



**Gamma Ray C.C.L.
Cement Bond V.D.L.**

Company: Conoco Phillips
 Well: Tebo 1-1H
 Field: Wildcat
 County: Arapahoe
 State: Colorado
 Country: Colorado

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 Well: Tebo 1-1H
 Field: Wildcat
 County: Arapahoe
 State: Colorado
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Date	March 3, 2013	March 3, 2013	March 3, 2013
Run Number	One	Two	Three
Depth Driller	11900	11900	11900
Depth Logger	6928	6928	6928
Bottom Logged Interval	6926	6926	6926
Top Log Interval	Surface	6700	2623
Open Hole Size	8.75	8.75	8.75
Type Fluid	Water	Water	Water
Density / Viscosity	8.33 ppg	8.33 ppg	8.33 ppg
Max. Recorded Temp.	Not Recorded	Not Recorded	Not Recorded
Estimated Cement Top	3123	3123	3123
Time Well Ready	On Arrival	On Arrival	On Arrival
Time Logger on Bottom	12:45	14:30	15:00
Equipment Number	1	1	1
Location	Fort Morgan	Fort Morgan	Fort Morgan
Recorded By	Scott Diznang	Scott Diznang	Scott Diznang
Witnessed By	Tom Gregory	Tom Gregory	Tom Gregory
Borehole Record			
Run Number	Bit	From	To
Tubing Record			
Run Number	Bit	From	To
Casing Record	Size	Wgt/Ft	Top
Surface String	9.625"	36#	0
Prot. String	7"	32#	0
Production String	4.5"	13.5#	6945
Liner	4.5"	13.5#	11900

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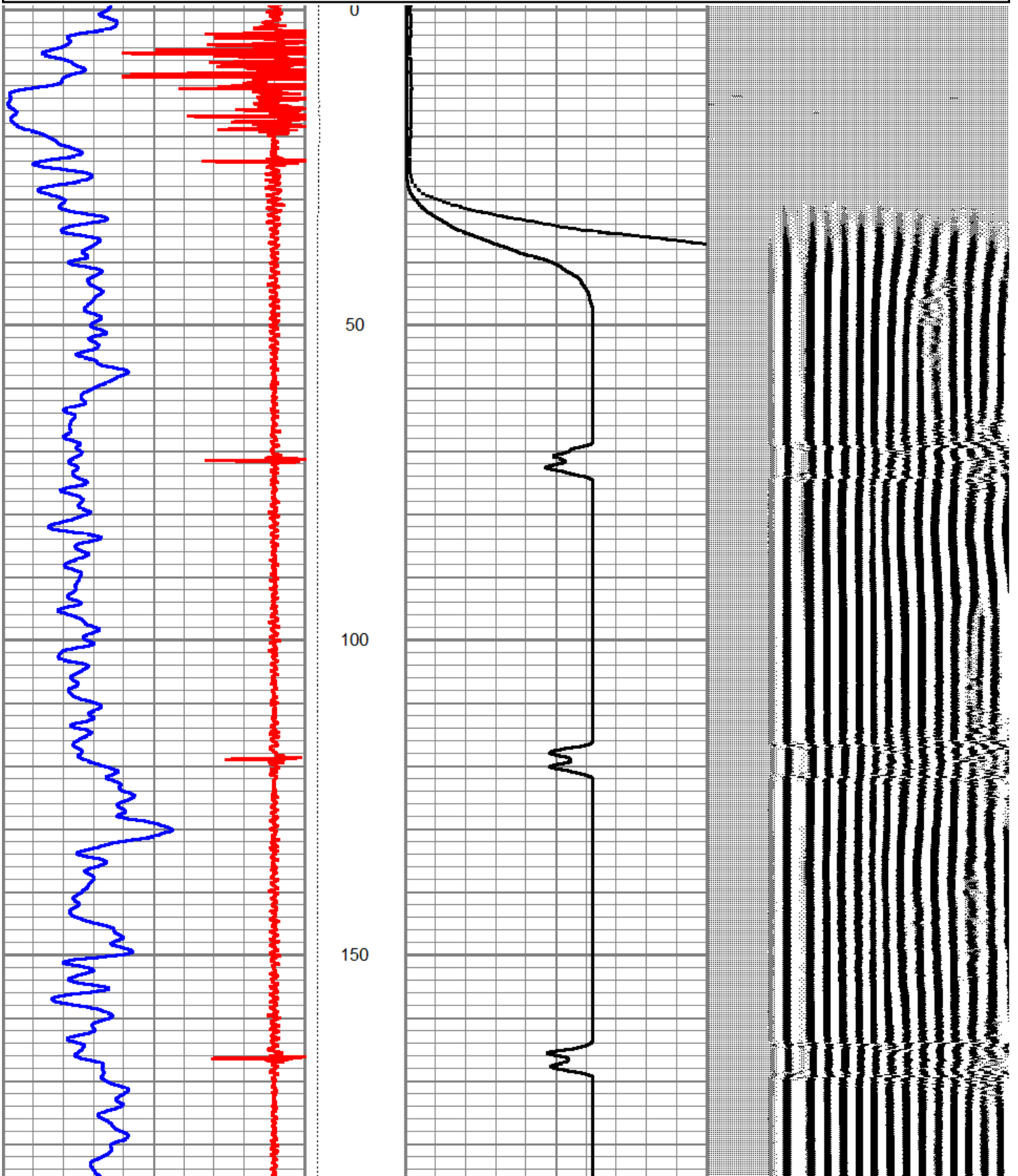
All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Pioneer Wireline Services, LLC will not be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees.

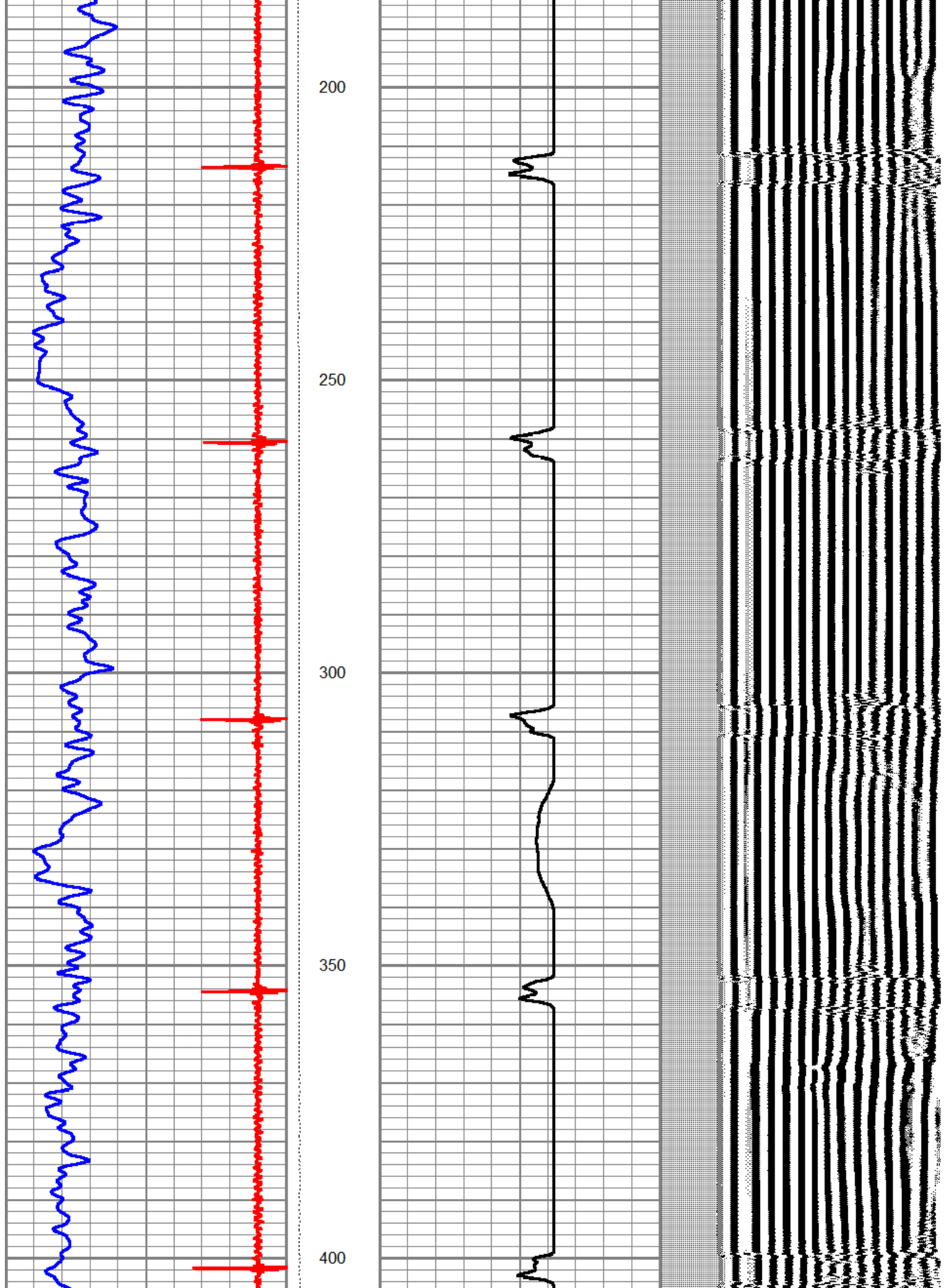
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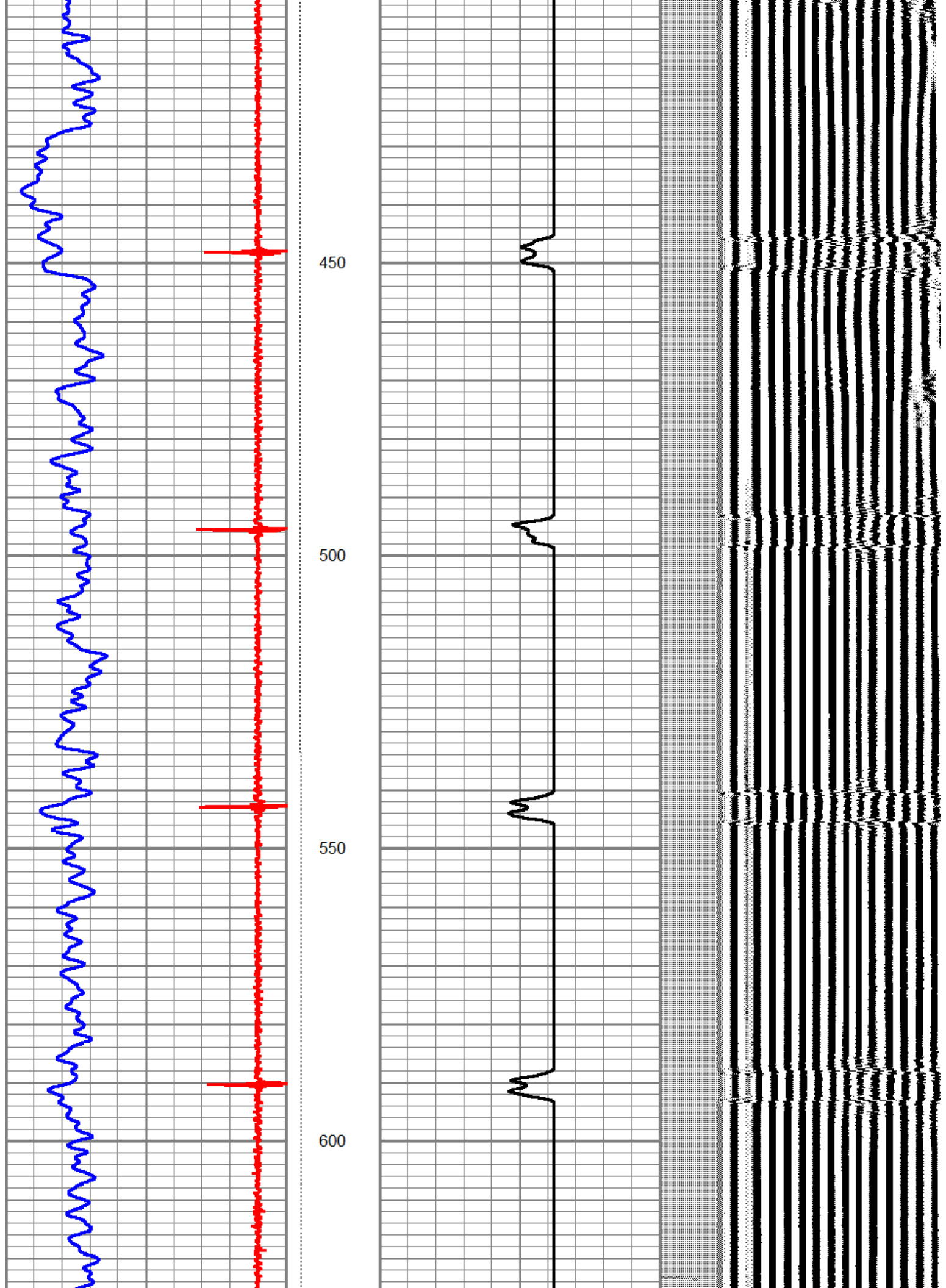
SO# 2-203578

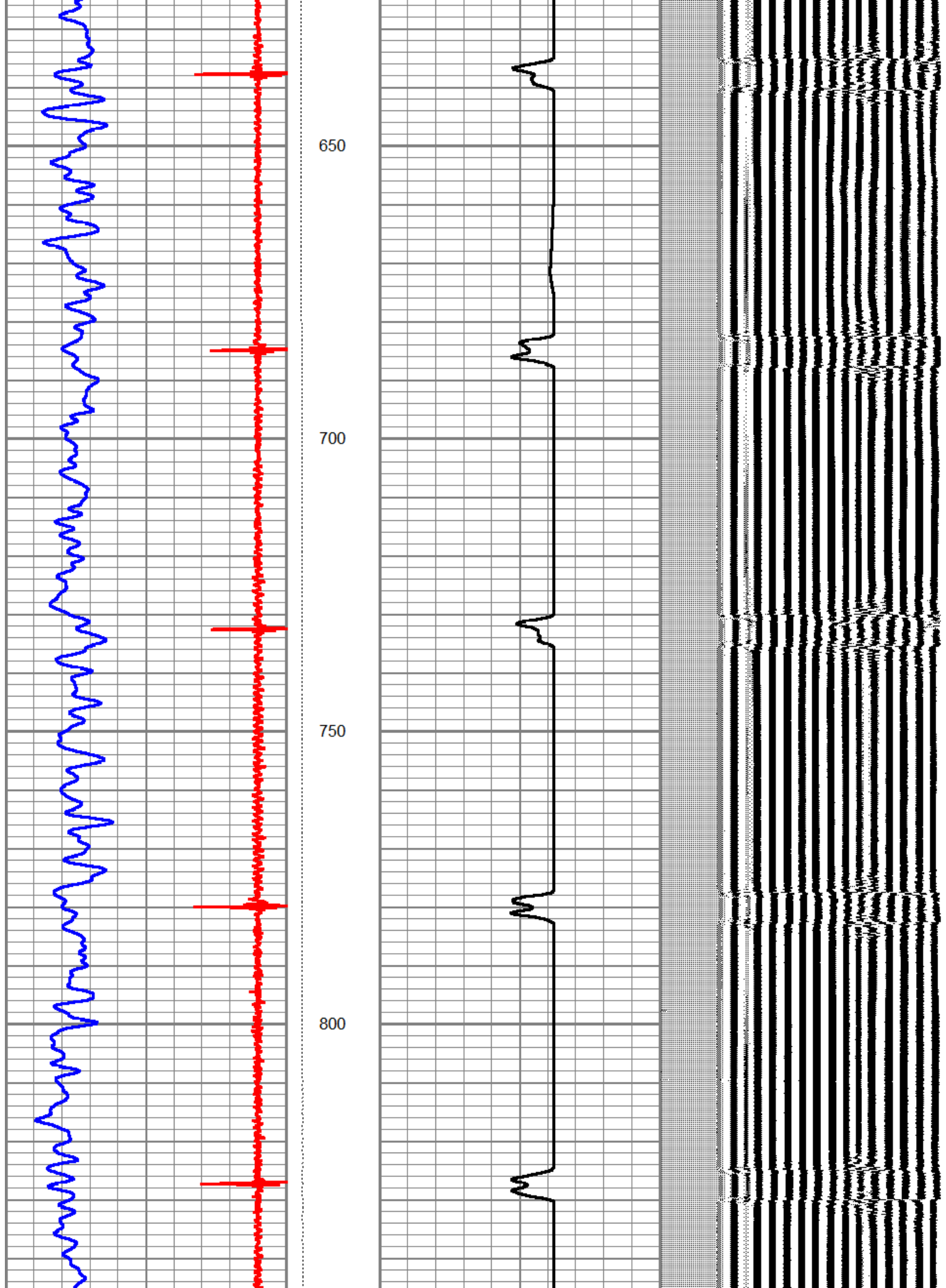
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 Presentation Format: cbl_dr
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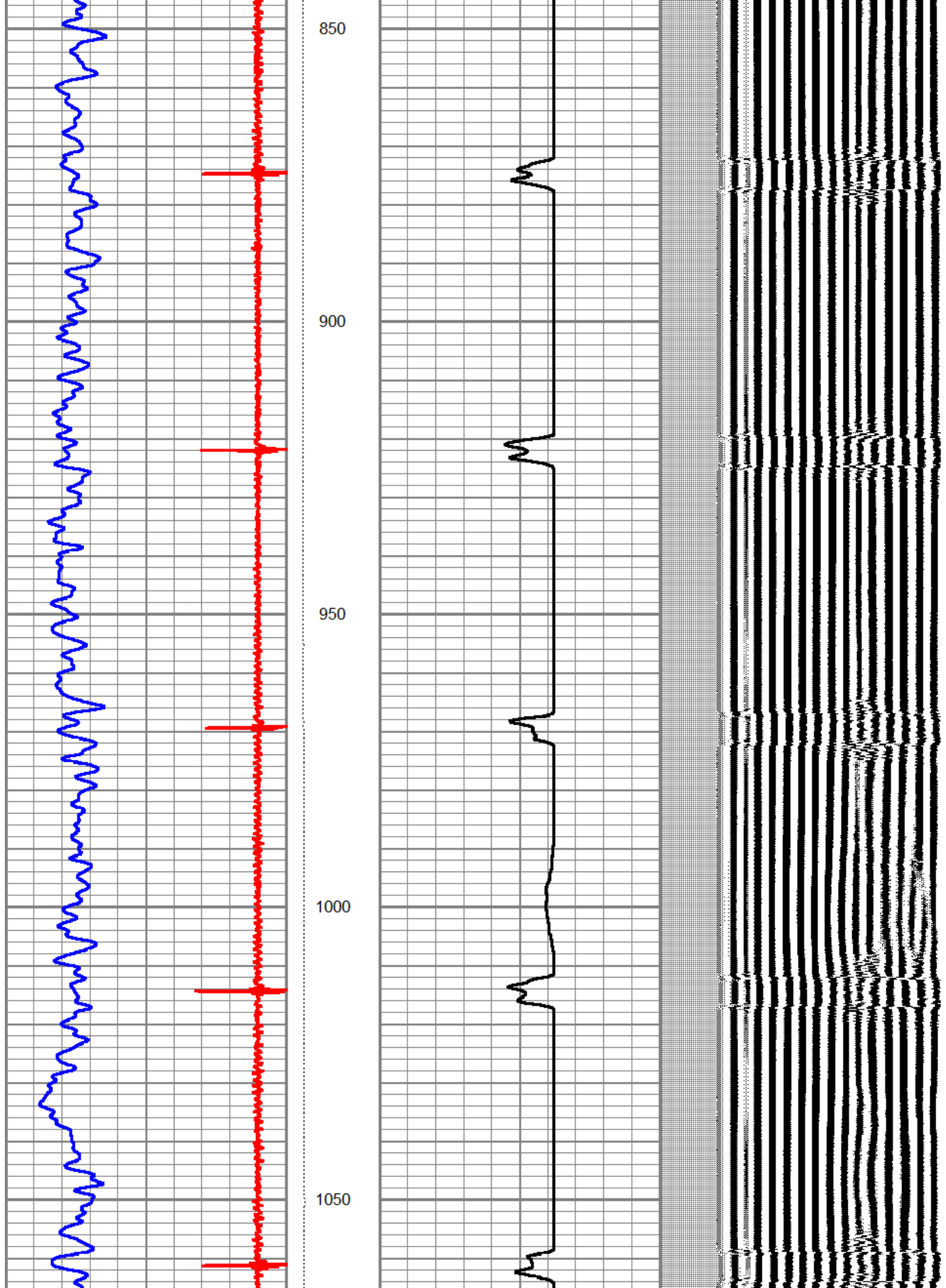
9	Collar Locator	-1	LTEN	0	Amplified Amplitude (mV)	30	200	Variable Density	1200
0	Gamma Ray (GAPI)	200	(lb/2000)	0	Amplitude (mV)	100			

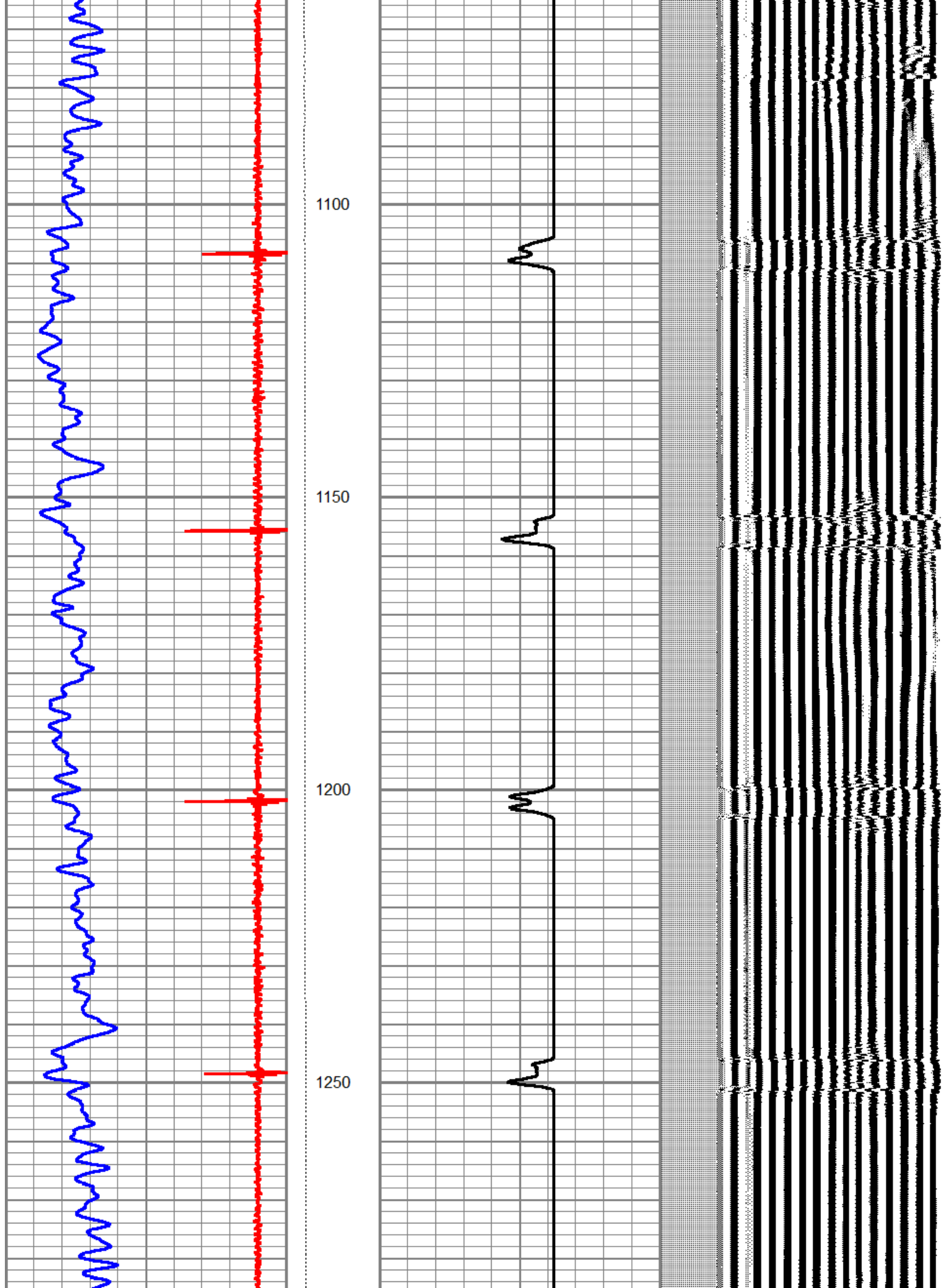


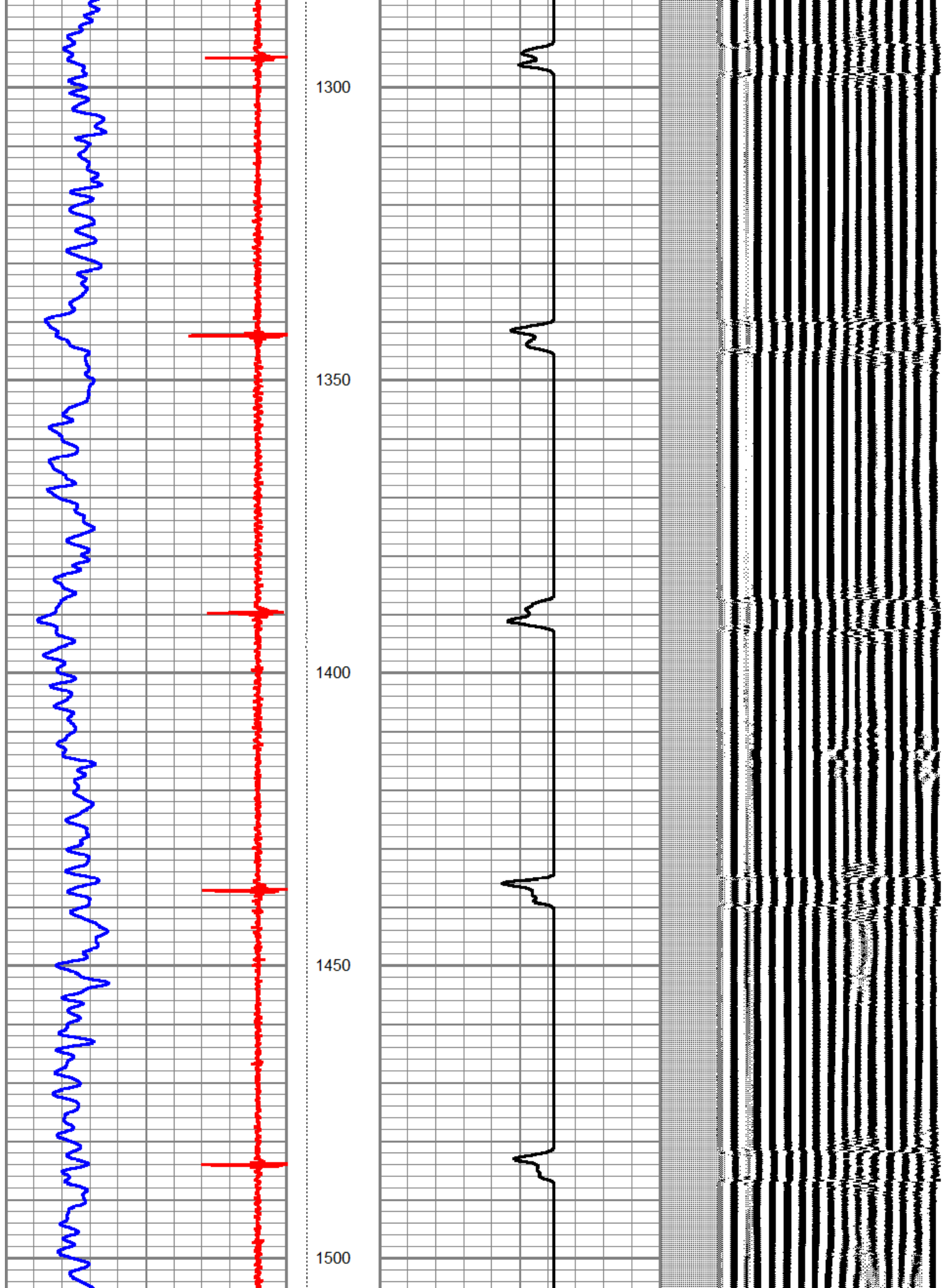


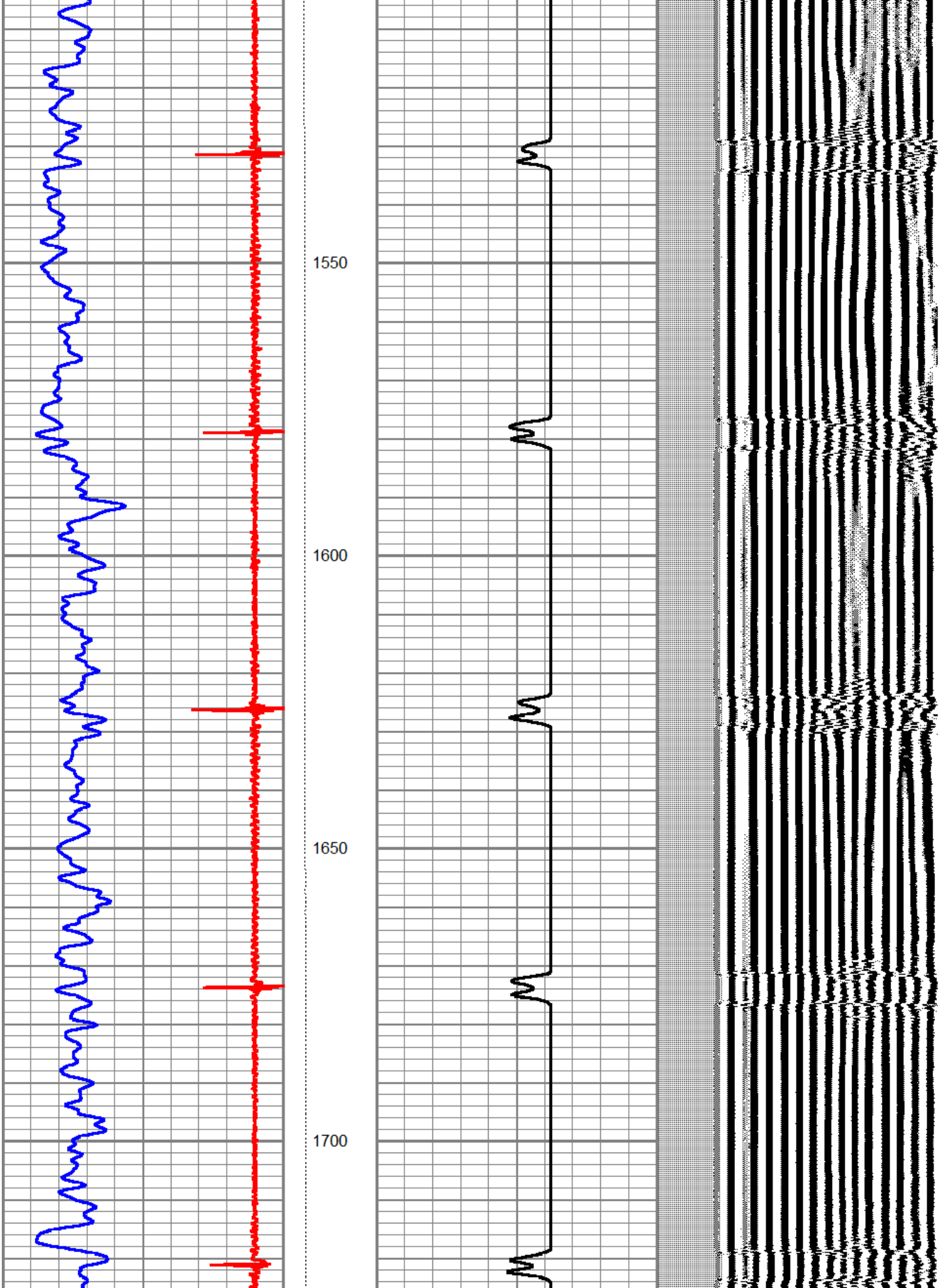


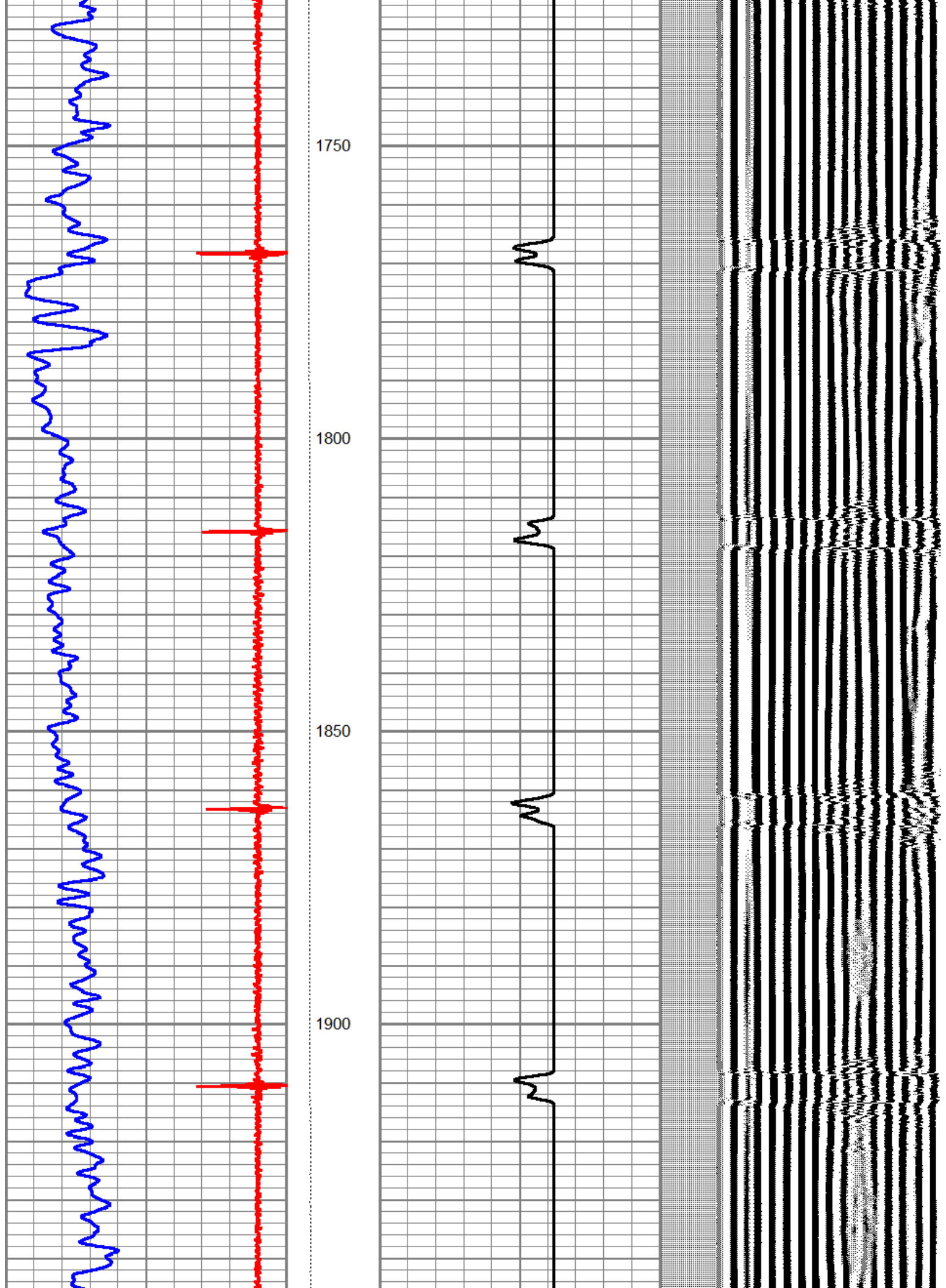


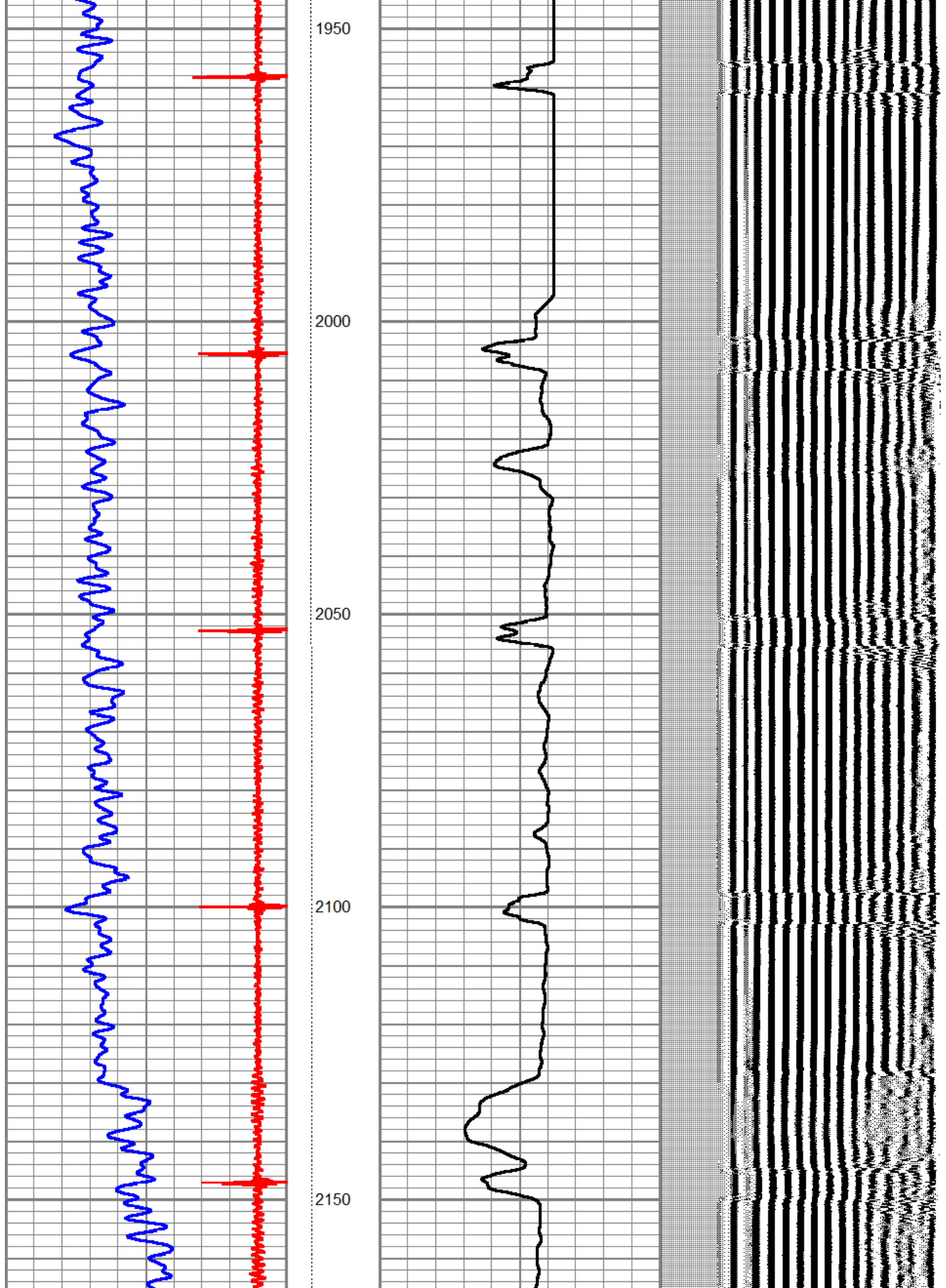


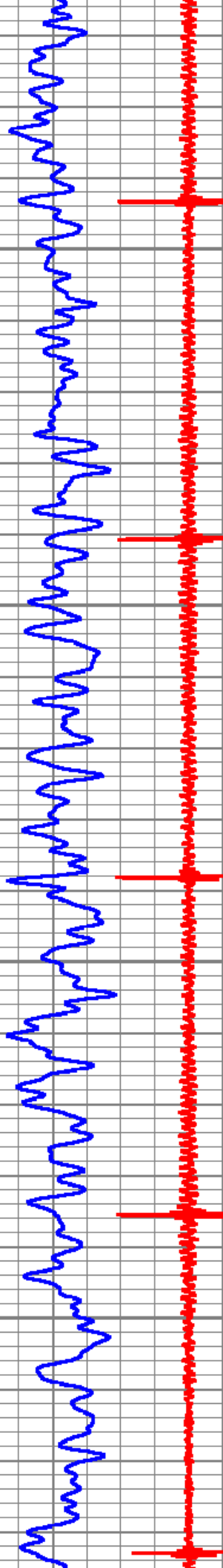










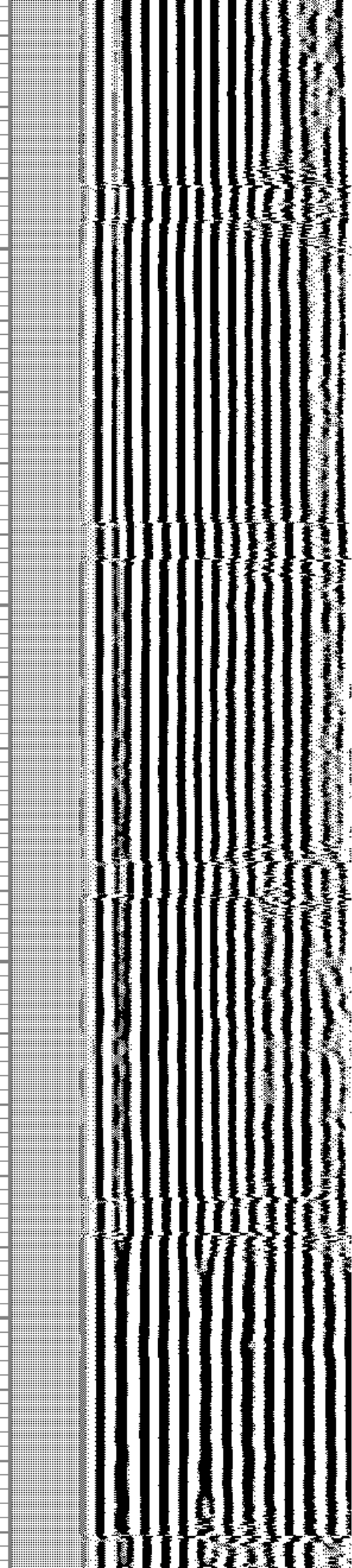


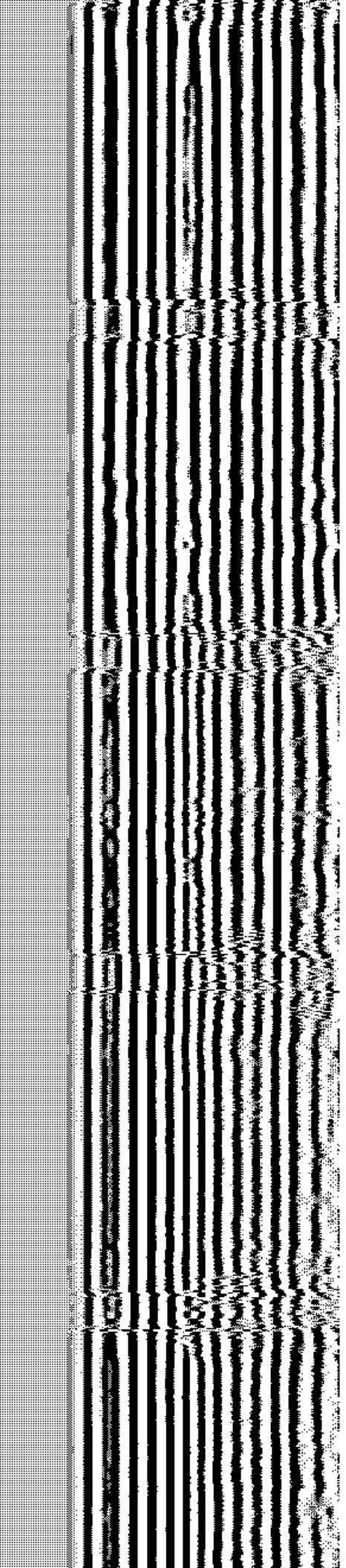
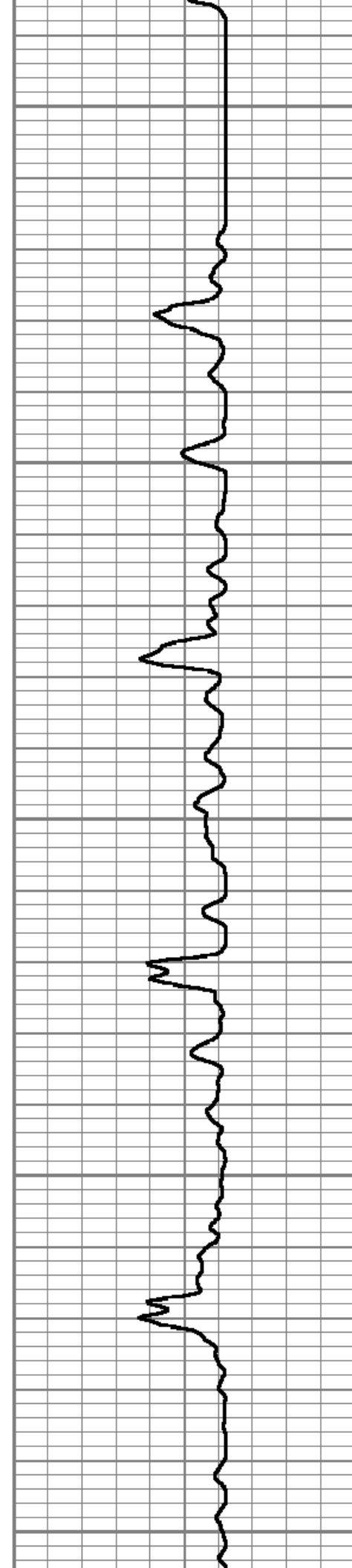
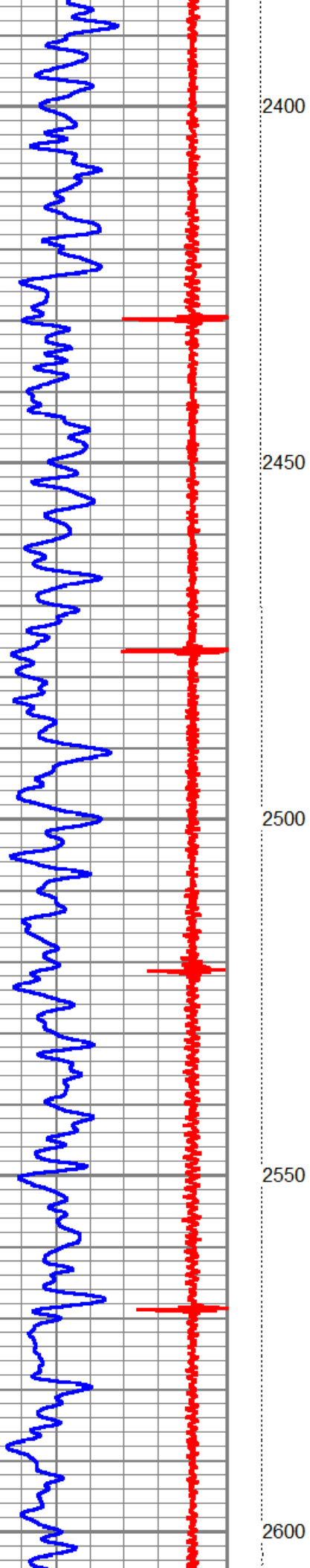
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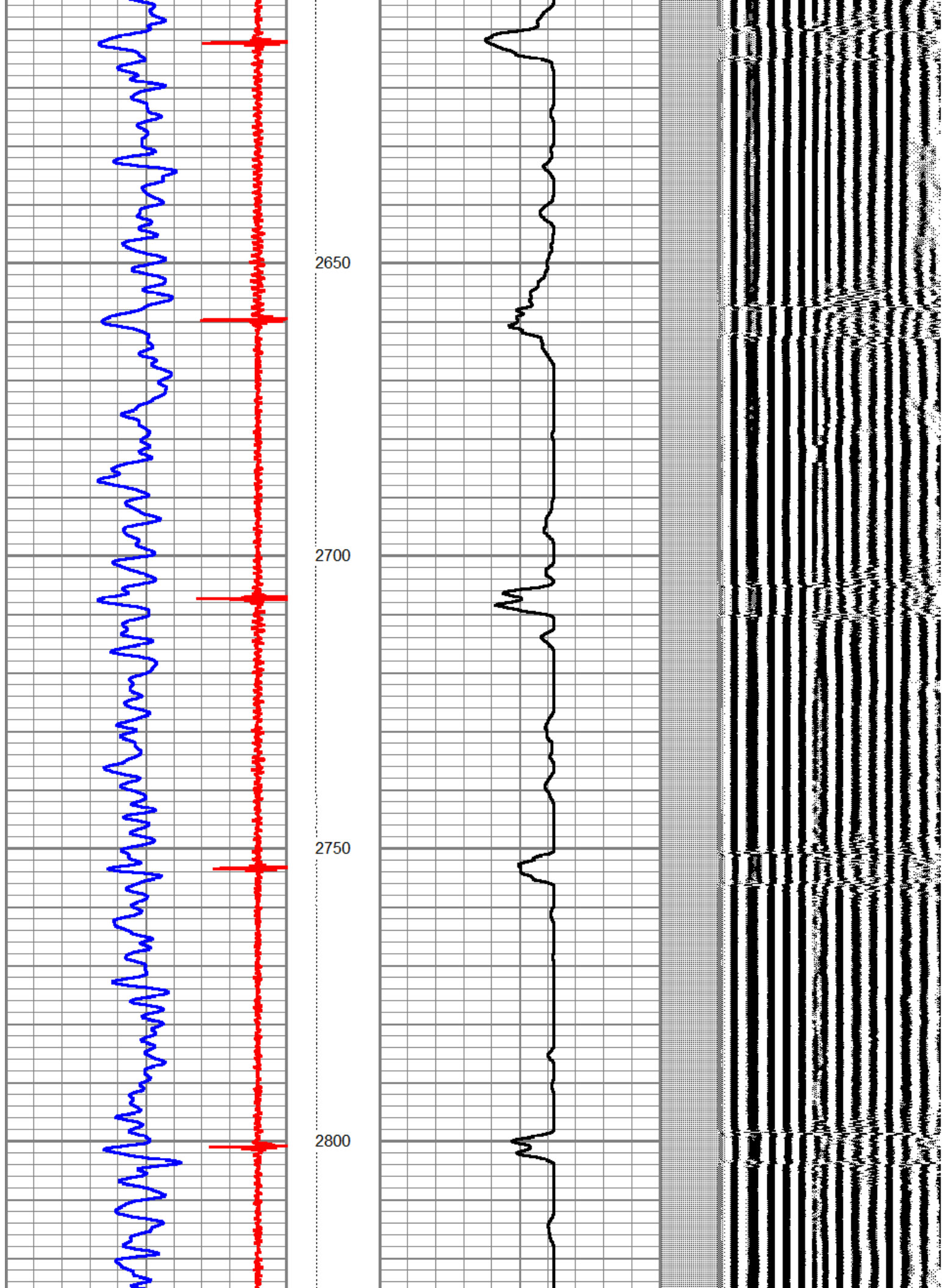
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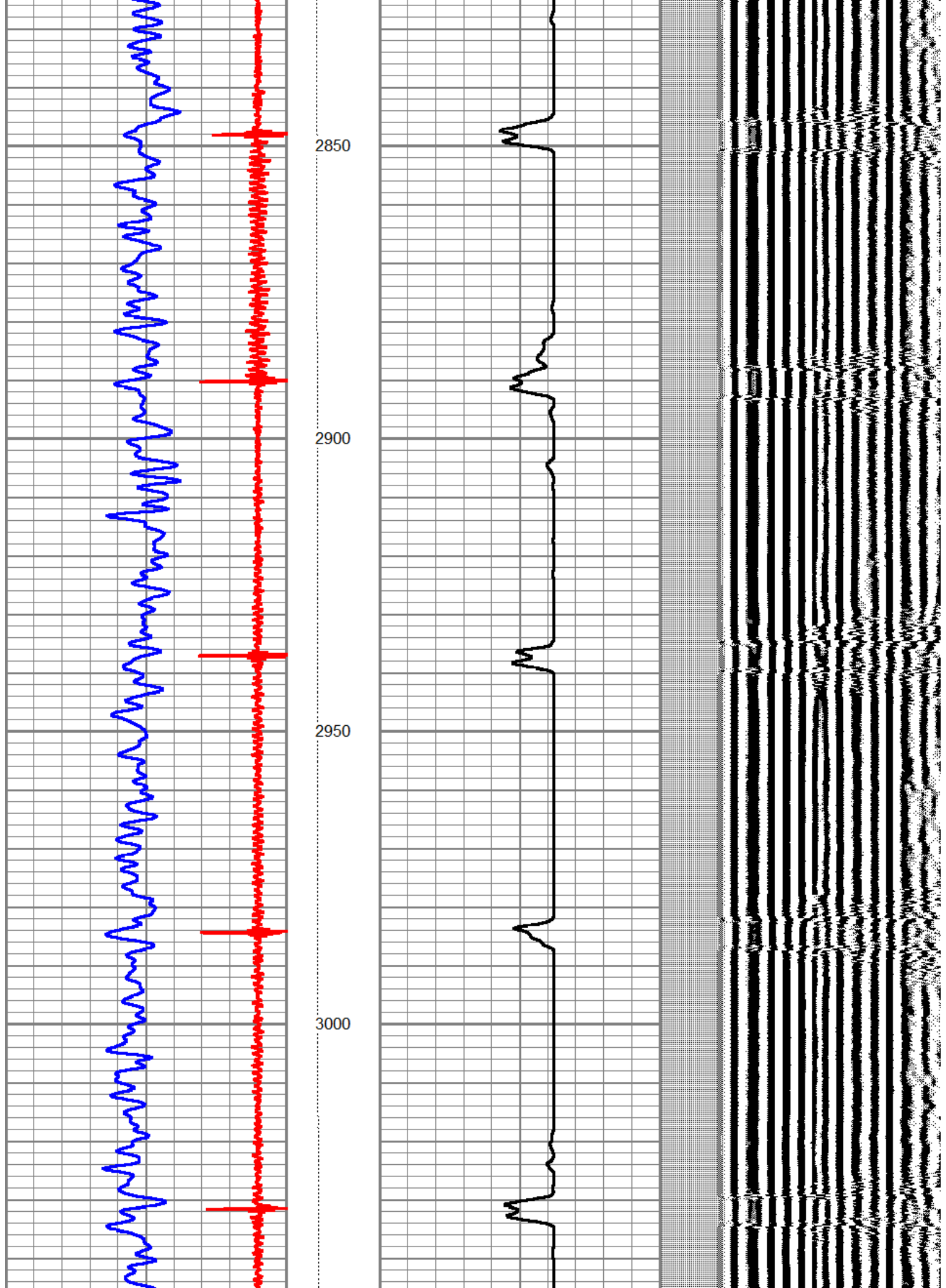
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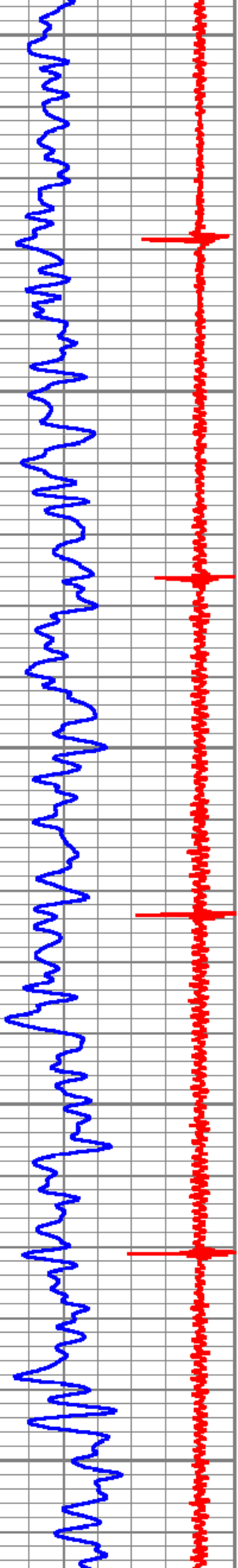
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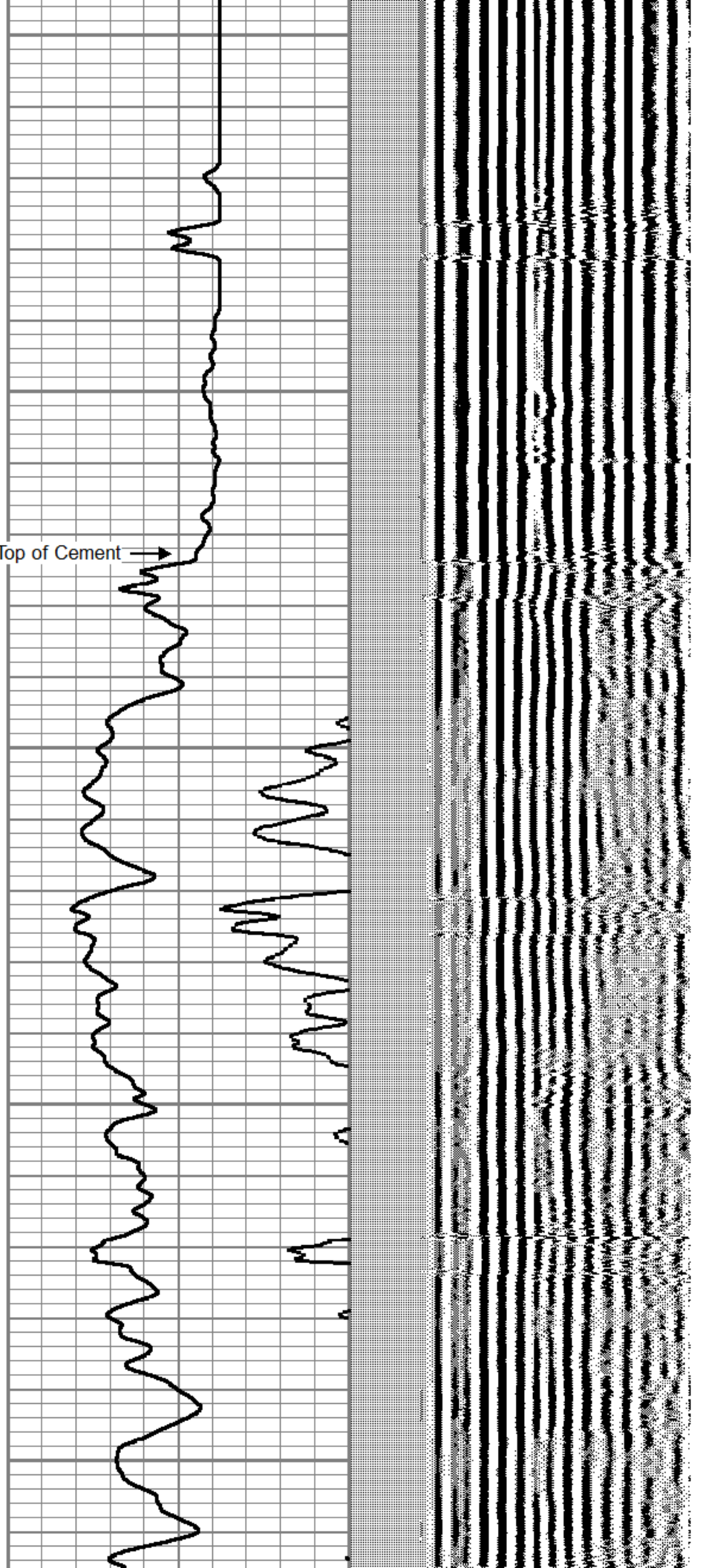


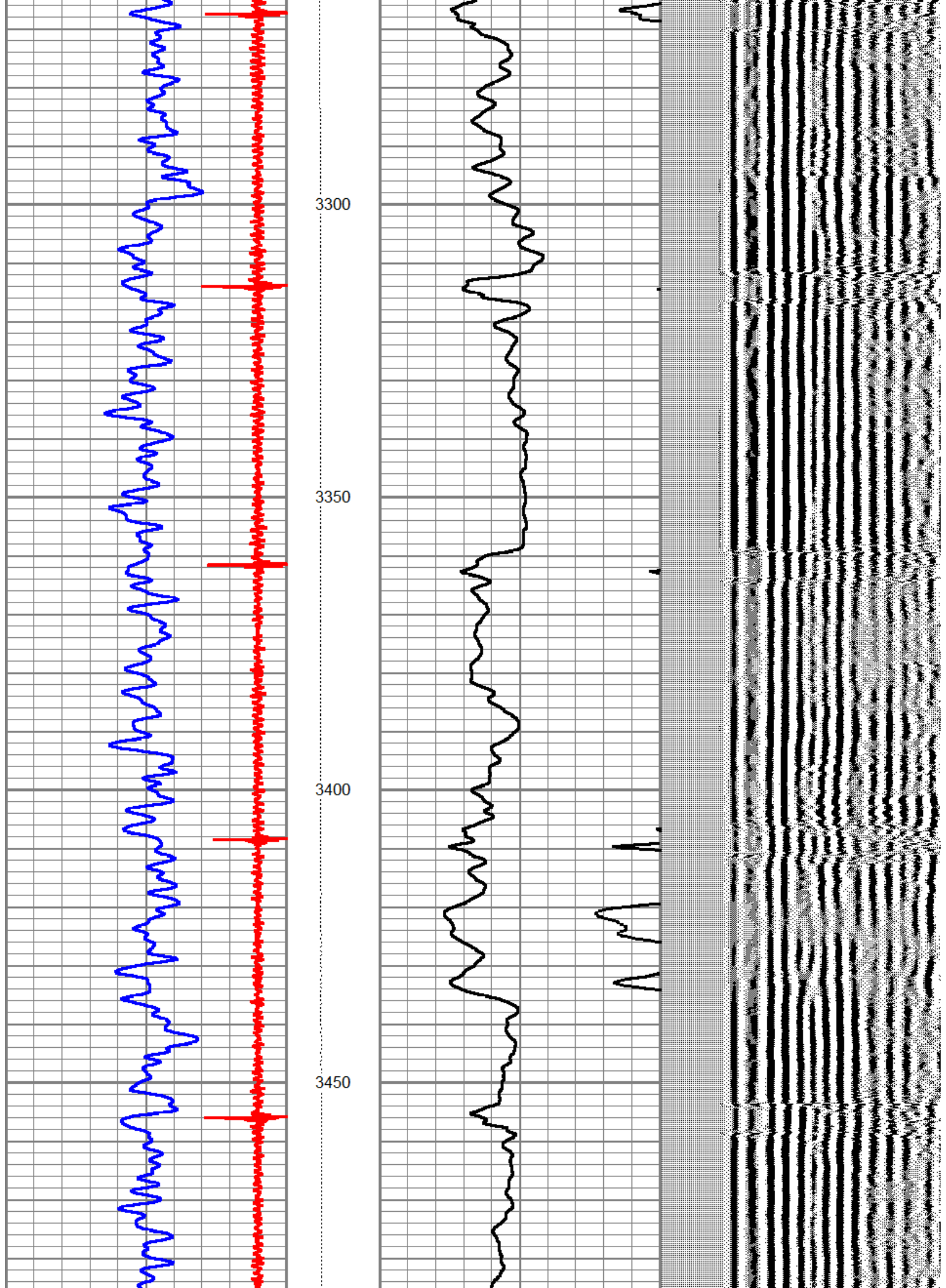


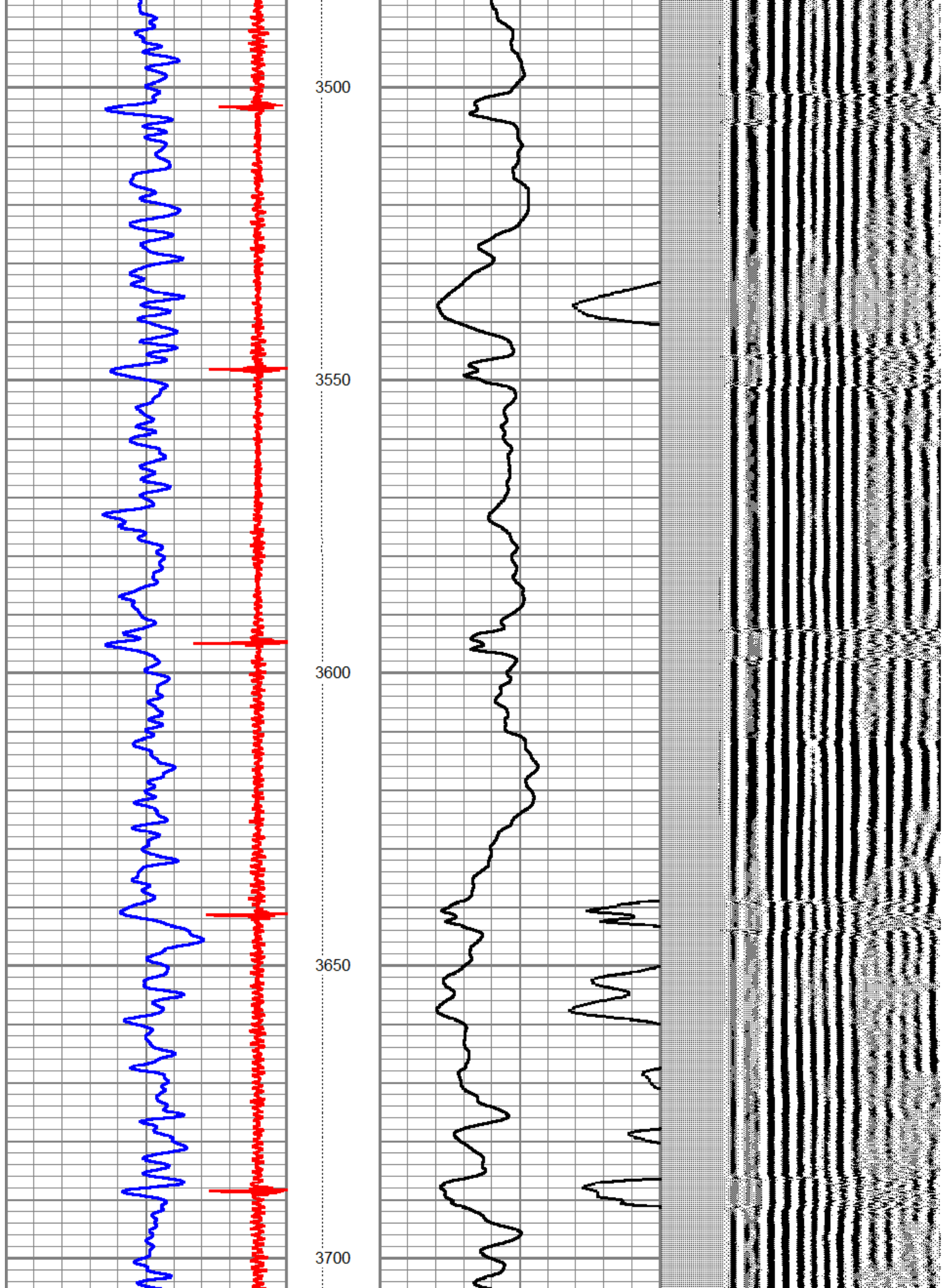


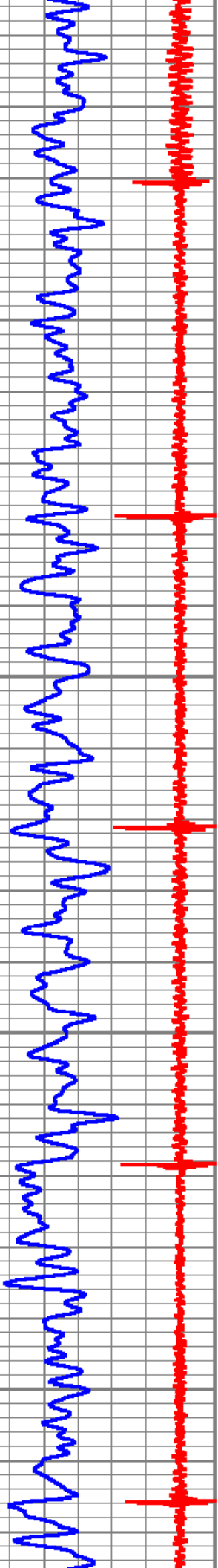
3050
3100
3150
3200
3250

Top of Cement →







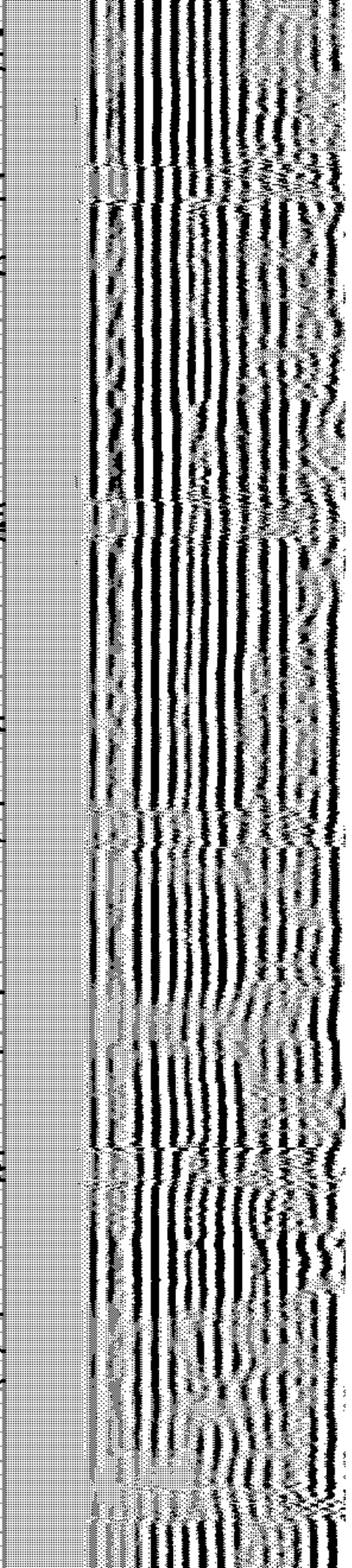


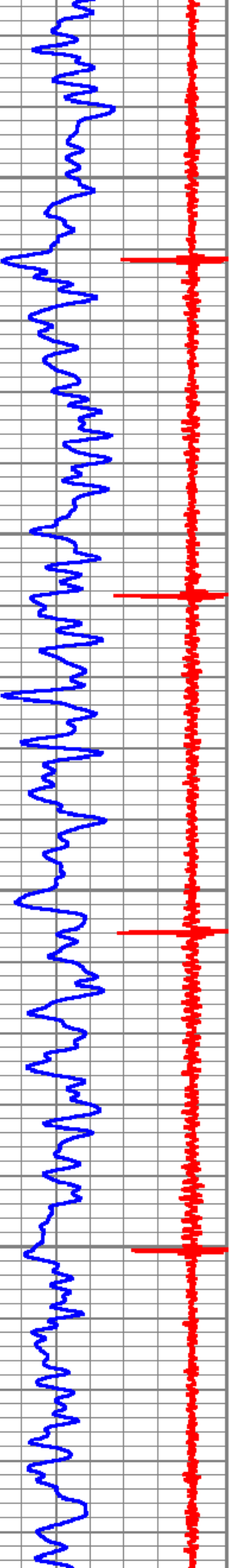
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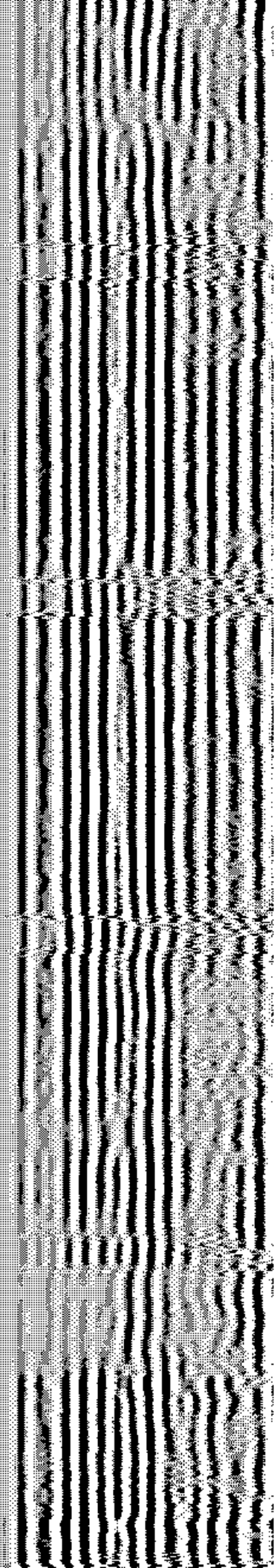
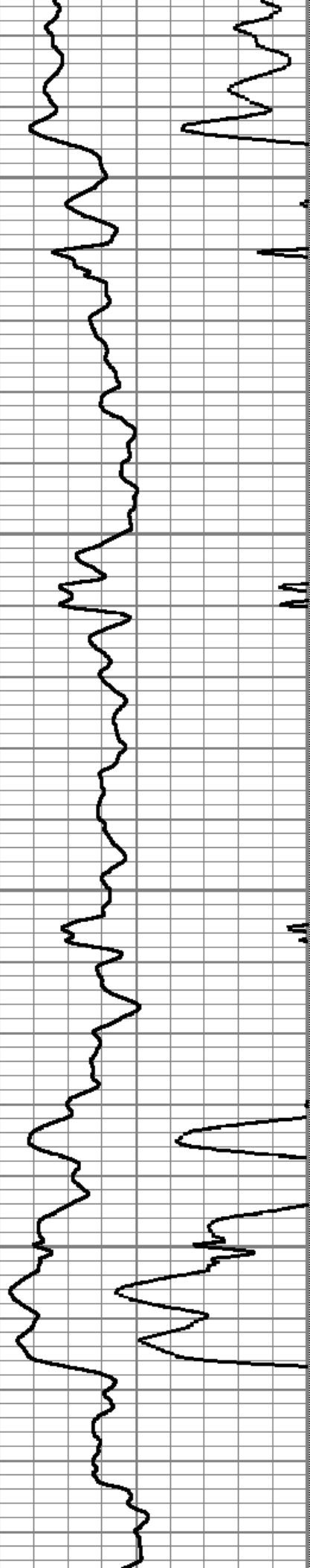
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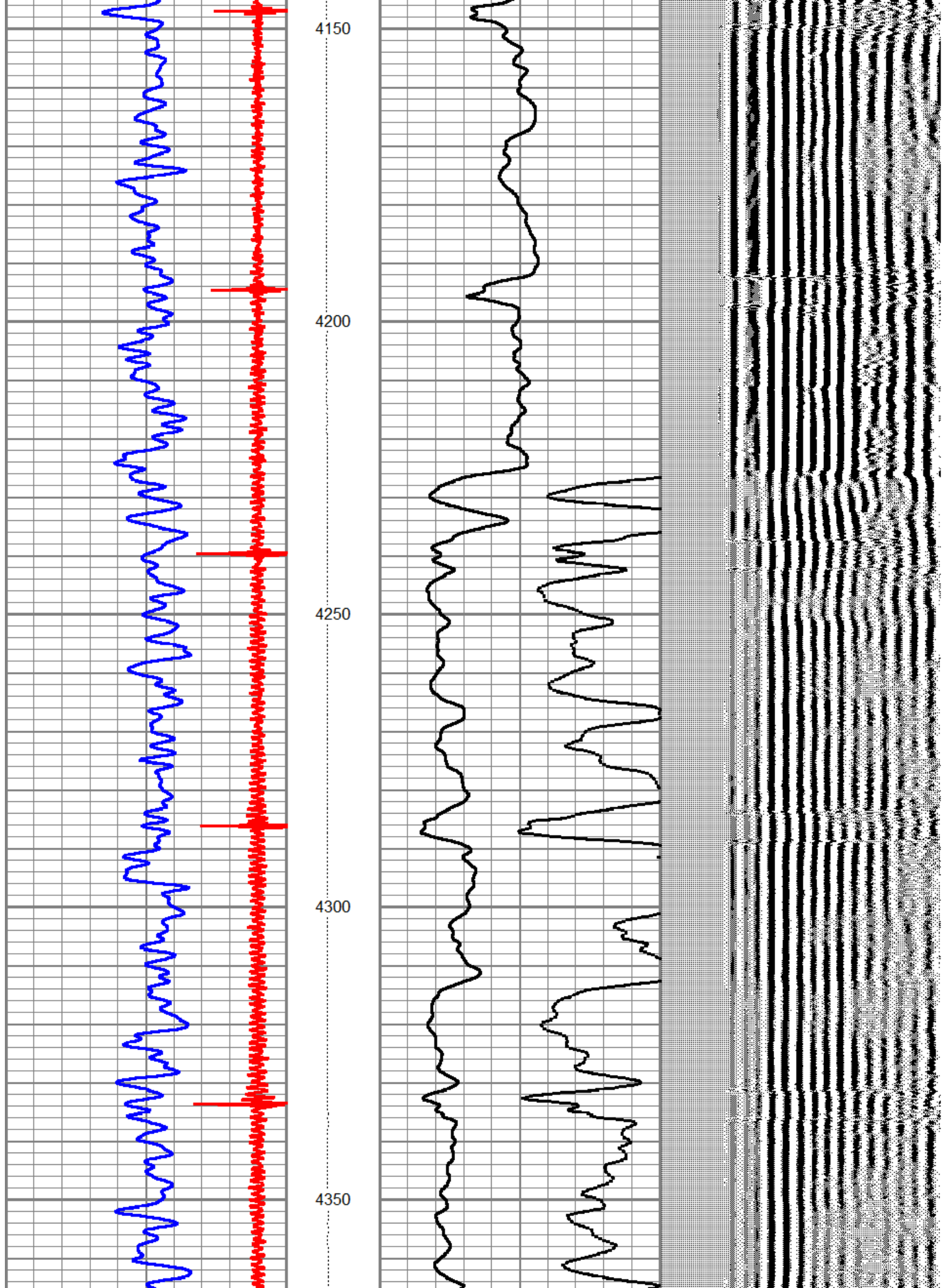
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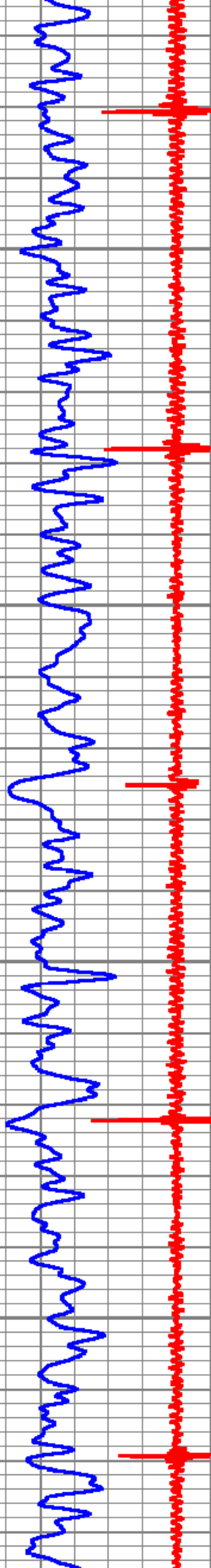




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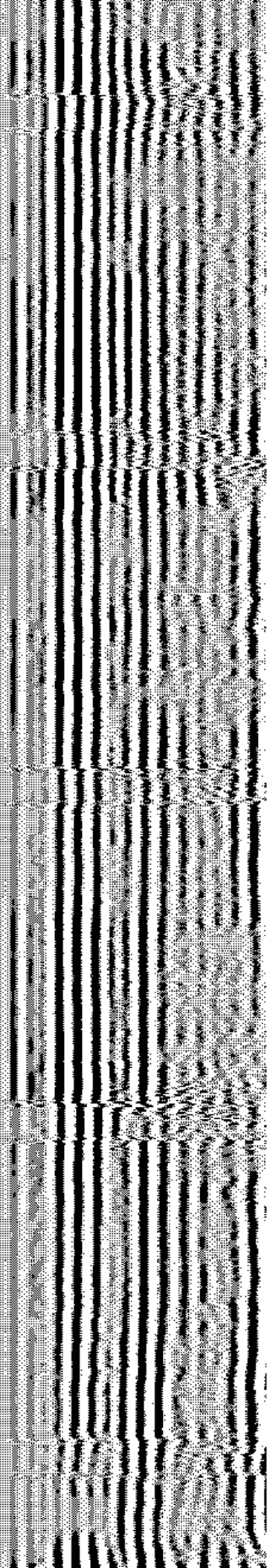
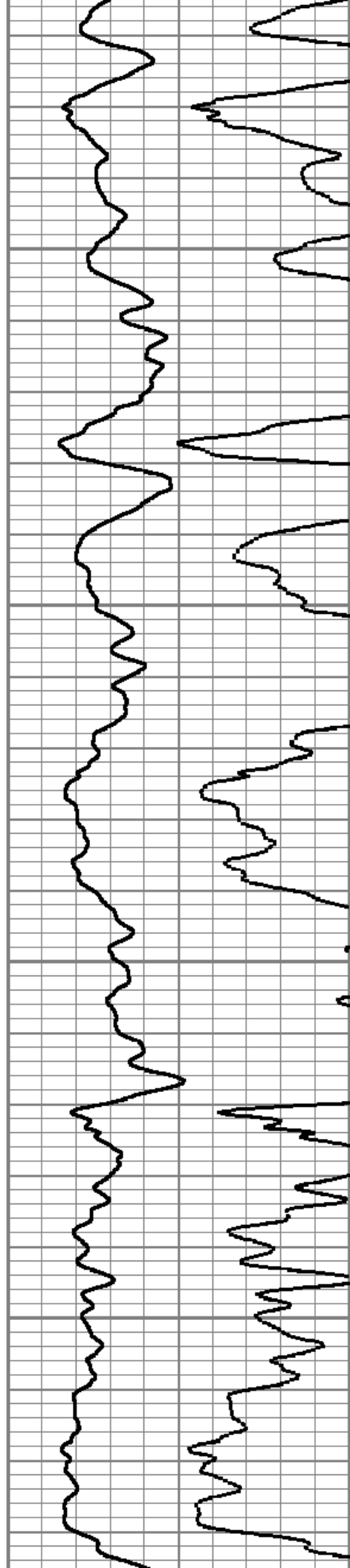


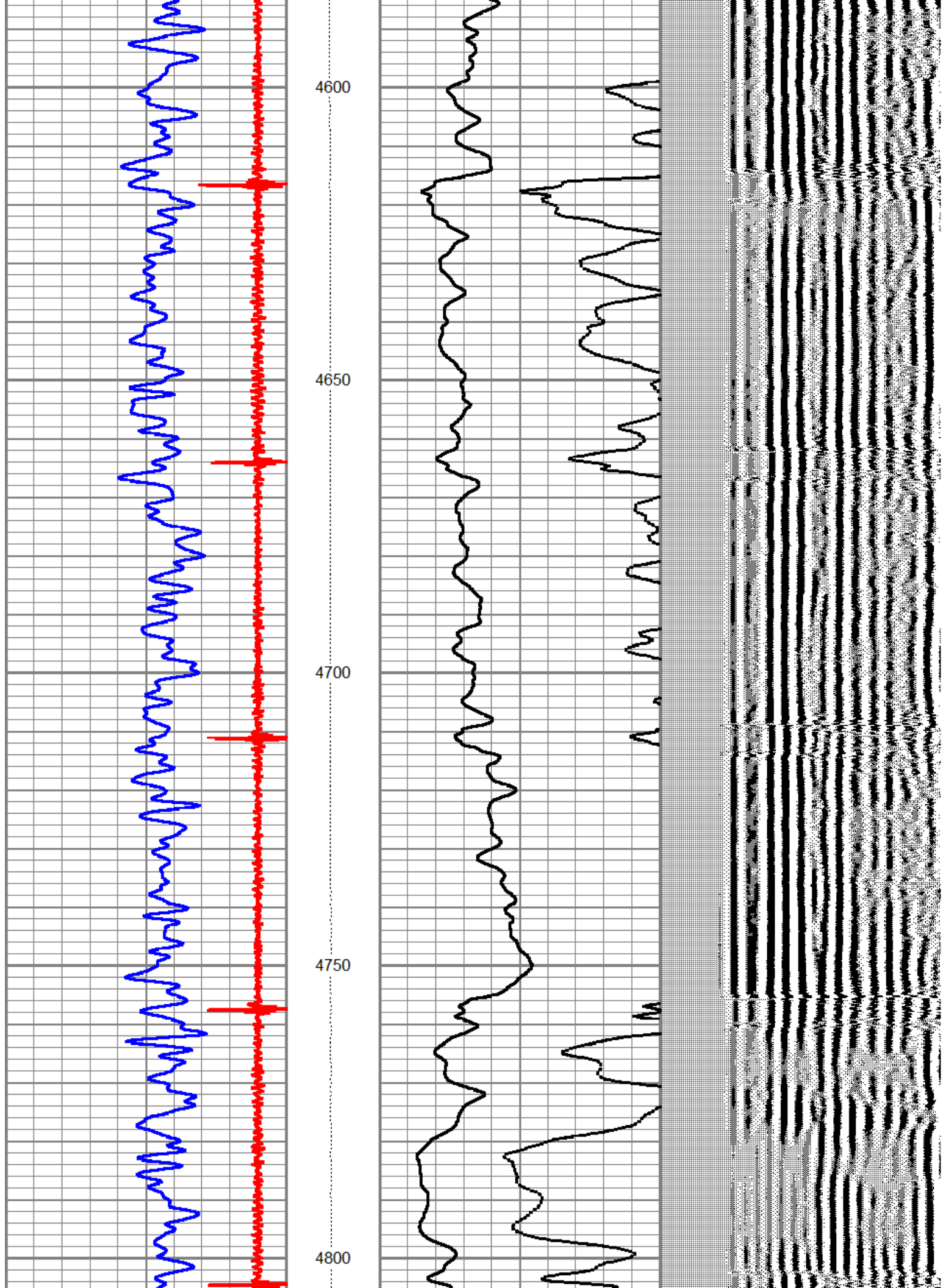
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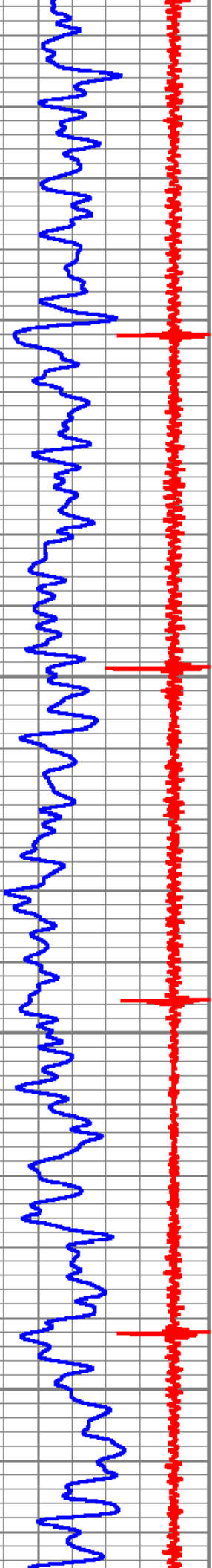
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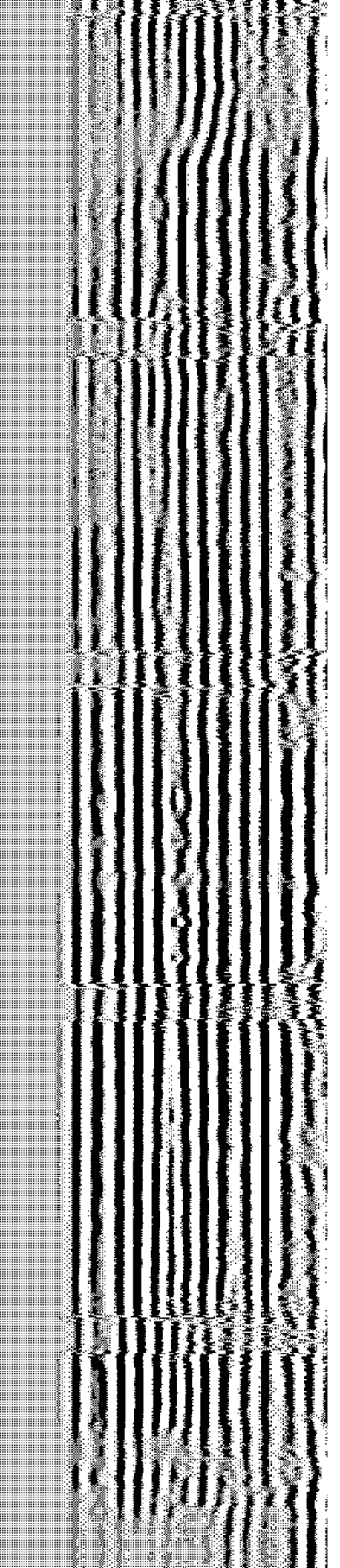
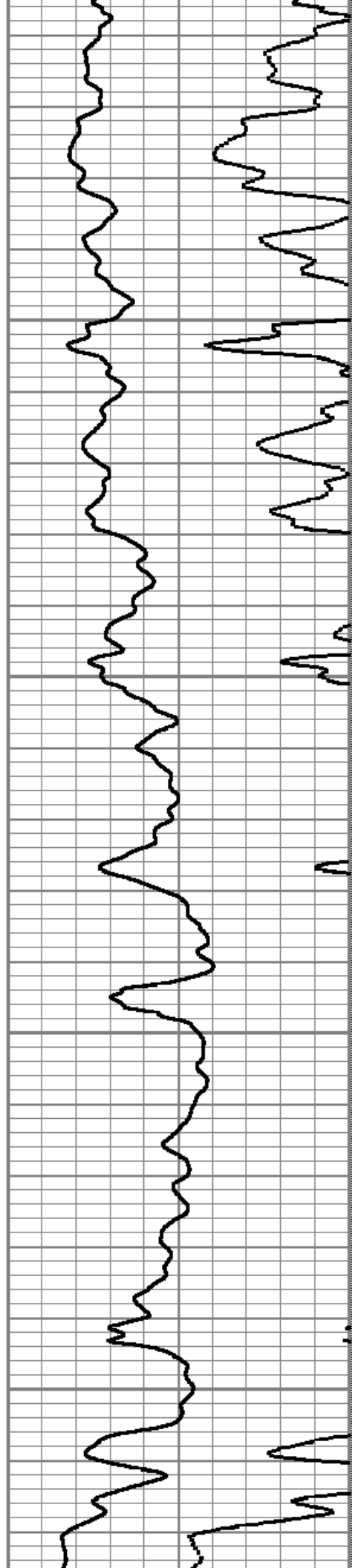


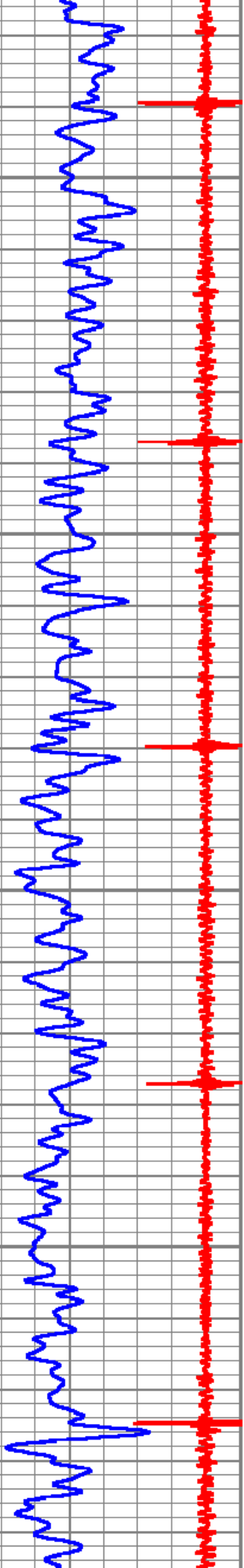
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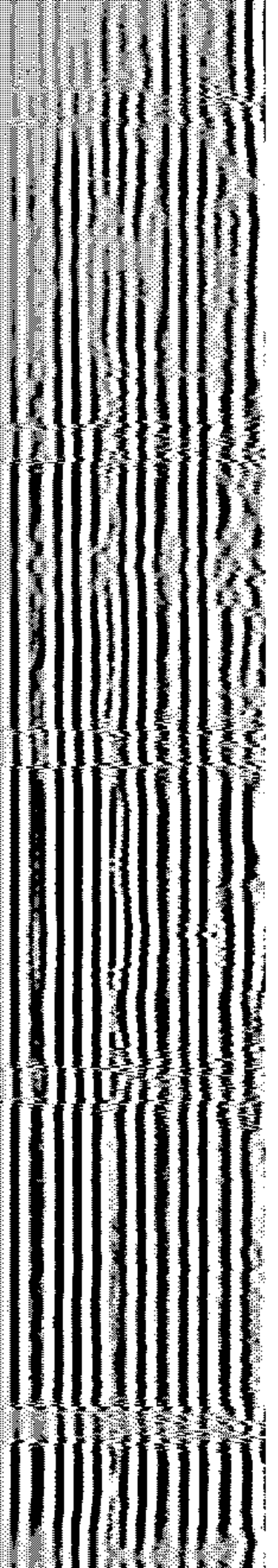
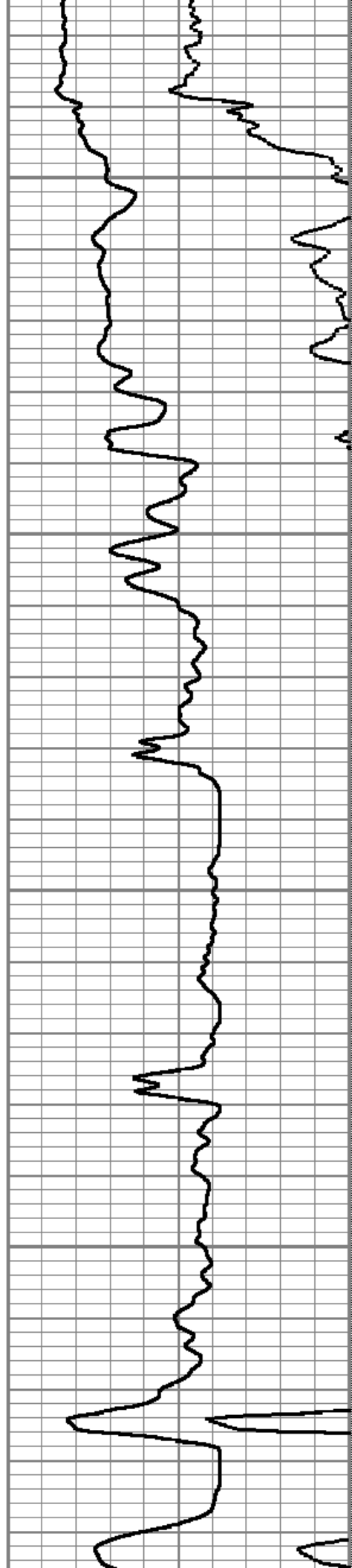
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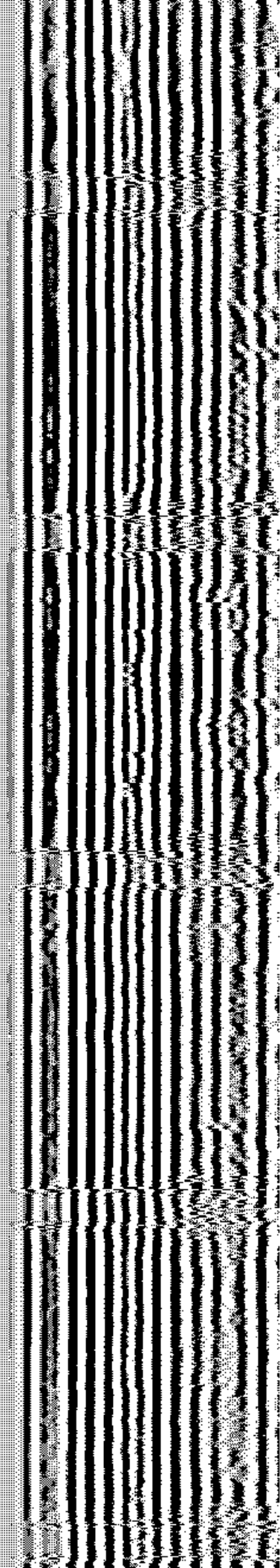
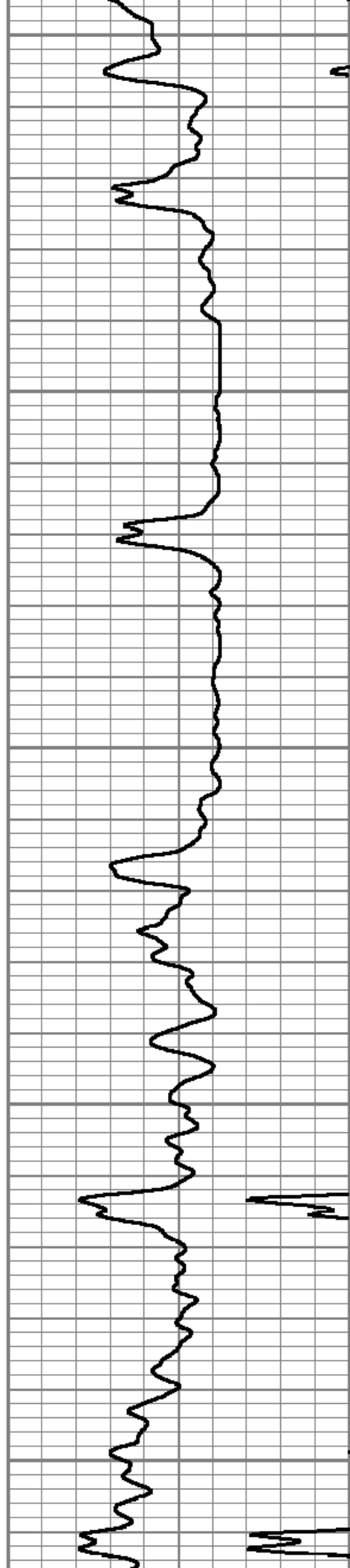
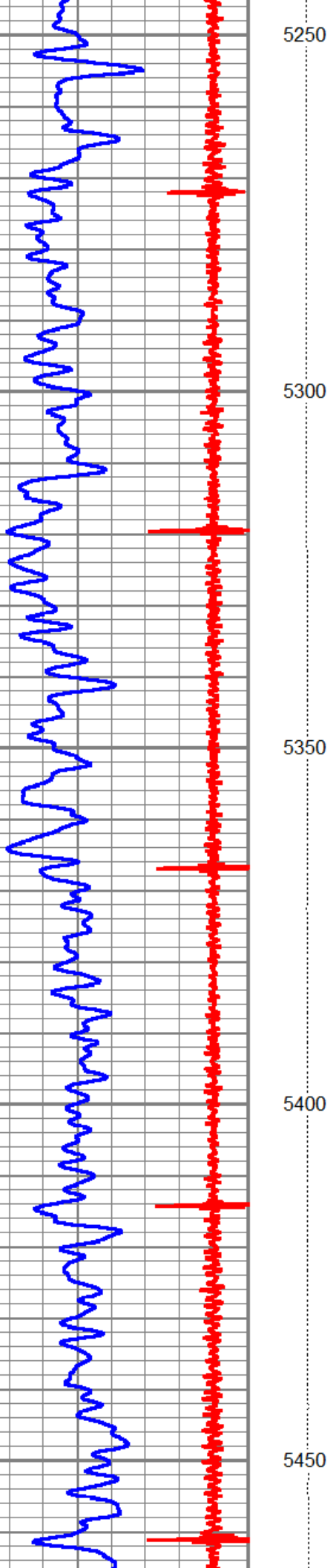
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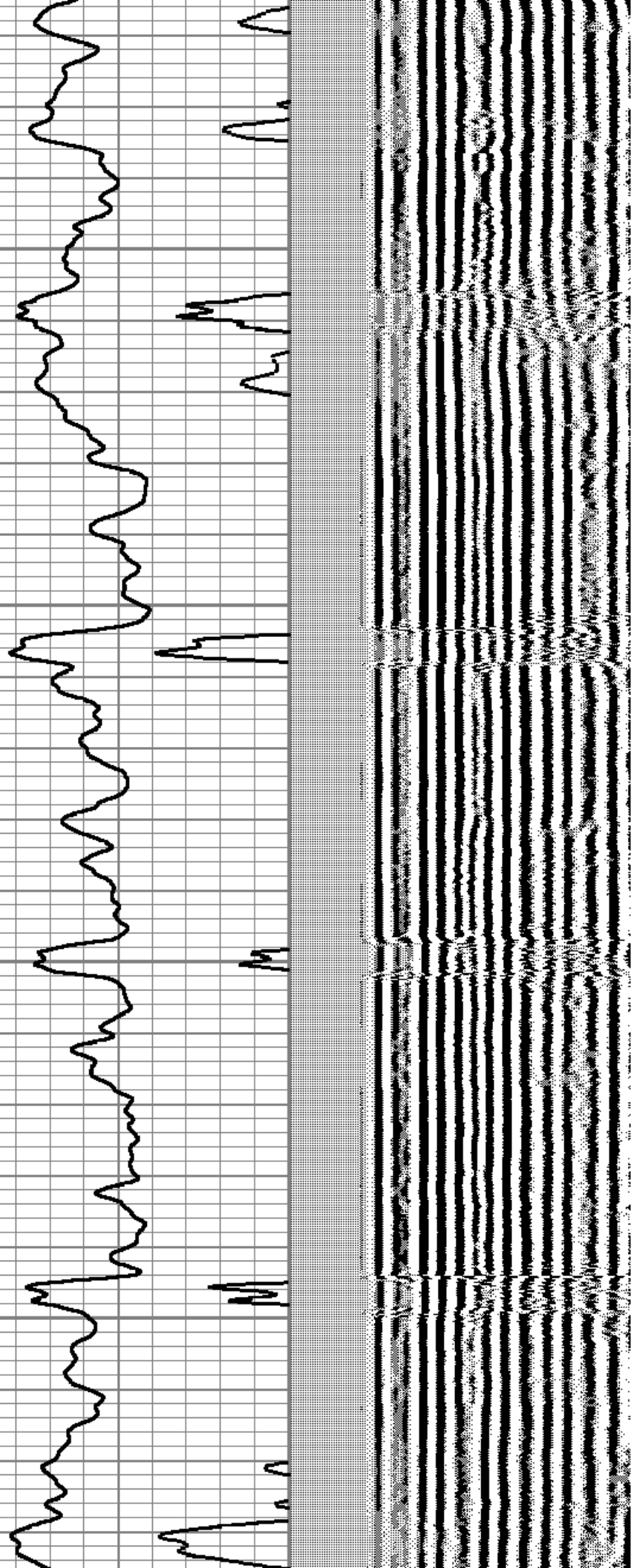
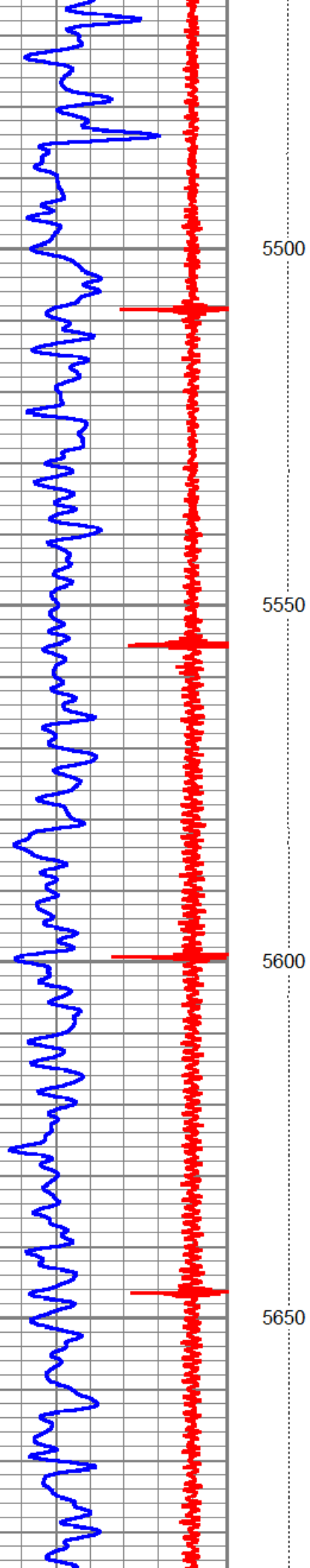


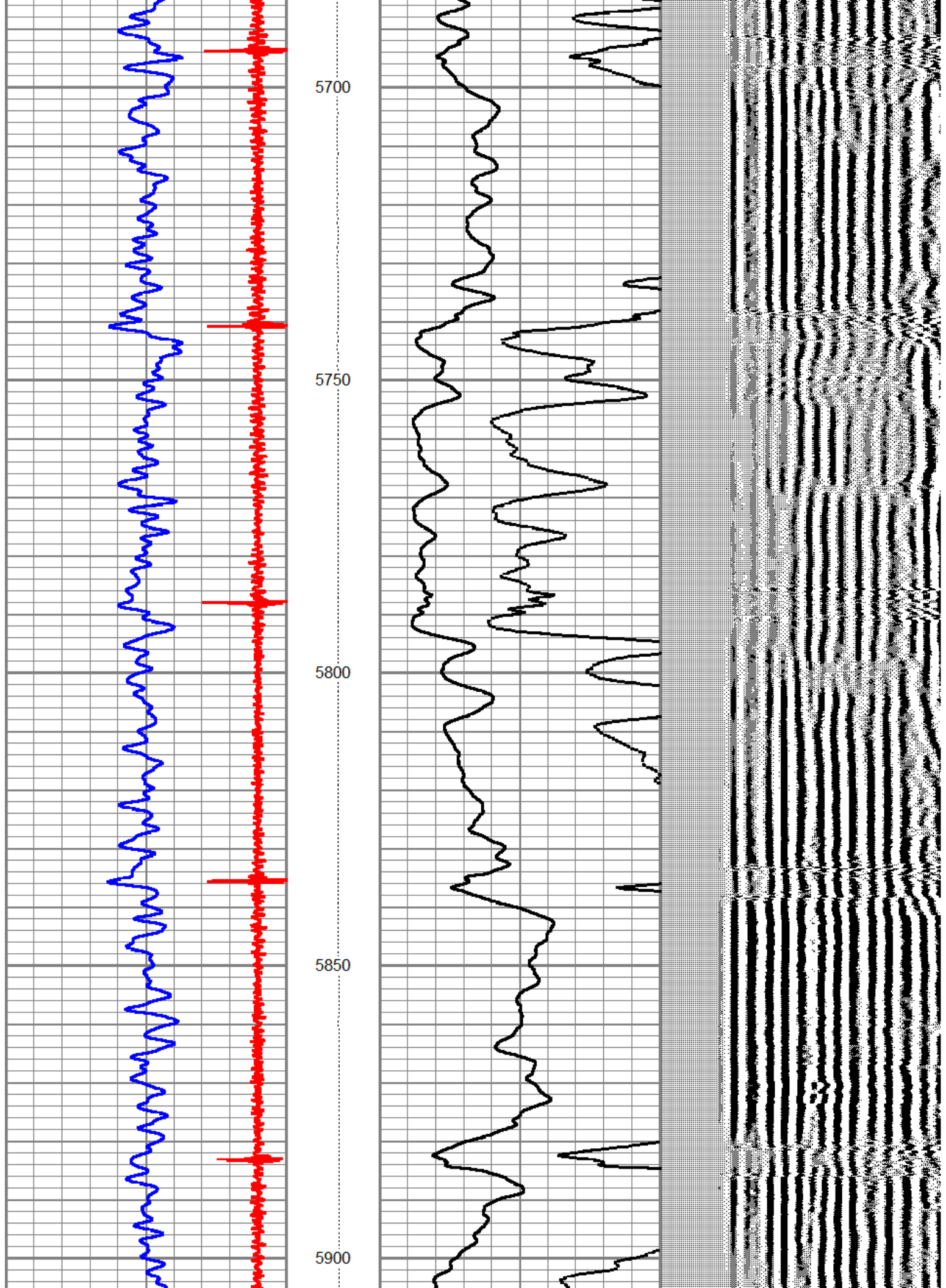


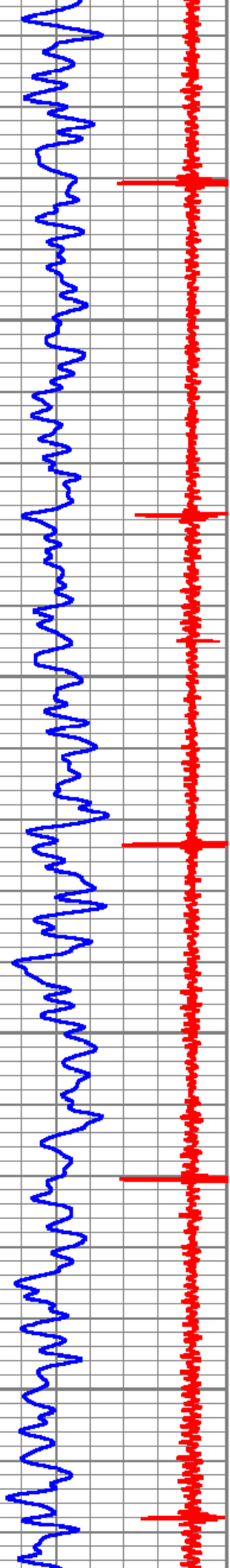
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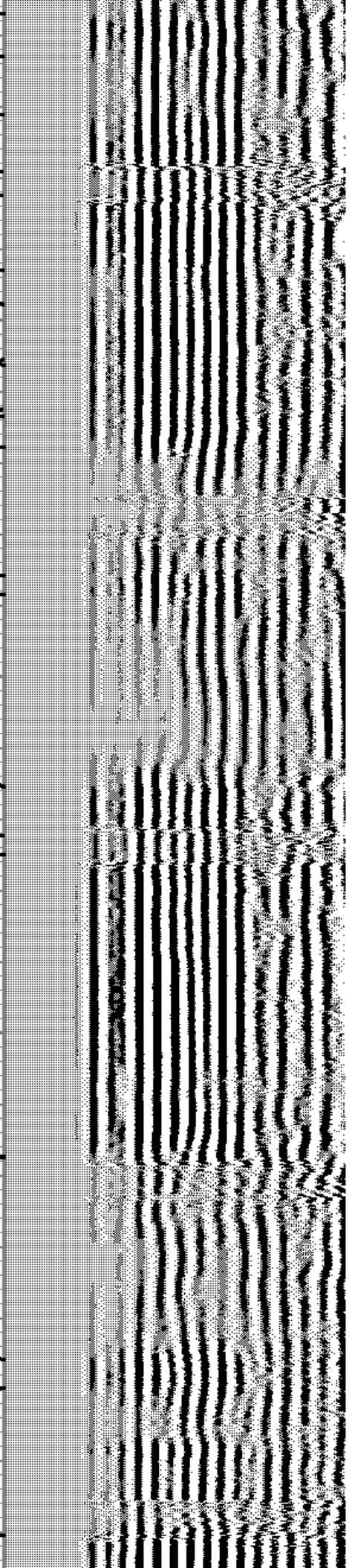


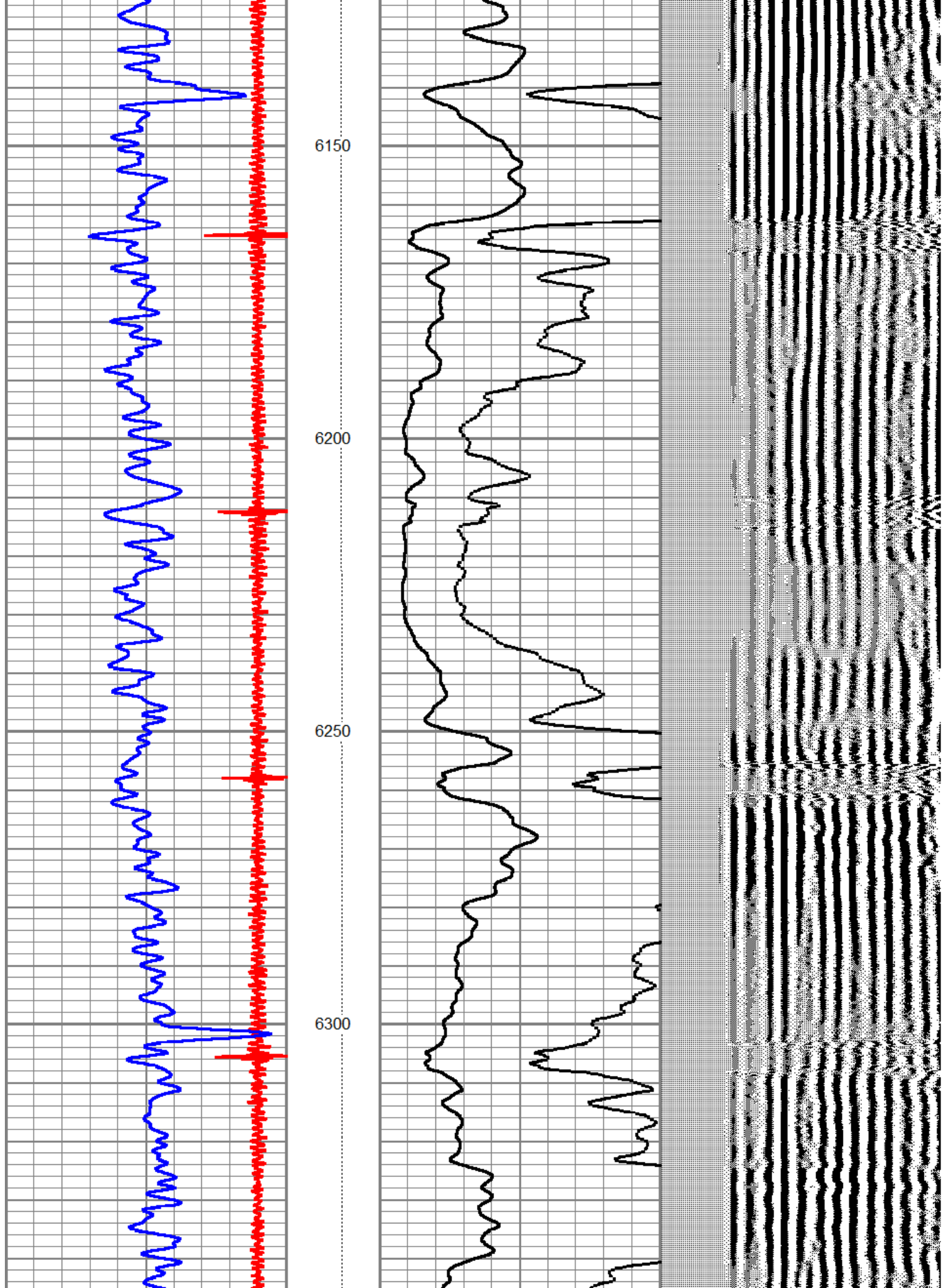
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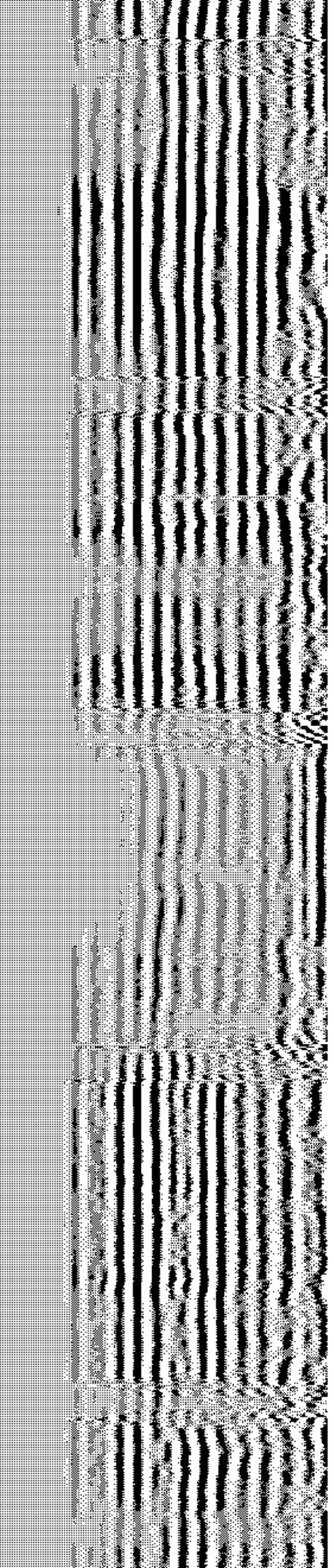
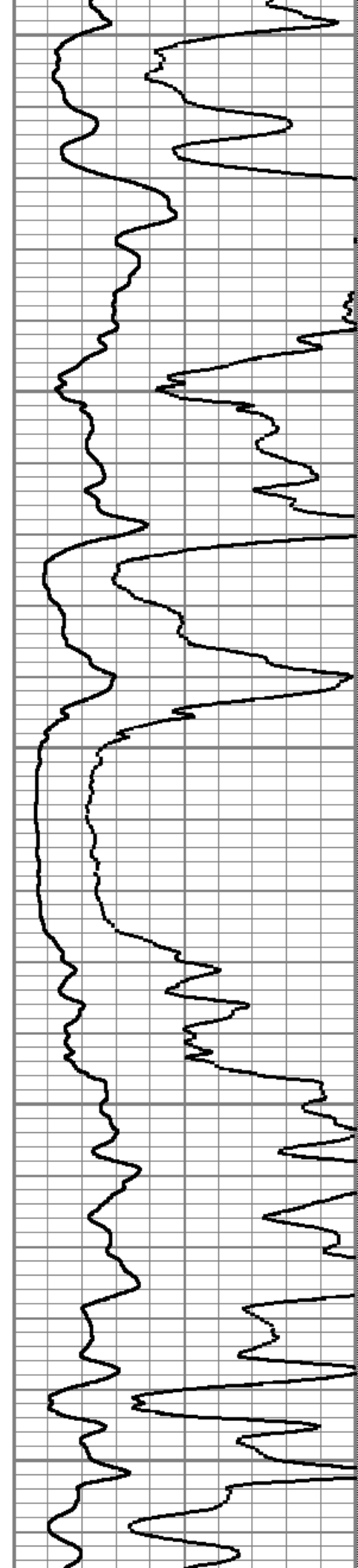
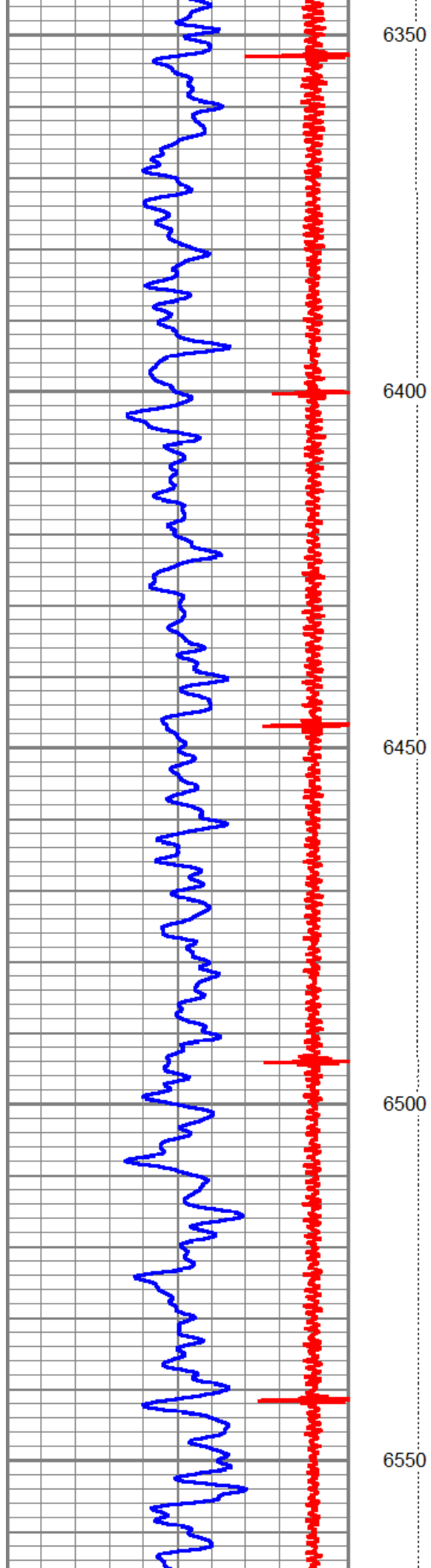
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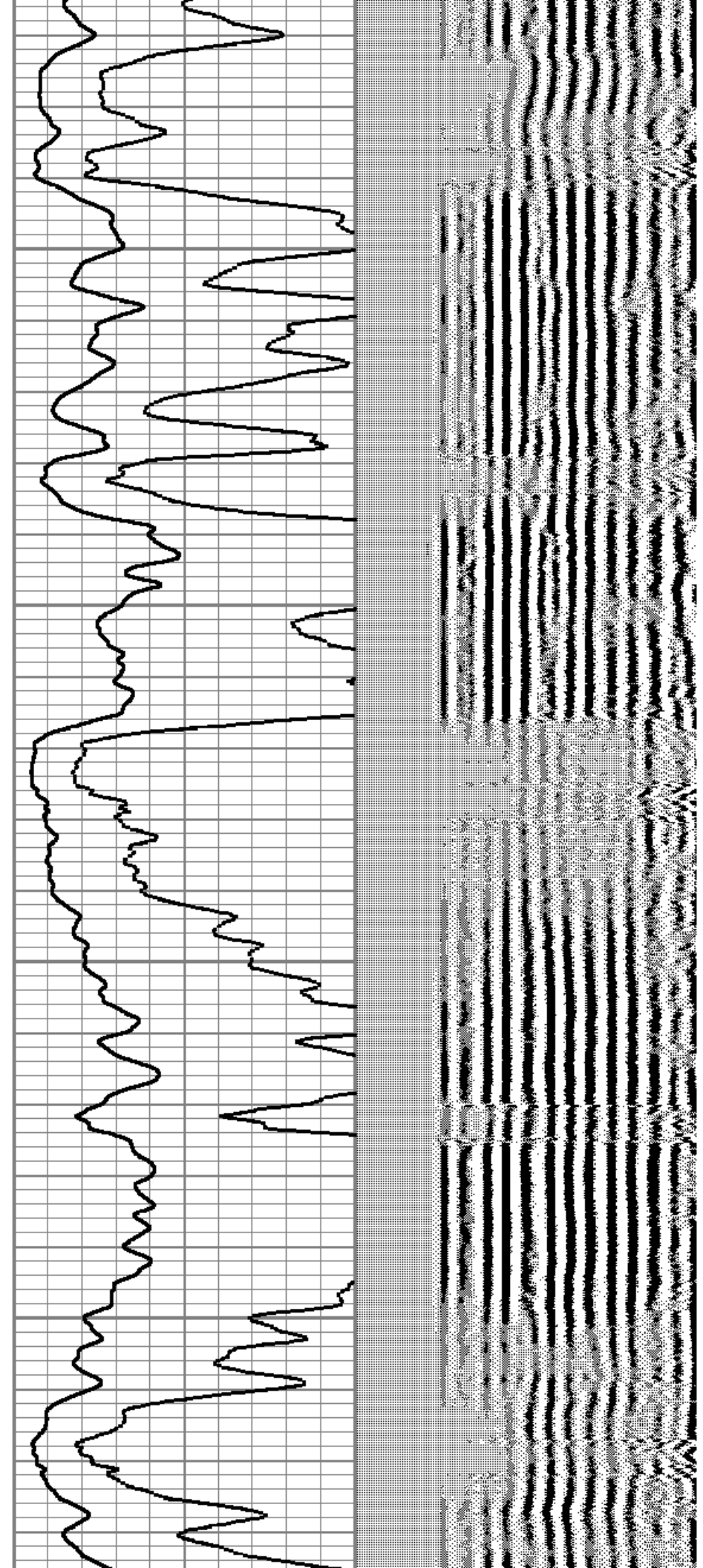
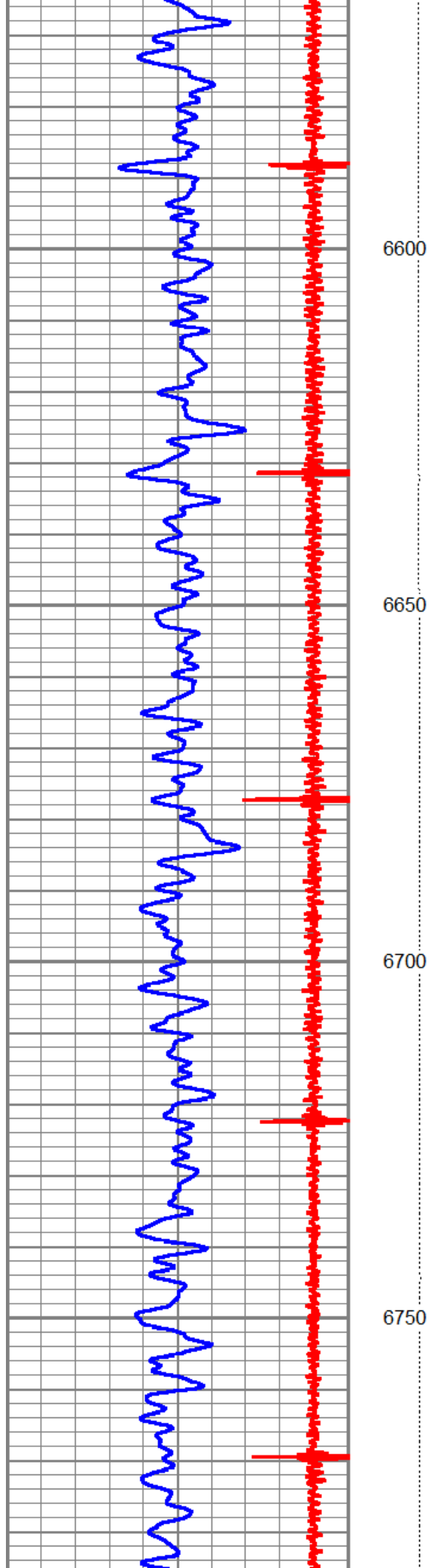
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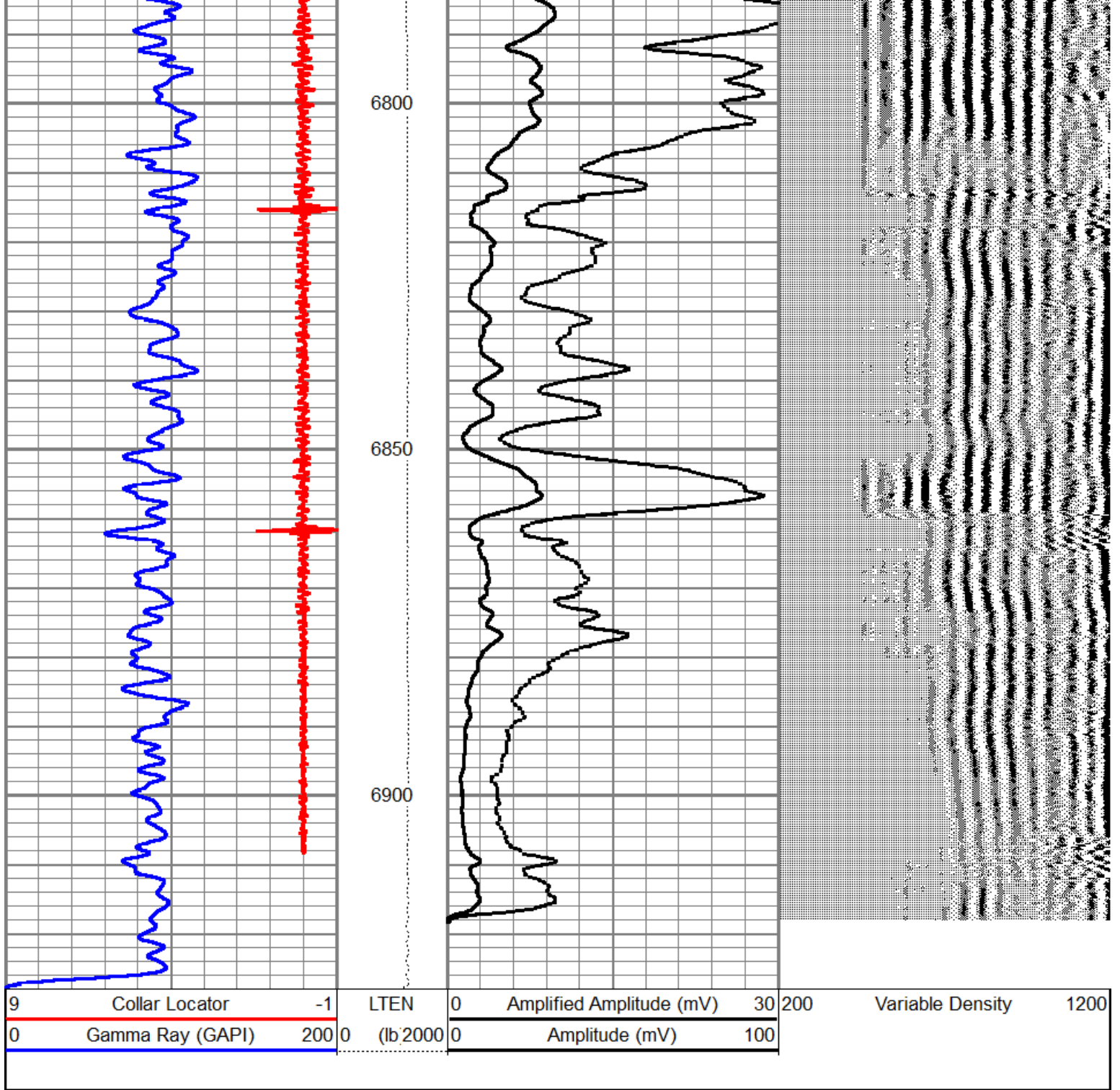
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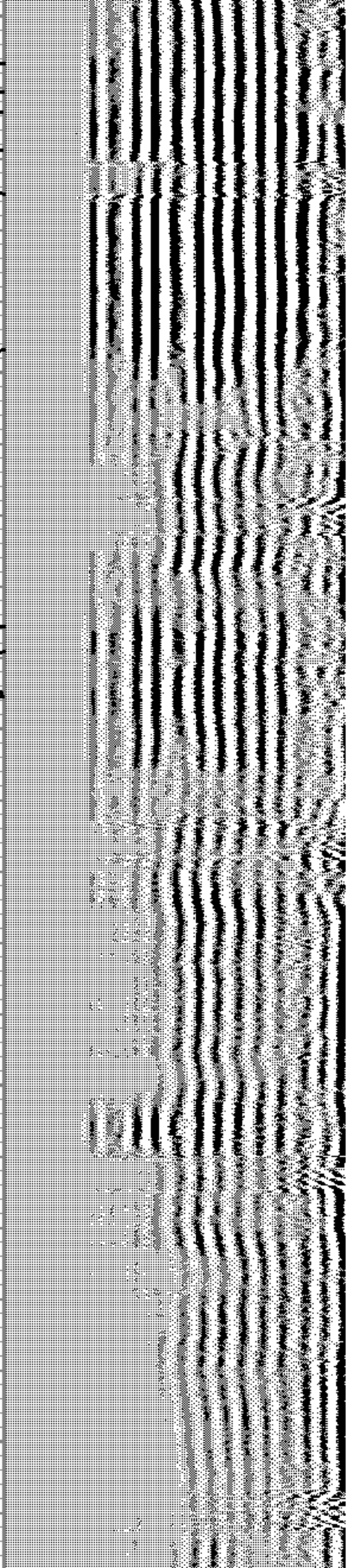
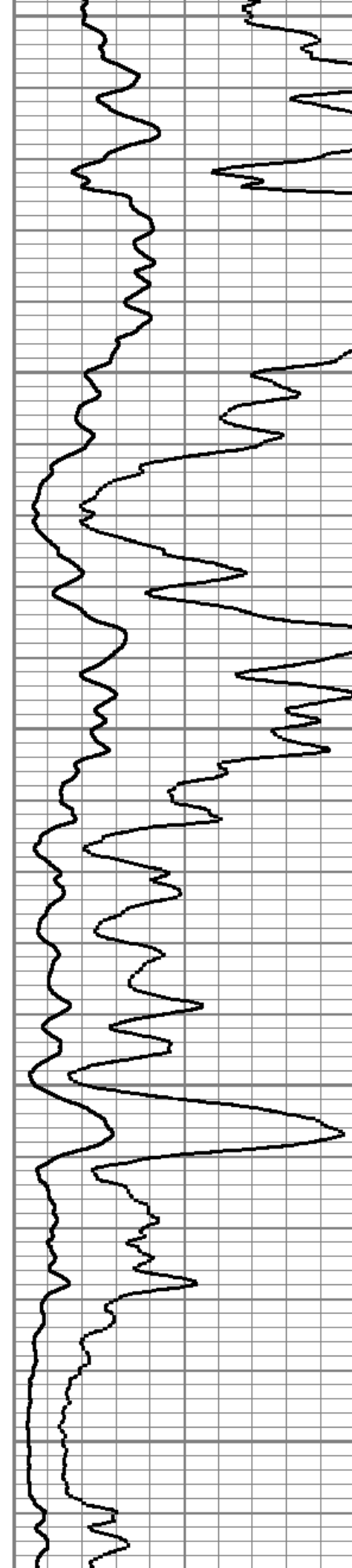
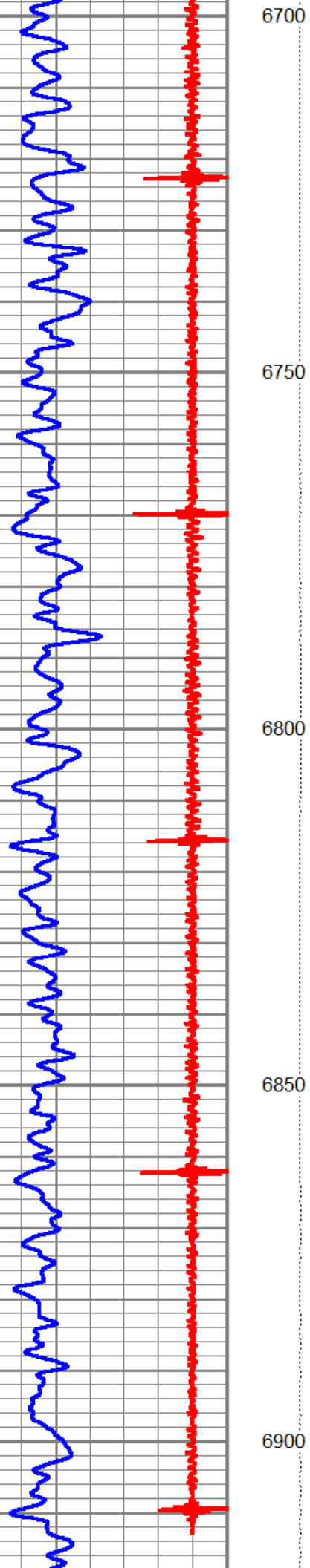


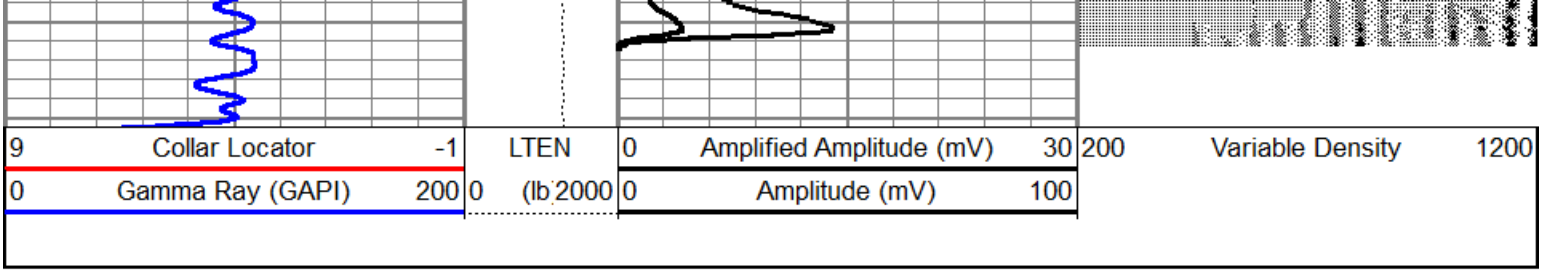


Repeat Pass

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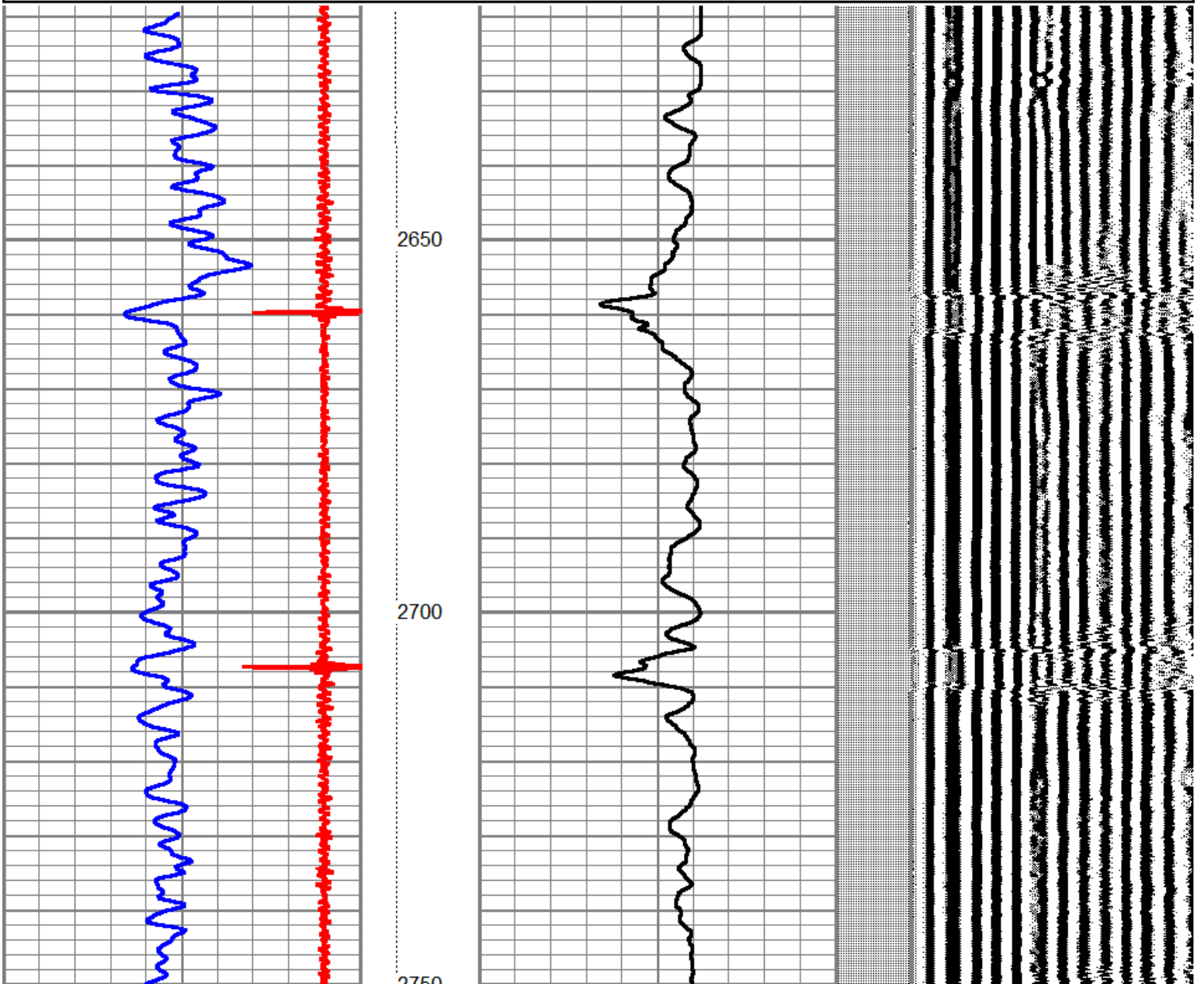
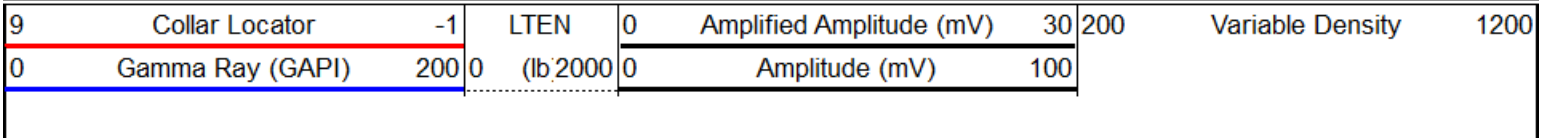
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0	Gamma Ray (GAPI)	200	0	(lb,2000)	0	Amplitude (mV)	100		

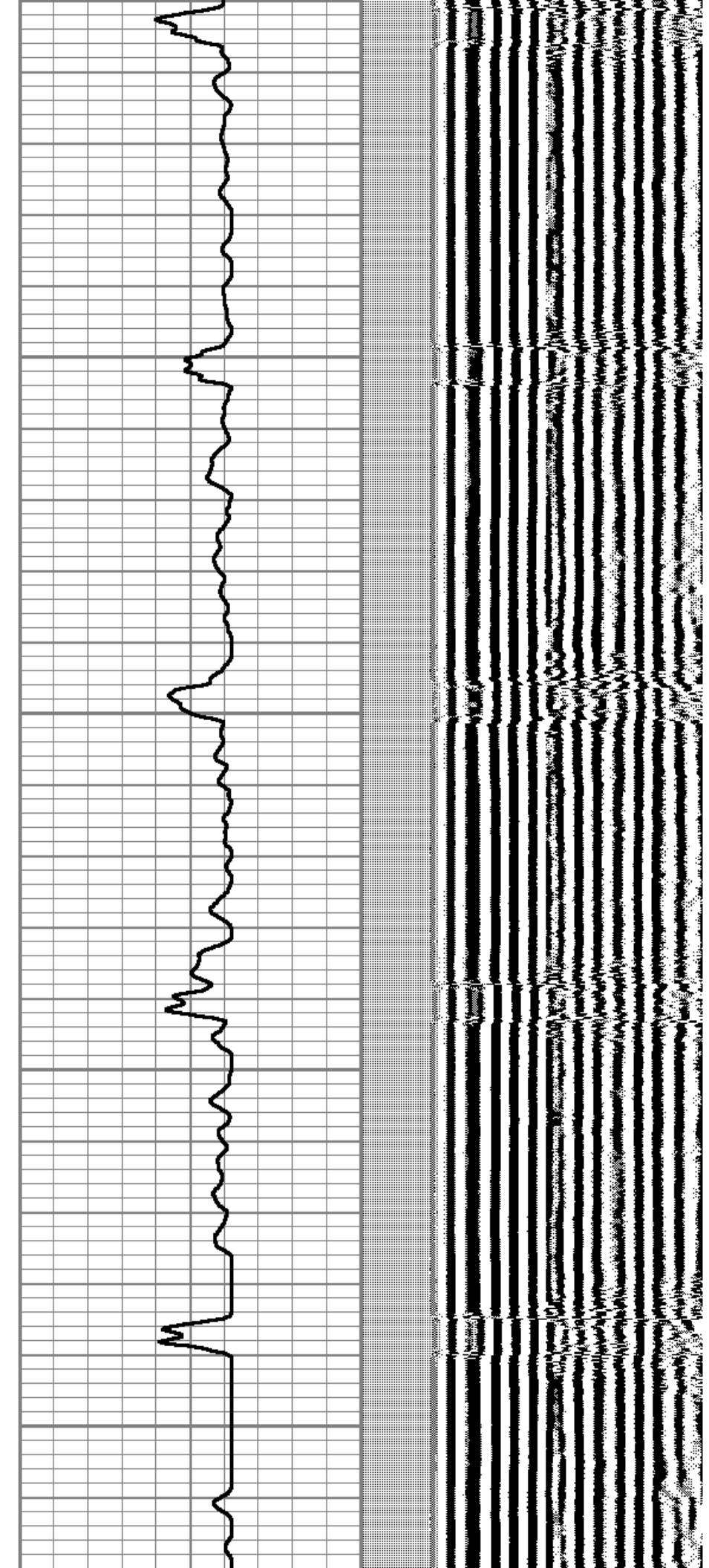
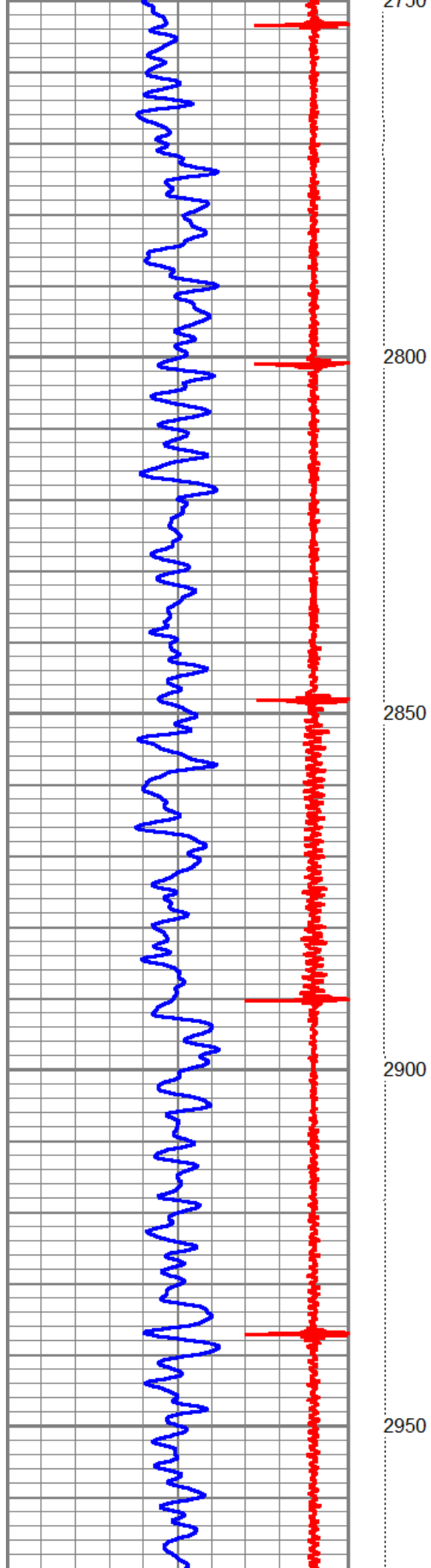


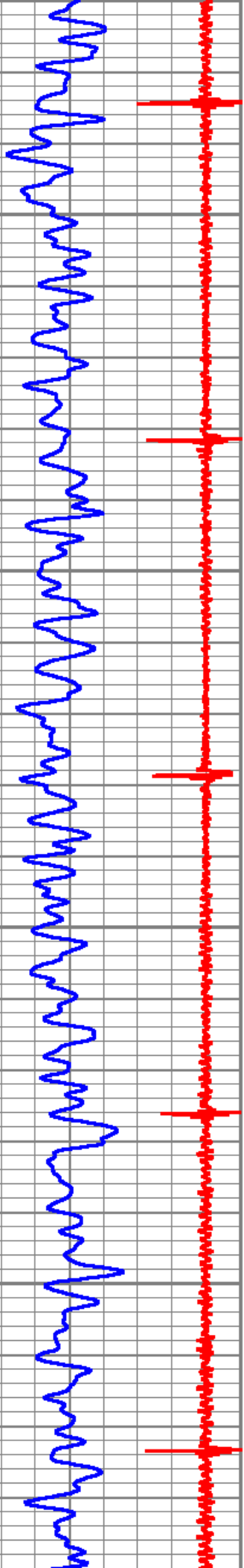


Pressure Pass (750 PSI)

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 Presentation Format: cbl_dr
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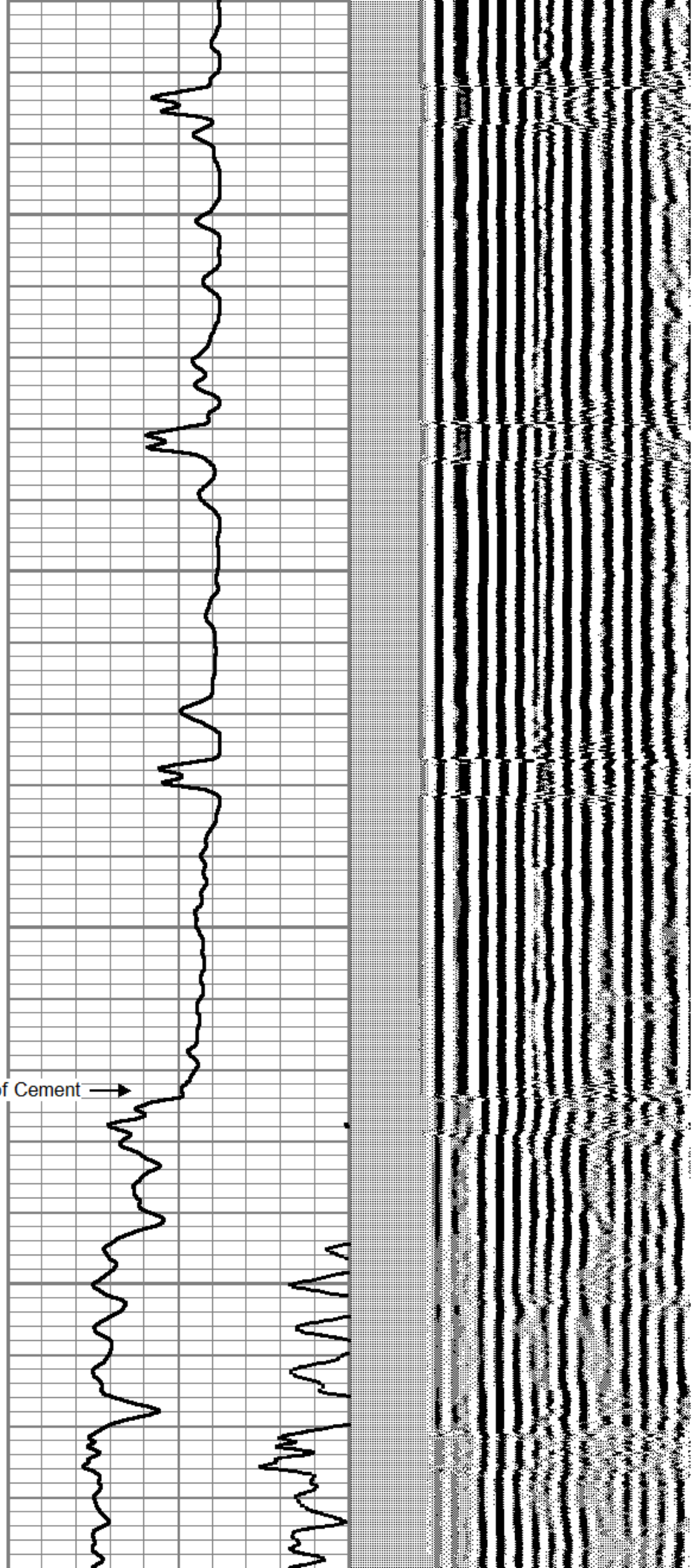
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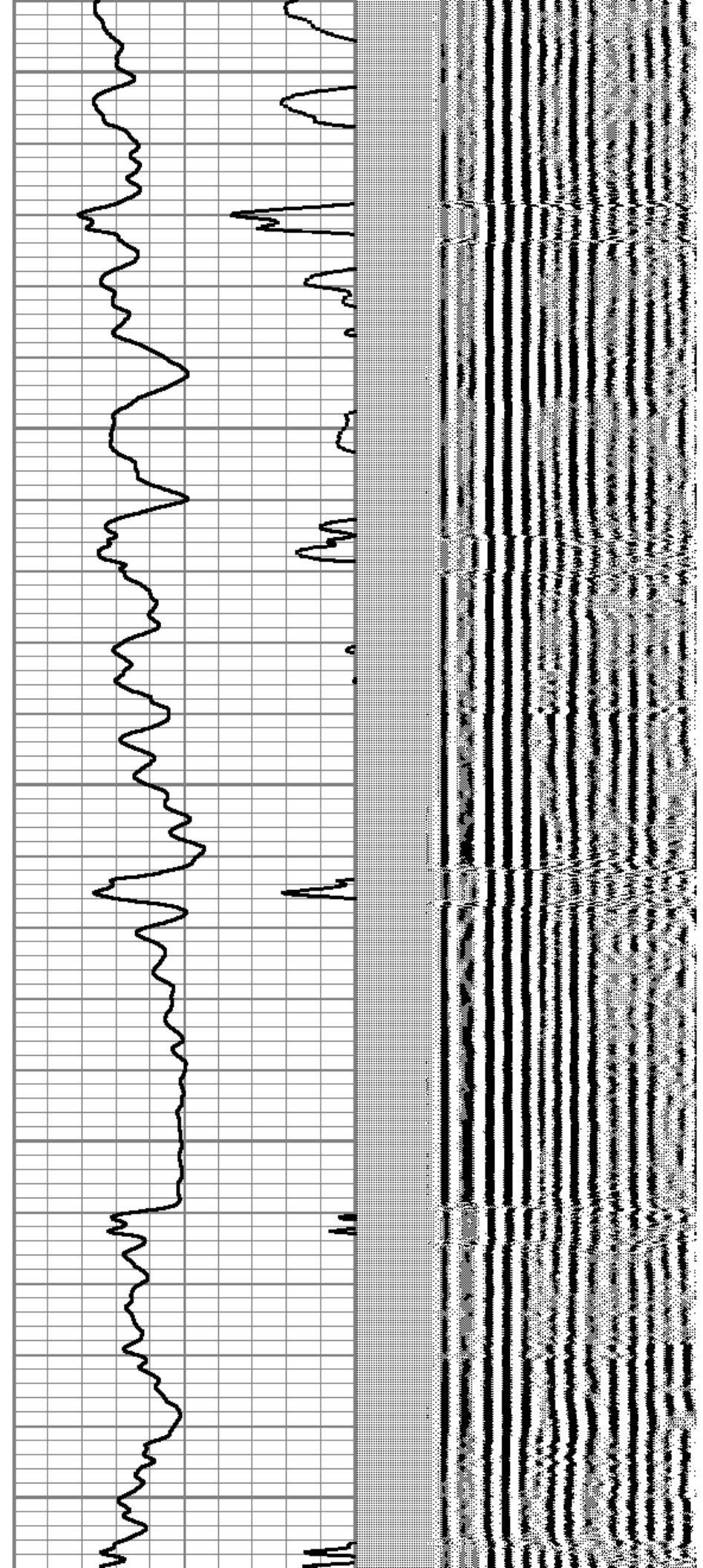
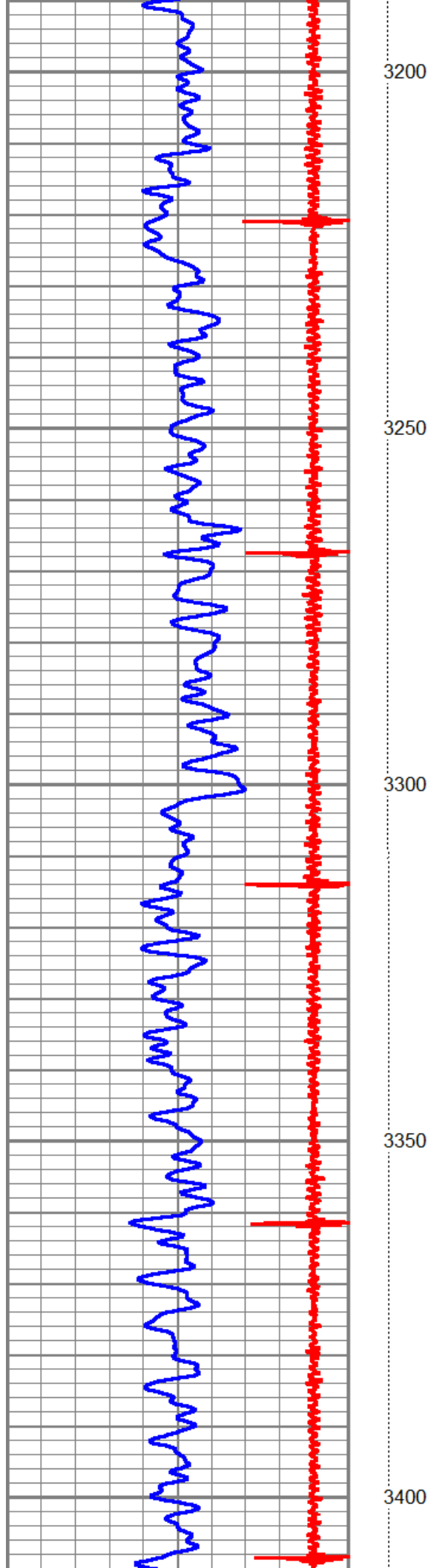
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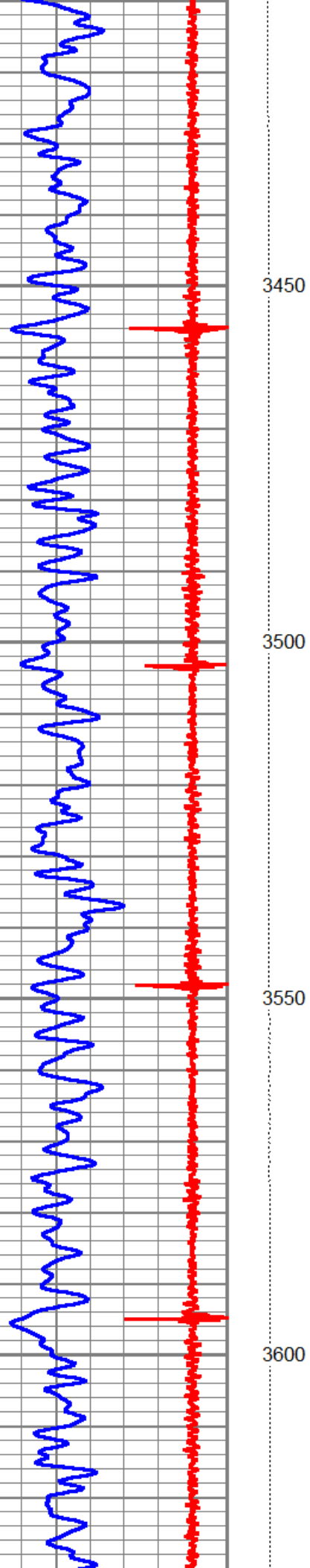
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Top of Cement →

3150





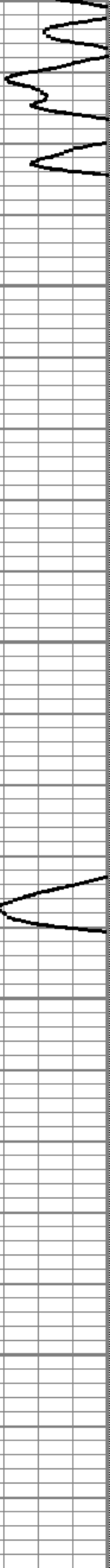
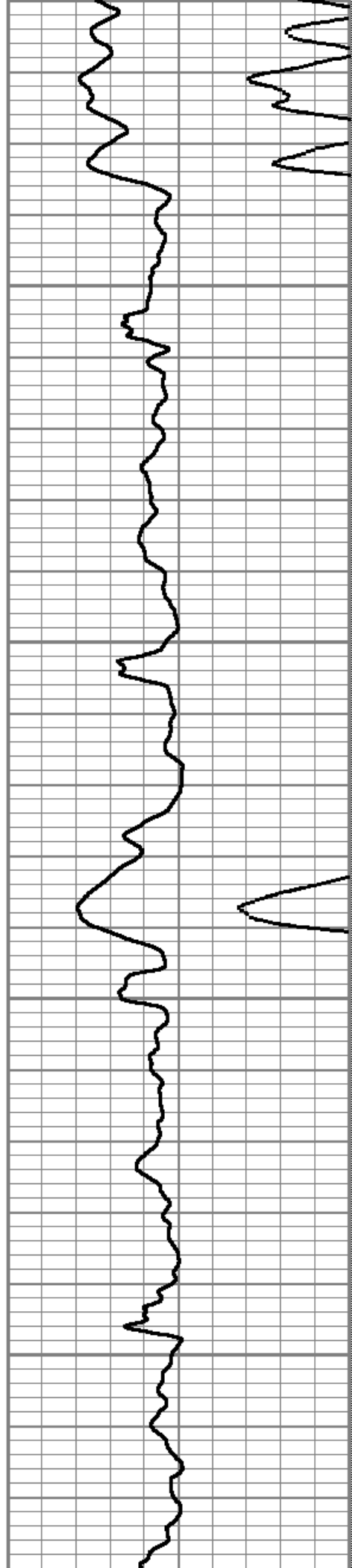


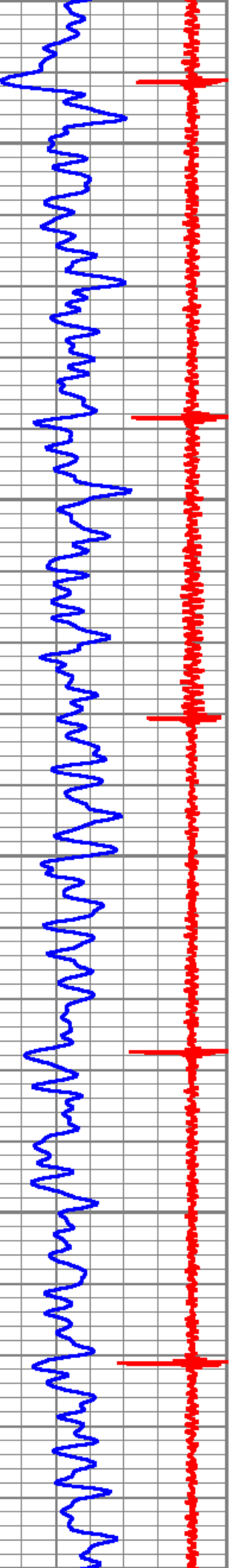
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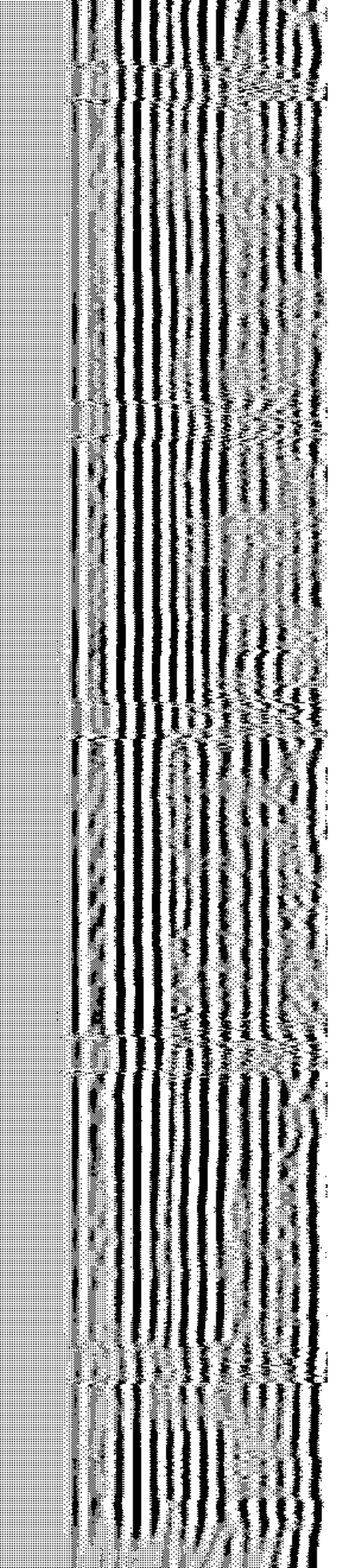
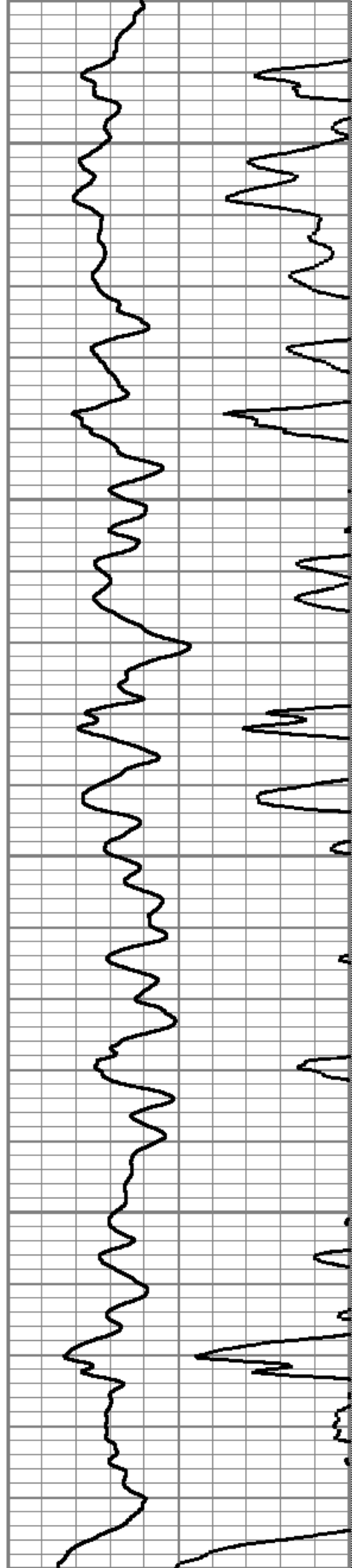
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3600





3650
3700
3750
3800
3850



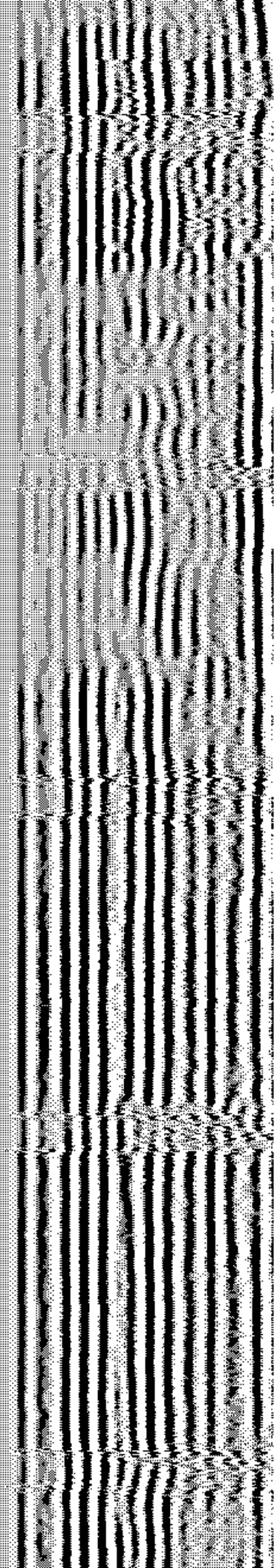
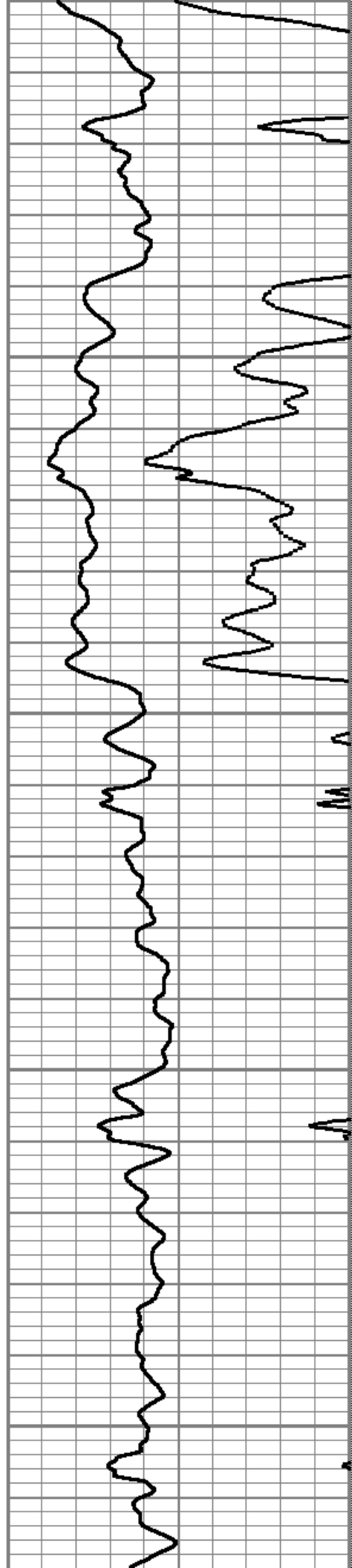
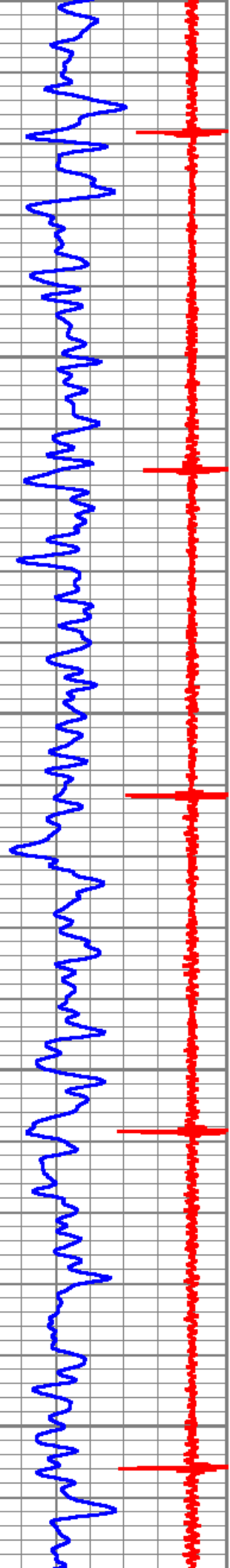
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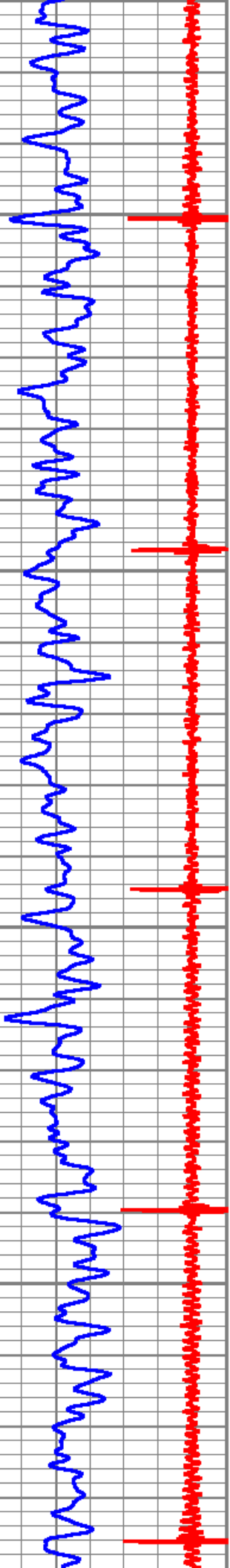
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3950

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4050



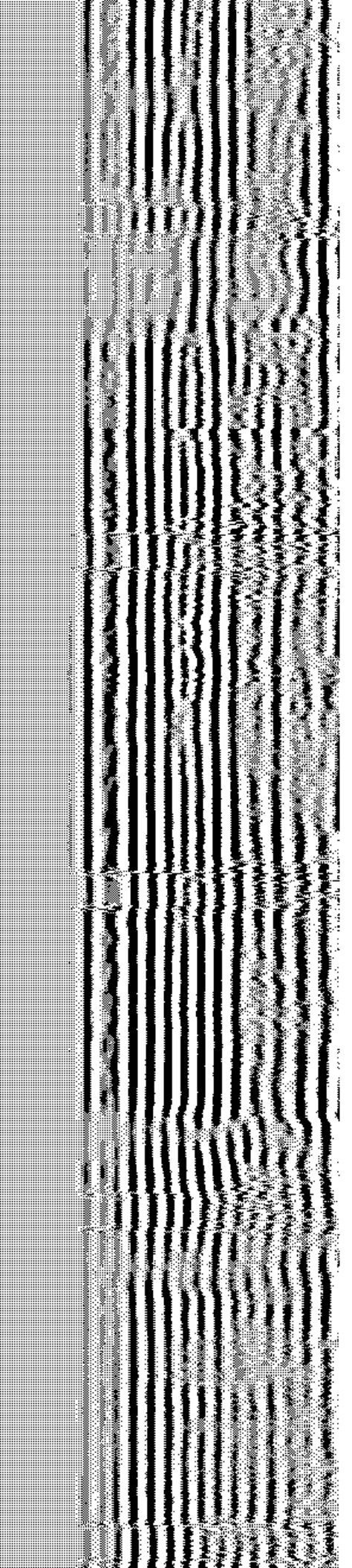
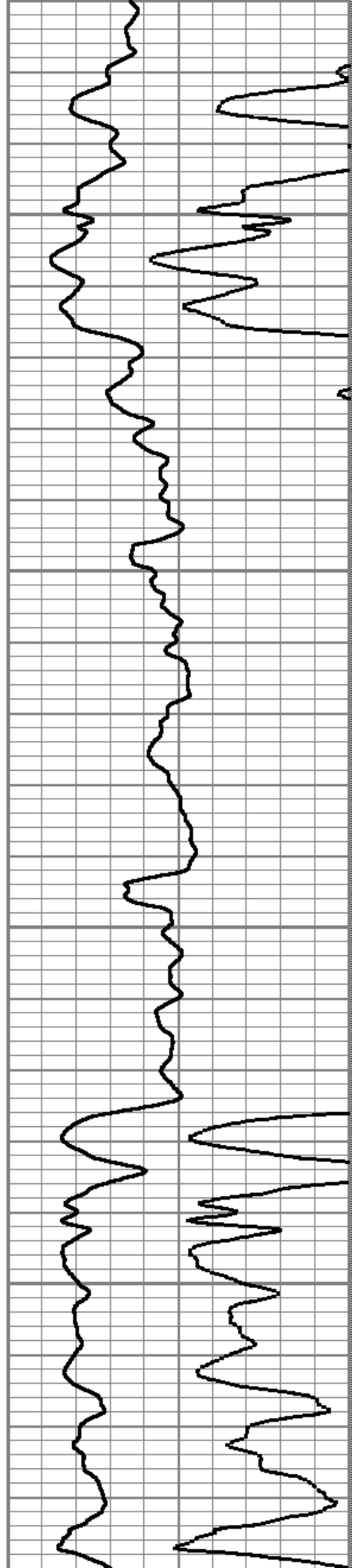


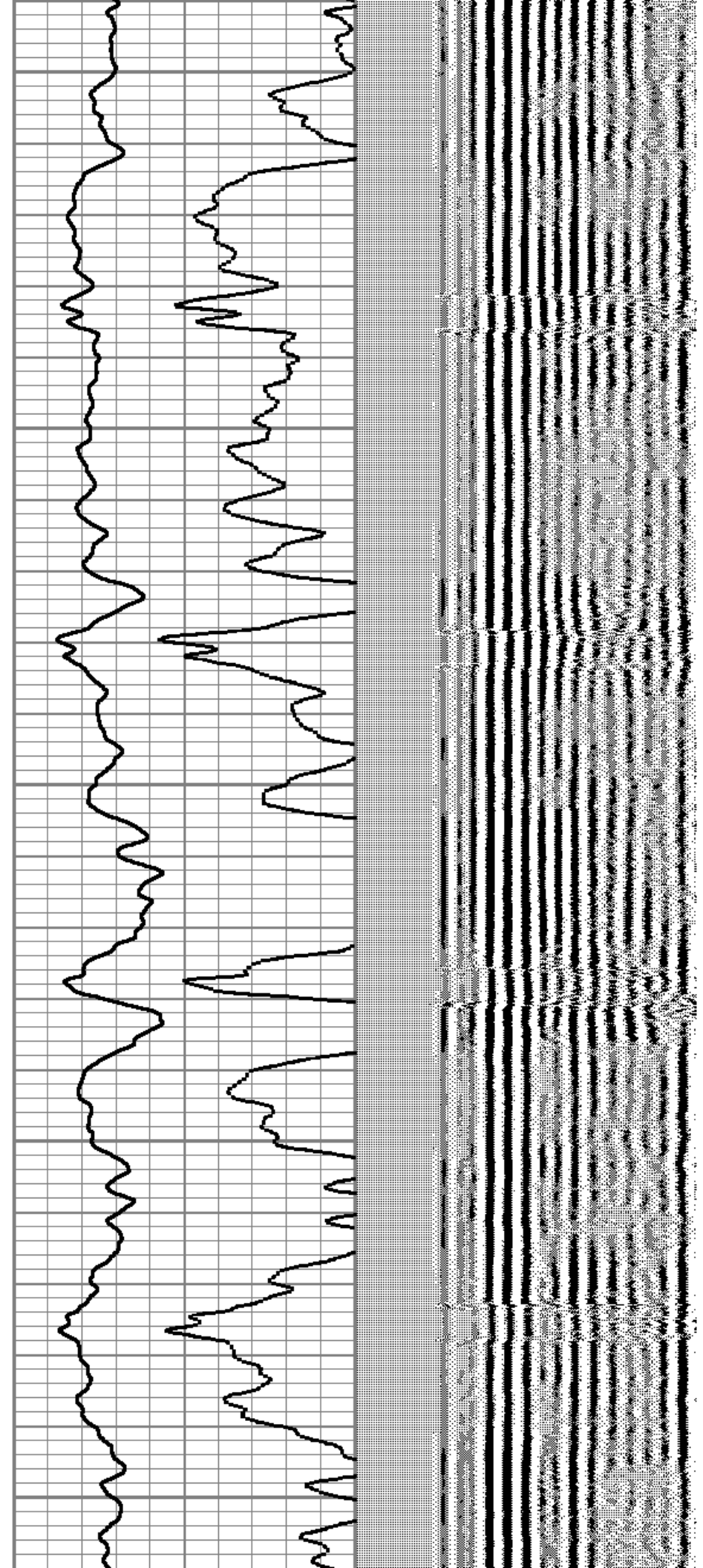
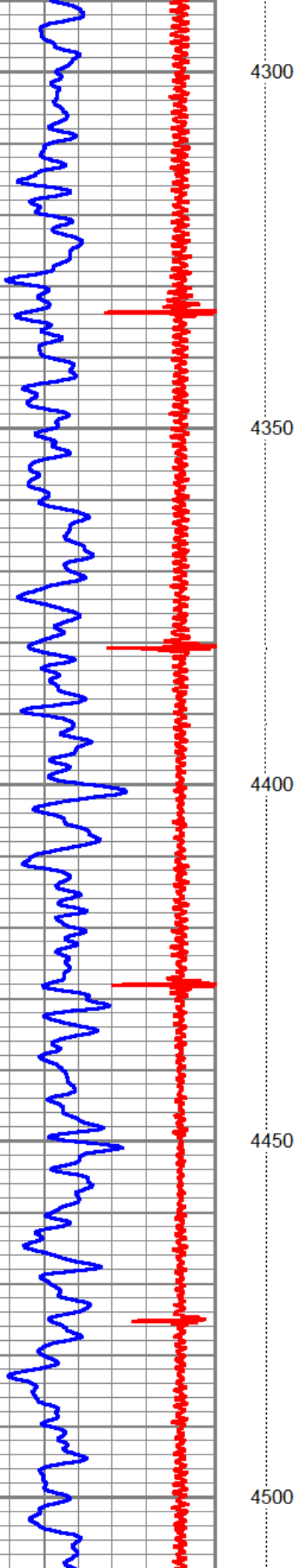
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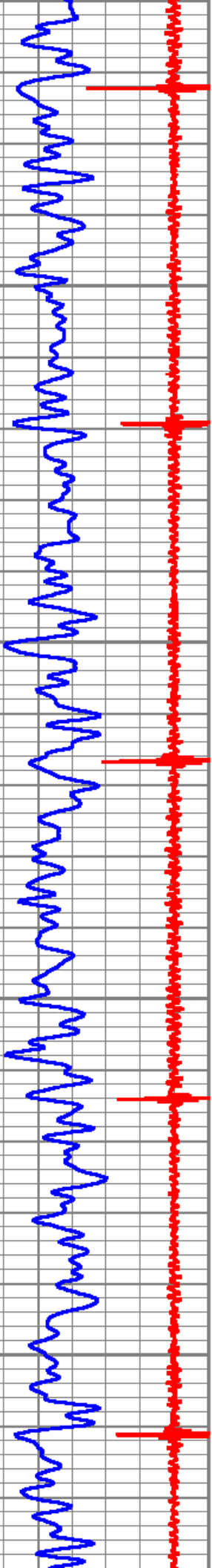
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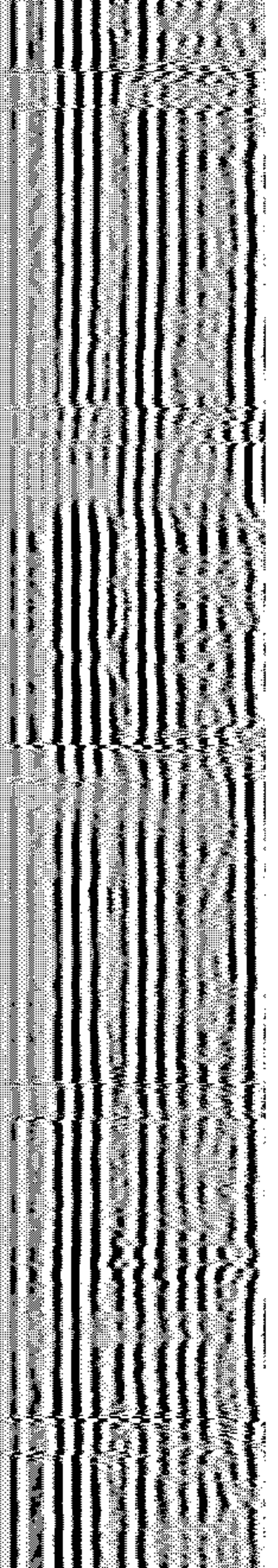
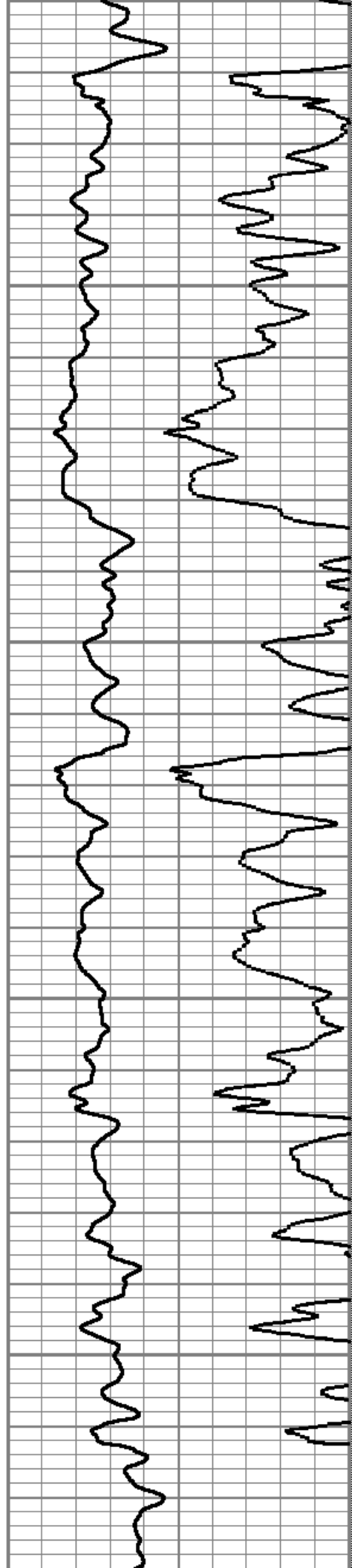


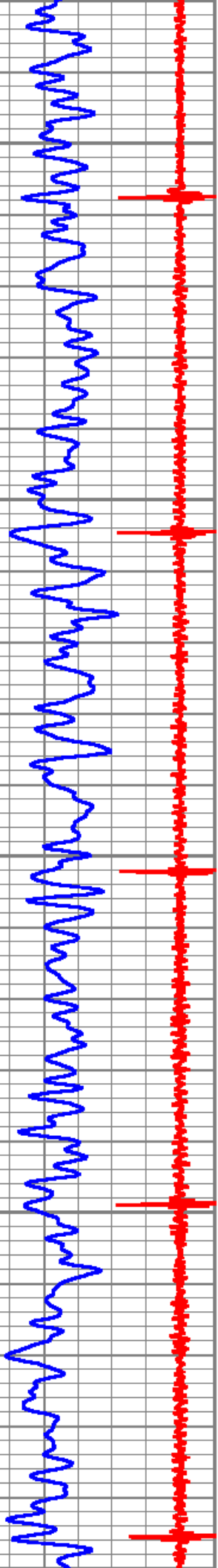
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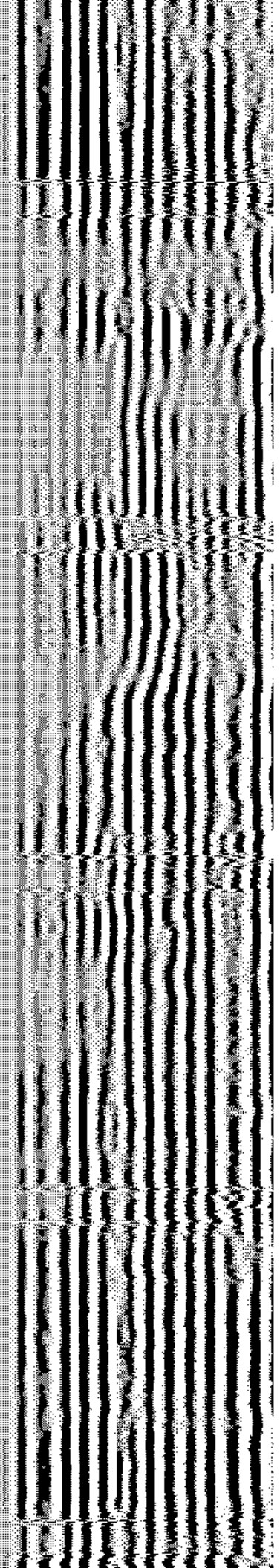
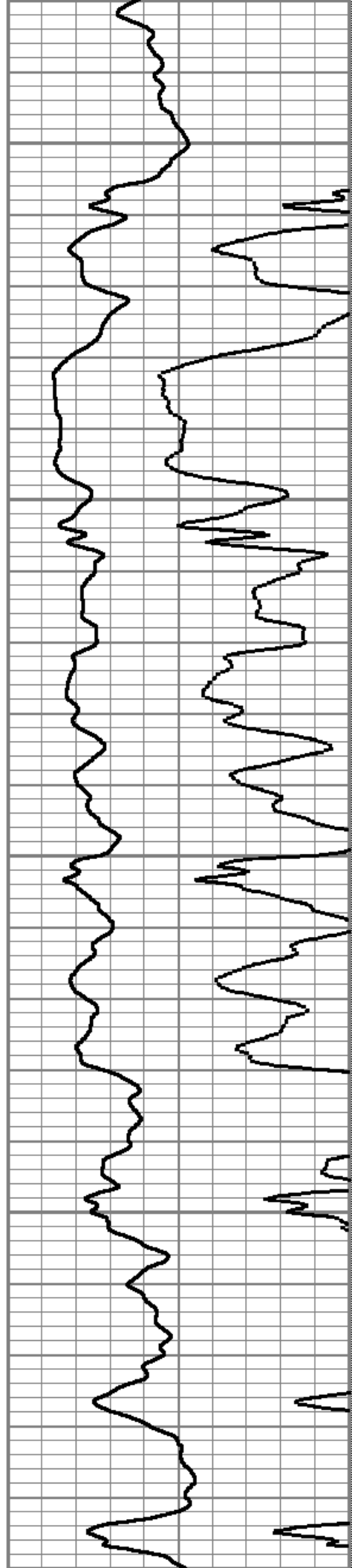
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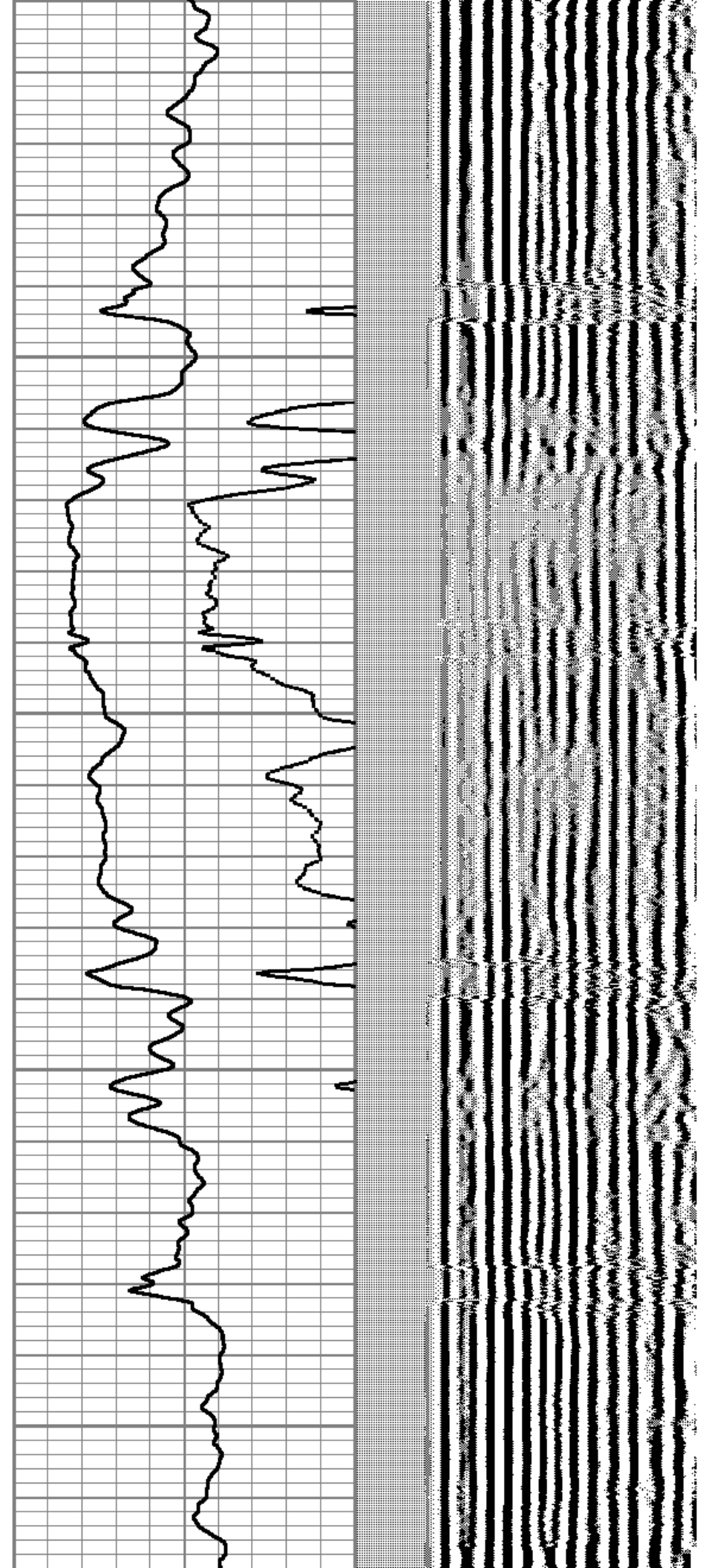
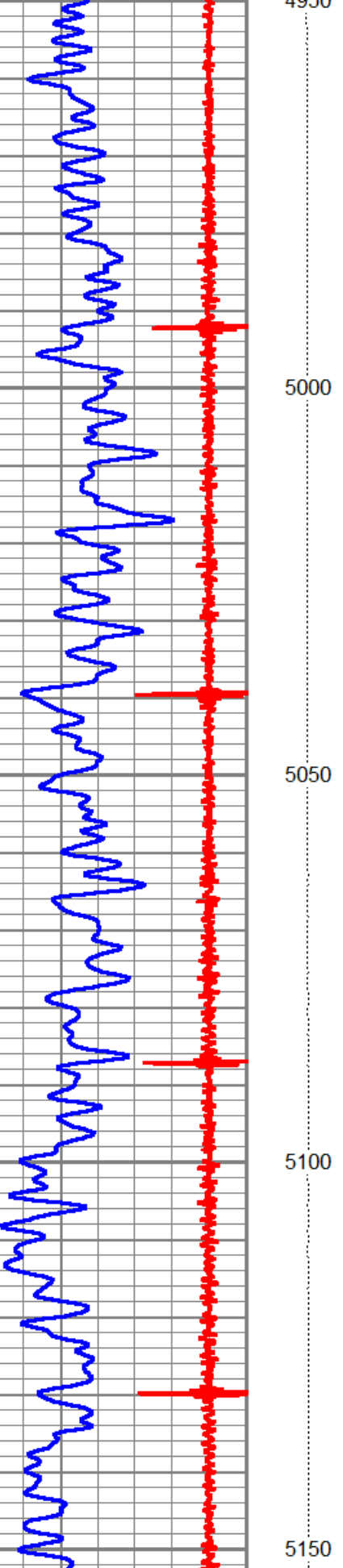
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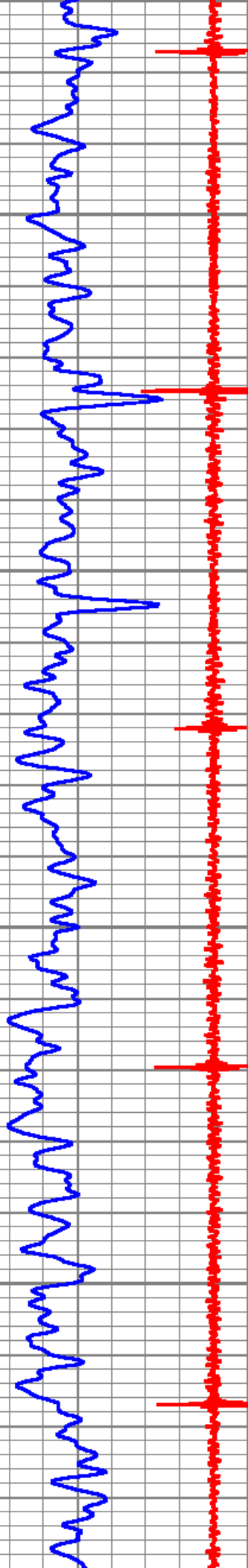




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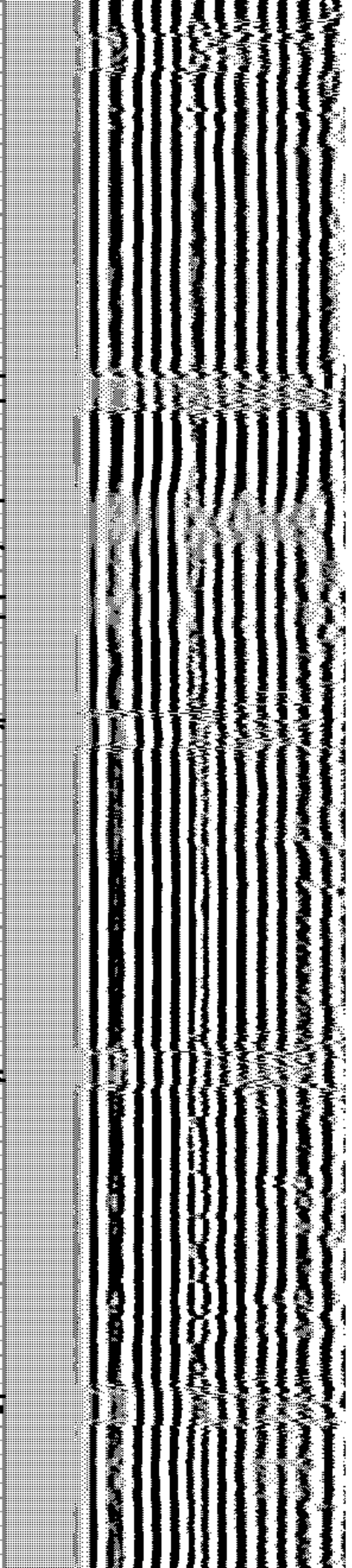
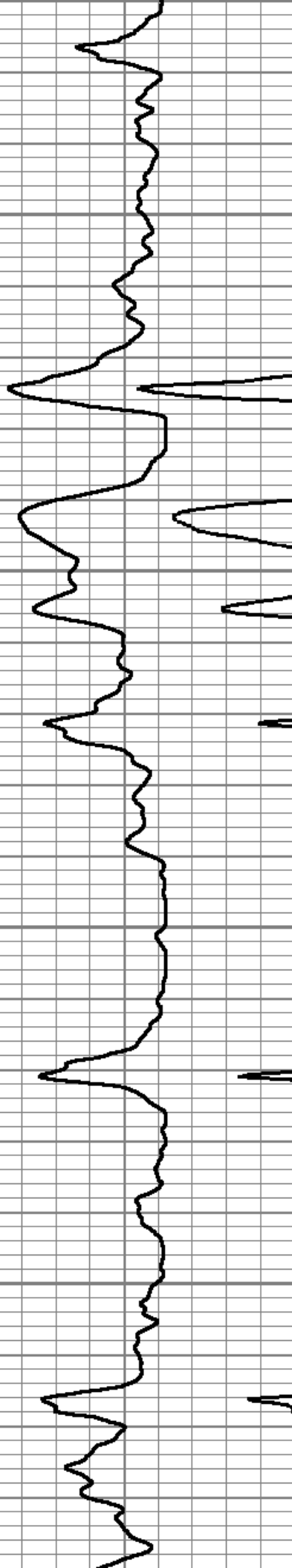


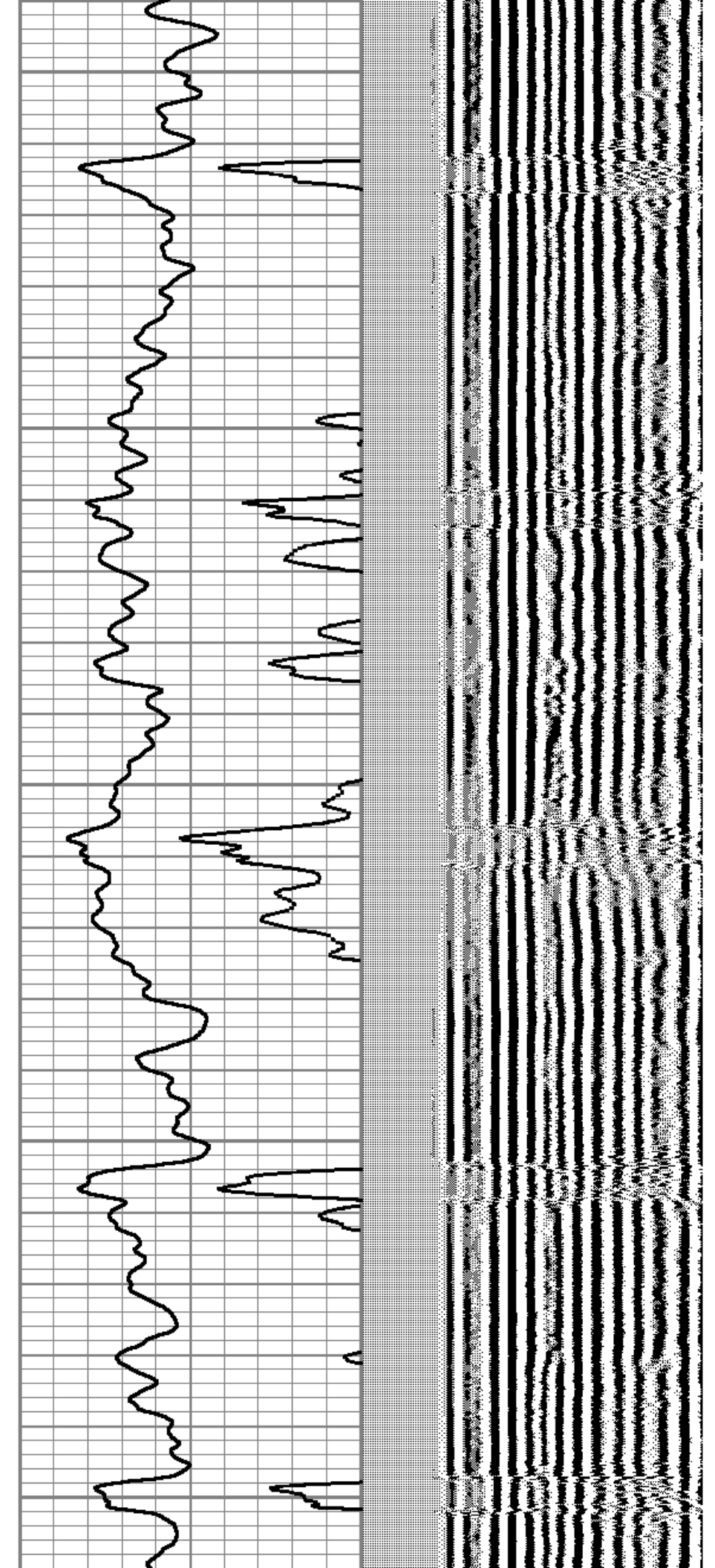
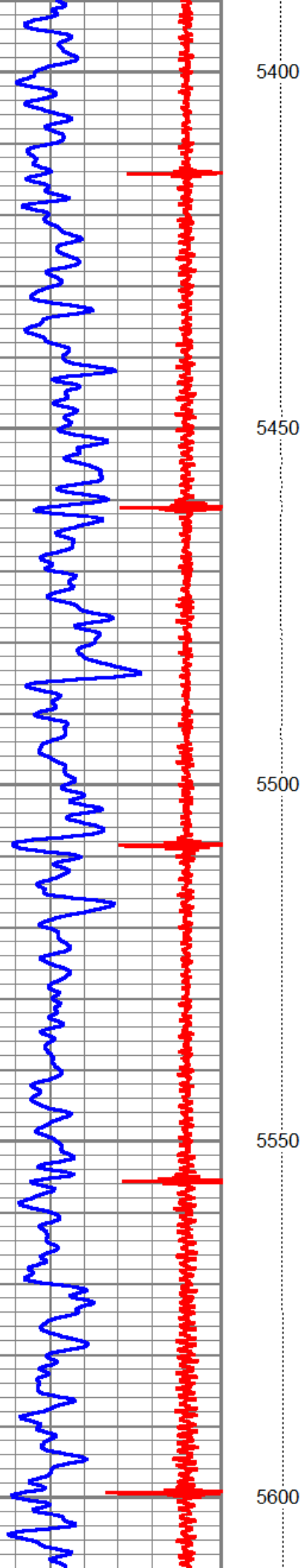
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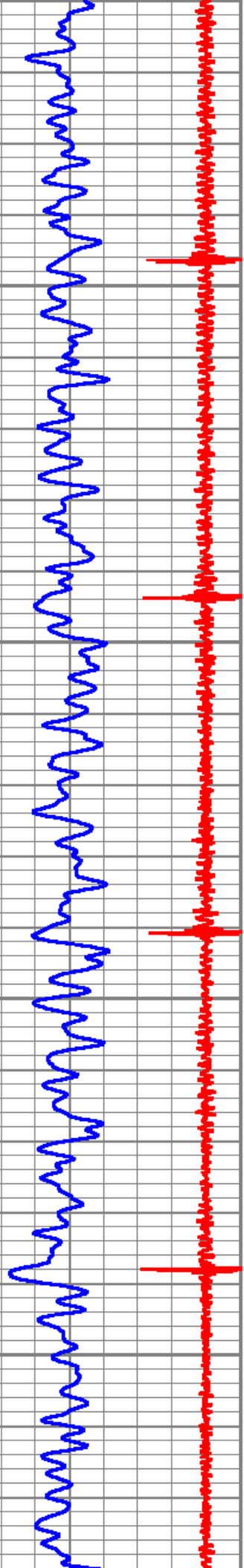
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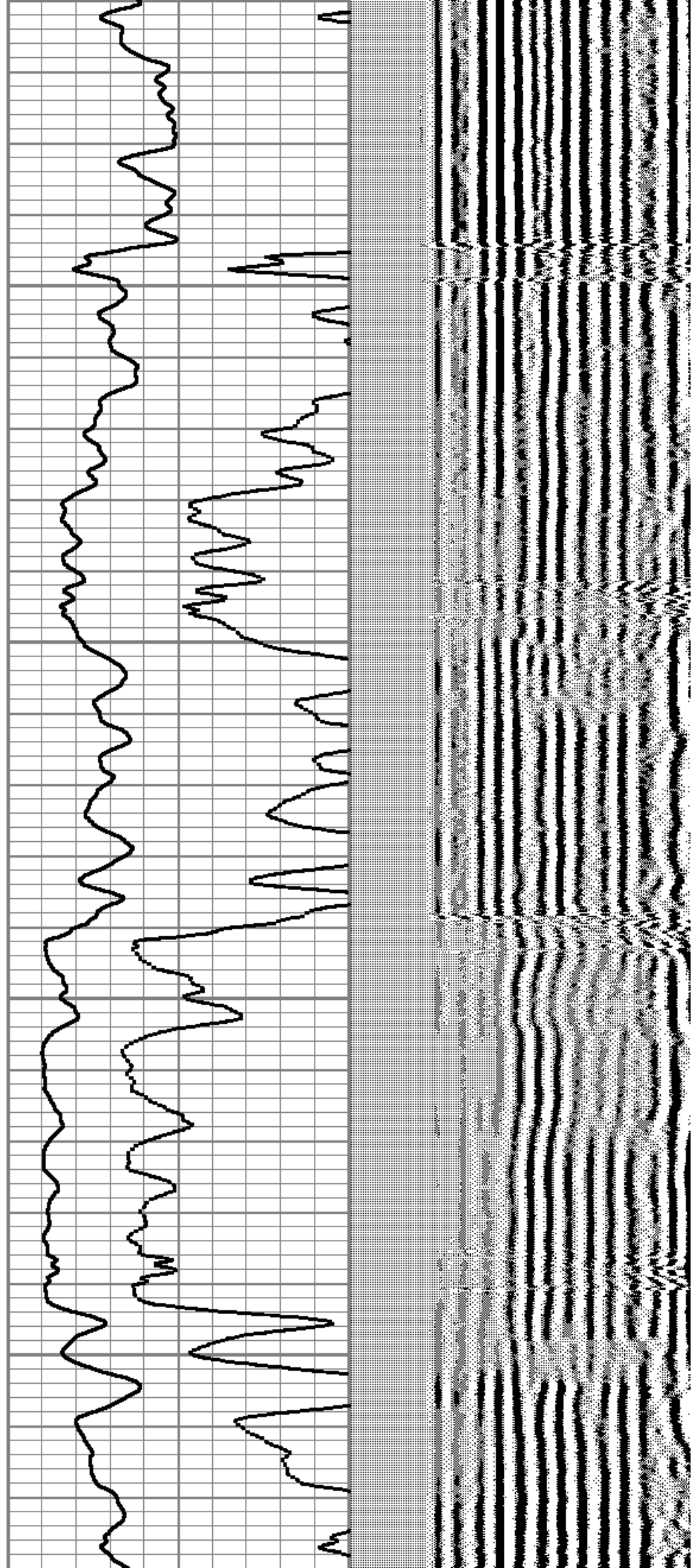


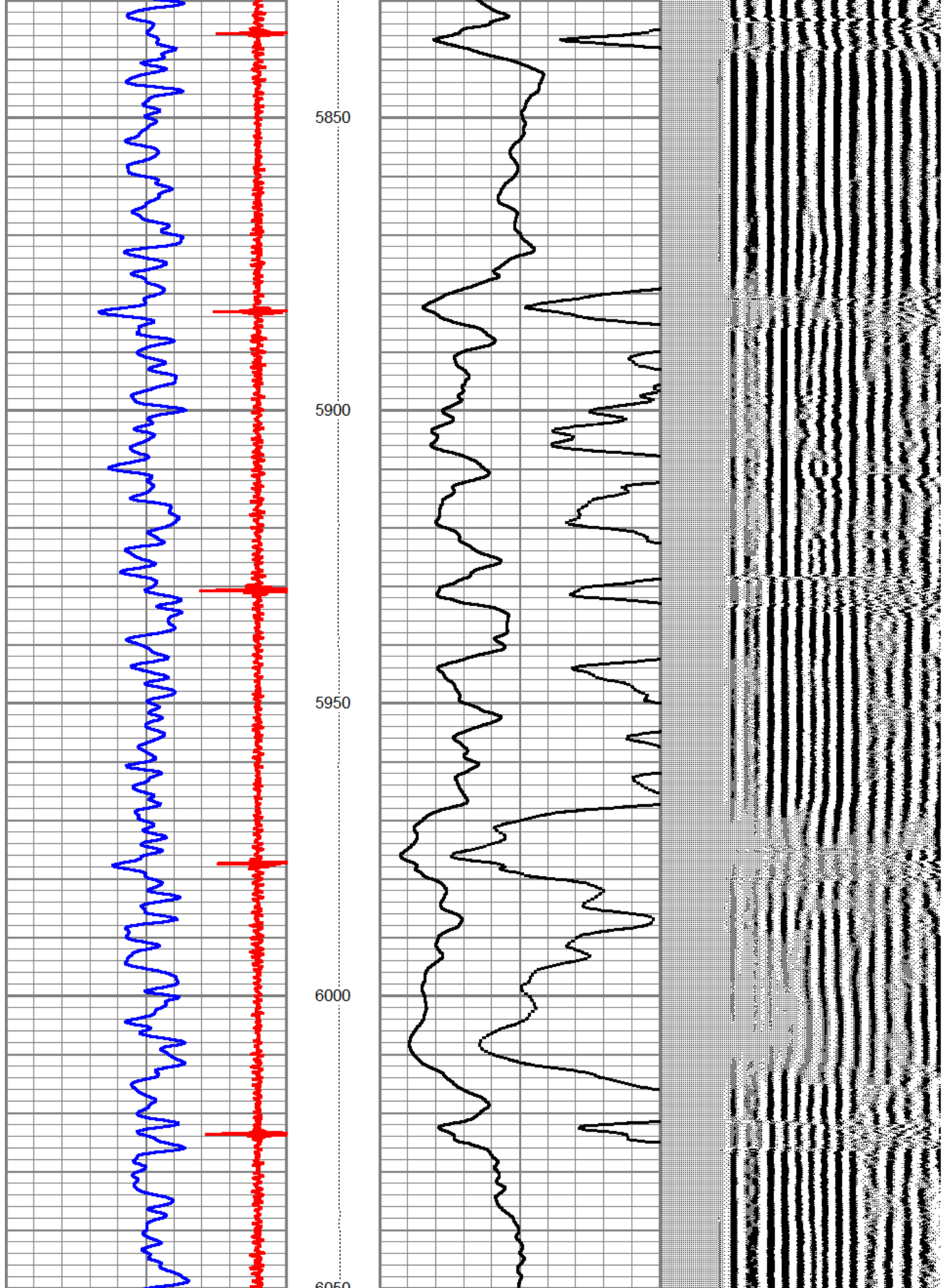
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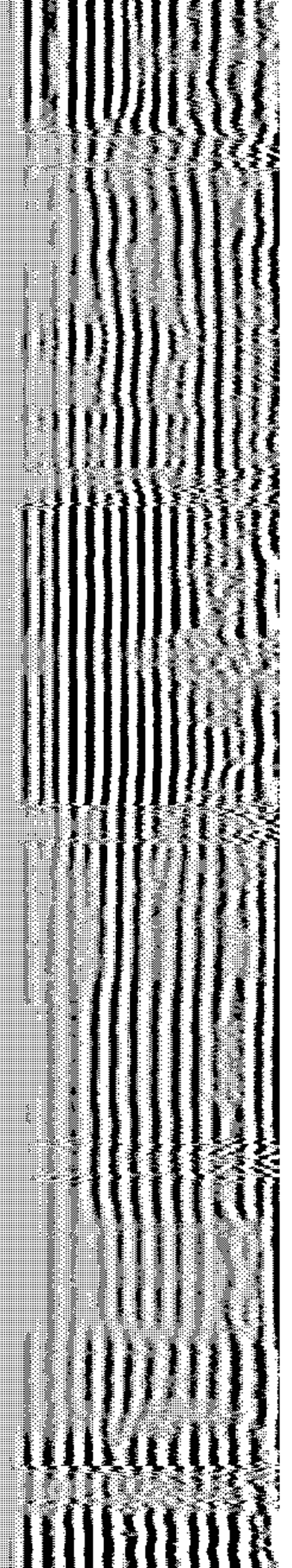
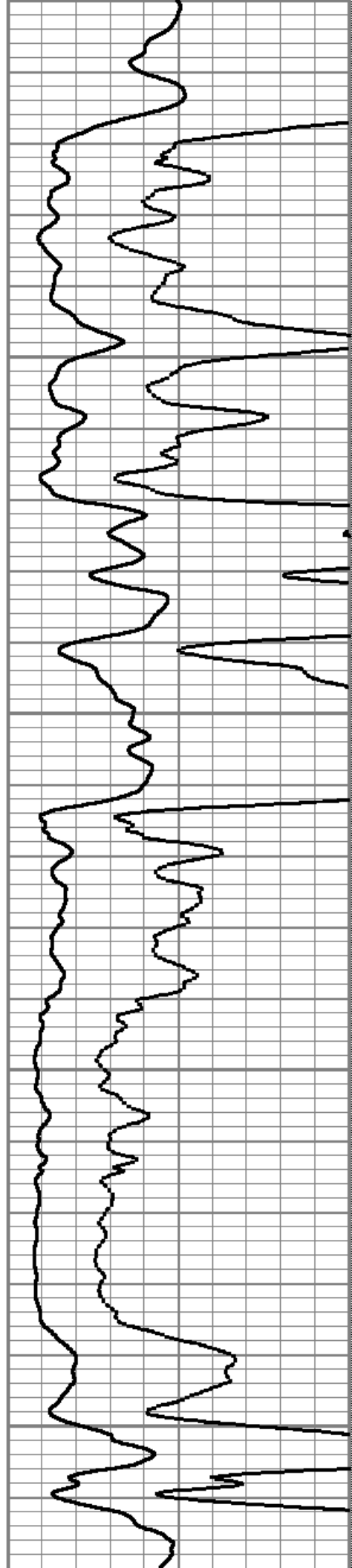
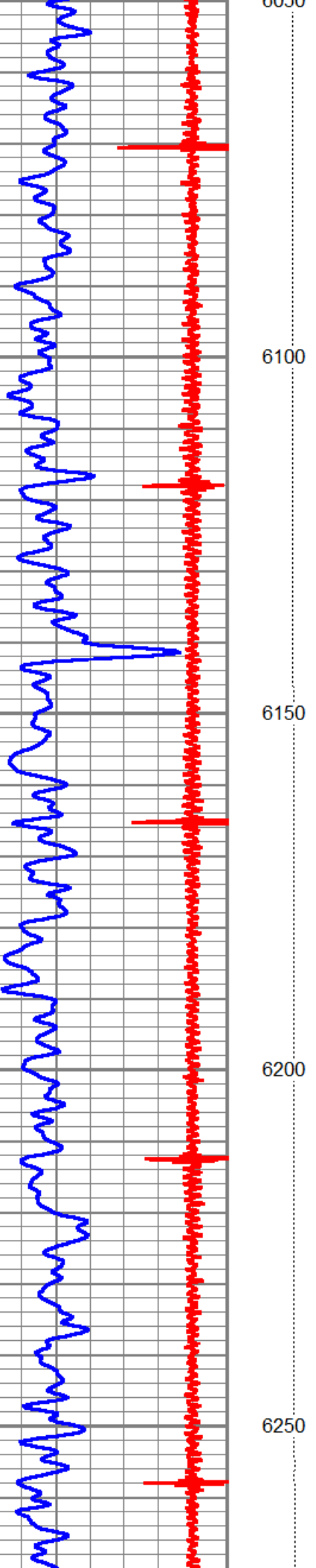
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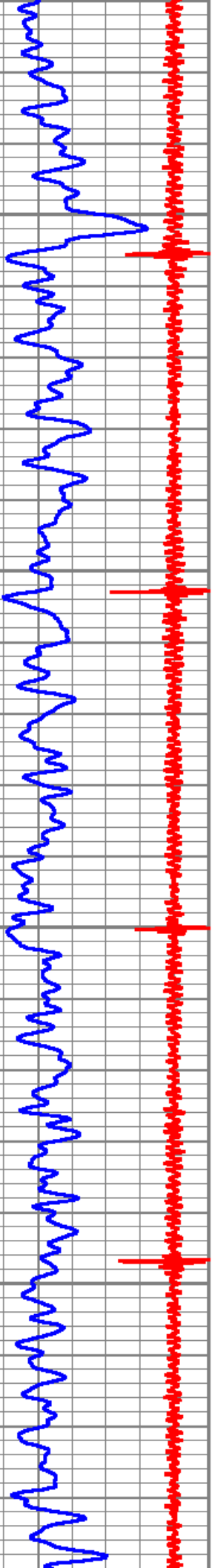
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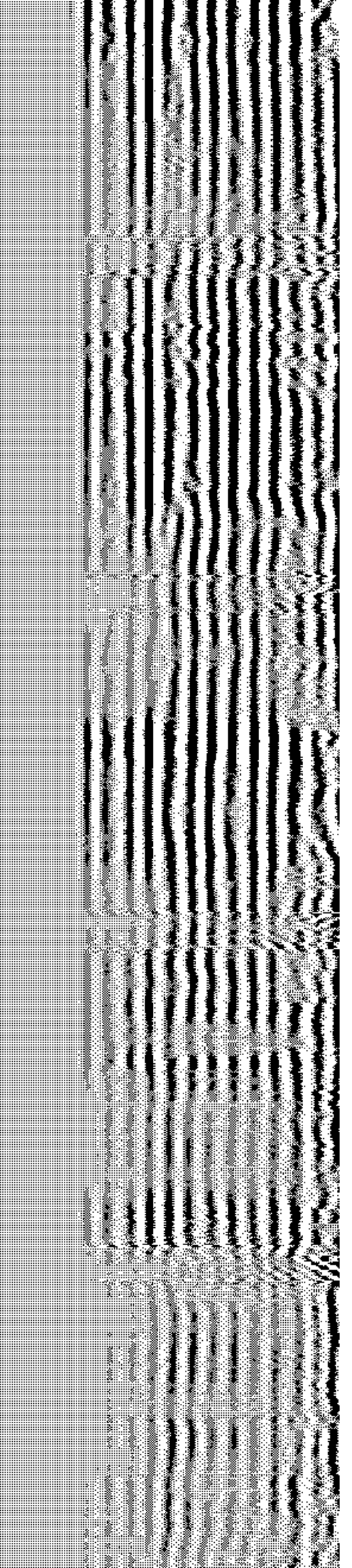
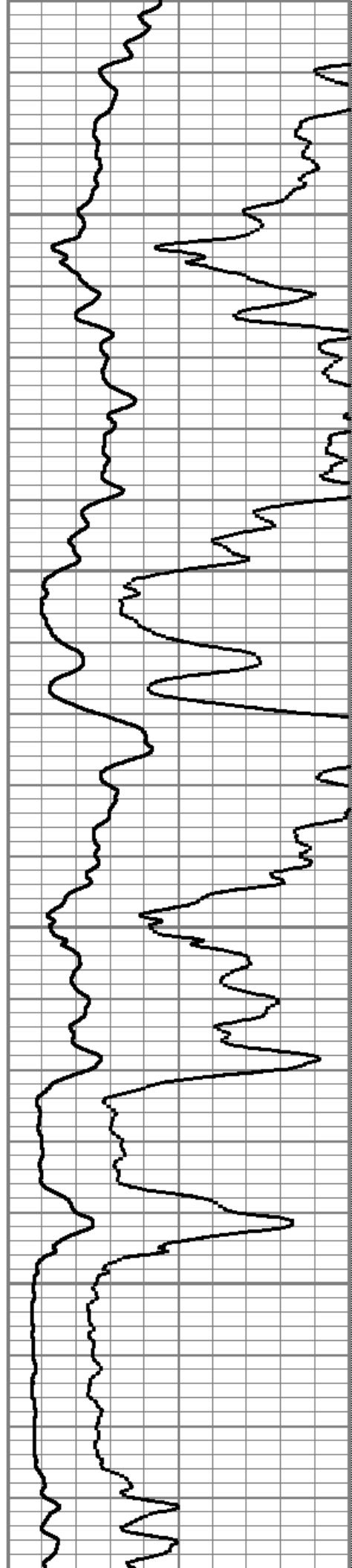


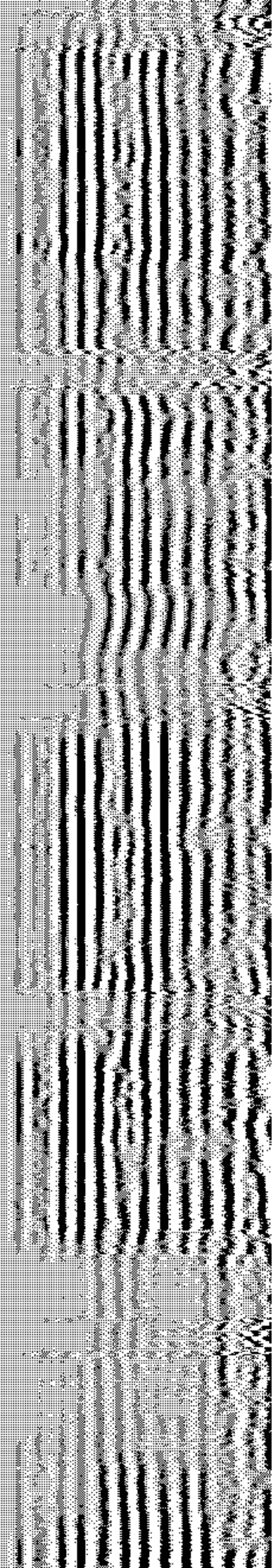
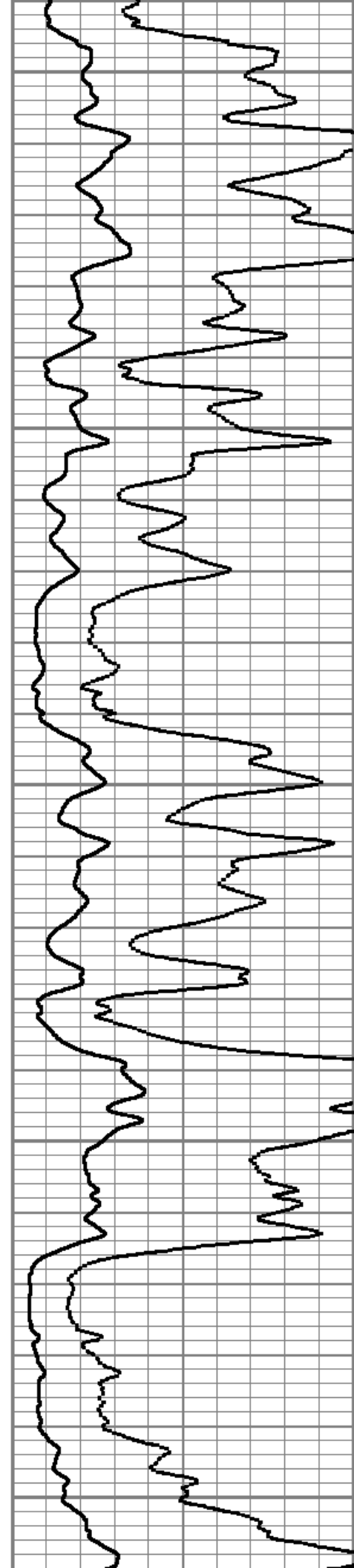
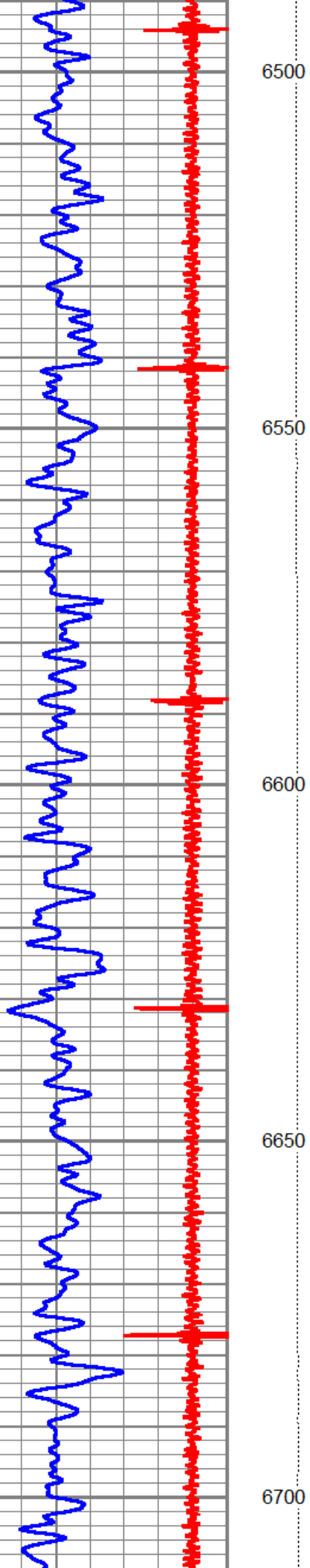
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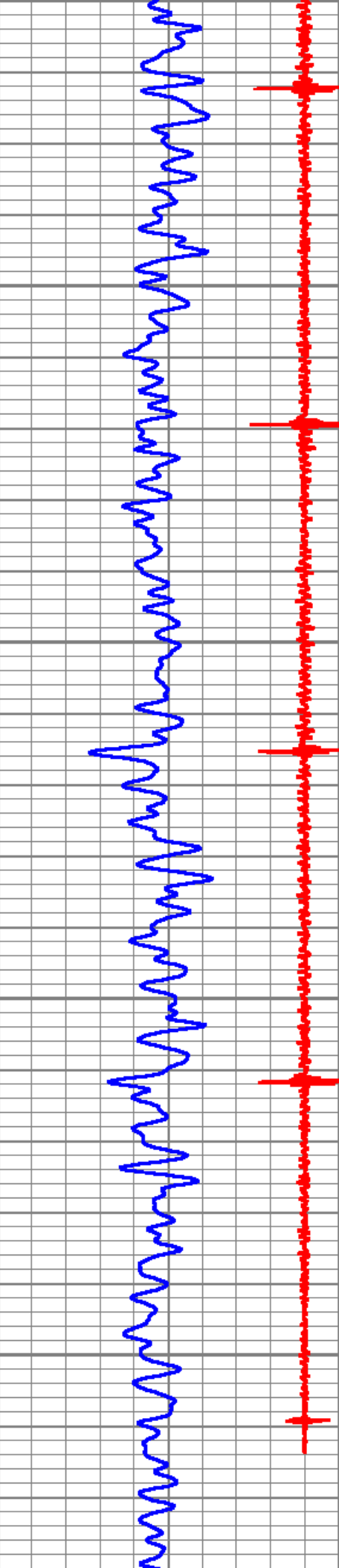
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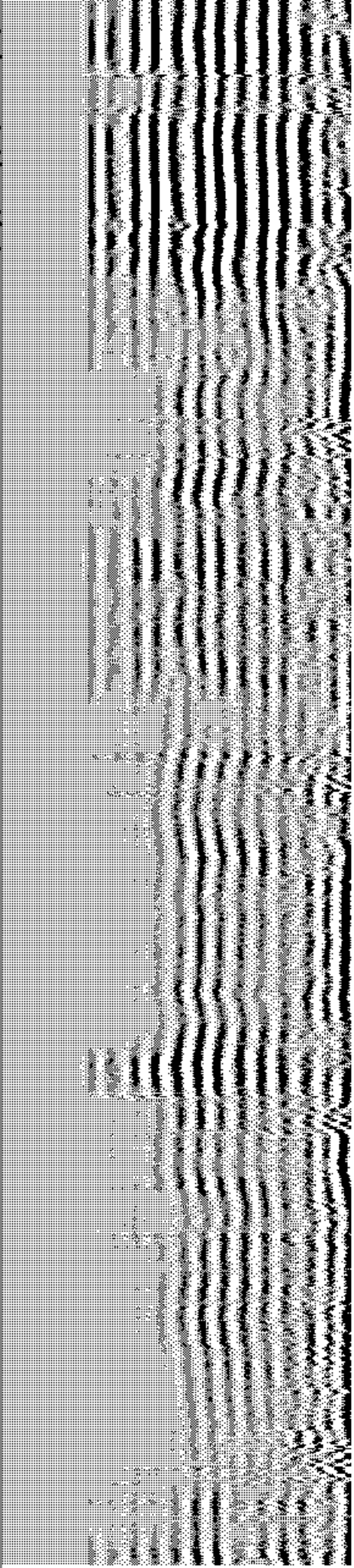
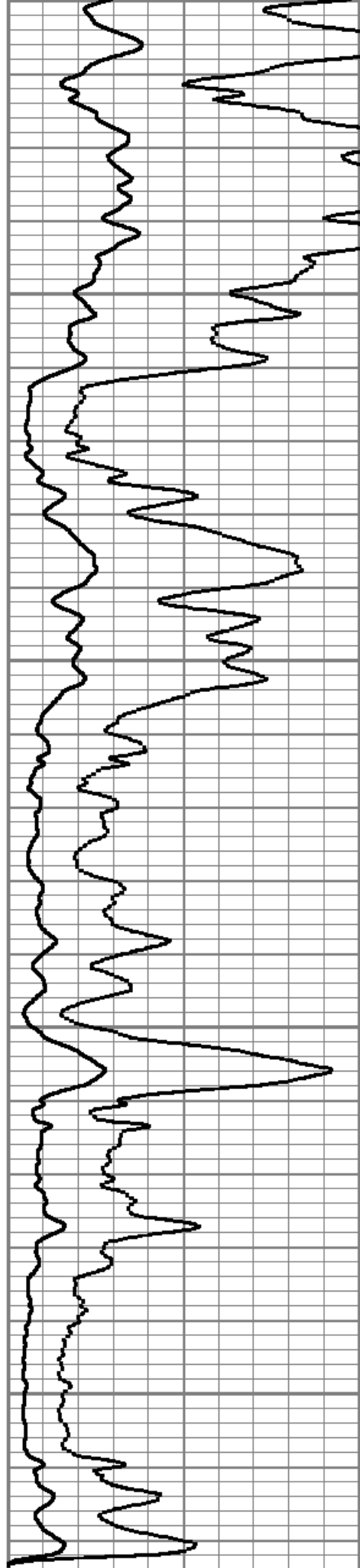


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9	Collar Locator	-1	LTEN	0	Amplified Amplitude (mV)	30	200	Variable Density	1200
0	Gamma Ray (GAPI)	200	0	(lb,2000)	0	Amplitude (mV)	100		