



PHOENIX

TECHNOLOGY SERVICES

MD
1:240
Feet

MWD Gamma / ROP (5")

Client: Extraction Oil & Gas

Well Name: Mickey 5

API/UWID: 05-123-43855

County: Weld

Permit #: AFE - 14565

State: Colorado

Field: Wattenburg

Country: USA

Longitude: 104° 54' 51.91589 W
Latitude: 40° 30' 59.03778 N

Personnel

Company Representative

Kalyn Holgate

Geologist

Directional Driller(s)

Scott Sanford
Colby Hansen

MWD Operator(s)

Kevin Hursh
Ben Hursh
Justin Schram

Rig Name: Patterson 346

Job Number: 60554

Ground Level: 4880.00 ft

Kelly Bushing: 4905.00 ft

Permanent Datum: Mean Sea Level

Drilling Measured From: Kelly Bushing

Spud Date: December 5, 2016

Bottom Hole Temp: 267.1 °F

Log Start Depth: 1500.00 ft

Log End Depth: 17600.00 ft

Comments:

Main Leg

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Operational Run Summary

	Run 1				
Run Start Depth (ft)	1500.00				
Run End Depth (ft)	17600.41				
Run Start Date	12/5/2016				
Run Start Time	5:15 AM				
Run End Date	12/10/2016				
Run End Time	5:07 AM				

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Tool Information Summary

	Run 1				
Gamma Probe Serial No	EGNF0121				
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)	64.60				
Gamma-to-Bit (GTB) (ft)	63.41				
Annular Pressure-to-Bit (APT) (ft)	0.00				

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Borehole Fluids and Measurements Summary

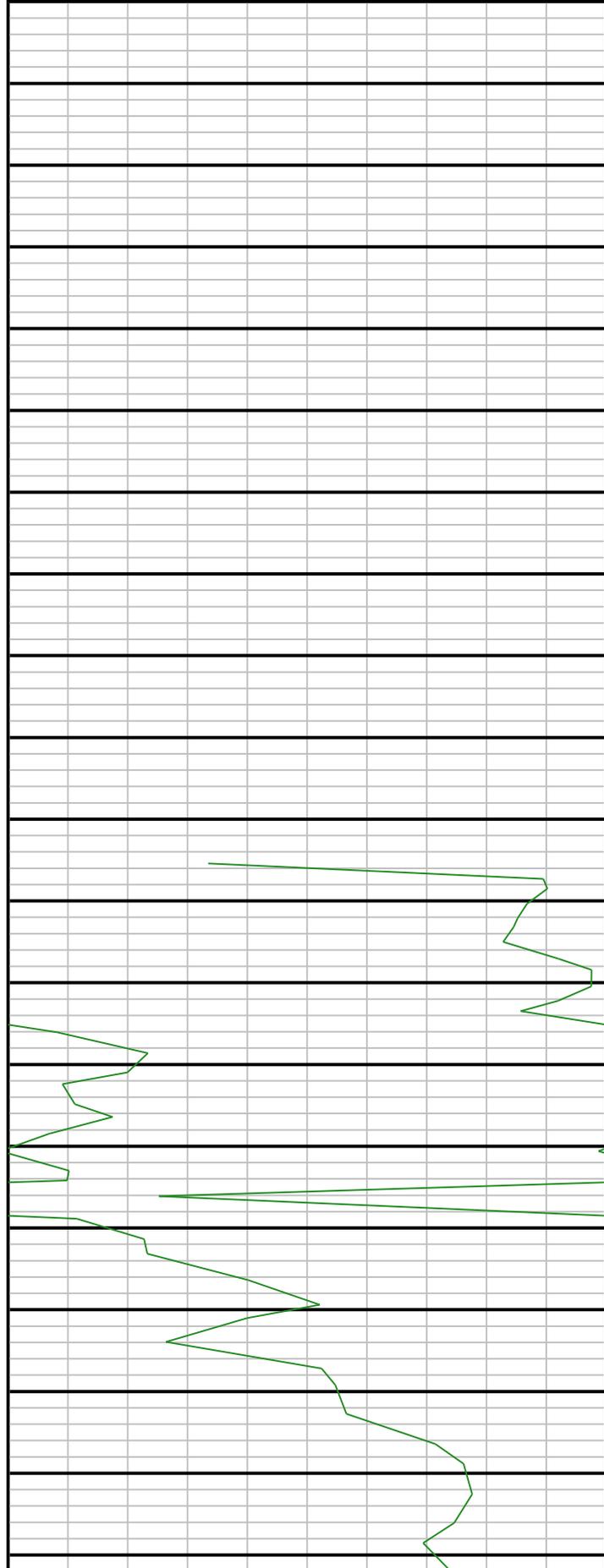
	Run 1				
Hole Size (in)	7.83				
Casing Start Depth (ft)	0.00				
Casing End Depth (ft)	1540.00				
Casing ID Size (in)	0.625				

Casing Size (in)	9.025					
Mud Type	Invert					
Mud Weight (lb/gal)	9.7					
Mud Viscosity (s)	43					
Weighting Agent	Barite					
Mud KCL Content (%)	0.000					

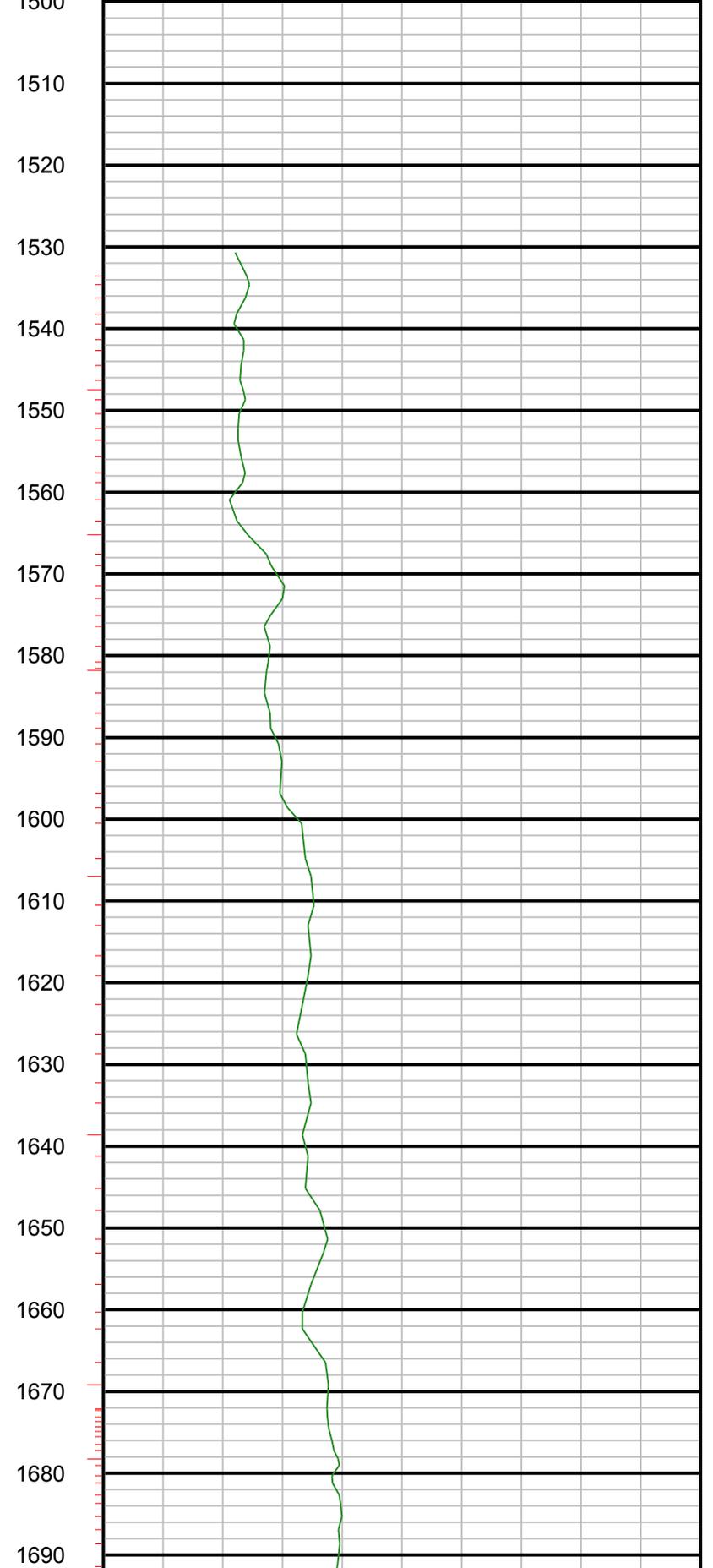
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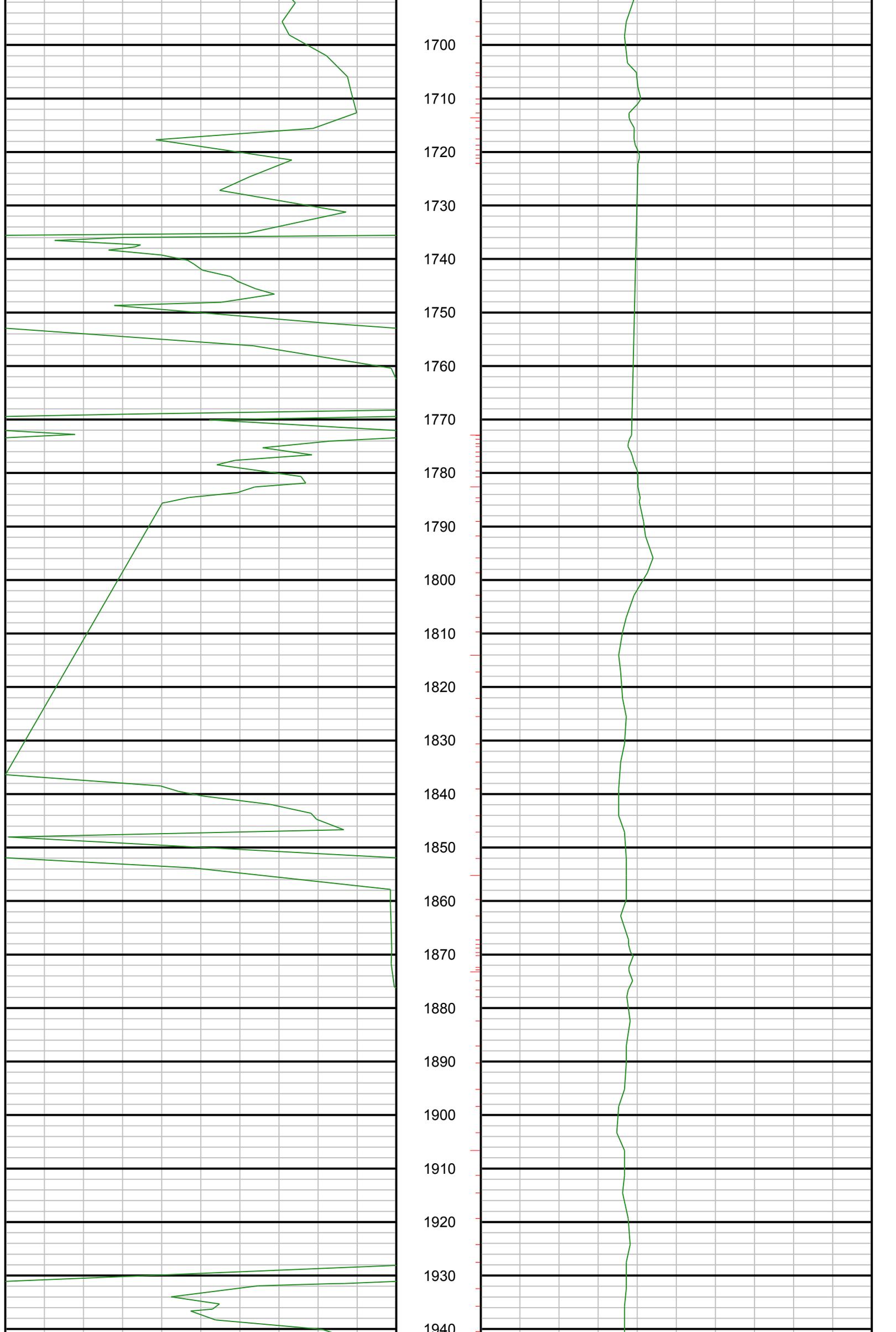
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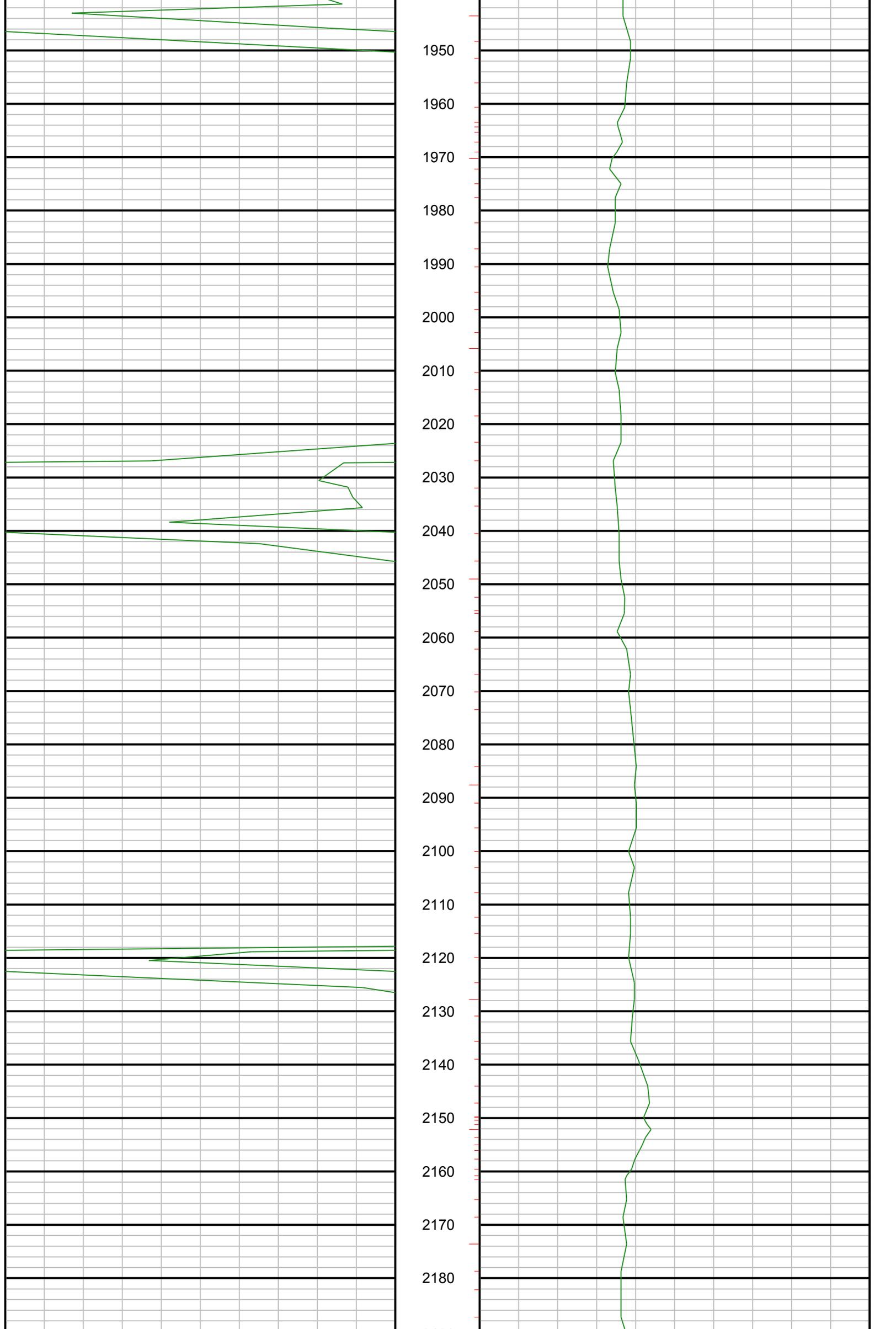
	ROP	ROP
0	ft/hr	500
	ROP	ROP
500	ft/hr	1000

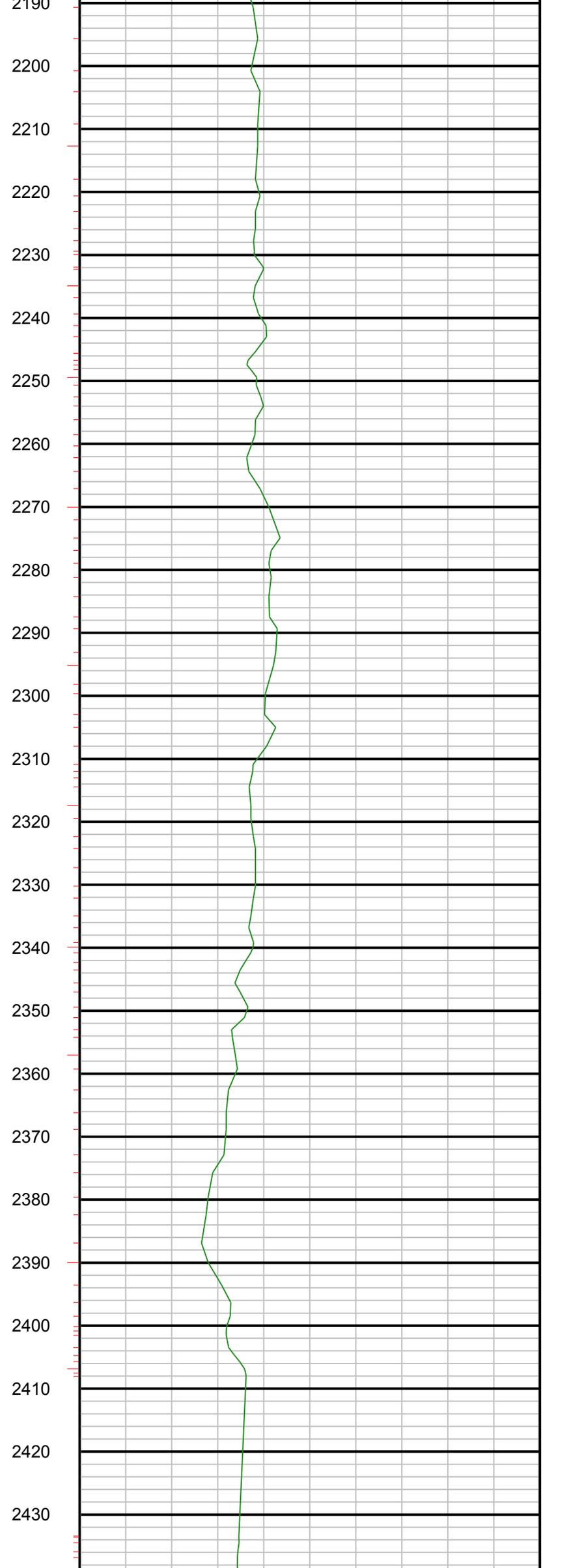
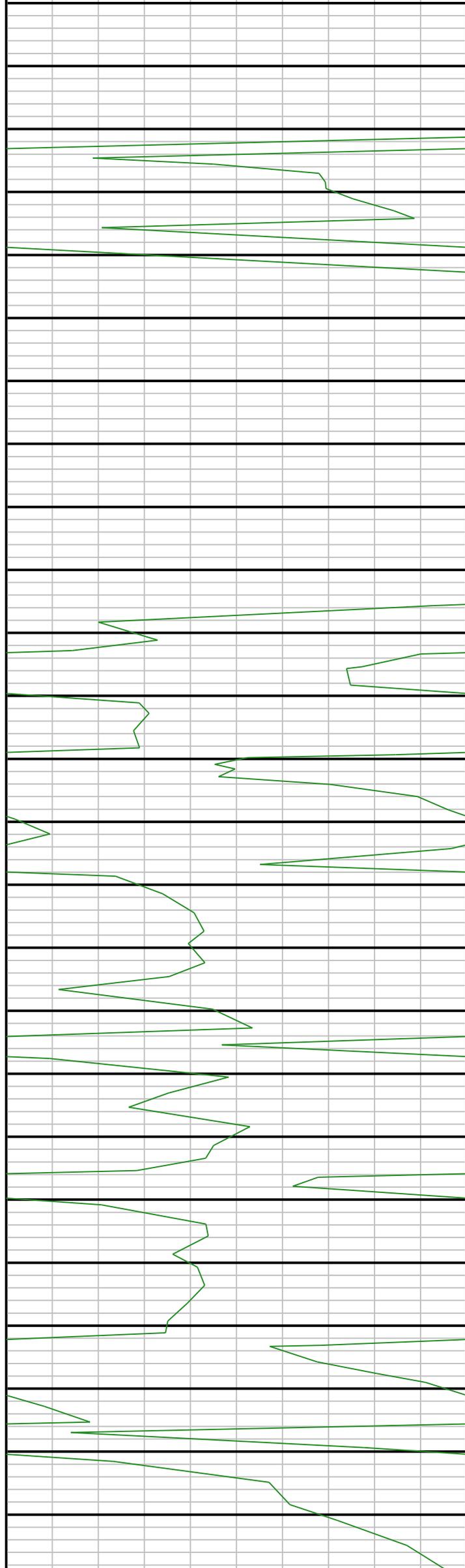


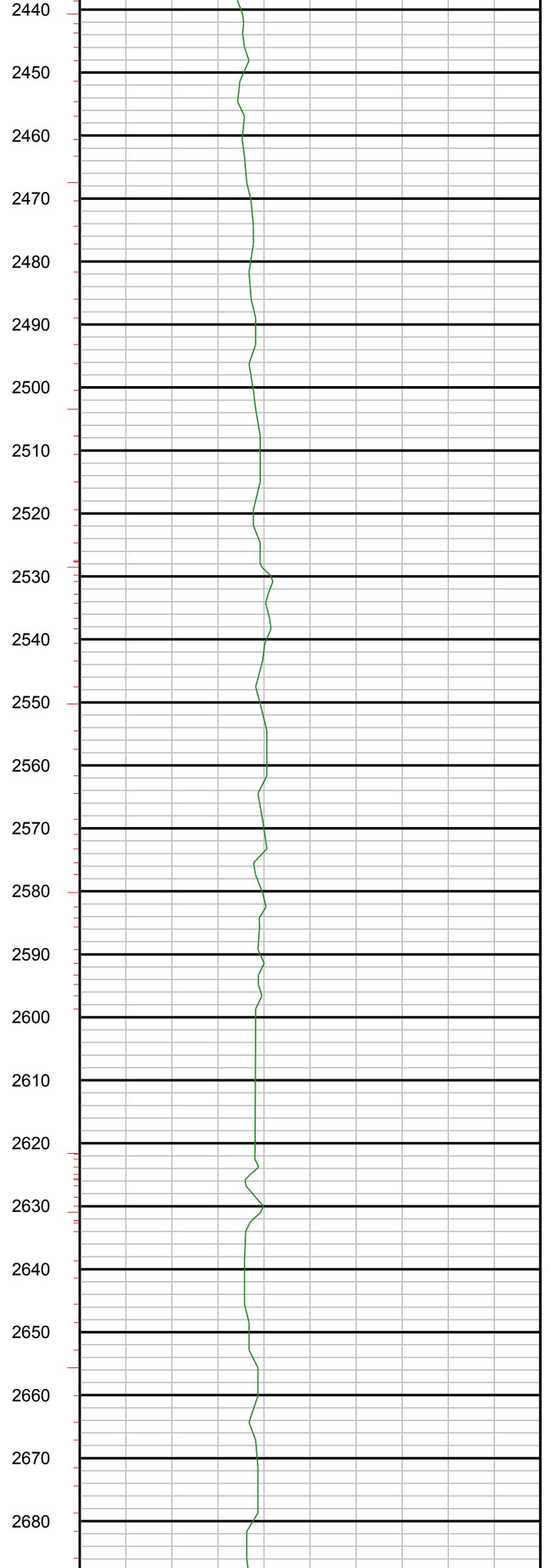
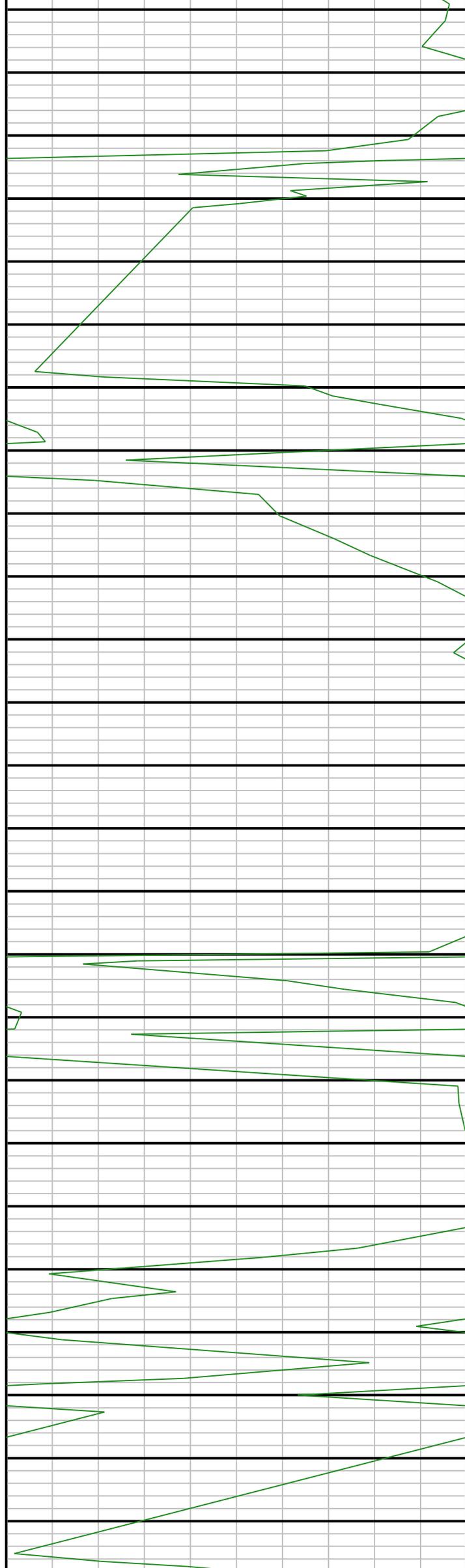
	Gamma	Gama
0	AAPI	300
	Gamma	Gama
300	AAPI	600

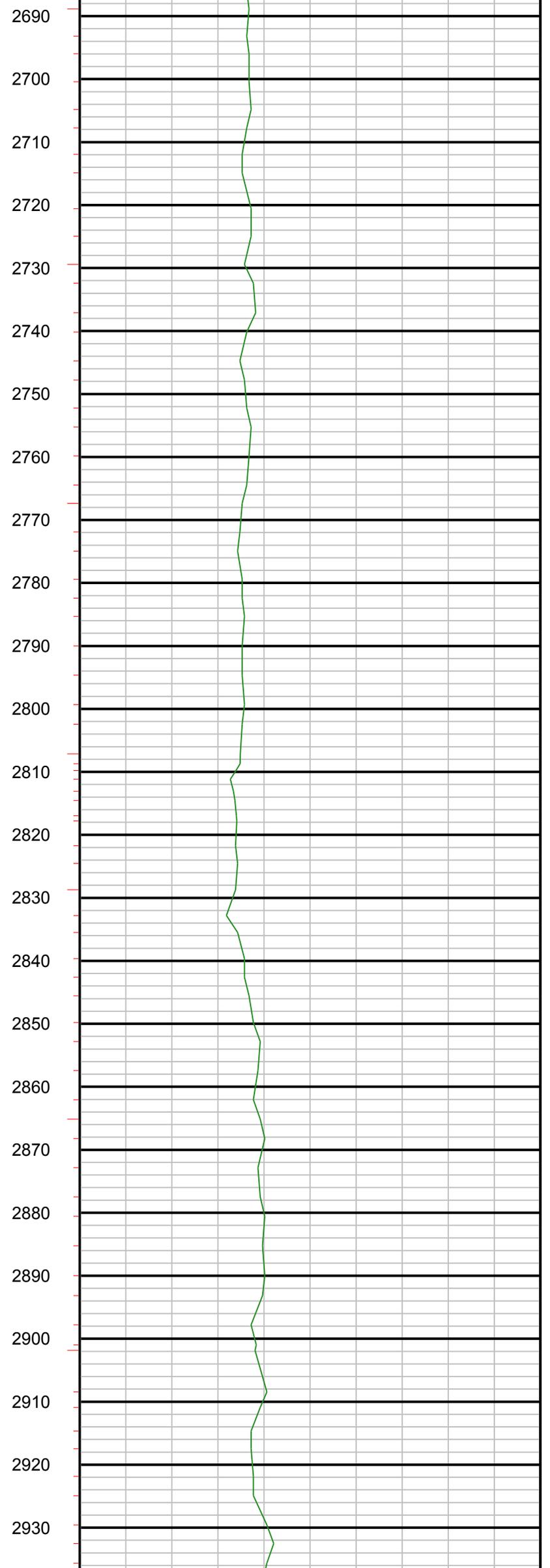
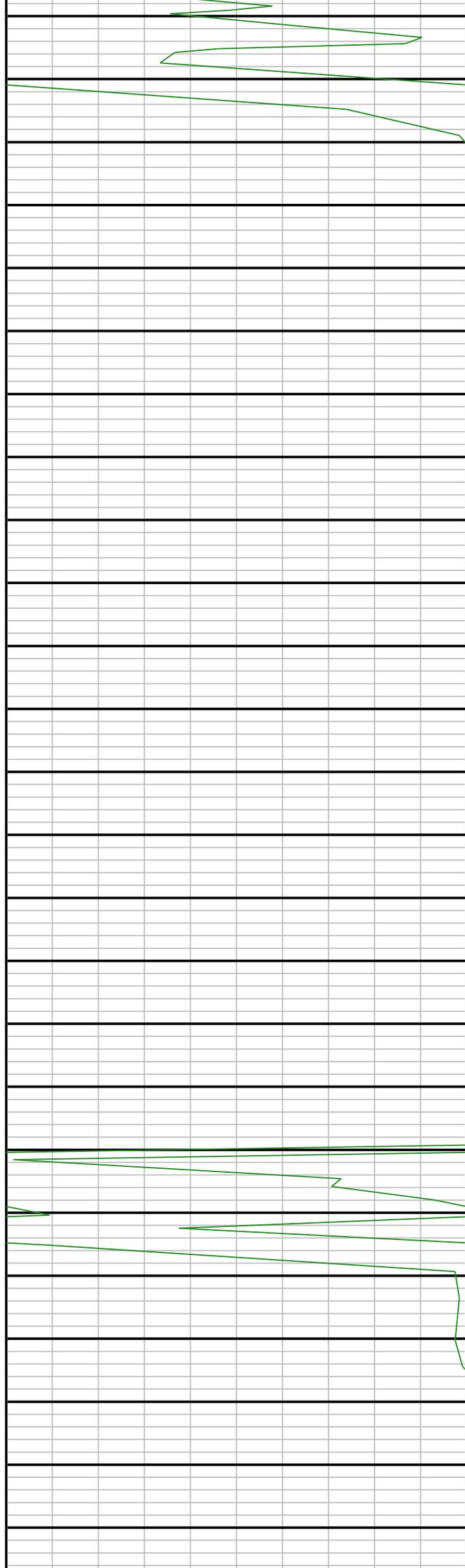


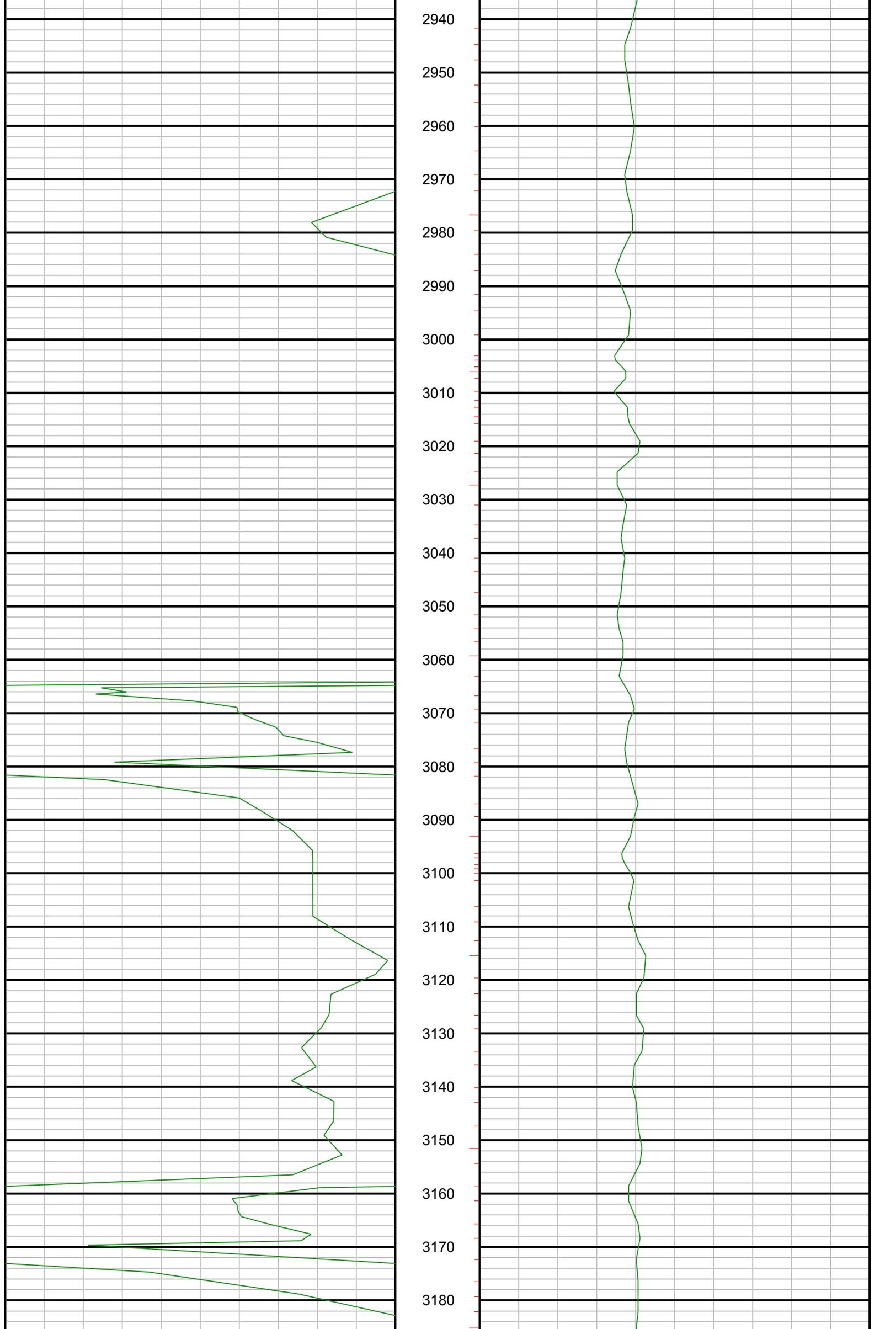


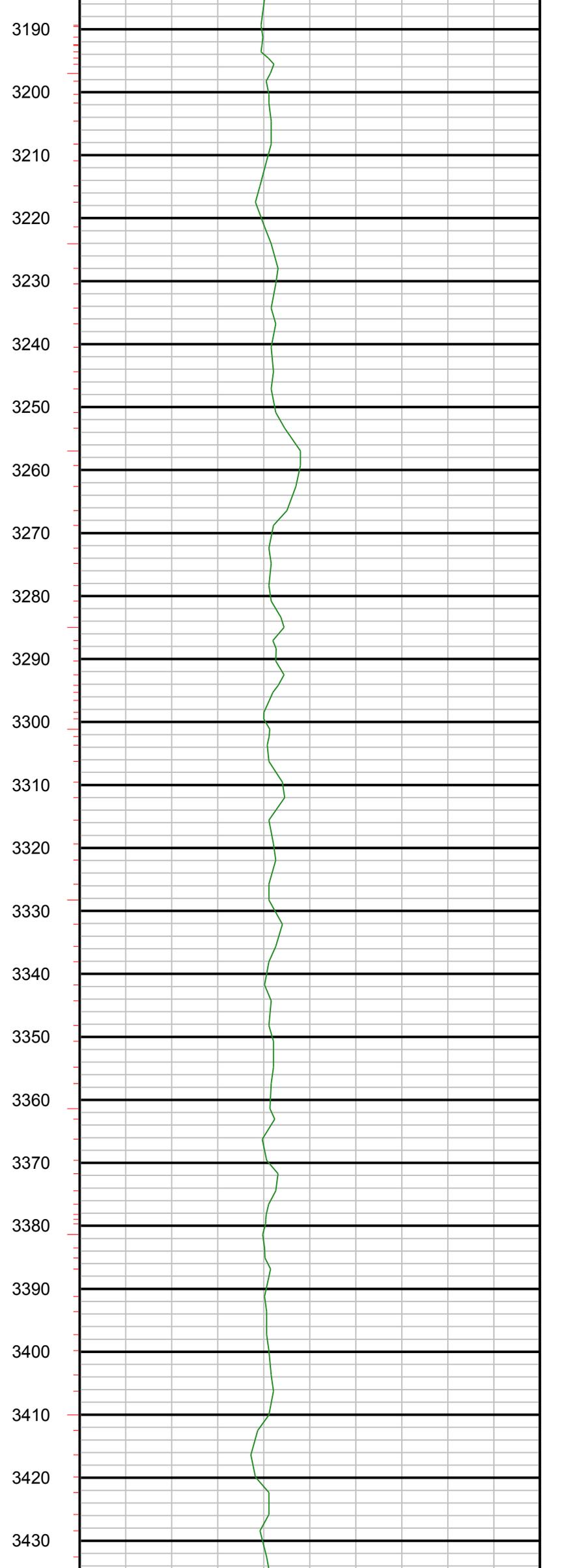
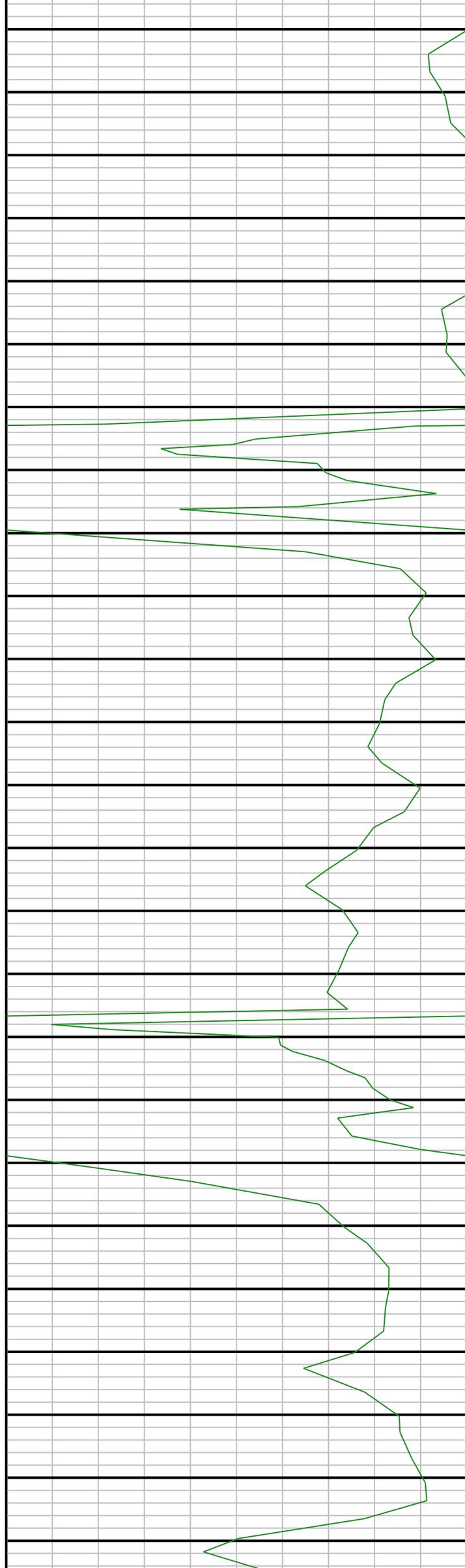


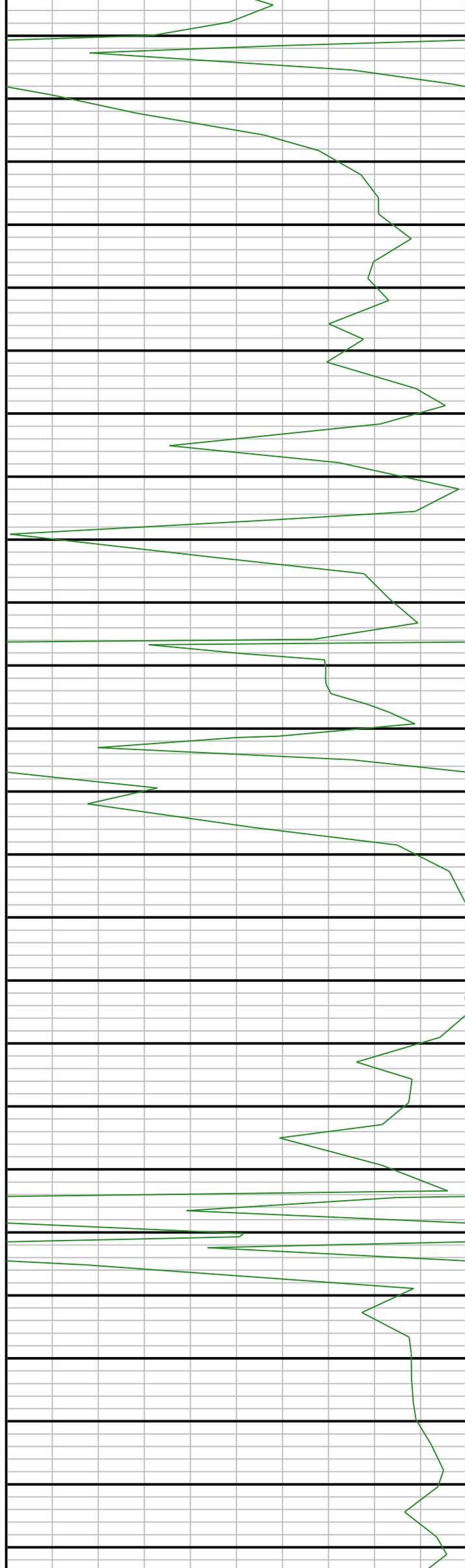




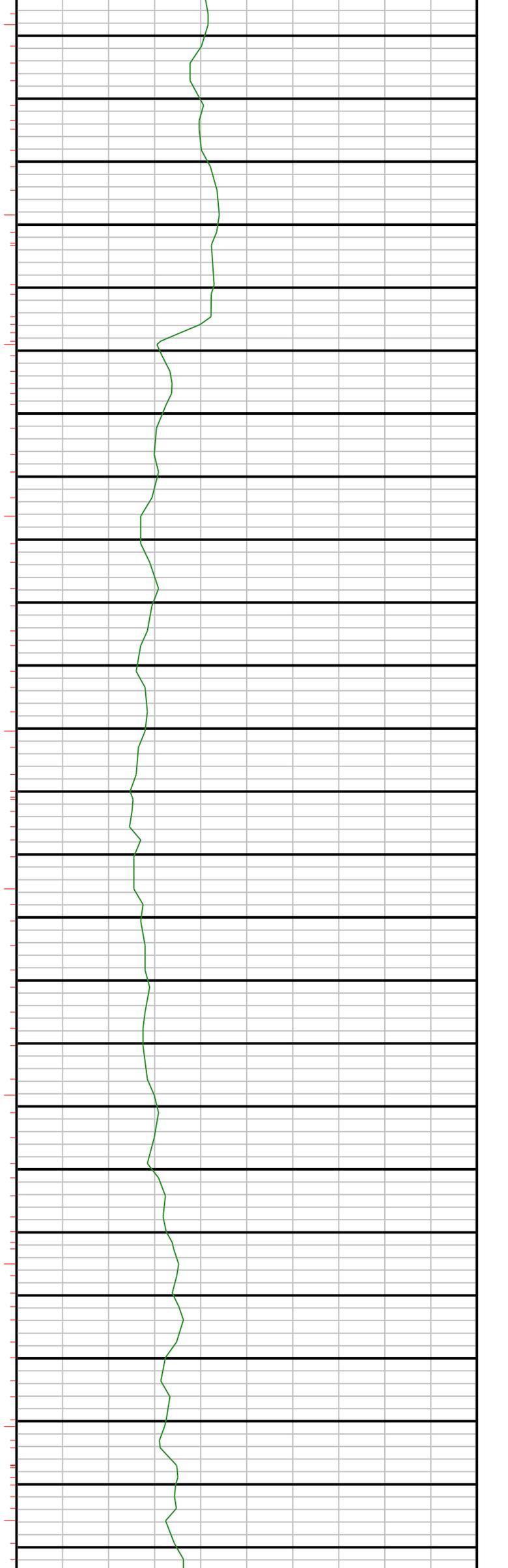


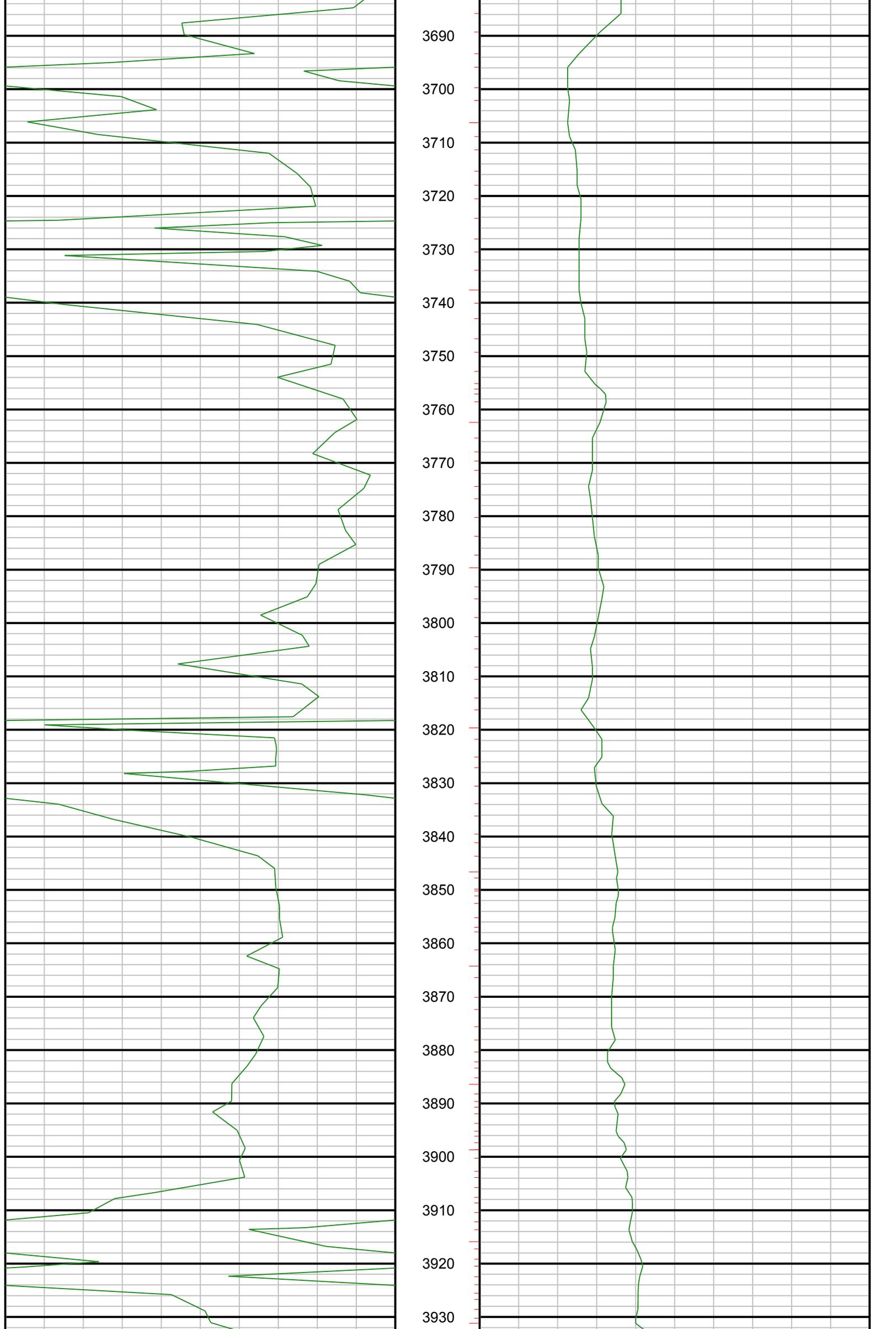


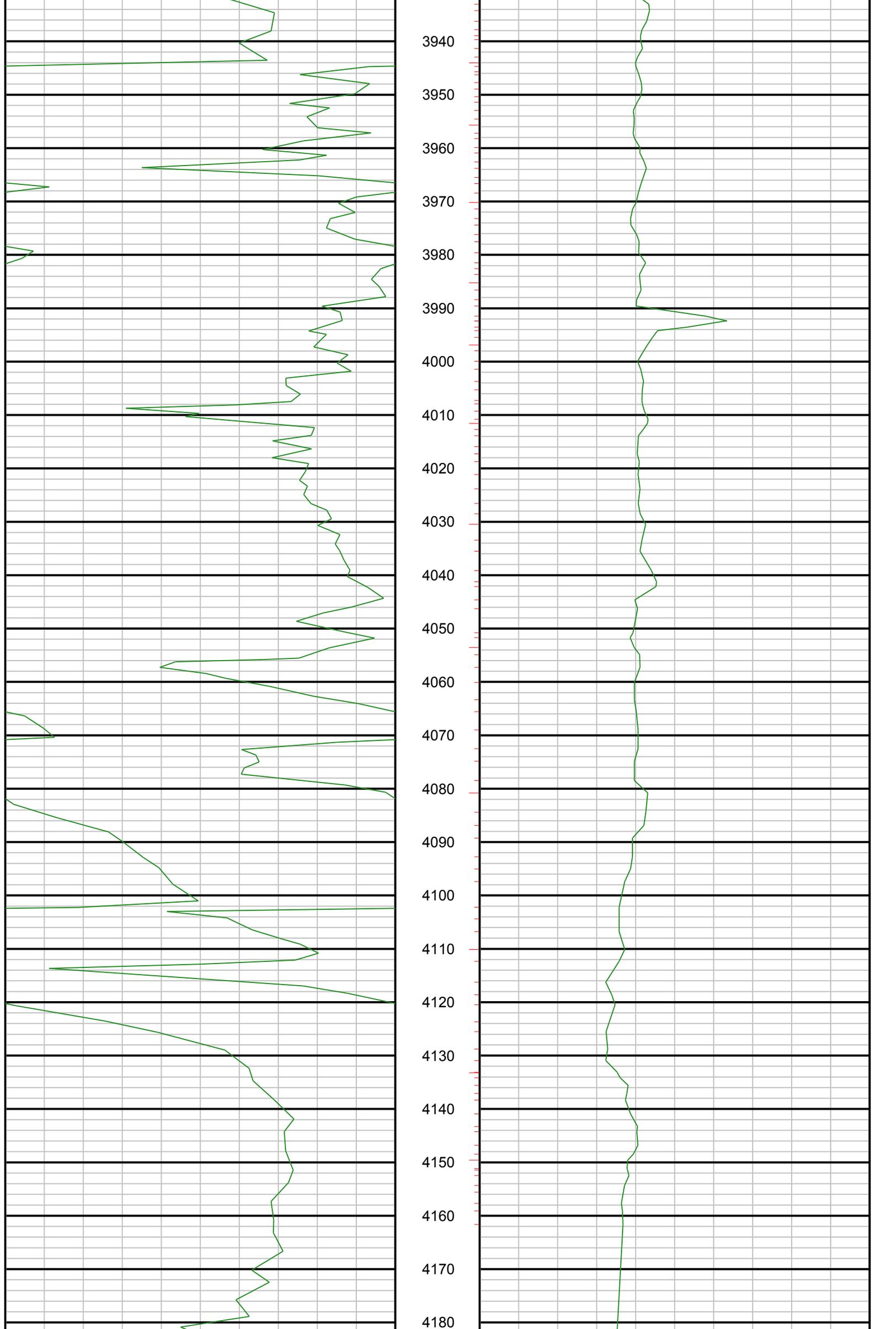


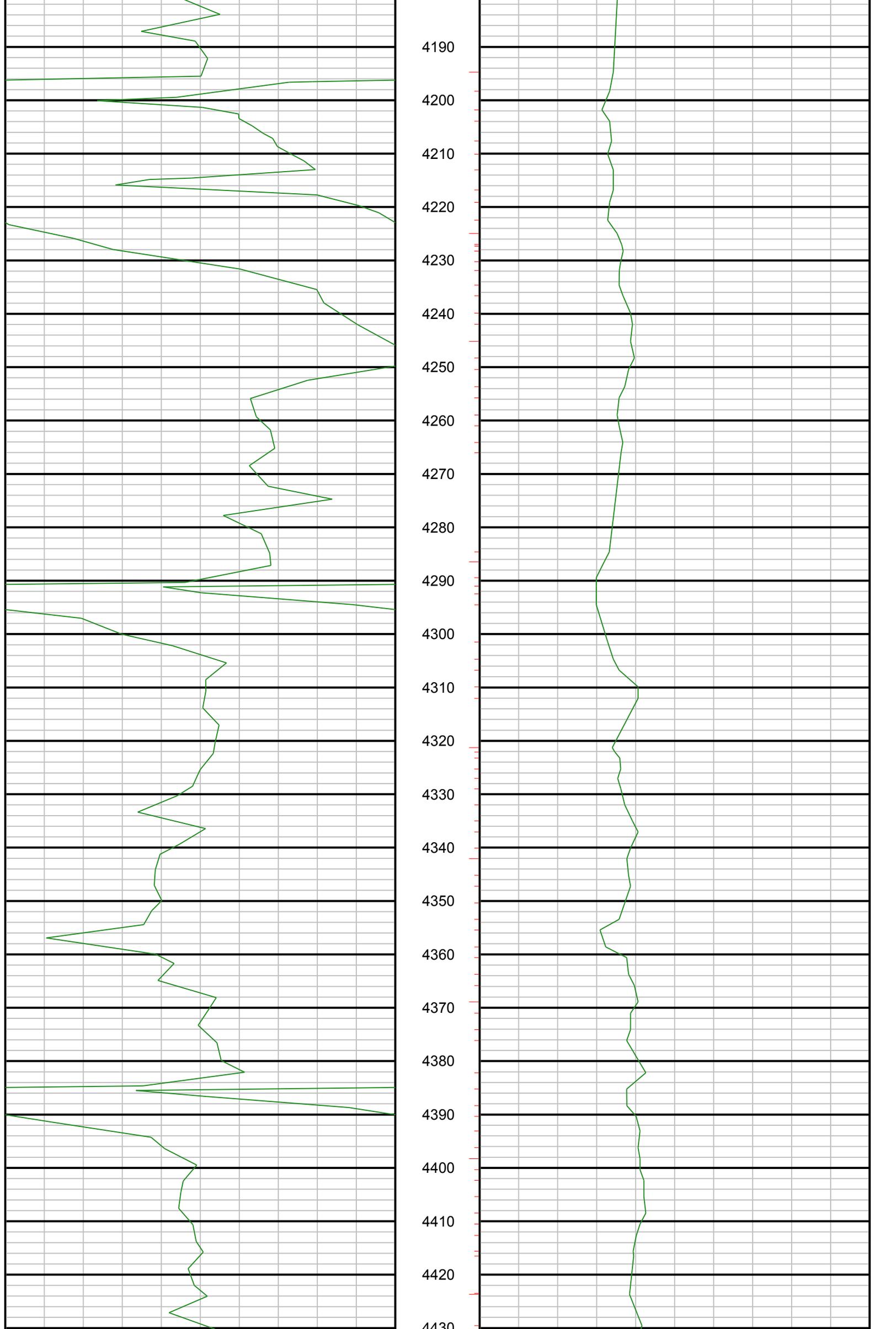


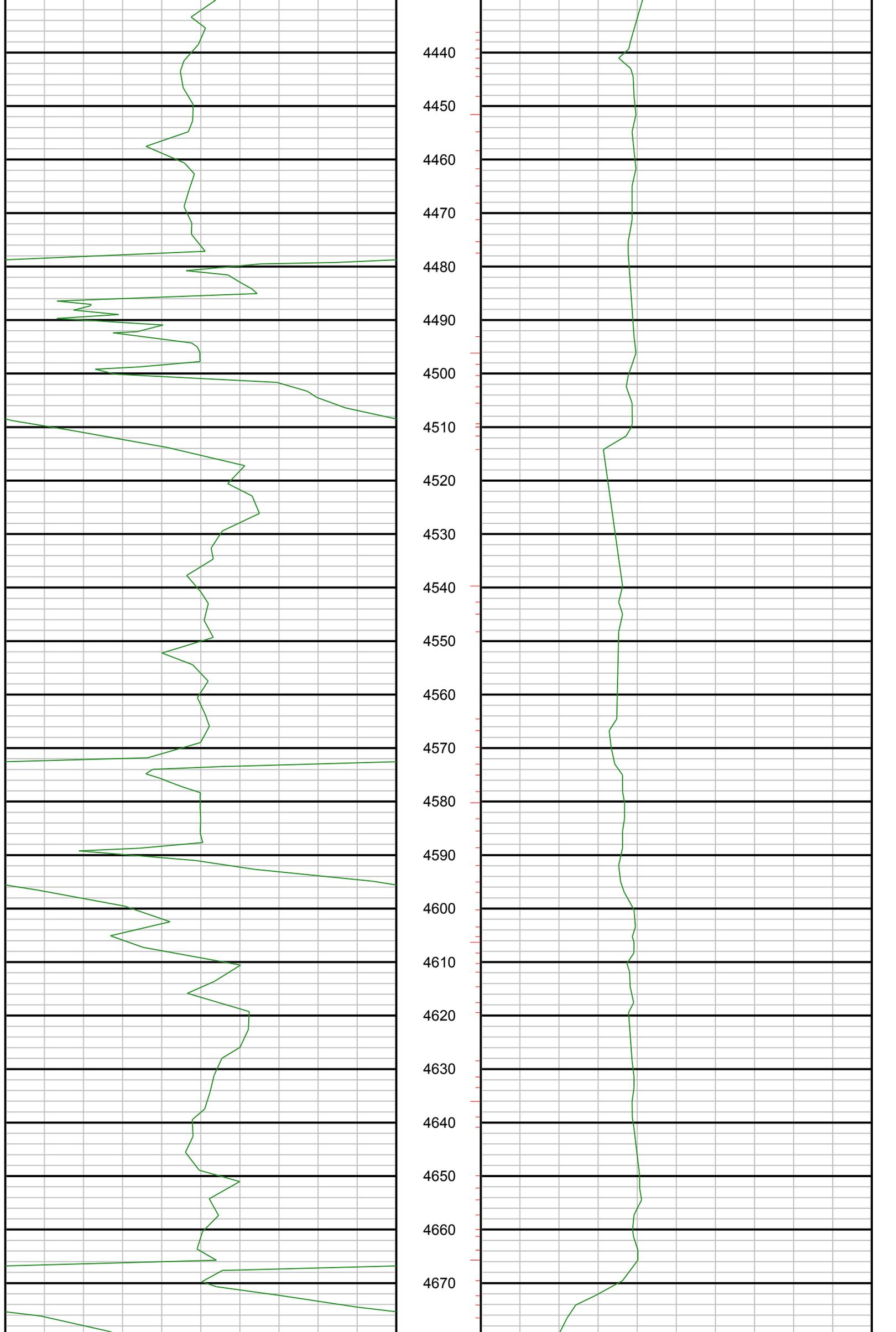
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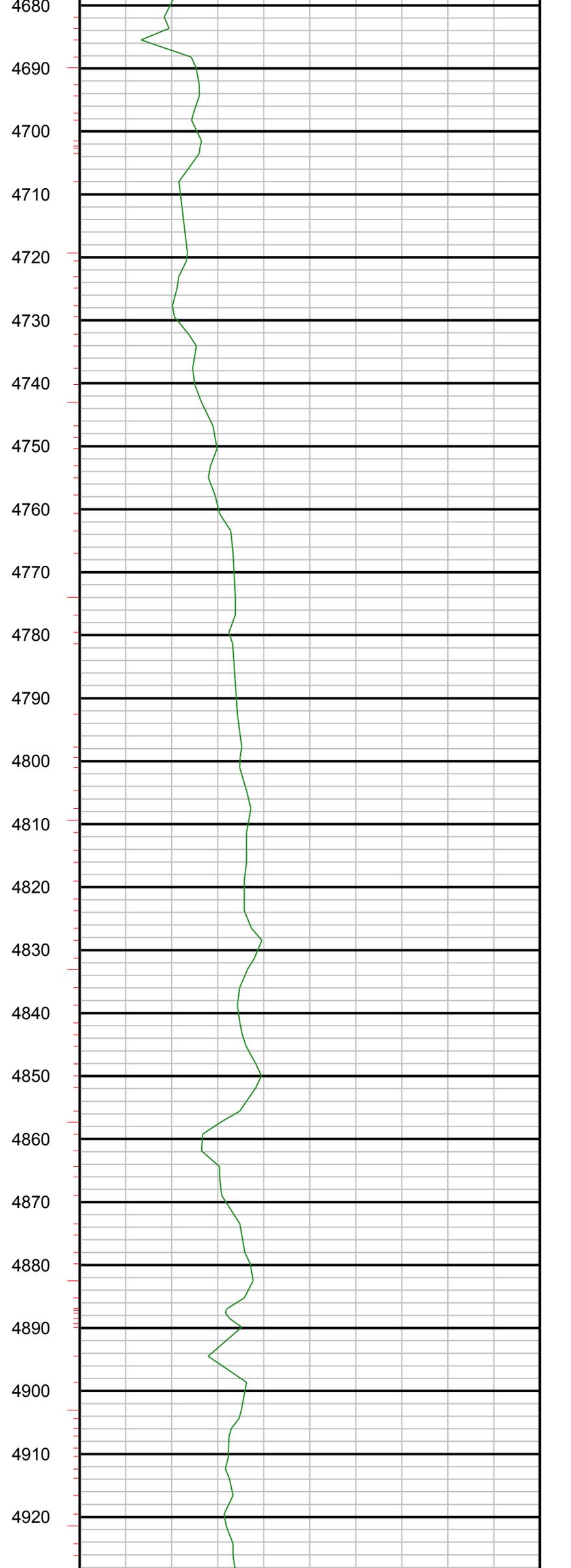
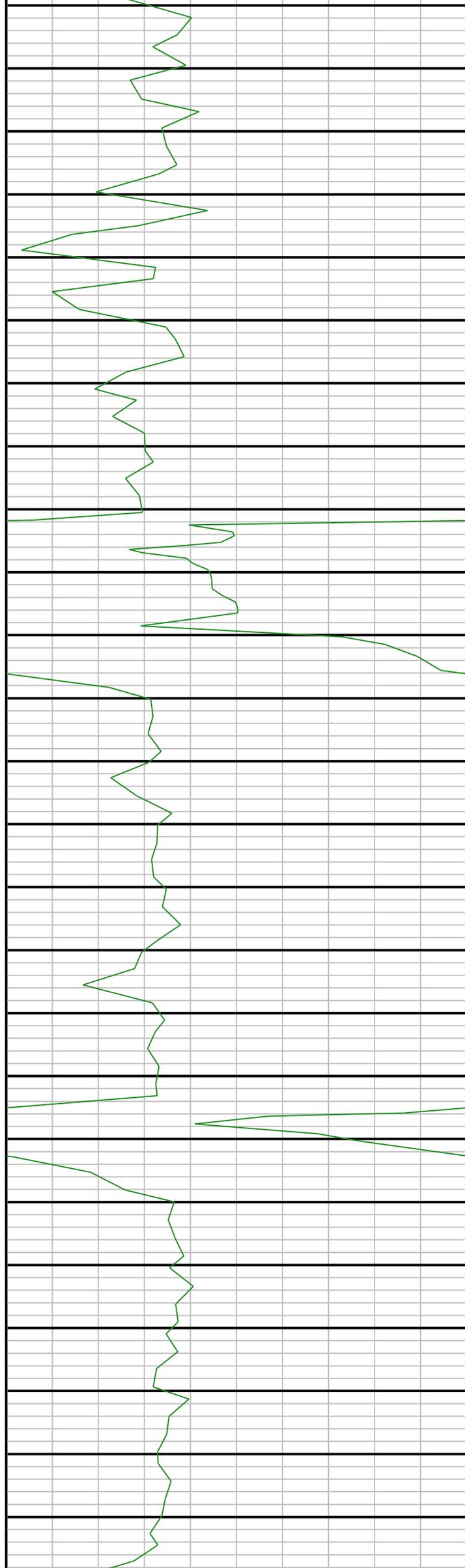


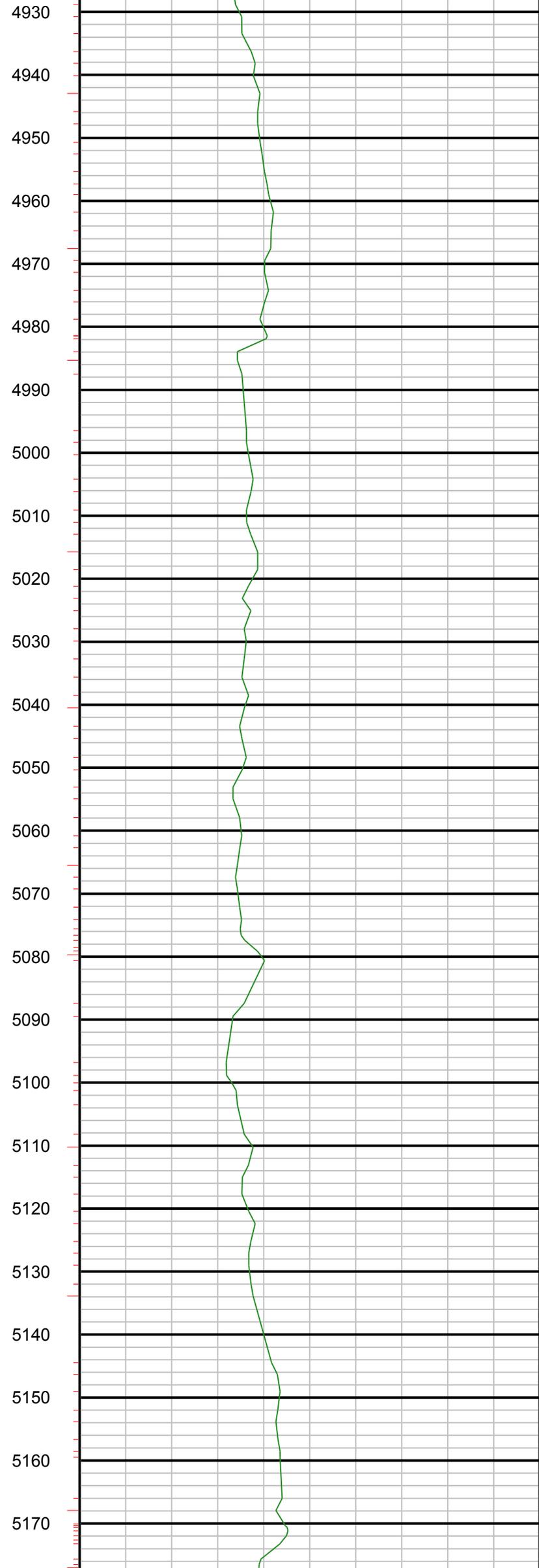


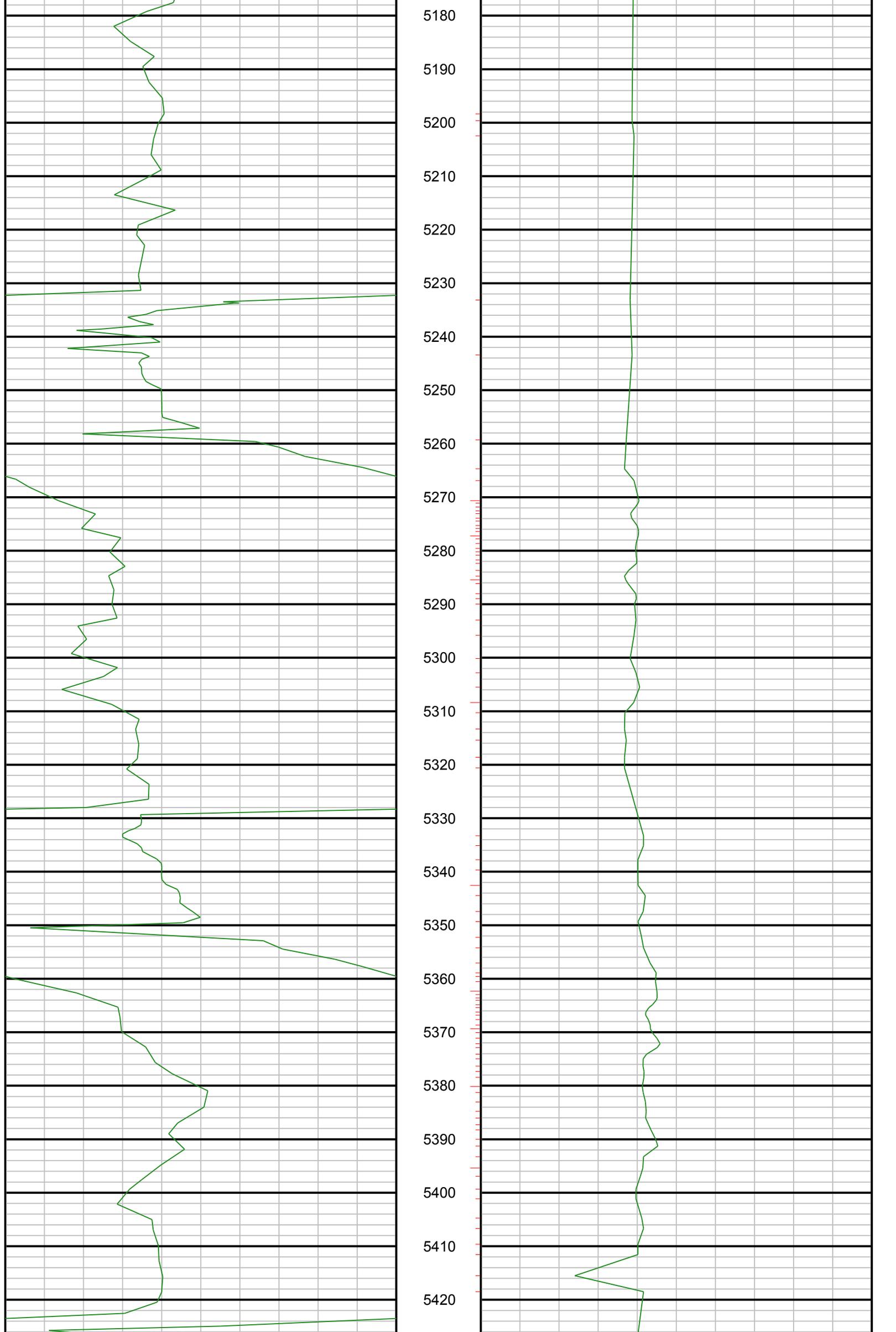


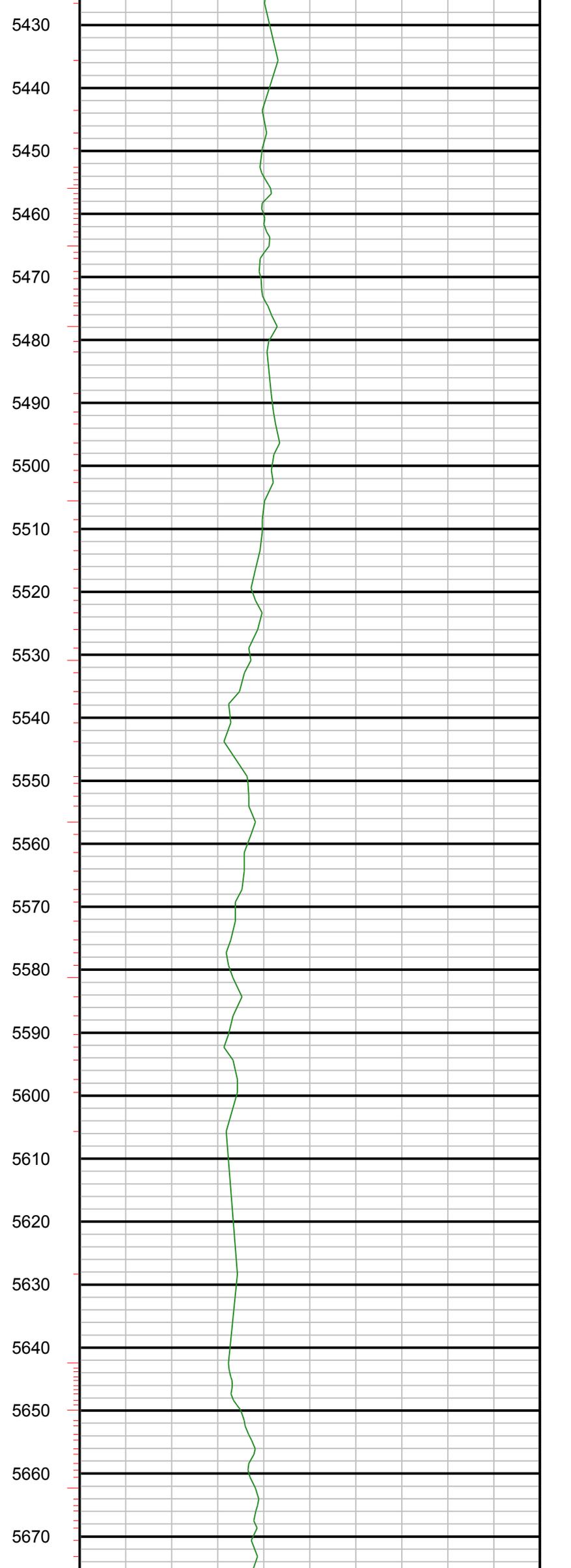
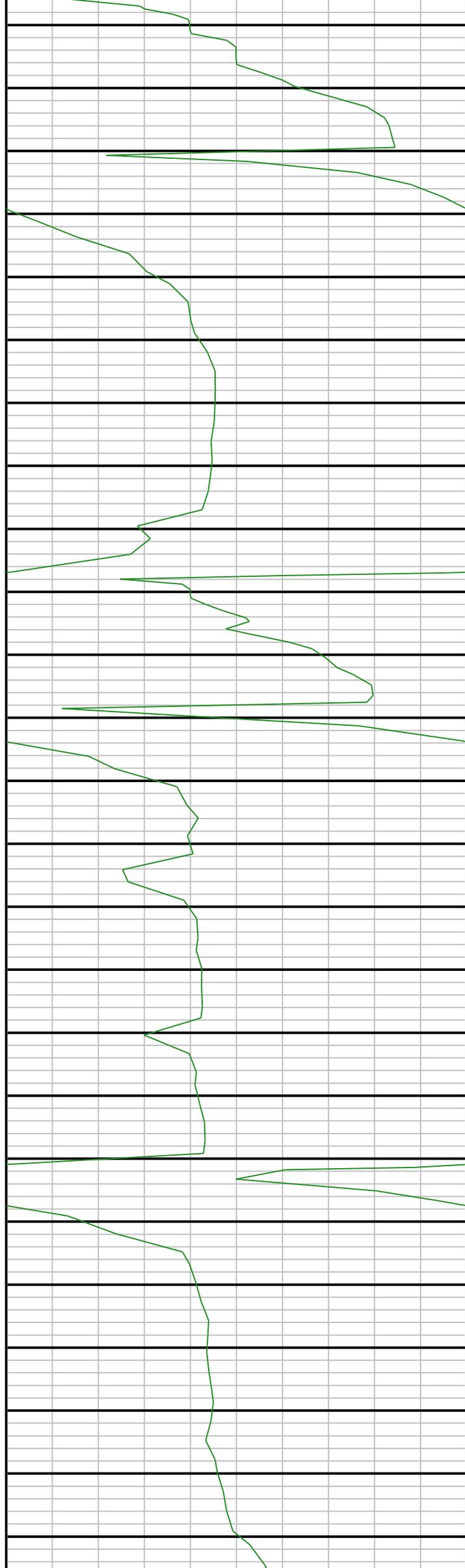


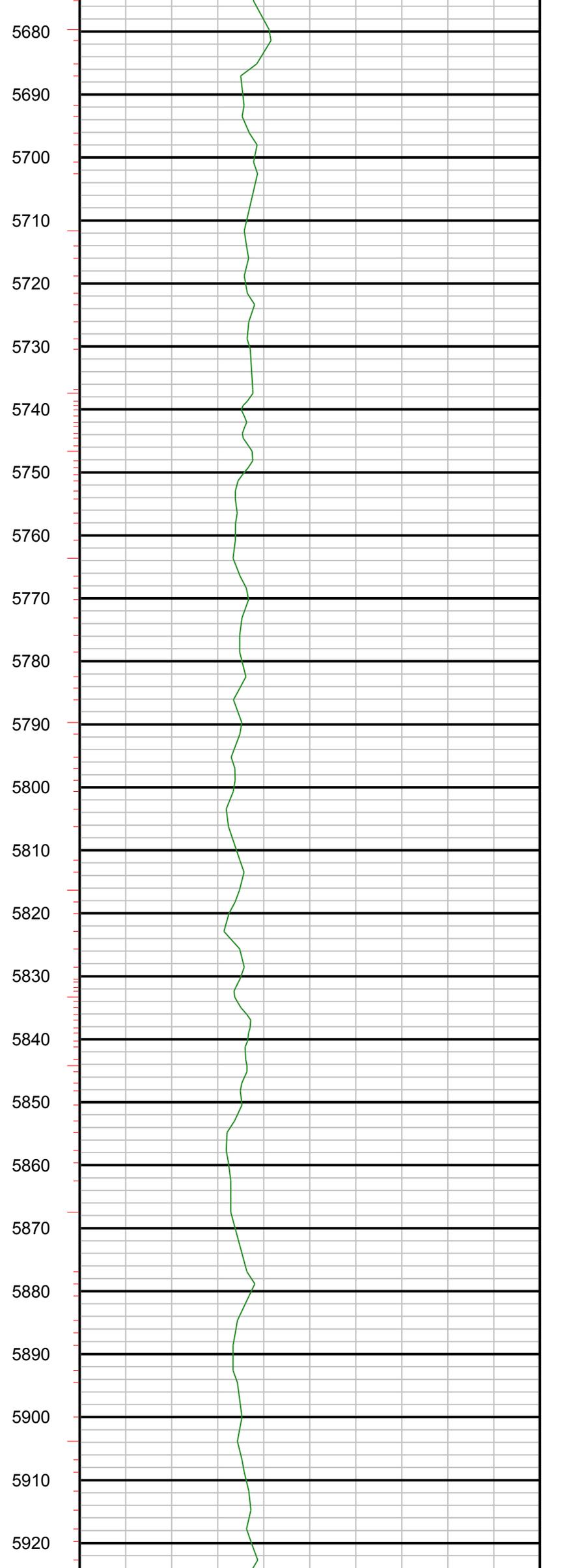
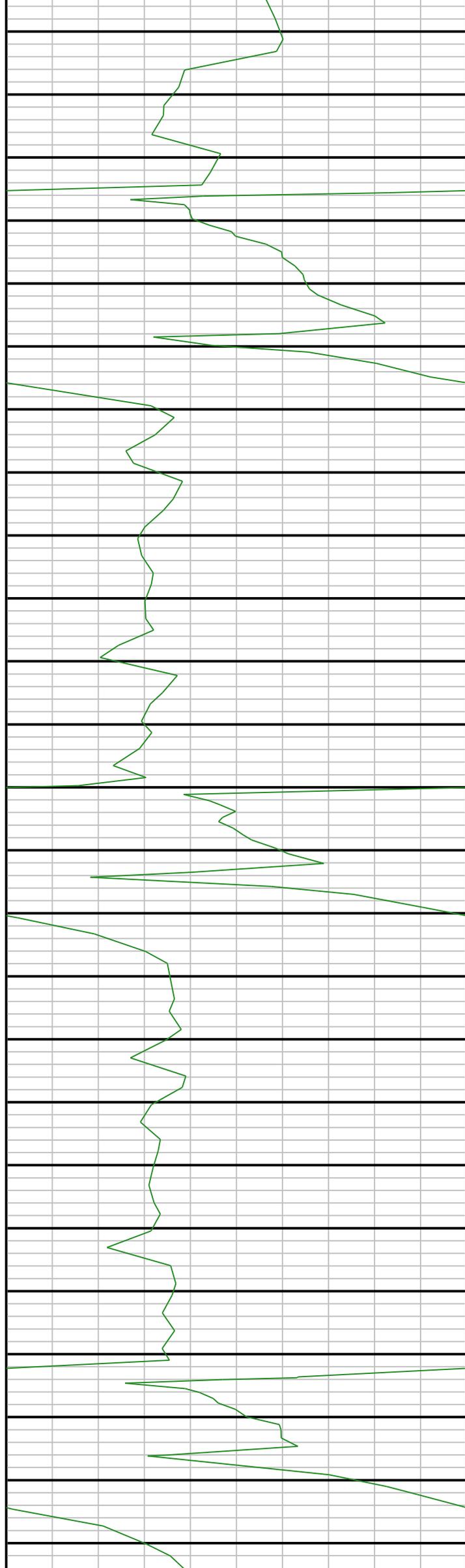












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