

CEMENT BOND LOG



Company		EXTRACTION OIL & GAS	
Well		WIND 9	
Field		WATTENBERG	
County		WELD	
State		COLORADO	
Location:		API # : 05-123-40251-00	
Permanent Datum		GL	
Log Measured From		KB	
Drilling Measured From		KB	
SEC 31 TWP 5N RGE 67W		Elevation 4925	
Other Services		K.B. 4950 D.F. 4950 G.L. 4925	
Date		14 JULY 15	
Run Number		1	
Depth Driller		11895	
Depth Logger		7405	
Bottom Logged Interval		7405	
Top Log Interval		0	
Open Hole Size		6.75	
Type Fluid		WATER	
Density / Viscosity		8.4	
Max. Recorded Temp.		240	
Estimated Cement Top		SURF	
Time Well Ready		SEE LOG	
Time Logger on Bottom		SEE LOG	
Equipment Number		14166	
Location		LONGMONT	
Recorded By		N. SOUTHAM	
Witnessed By		SHAWN MCINTYRE	
Borehole Record		Tubing Record	
Run Number		Bit	
From		To	
Size		Weight	
From		To	
Casing Record		Mgt/Ft	
Surface String		9.625	
Prot. String		32	
Production String		5.5	
Liner		17	
		0	
		11895	

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All interpretations of log data are opinions based on inferences from electrical or other measurements. We do not guarantee the accuracy or correctness of any interpretation or recommendation and shall 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 employees or agents. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Remarks: RIG:CRANE Prints:2 Service Order #124089500
THANKS FOR CHOOSING WEATHERFORD WIRELINE FOR THIS JOB. YOUR CREW TODAY WAS
N. SOUTHAM E. PRESTON K. ERICKSON
THIS LOG WAS RAN AT COSTUMER REQUEST WITH NO PRESSURE FROM SURFACE.

BHT	240	EQUIPMENT DATA			
Bit Size		Run No.	Tool Type	Tool No.	Other
Surface Pressure		1	CTBA	216	
Shut In		1	GRBA	236	
		1	CENB	210	
		1	SBTA	229	
		1	CFNA	231	



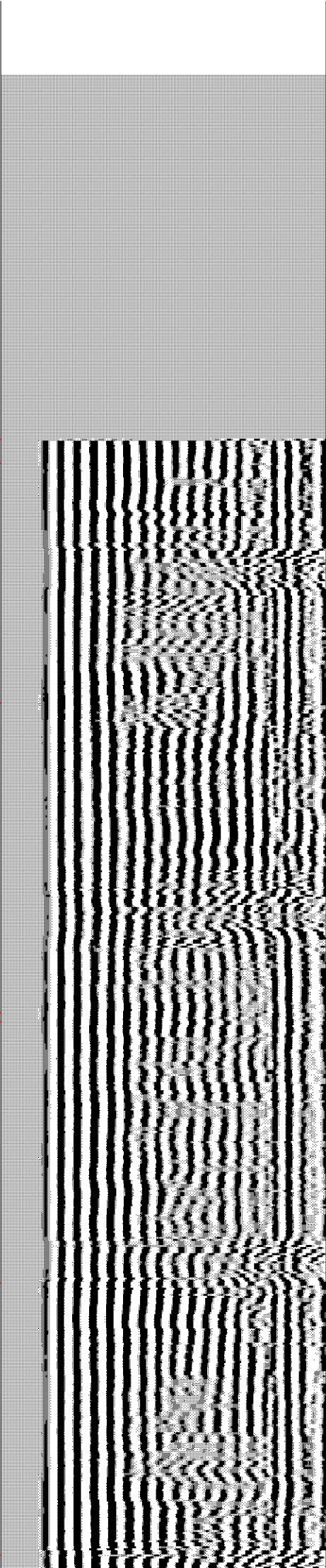
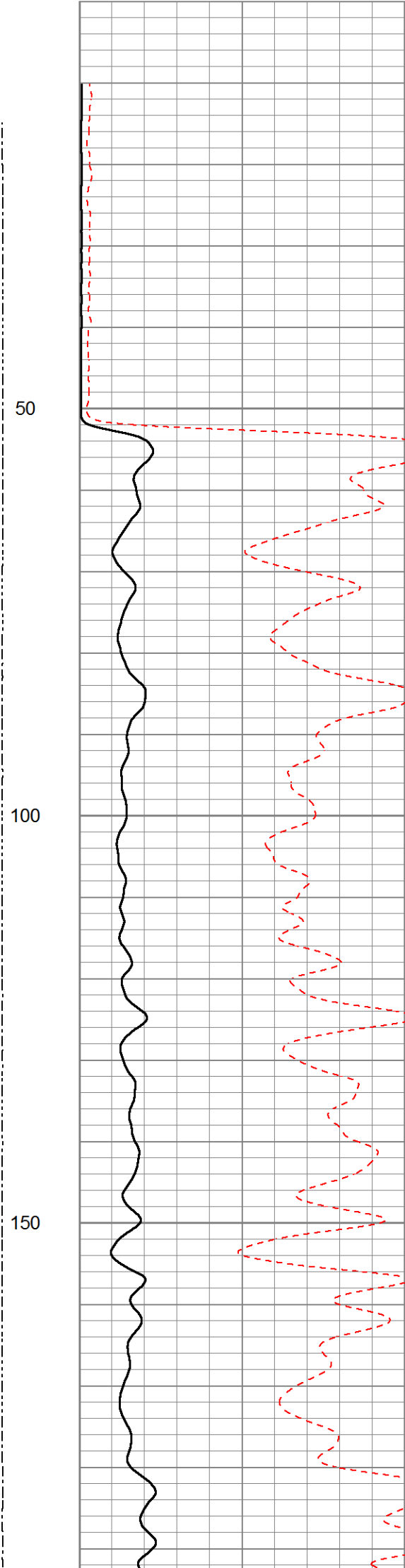
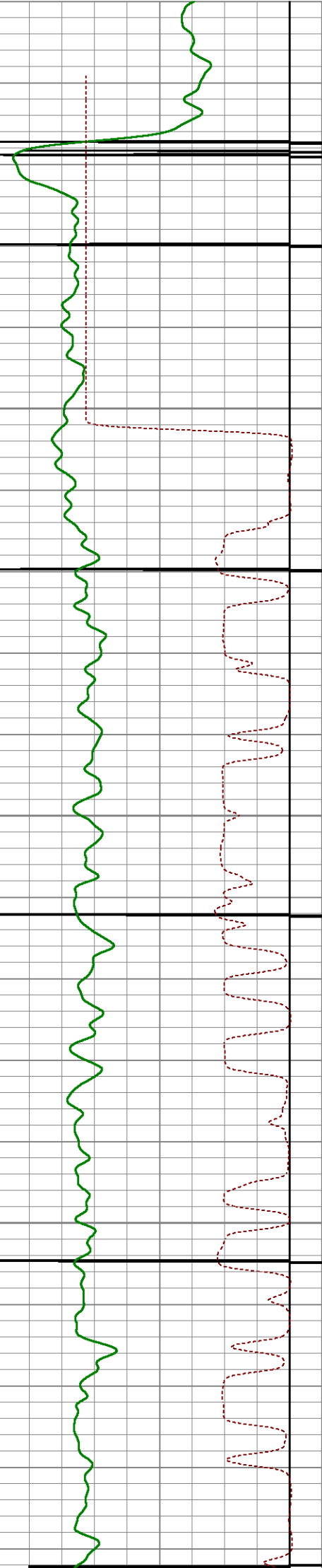
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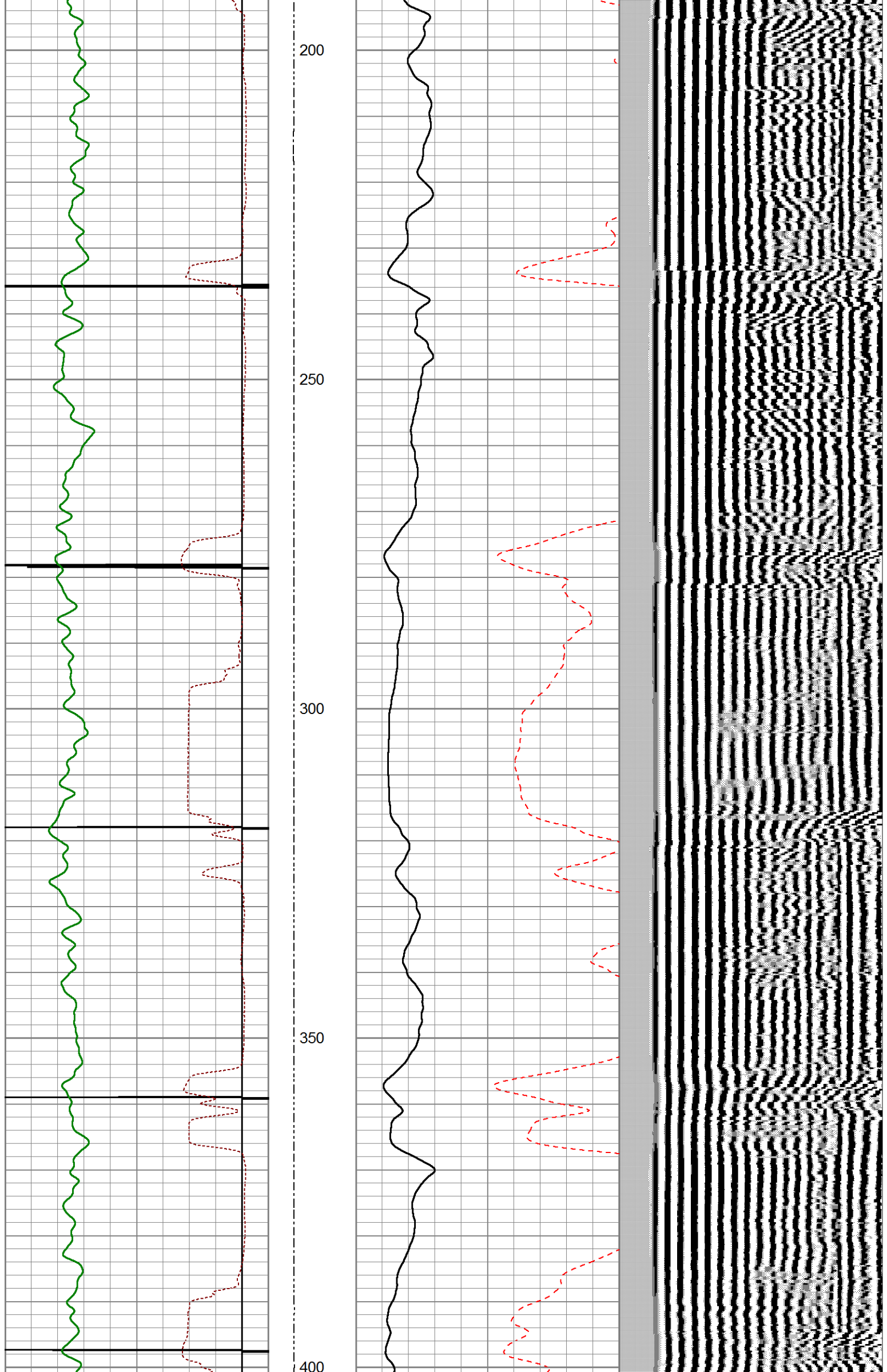


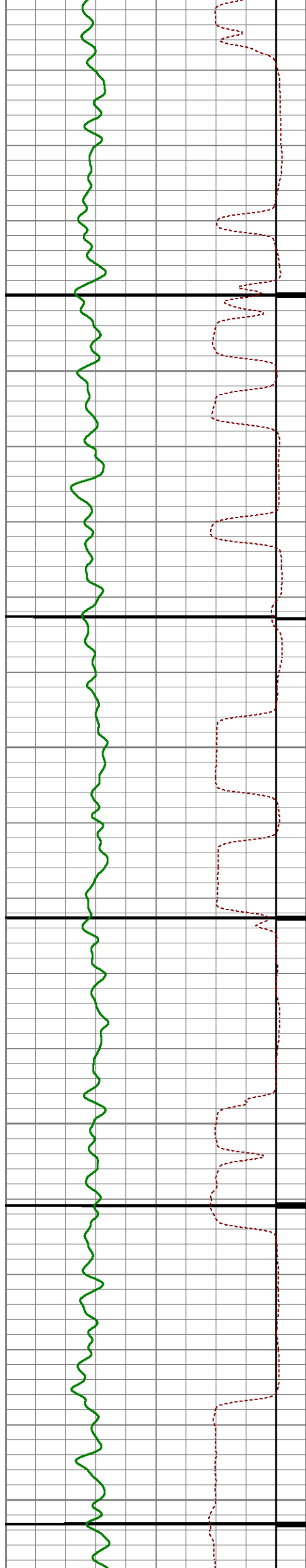
CEMENT BOND LOG

Database File c:\users\sysadmin\desktop\wind 9\extraction_oil&gas_wind9_124089500_cbl.db
Dataset Pathname pass8
Presentation Format gc3ft5ft
Dataset Creation Tue Jul 14 15:30:23 2015
Charted by Depth in Feet scaled 1:200

-9	COLLAR LOCATOR	1	TENS	0	AMPLIFIED 3FT AMP (mV)	20	200	Variable Density 5FT	1200
	GAMMA RAY		0 (lb3000	0	AMPLITUDE 3FT (mV)	100			





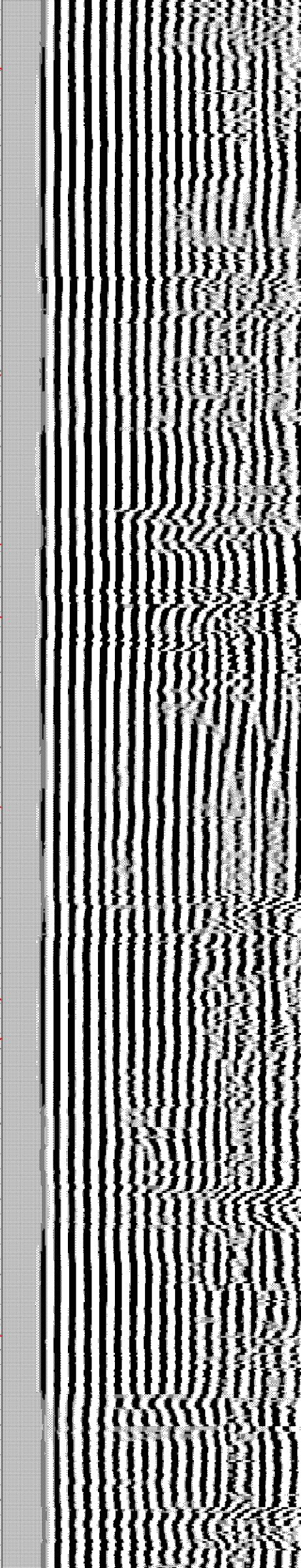
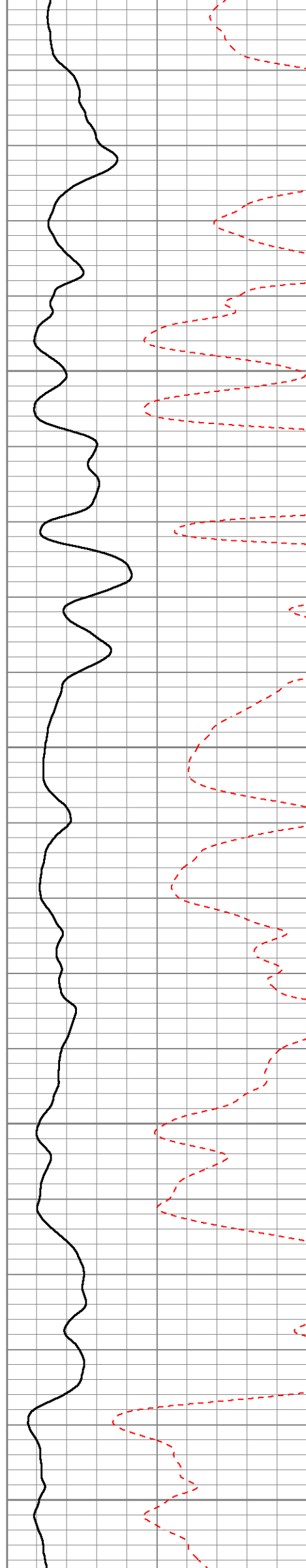


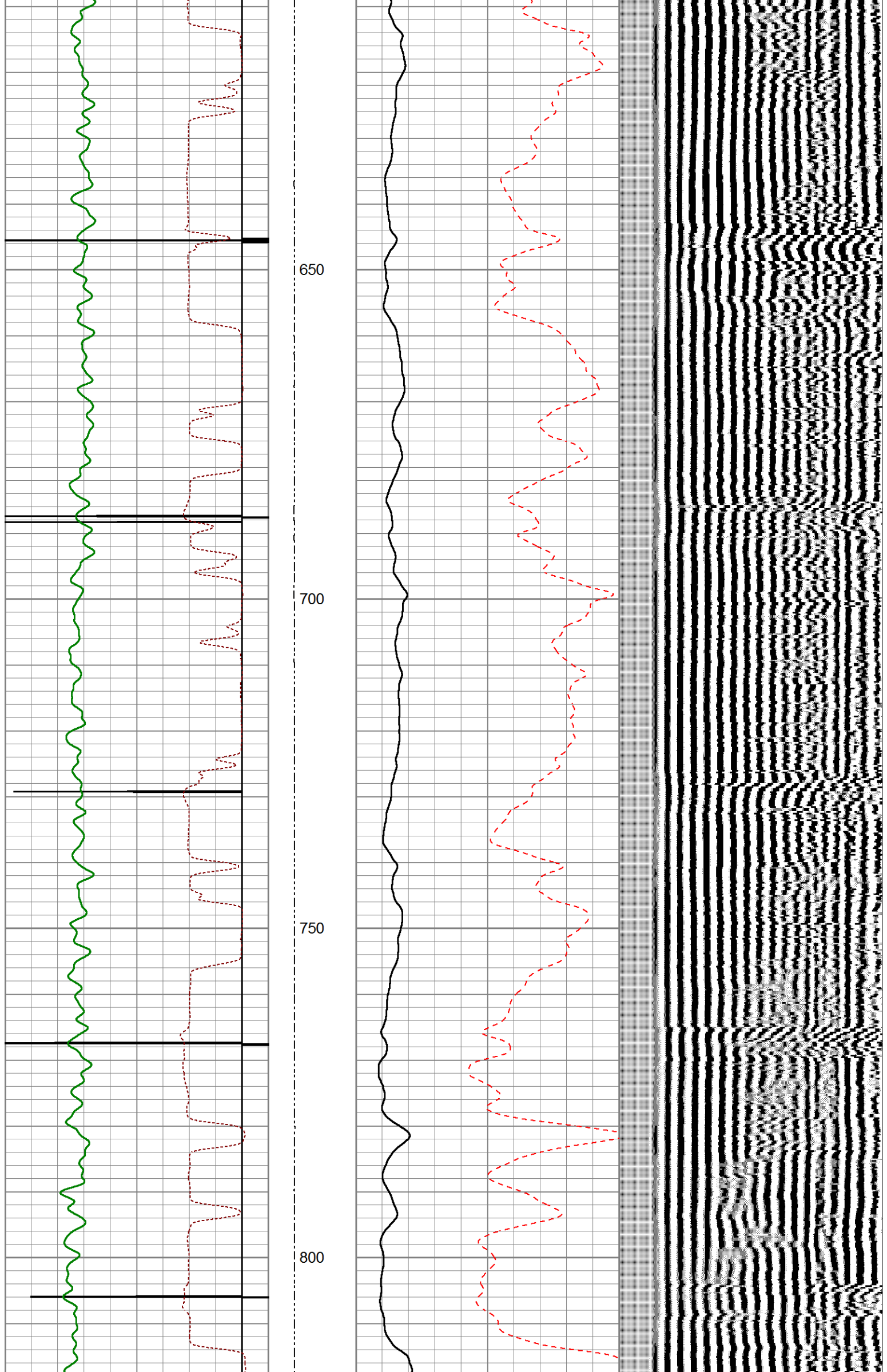
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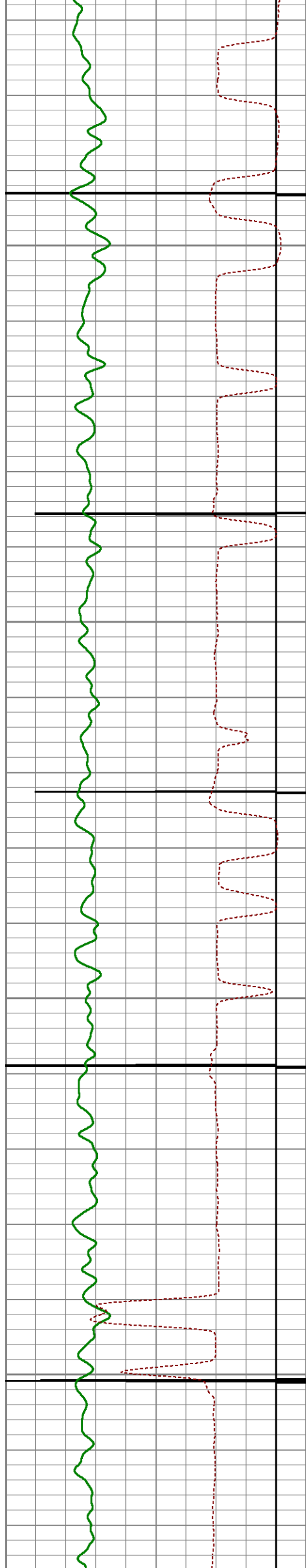
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550

600





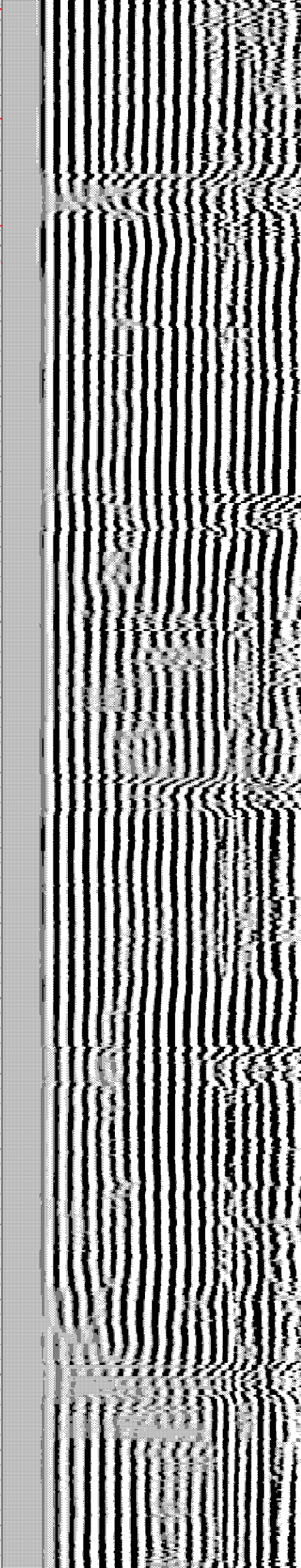
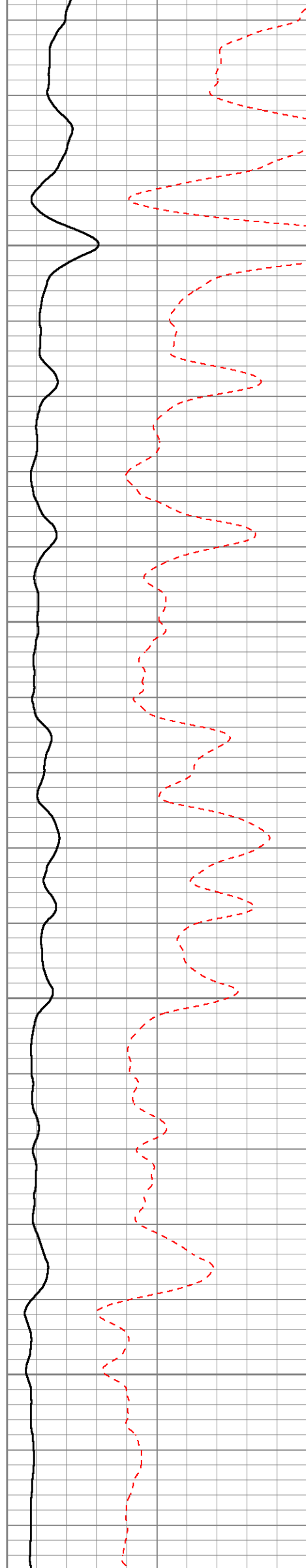


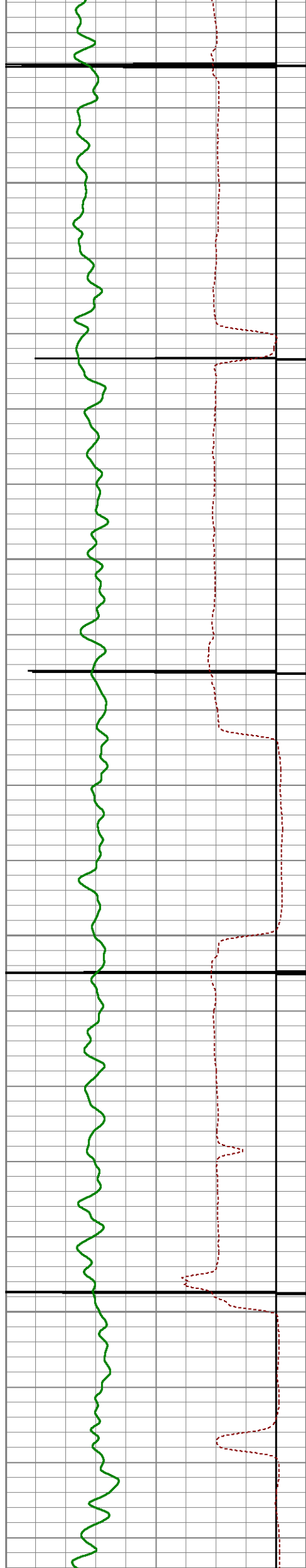
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900

950

1000



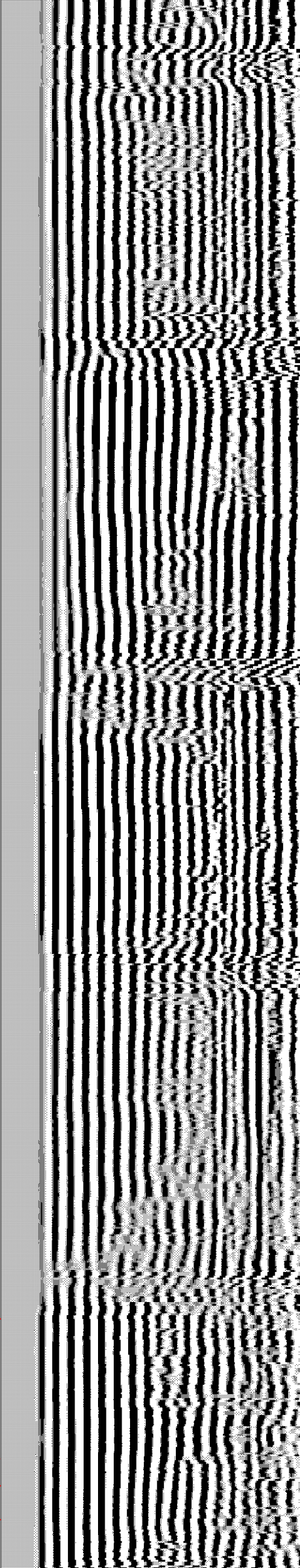
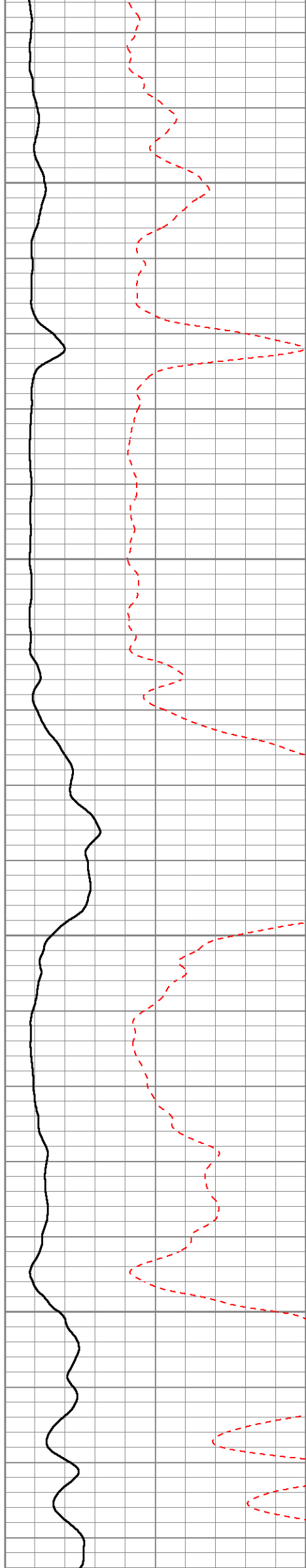


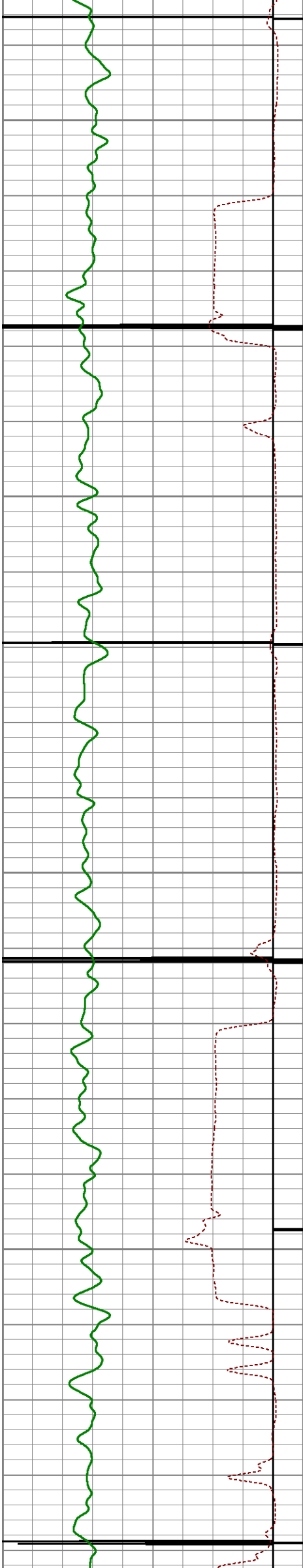
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1150

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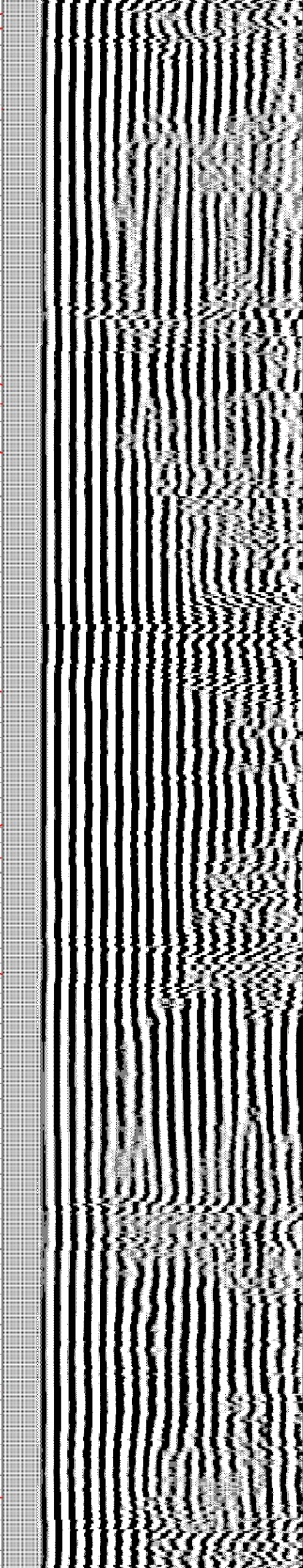
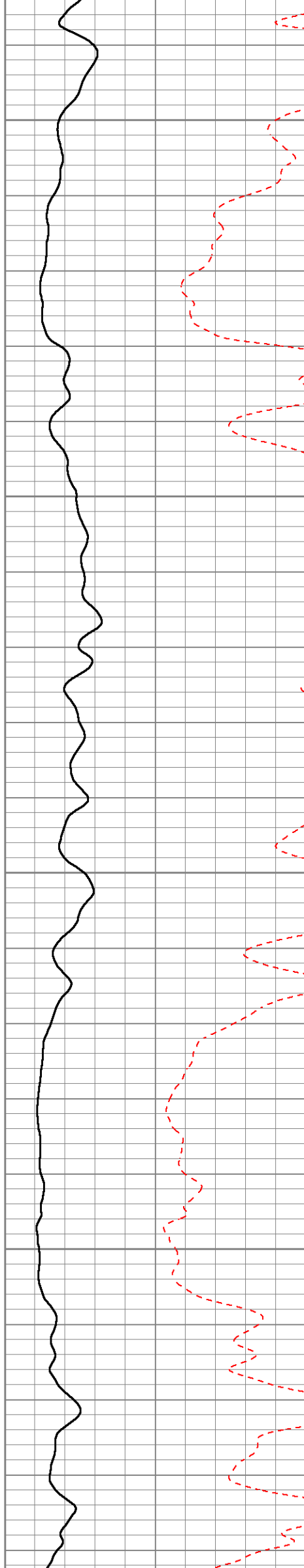


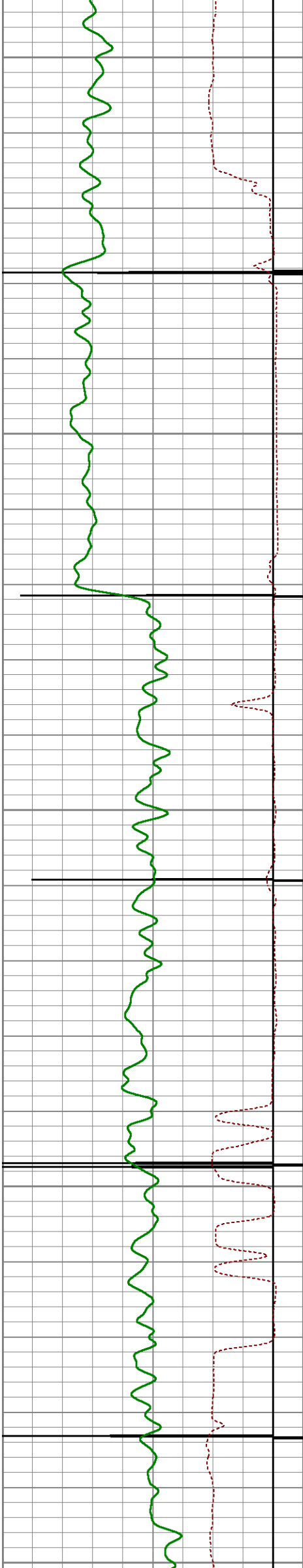
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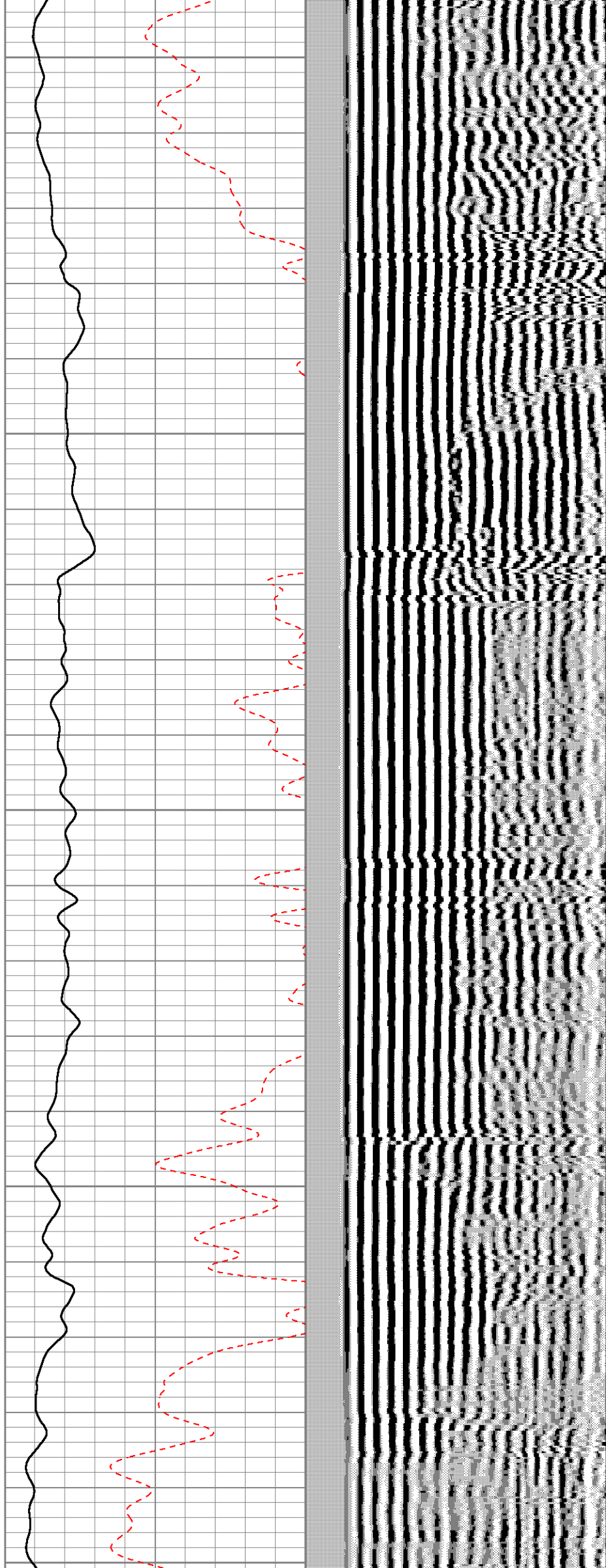
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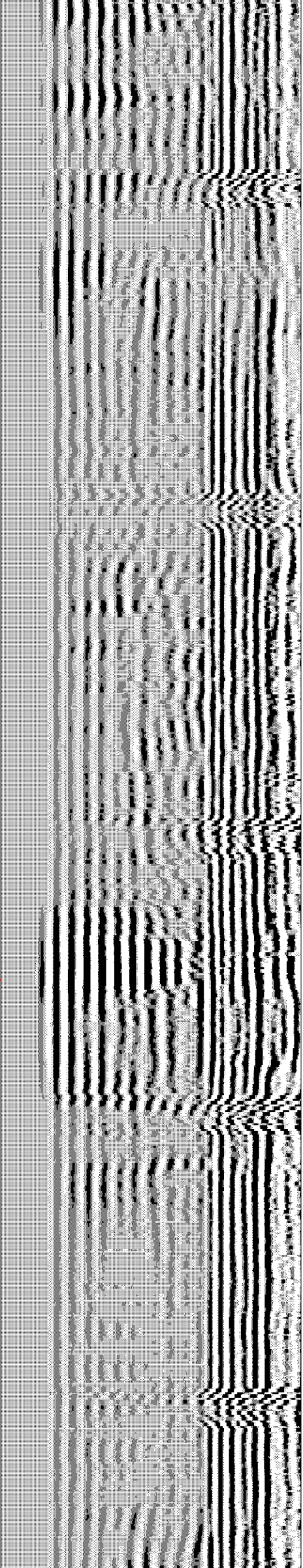
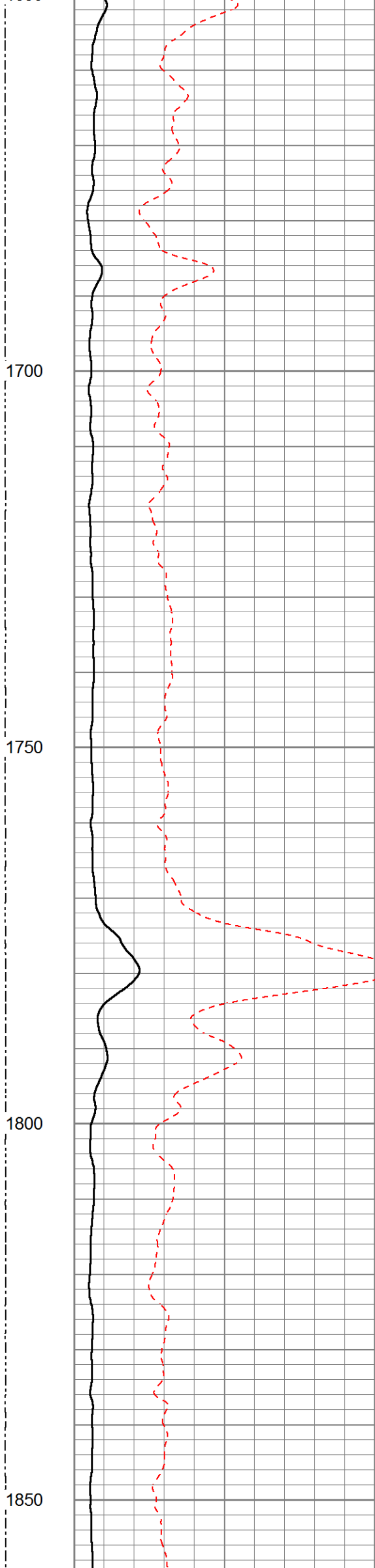
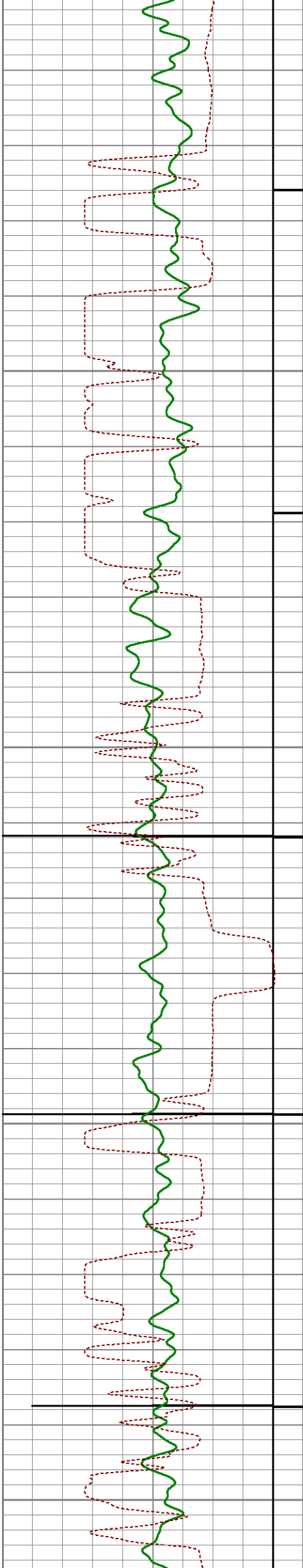
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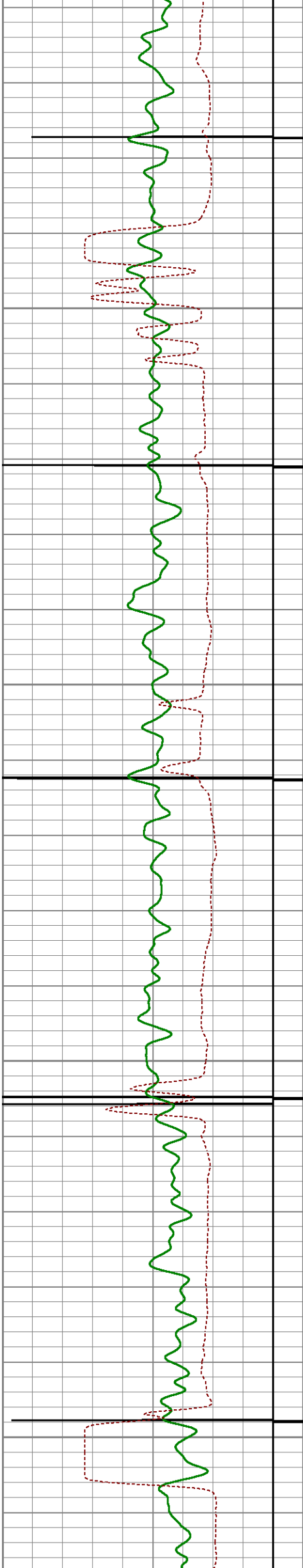
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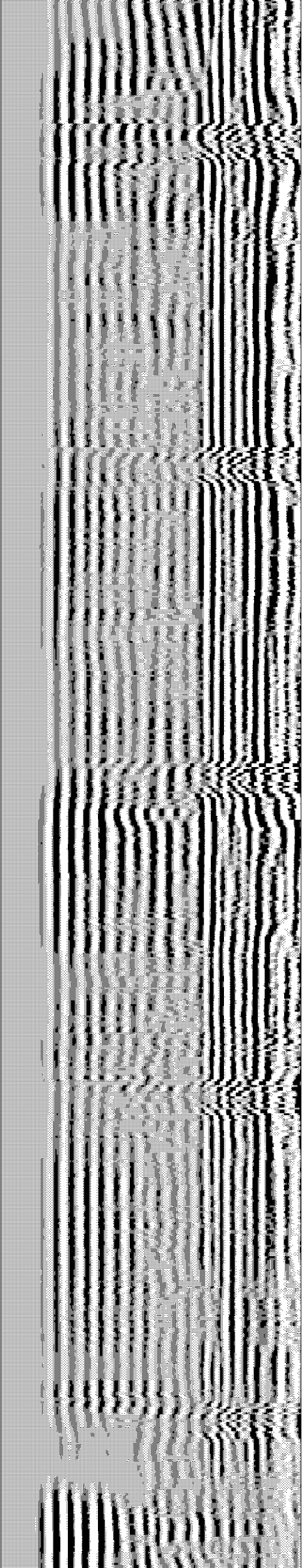
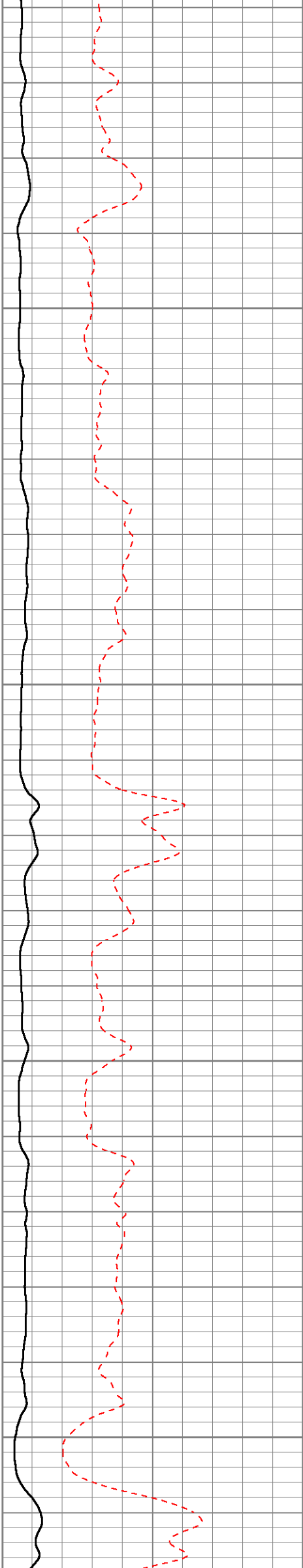


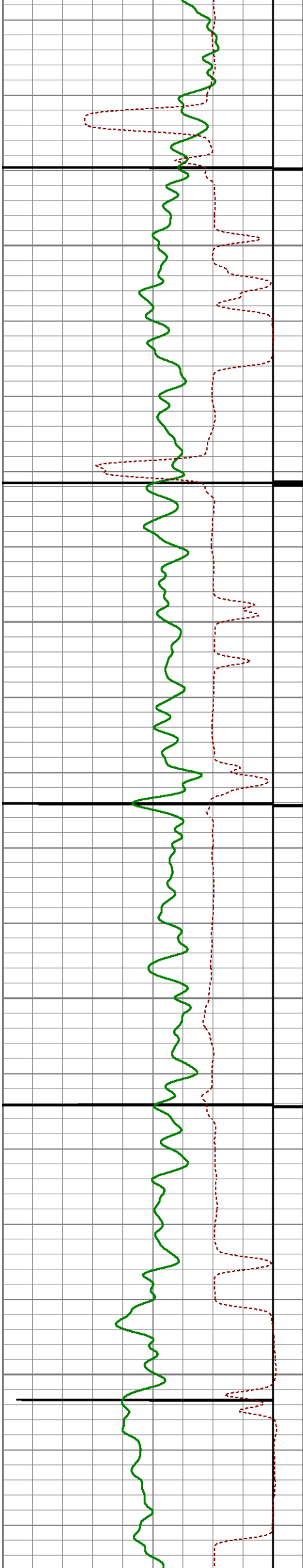
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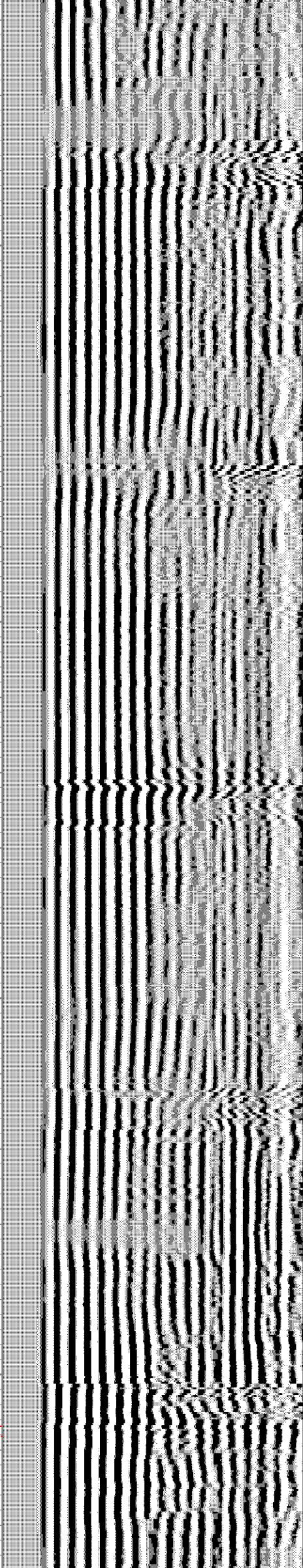
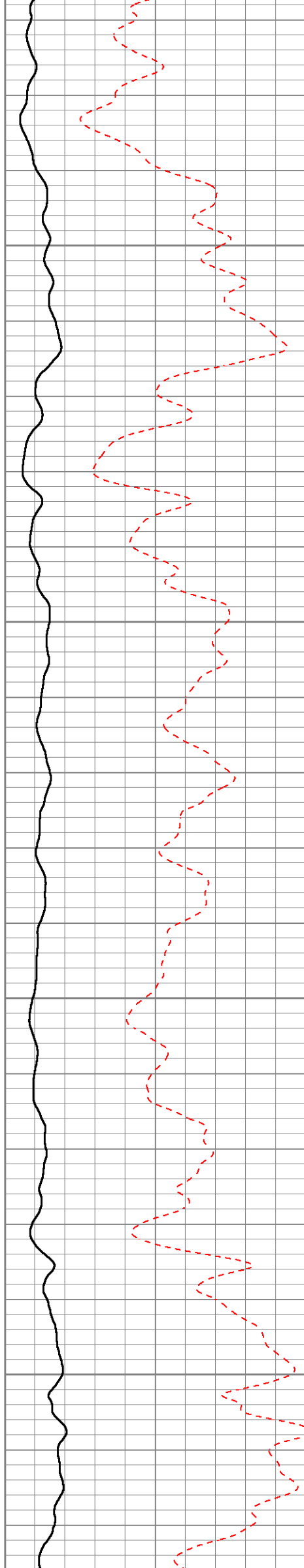


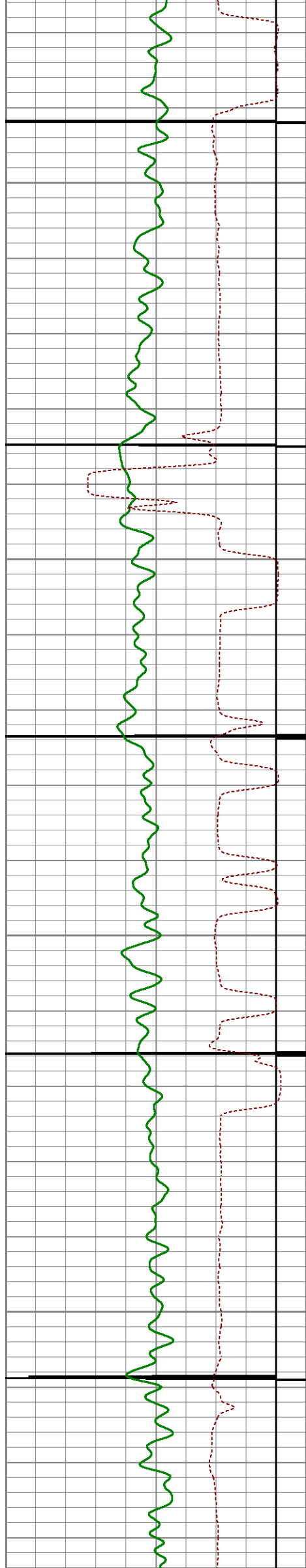
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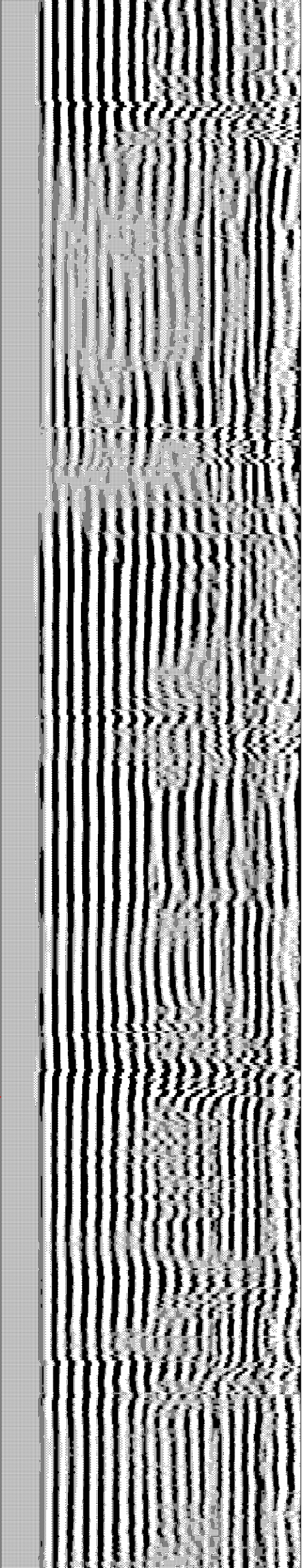
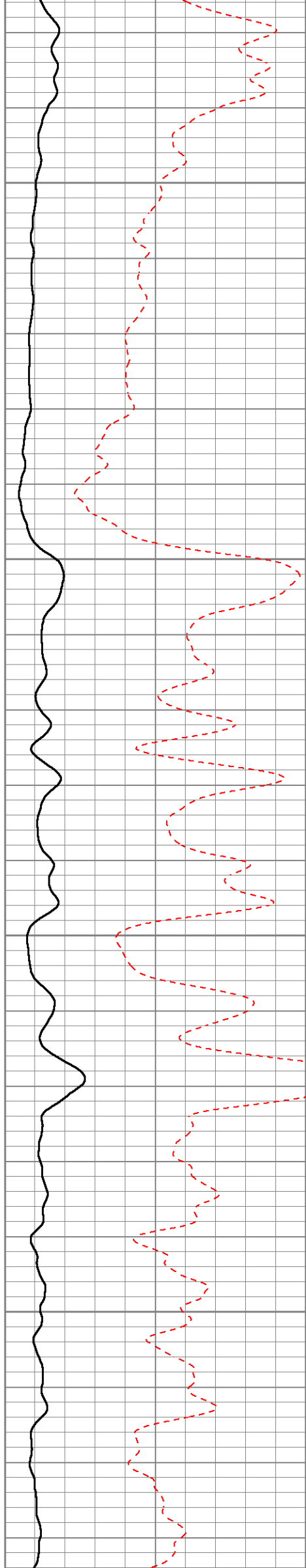


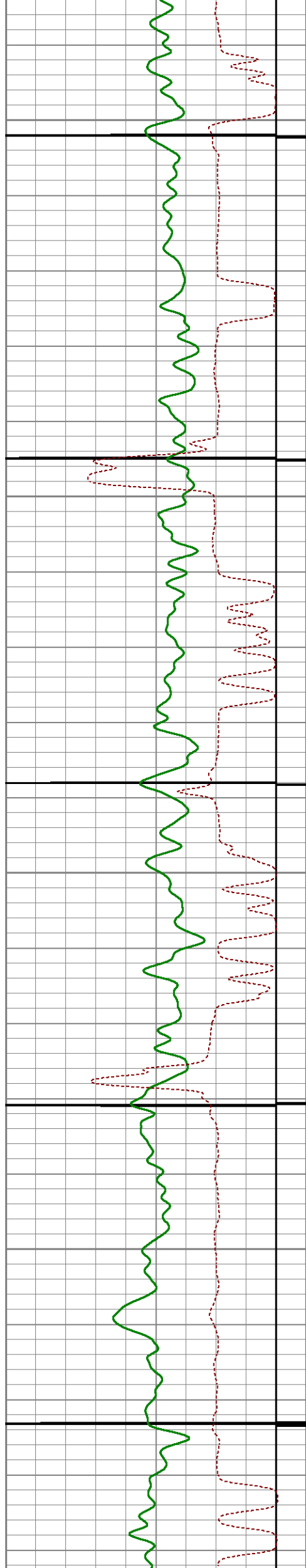
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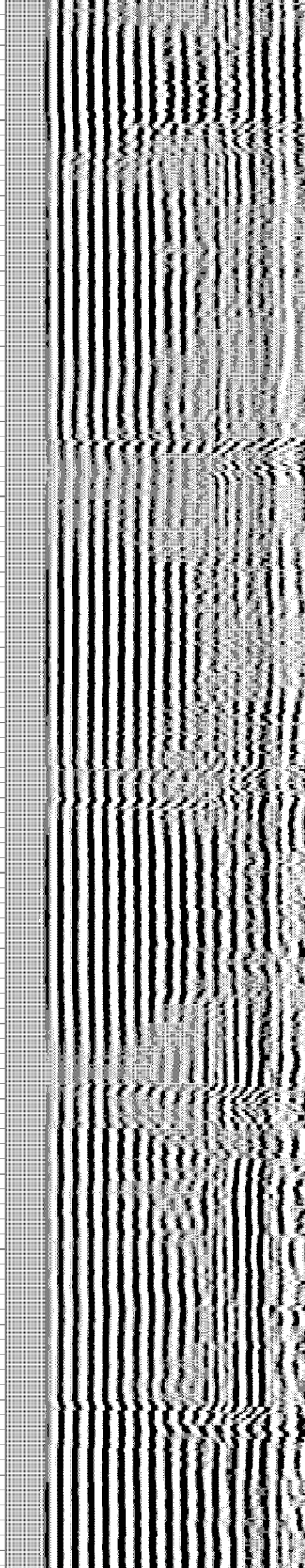
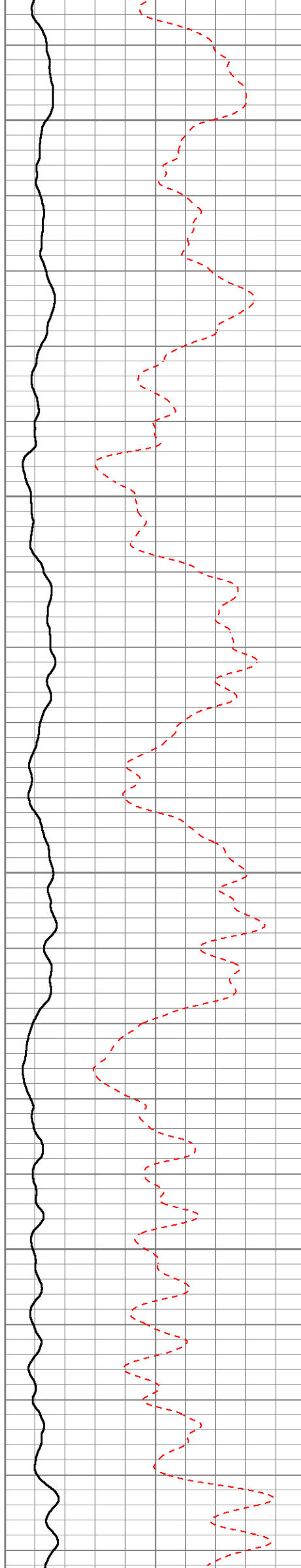


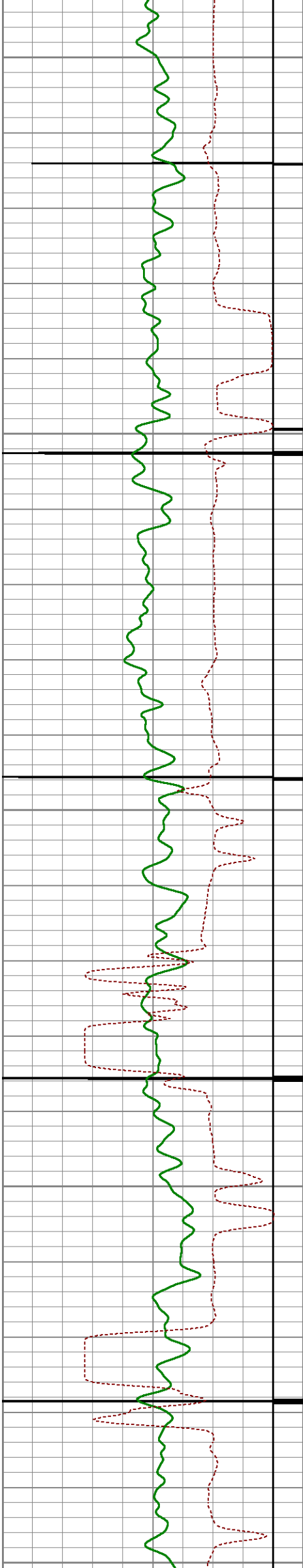
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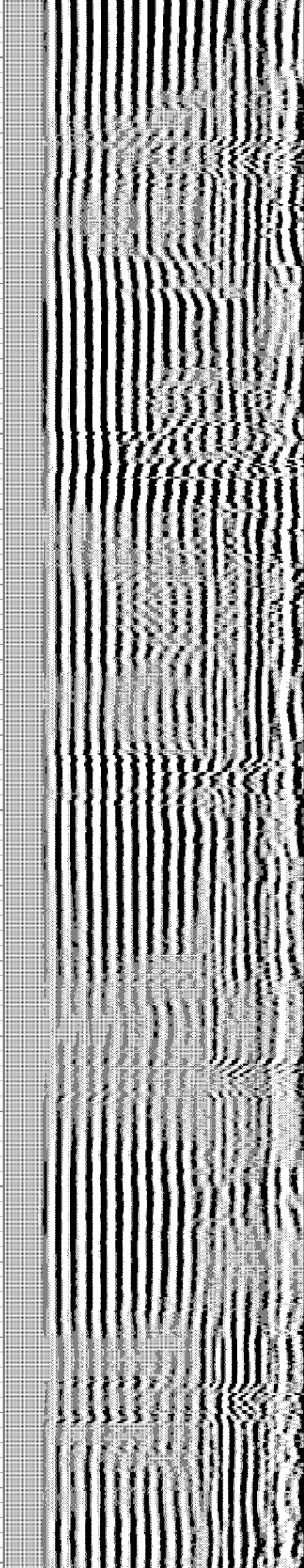
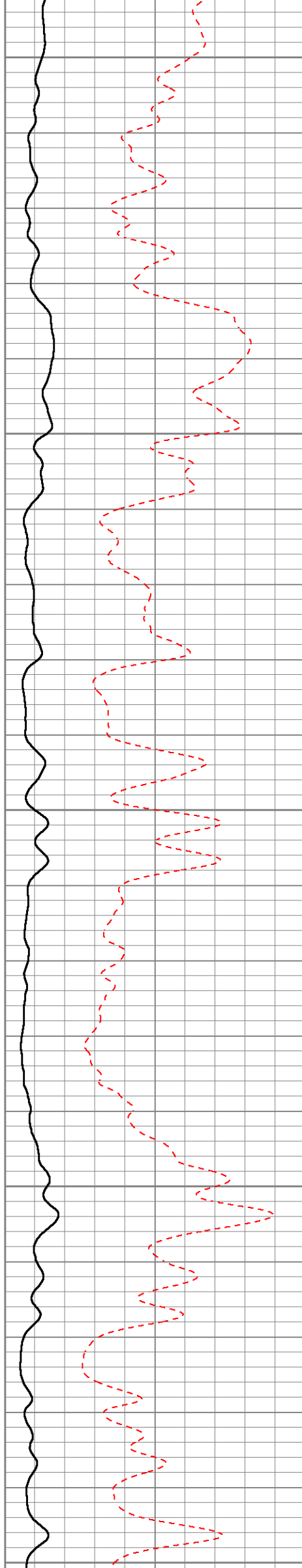
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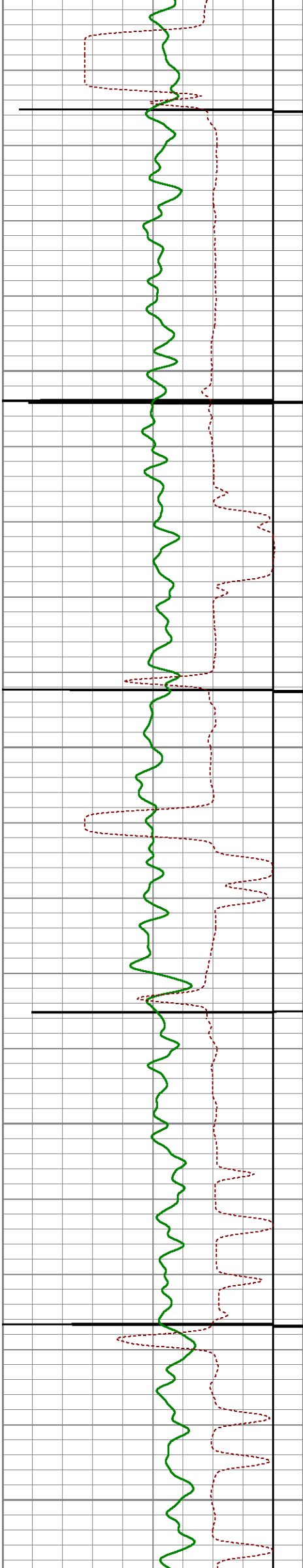
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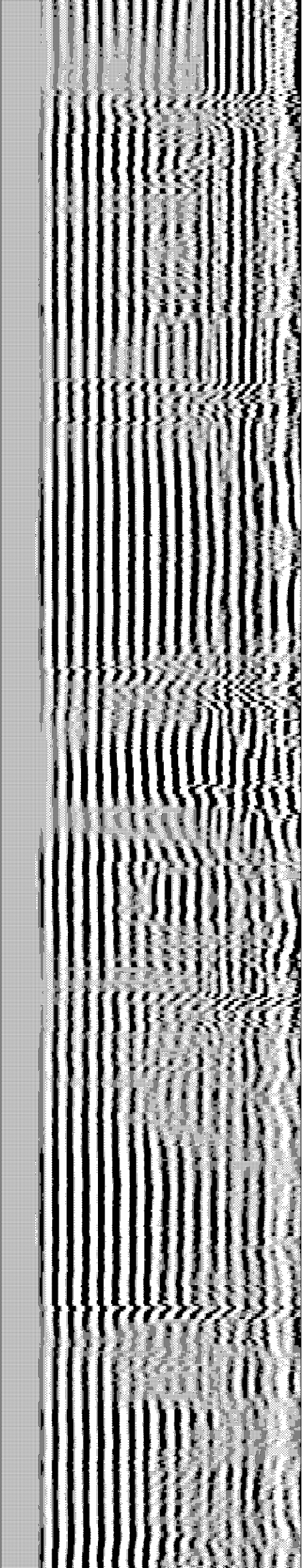
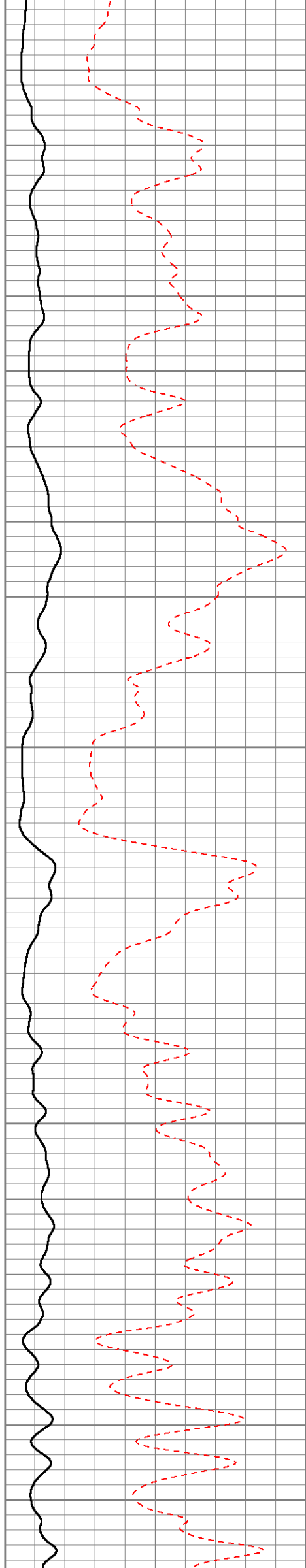


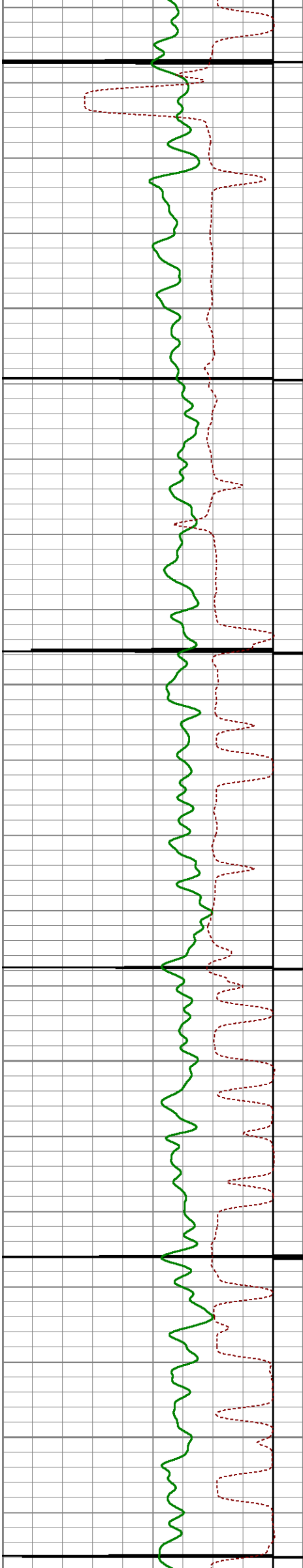
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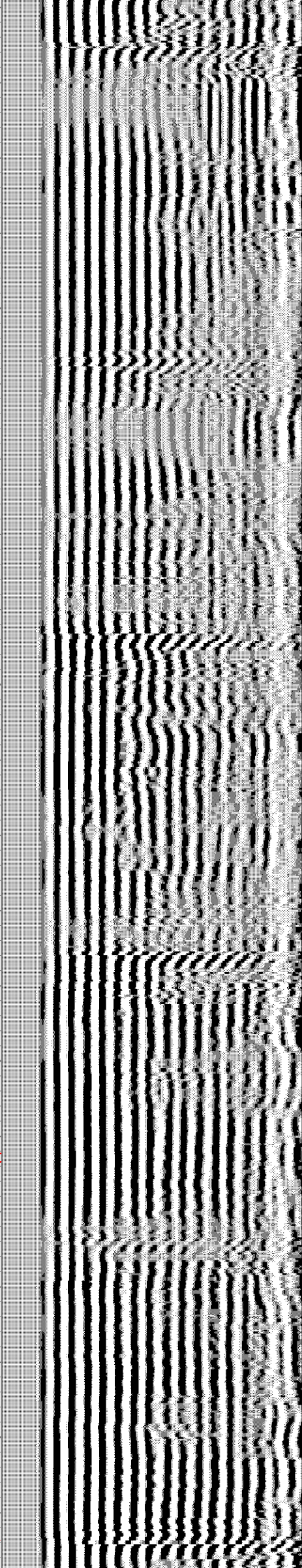
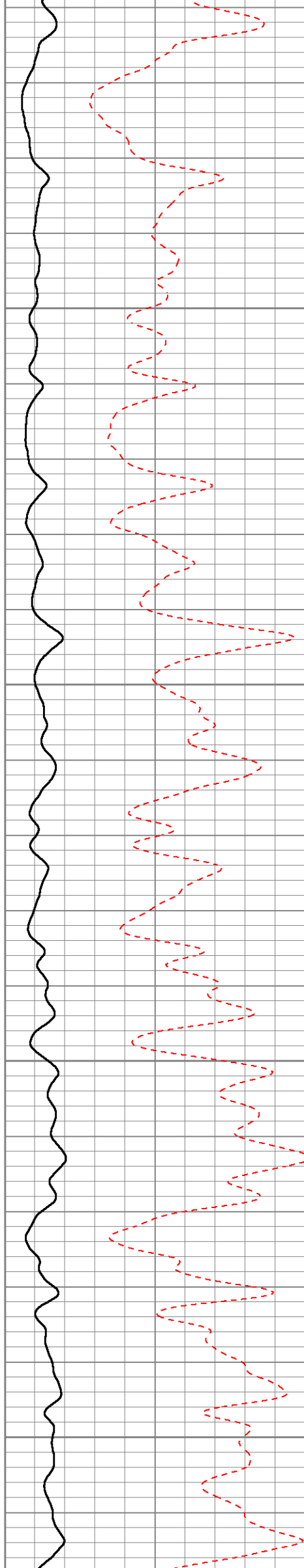


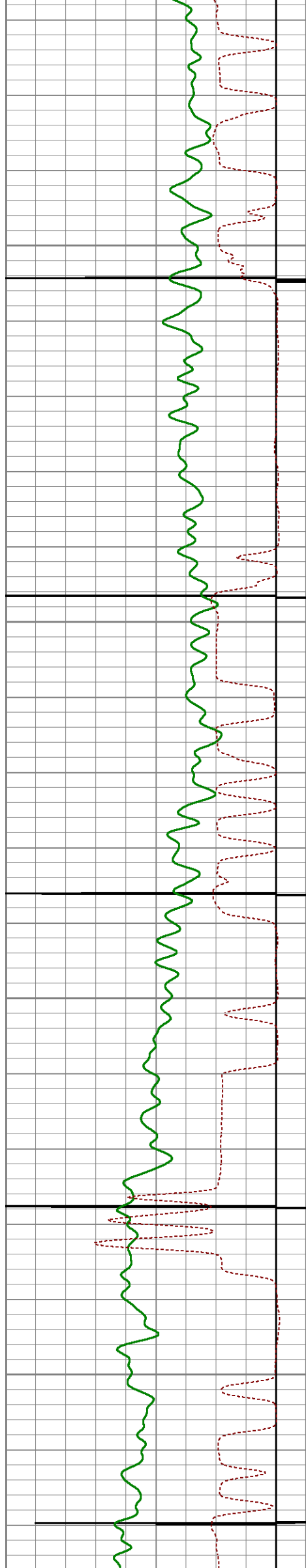
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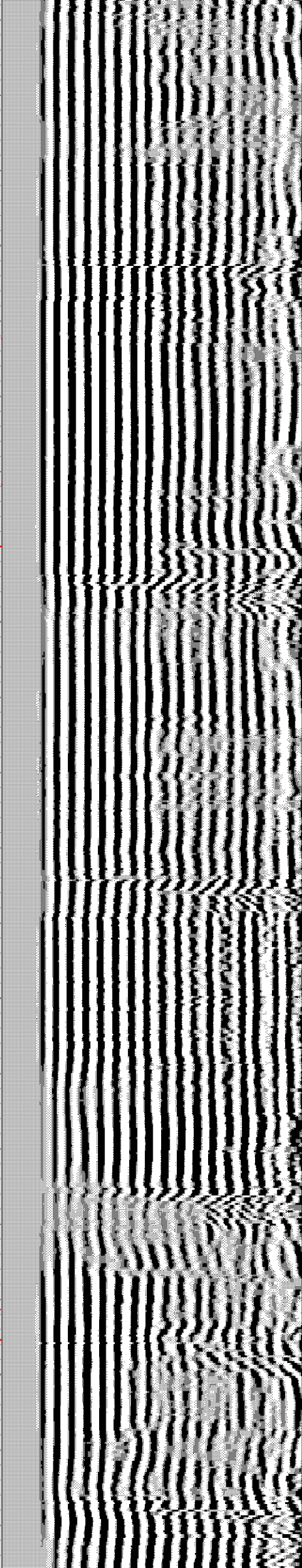
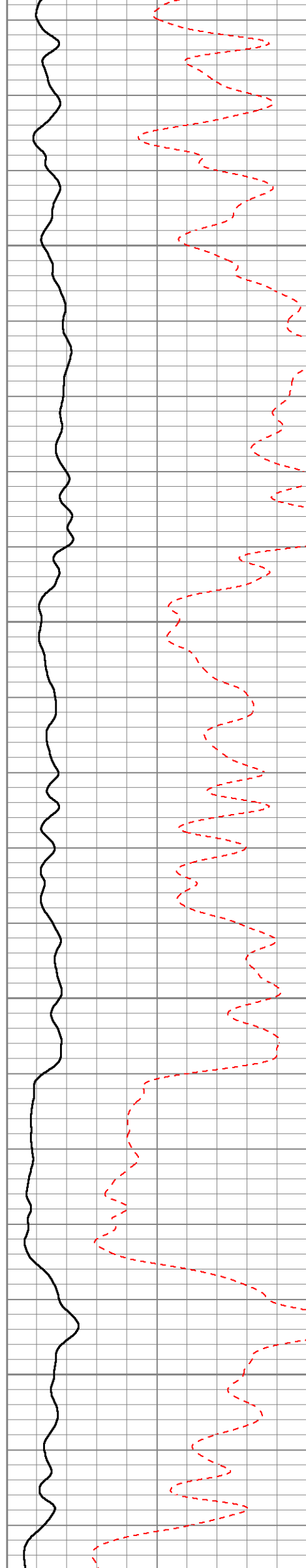


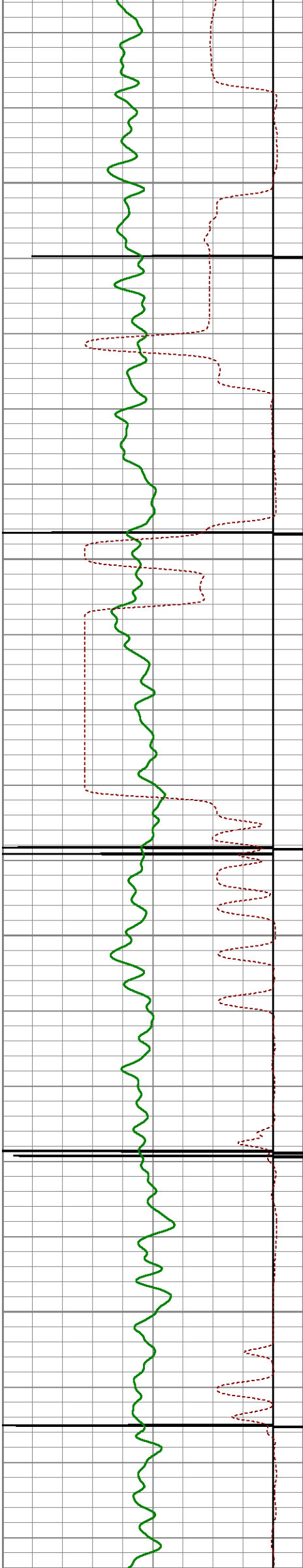
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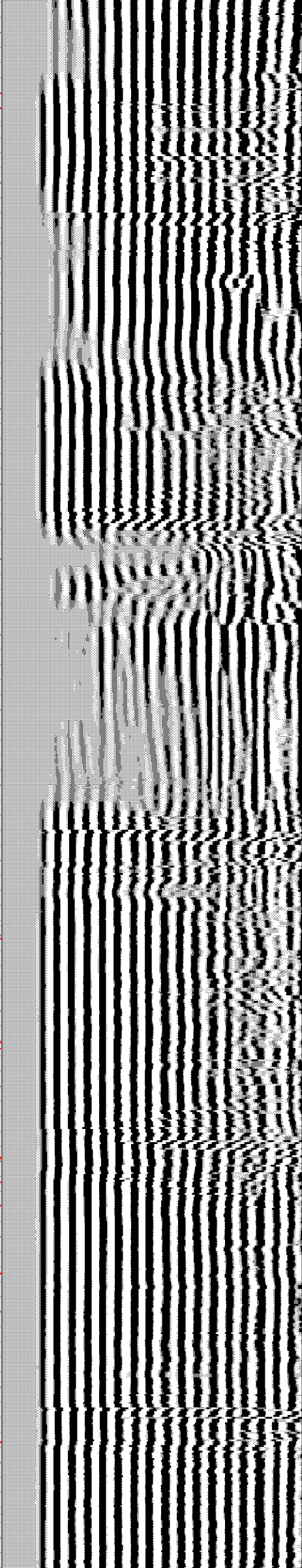


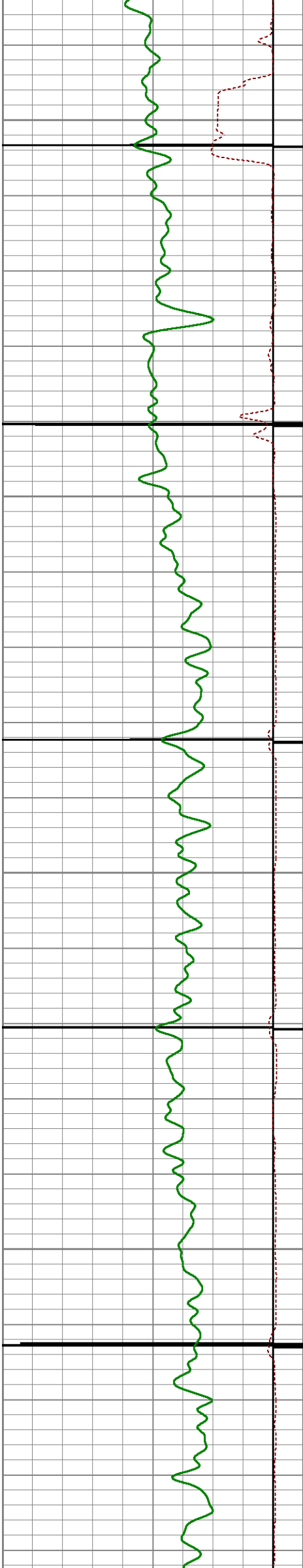
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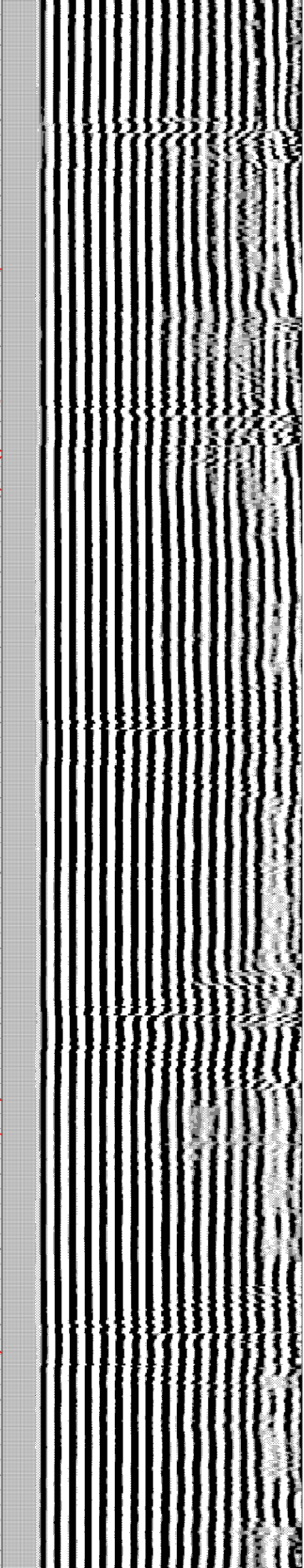
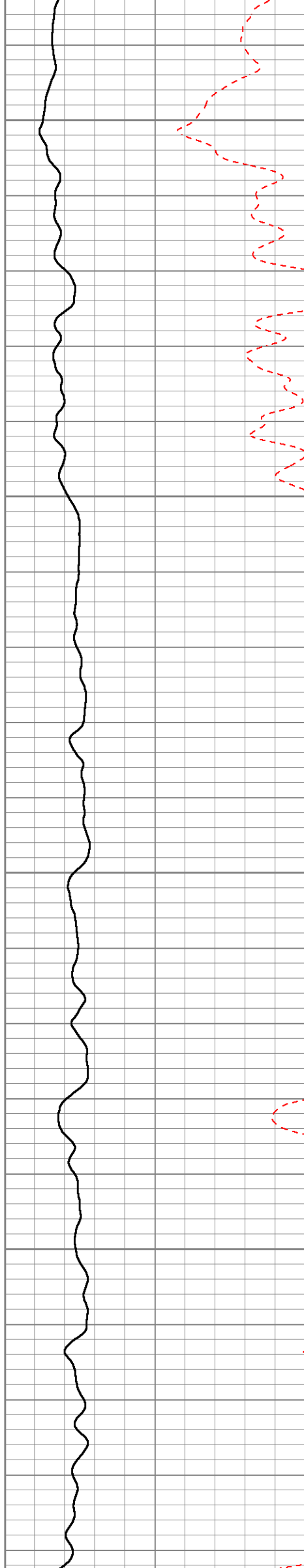


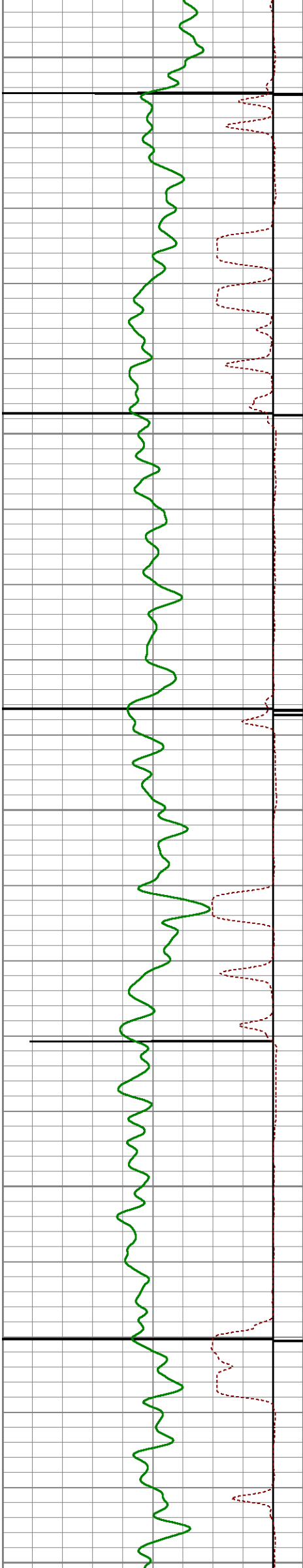
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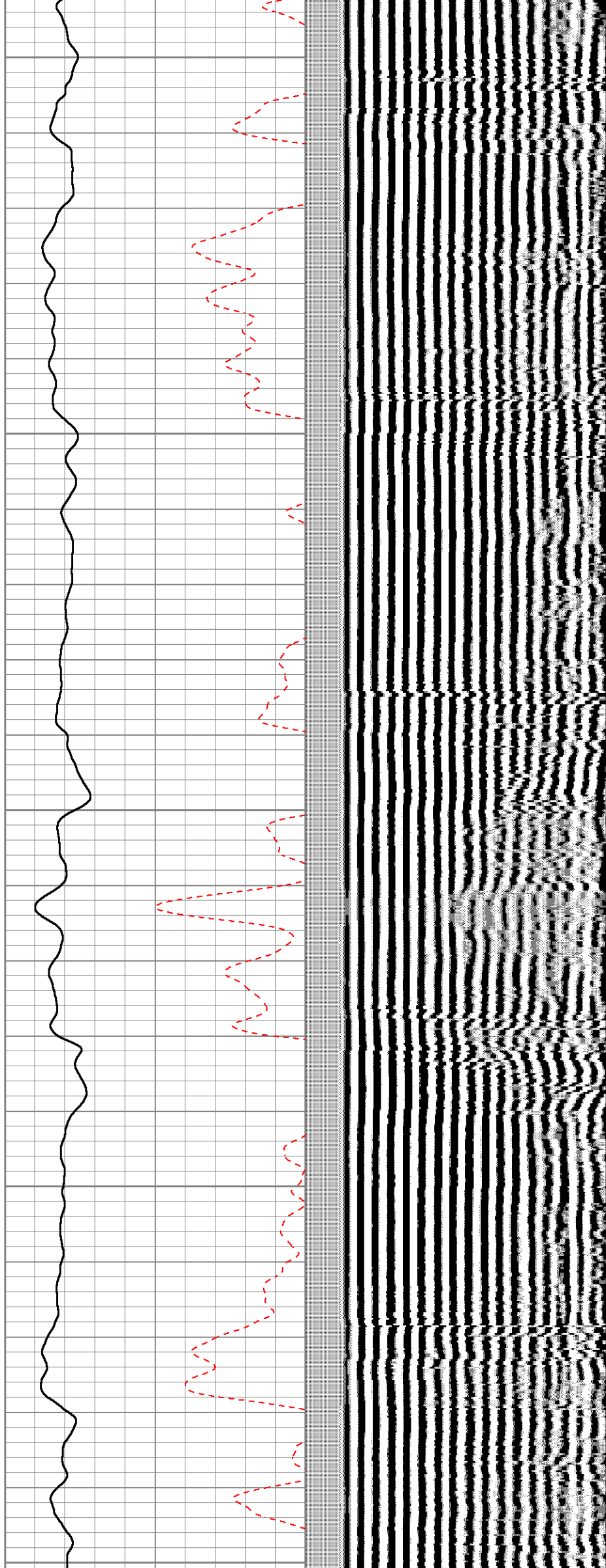
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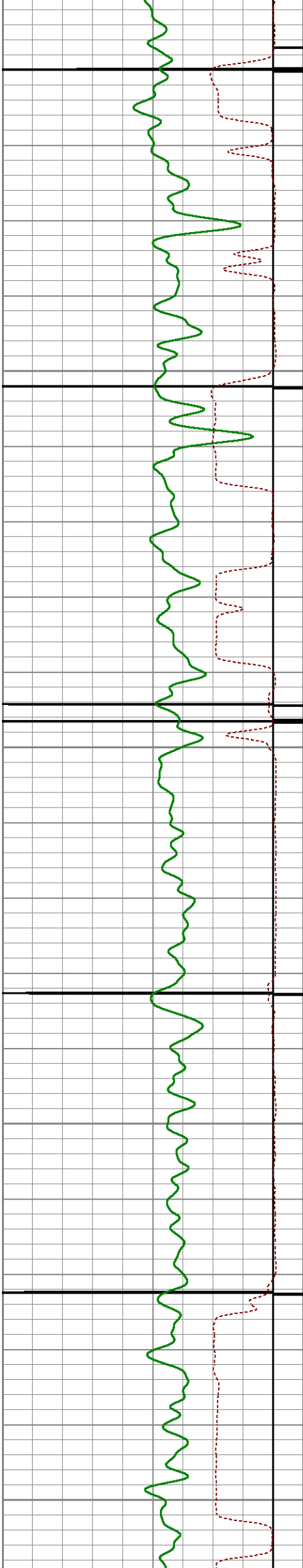
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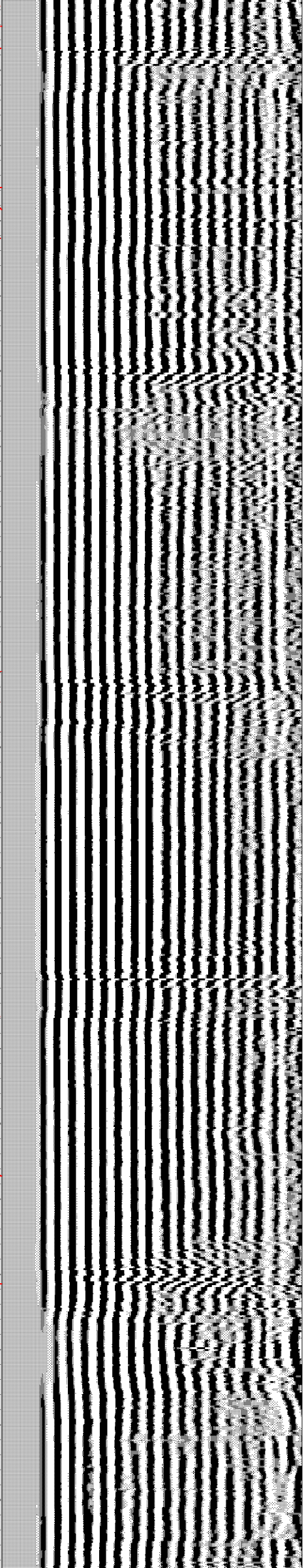
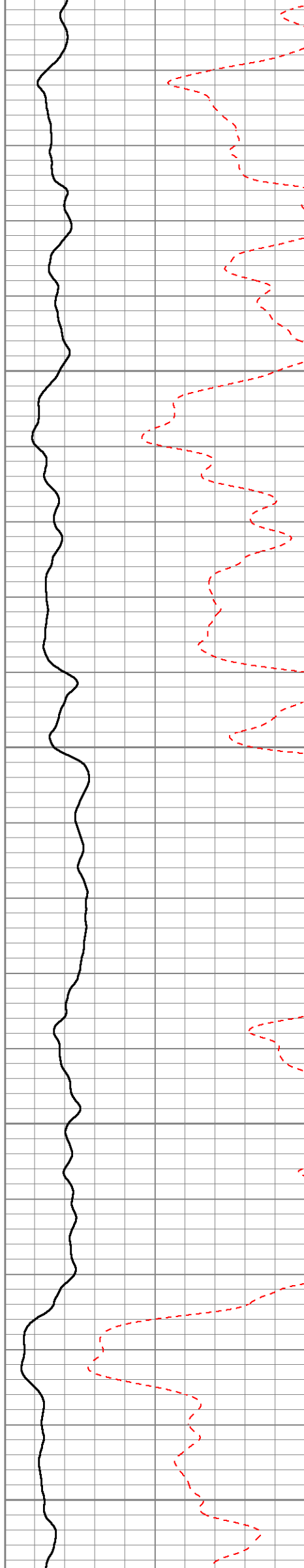


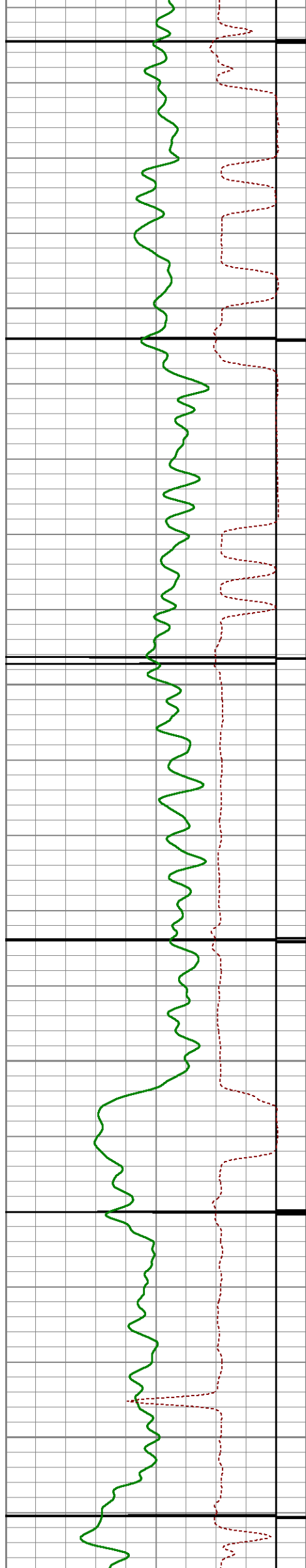
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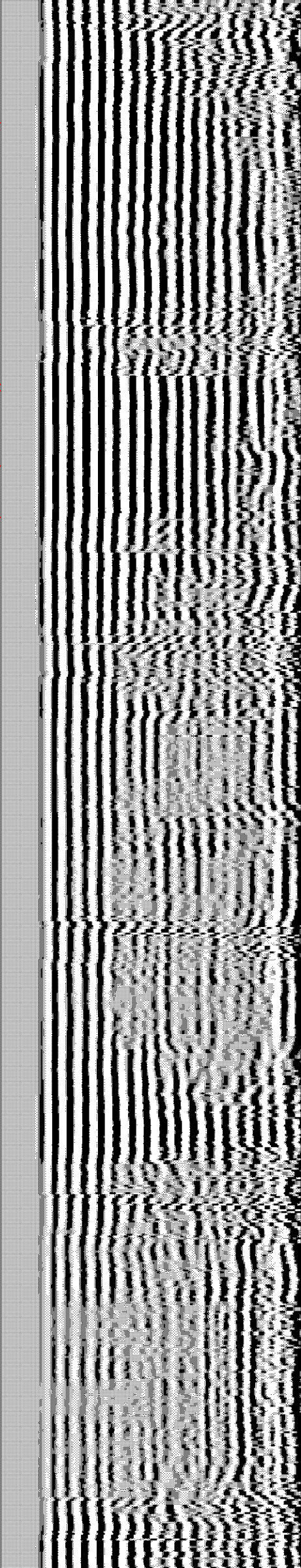
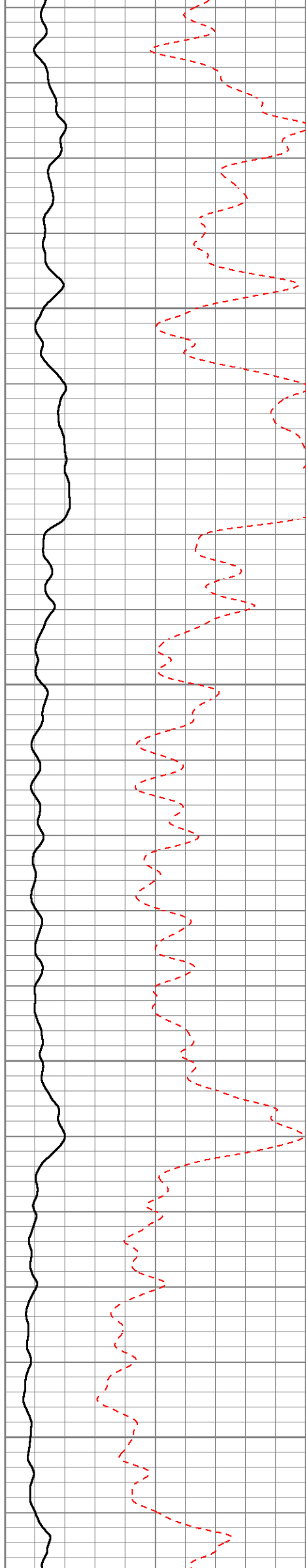


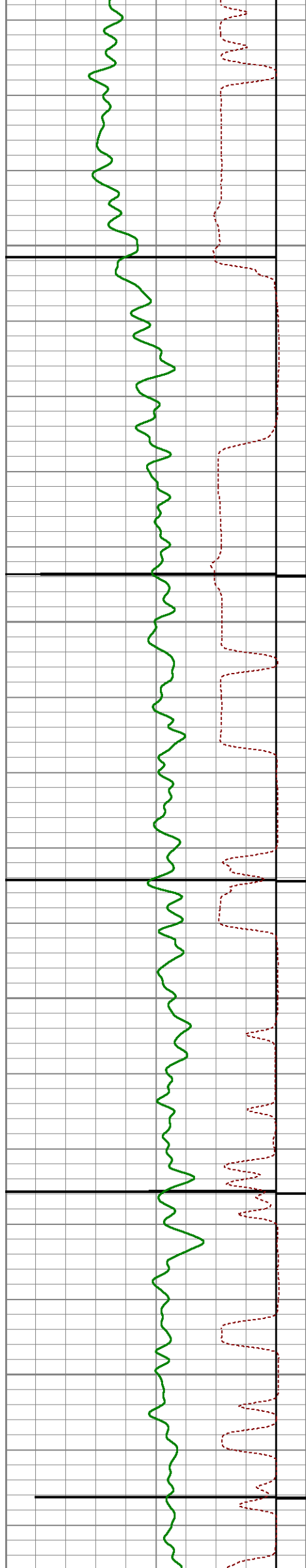
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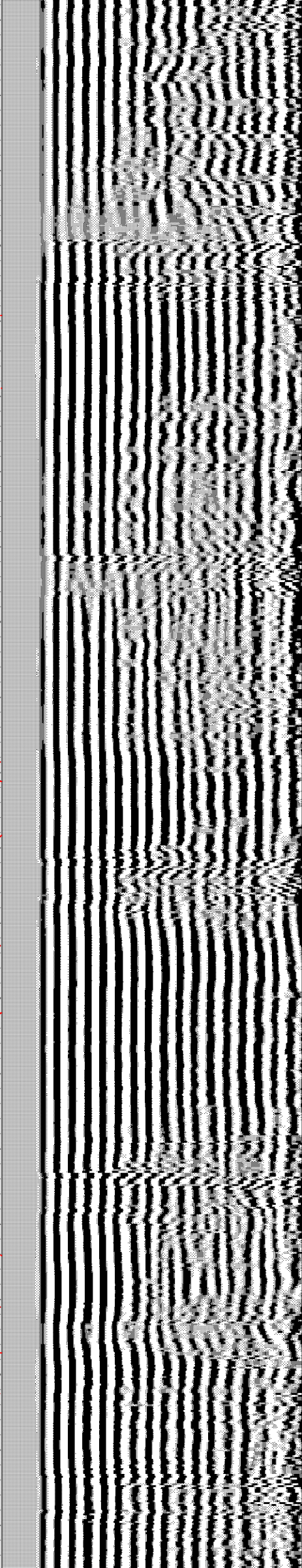
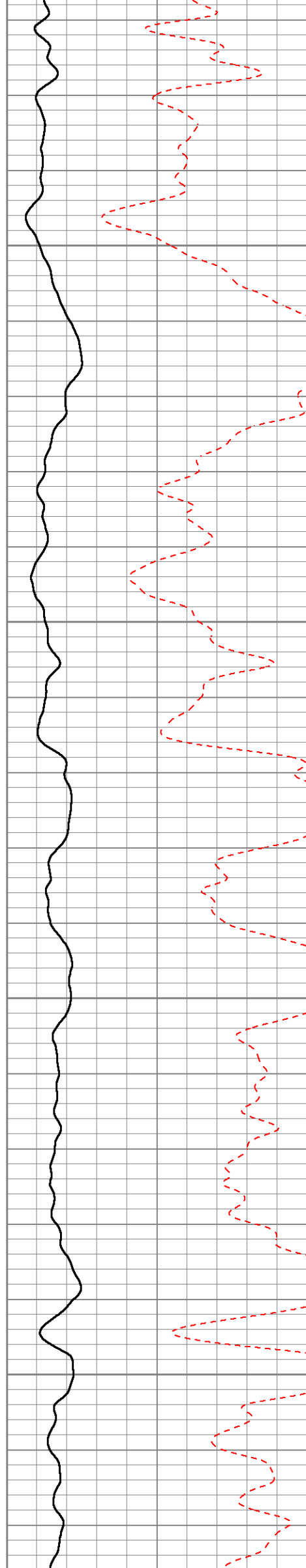


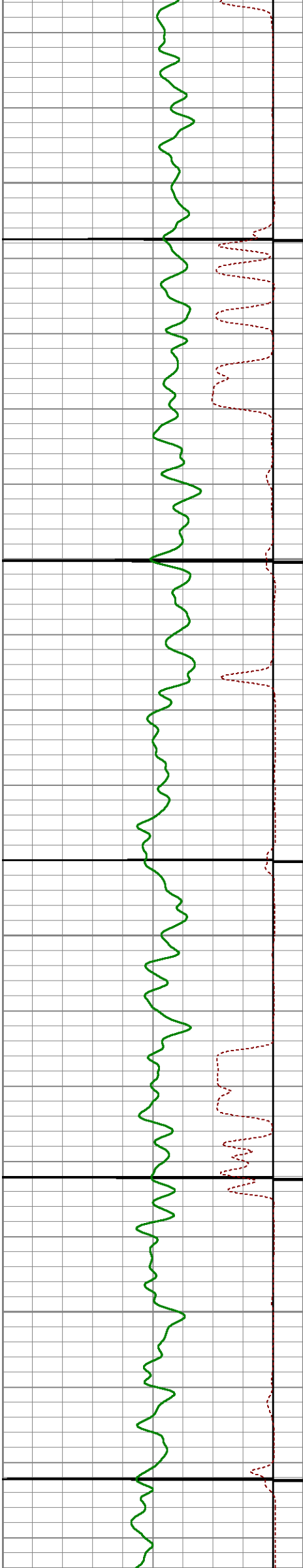
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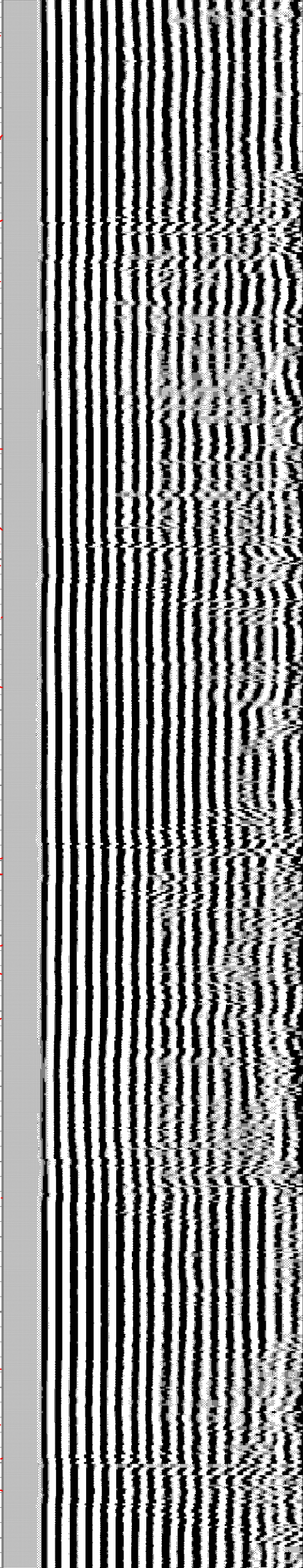
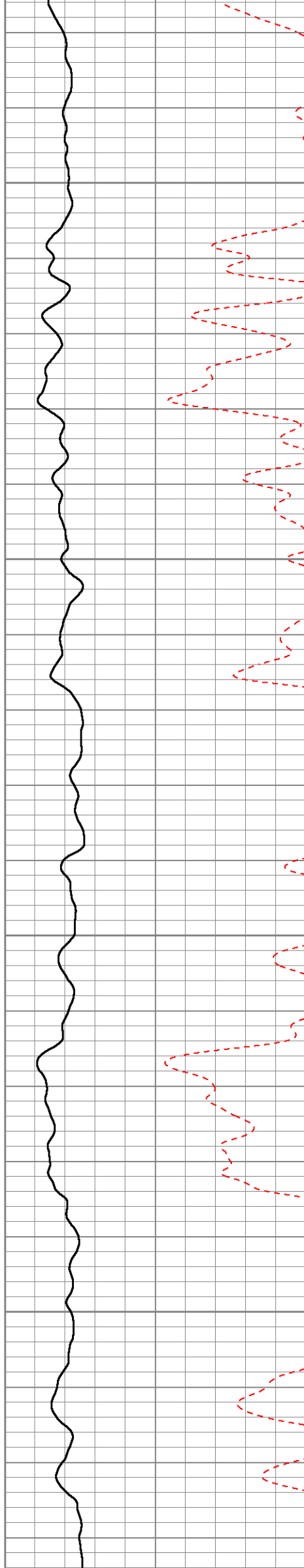


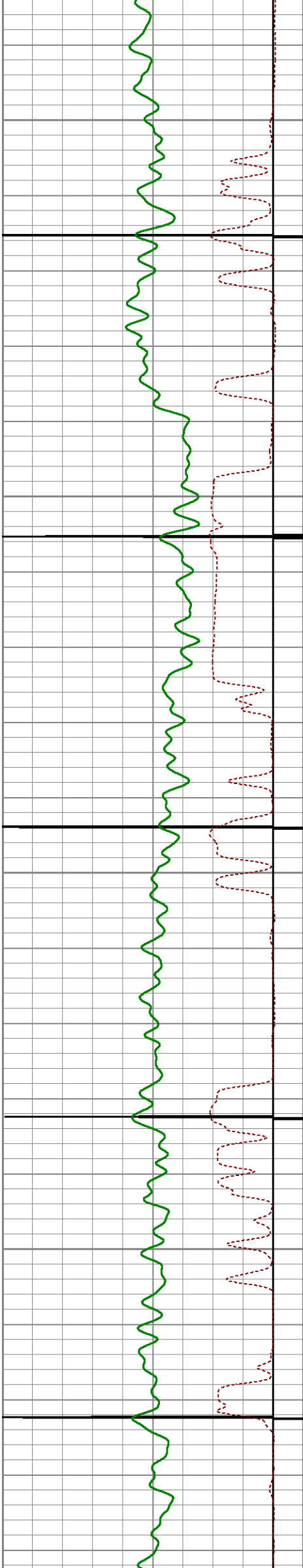
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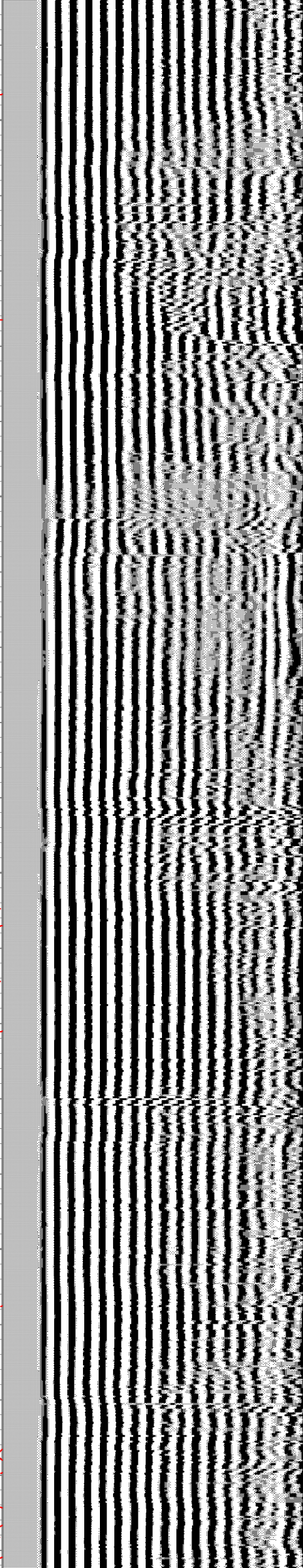
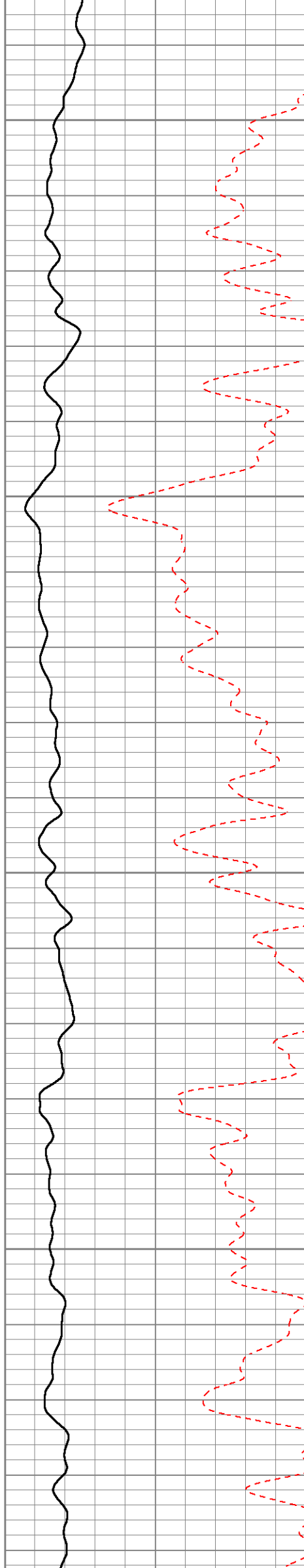


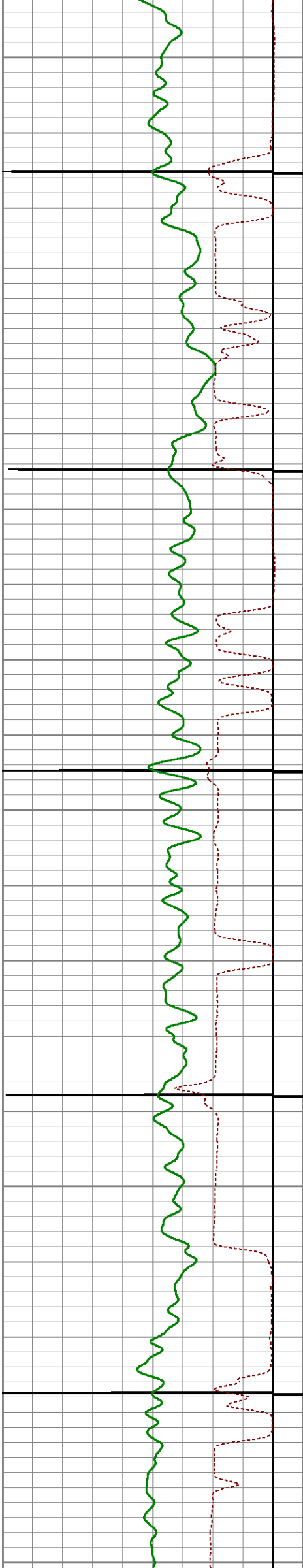
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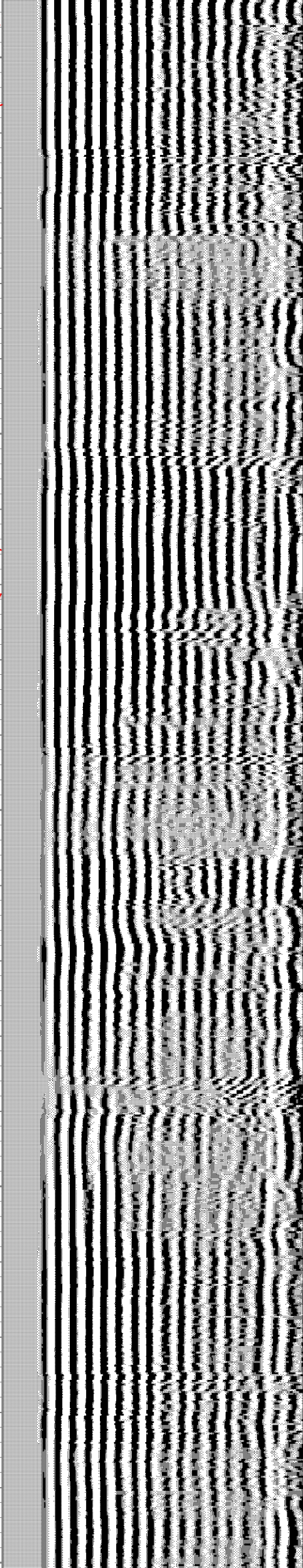
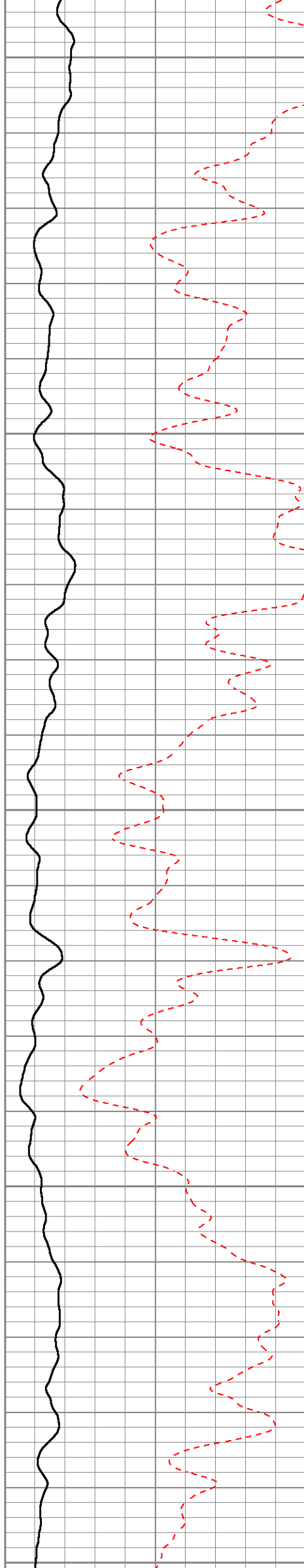
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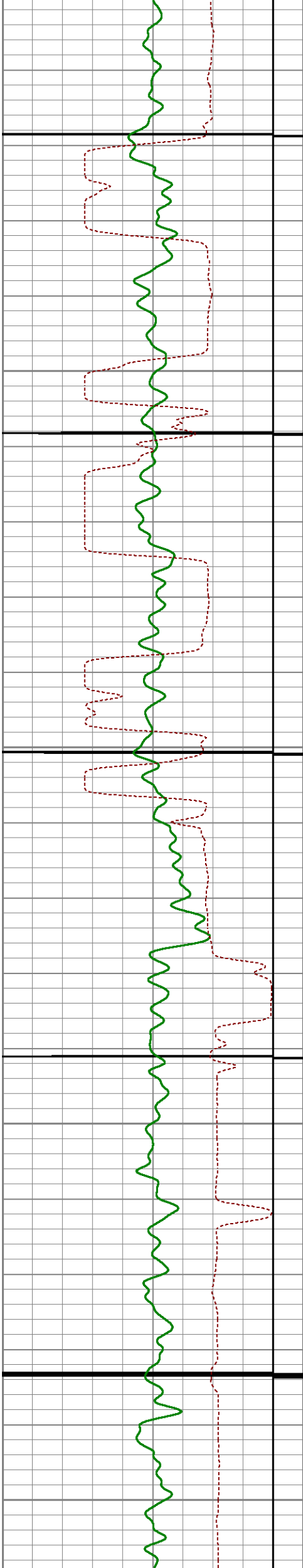
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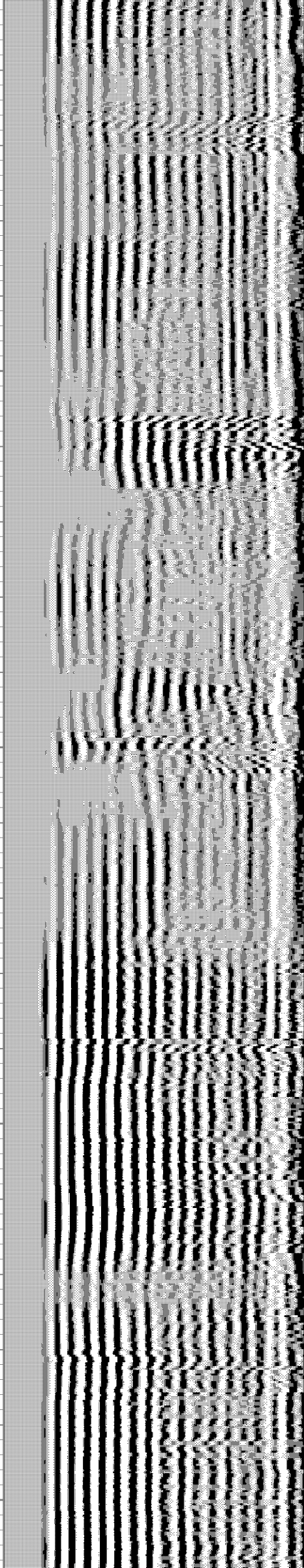
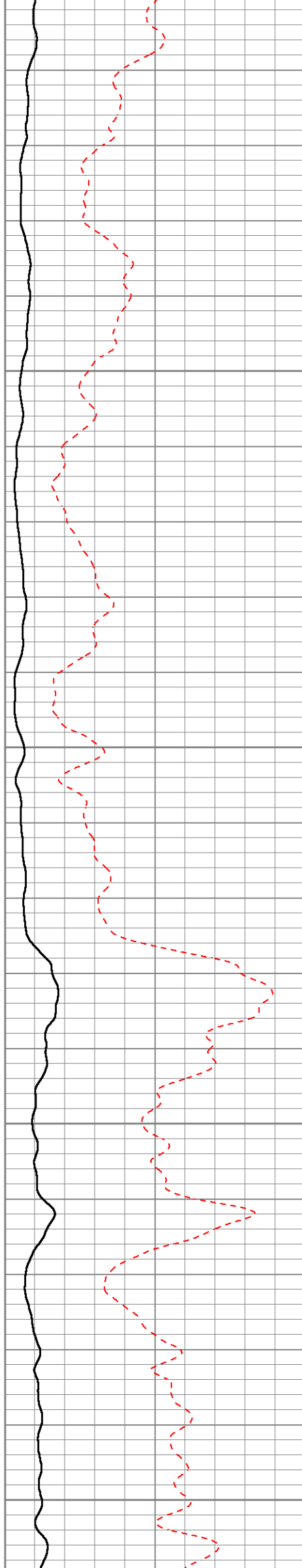


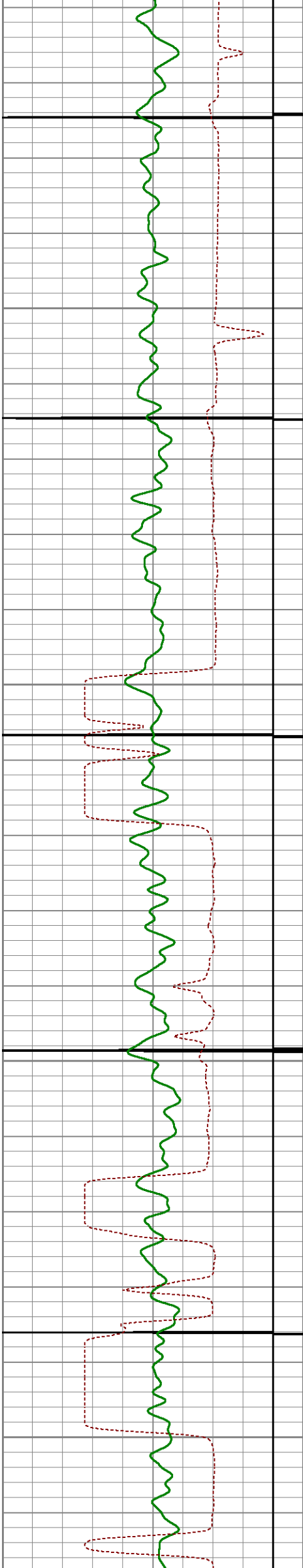
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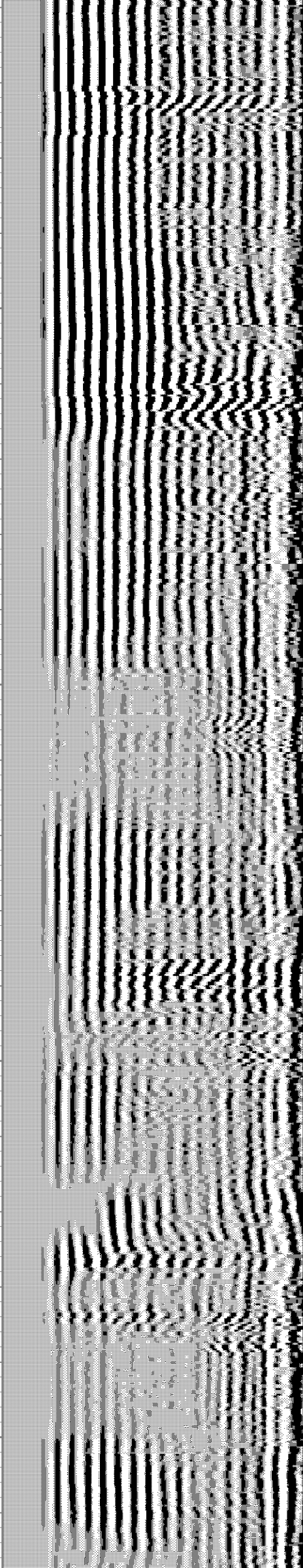
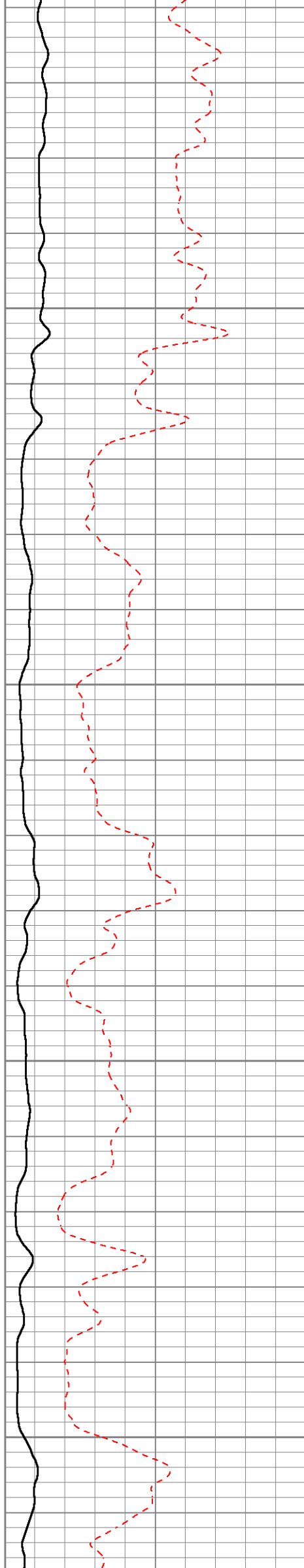


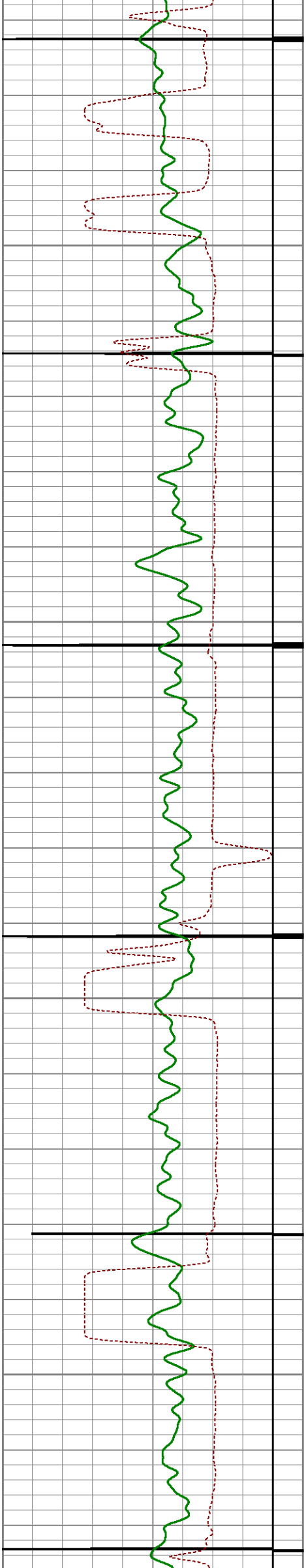
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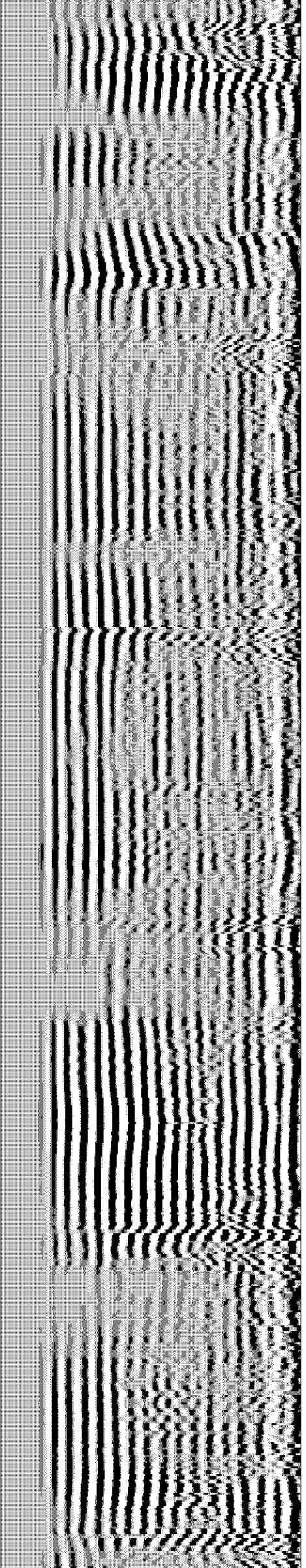
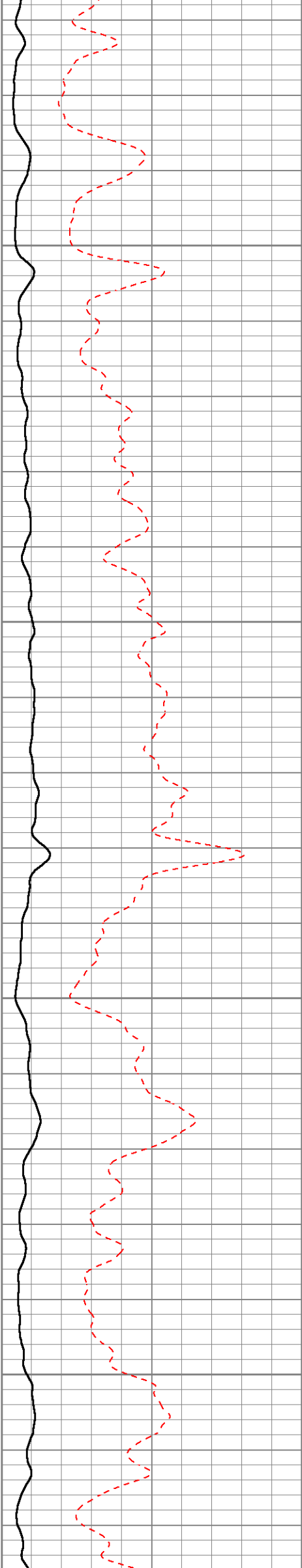


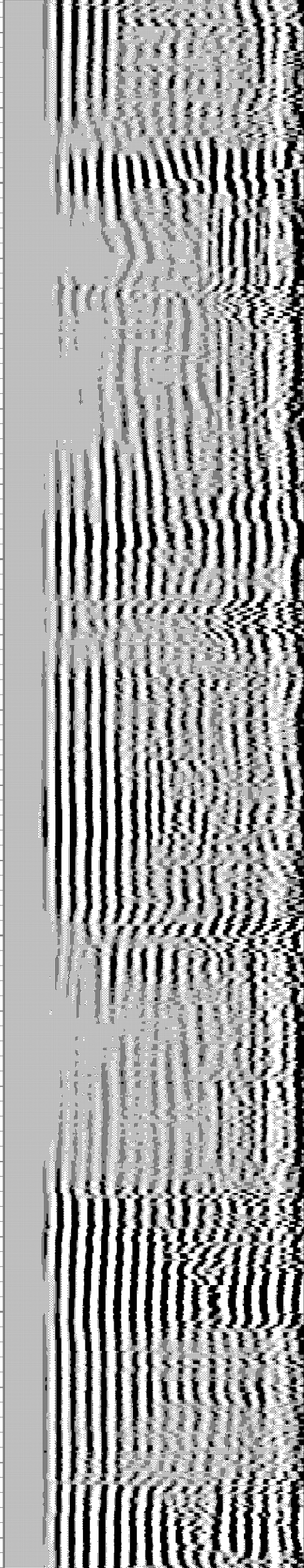
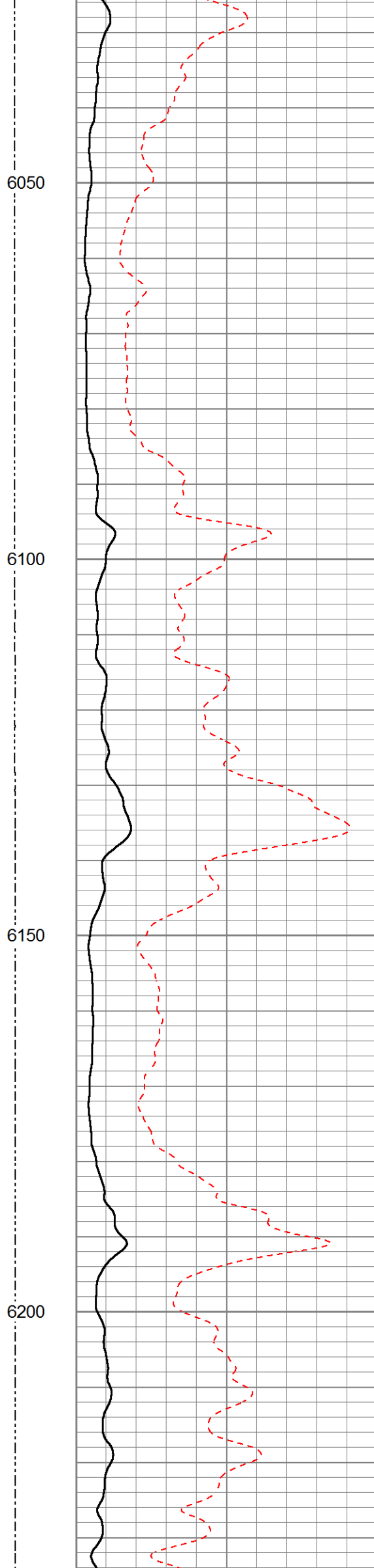
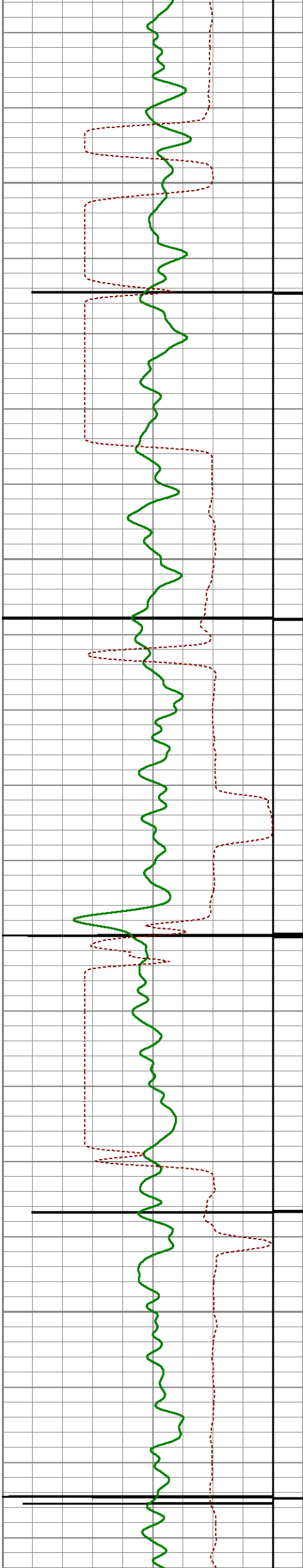
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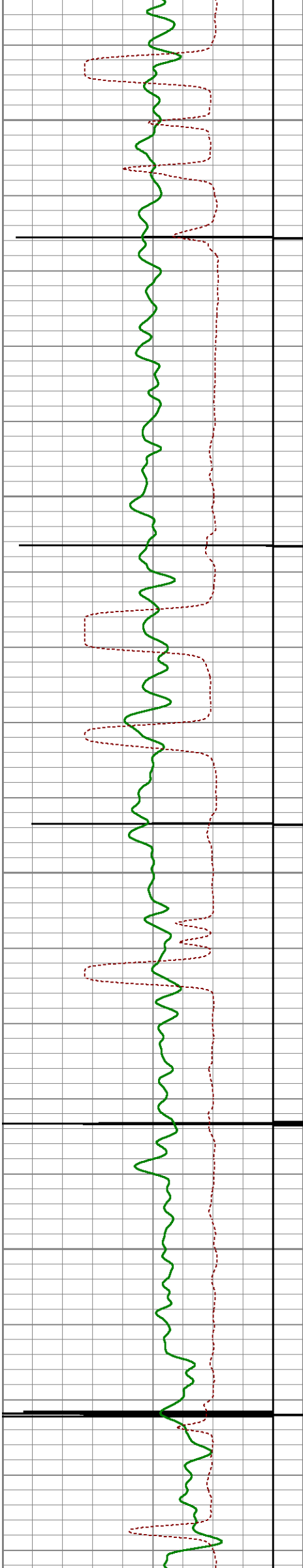
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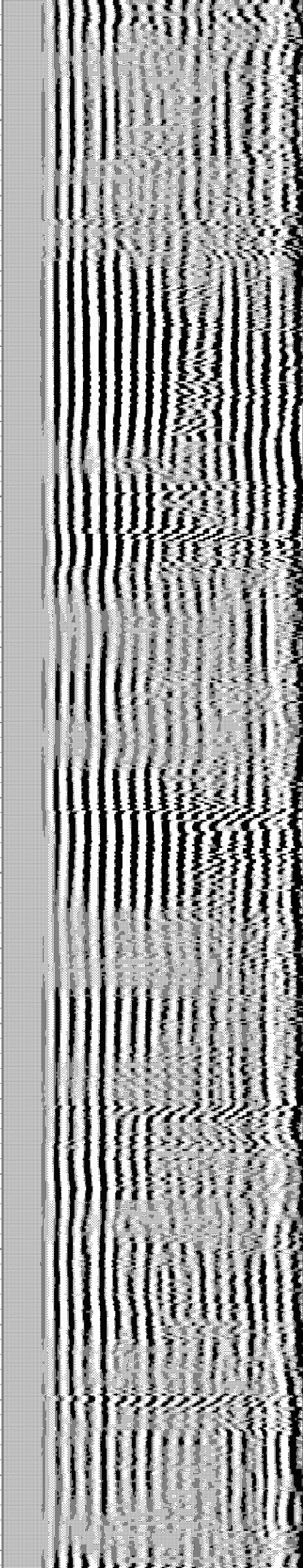
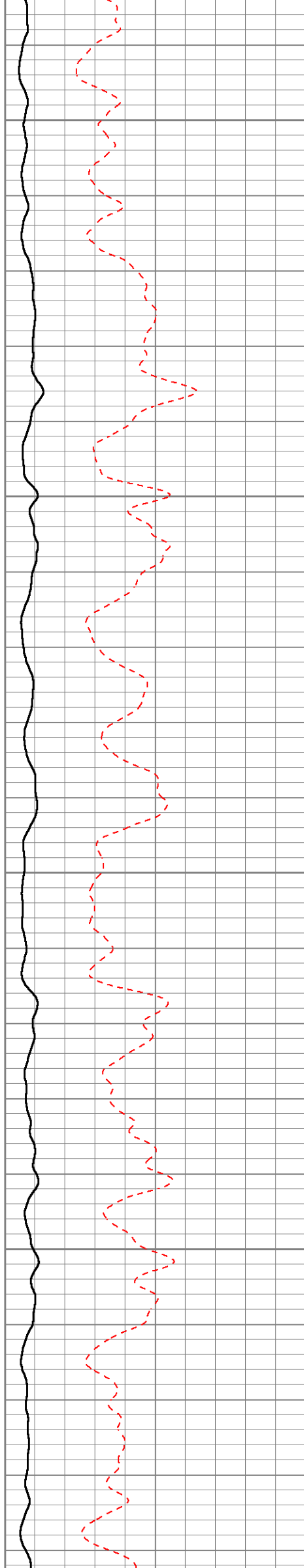


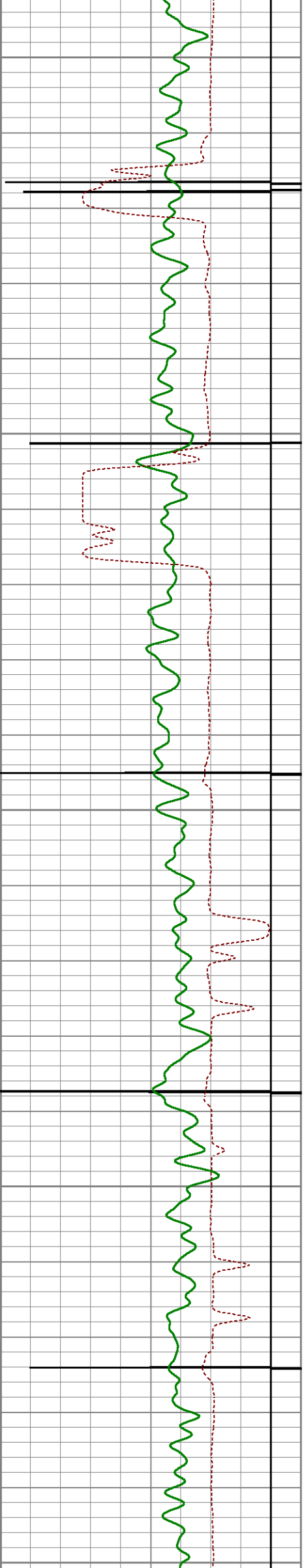
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6300

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6400





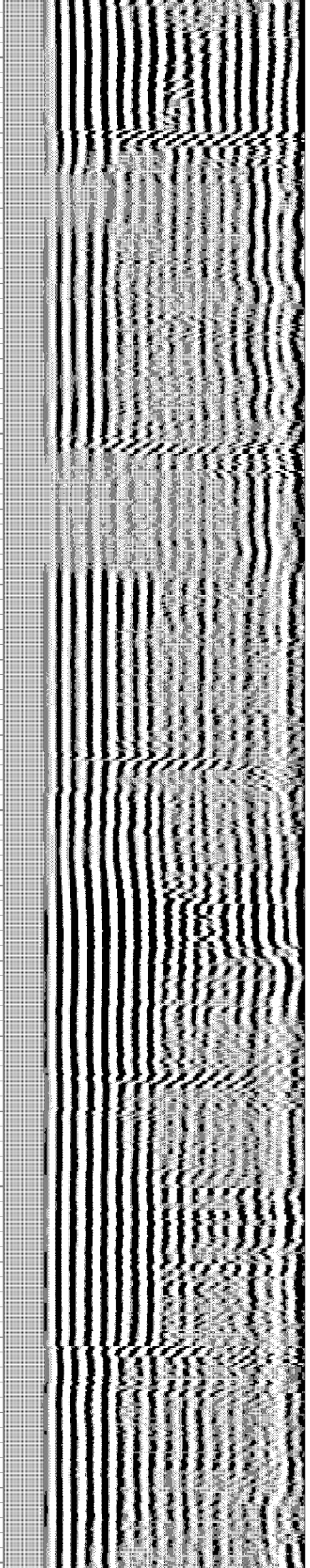
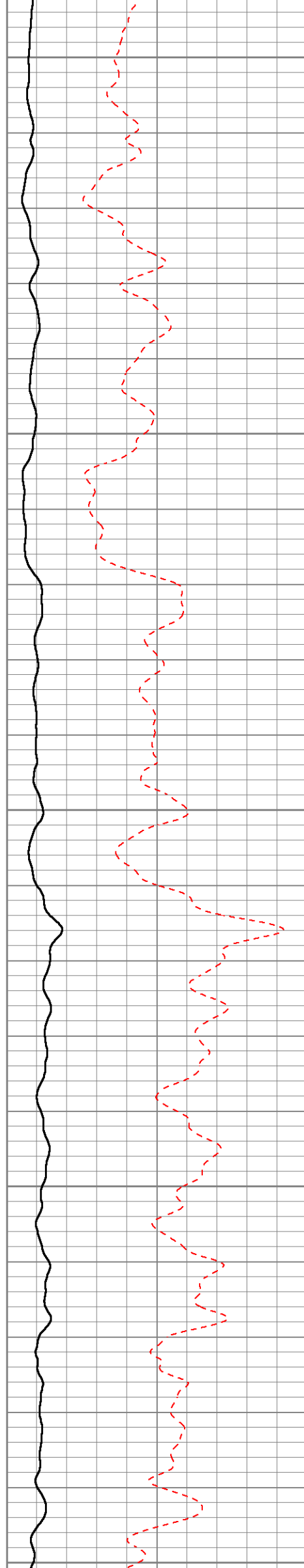
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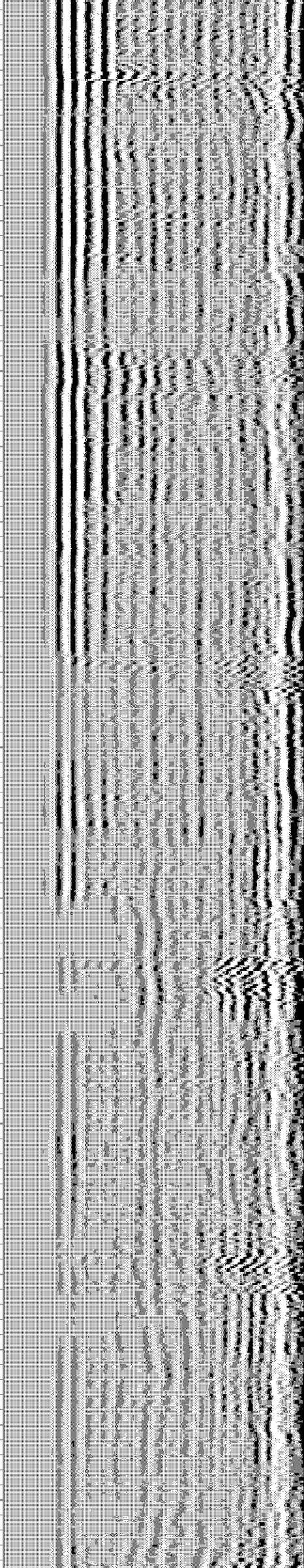
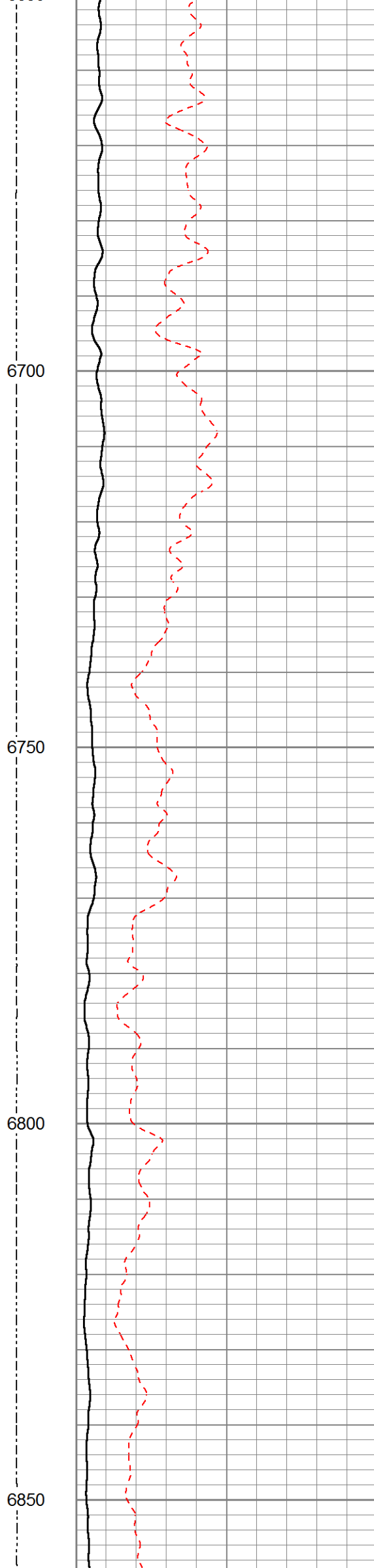
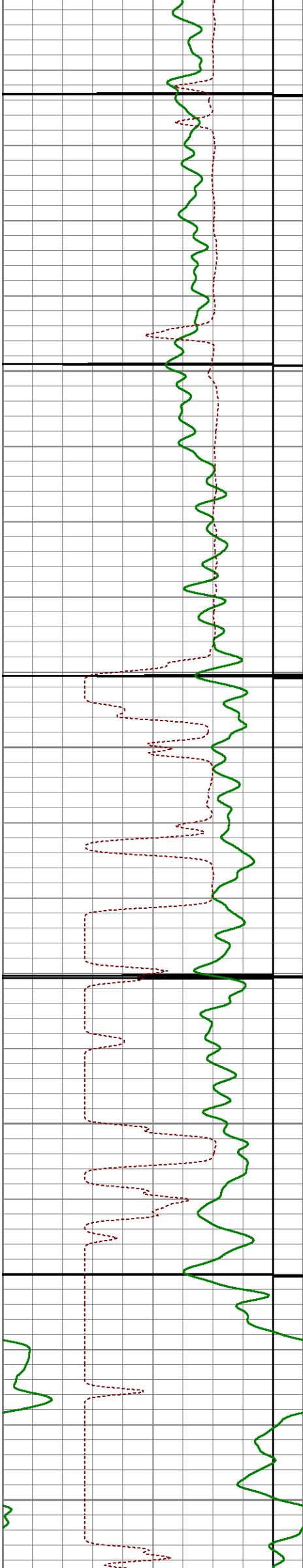
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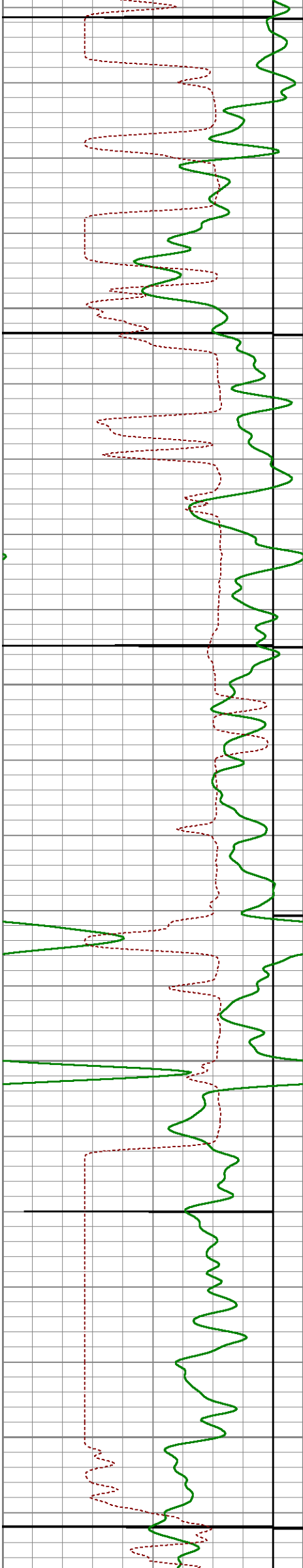
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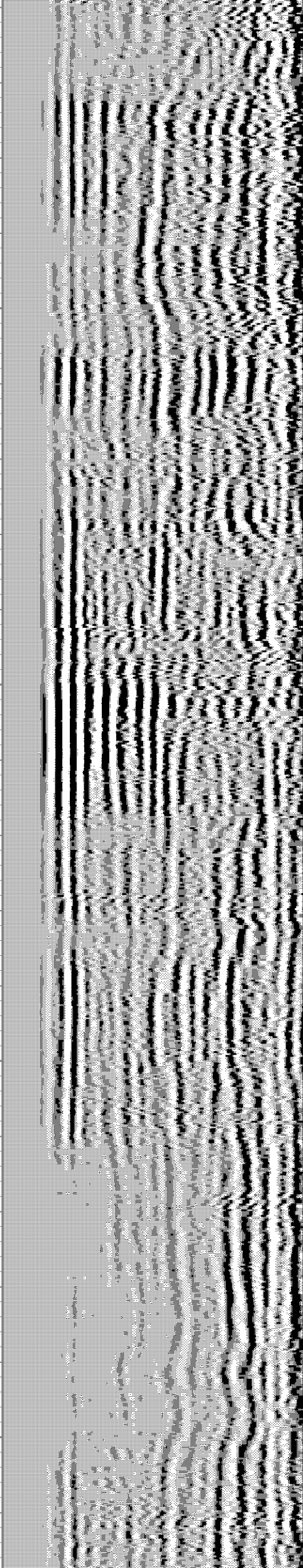
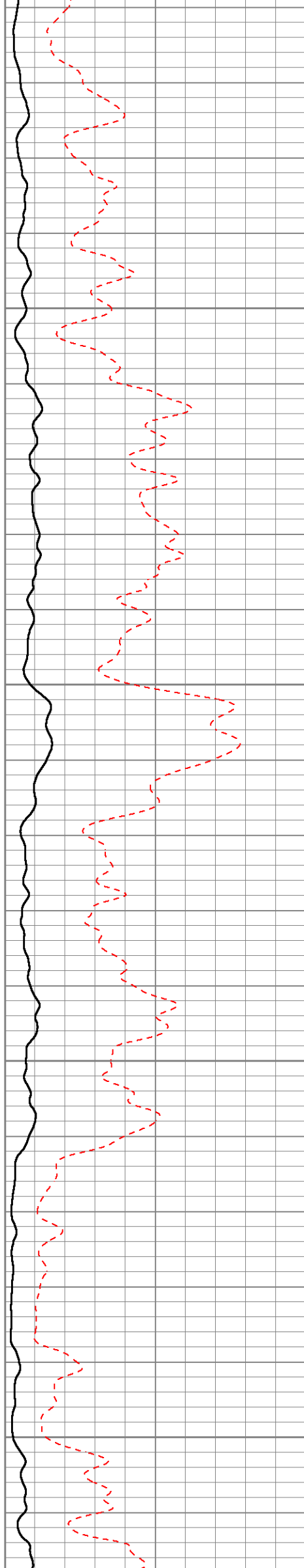


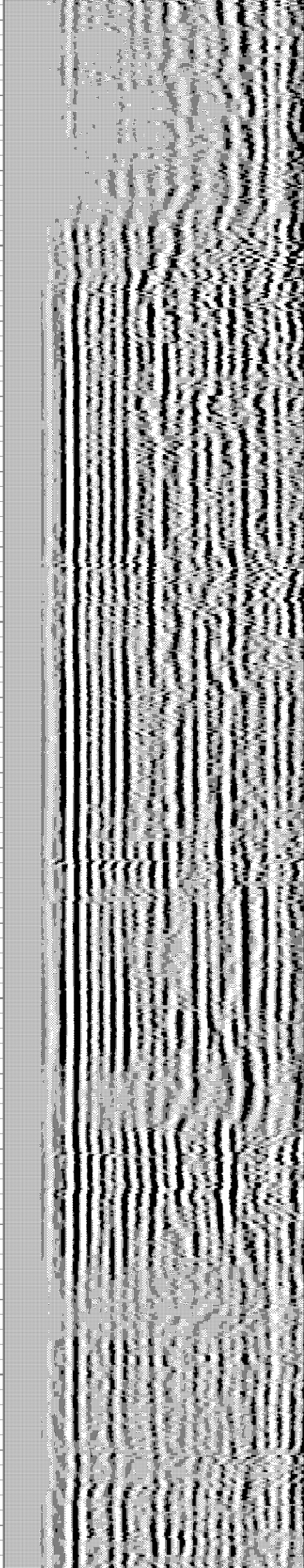
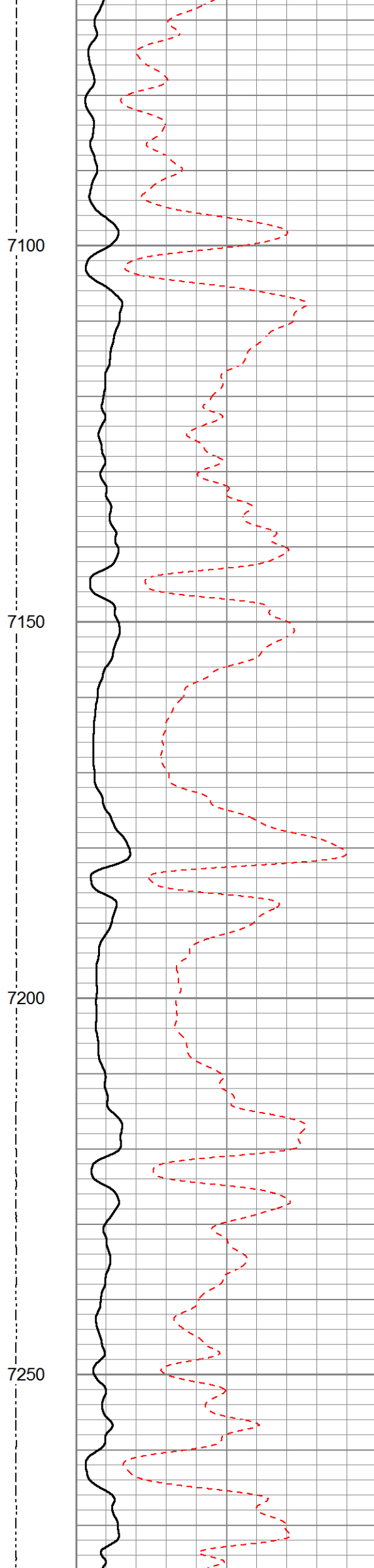
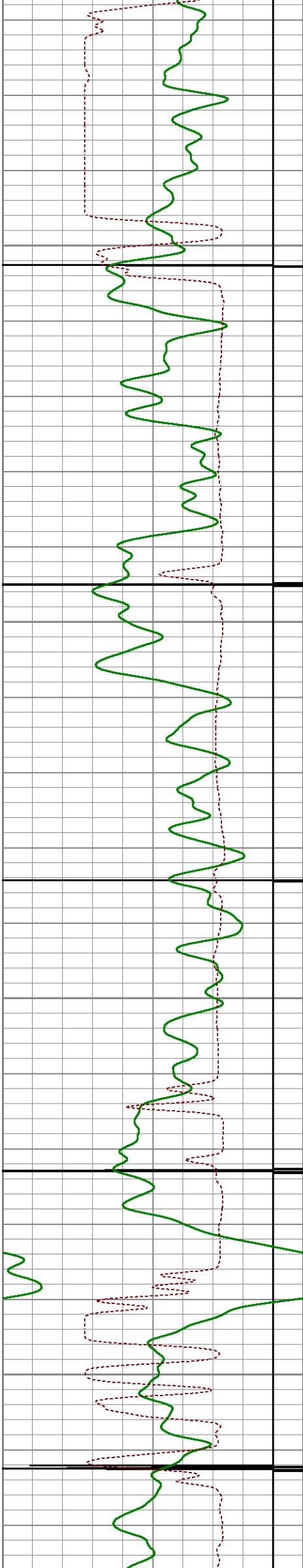
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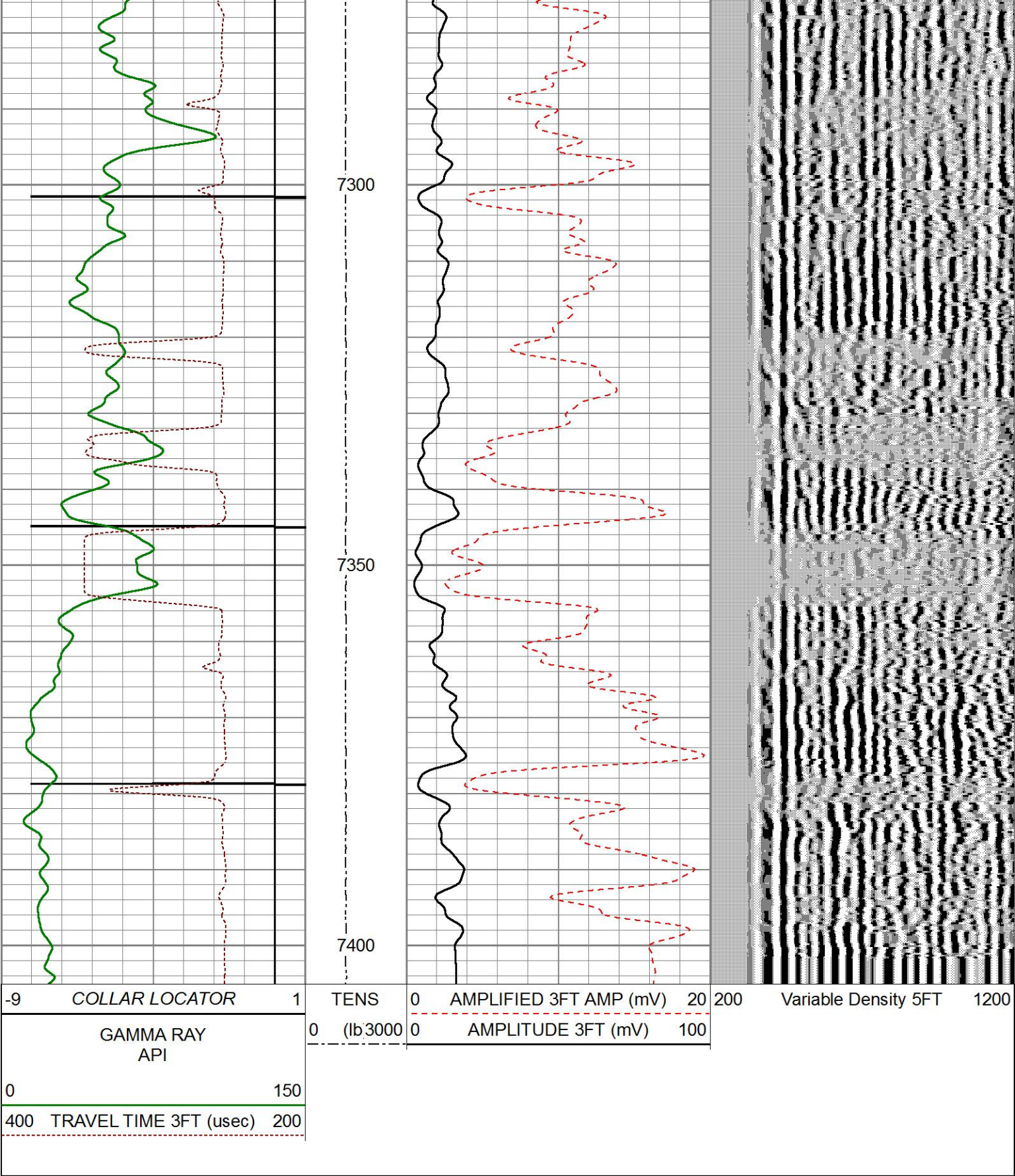
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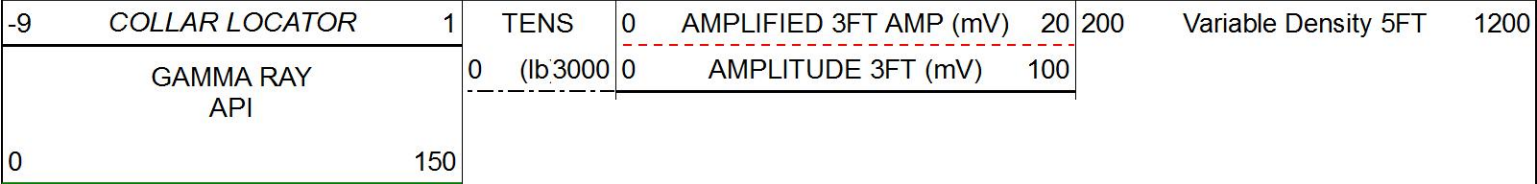


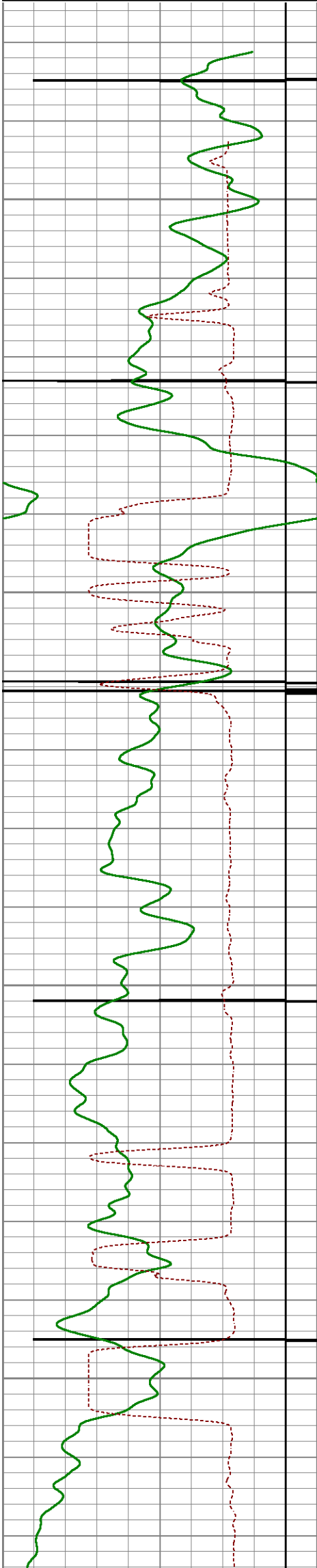
Weatherford®

REPEAT PASS

CEMENT BOND LOG

Database File c:\users\sysadmin\desktop\wind 9\extraction_oil&gas_wind9_124089500_cbl.db
Dataset Pathname pass6
Presentation Format gc3ft5ft
Dataset Creation Tue Jul 14 15:22:14 2015
Charted by Depth in Feet scaled 1:200



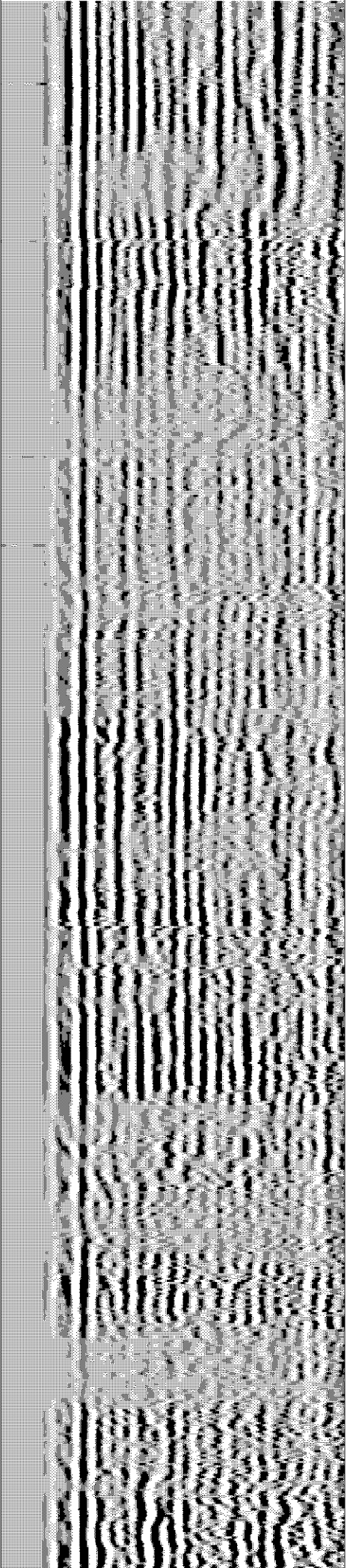
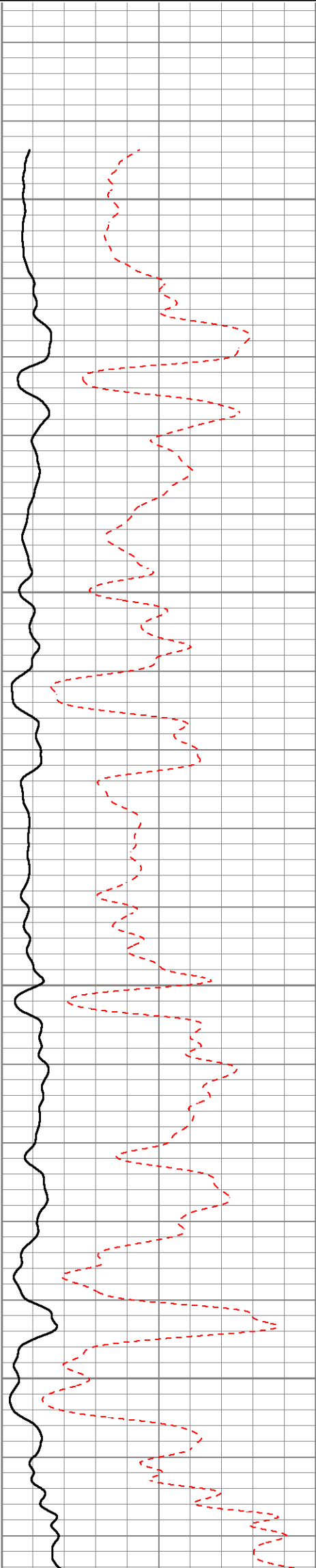


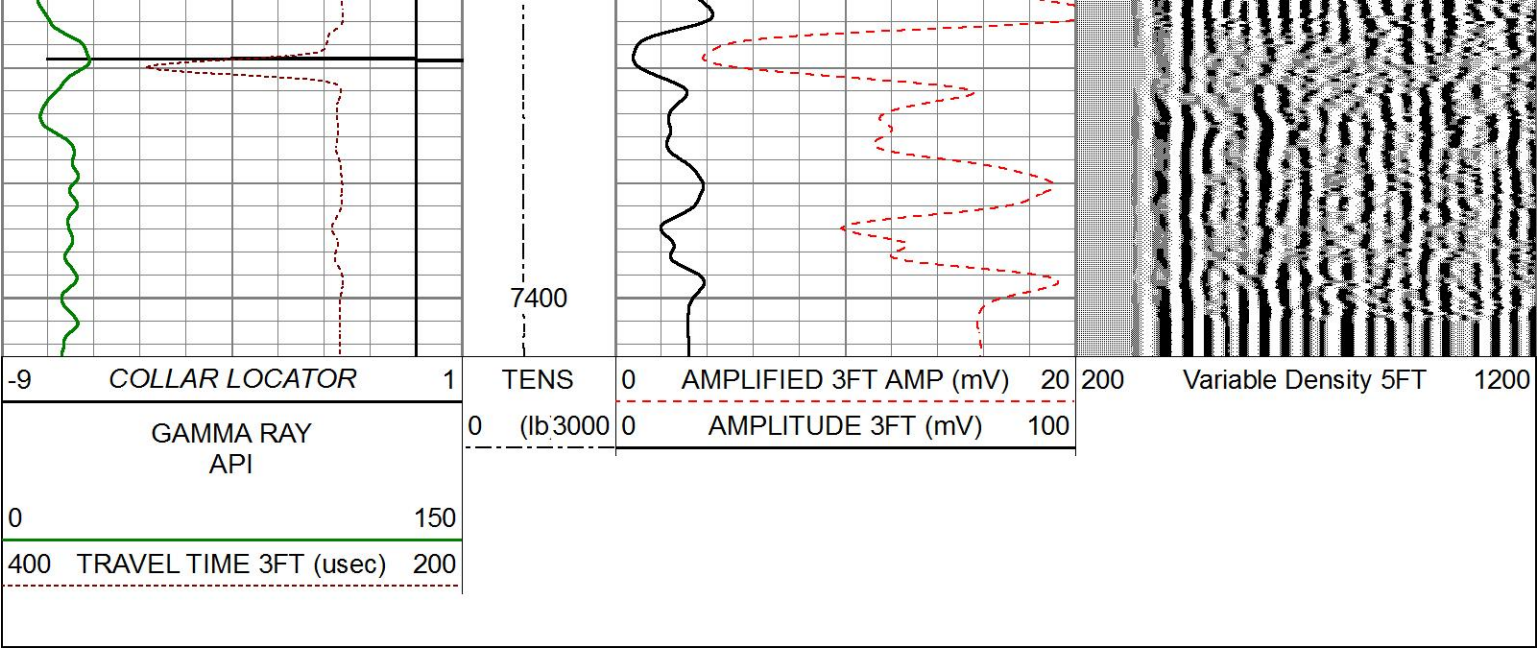
7200

7250

7300

7350





Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
CCL	23.39		CHD-Weatherford	1.03	1.44	
			CCLL-CTBA2.7H (CTBA2_7H) 2.75CCL/TELEMETRY COMPUTALOG LOGGING CCL	3.40	2.75	40.00
GR	19.78		GR-GRBA2.7H (GRBA2_7H) 2 3/4" 350F/20K PSI COMPUTALOG SIX PIN GAMMA RAY	4.76	2.75	40.00
			CENT-2.75CCent 2 3/4" computalog cent	3.08	2.75	11.90
WVFS8	7.65		SCBT-SCBT2.7H (SCBT2_7H-XXXX) 2 3/4" 350F/20K PSI COMPUTALOG SECTOR BOND TOOL	10.29	2.75	90.00
WVFS7	7.65					
WVFS6	7.65					
WVFS5	7.65					

WVFS4	7.65				
WVFS3	7.65				
WVFS2	7.65				
WVFS1	7.65				
WVF3FT	7.16				
WVF5FT	6.18				
WVFSYNC	2.67				
WVFCAL	2.67				
Dataset:		extraction_oil&gas_wind9_124089500_cbl.db: field/well/run1/pass8			
Total length:		25.22 ft			
Total weight:		195.80 lb			
O.D.:		2.75 in			