average 200 (usec) 1200	1 Sector Map 8
-9 Collar Locator 1		0 150	
Gamma Ray 0 (GAPI) 150	3' Amplified Amplitude X 5 0 (mV) 20	Sector Amplitude Maximum 0 150	1 Sector Map 8
LineTension 0 (lb) 2000	1 BONDIX 0	Sector Amplitude Minimum 0 150	
Line Speed -100 (ft/min) 100			

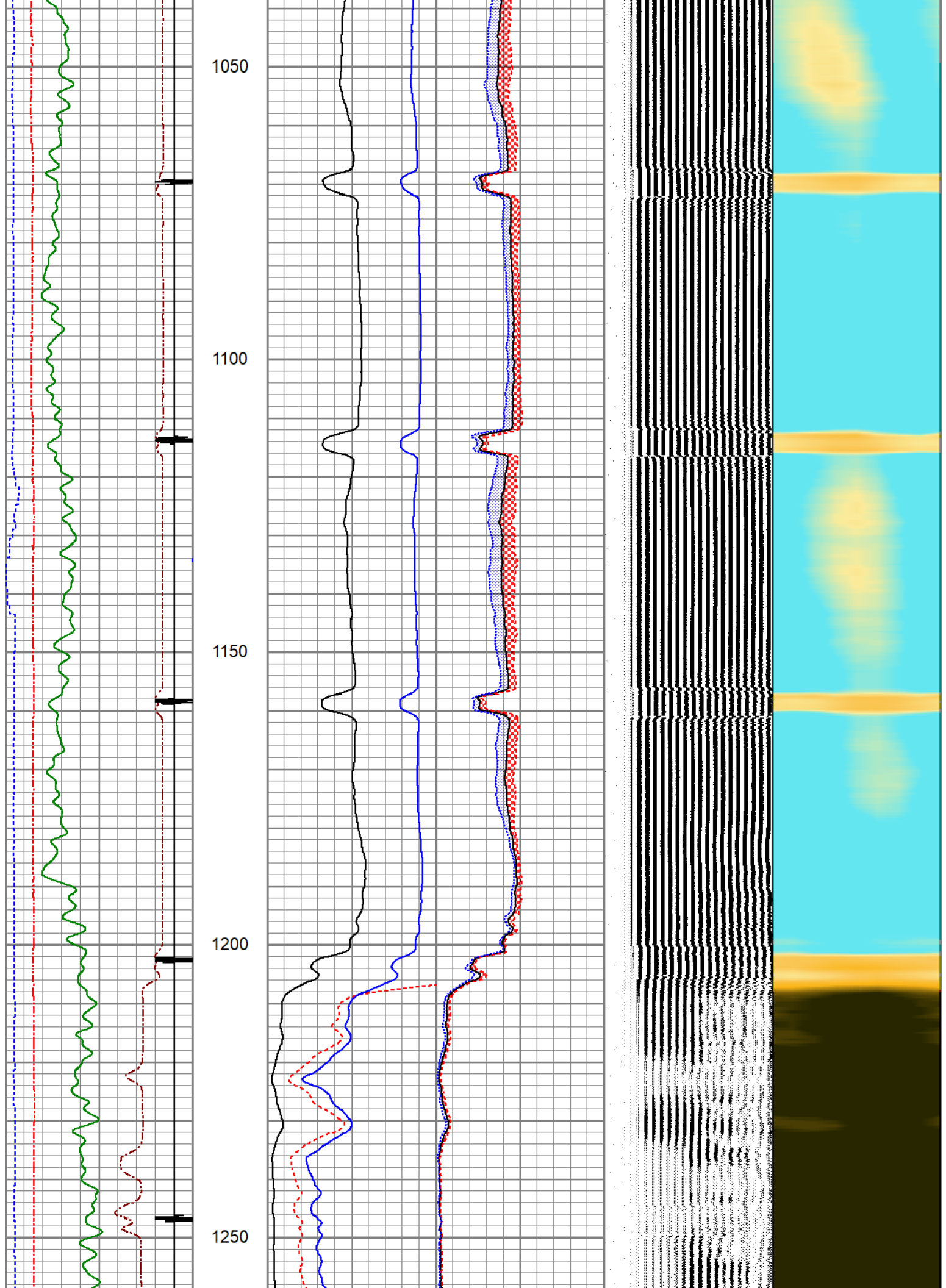


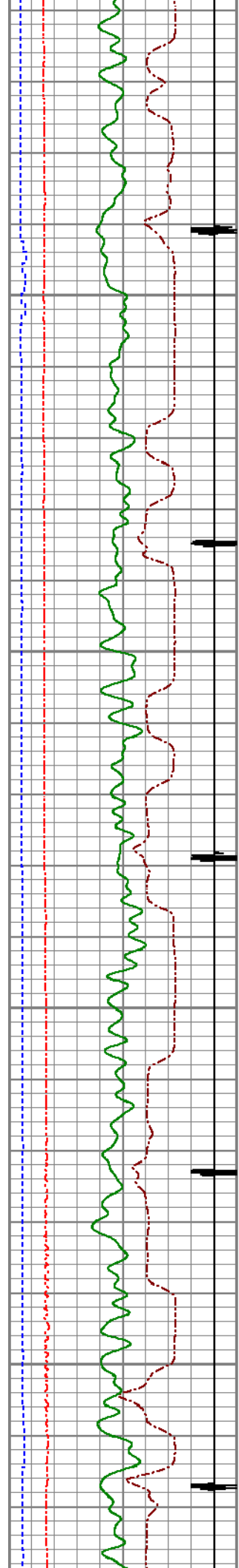










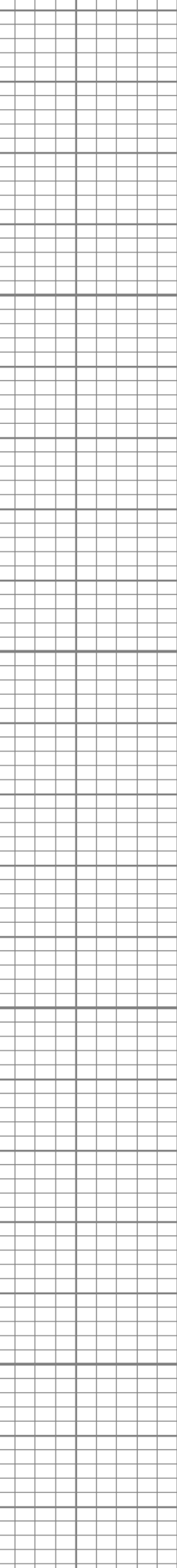
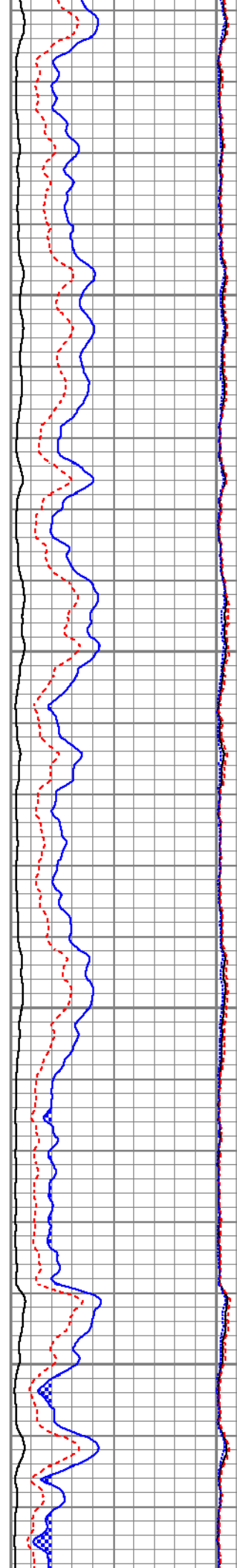


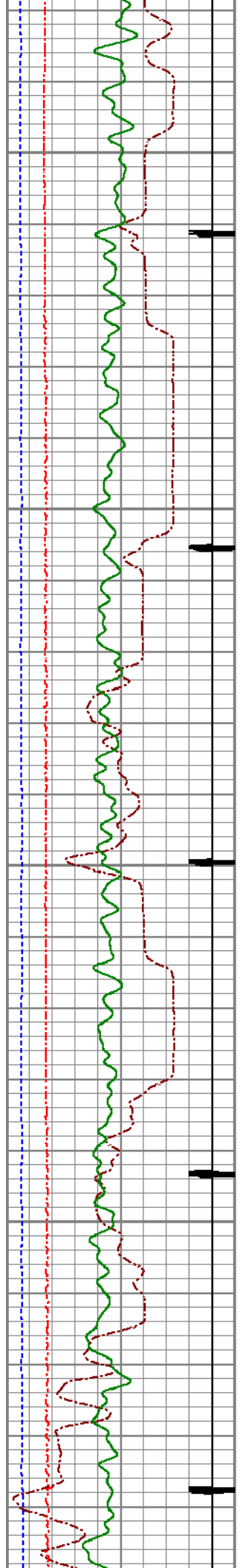
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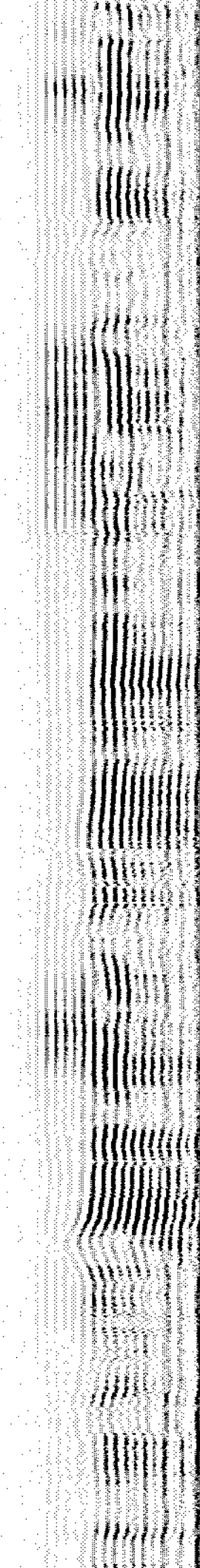
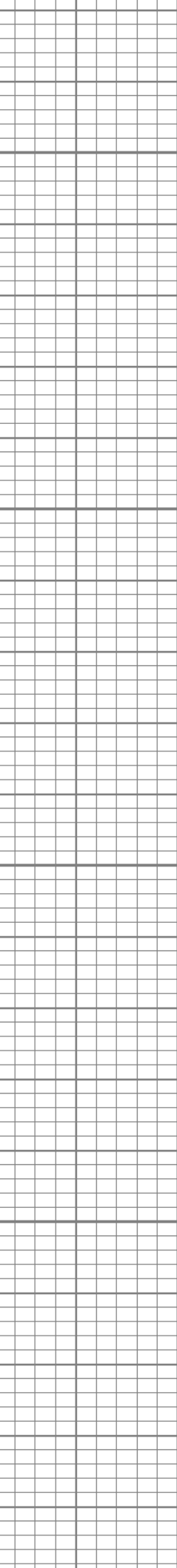
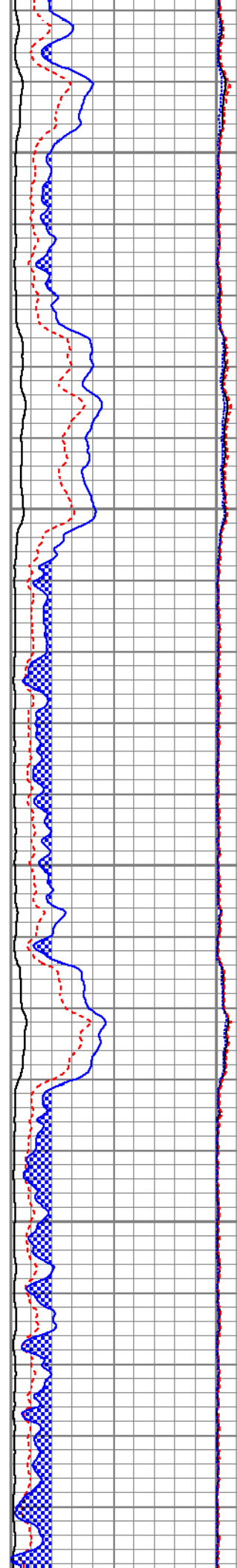


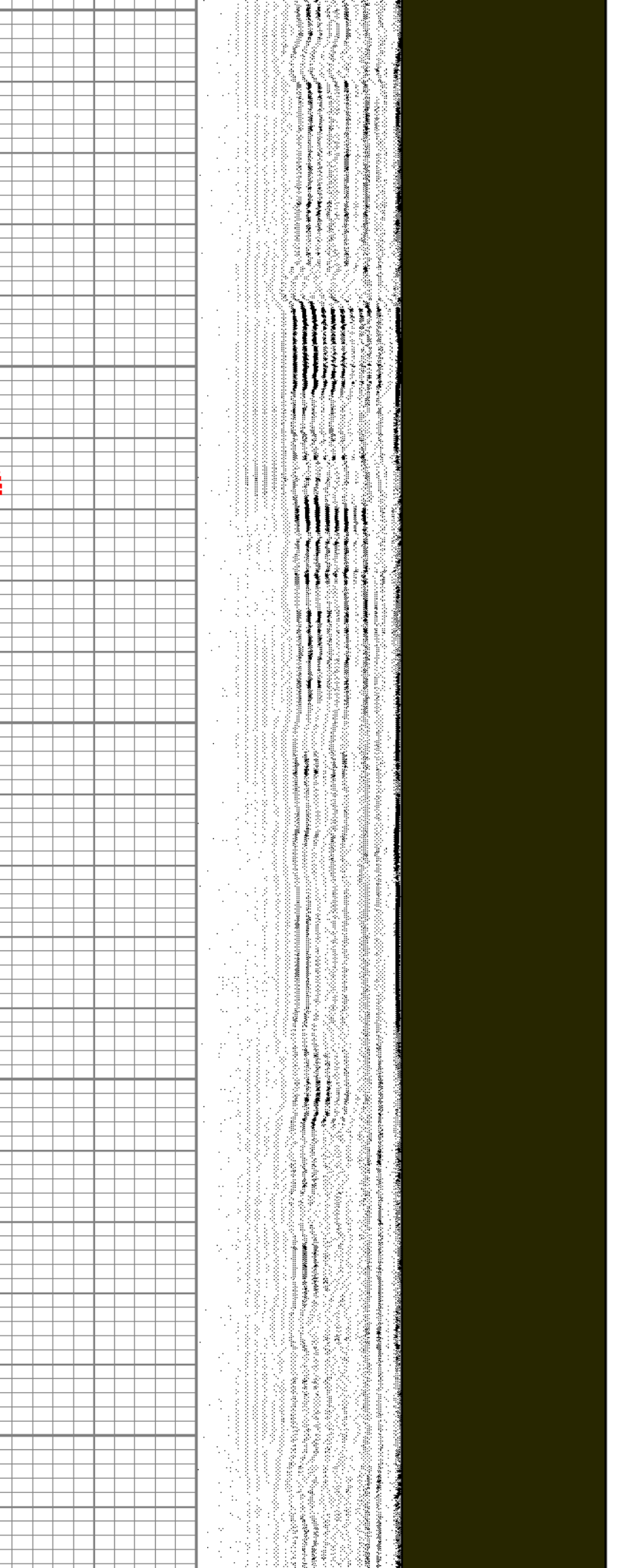
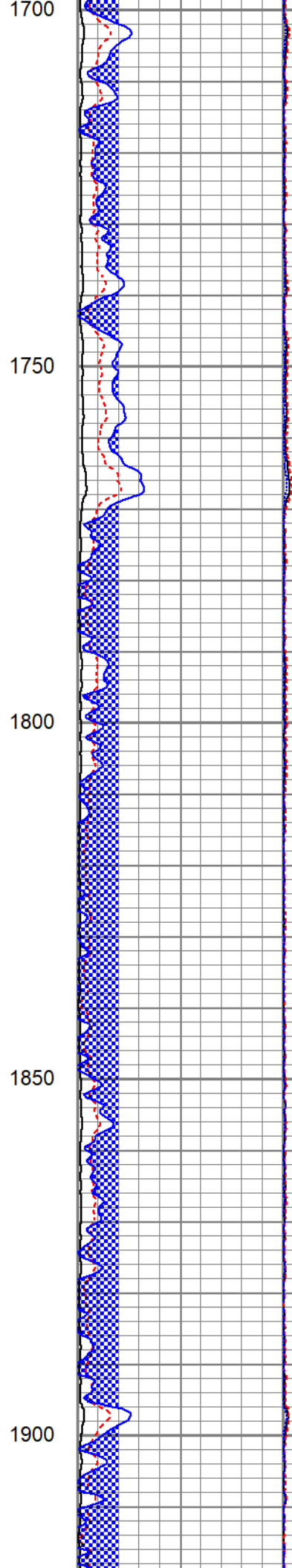
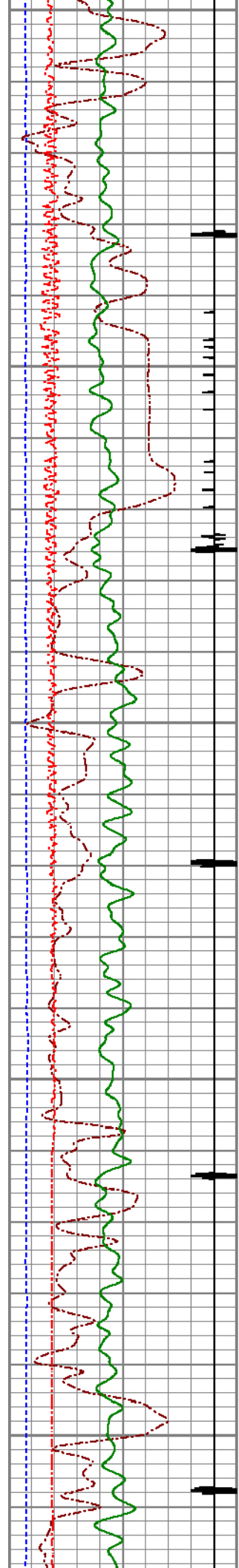
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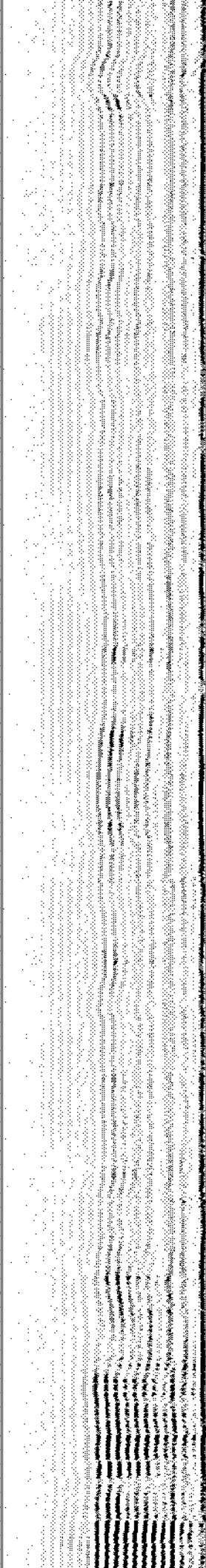
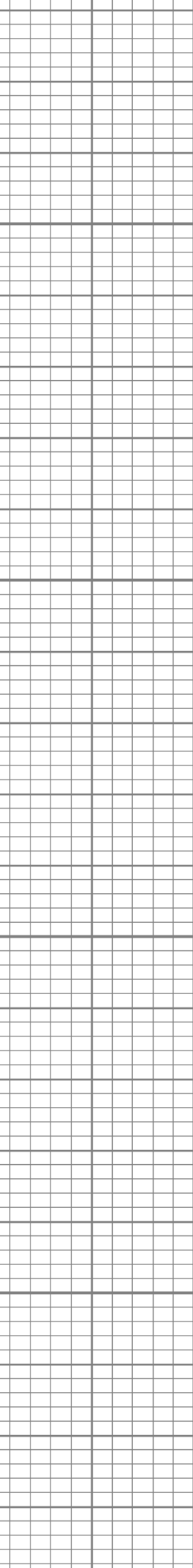
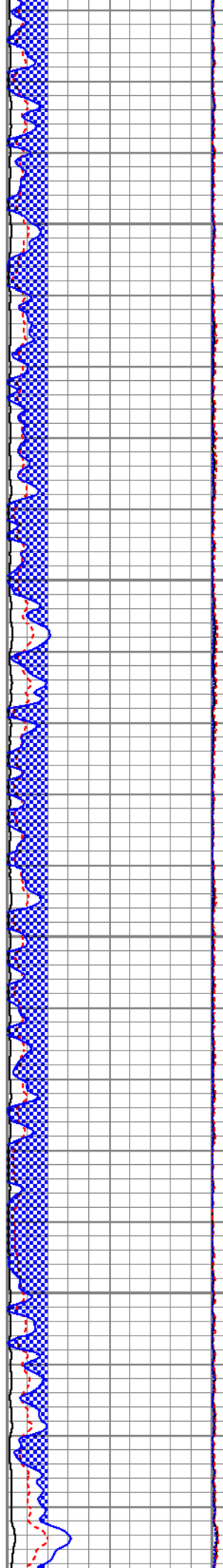
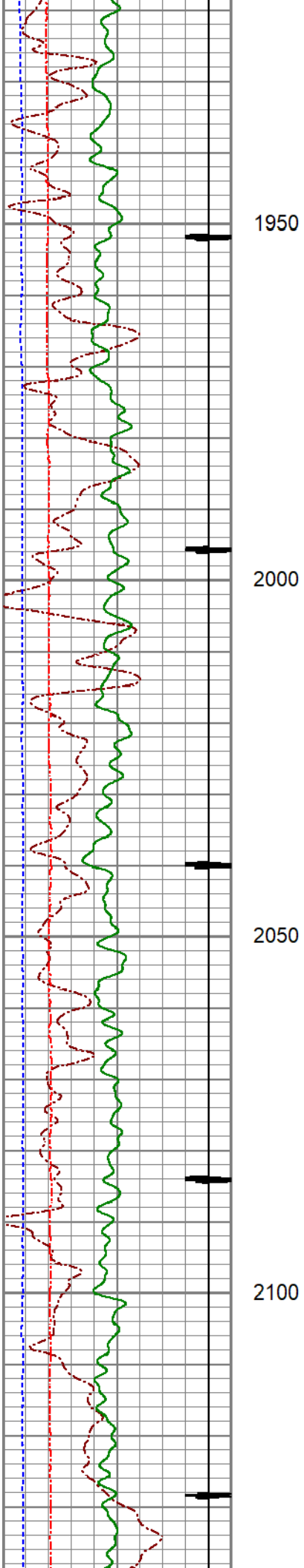
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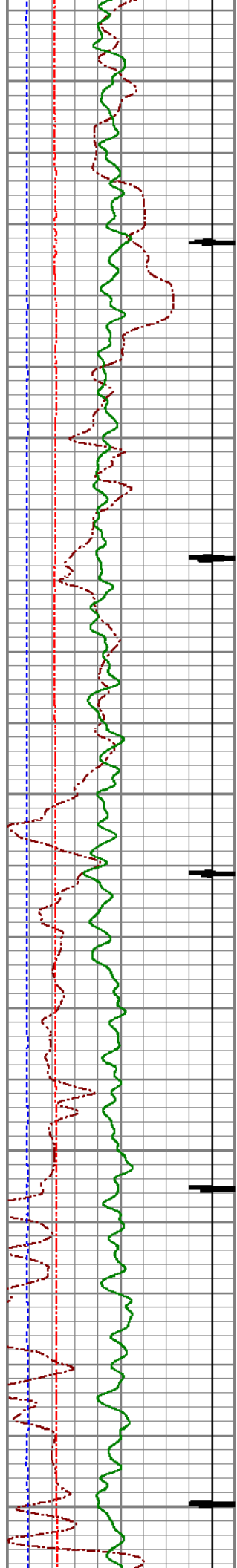
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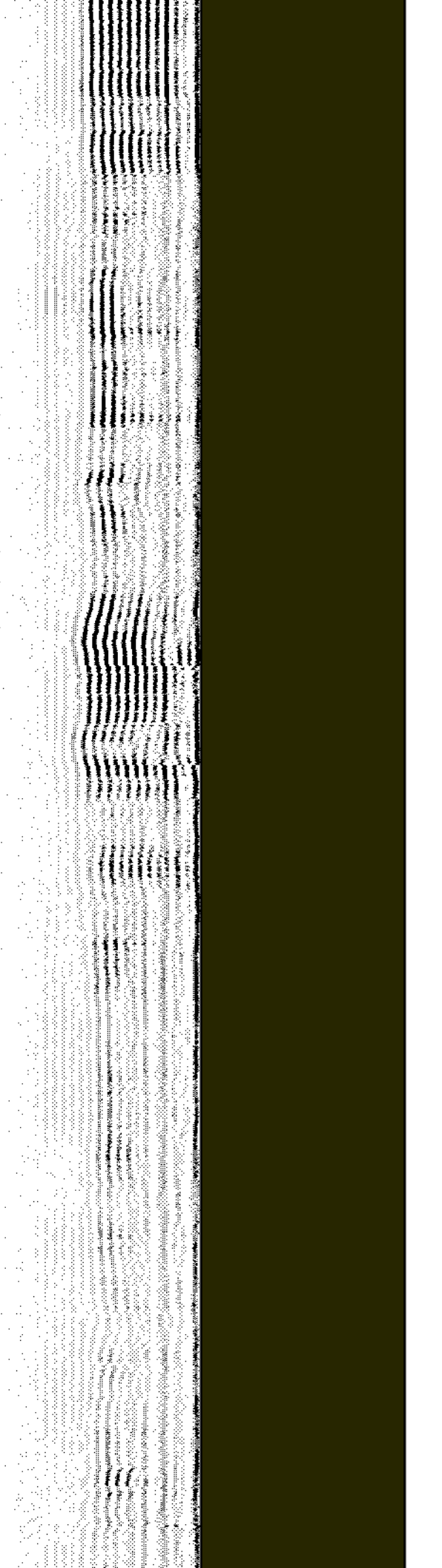
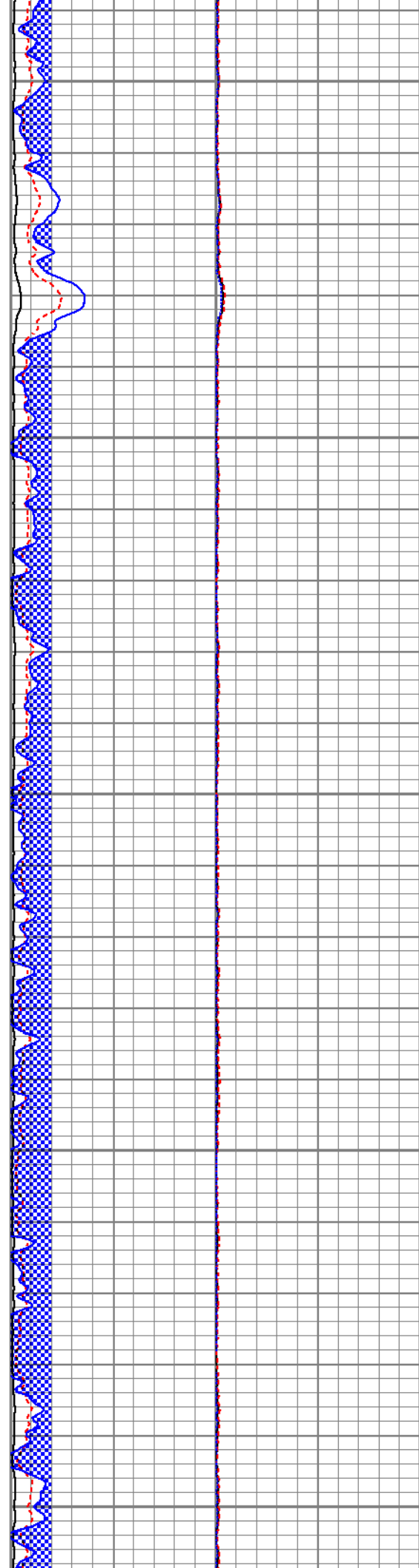


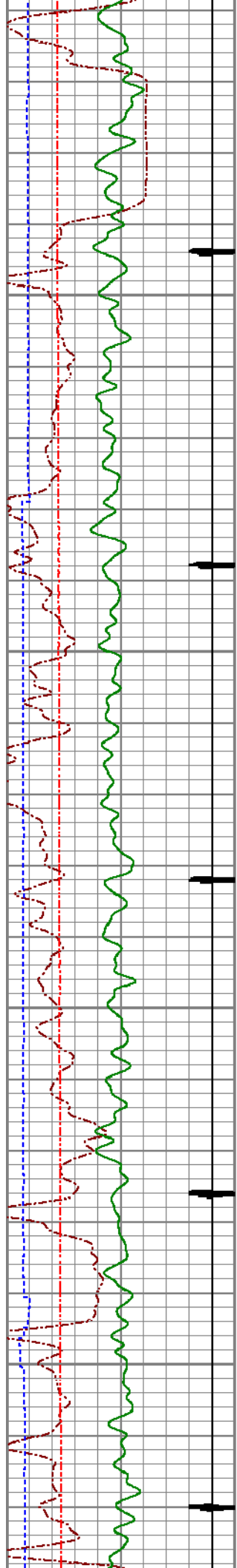






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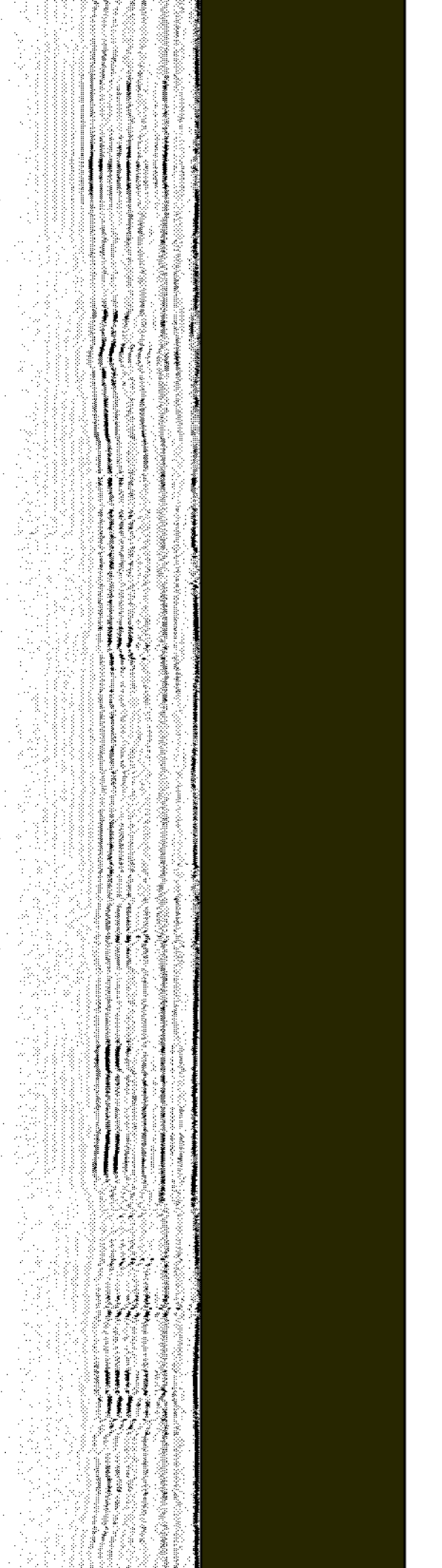
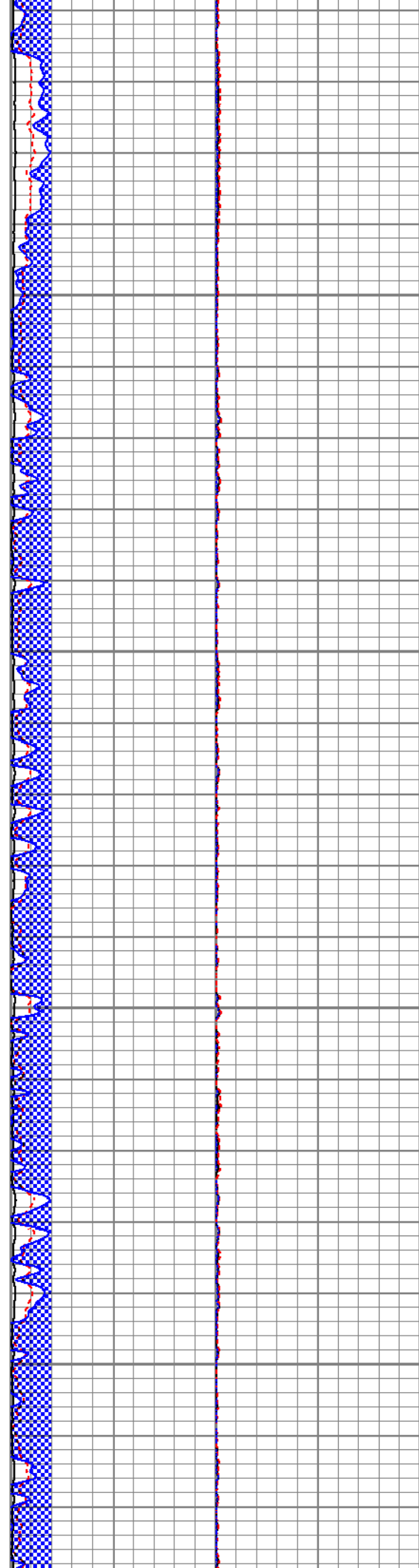


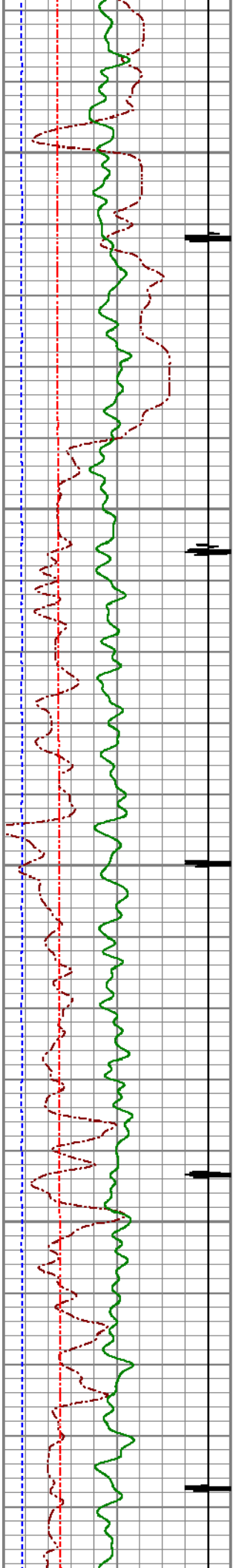
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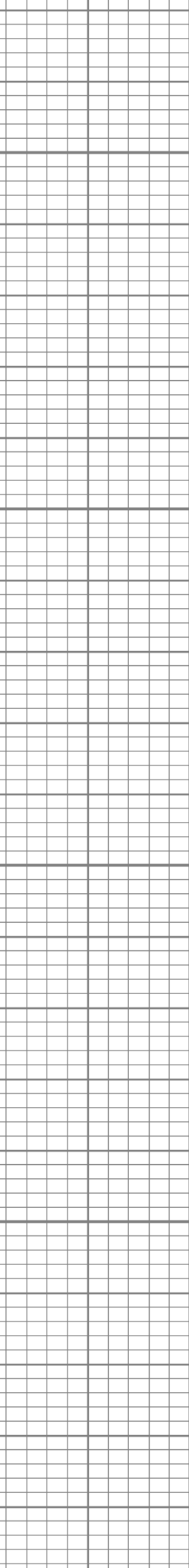
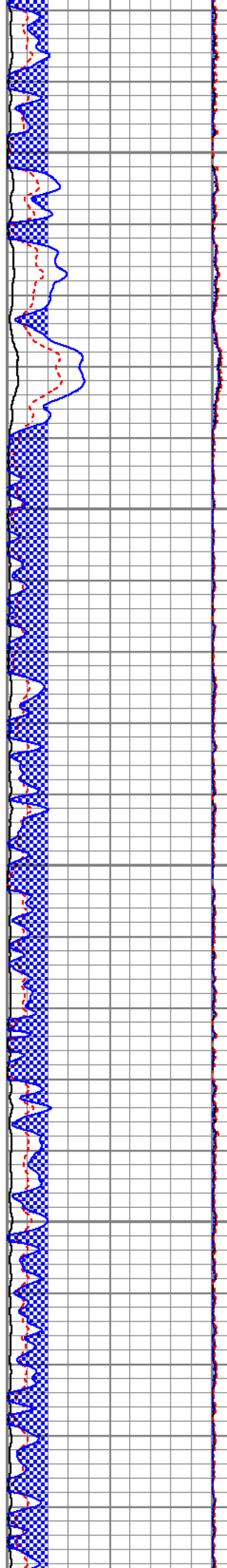


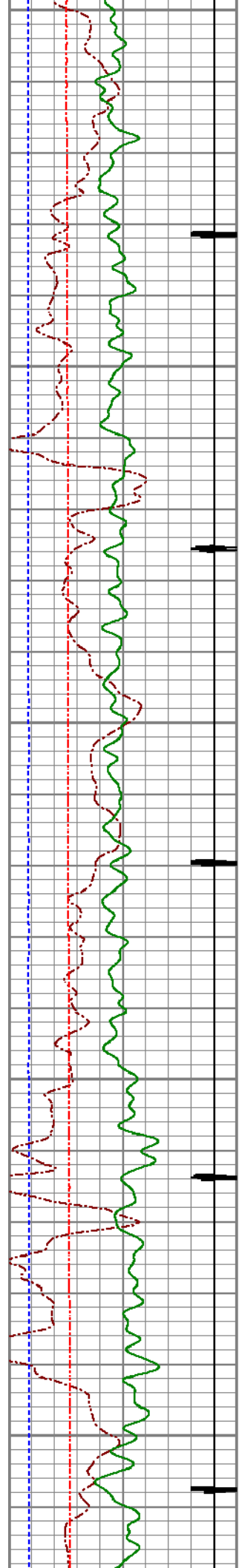
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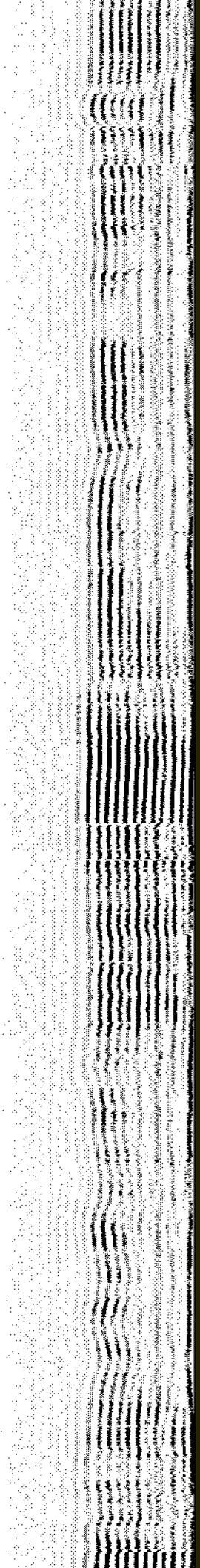
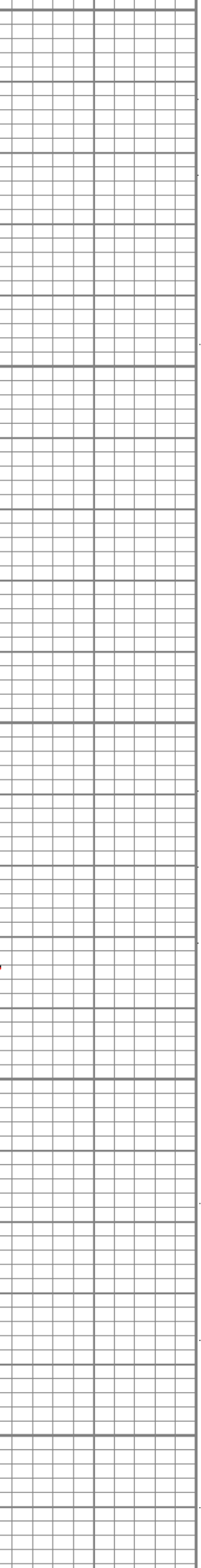
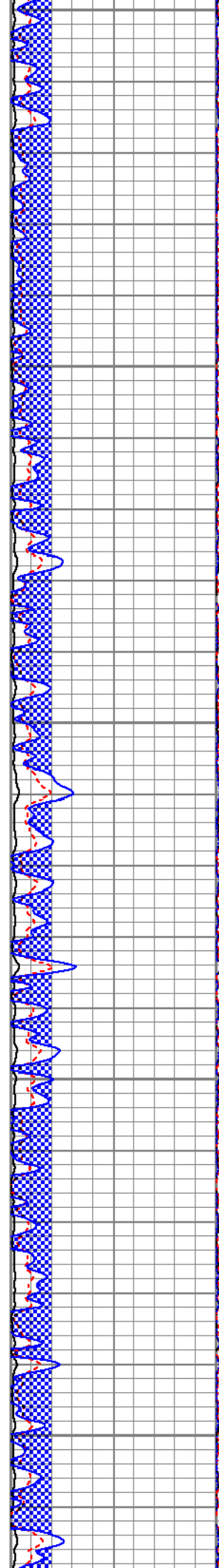
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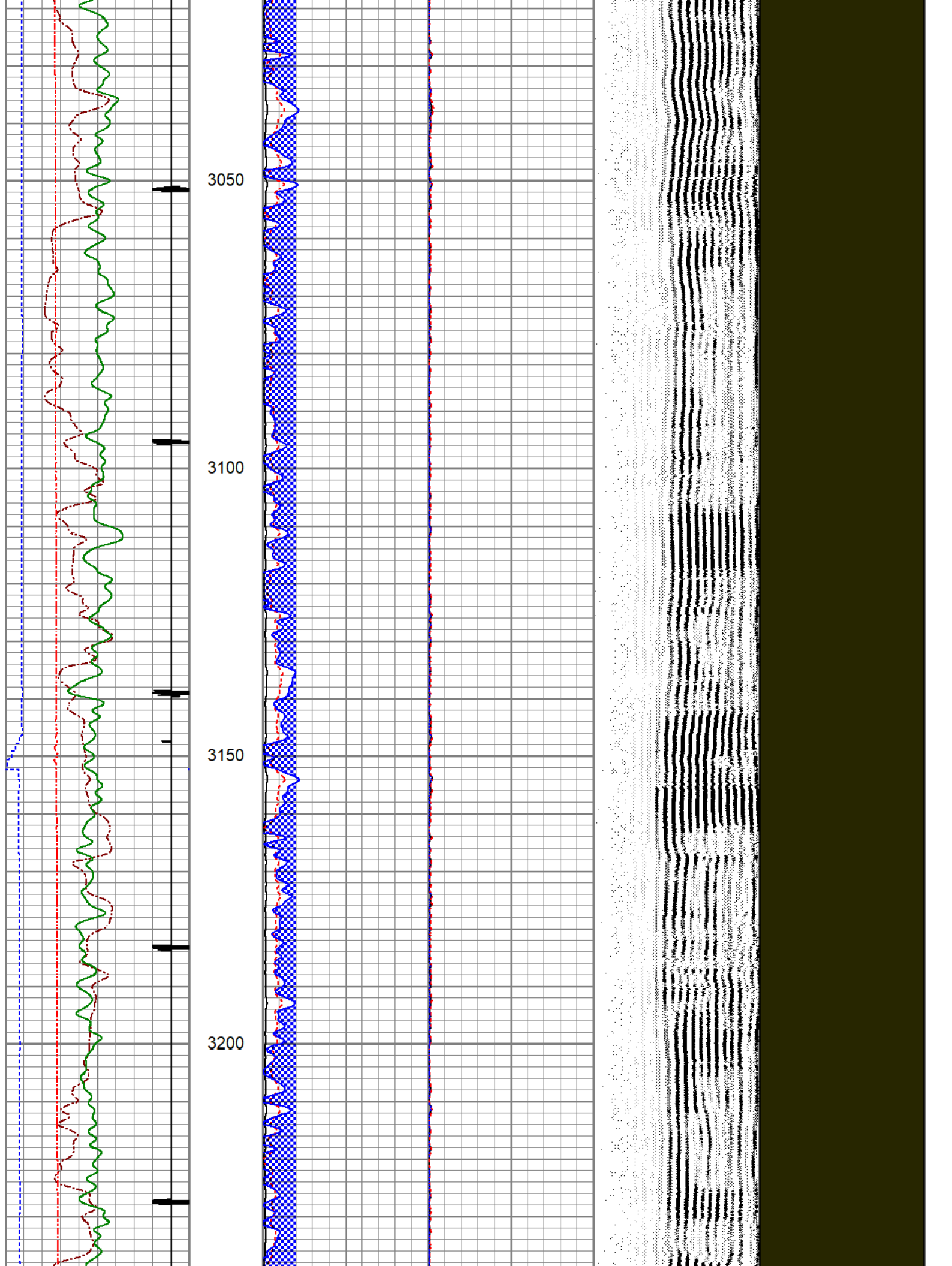
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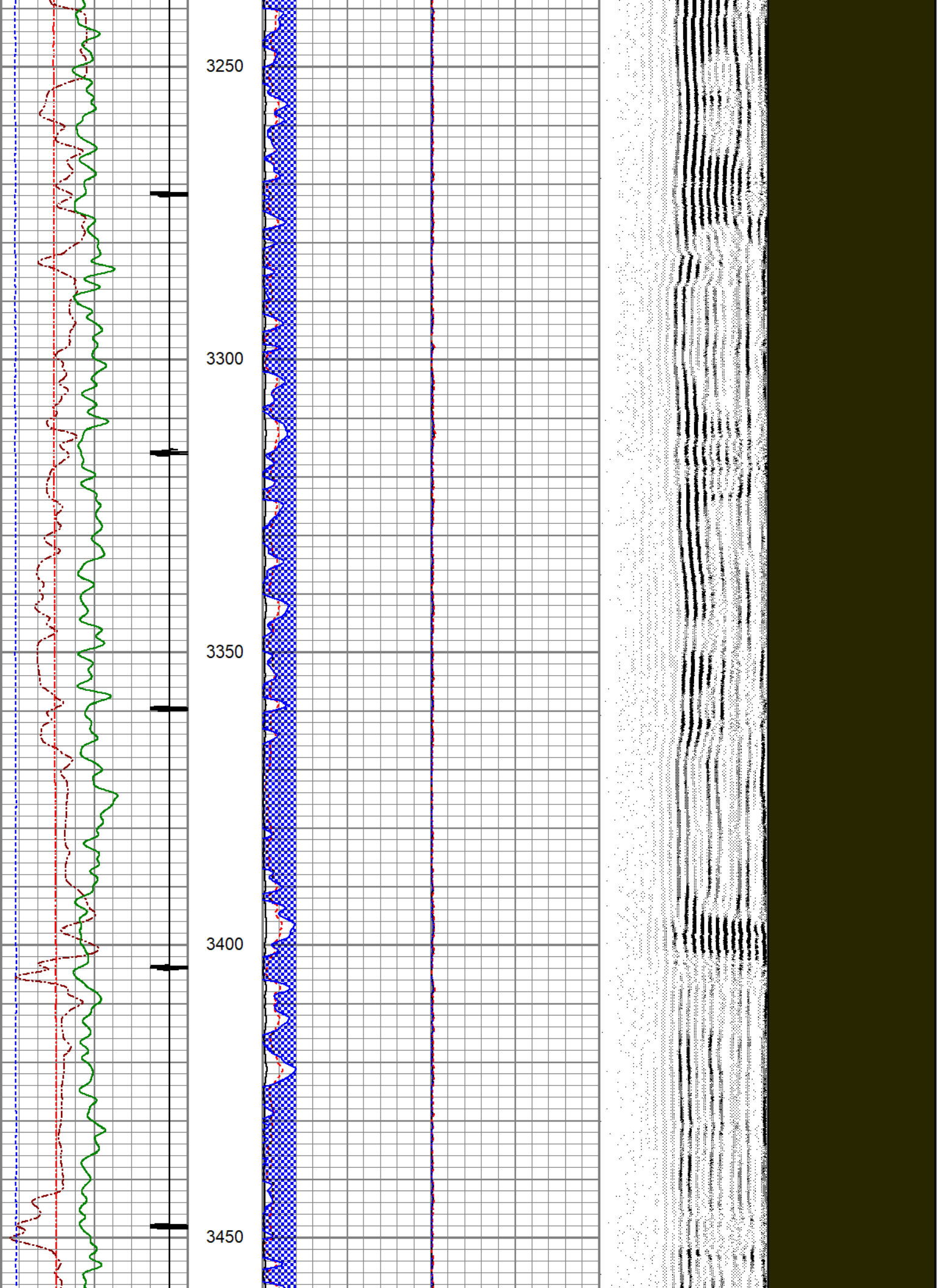
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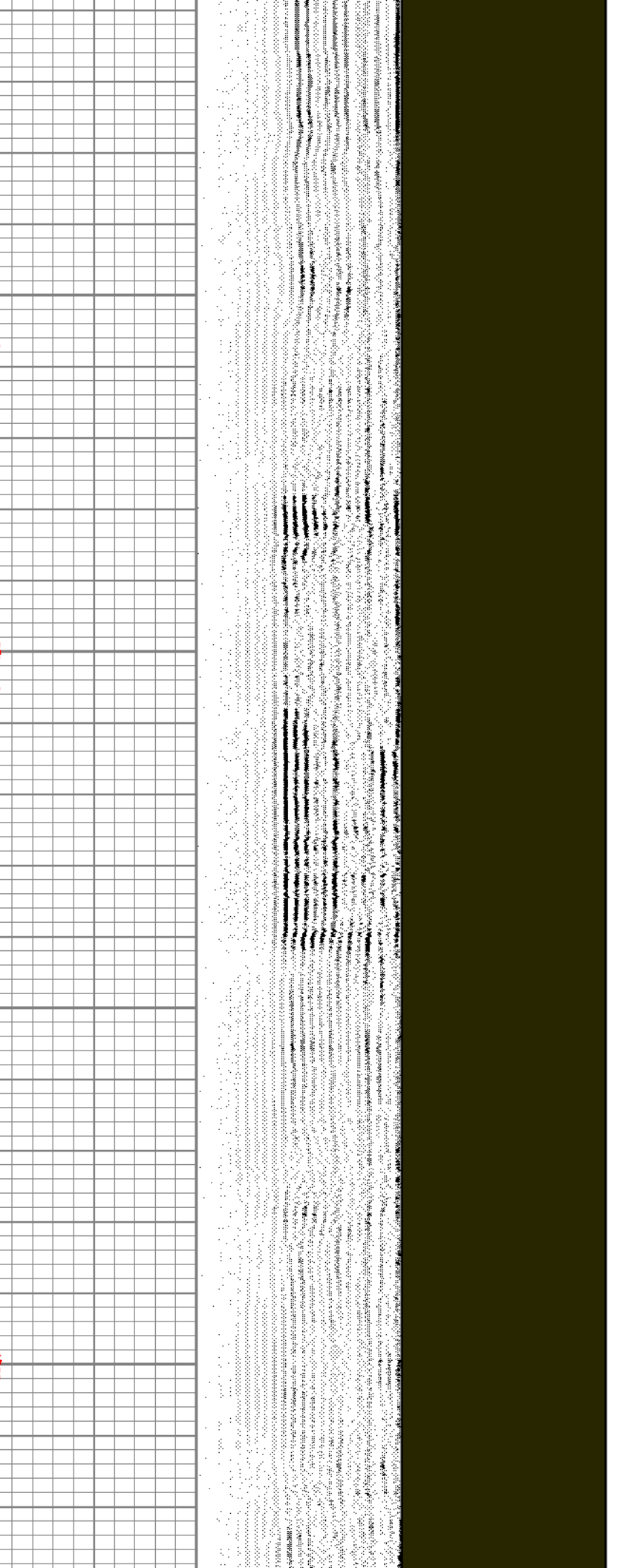
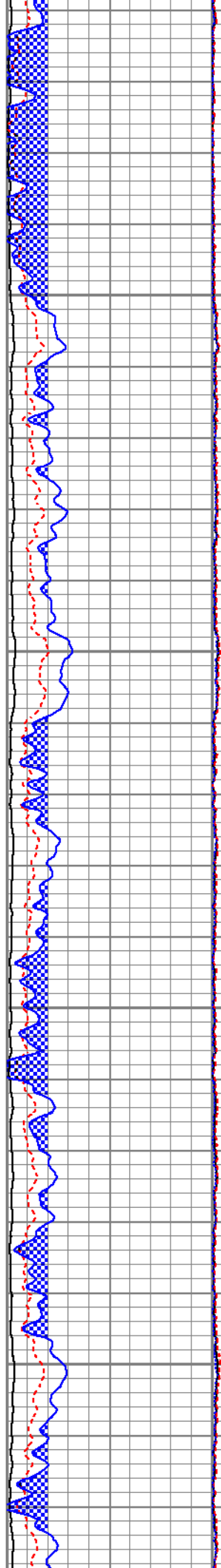
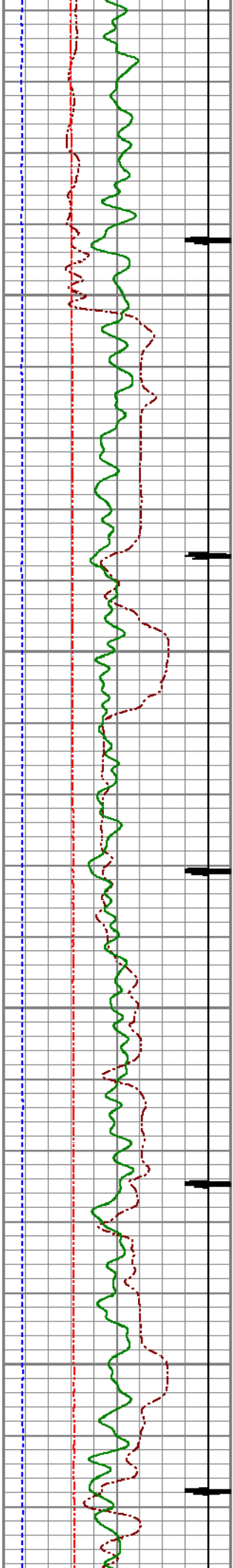


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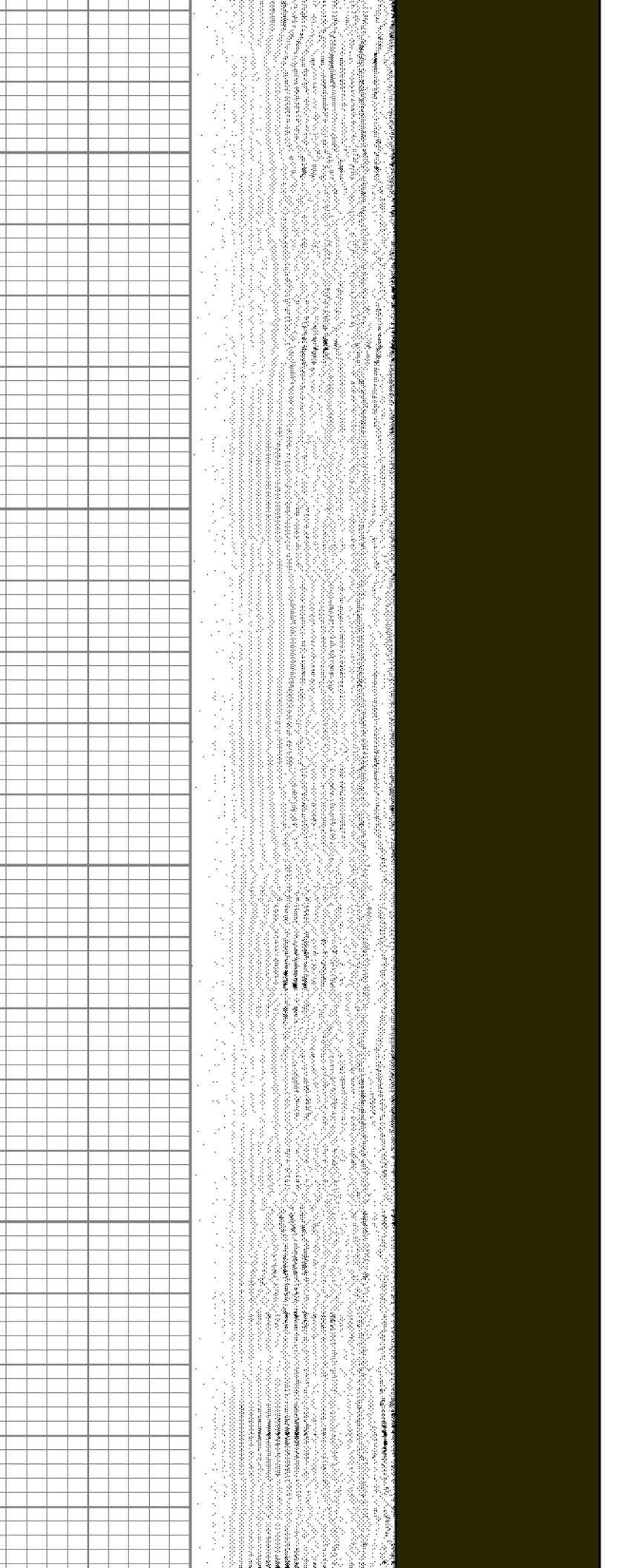
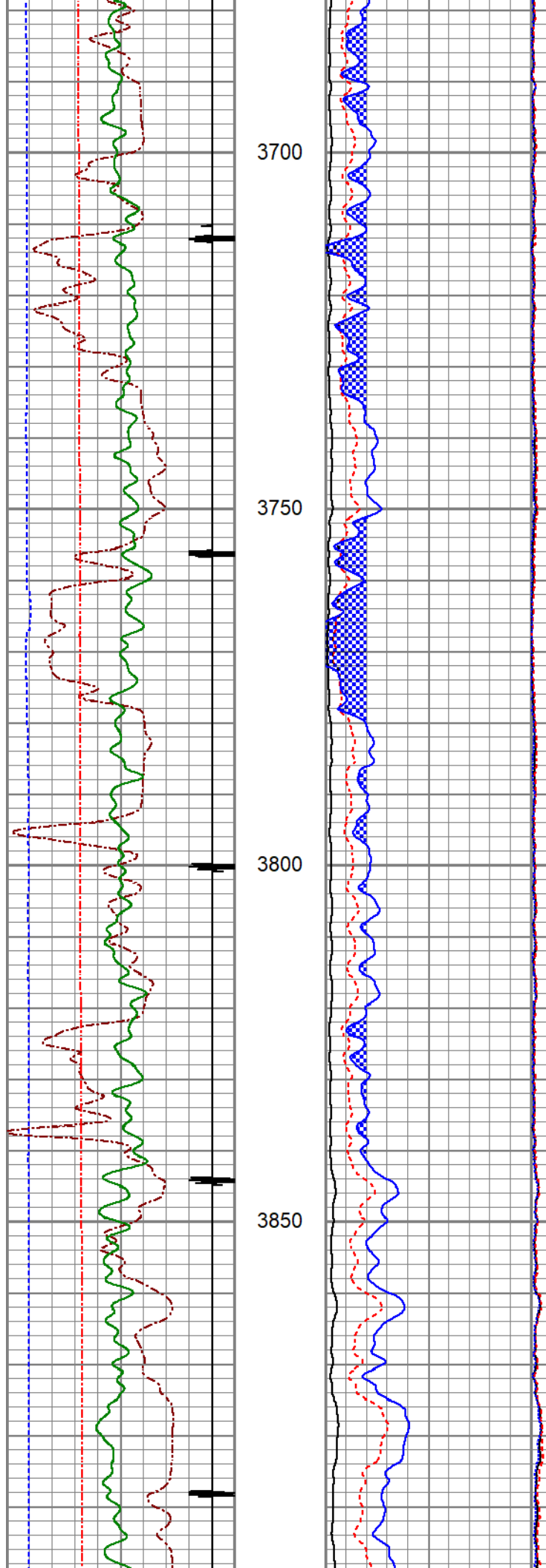


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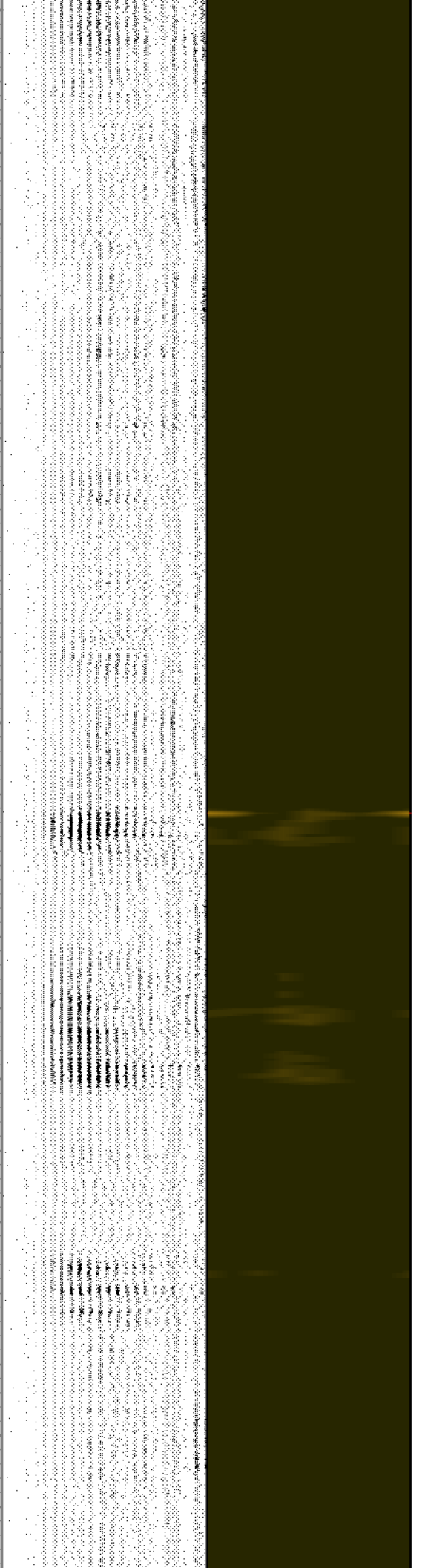
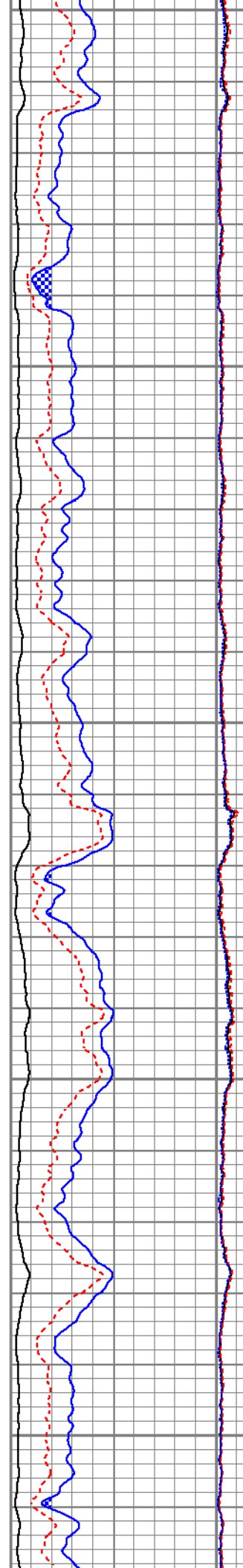
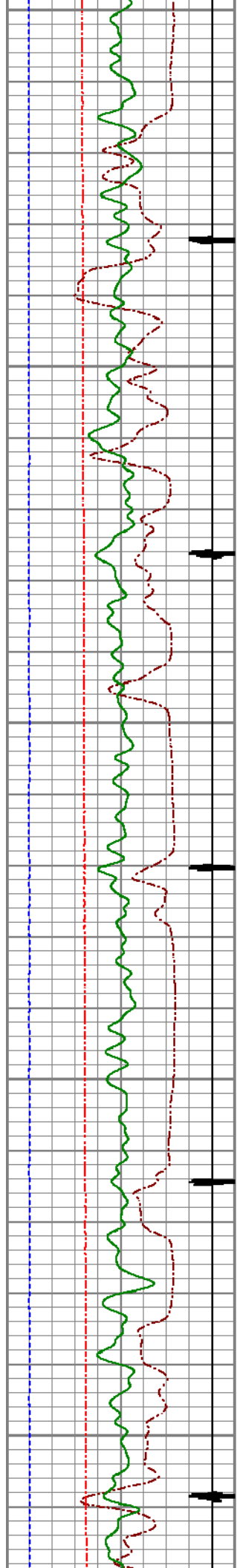
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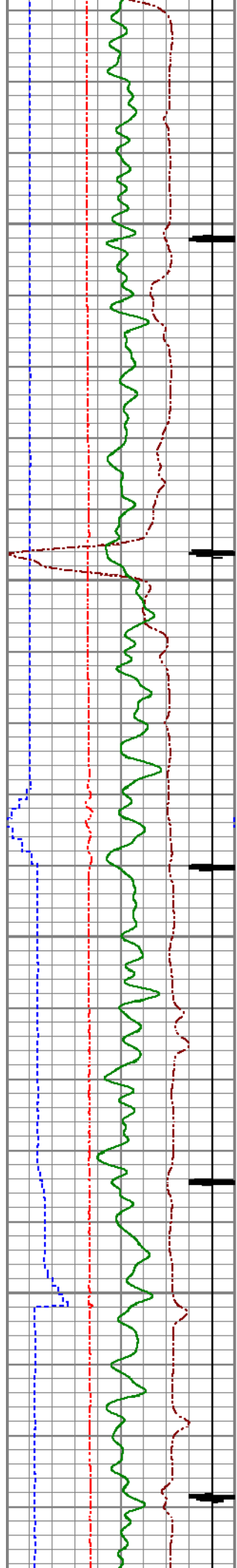
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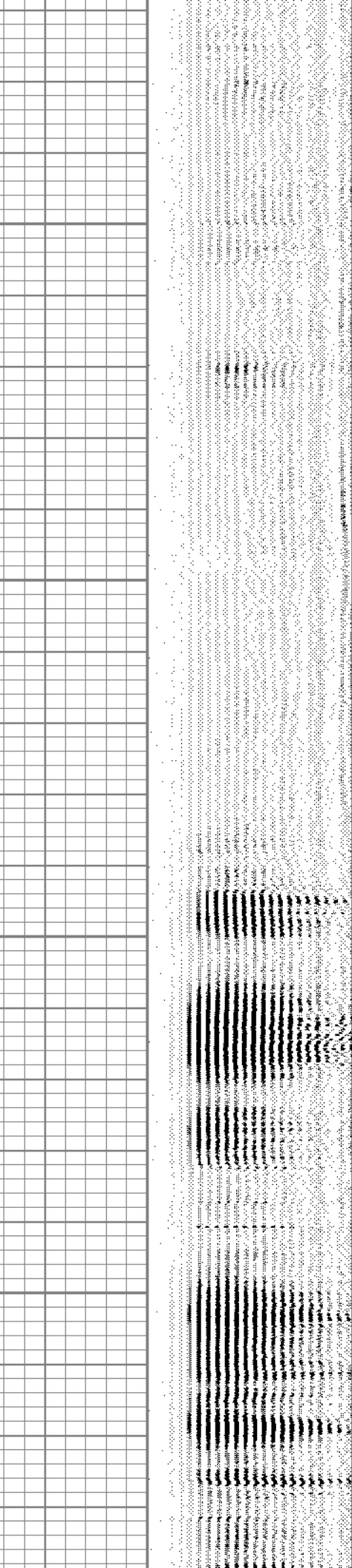
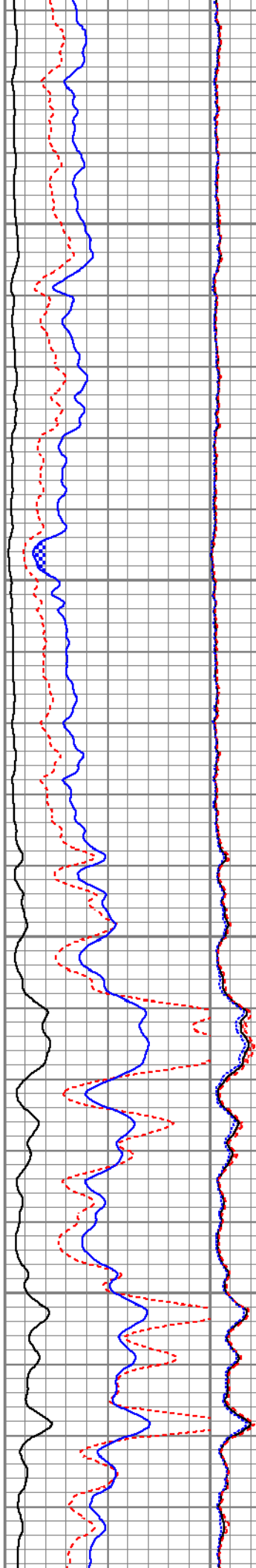


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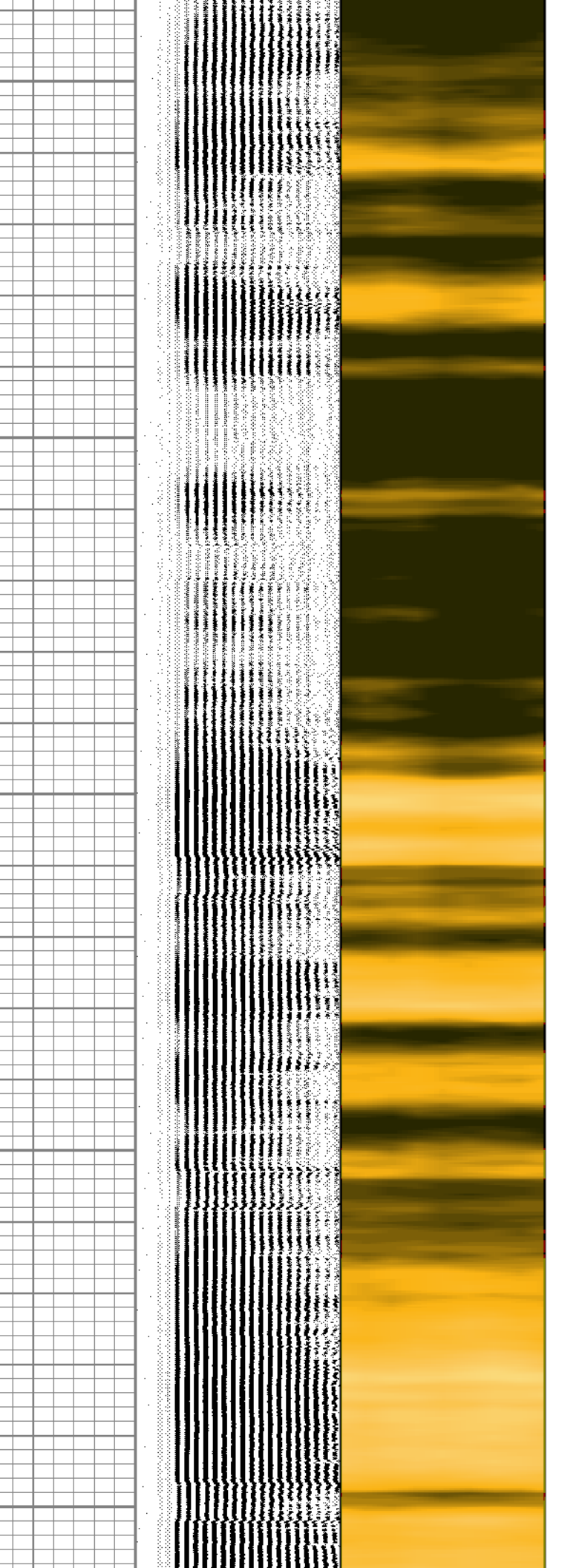
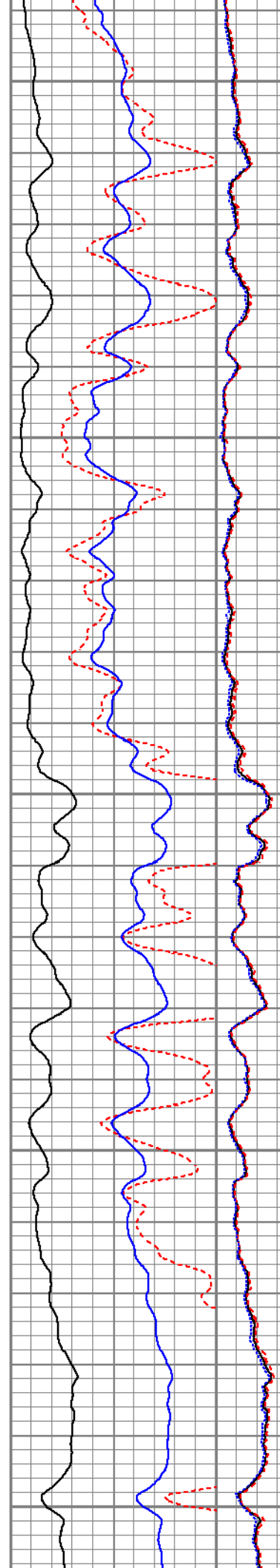
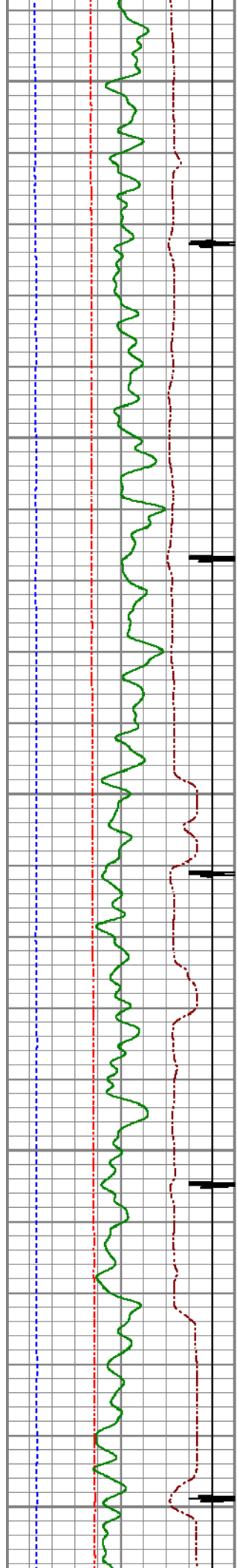
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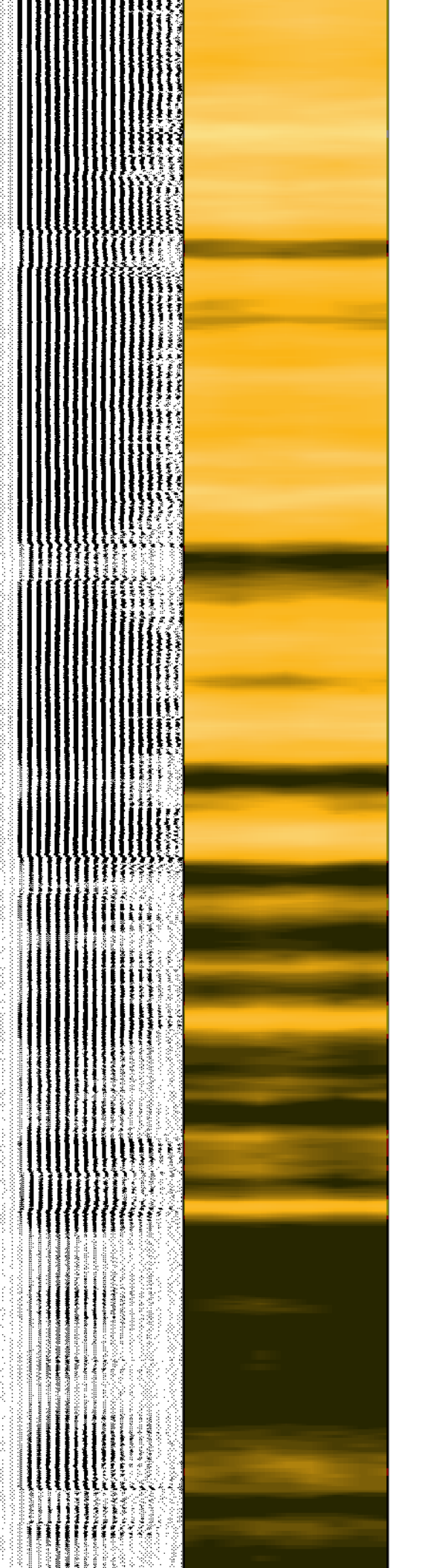
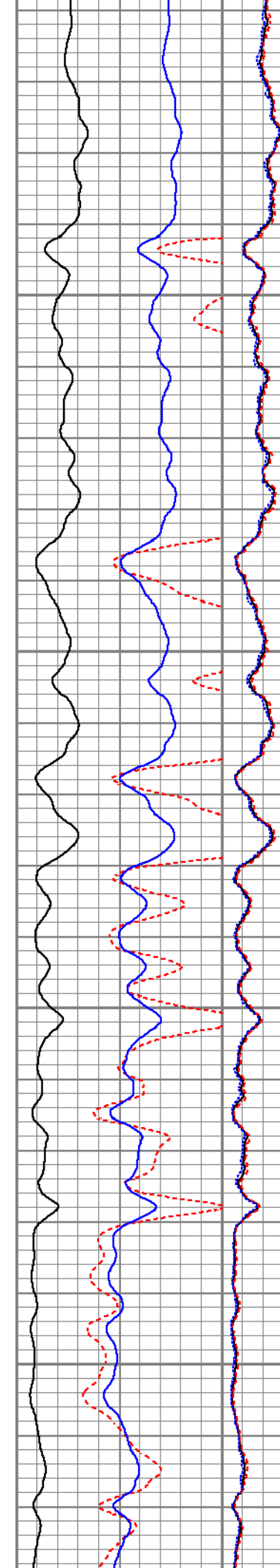
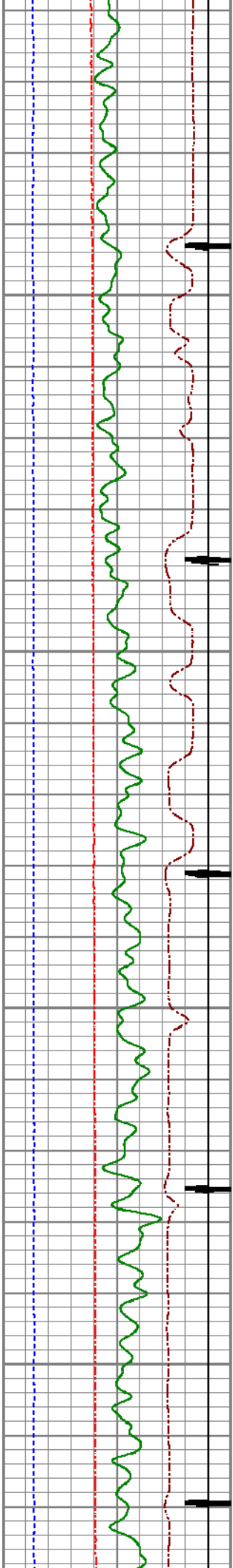


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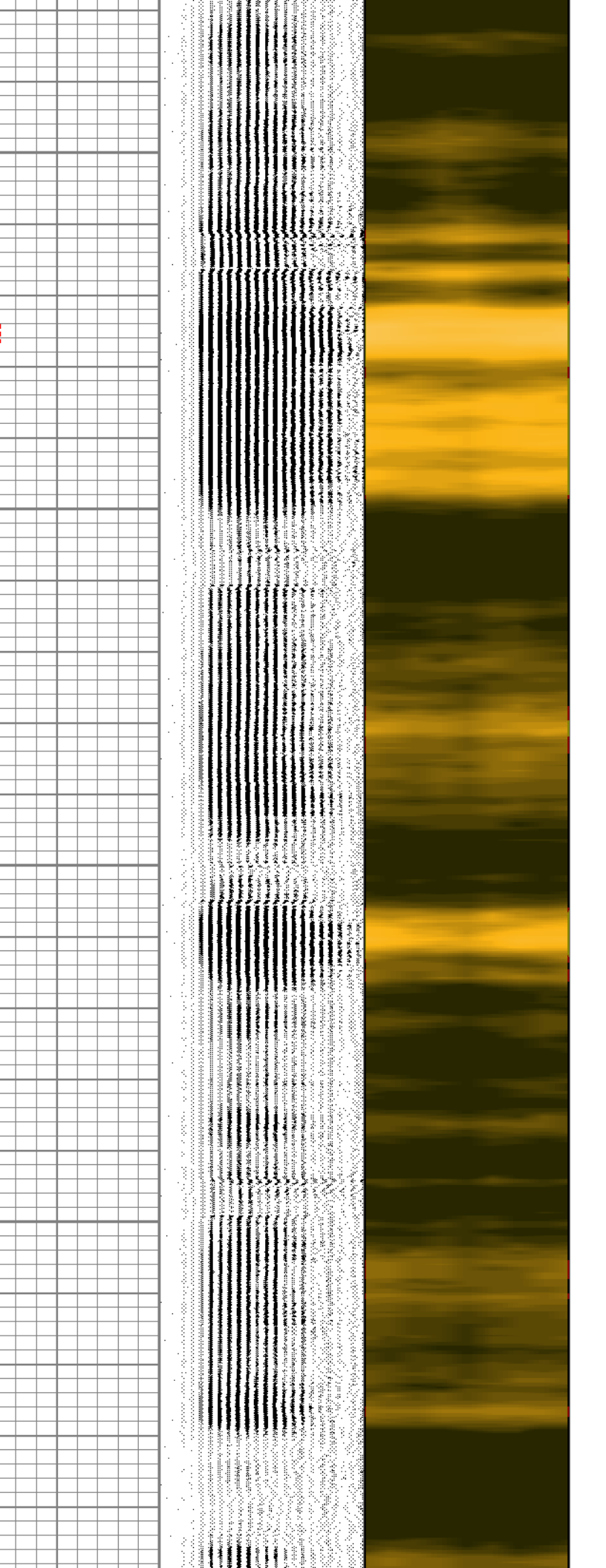
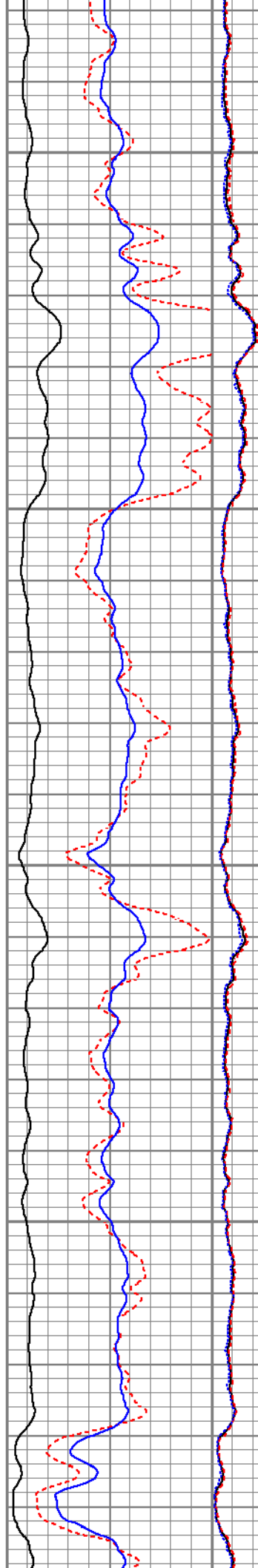
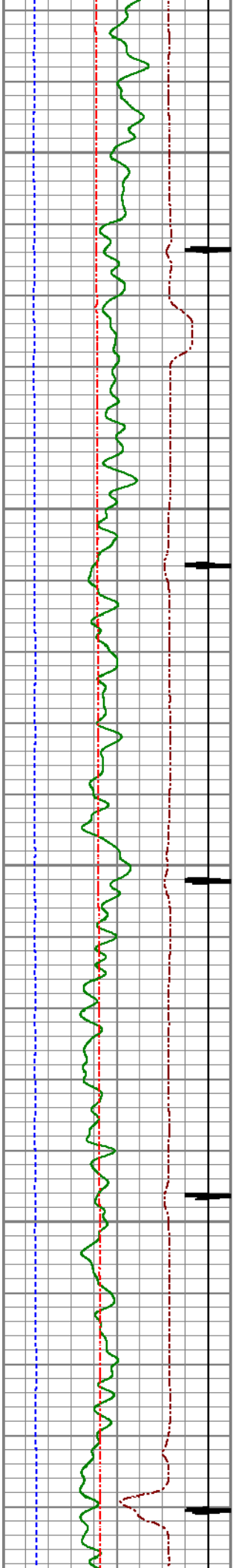


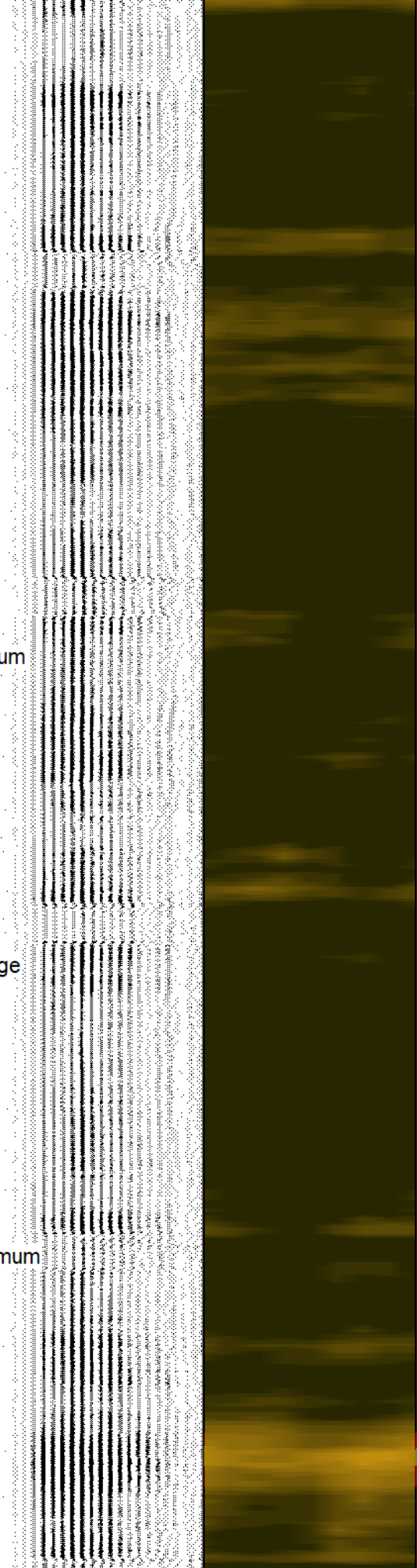
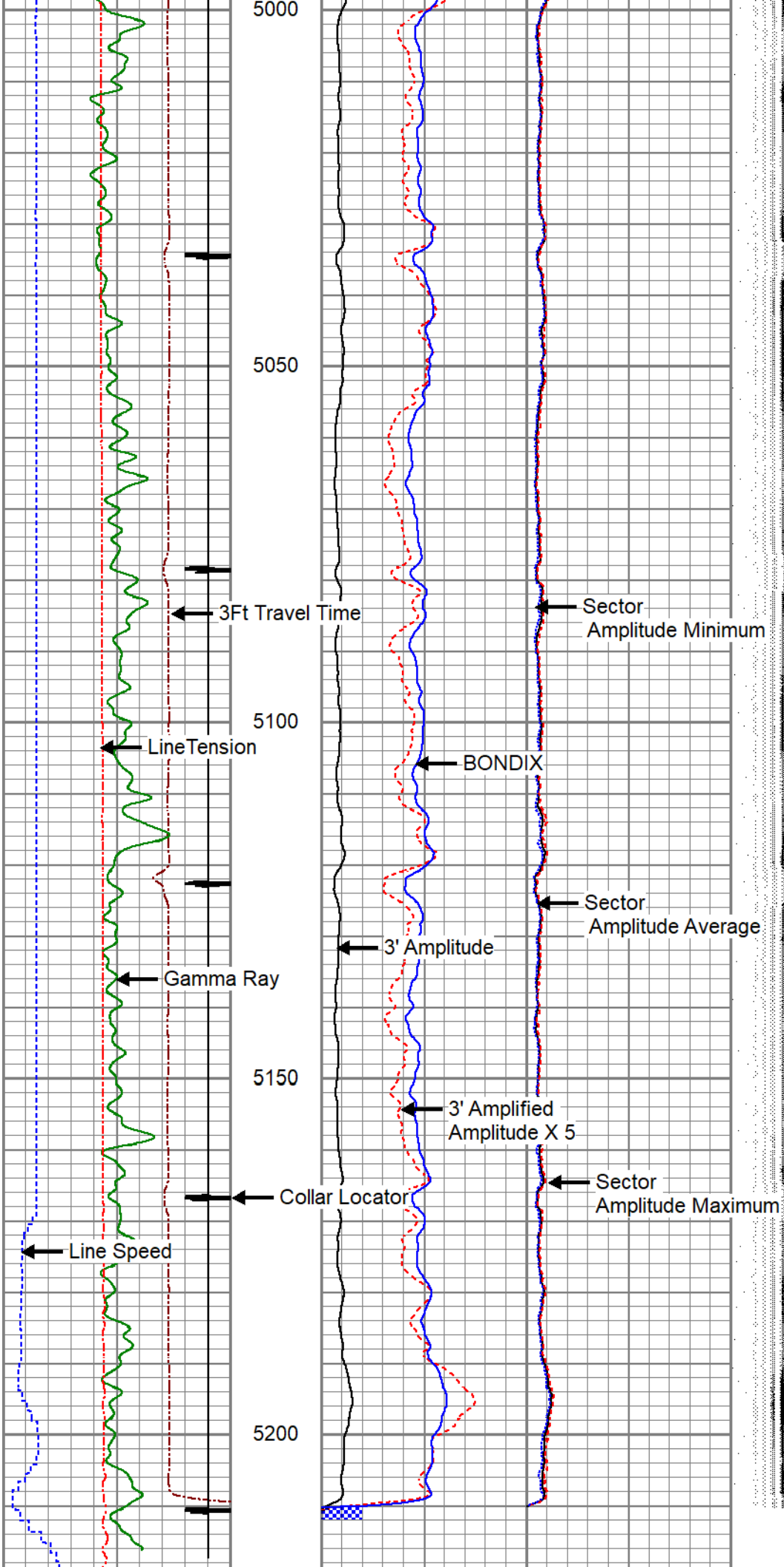
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4850

4900

4950





3Ft Travel Time 575 (usec) 175		3' Amplitude 0 (mV) 100	Sector Amplitude Average	200 (usec) 1200	1 Sector Map 8
-9 Collar Locator 1		3' Amplified Amplitude X 5	0 150		
Gamma Ray 0 (GAPI) 150		0 (mV) 20	Sector Amplitude Maximum		
LineTension 0 (lb) 2000		1 BONDIX 0	0 150		
Line Speed -100 (ft/min) 100			Sector Amplitude Minimum	0 150	

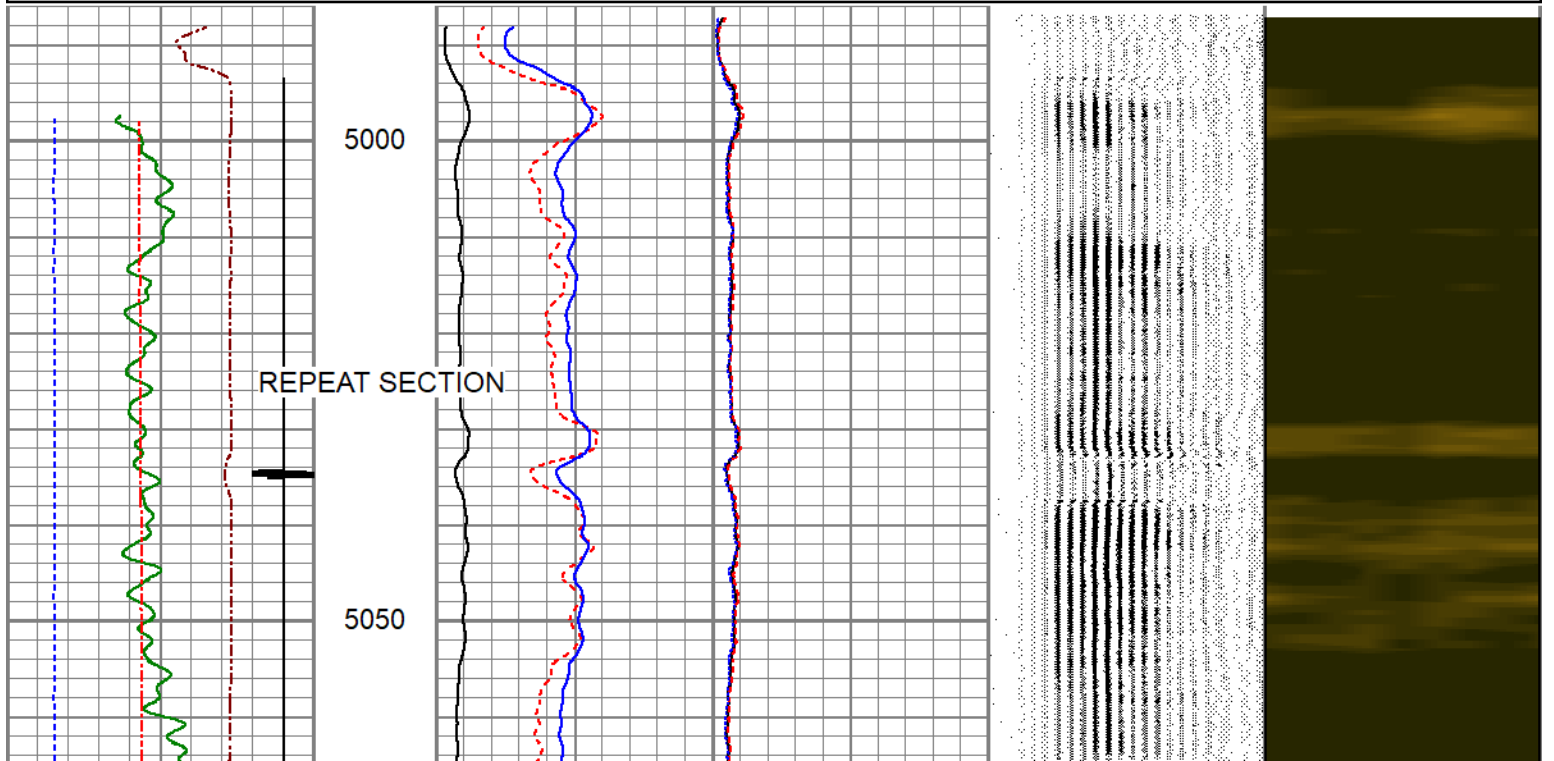
**AXIS ENERGY SERVICES**

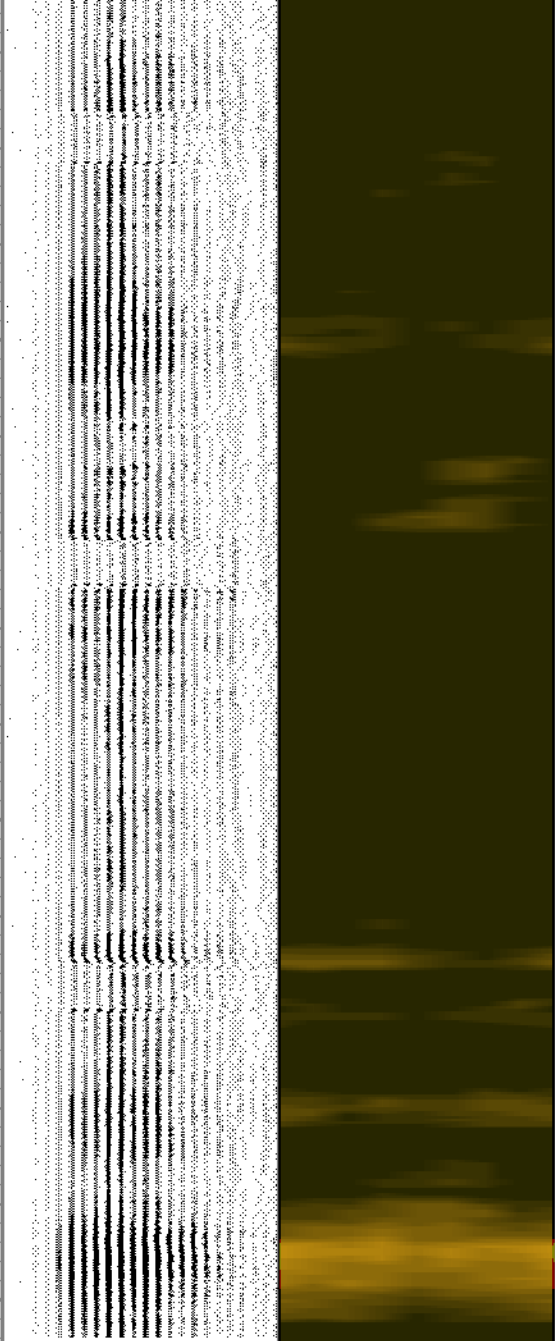
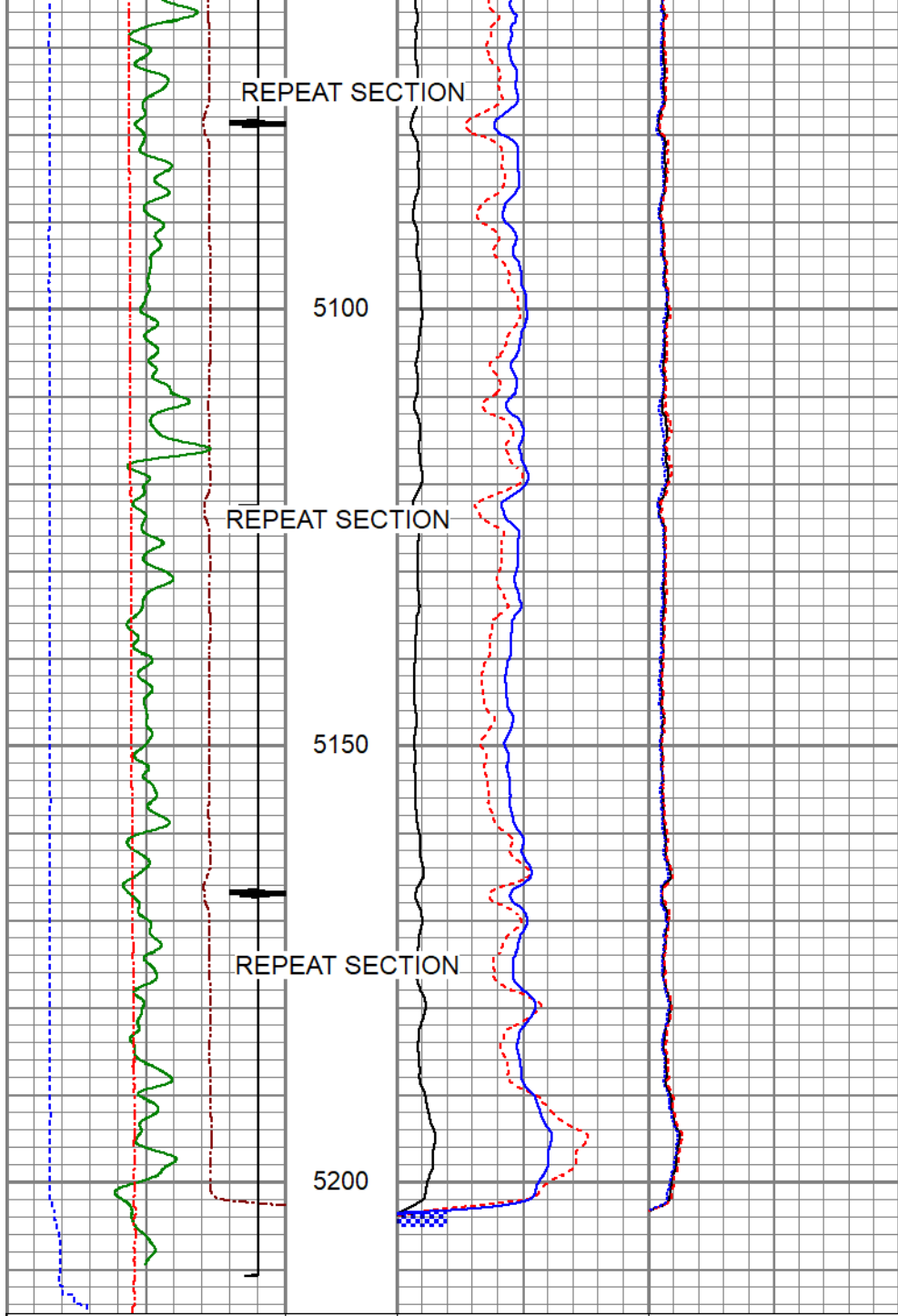
## REPEAT SECTION

ZERO PSI APPLIED AT SURFACE

Database File oxy\_dry creek fed 41-27\_rcbl\_6-21-24.db  
 Dataset Pathname pass1  
 Presentation Format pinr\_scbl  
 Dataset Creation Fri Jun 21 13:45:08 2024  
 Charted by Depth in Feet scaled 1:240

3Ft Travel Time 575 (usec) 175		3' Amplitude 0 (mV) 100	Sector Amplitude Average	200 (usec) 1200	1 Sector Map 8
-9 Collar Locator 1		3' Amplified Amplitude X 5	0 150		
Gamma Ray 0 (GAPI) 150		0 (mV) 20	Sector Amplitude Maximum		
LineTension 0 (lb) 2000		1 BONDIX 0	0 150		
Line Speed -100 (ft/min) 100			Sector Amplitude Minimum	0 150	





3Ft Travel Time 575 (usec) 175	3' Amplitude 0 (mV) 100	Sector Amplitude Average 0 150	VDL 200 (usec) 1200	1 Sector Map 8
-9 Collar Locator 1	3' Amplified Amplitude X 5 0 (mV) 20	Sector Amplitude Maximum 0 150		
Gamma Ray (GAPI) 150	1 BONDIX 0	Sector Amplitude Minimum 0 150		
Line Tension (lb) 2000				
Line Speed (ft/min) 100				

Calibration Report

Database File oxy\_dry creek fed 41-27\_rcbl\_6-21-24.db  
 Dataset Pathname merge1  
 Dataset Creation Fri Jun 21 15:05:35 2024

**Gamma Ray Calibration Report**

Serial Number: 140181  
 Tool Model: 275 Probe GCT  
 Performed: Tue Apr 11 10:14:32 2023

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps  
 Calibrator Reading: 1.0 cps

Sensitivity: 0.5500 GAPI/cps

**Segmented Cement Bond Log Calibration Report**

Serial Number: FW1304-34  
 Tool Model: RBL-DC

Calibration Casing Diameter: 4.500 in  
 Calibration Depth: -51.469 ft

Master Calibration, performed Fri Jun 21 12:43:20 2024:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.030	1.421	0.800	81.196	57.786	-0.924
CAL	1.578	1.560				
5'	0.026	1.162	0.800	81.196	70.734	-1.029
SUM						
S1	0.026	1.275	0.000	100.000	80.064	-2.114
S2	0.029	1.316	0.000	100.000	77.731	-2.280
S3	0.028	1.399	0.000	100.000	72.935	-2.041
S4	0.027	1.503	0.000	100.000	67.767	-1.851
S5	0.033	1.556	0.000	100.000	65.644	-2.152
S6	0.032	1.586	0.000	100.000	64.338	-2.070
S7	0.031	1.478	0.000	100.000	69.132	-2.160
S8	0.030	1.329	0.000	100.000	76.992	-2.304

Air Zero Calibration, performed Fri Jun 21 12:42:56 2024:

	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



Company ANADARKO PETROLEUM CORP  
 Well DRY CREEK FEDERAL 41-27  
 Field WATTENBERG



Field WATERBURY  
County WELD  
State CO