



VDL C.C.L. GAMMA RAY
CEMENT BOND LOG

Pioneer Energy Services

Company KERR-MCGEE OIL AND GAS ONSHORE LP
Well ROLLIE J VINCENT UNIT 1
Field WATTENBERG
County WELD State COLORADO

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Well ROLLIE J VINCENT UNIT 1
Field WATTENBERG
County WELD
State COLORADO

Location: API #: 05123080880000 Other Services
SEC 12 TWP 2N RGE 67W SW SW
Permanent Datum GL Elevation 4853'
Log Measured From KB
Drilling Measured From KB
Elevation
K.B. 4864'
D.F. 4863'
G.L. 4853'

Date NOV. 11, 2013

Run Number	ONE
Depth Driller	7990'
Depth Logger	7004'
Bottom Logged Interval	6992'
Top Log Interval	SURFACE
Open Hole Size	NA
Type Fluid	WATER
Density / Viscosity	NA
Max. Recorded Temp.	NA
Estimated Cement Top	NA
Time Well Ready	NA
Time Logger on Bottom	NA
Equipment Number	24
Location	FORT MORGAN
Recorded By	RANDY AZEVEDO
Witnessed By	TRAUX DEAL

Borehole Record		Tubing Record					
Run Number	Bit	From	To	Size	Weight	From	To

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String				
Prot. String	4.5"	10.5#	SURFACE	7990'
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

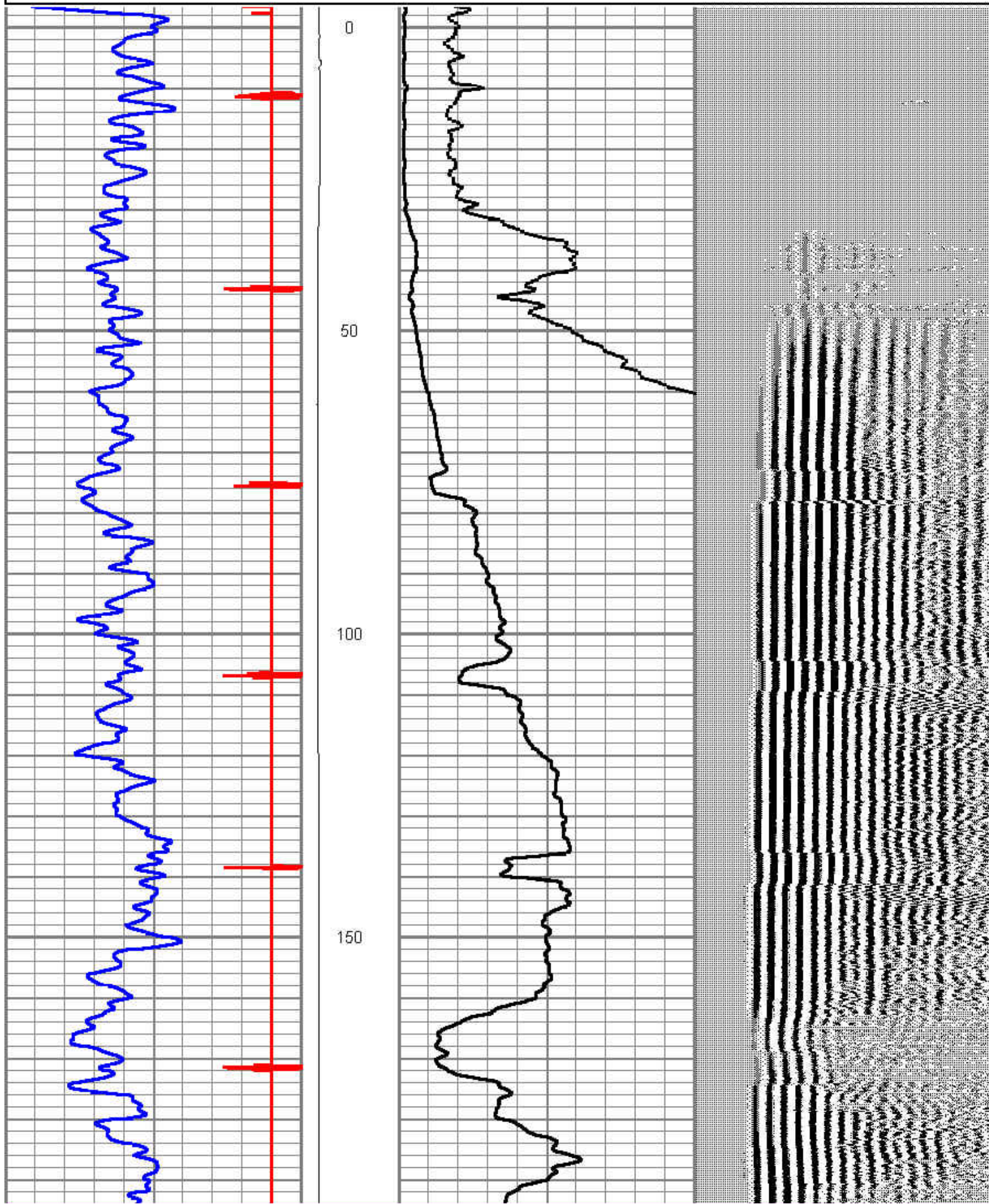
LOG MEASURED FROM GROUND LEVEL
AIR AND GAS BUBBLES SUSPECTED.
WCR. 22 1/2 & WCR 23, E 1/2, S 1/4, SW INTO
THANK YOU FOR USING PIONEER ENERGY SERVICES.
SO # 2-204987

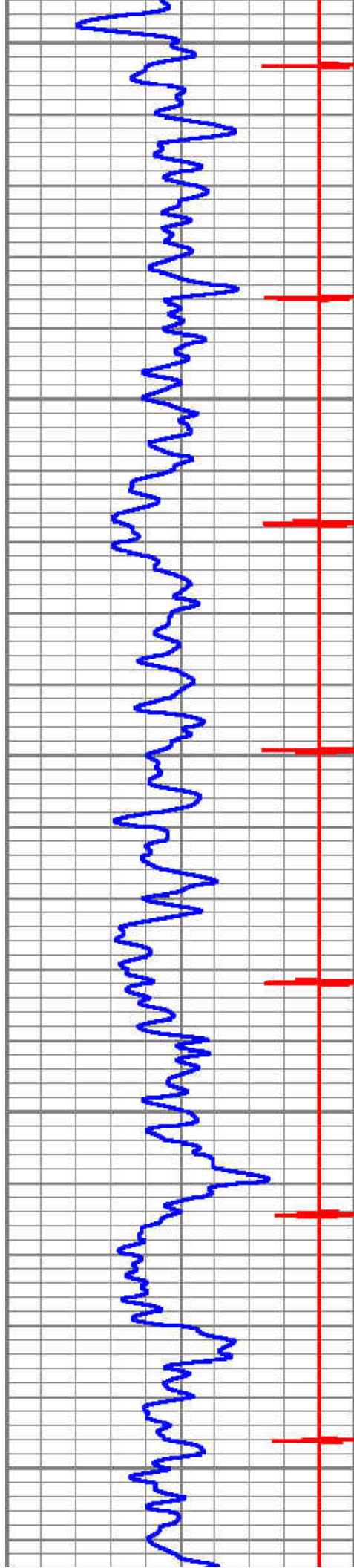
Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			SDSCHD Cable Head for Testing	1.00	1.44	1.00

			cent.-Probe (cent) probe cent.	2.88	2.75	25.00
			cent.-Probe (cent) probe cent.	2.88	2.75	25.00
WVF3	15.35		CBL-Probe (110215) 2.75 digital probe	8.75	2.75	106.50
WVF5	14.35					
			cent.-Probe (cent) probe cent.	2.88	2.75	25.00
CCL	7.00		CCL-Probe (081119)	2.02	2.75	
GR	3.67		GR-Probe275dig (110249) Probe Digital Gamma-Ray	3.33	2.75	57.00
			cent.-Probe (cent) probe cent.	2.88	2.75	25.00
Dataset: vincent unit 1 cbl.db: field/well/run1/pass7 Total Length: 26.60 ft Total Weight: 264.50 lb O.D.: 2.75 in						

Database File: vincent unit 1 cbl.db
 Dataset Pathname: pass7
 Presentation Format: cbl_dr
 Dataset Creation: Mon Nov 11 15:37:48 2013 by Log SCH 120420

9	Collar Locator	-1	LTEN	0	Amplified Amplitude (mV)	10	200	Variable Density	1200
0	Gamma Ray (GAPI)	150	0 (lb)1000	0	Amplitude (mV)	100			





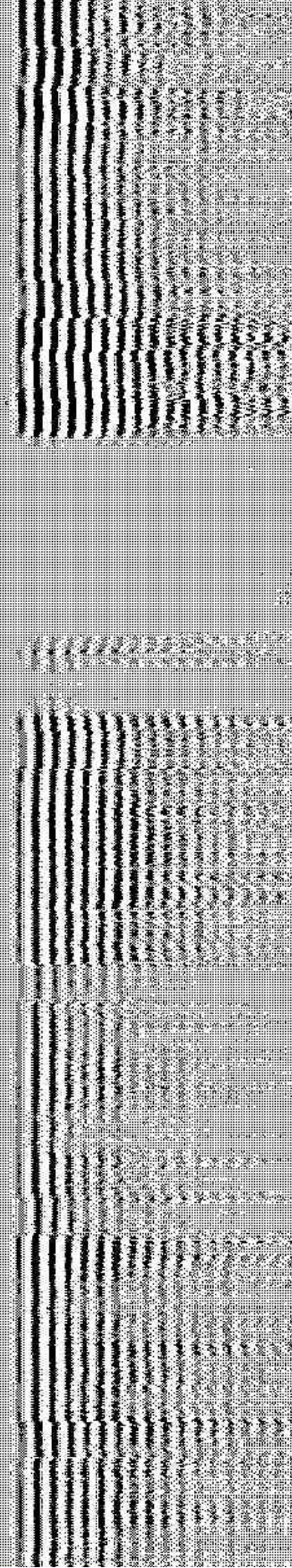
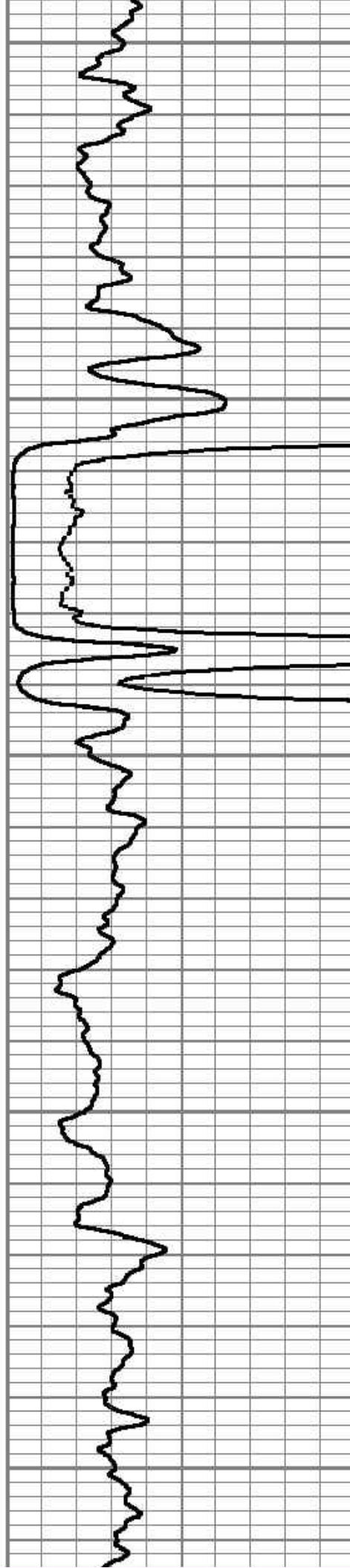
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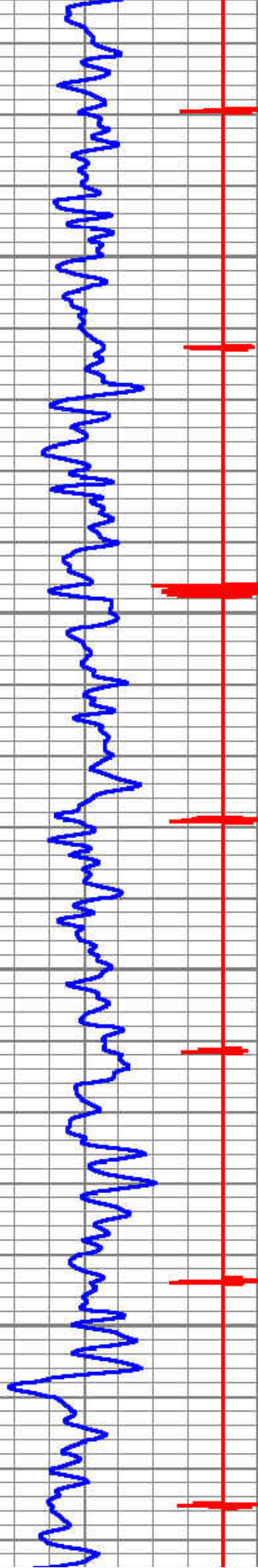
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300

350

400



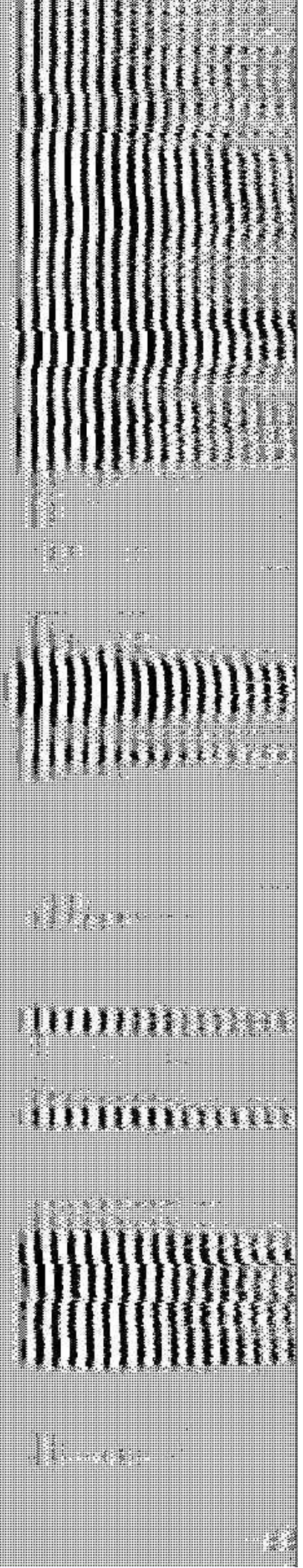
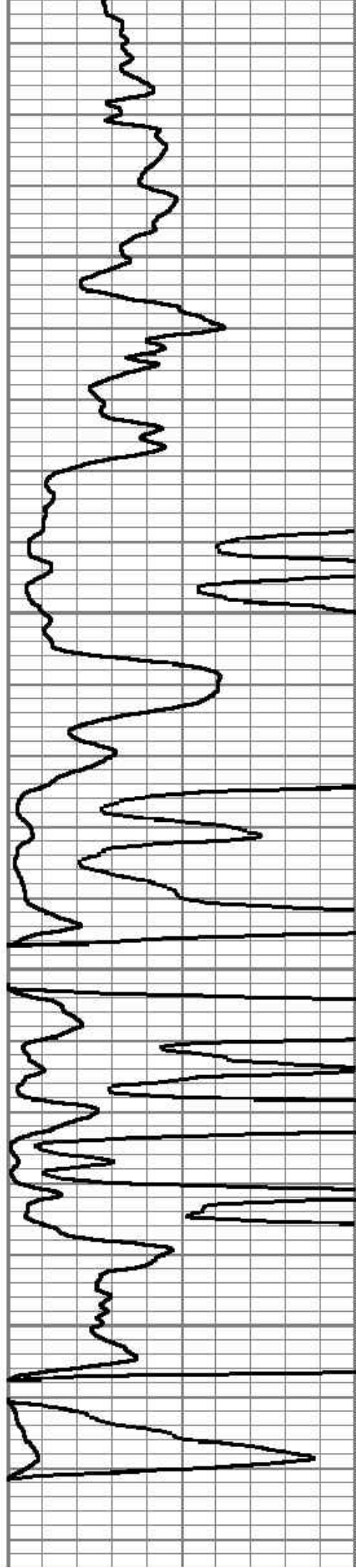


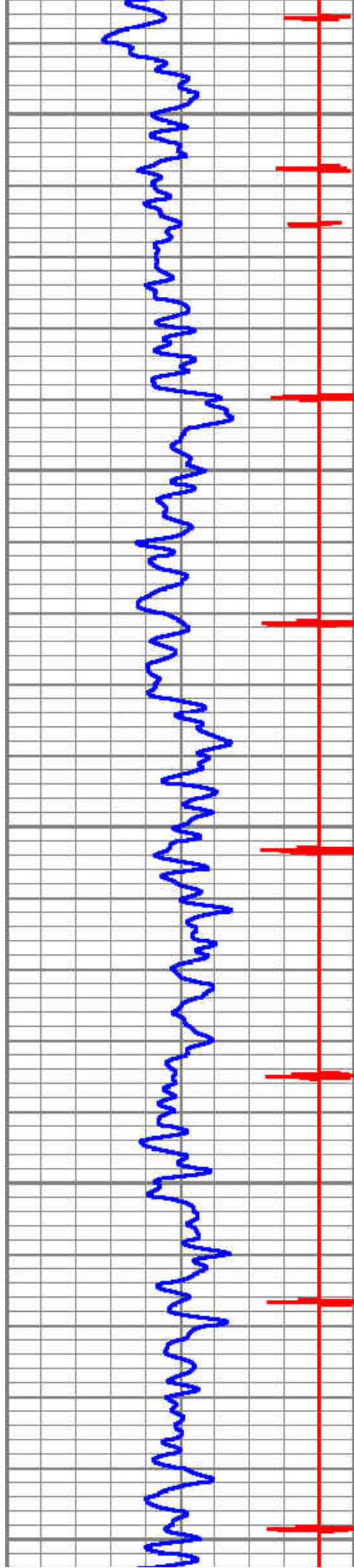
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500

550

600





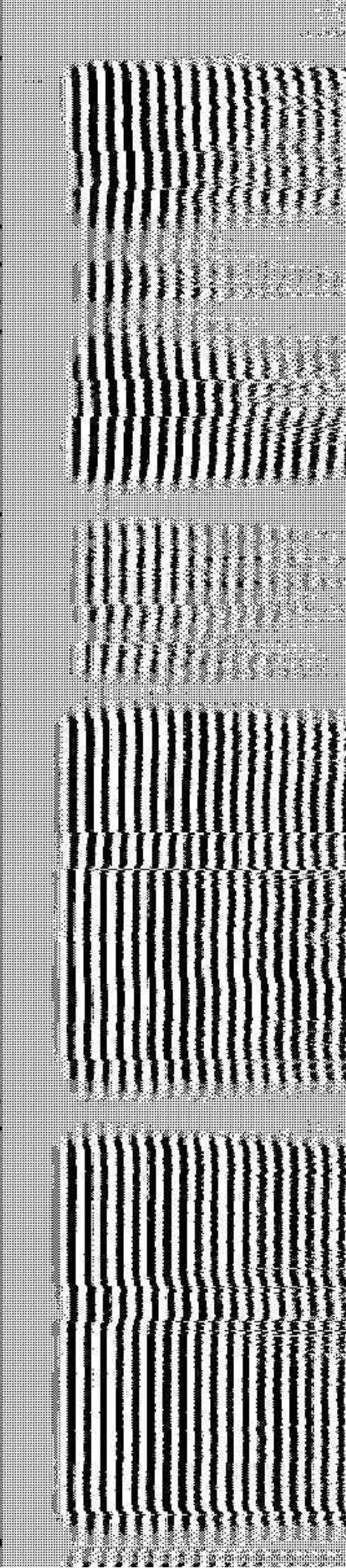
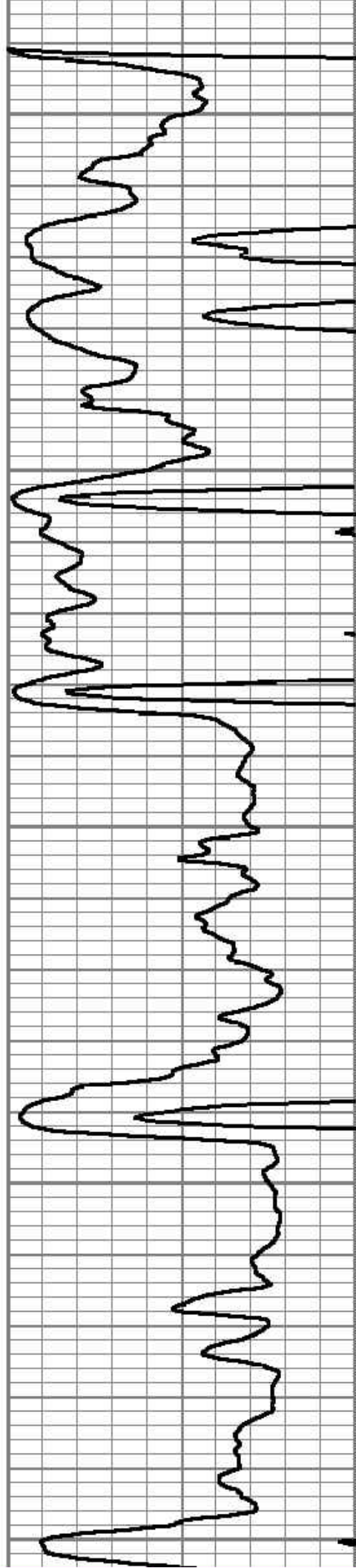
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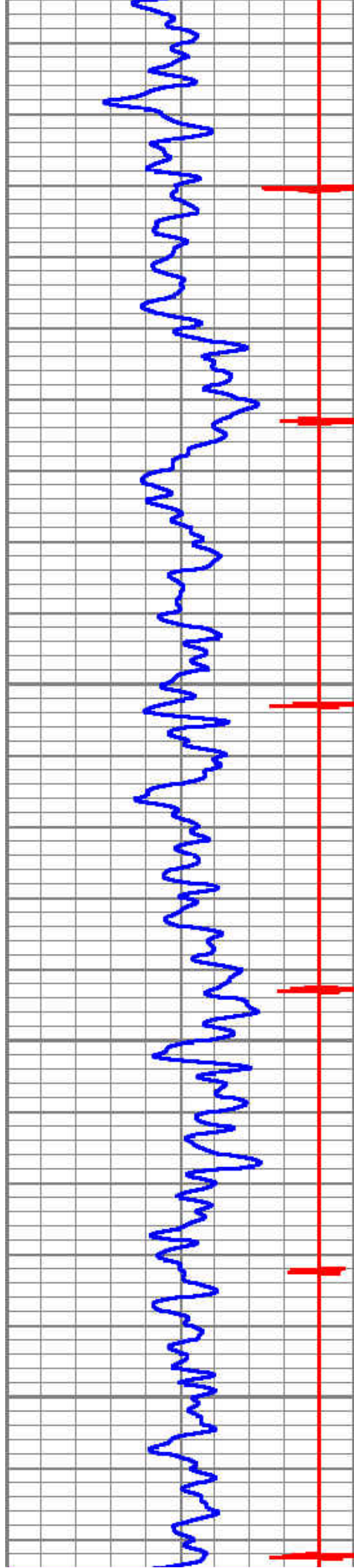
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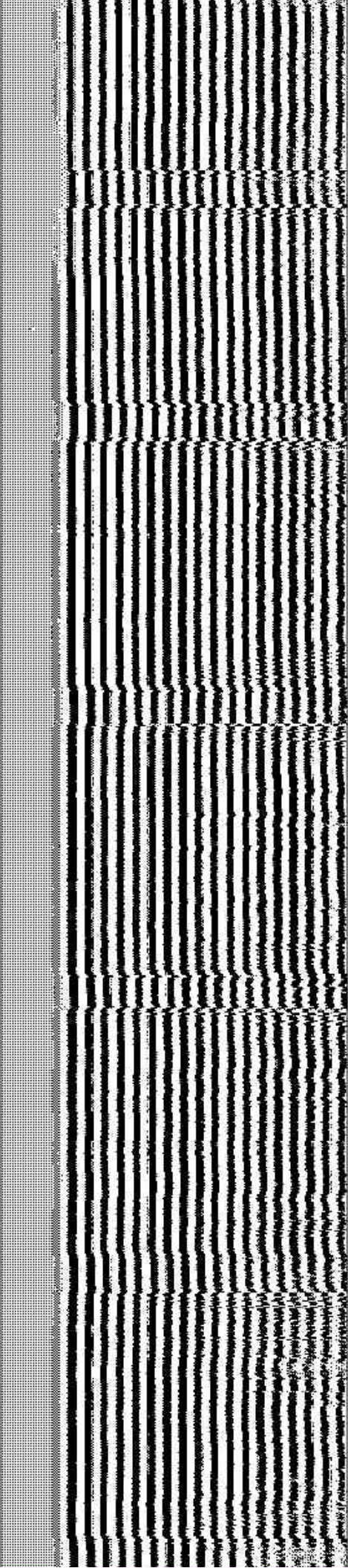
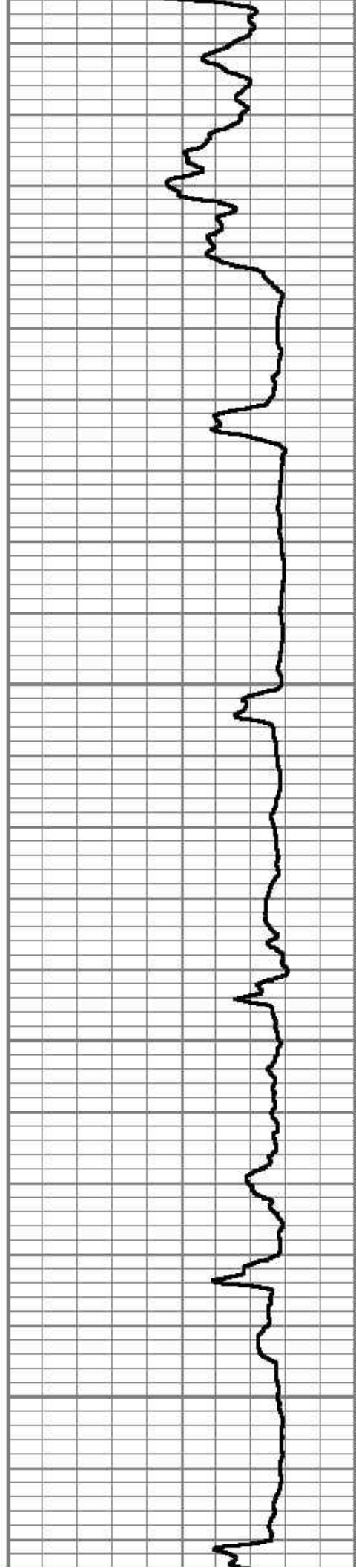


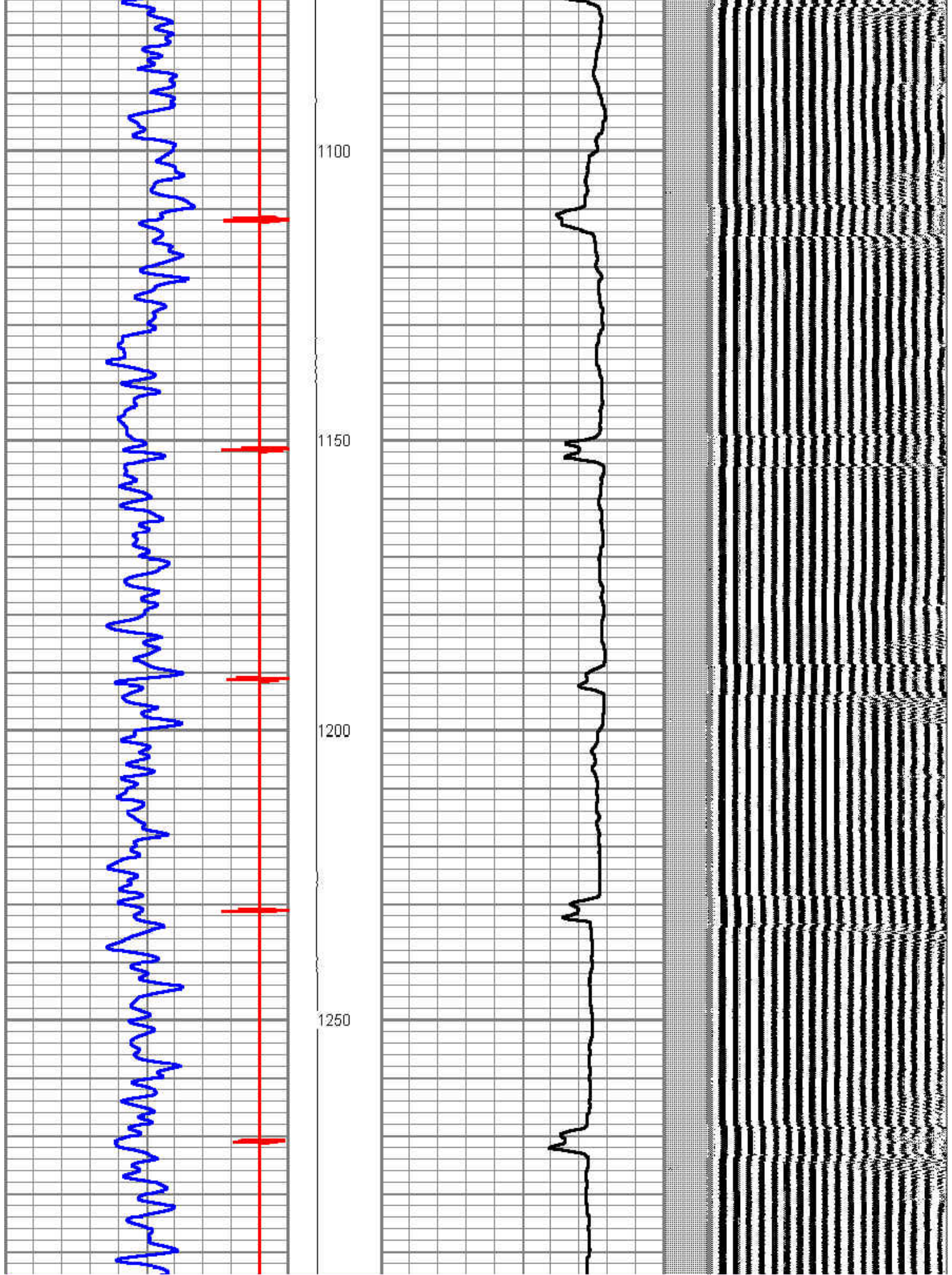
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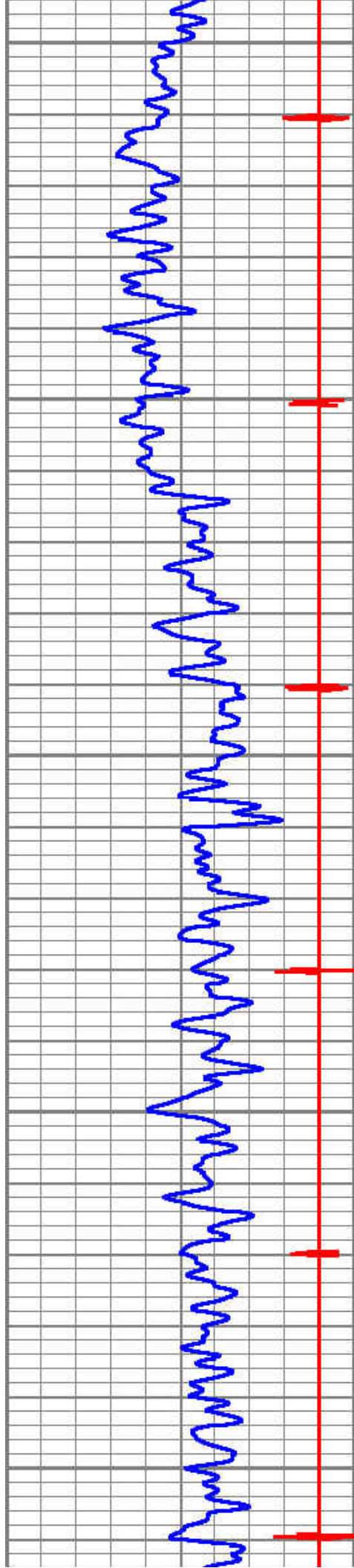
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1000

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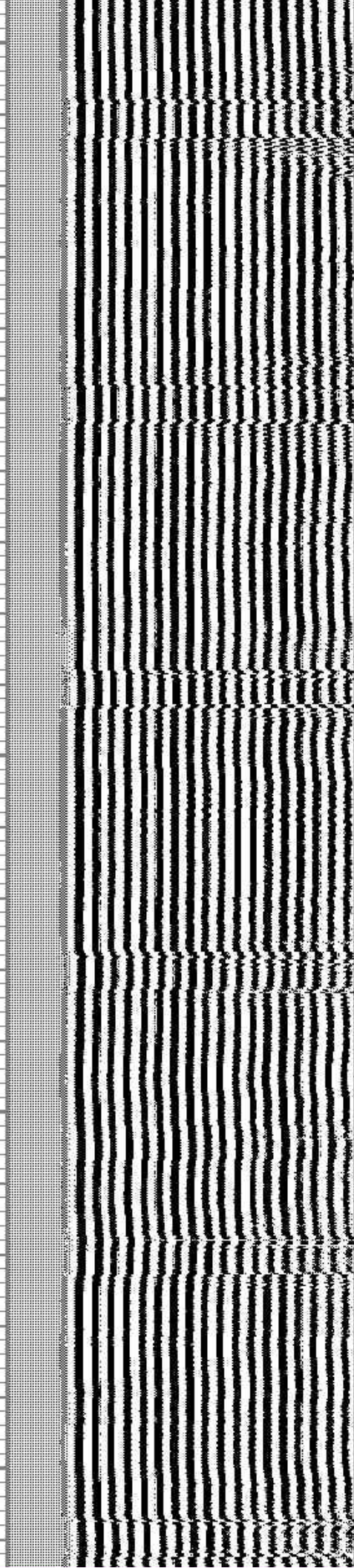
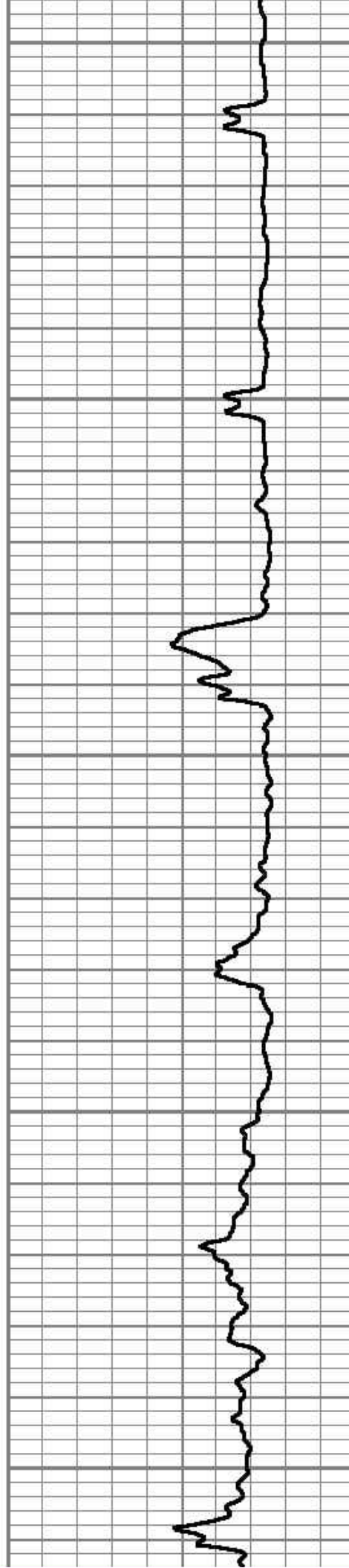
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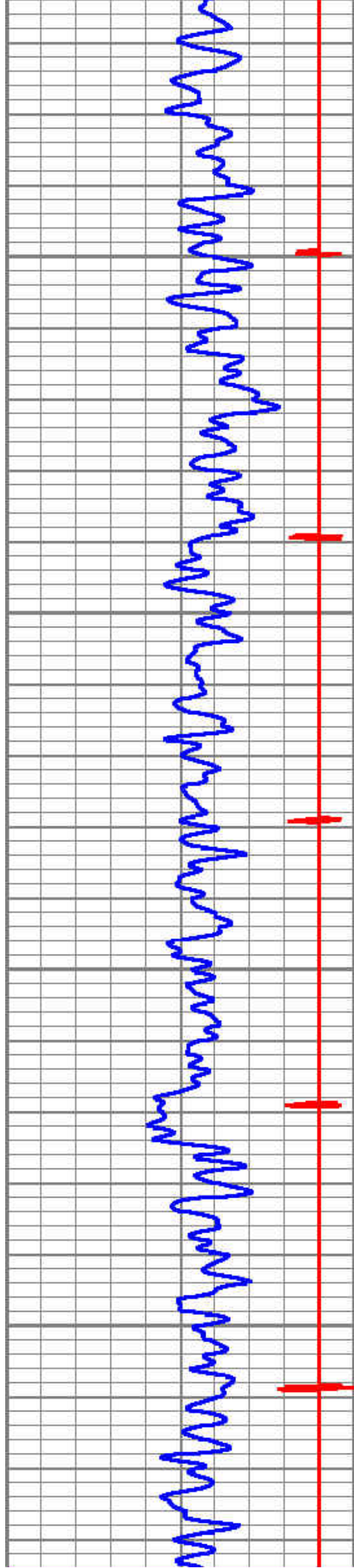
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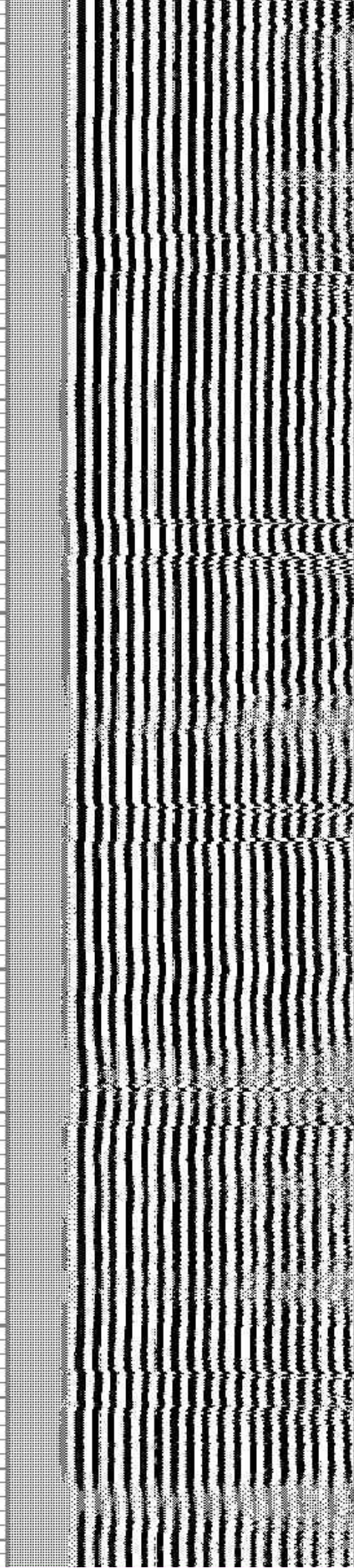
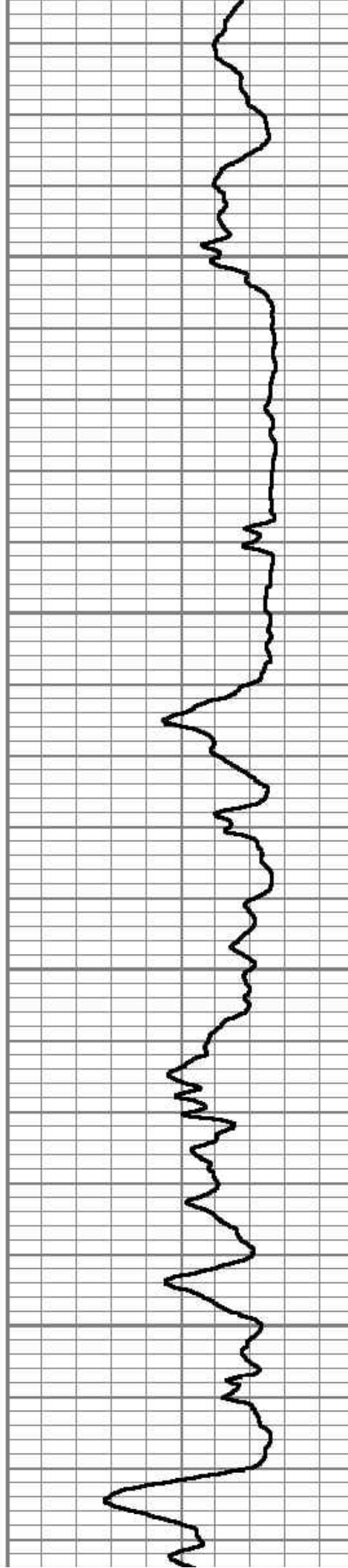


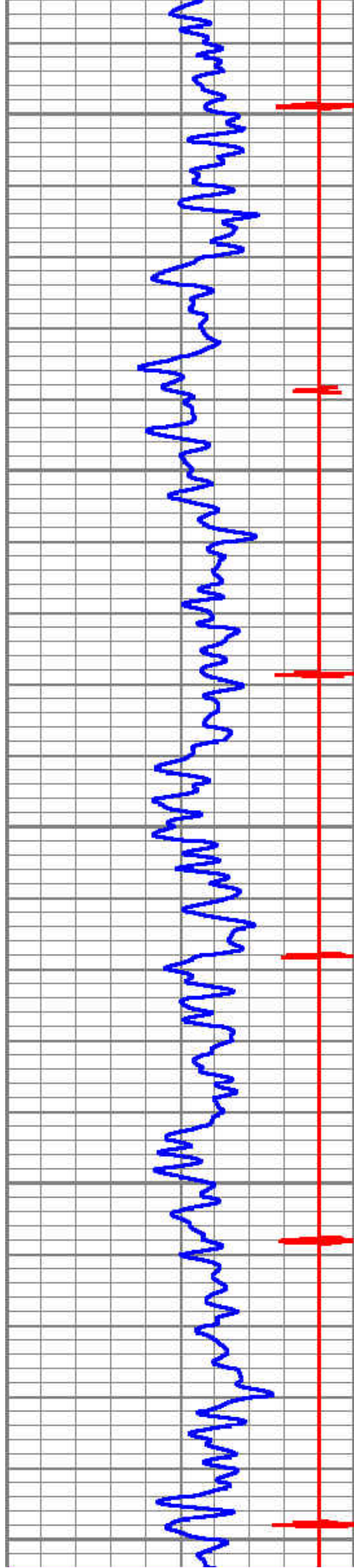
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1700





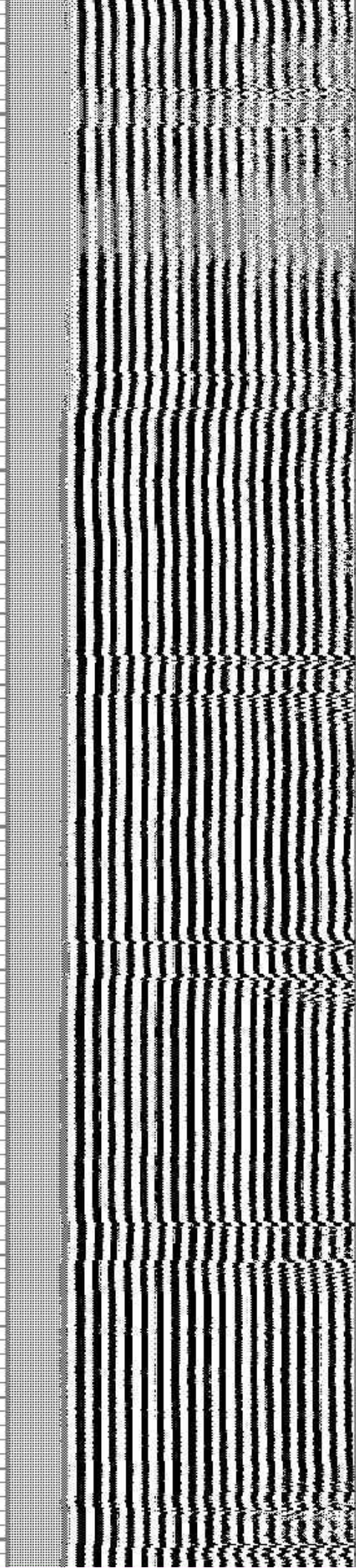
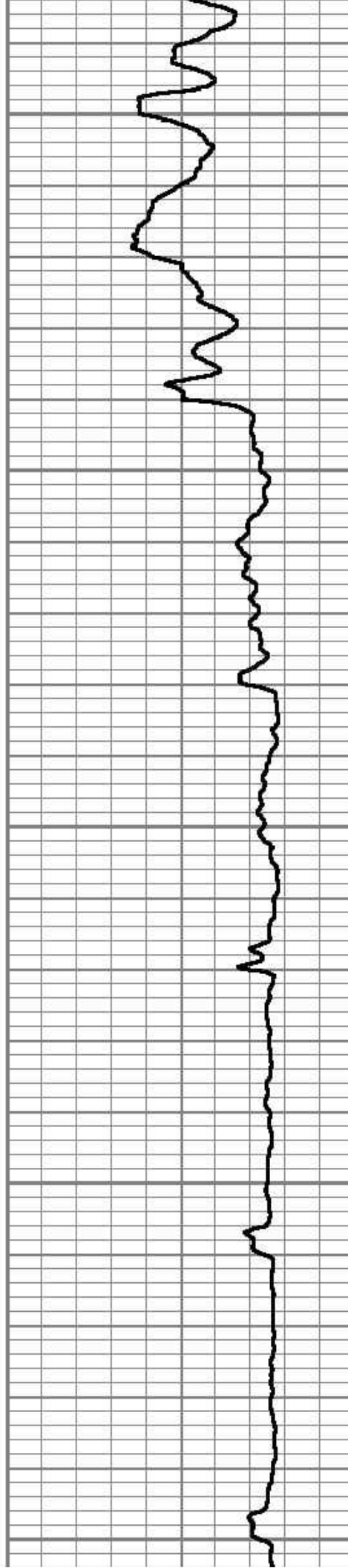
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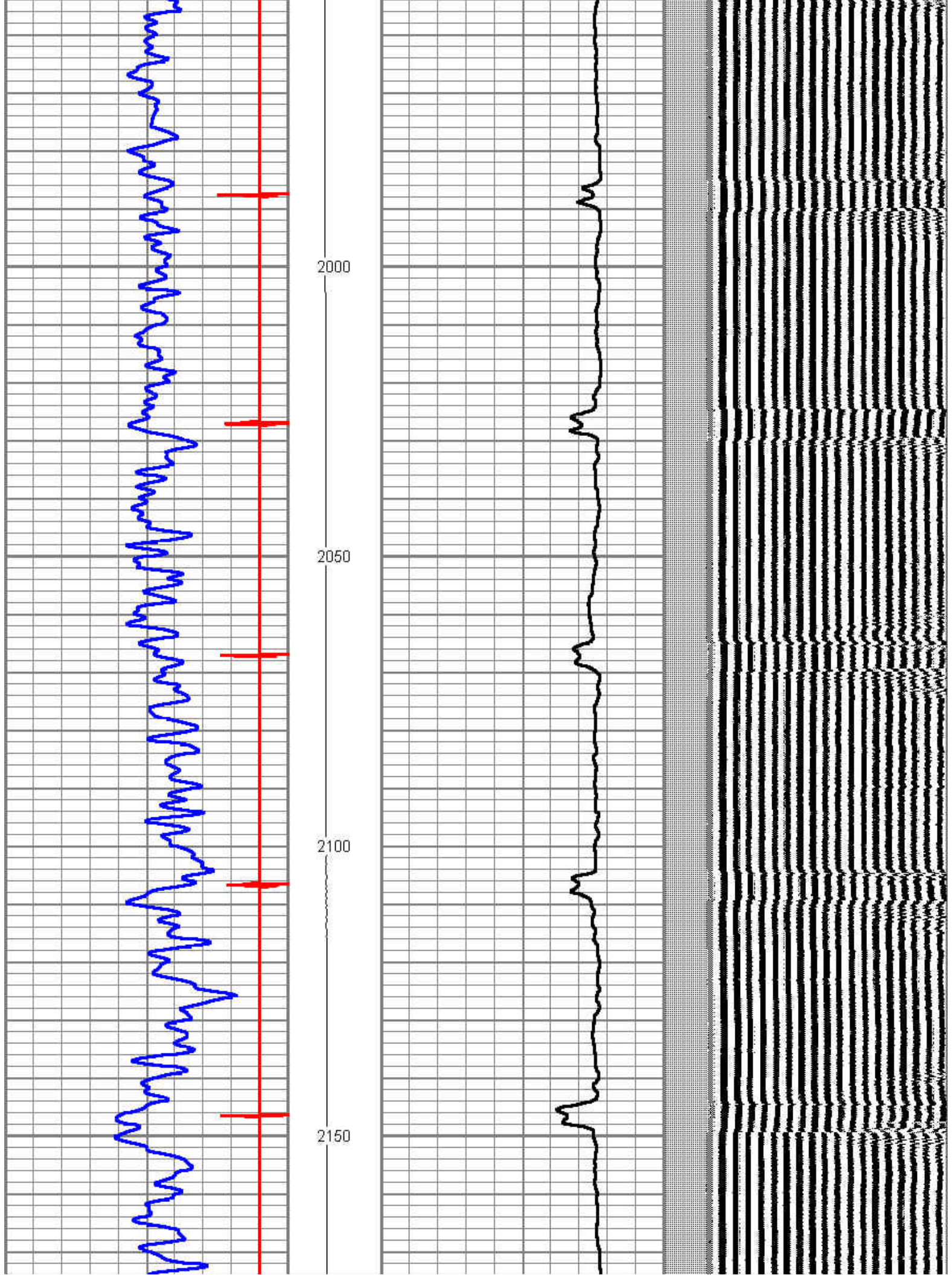
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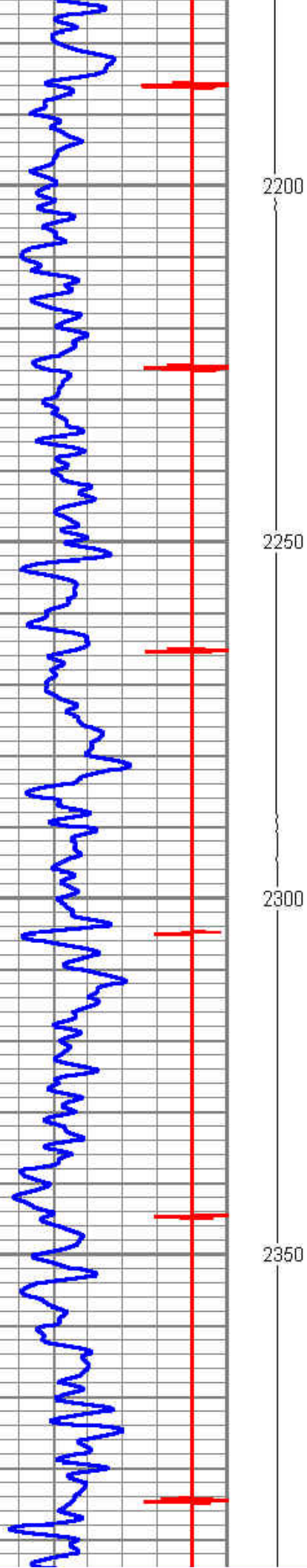
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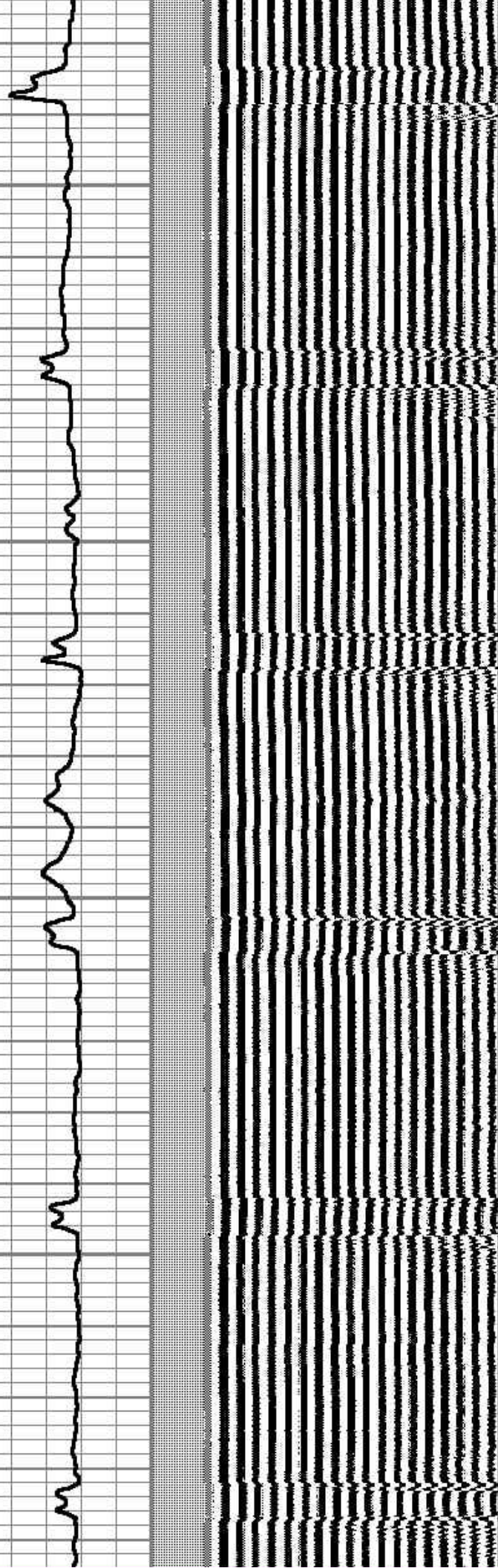


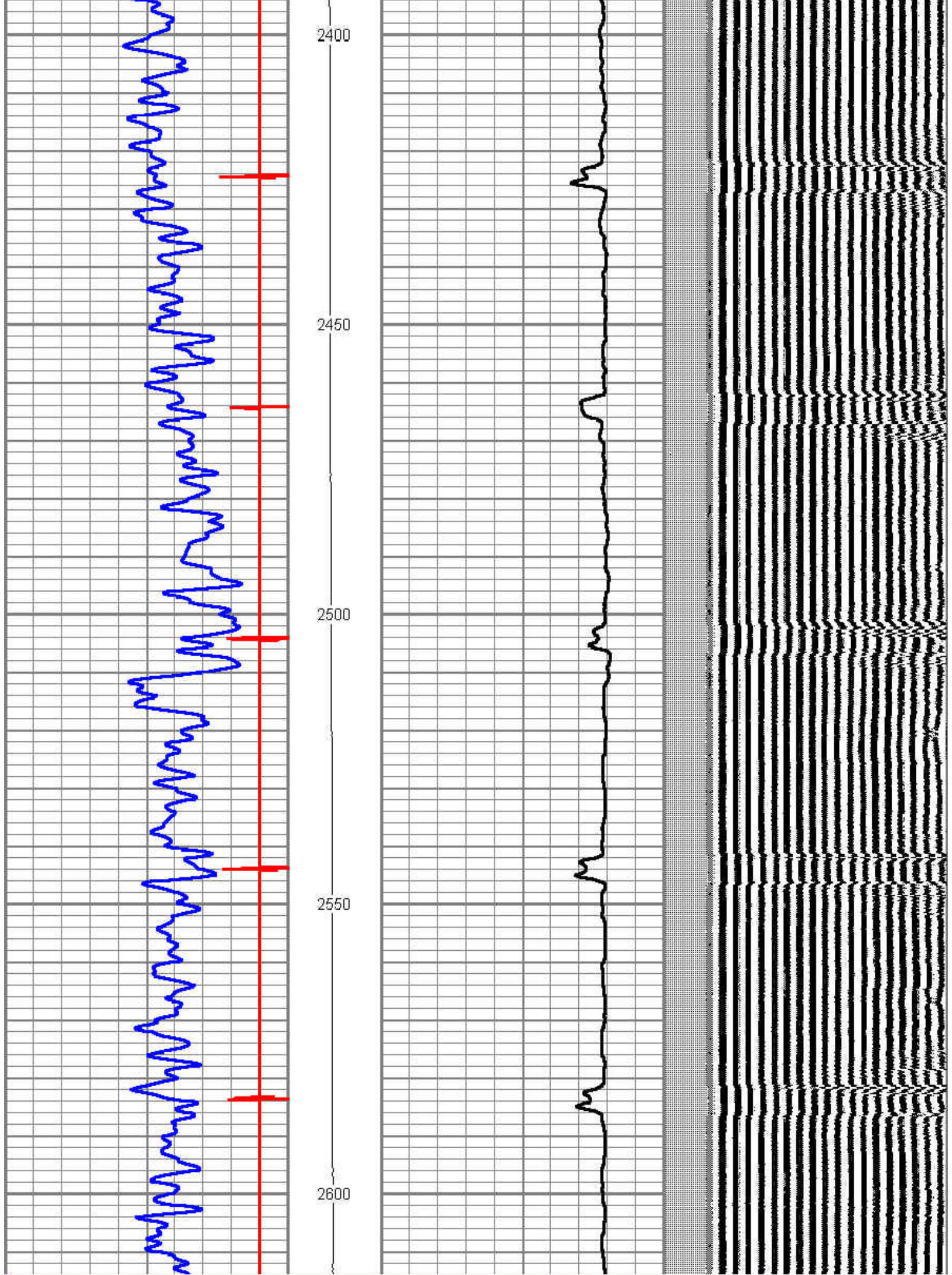
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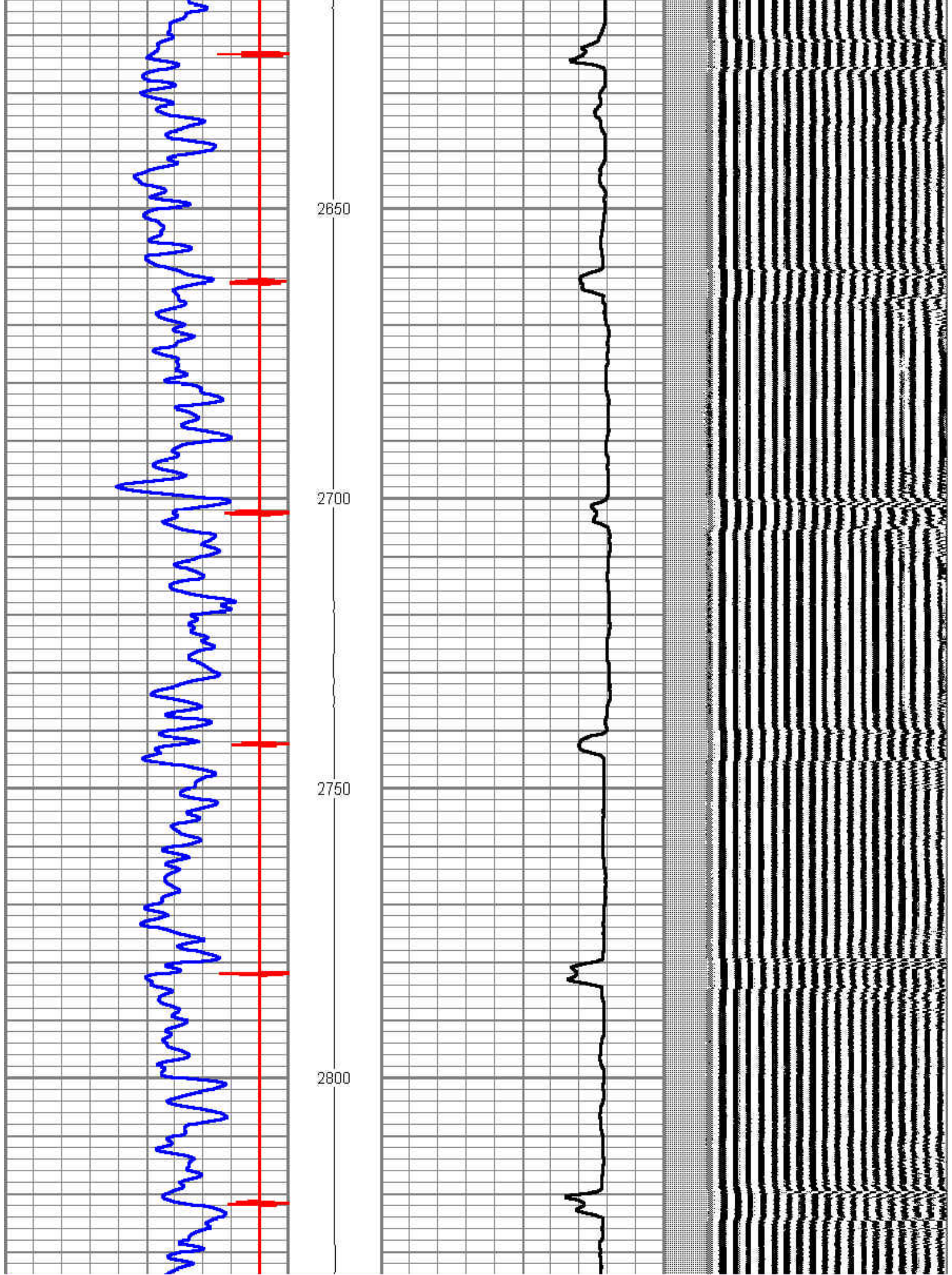
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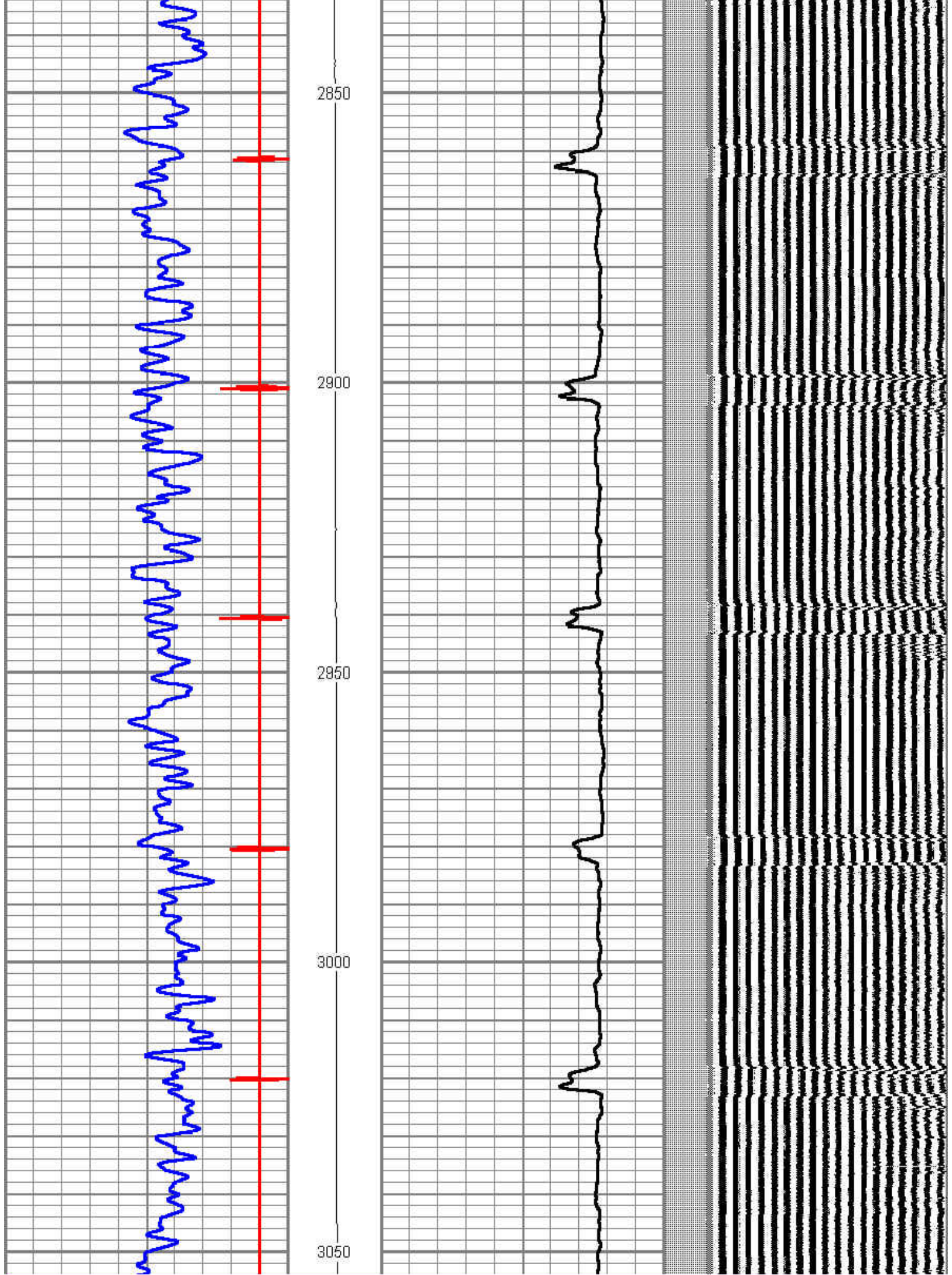
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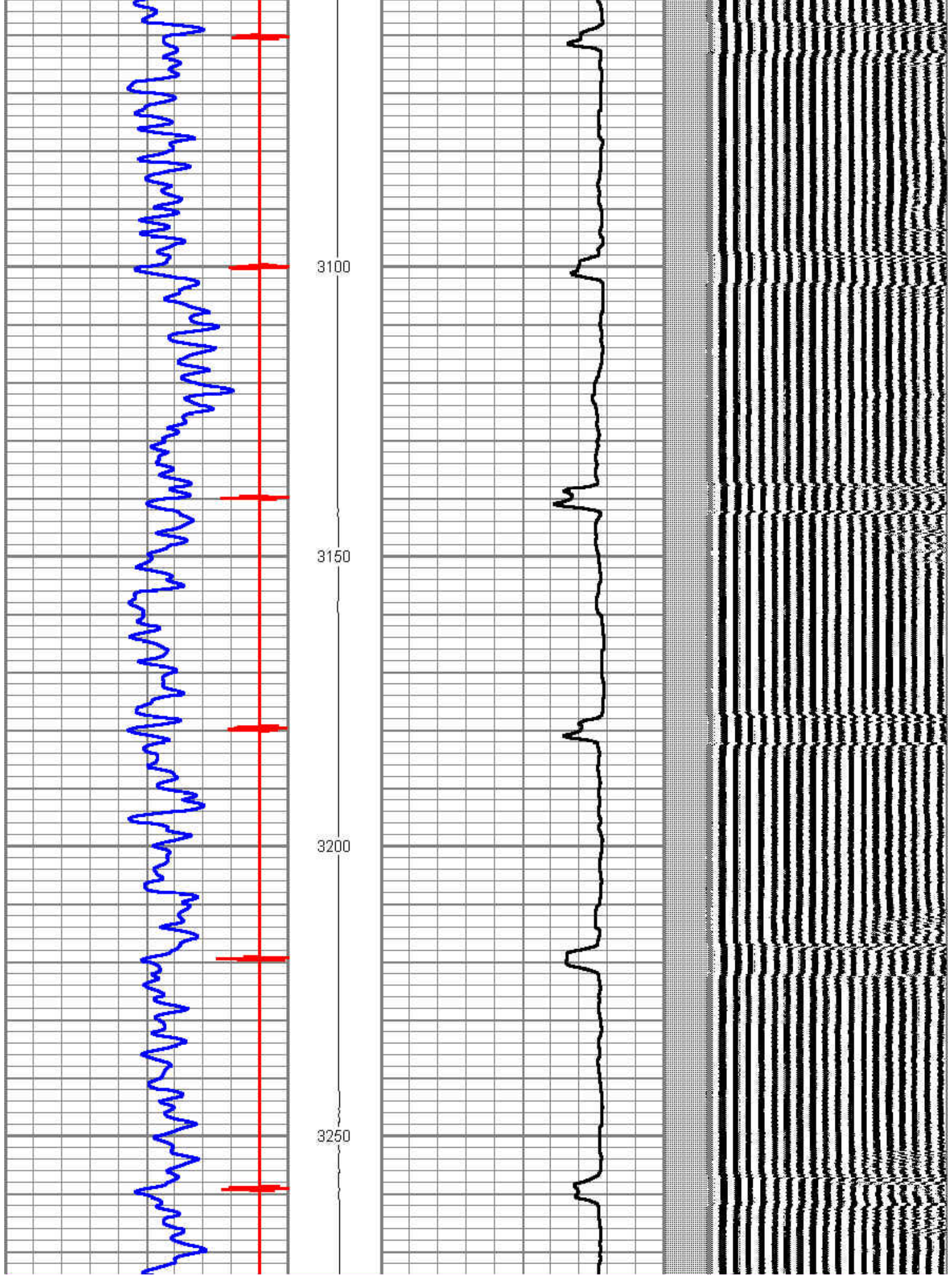
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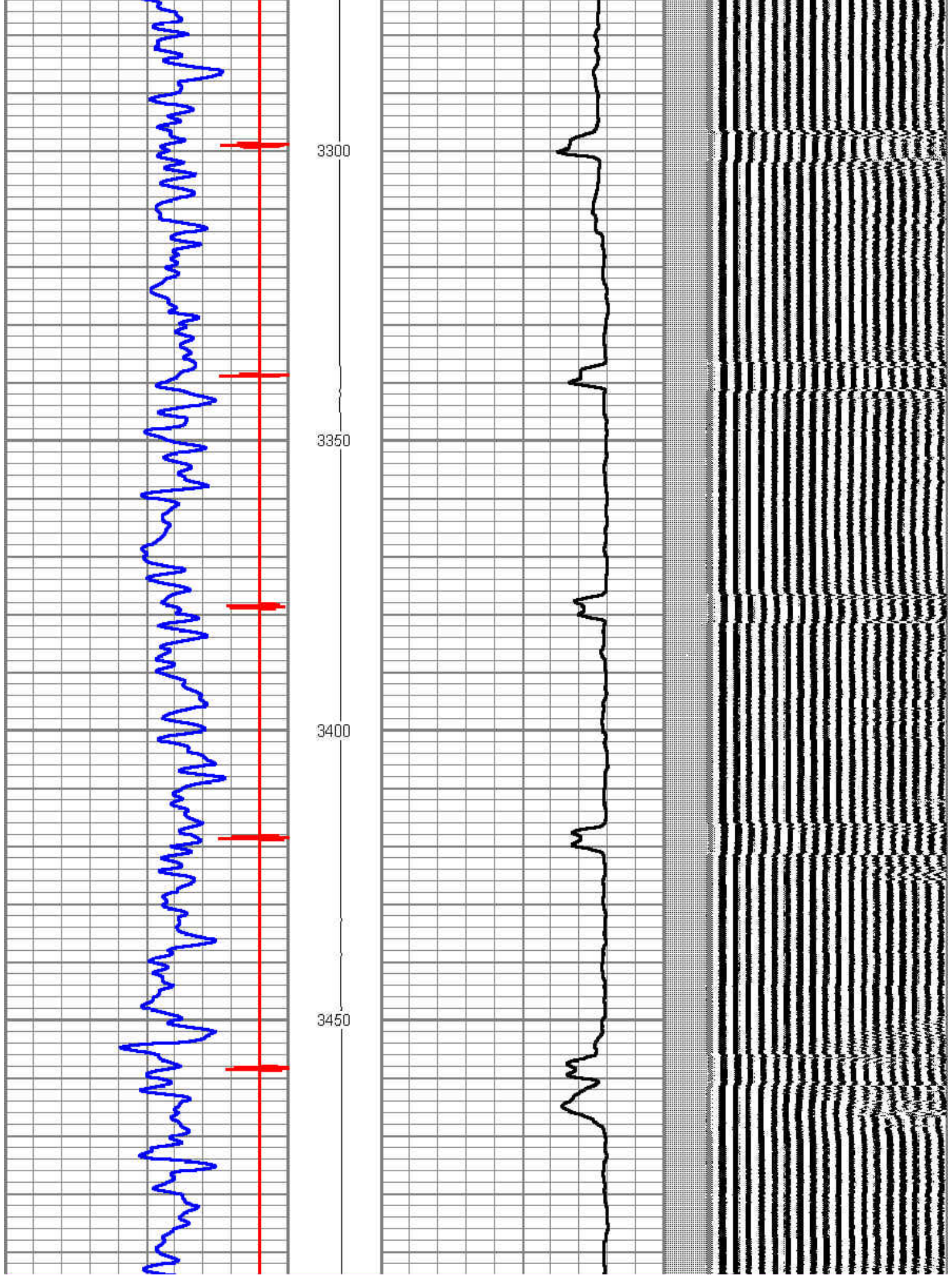


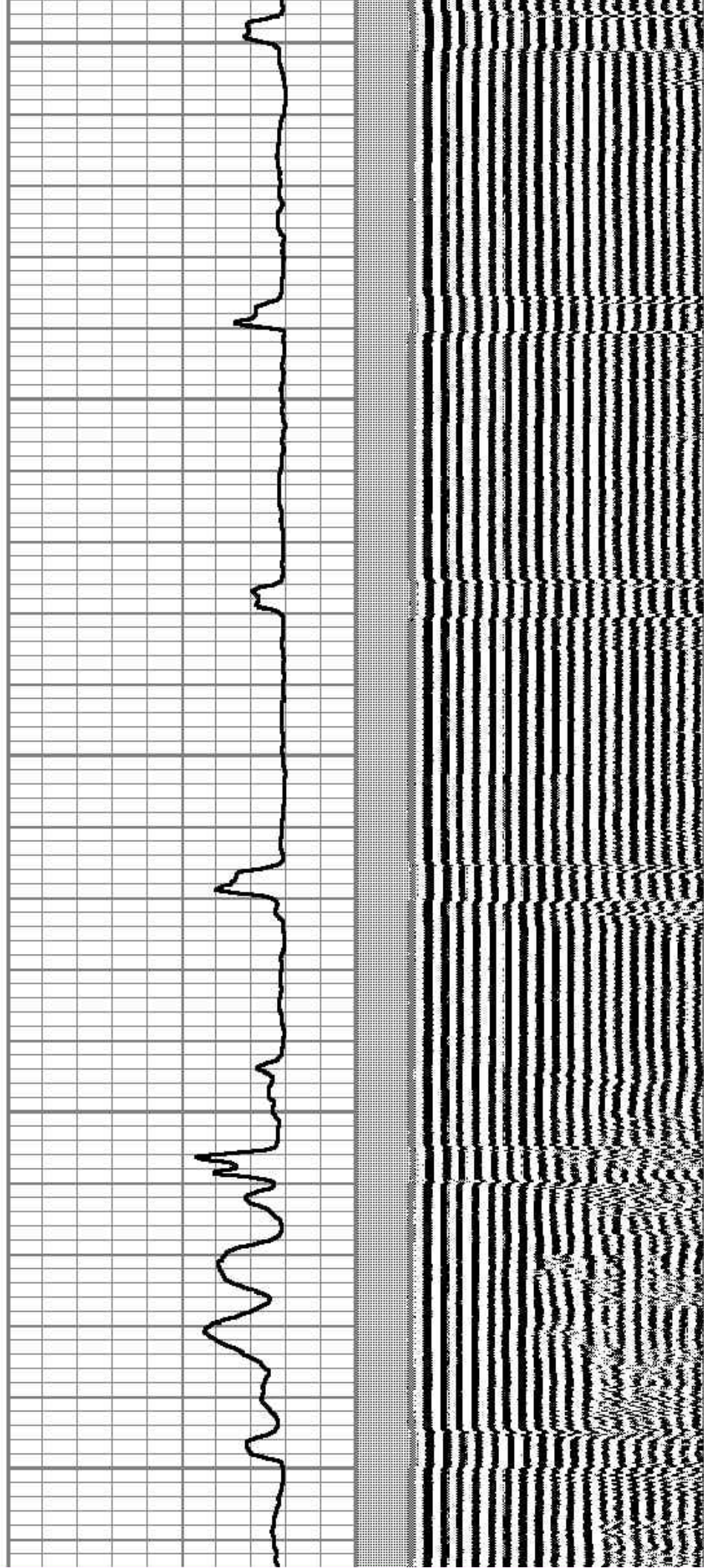
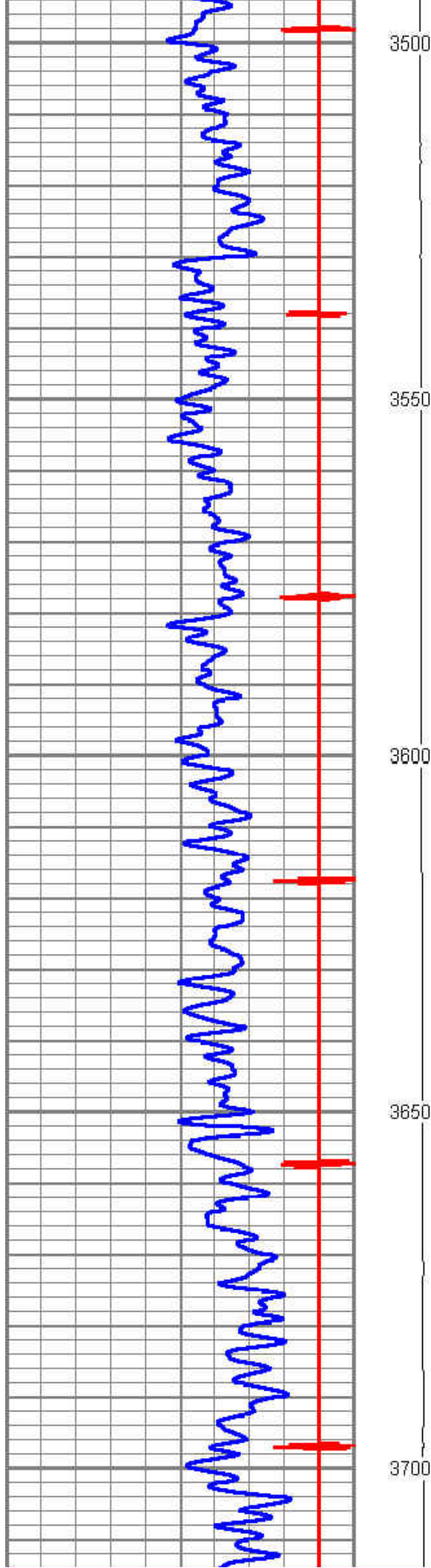


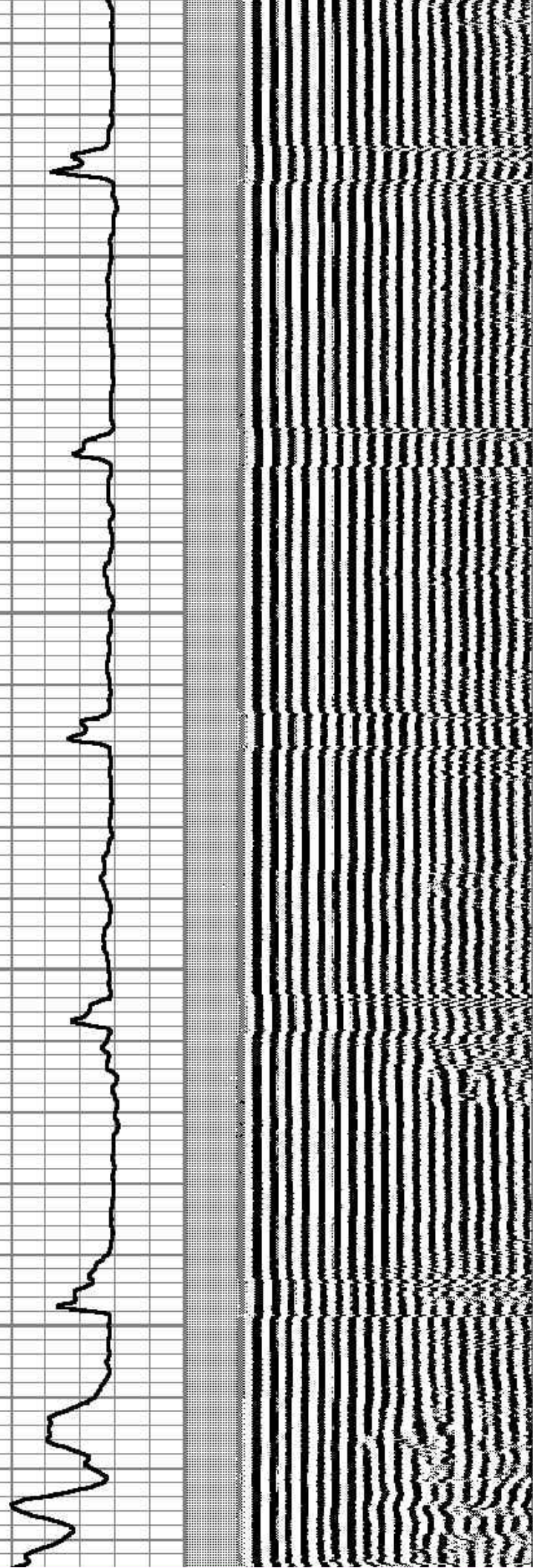
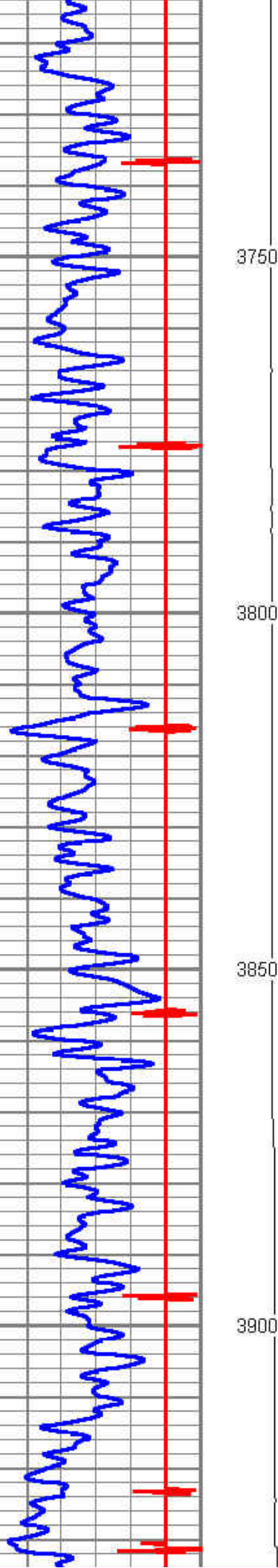


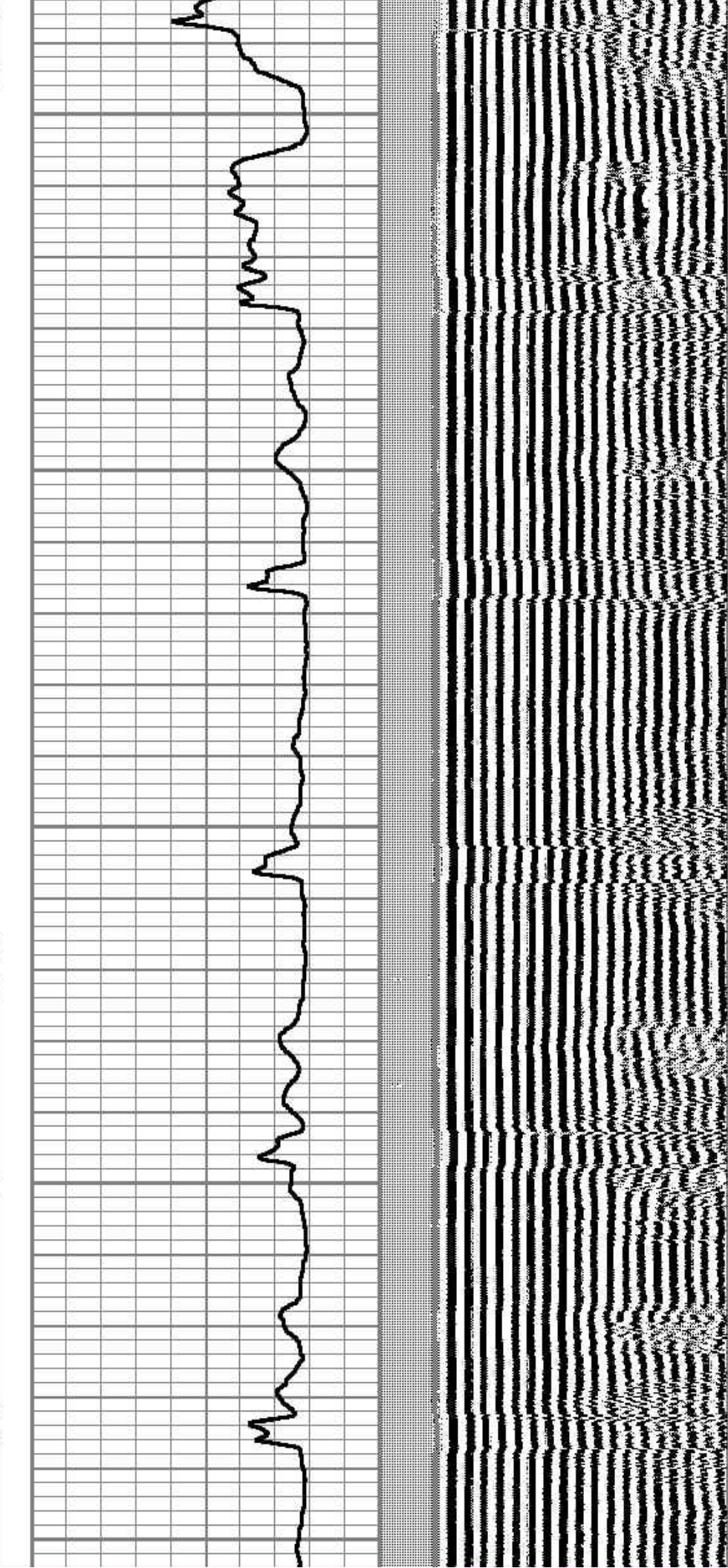
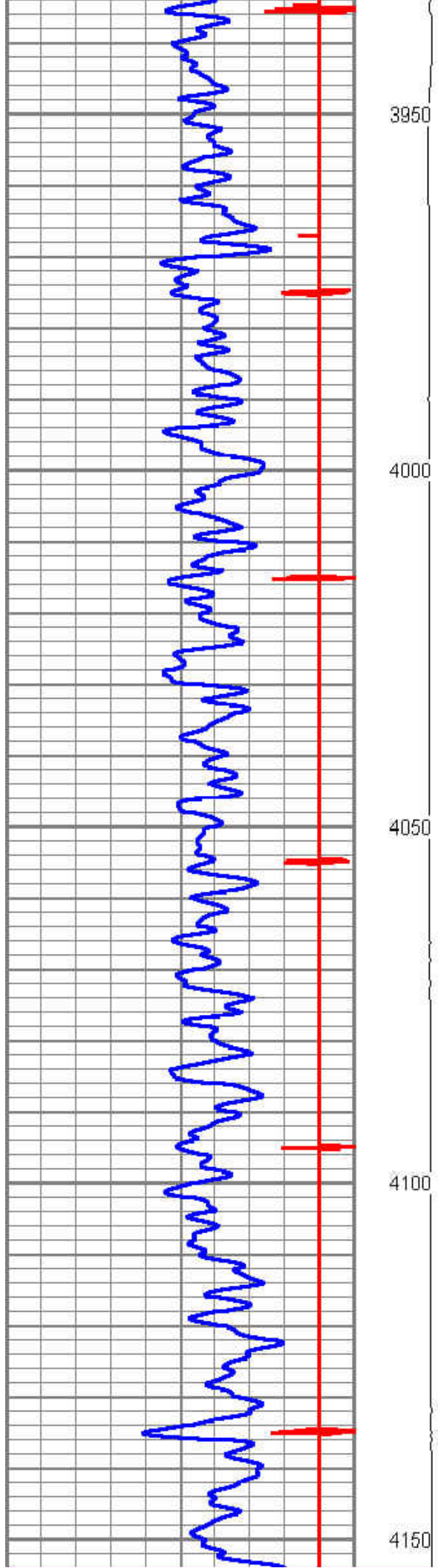


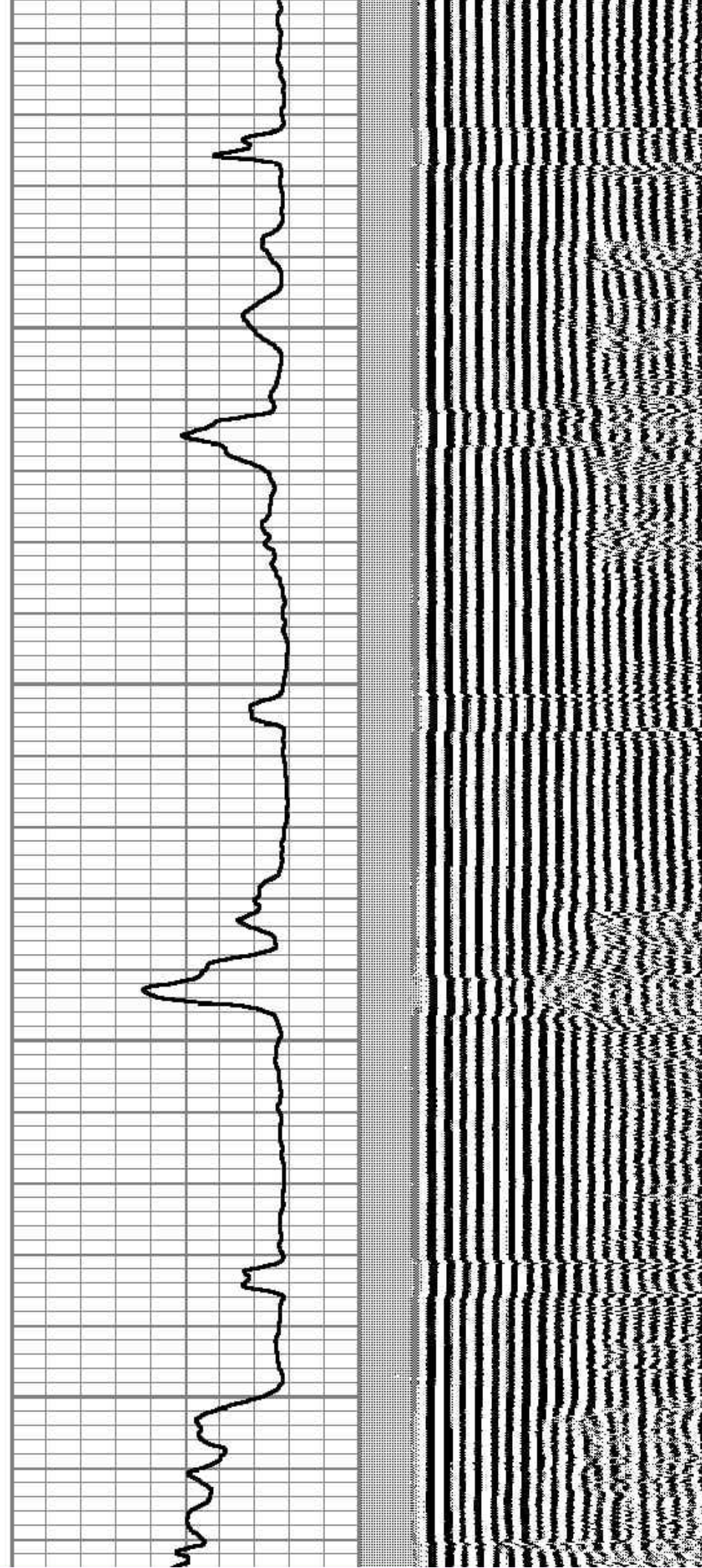
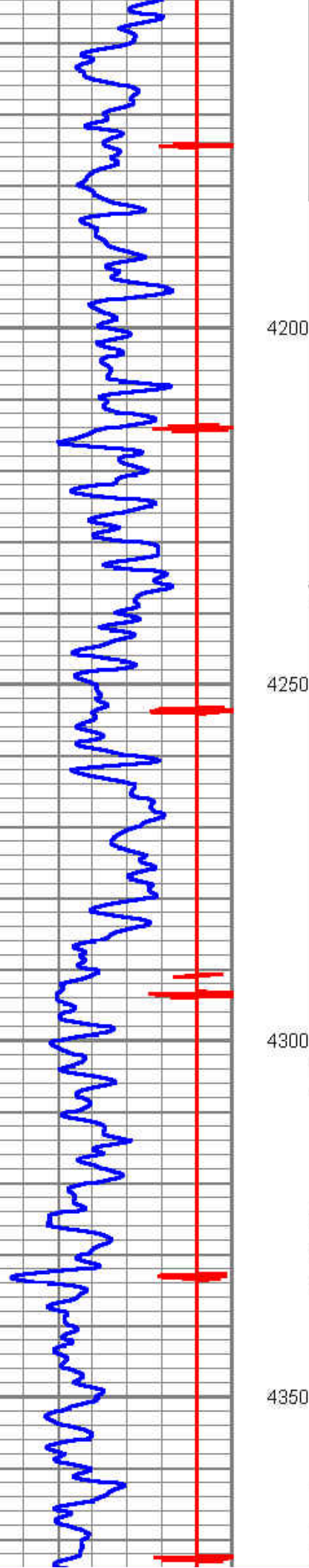


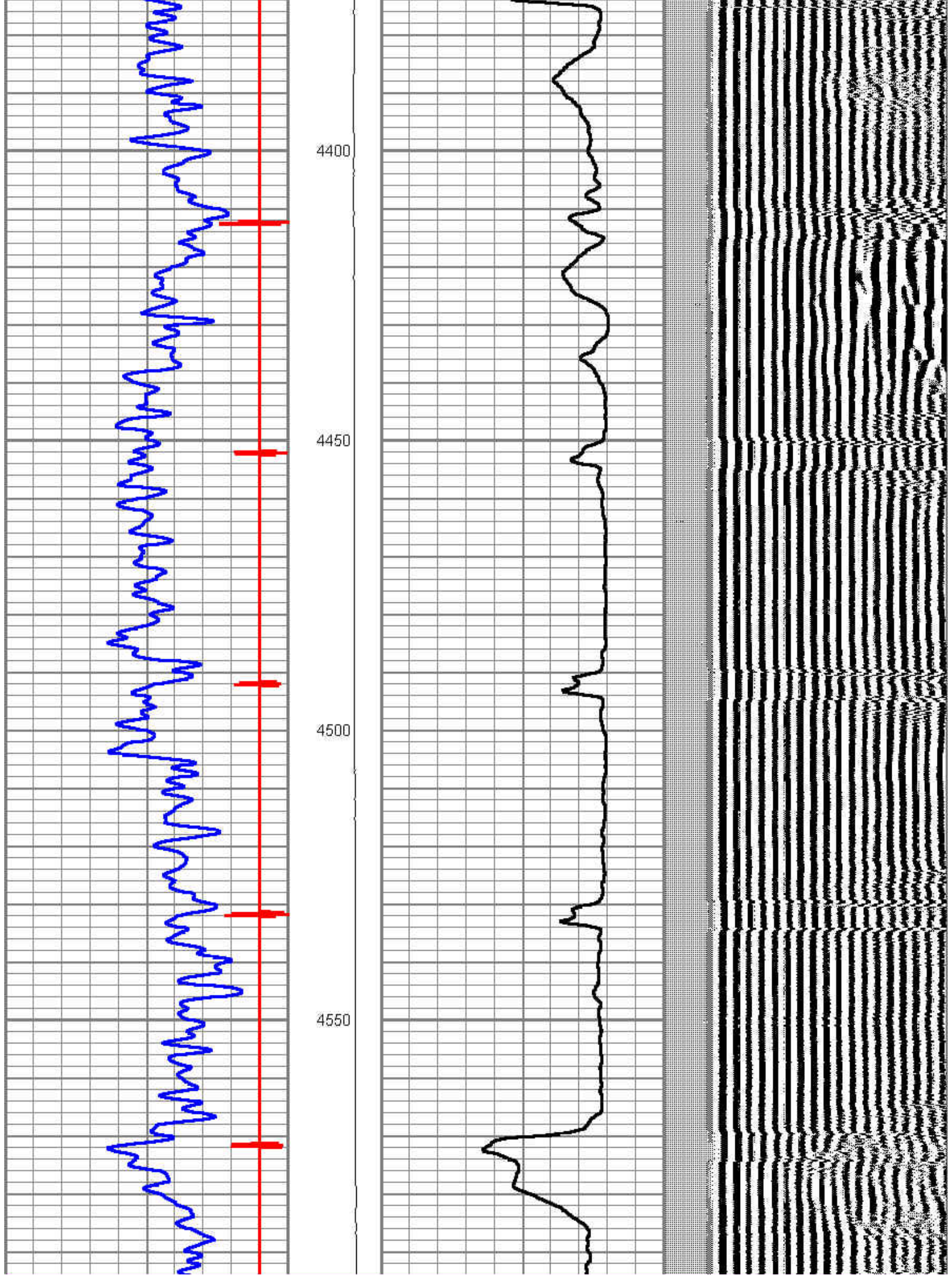


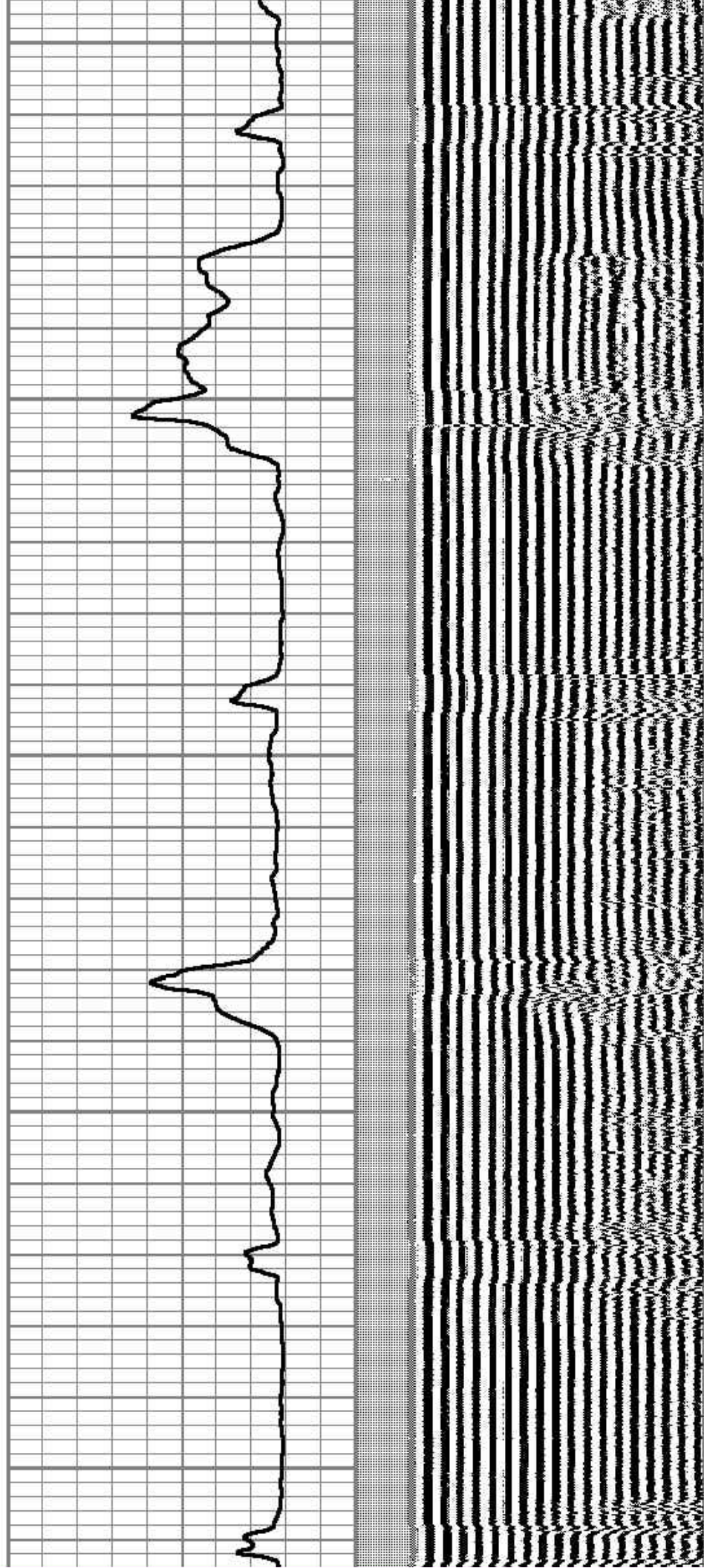
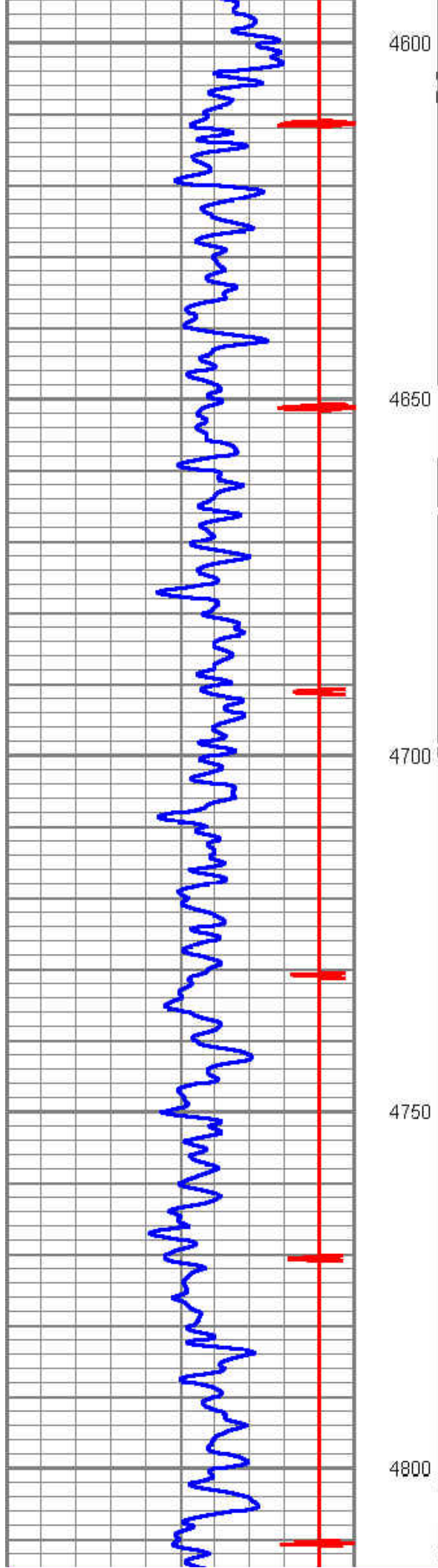


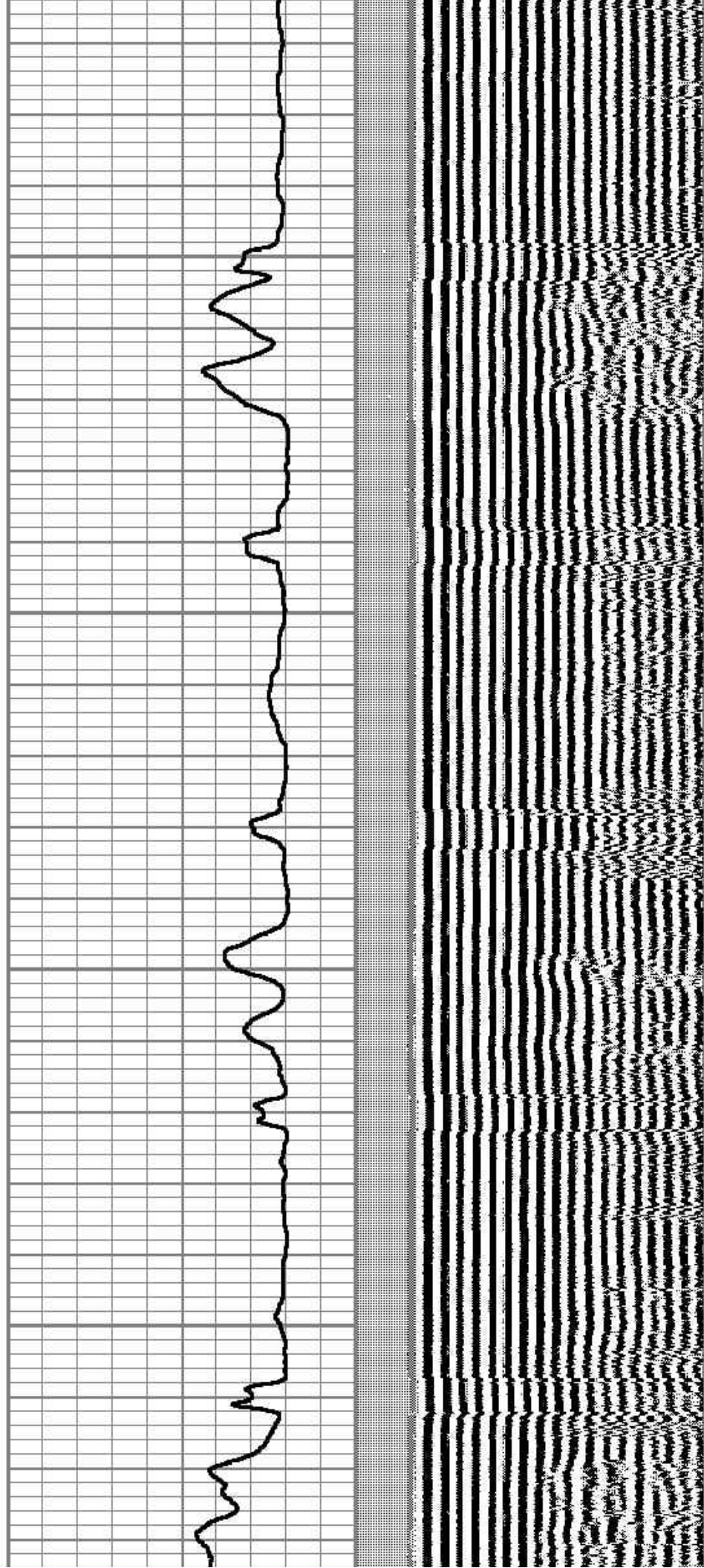
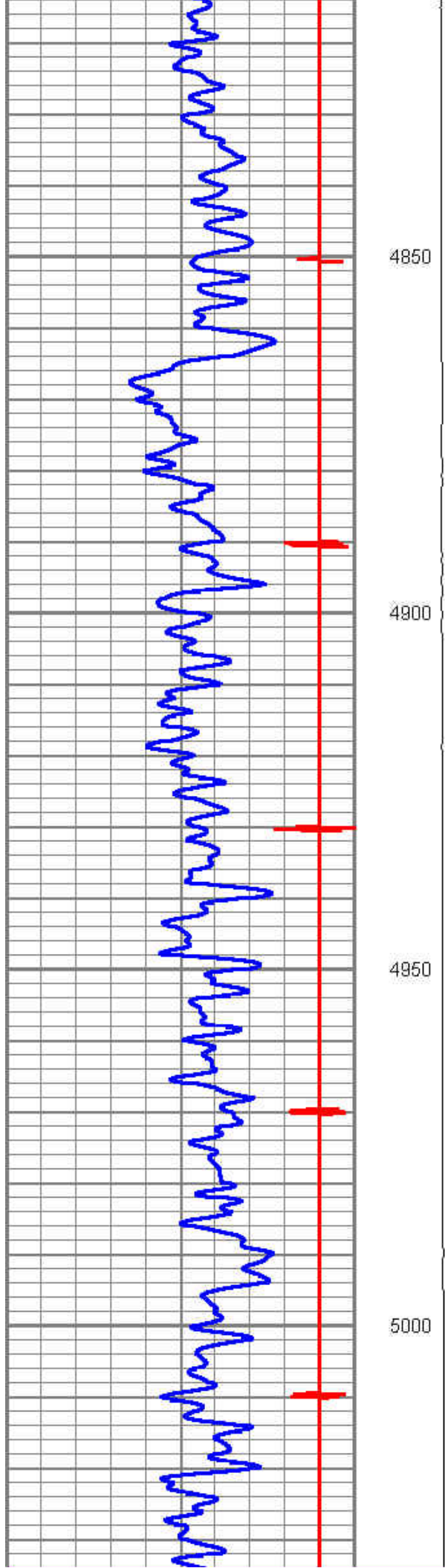


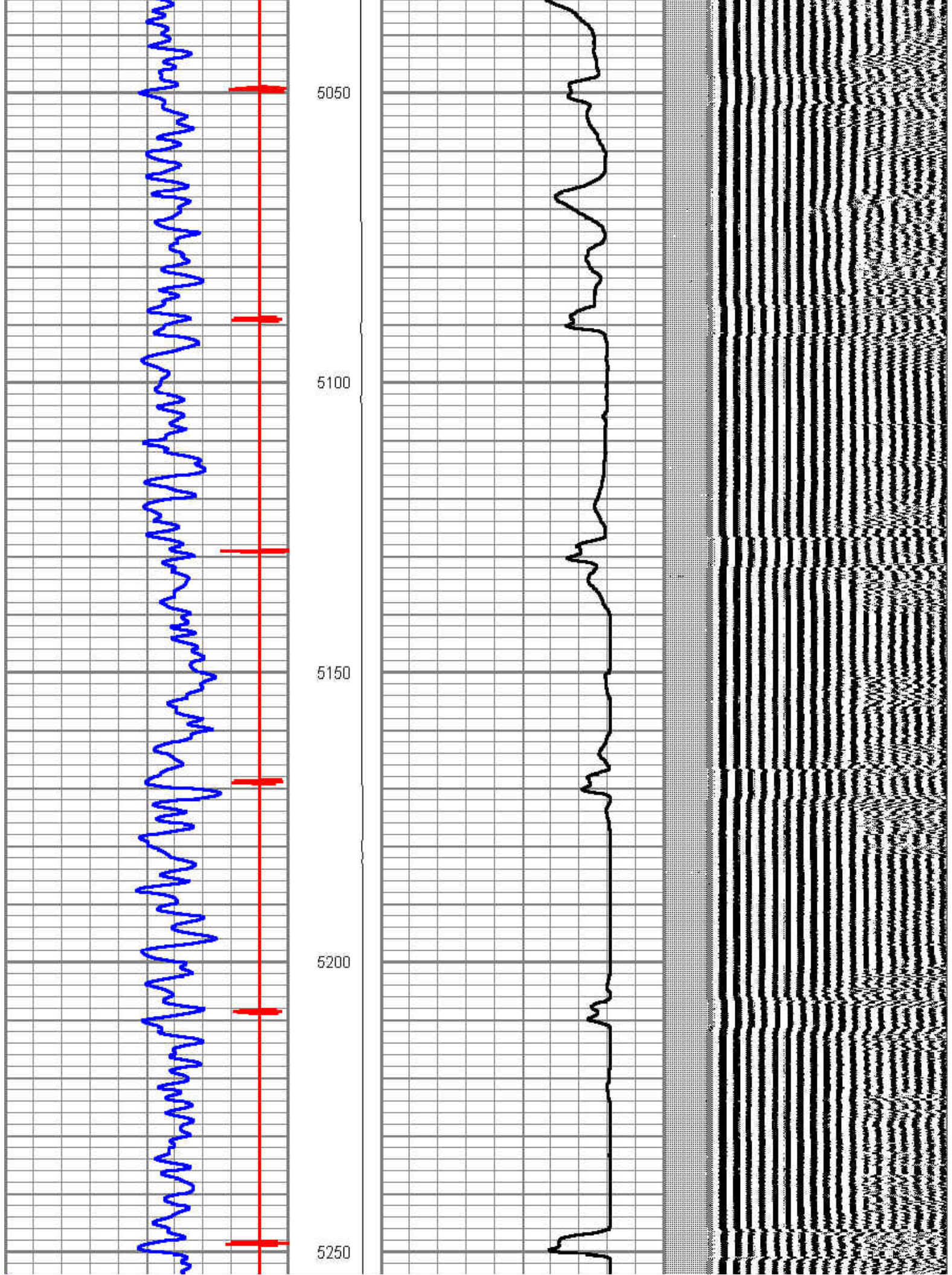


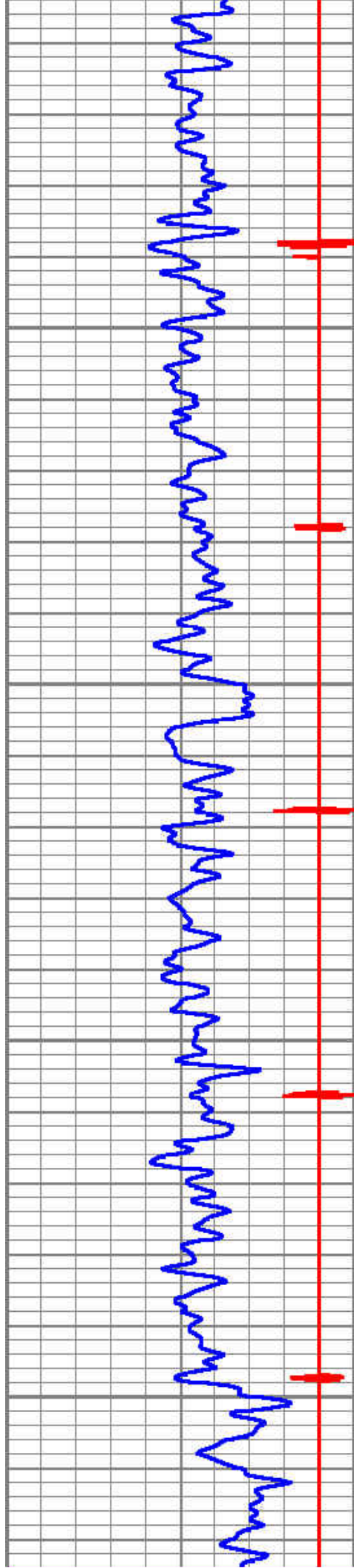










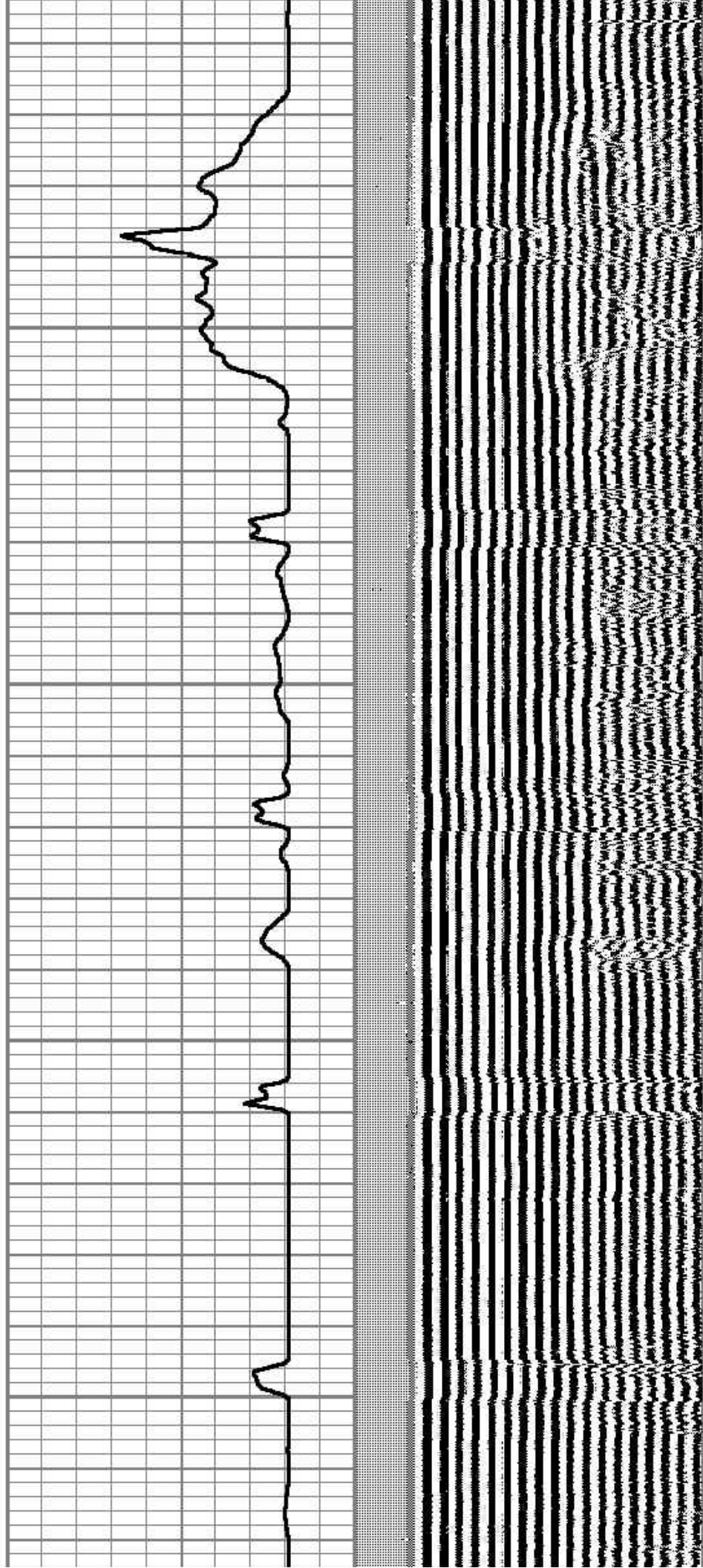


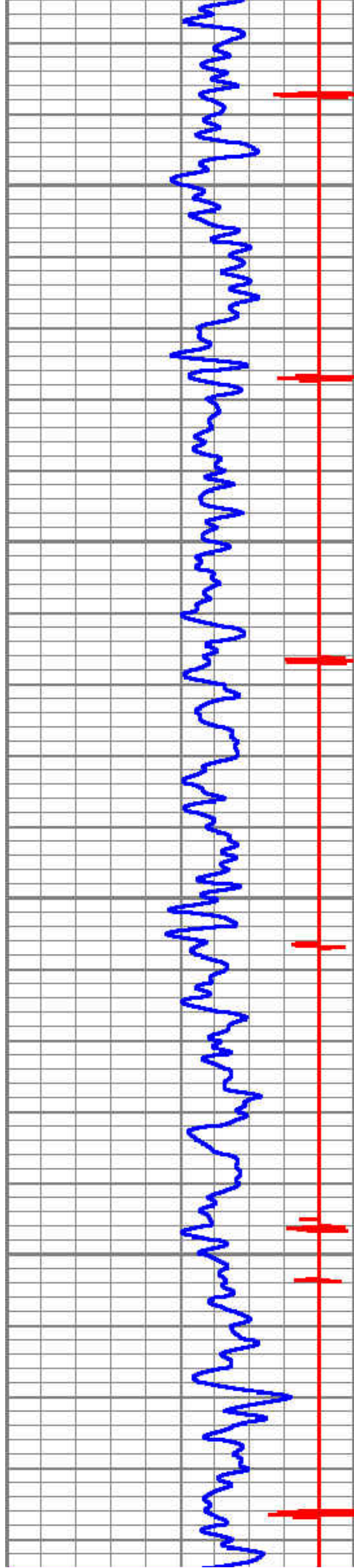
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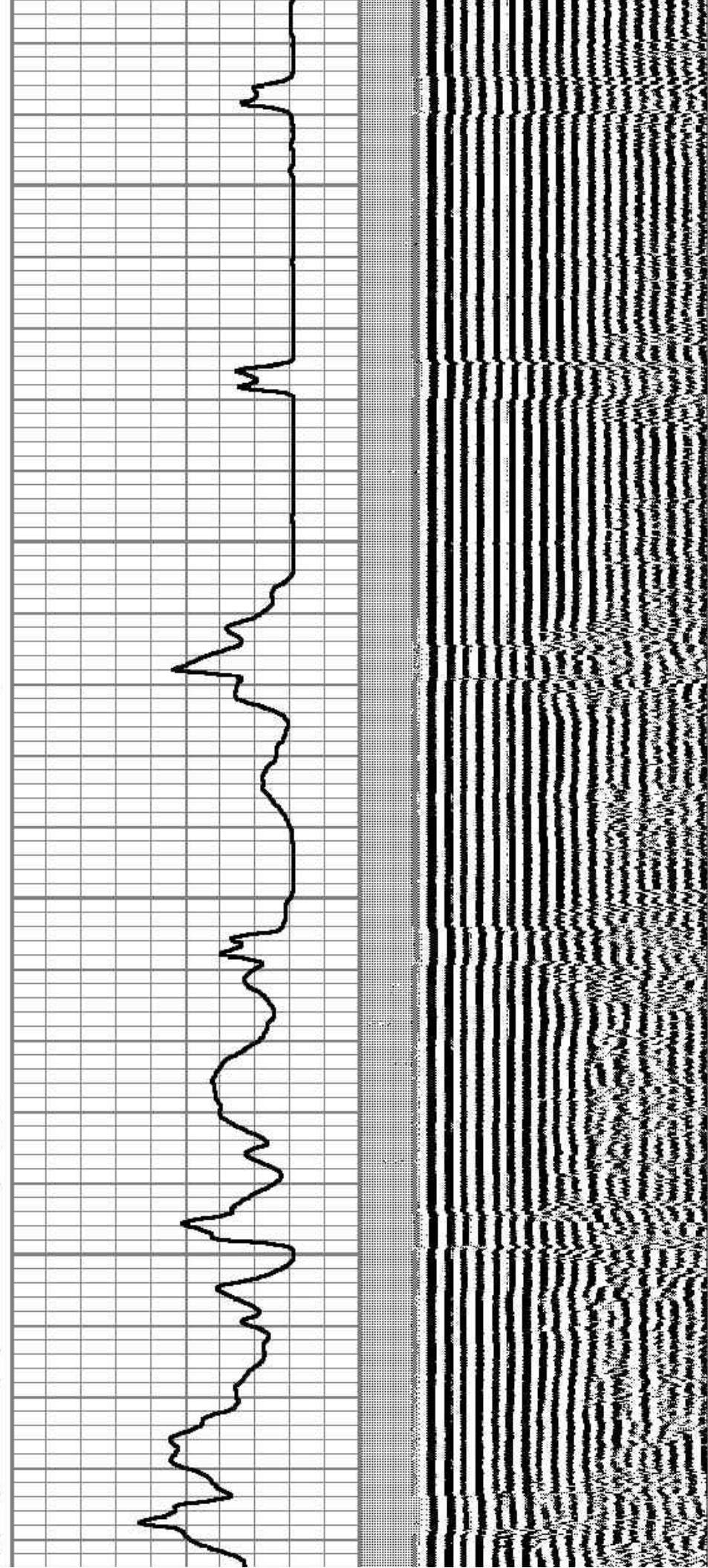


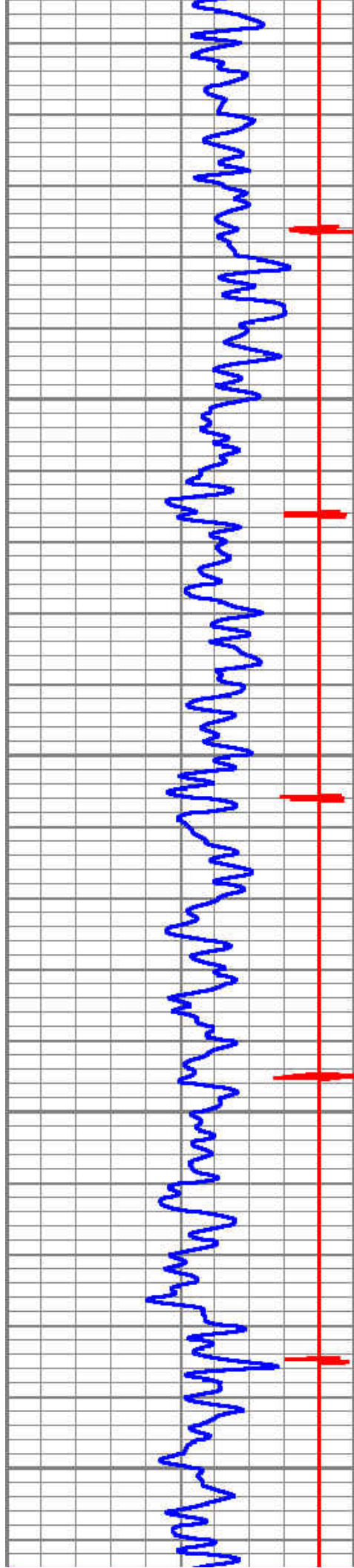
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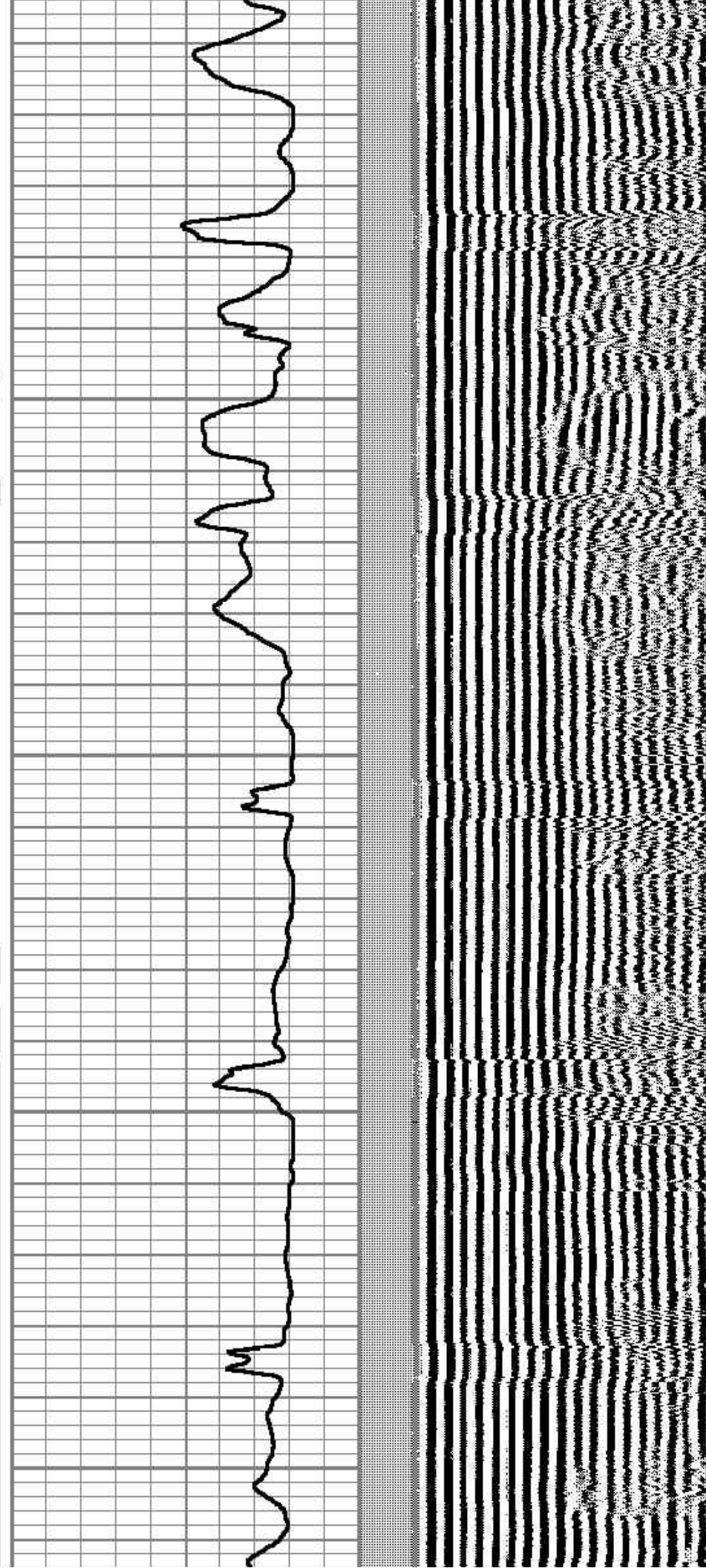
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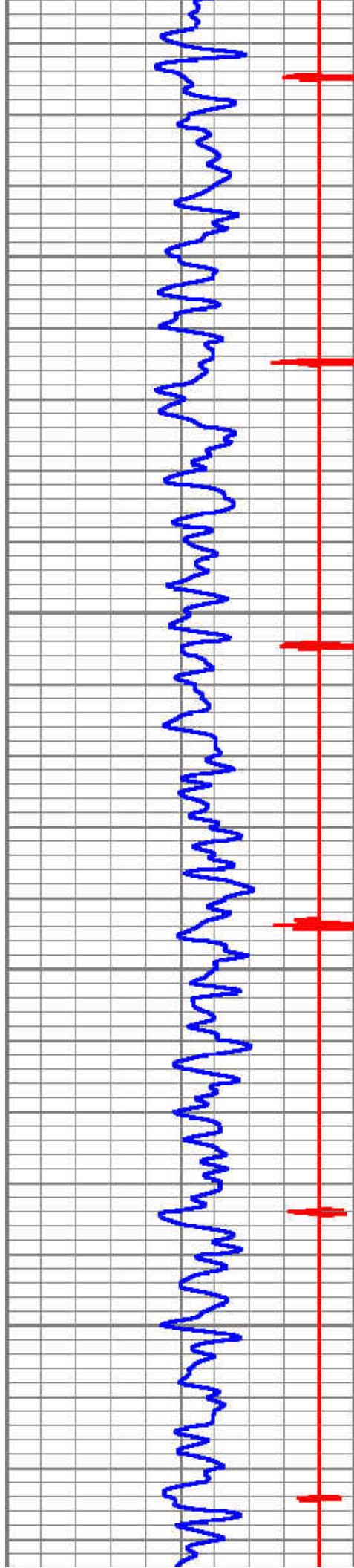
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