


<div></div> <div>PHOENIX TECHNOLOGY SERVICES</div> <div>MD 1:600 Feet</div>		MWD Gamma / ROP (2")	
Client: Extraction			
Well Name: Mickey 9			
API/UWID: 05-123-43846			
County: Weld		Field: Wattenberg	
Permit #: 1			
State: Colorado		Country: USA	
Longitude: 104° 54' 52.679 W Latitude: 40° 30' 59.01 N		Personnel	
Rig Name: Patterson 346 Job Number: 60558 Ground Level: 4880.00 ft Kelly Bushing: 4905.00 ft Permanent Datum: Mean Sea Level Drilling Measured From: Kelly Bushing Spud Date: - Bottom Hole Temp: 267.1 °F Log Start Depth: 4500.00 ft Log End Depth: 17320.00 ft		Company Representative Todd Stephens Geologist ESA Directional Driller(s) Chris Apodaca Scott Sanford MWD Operator(s) Brian Murphy Kevin Hursh	
Comments: -		Main Leg	
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Operational Run Summary

60558

	Run 1					
Run Start Depth (ft)	0.00					
Run End Depth (ft)	17313.12					
Run Start Date	1/19/2017					
Run Start Time	9:06 PM					
Run End Date	1/22/2017					
Run End Time	3:20 AM					

Tool Information Summary

60558

	Run 1					
Gamma Probe Serial No	EGNF-0171					
Probe Cal Ratio	1					
Gamma Scale Factor	2.875					
Tool Carrier ID (in)	4.490					
Tool Carrier OD (in)	6.500					
Survey-to-Bit (PTB) (ft)	64.30					
Gamma-to-Bit (GTB) (ft)	63.11					
Annular Pressure-to-Bit (APTb) (ft)	0.00					

Borehole Fluids and Measurements Summary

60558

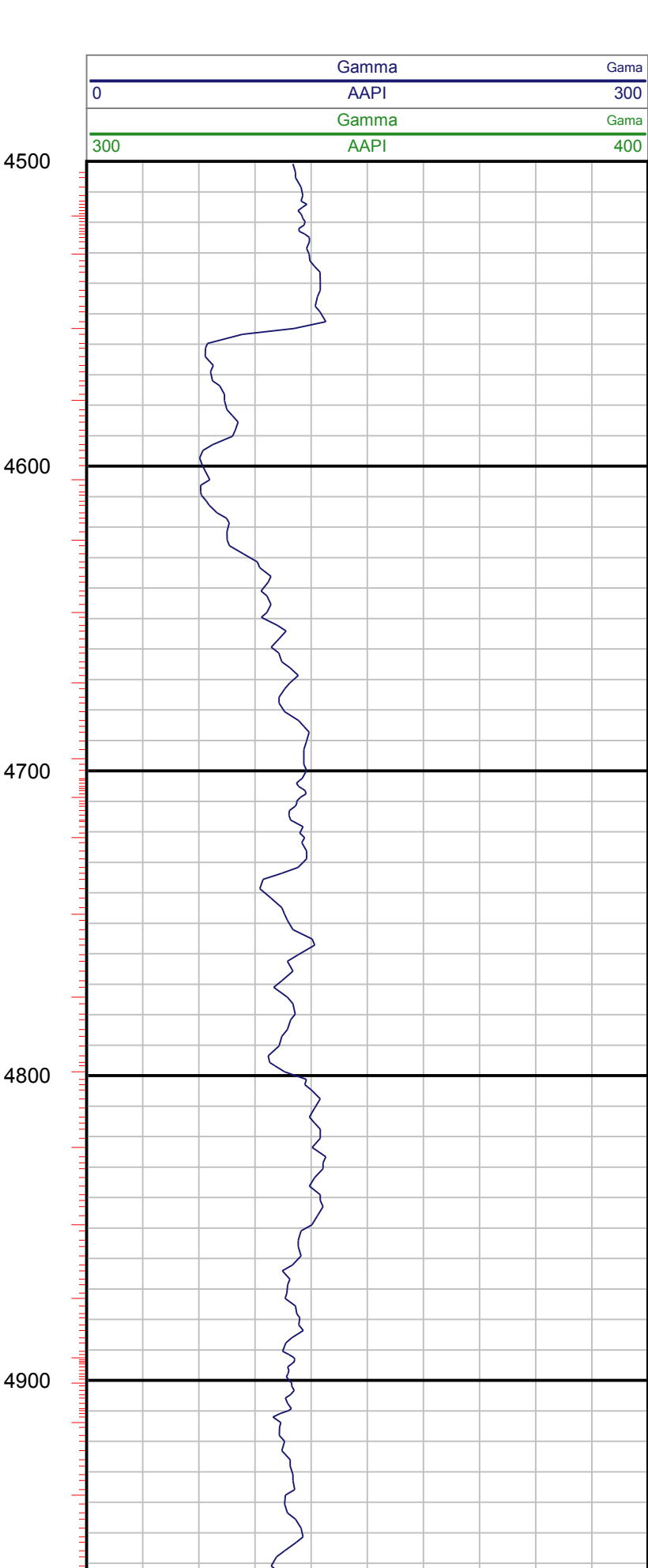
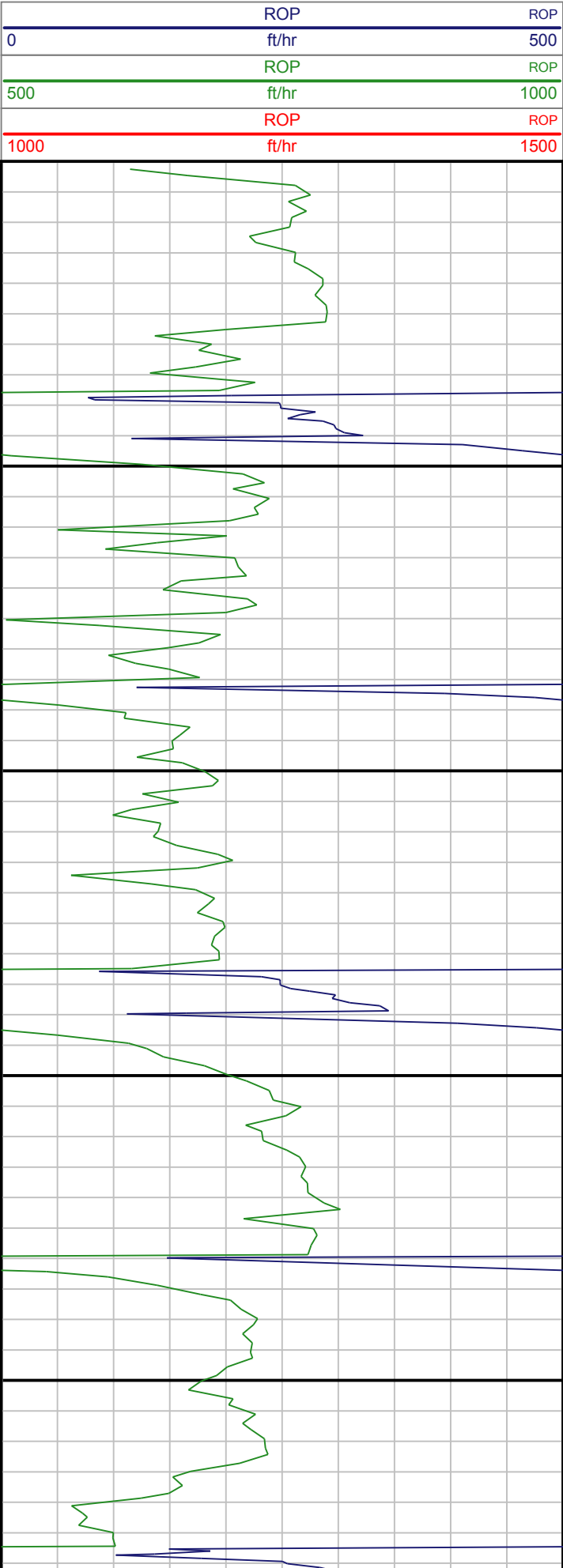
	Run 1					
Hole Size (in)	7.88					
Casing Start Depth (ft)	0.00					
Casing End Depth (ft)	1550.00					
Casing ID Size (in)	2.625					

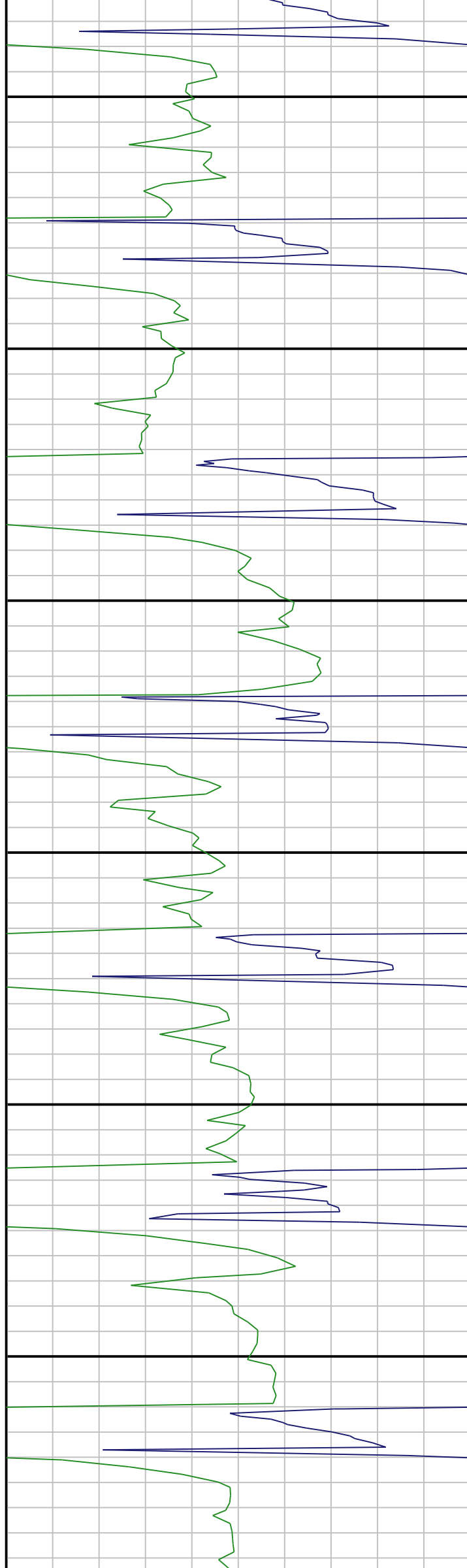
Casing Size (in)	9.625					
Mud Type	Oil-Based Mud (OBM)					
Mud Weight (lb/gal)	8.8					
Mud Viscosity (s)	39					
Weighting Agent	Barite					
Mud KCL Content (%)	0.000					

Log

1:600

Index Scale: 1:600 Index Unit: Feet Index Type: MD Creation Date: January 22, 2017 08:13





5000

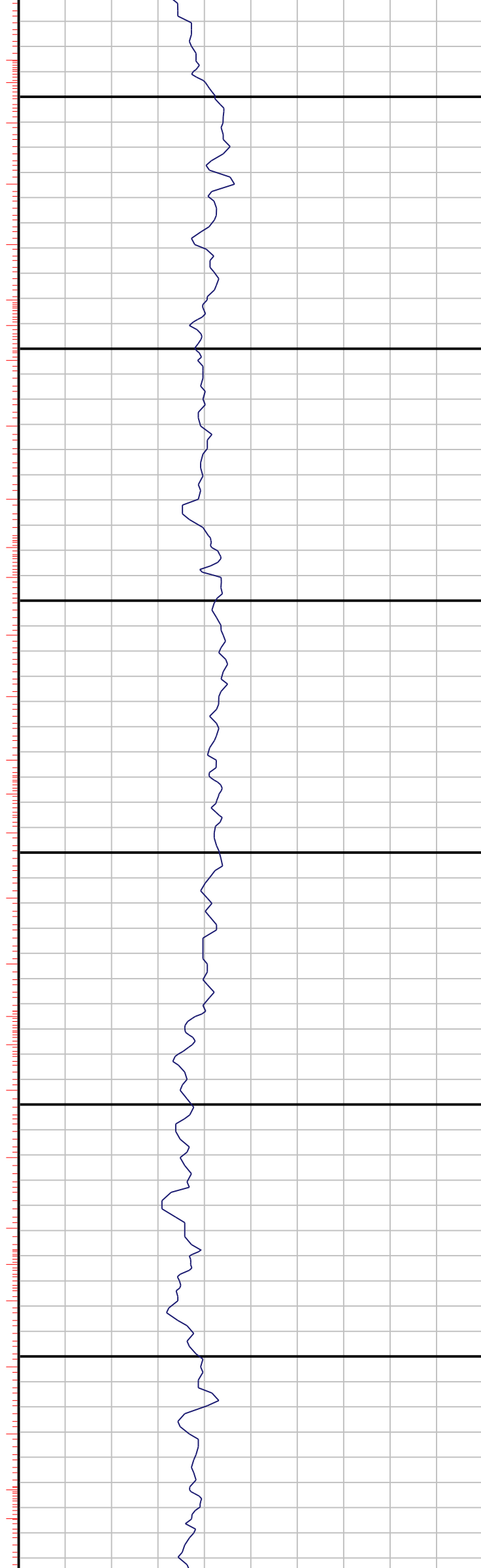
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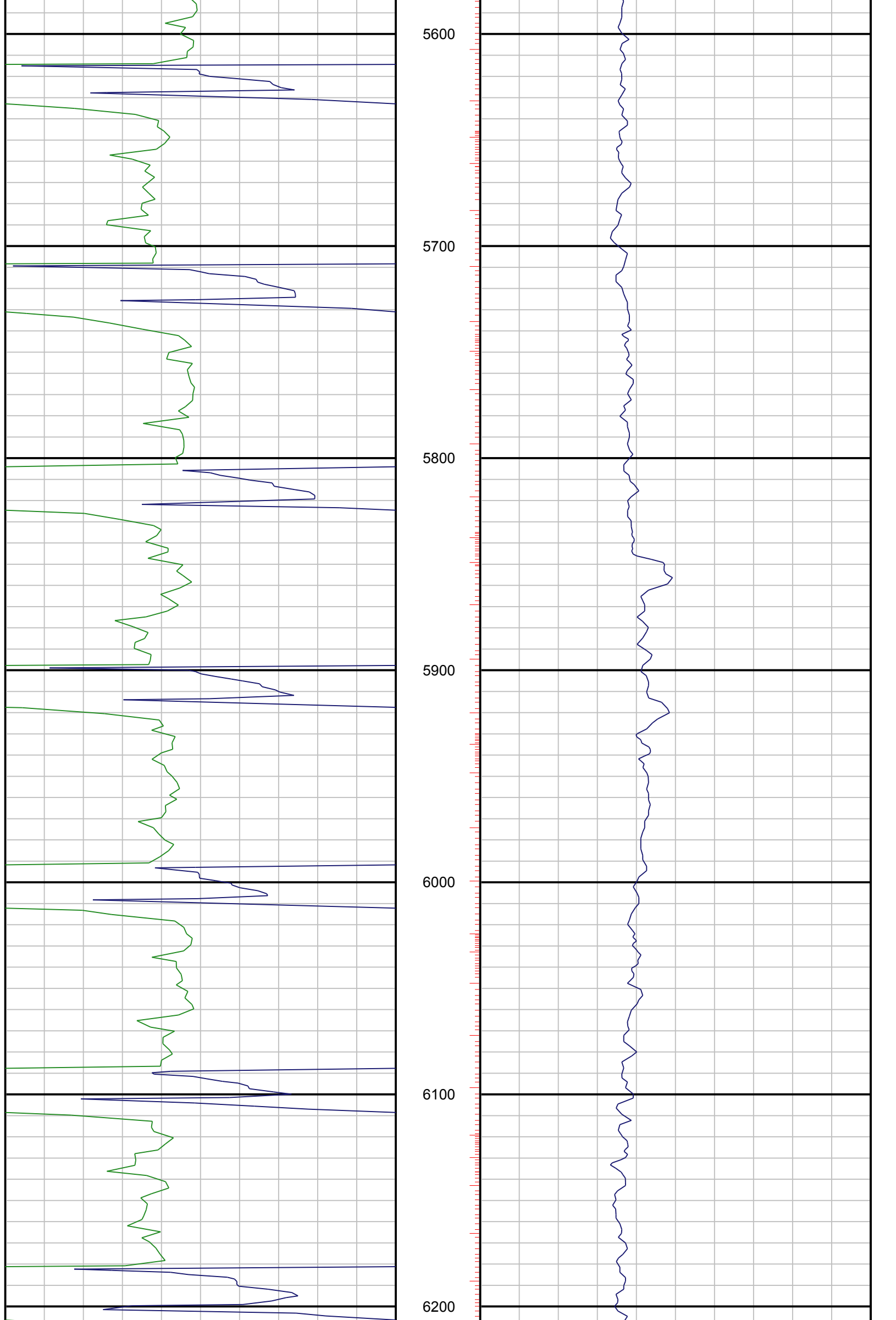
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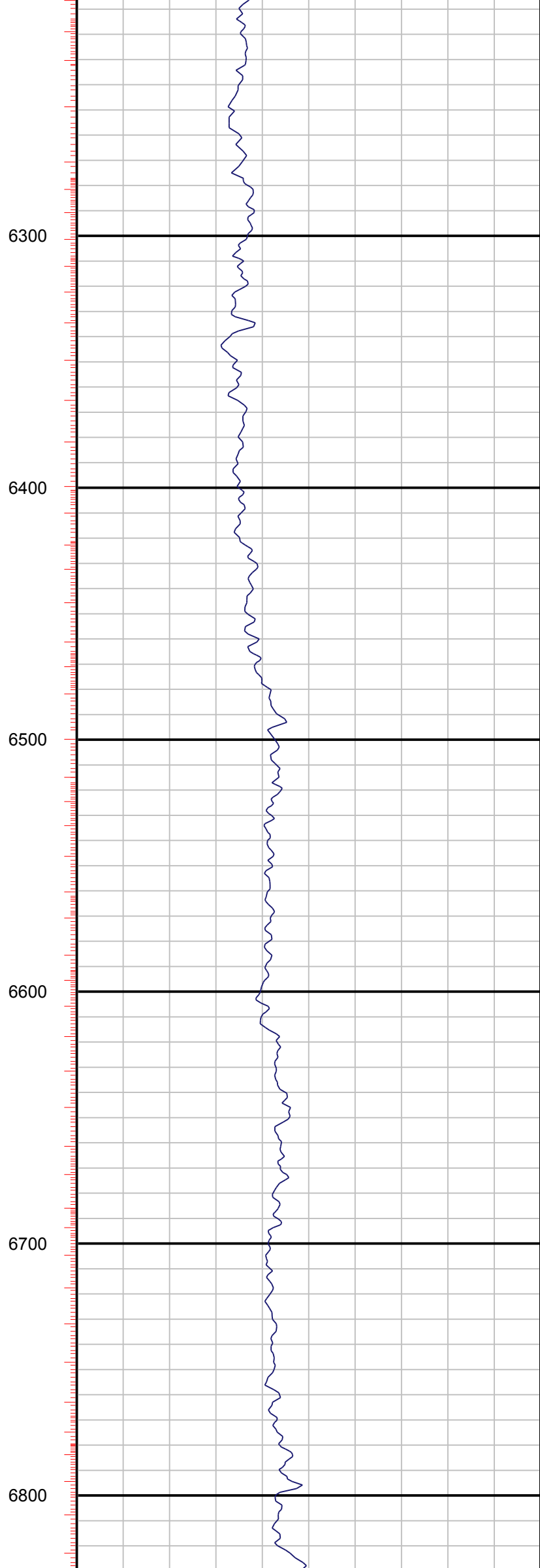
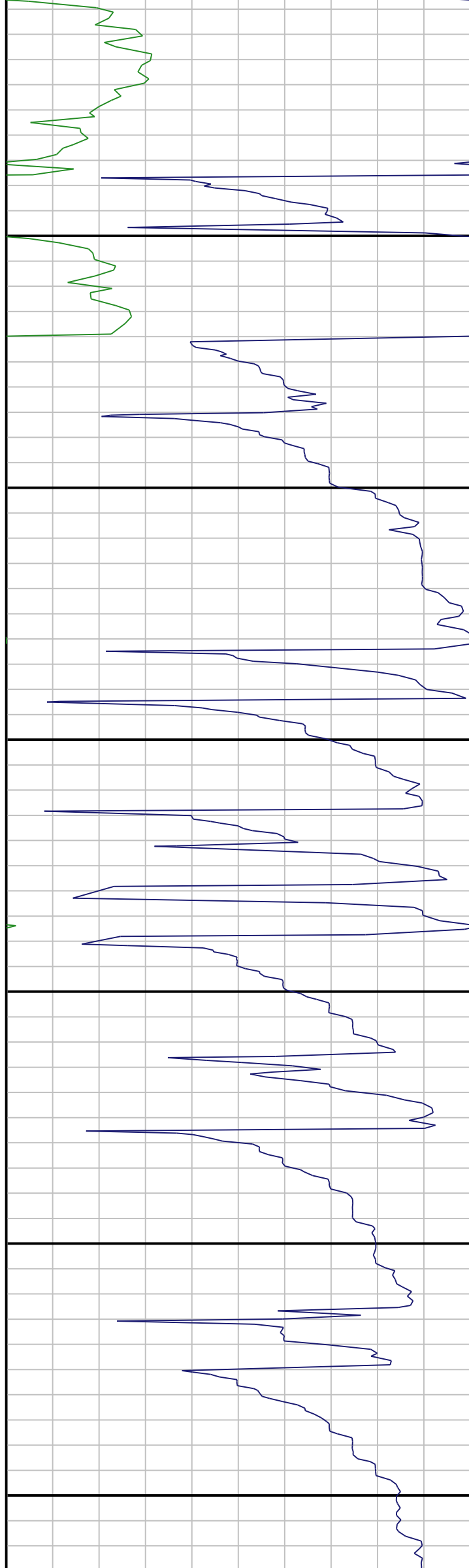
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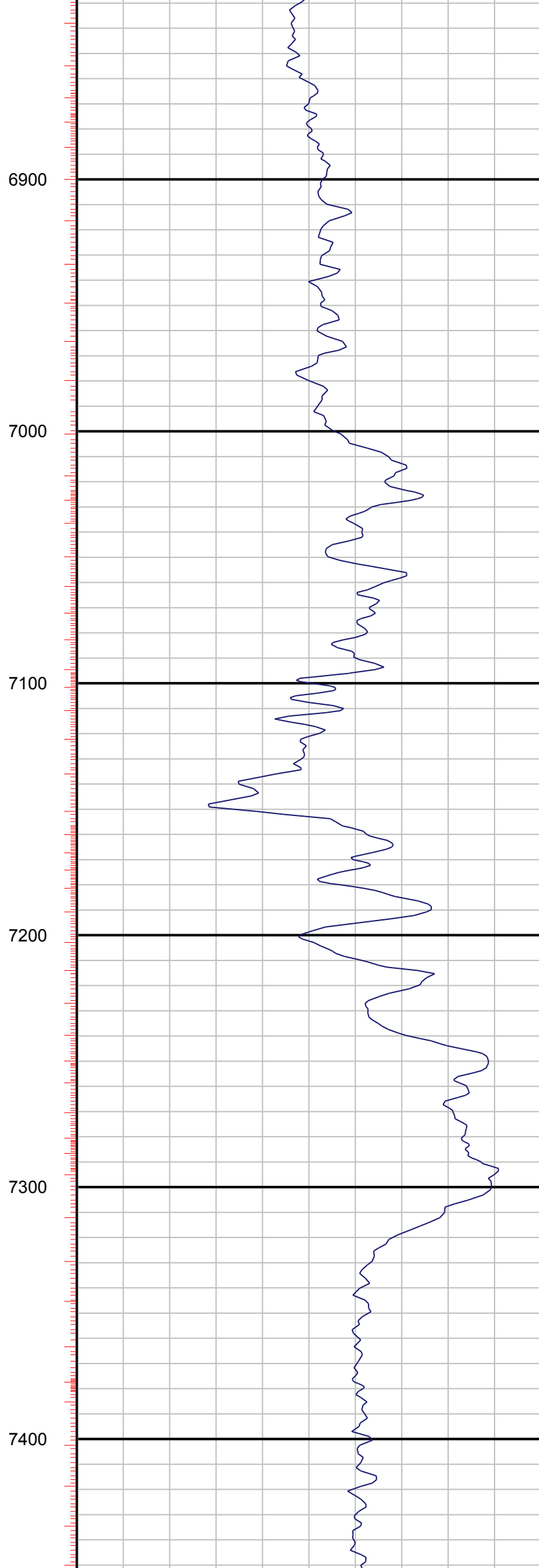
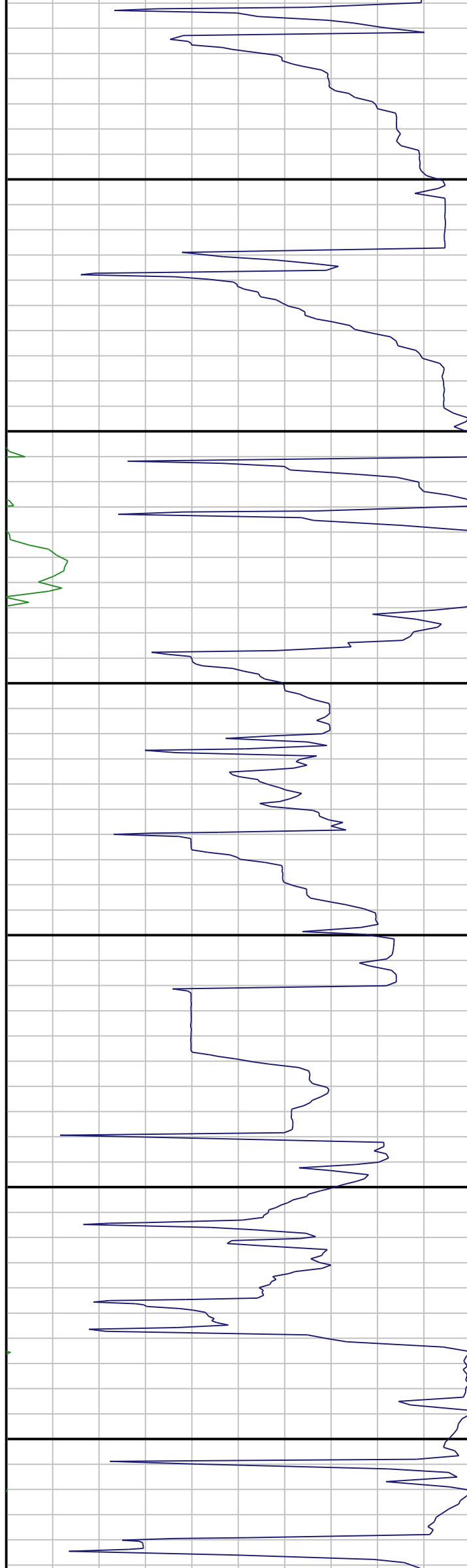
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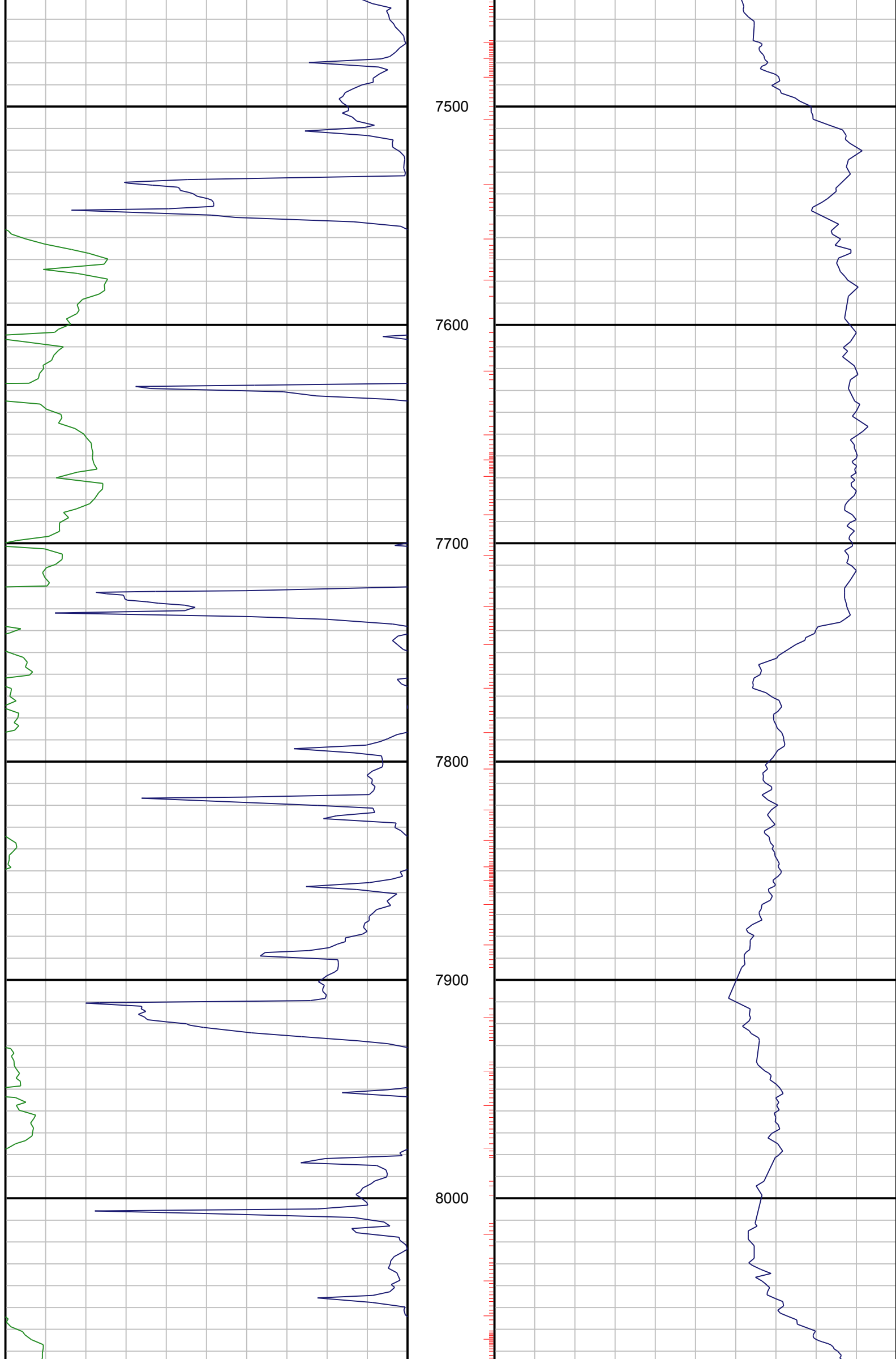
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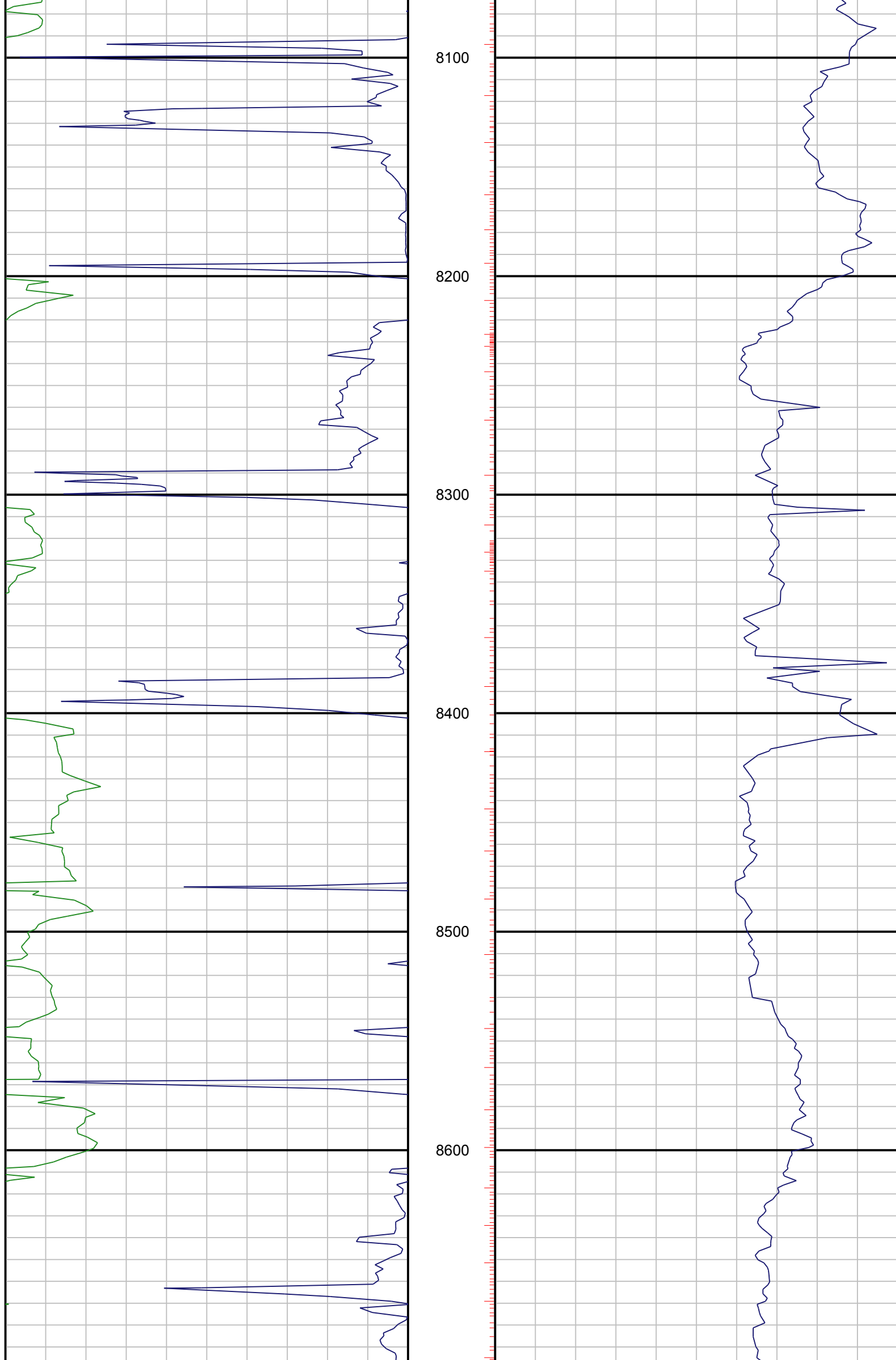


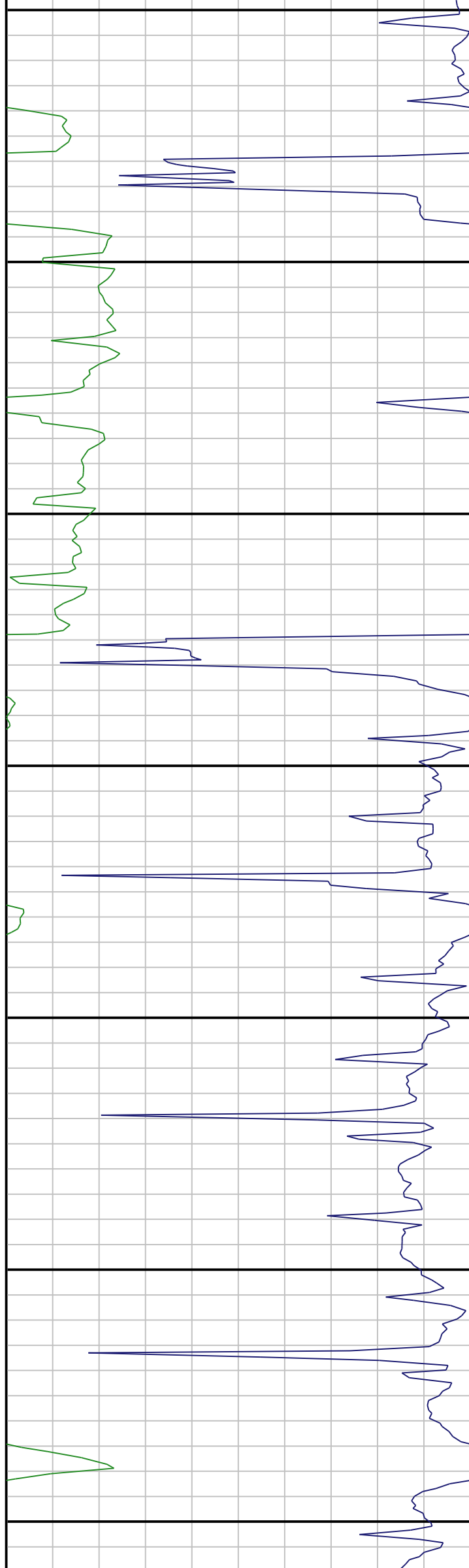












8700

8800

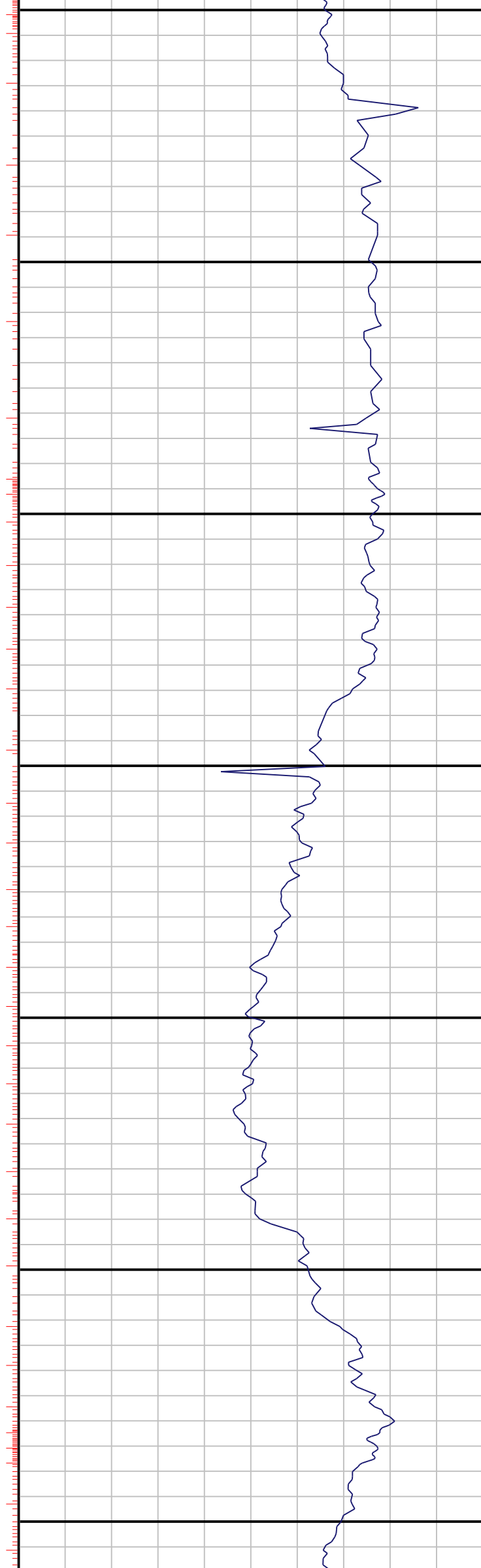
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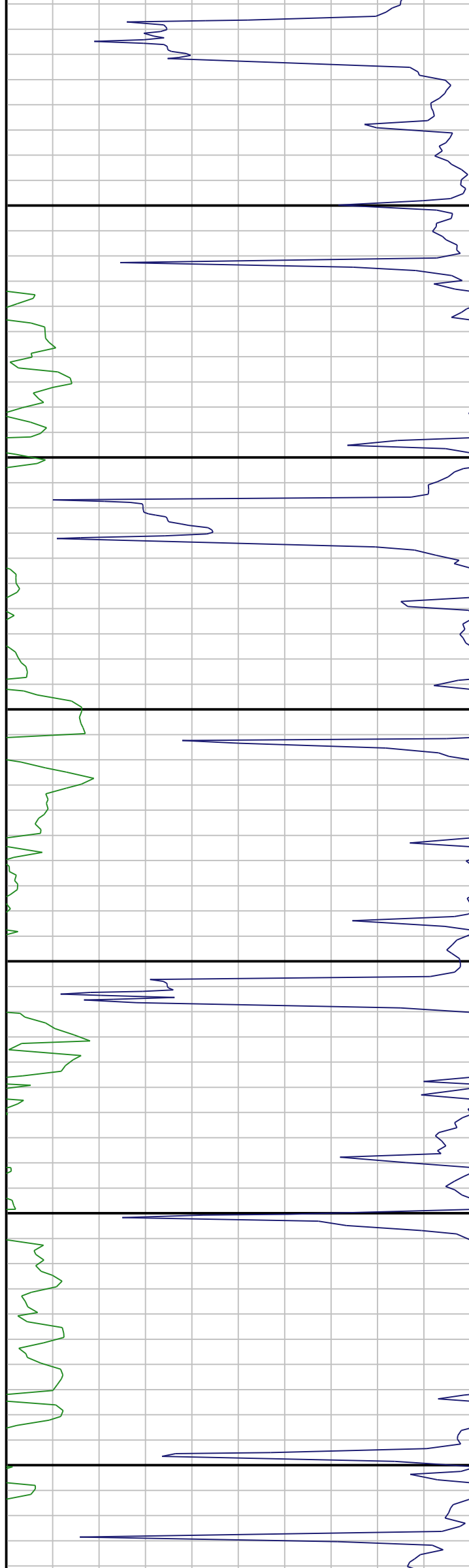
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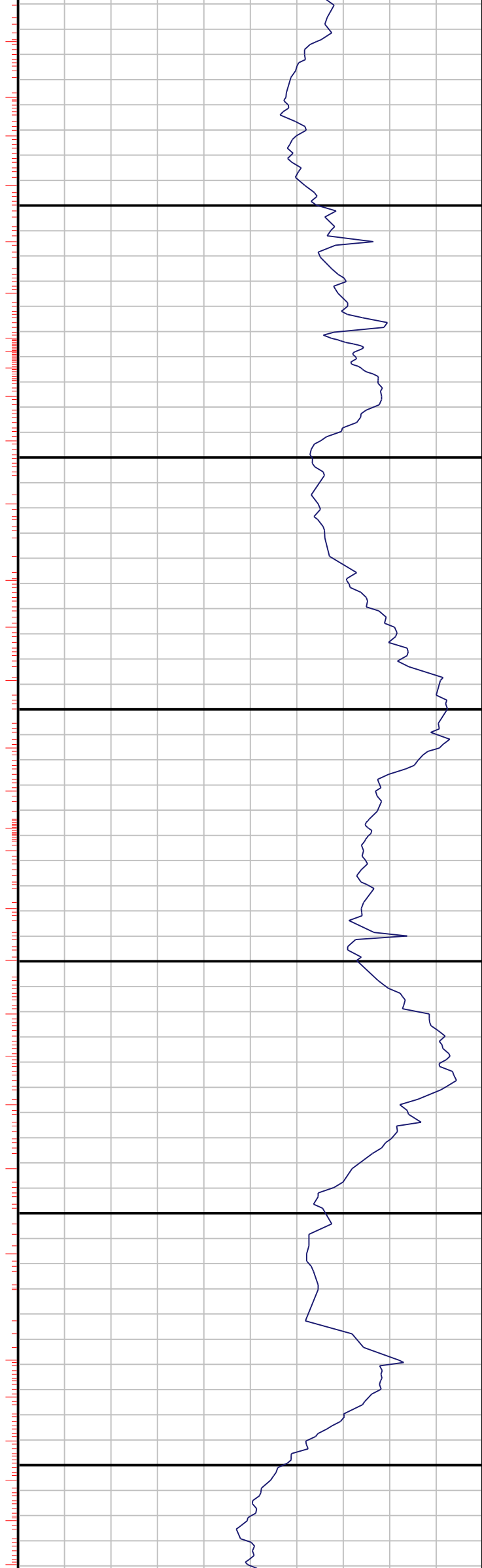
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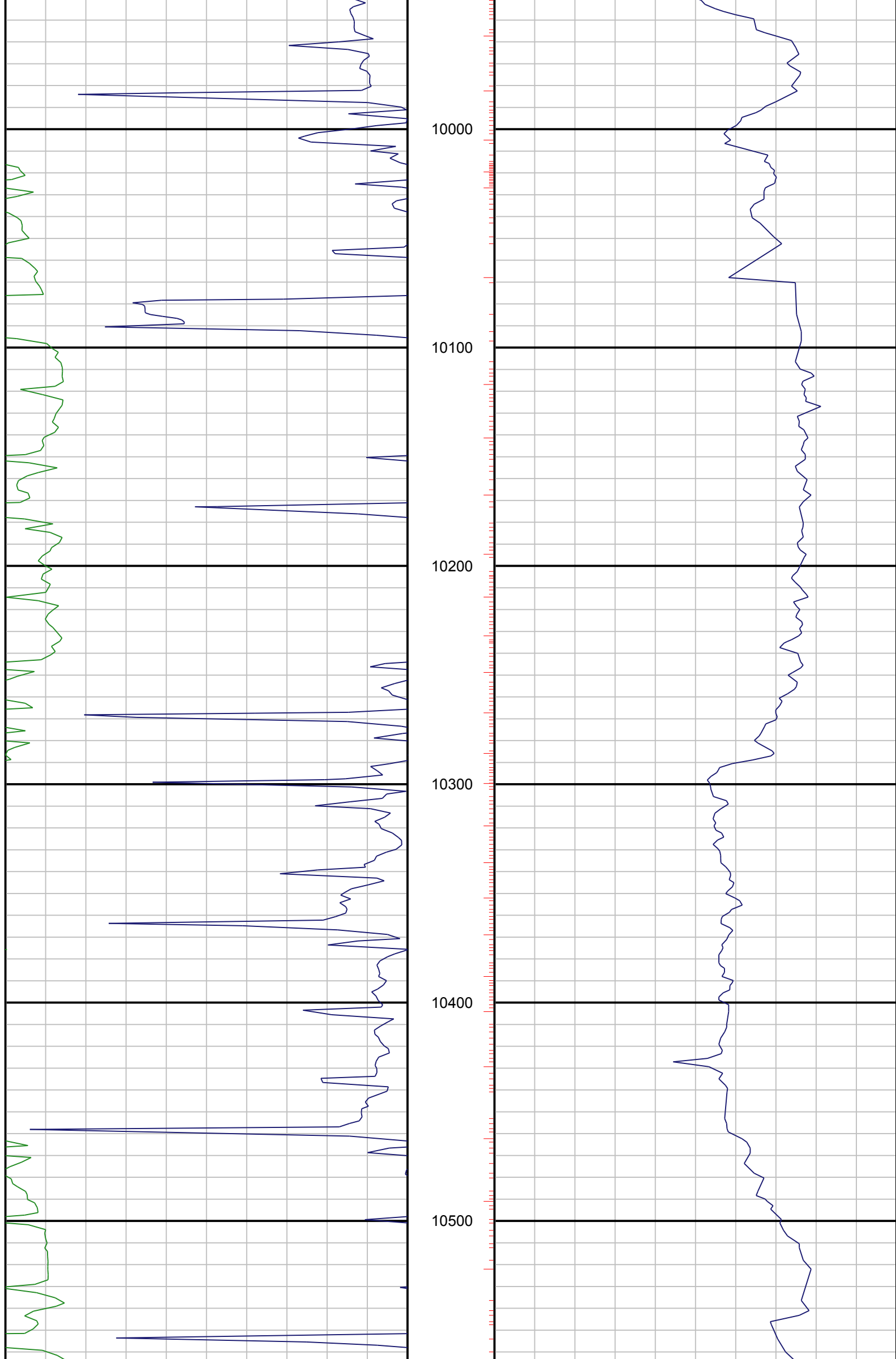
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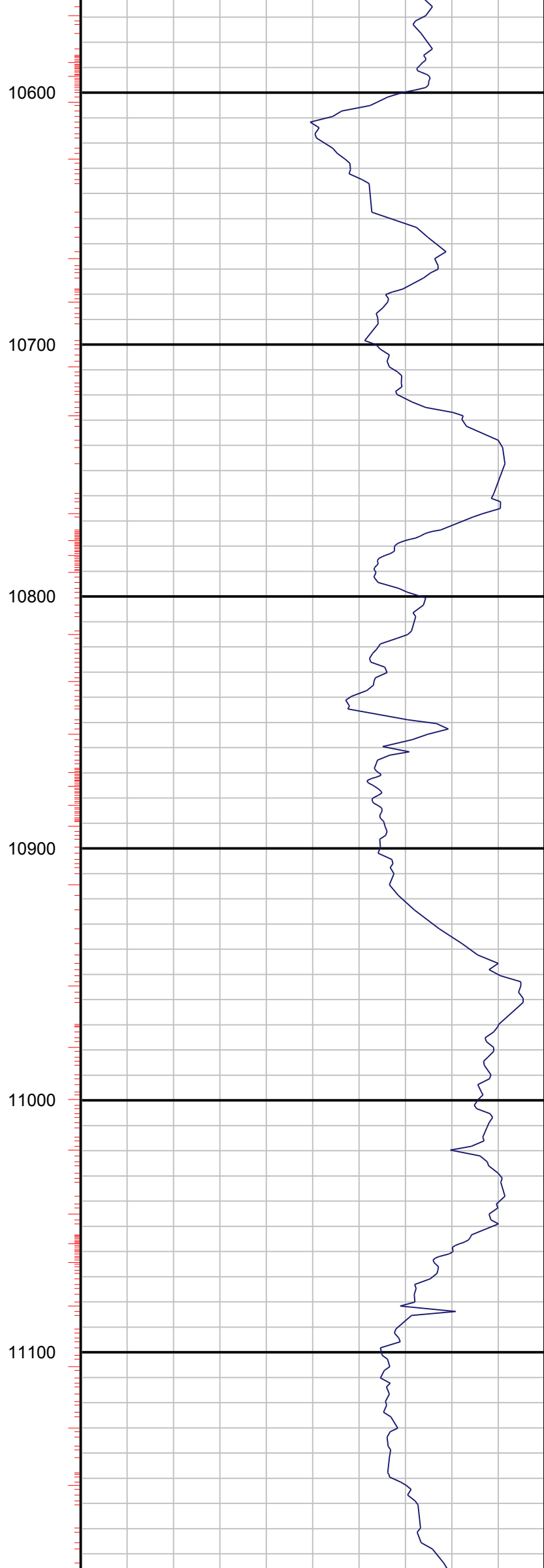
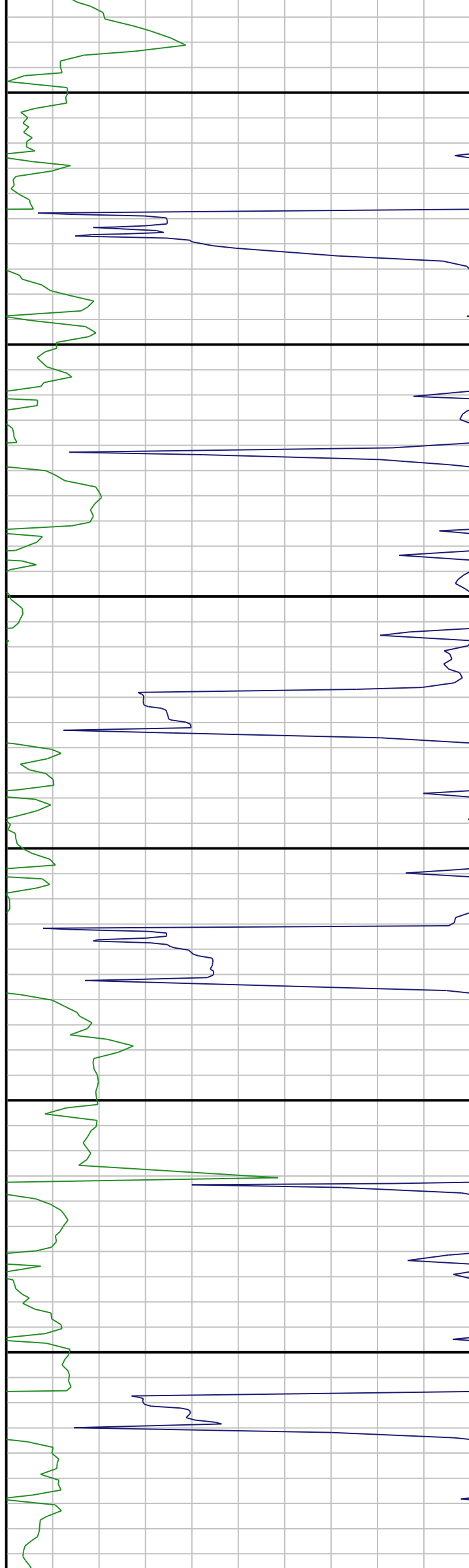
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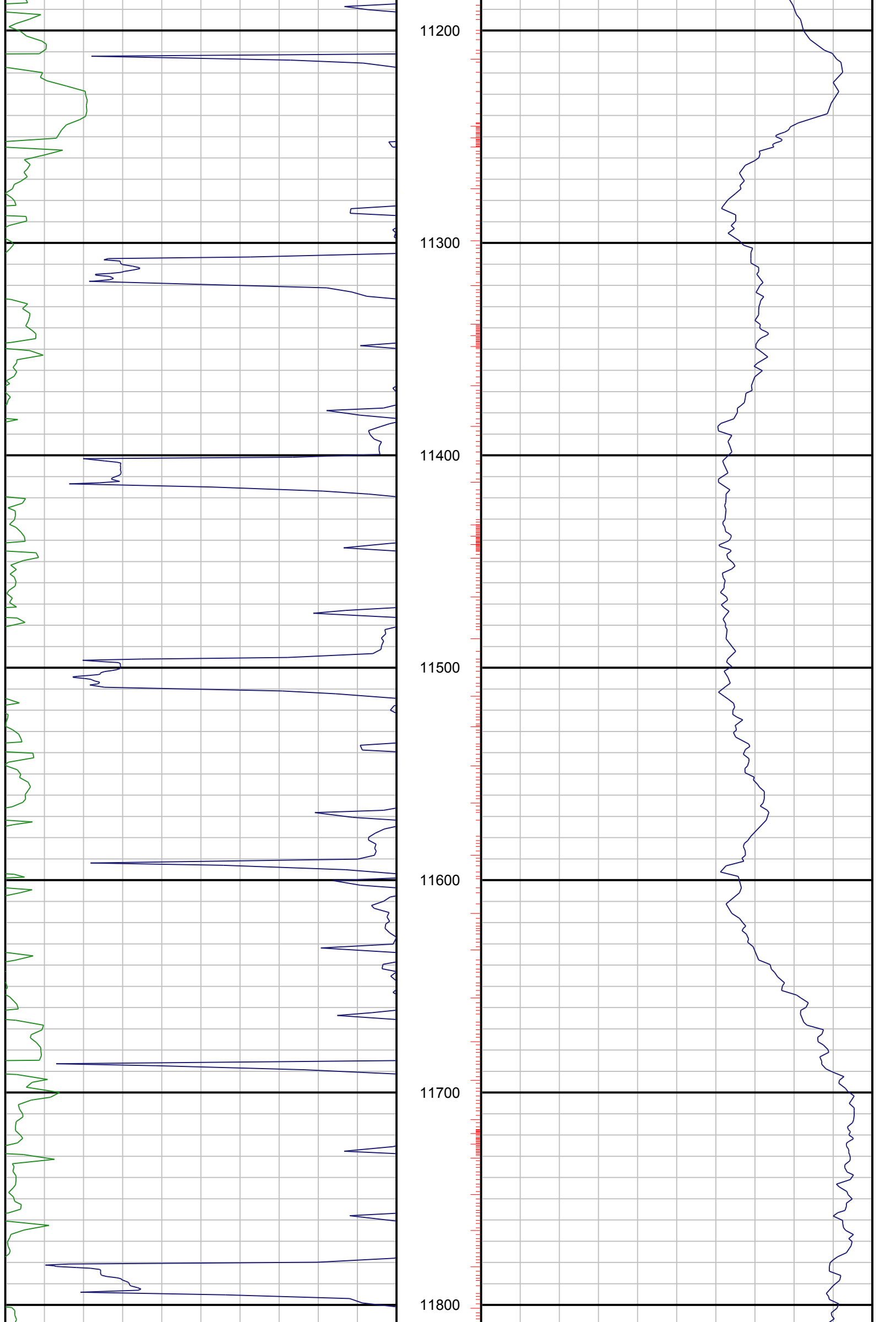
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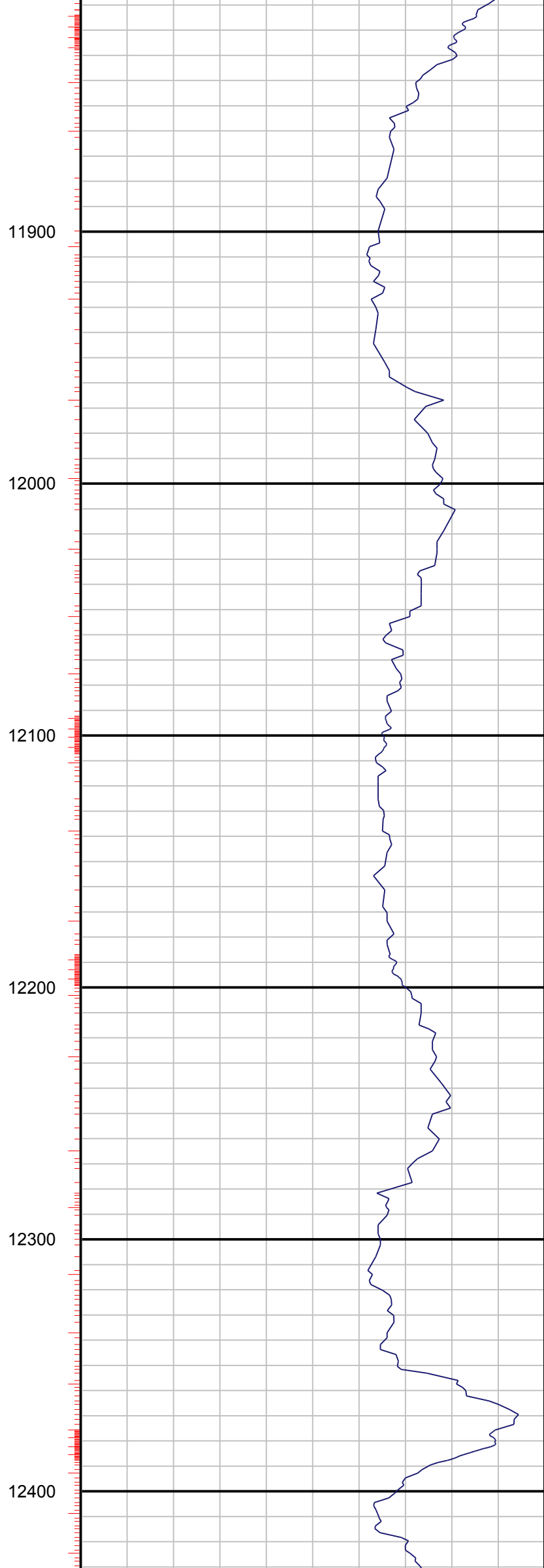
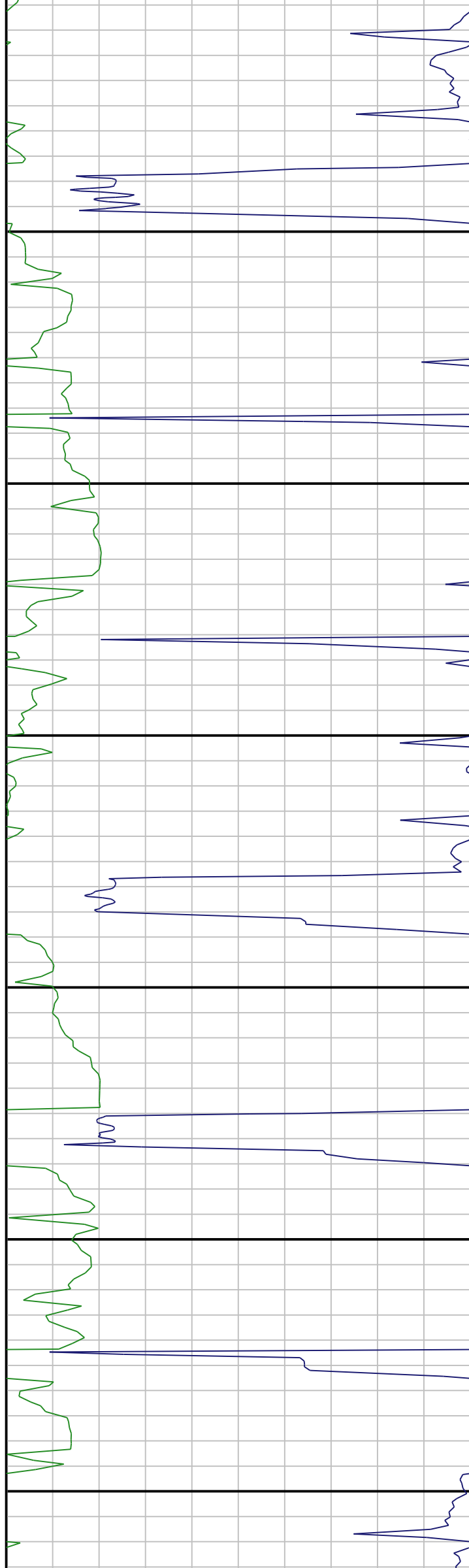
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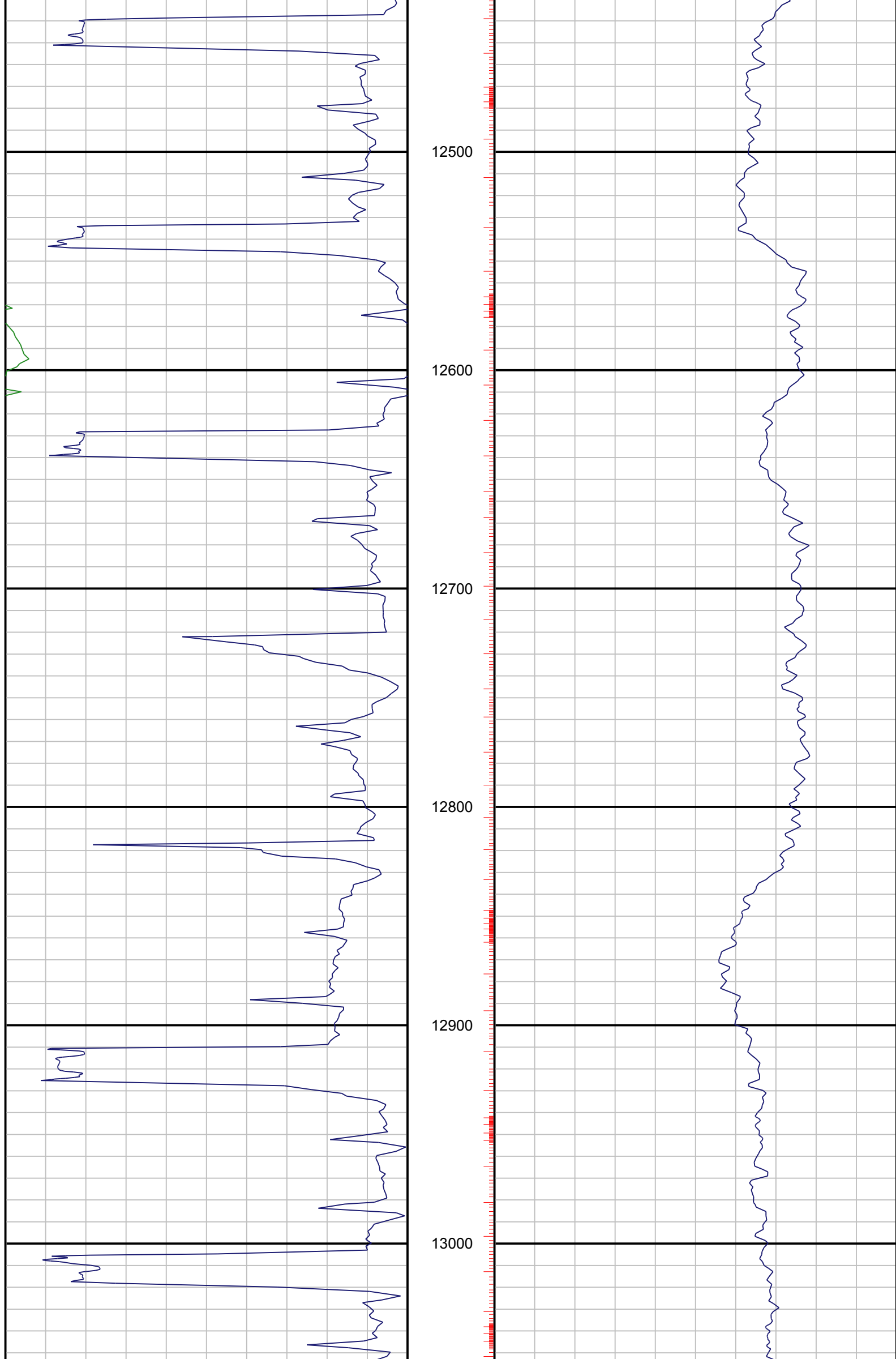


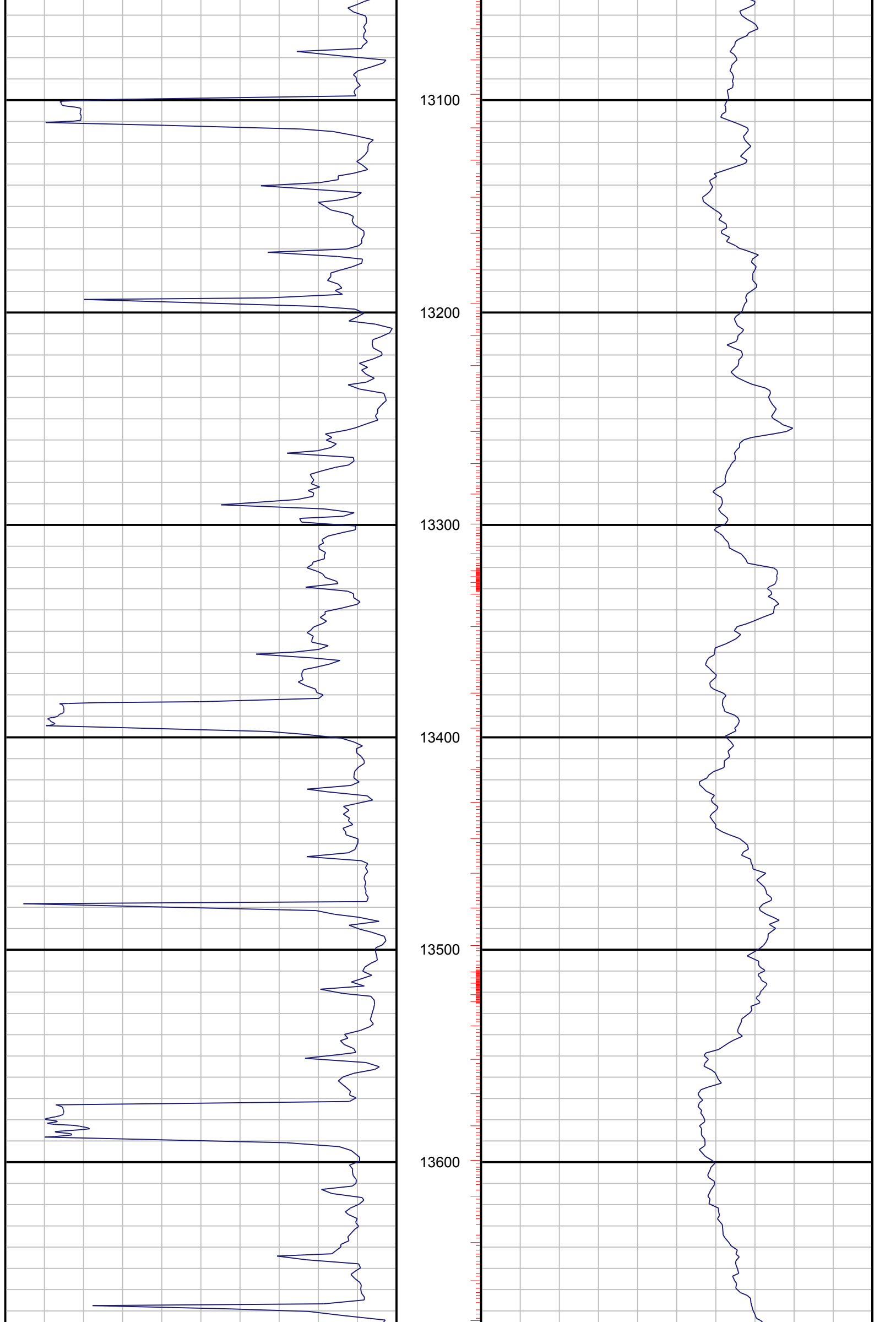


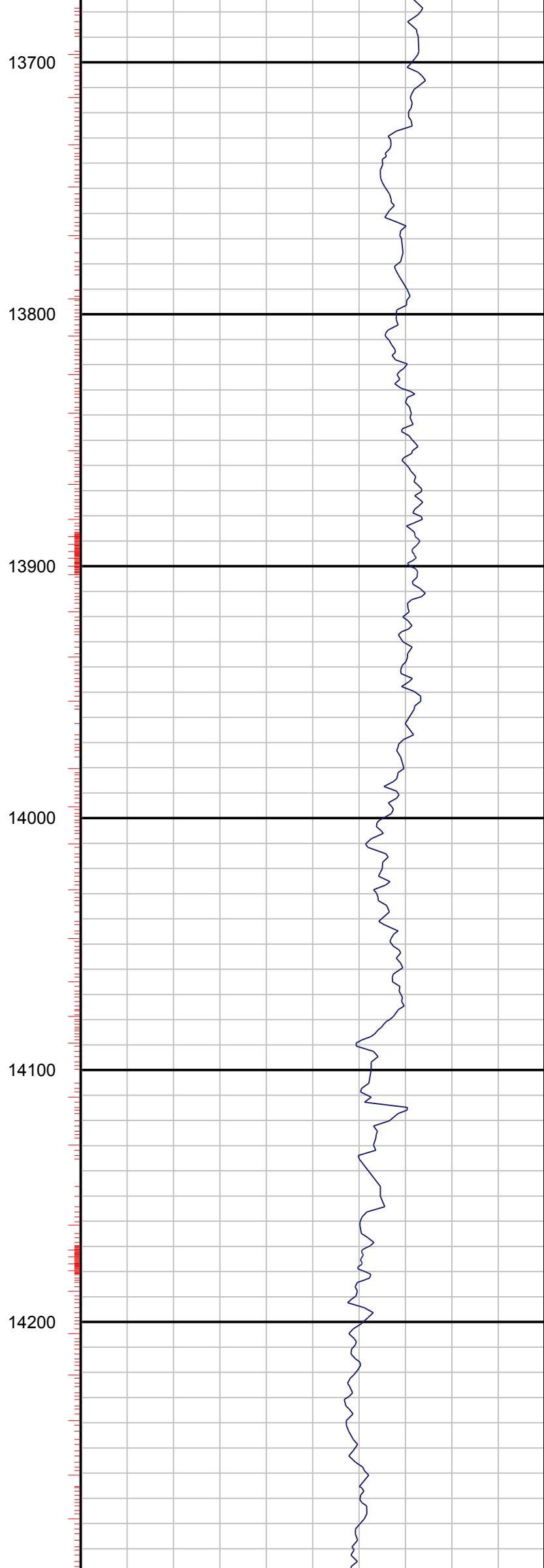
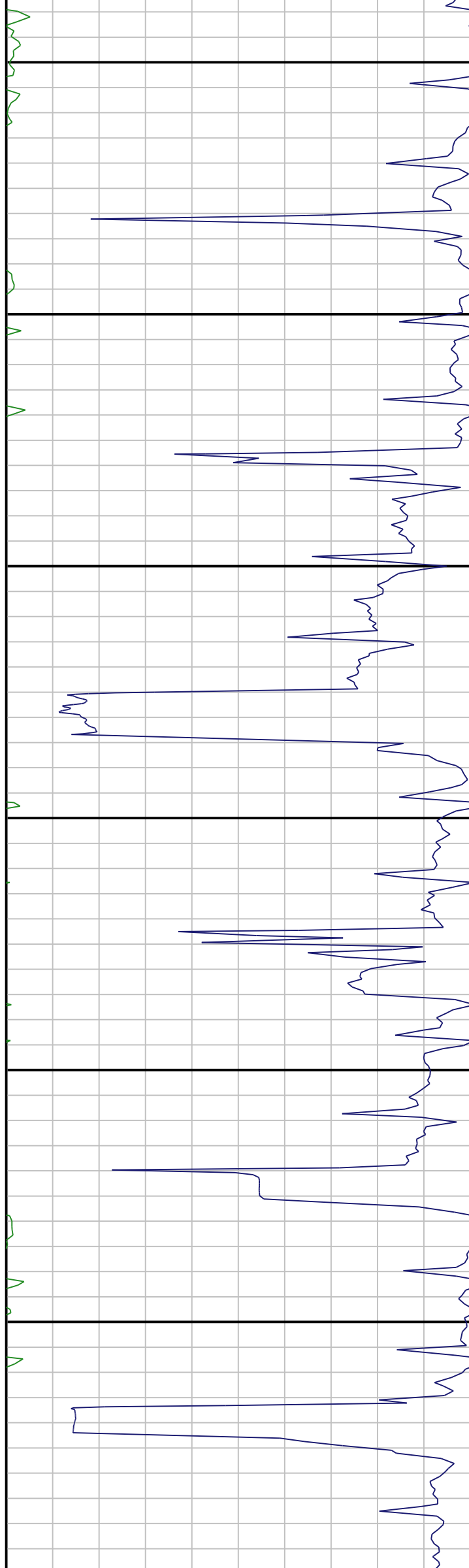


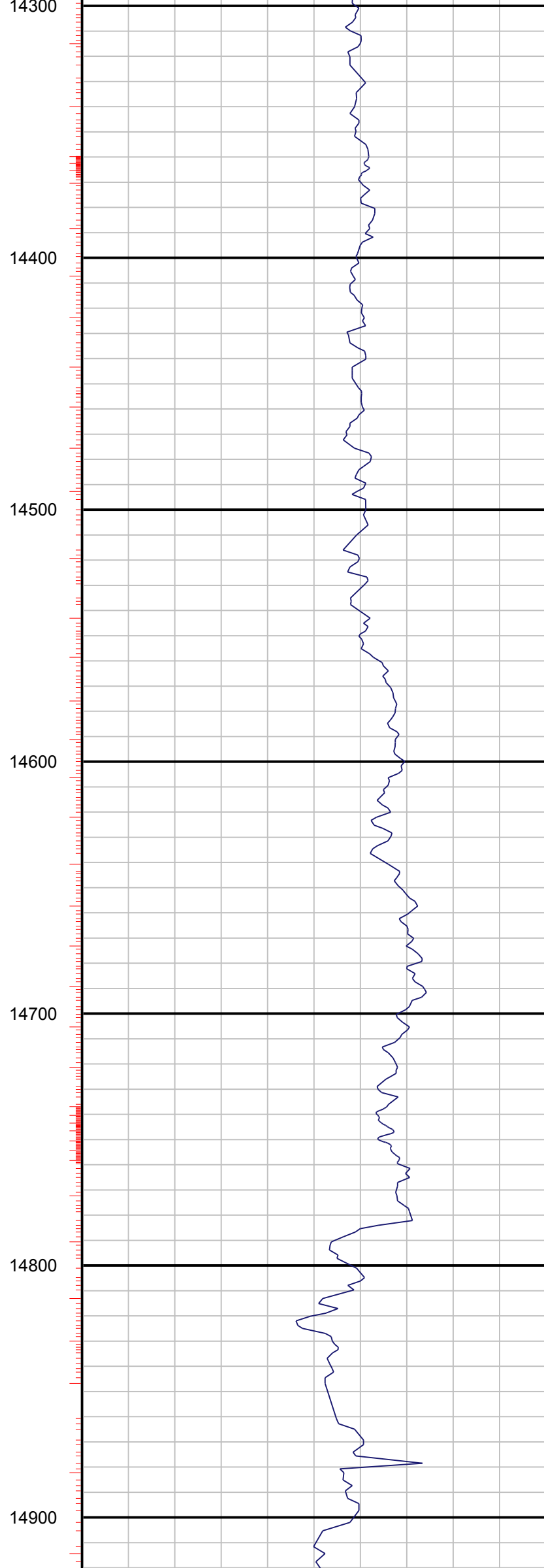
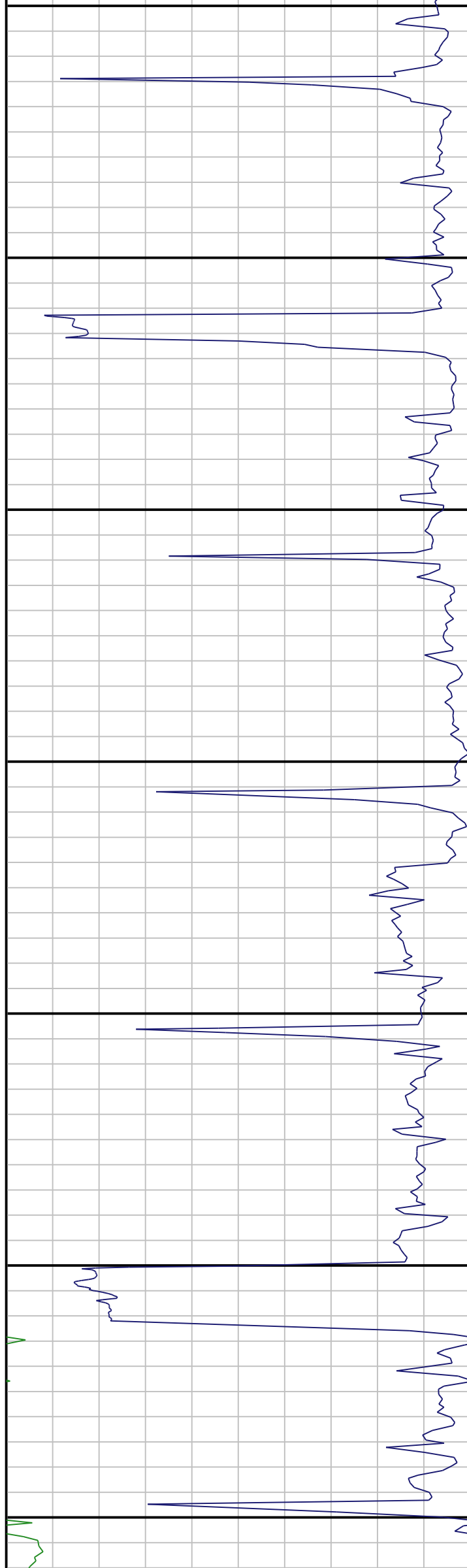


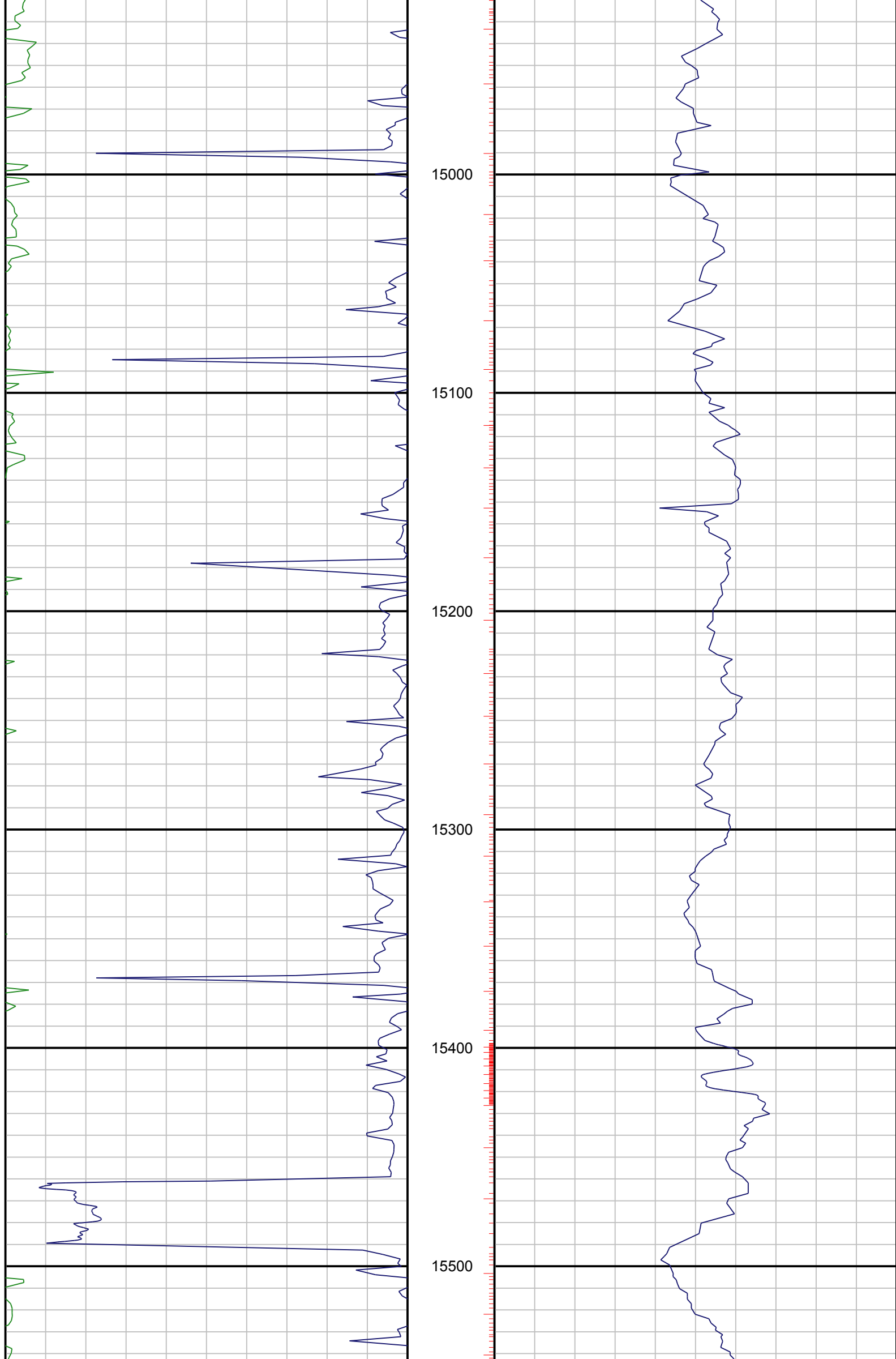


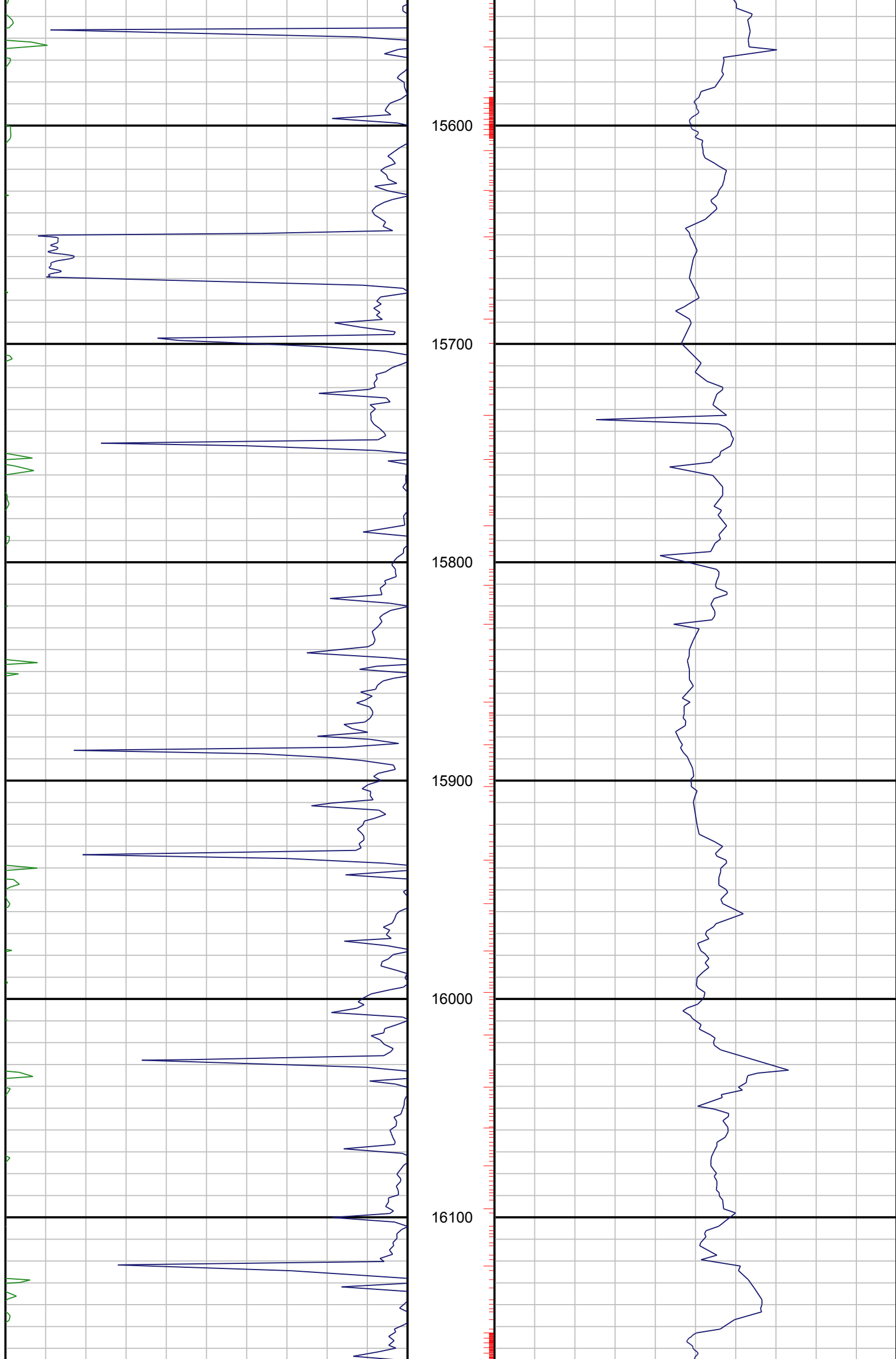


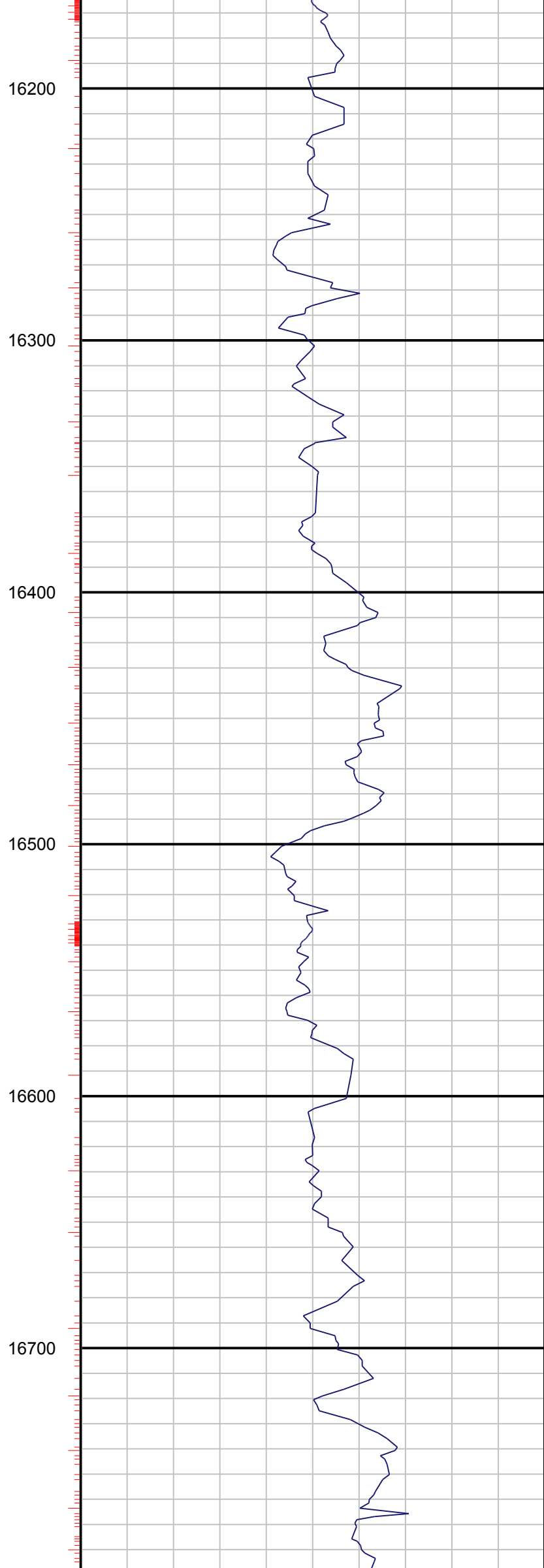
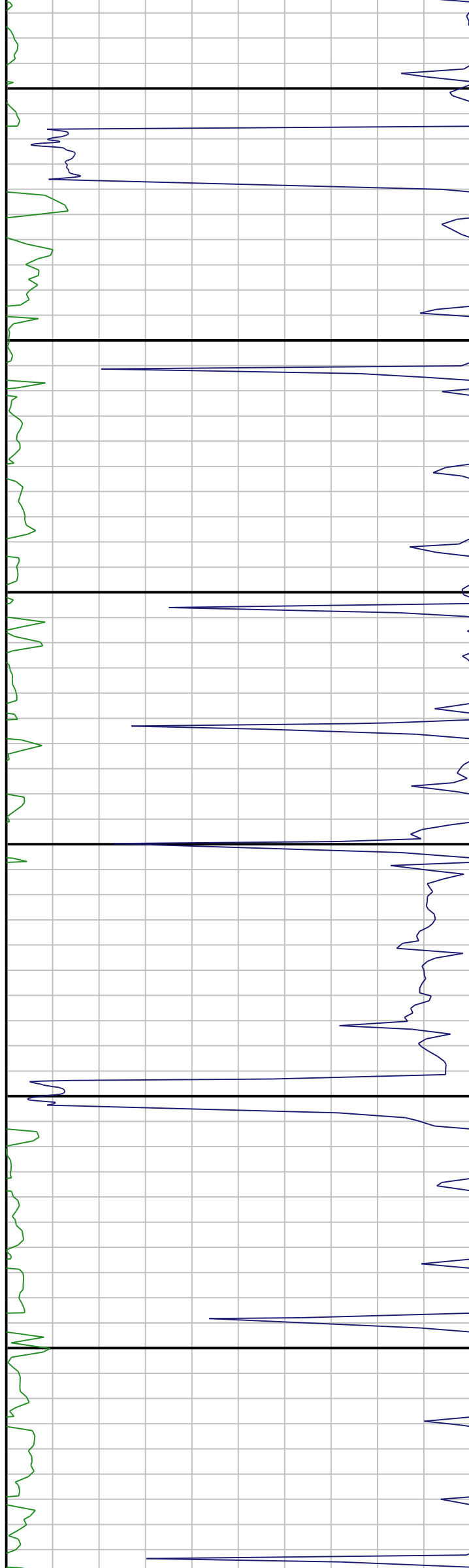


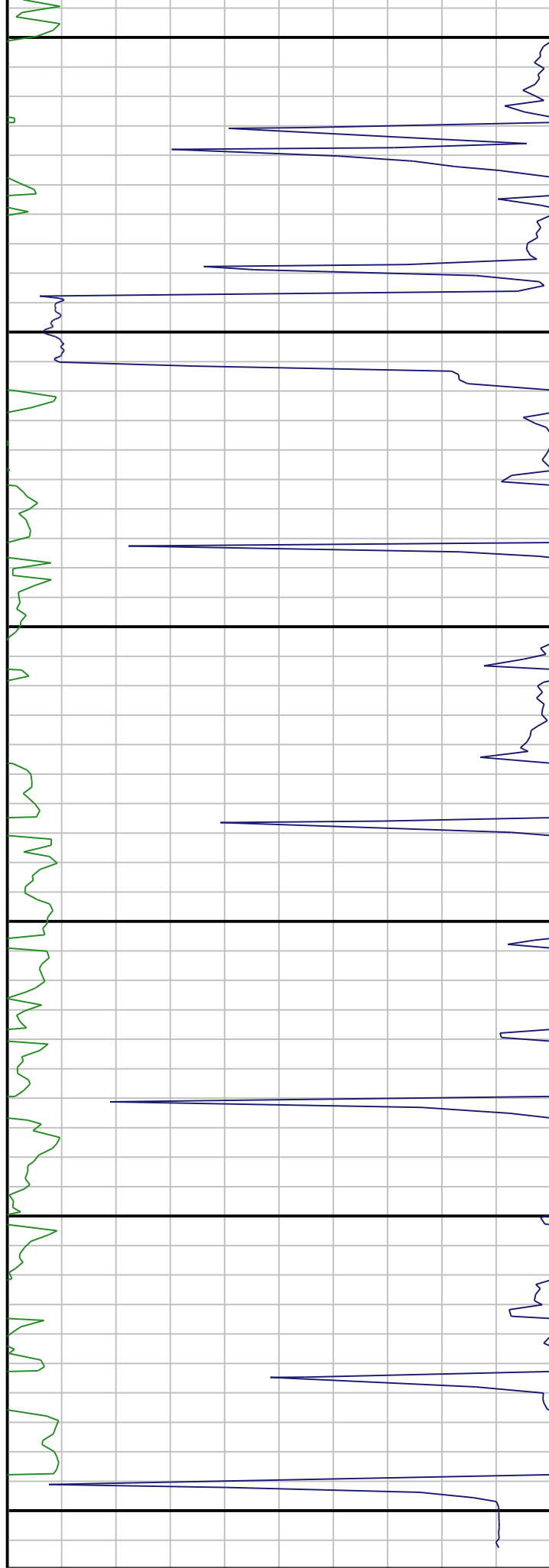




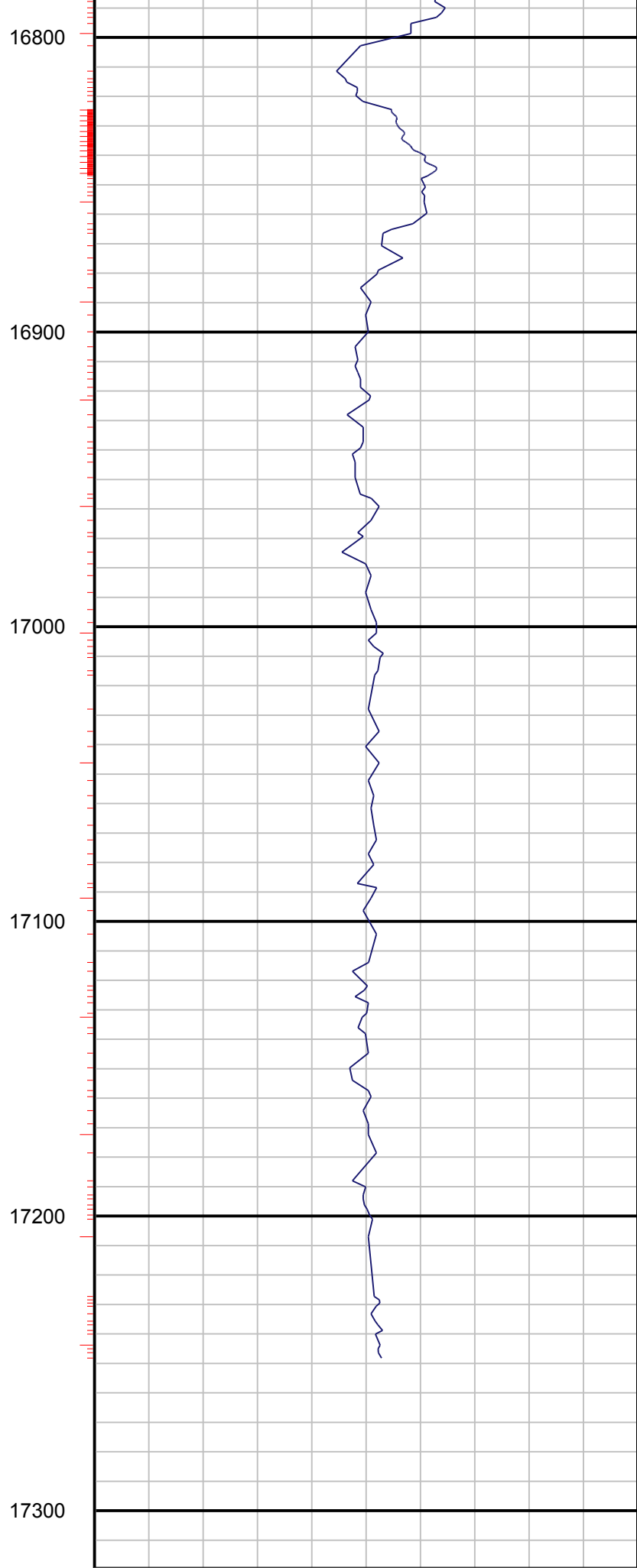








ROP		ROP
0	ft/hr	500
ROP		ROP
500	ft/hr	1000
ROP		ROP
1000	ft/hr	1500



Gamma		Gama
0	AAPI	300
Gamma		Gama
300	AAPI	400