

EQUIPMENT DESCRIPTION

RUN1

RUN2

RUN3

DOWNHOLE EQUIPMENT

6–3/4 in. PowerPulse*

MDC: V875–AE
MEC: 1533–BB
MDI: 1565–CA
MGR: 565–AA
DHS: 7.0C00

D&I — 19.45

GR — 18.81



23.81

6–5/8 in. NM Pony
S/N: ASS15700



15.31

8–3/8 in. NM Roller Reamer
S/N: GU2299



13.75

6–7/16 in. NM Pony
S/N: 9612058



11.64

7 in. PowerPak* Motor
A700GT 7:8
S/N: N7311
1.5 deg. Bent Housing
8–3/8 in. Motor Sleeve



9.19

DOWNHOLE EQUIPMENT

6–3/4 in. PowerPulse*

MDC: 401–AB
MEC: 1542–BB
MDI: 1559–BC
MGR: 521–AA
DHS: 7.0C00

D&I — 19.43

GR — 18.78



23.67

6–5/8 in. NM Pony
S/N: ASS15700



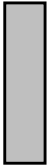
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8–3/8 in. NM Roller Reamer
S/N: GU2299



13.75

6–7/16 in. NM Pony
S/N: 9612058



11.65

7 in. PowerPak* Motor
A700GT 7:8
S/N: N7268
1.0 deg. Bent Housing
8–3/8 in. Motor Sleeve



9.19

DOWNHOLE EQUIPMENT

6–3/4 in. PowerPulse*

MDC: 401–AB
MEC: 1542–BB
MDI: 1559–BC
MGR: 521–AA
DHS: 7.0C00

D&I — 19.43

GR — 18.78



23.67

6–5/8 in. NM Pony
S/N: ASS15700



15.31

6–7/16 in. NM Pony
S/N: 9612058



13.75

8–3/8 in. NM Roller Reamer
S/N: GU2299



11.29

7 in. PowerPak* Motor
A700GT 7:8
S/N: N7268
1.22 deg. Bent Housing
8–3/8 in. Motor Sleeve



9.19

Smith PDC Bit
OD: 8-1/2 in.
S73PX S/N: JT6967

Maximum string diameter 8.50 in.
All lengths in Meters

Smith PDC Bit
OD: 8-1/2 in.
S73PX S/N: JT6967

Maximum string diameter 8.50 in.
All lengths in Meters

Reed Hycalog PDC Bit
OD: 8-1/2 in.
RSX163 S/N: 207942

Maximum string diameter 8.50 in.
All lengths in Meters

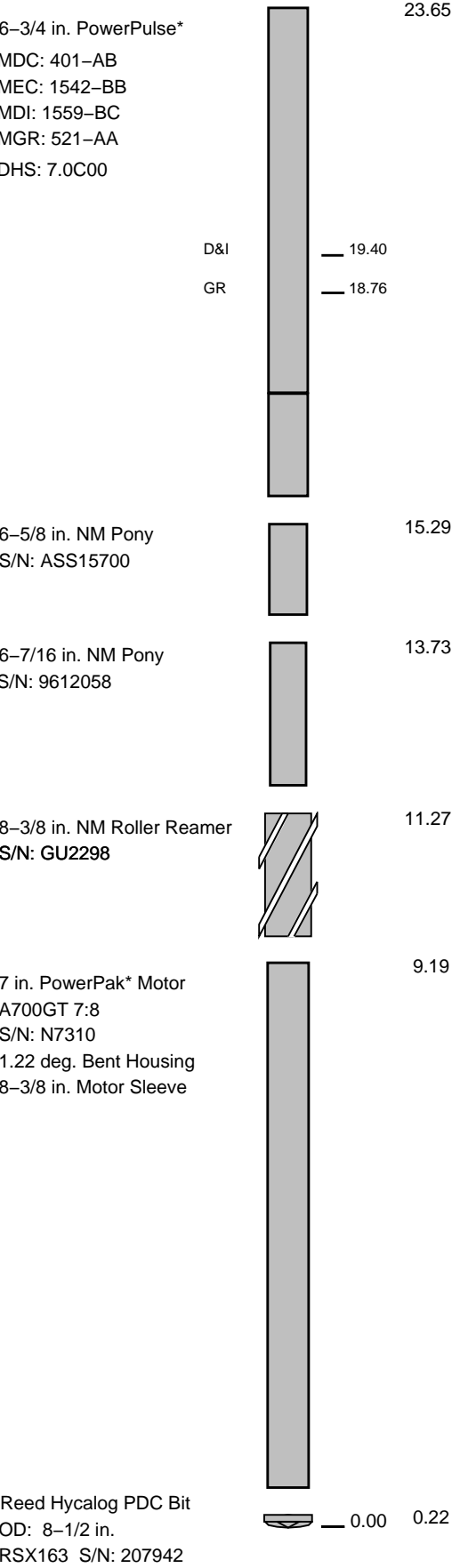
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OTHER SERVICES FOR RUN4 Directional Drilling Directional Surveys	OTHER SERVICES FOR RUN	OTHER SERVICES FOR RUN
REMARKS: RUN NUMBER 4 8-1/2 in. hole was drilled from 2630.0m to 3283.0m MD. Depth is referenced to Driller's Depth. Gamma Ray corrected for Tool Size, Bit Size and Mud Weight. Mud Type is KCl/PHPA/Glycol. POOH due to TD of TNA A15A.	REMARKS: RUN NUMBER	REMARKS: RUN NUMBER
Thank You for Choosing Schlumberger		

EQUIPMENT DESCRIPTION

RUN4	RUN	RUN
DOWNHOLE EQUIPMENT		



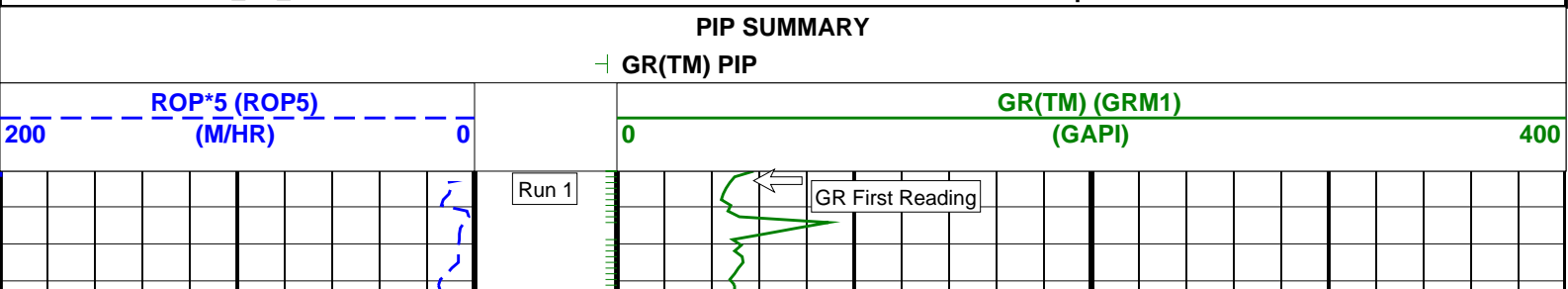
Maximum string diameter 8.50 in.
All lengths in Meters

Bit Run Summary

Run number		1	2	3	4					
Bit size	in.	8.5	8.5	8.5	8.5					
Bit start depth	m	560.0	1413.0	2475.0	2630.0					
Bit end depth	m	1413.0	2475.0	2630.0	3283.0					
Top interval logged	m	560.0	1394.2	2456.2	2610.6					
Bottom interval logged	m	1394.2	2456.2	2610.6	3264.2					
Begin log: time		08:50	14:03	01:21	02:04					
Begin log: date		25-Nov-04	28-Nov-04	03-Dec-04	05-Dec-04					
End log: time		00:00	18:33	21:30	12:17					
End log: date		28-Nov-04	01-Dec-04	03-Dec-04	07-Dec-04					
Mud data										
Depth	m	1411.0	2475.0	2360.0	3283.0					
Type		KCI/PHPA/Gly.	KCI/PHPA/Gly.	KCI/PHPA/Gly.	KCI/PHPA/Gly.					
Mud weight	ppg	9.9	9.9	9.9	10.0					
Solids	%	6.7	7.6	7.6	7.7					
Chlorides	mg/L	36,000	43,000	43,000	43,000					
Rm	OHMM@°C	N/A	N/A	N/A	N/A					
Rmf	OHMM@°C	N/A	N/A	N/A	N/A					
Rmc	OHMM@°C	N/A	N/A	N/A	N/A					
Potassium	%	3.8	4.2	4.2	4.1					
Environmental data										
GR										
Mud weight	ppg	9.9	9.9	9.9	10.0					
Bit size	in.	8.5	8.5	8.5	8.5					
Resistivity										
Neutron porosity										
Hole Size										
Mud weight										
Temperature										
Mud salinity										
Formation salinity										
Recording rate 1	SEC	4.36	4.36	4.36	4.36					
Recording rate 2	SEC	N/A	N/A	N/A	N/A					
Filtering GR		3 pt	3 pt	3 pt	3 pt					
Filtering density										
Filtering Neutron										
Company representative		G. Campbell	B. Steel	T.Bassett						
Anadrill personnel		K. Handley	R. Borjas	A. DeCastro	D.Hastie	C. Cocks	T. Auger			

TNA A15A RT 1:200MD

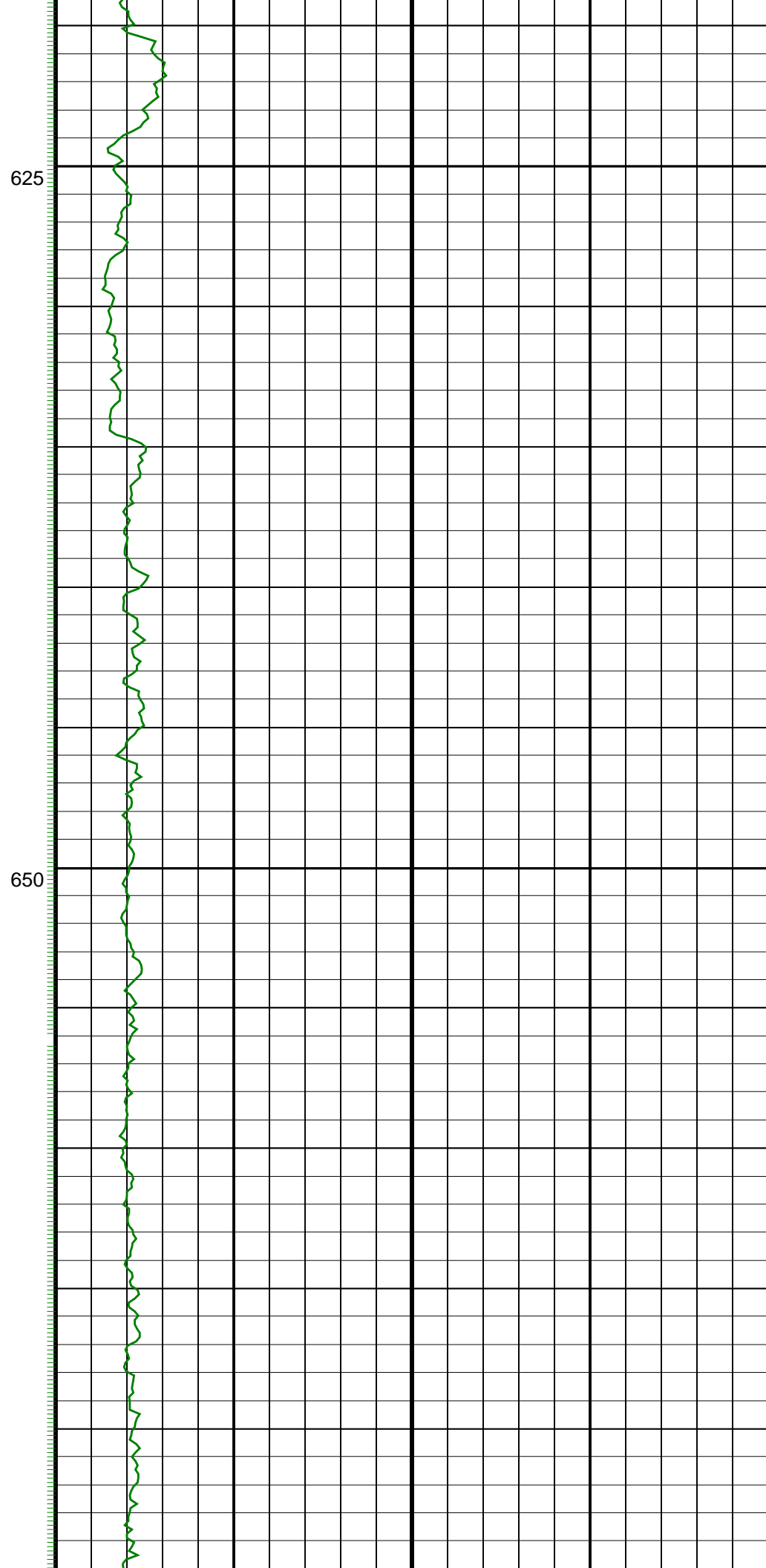
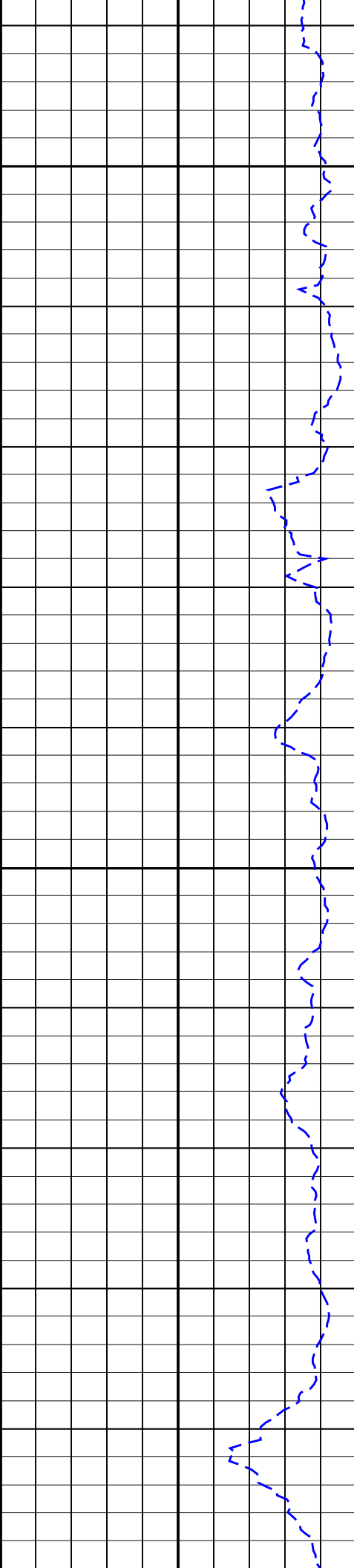
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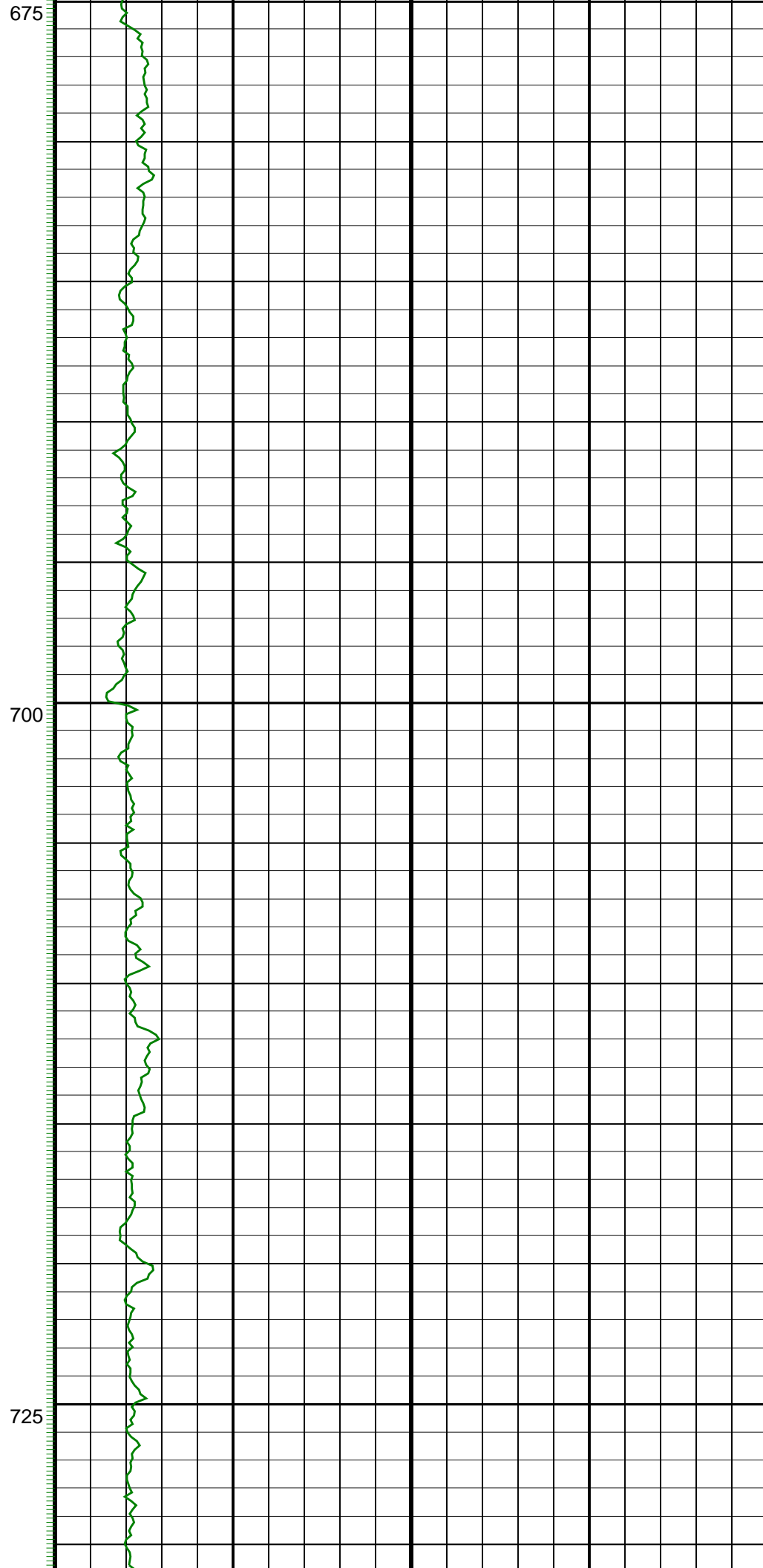
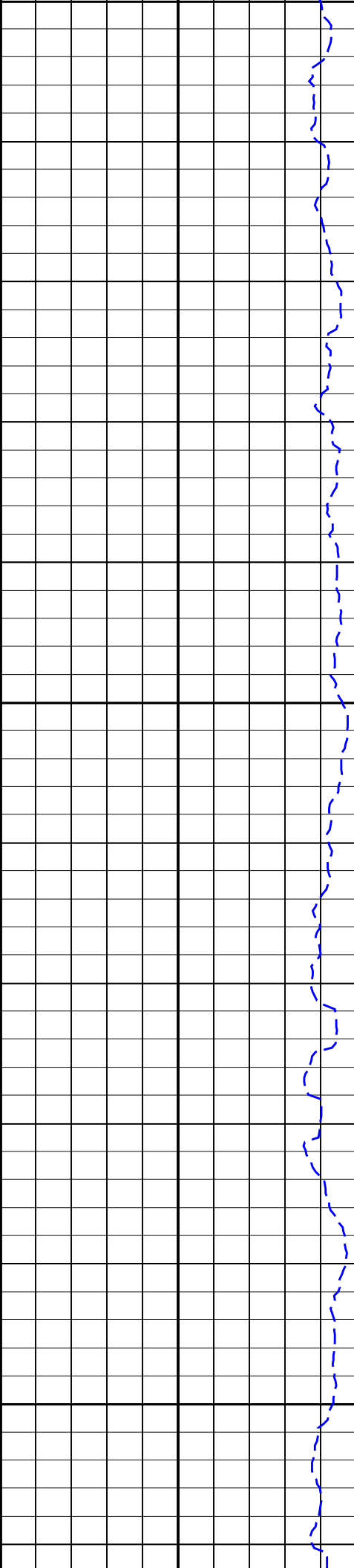


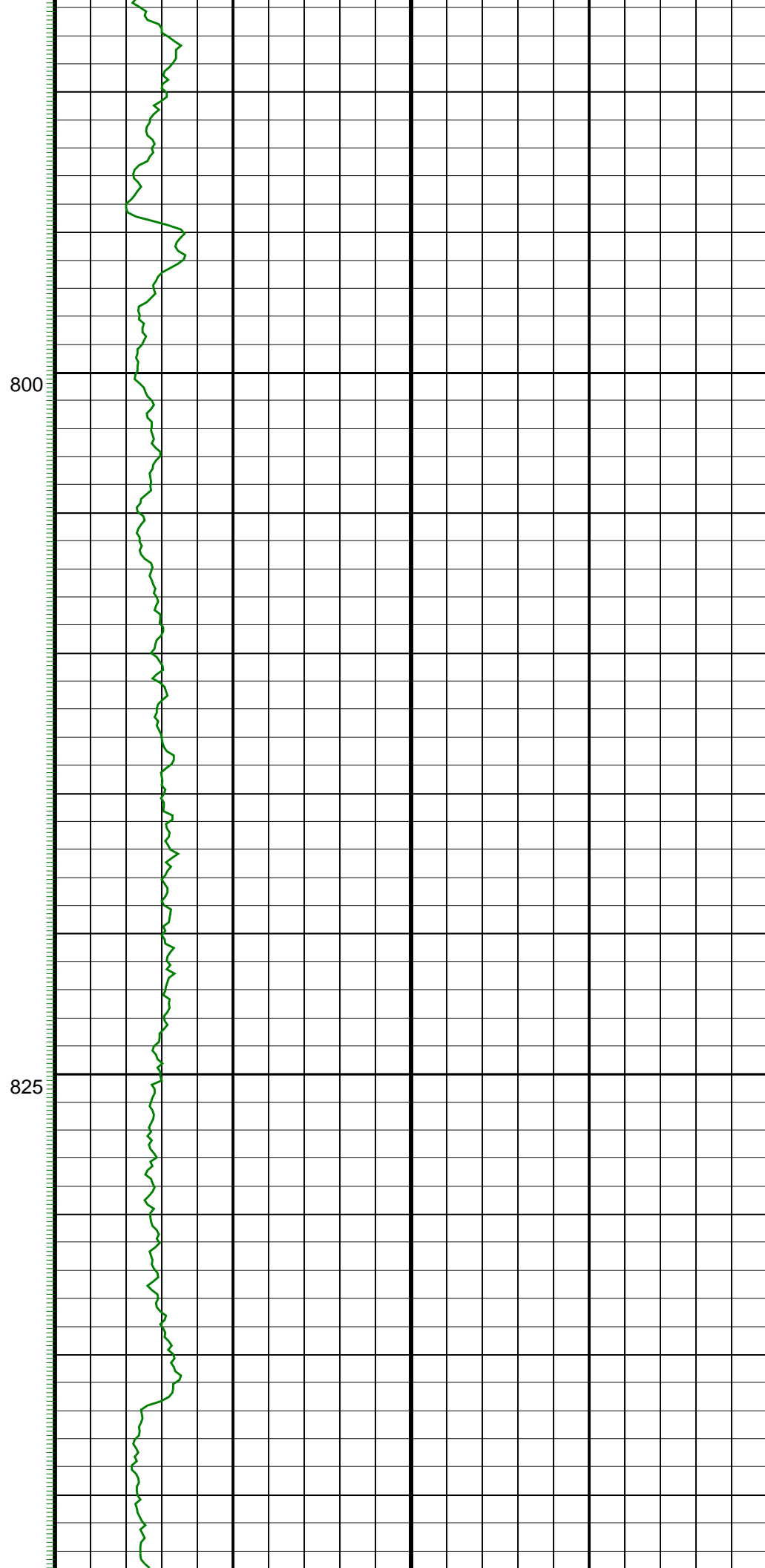
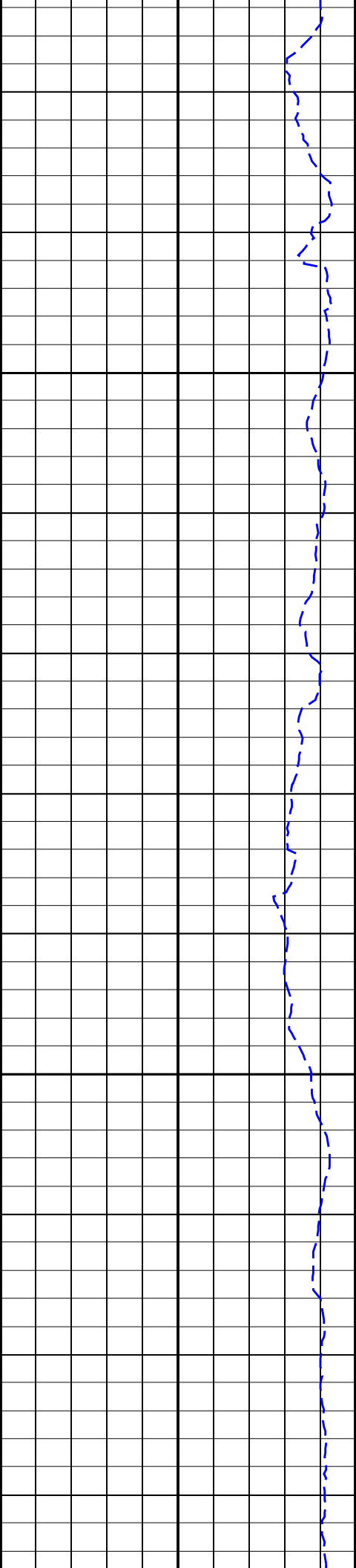


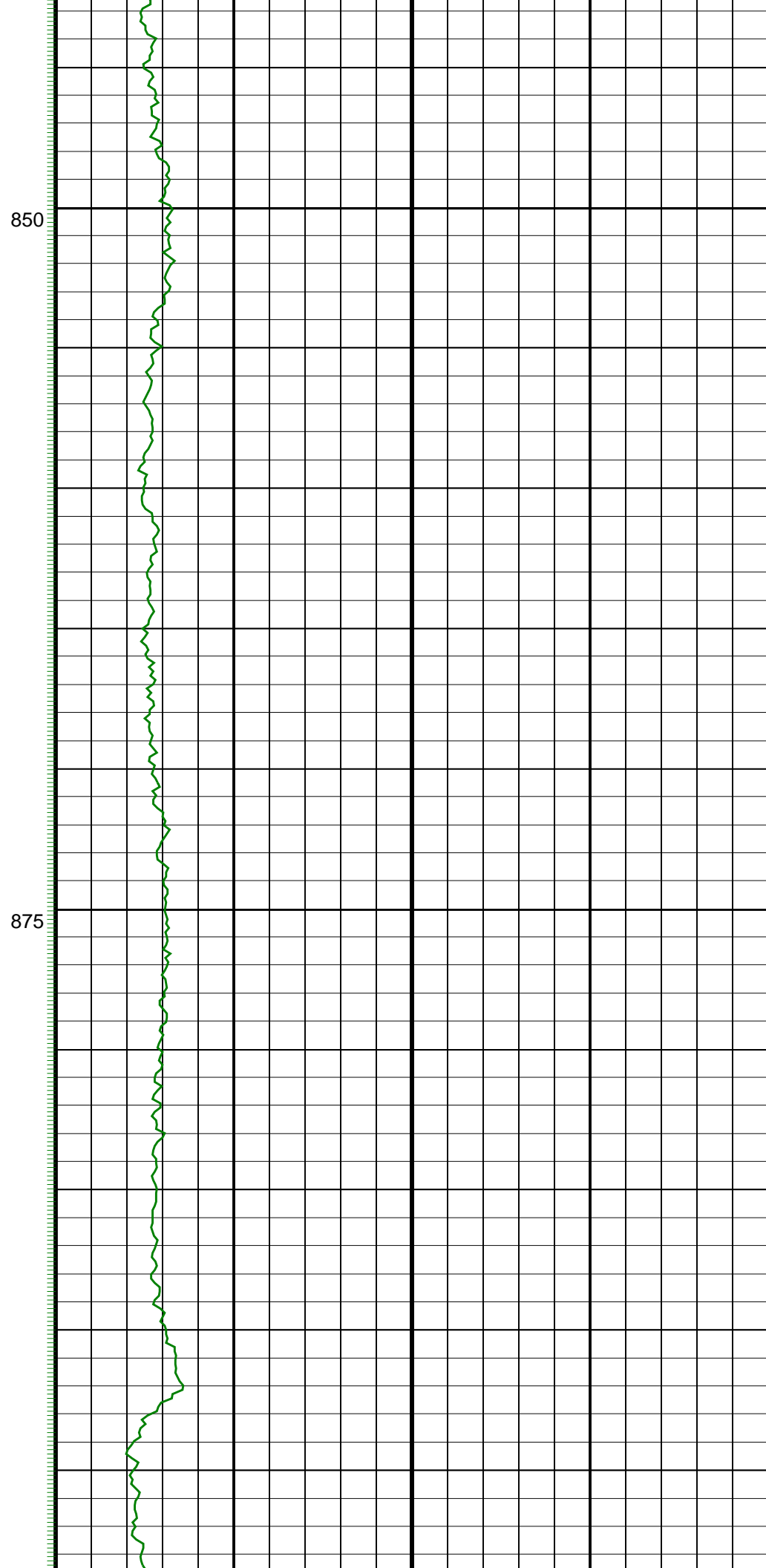
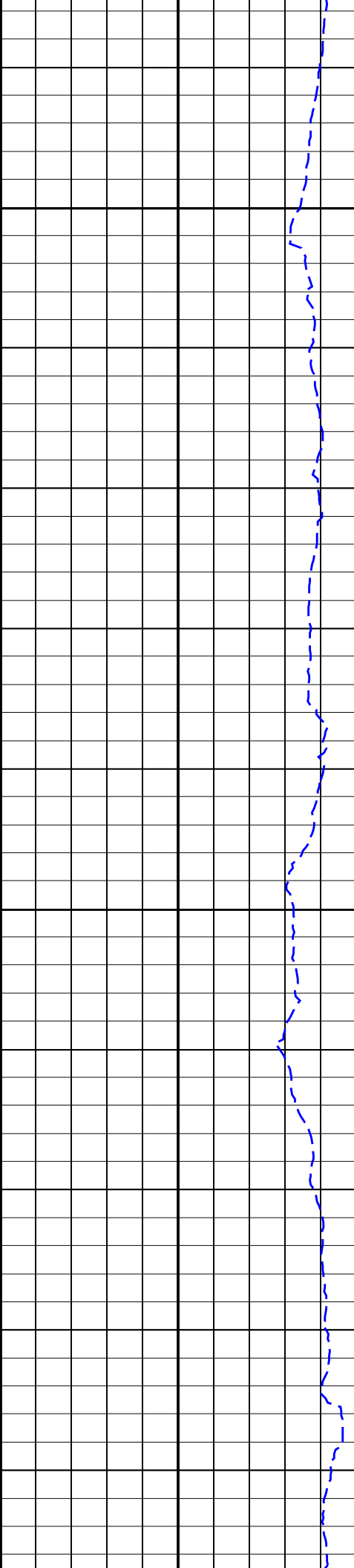
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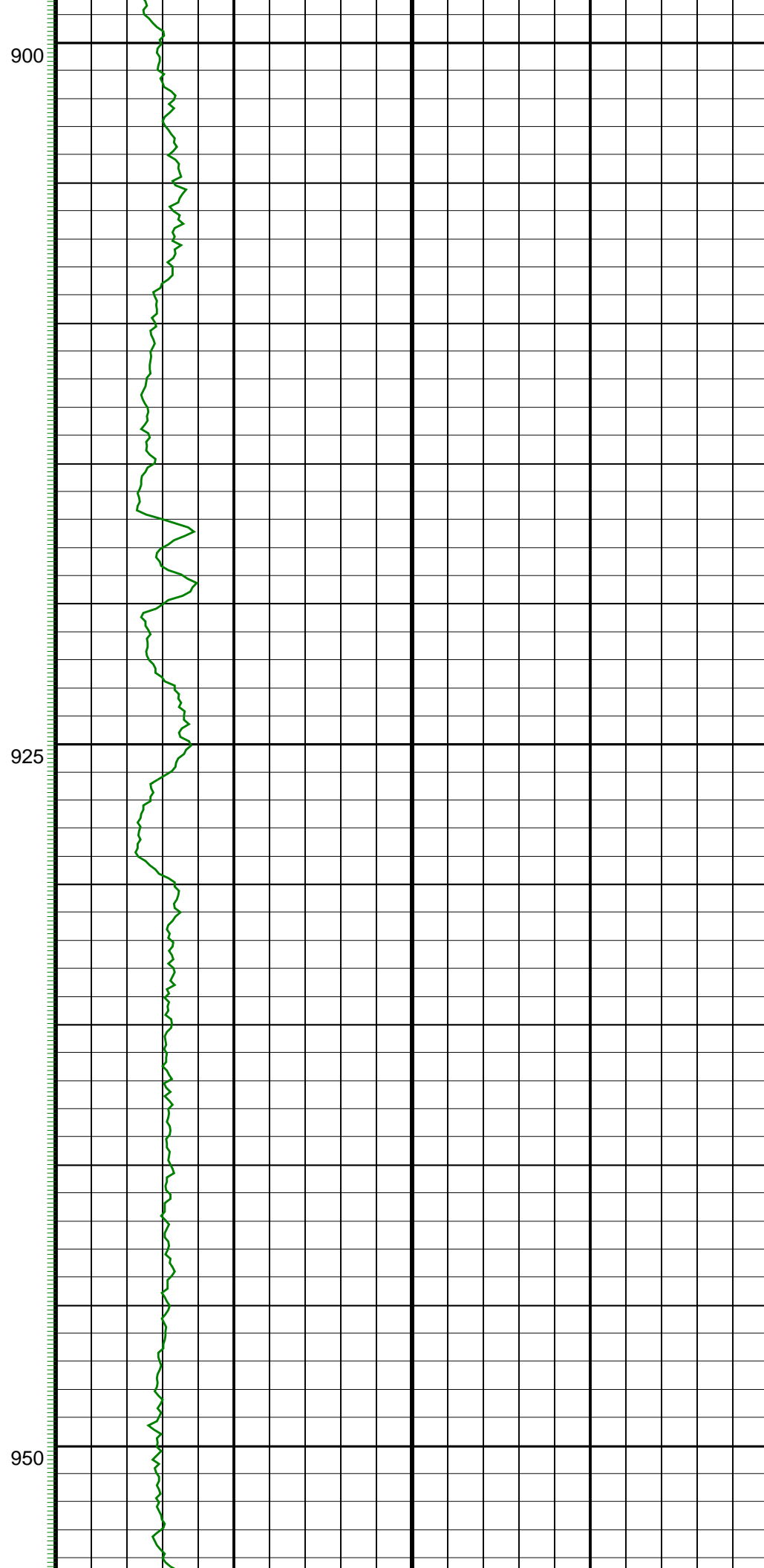
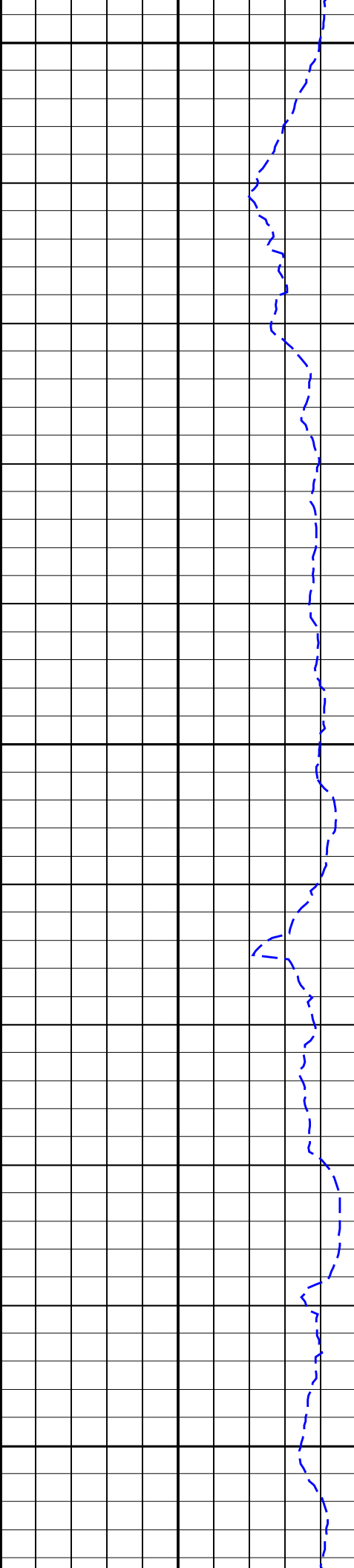
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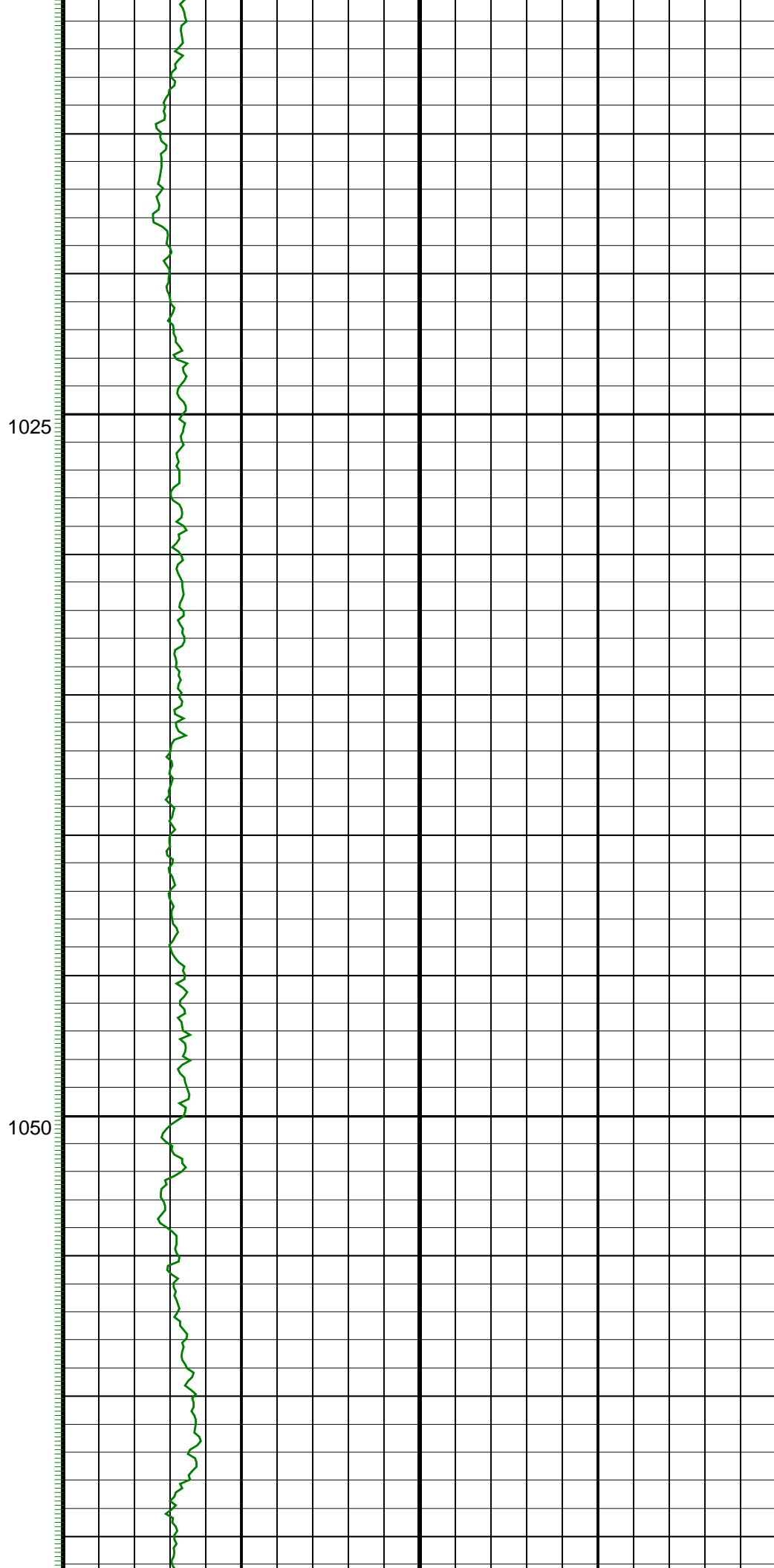
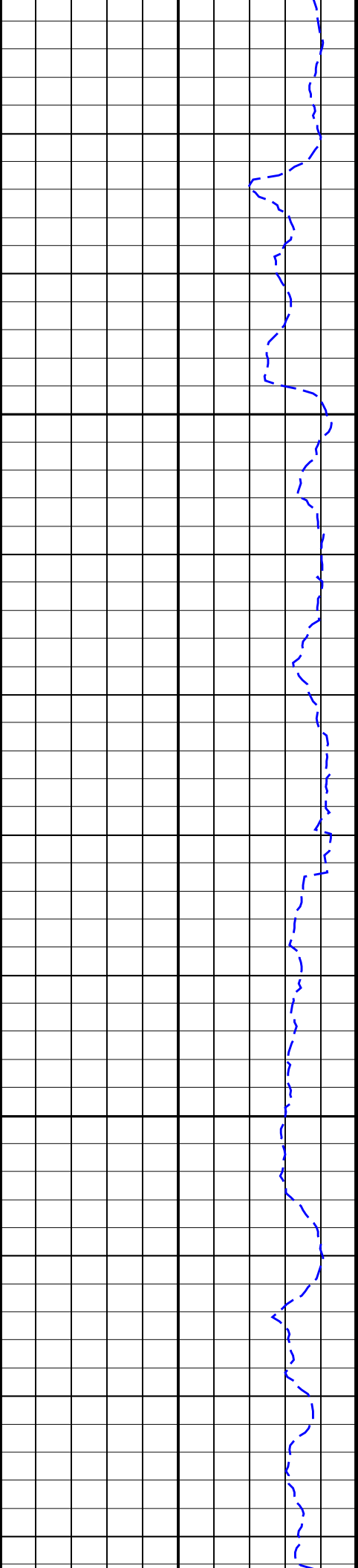


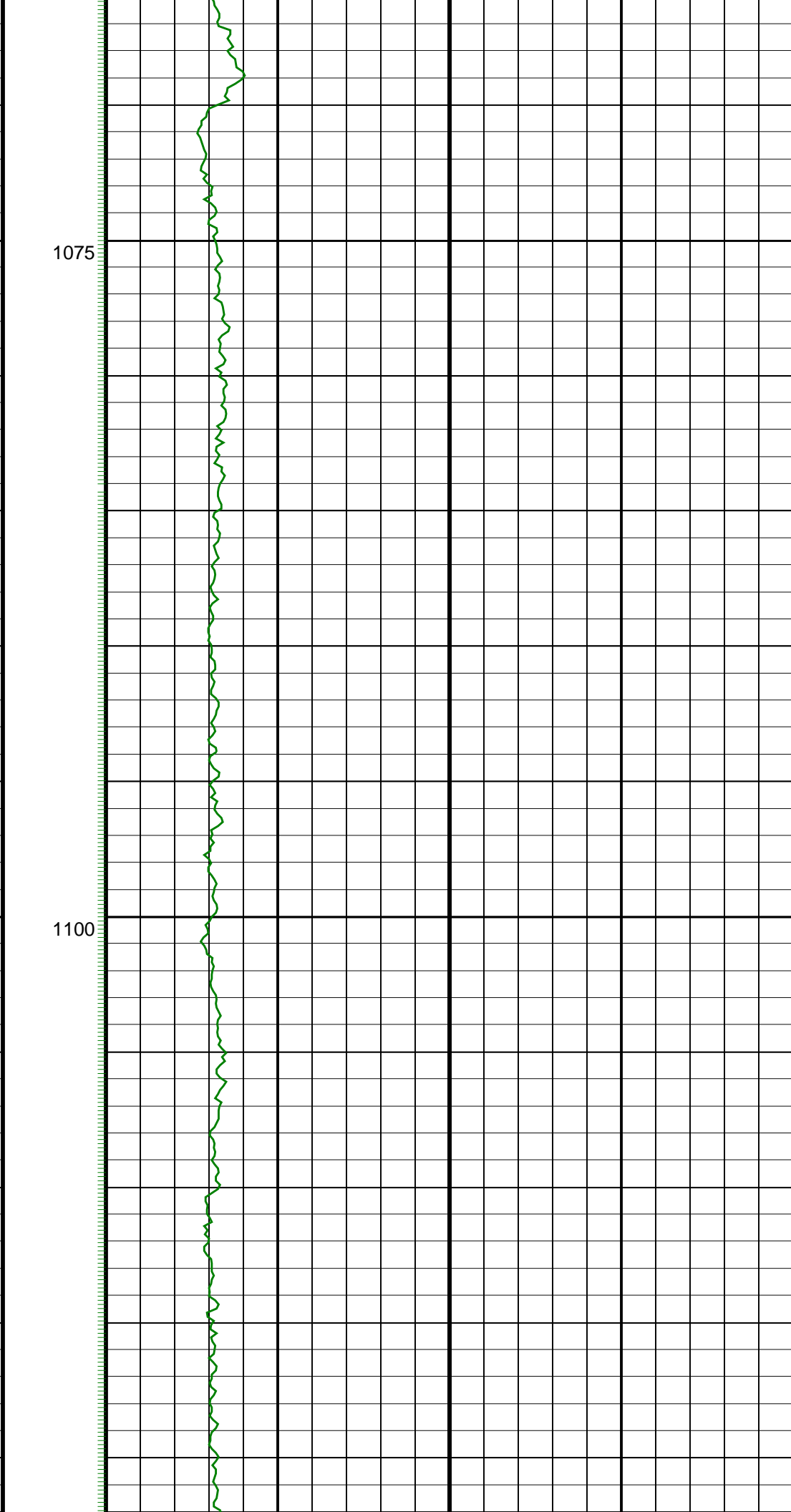
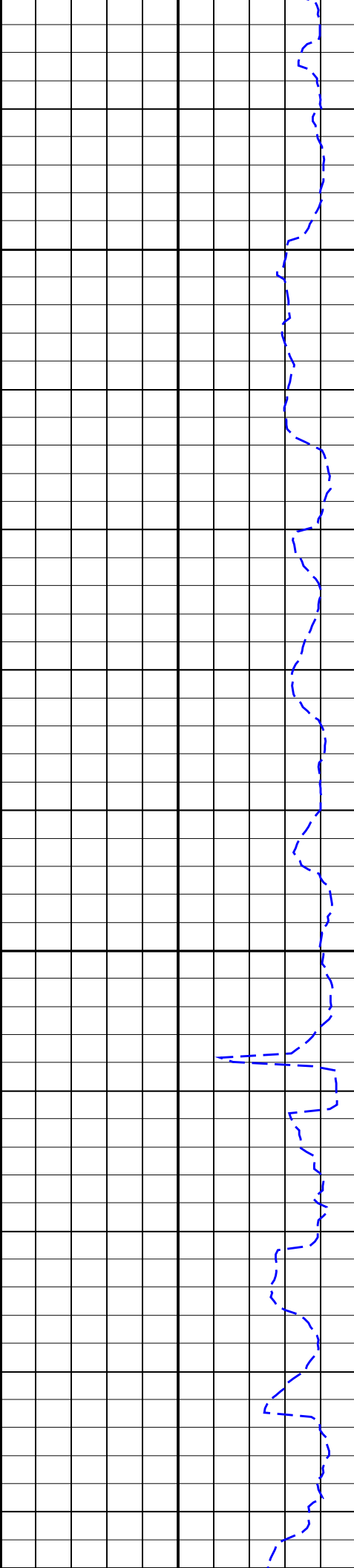


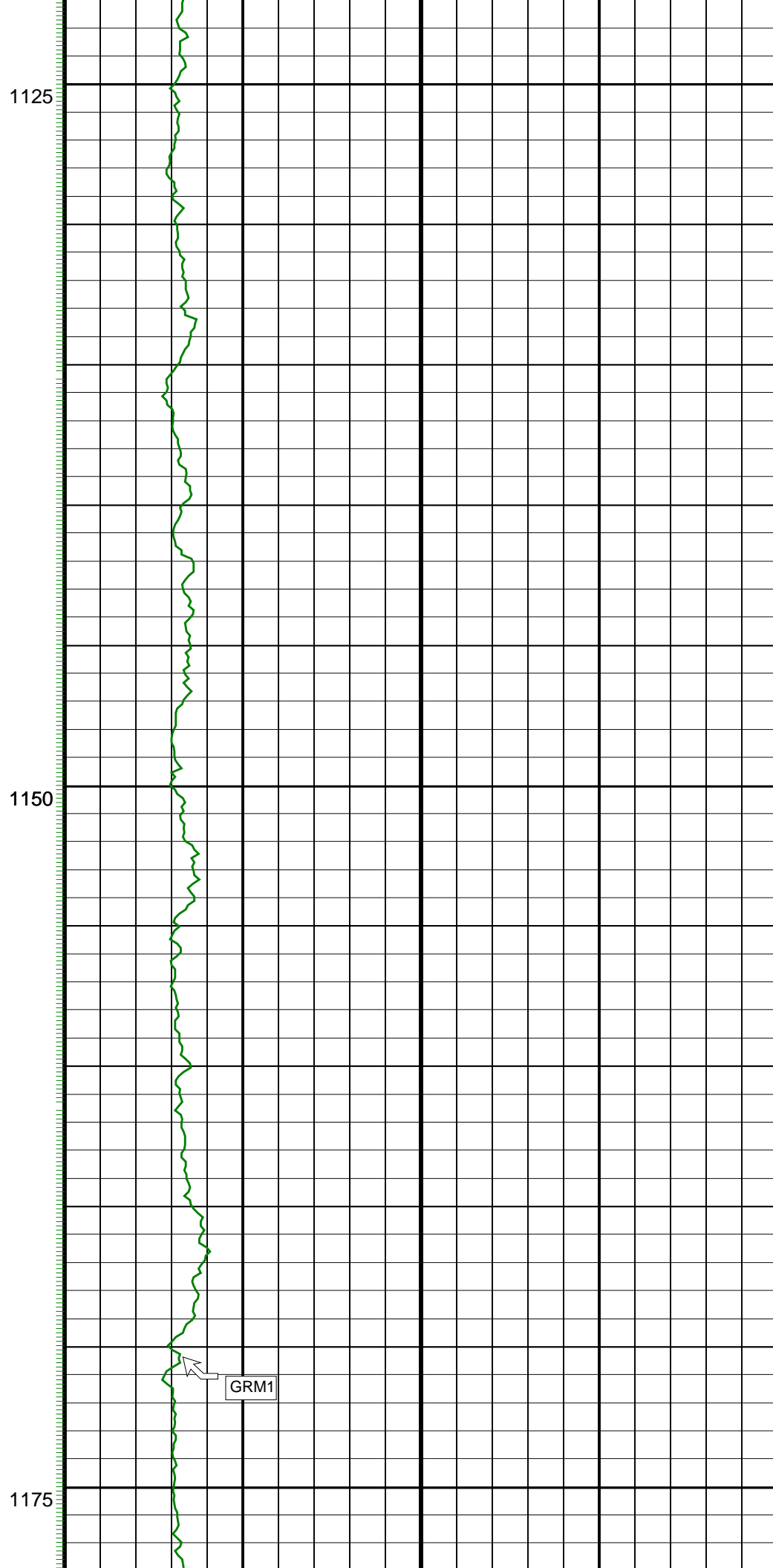
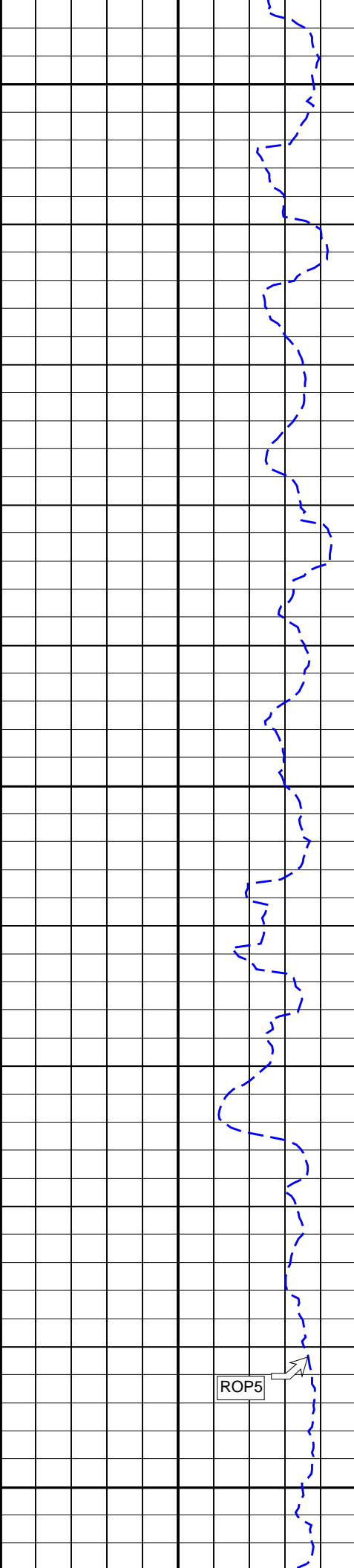


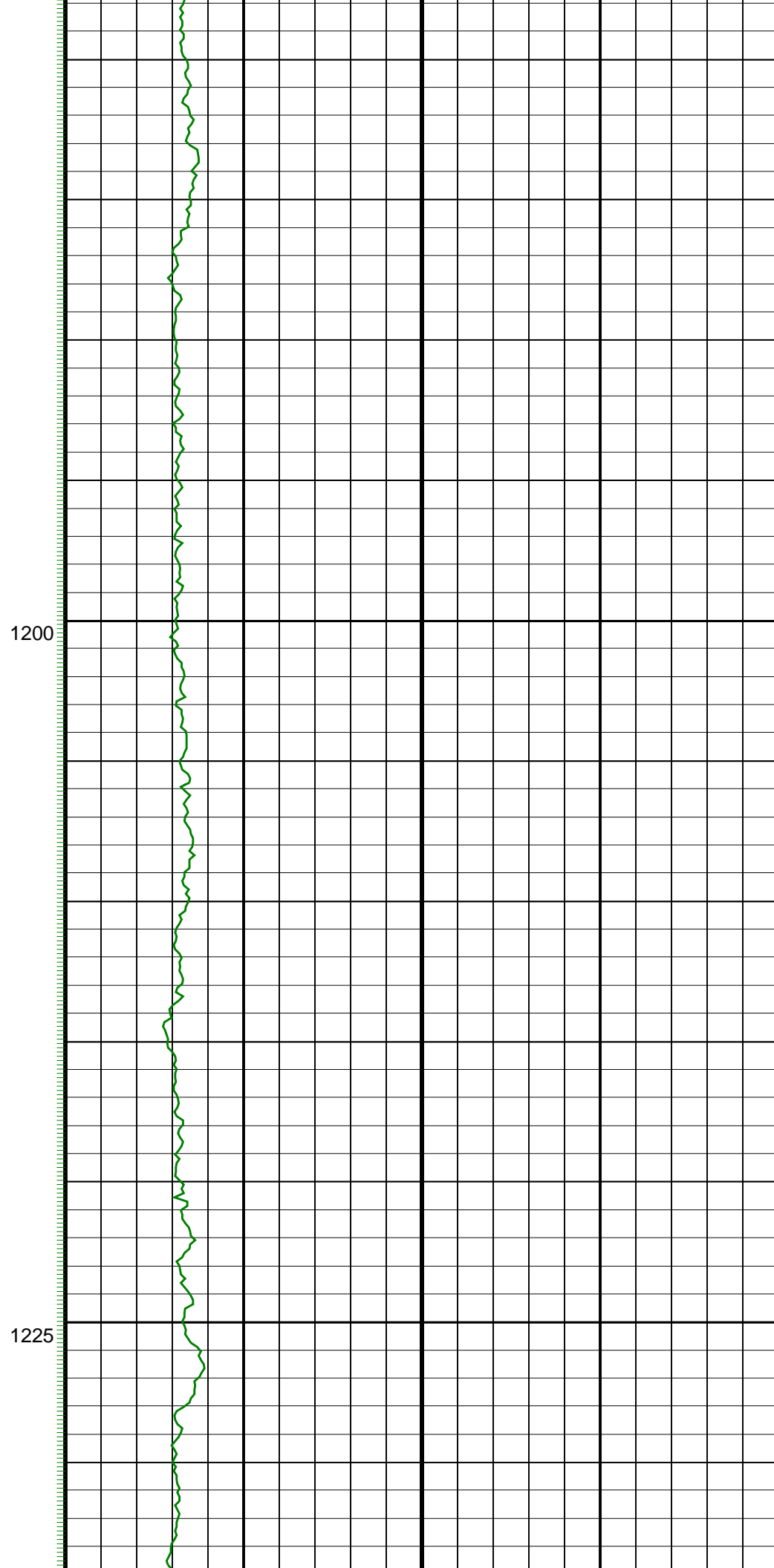
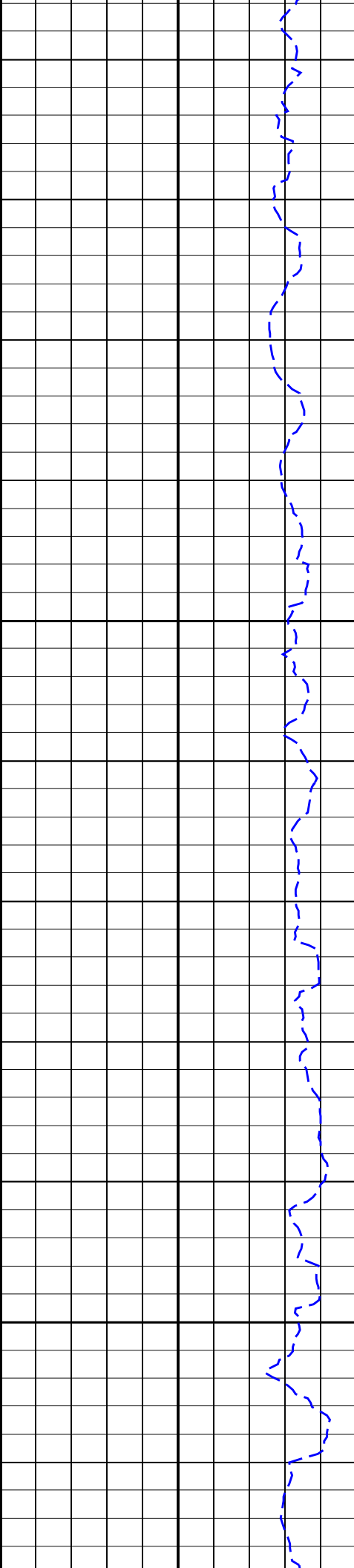


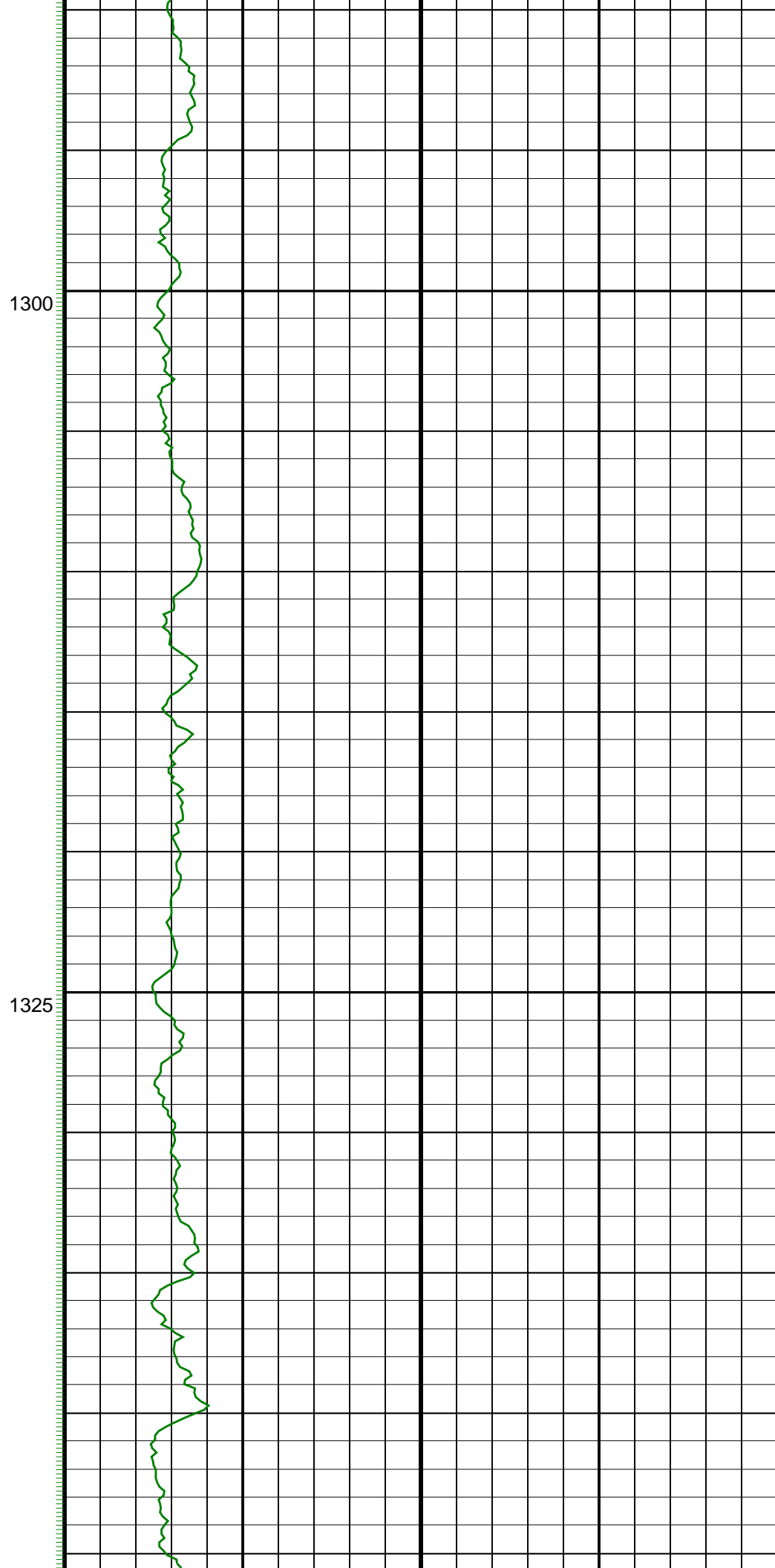
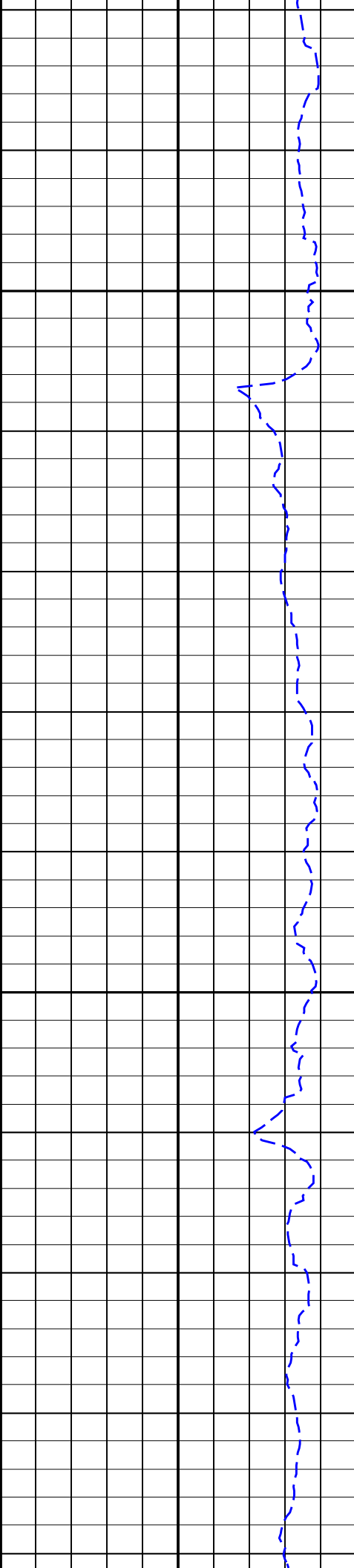
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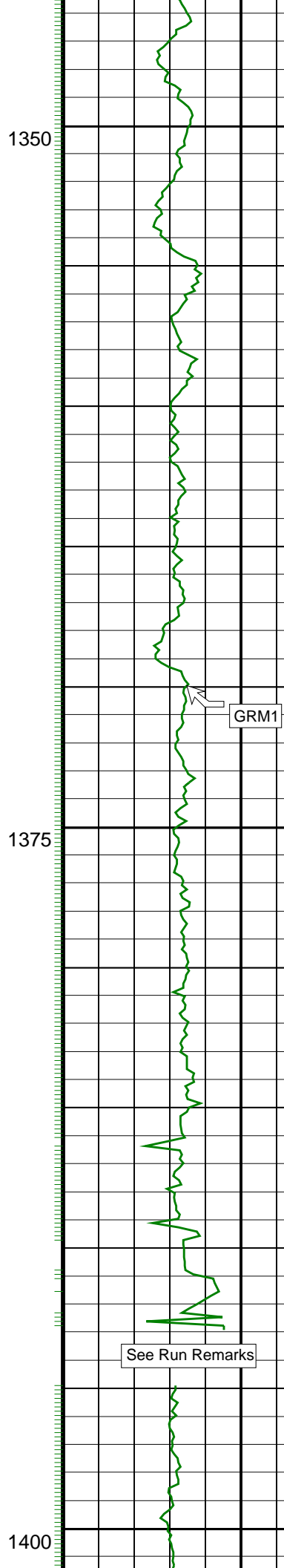
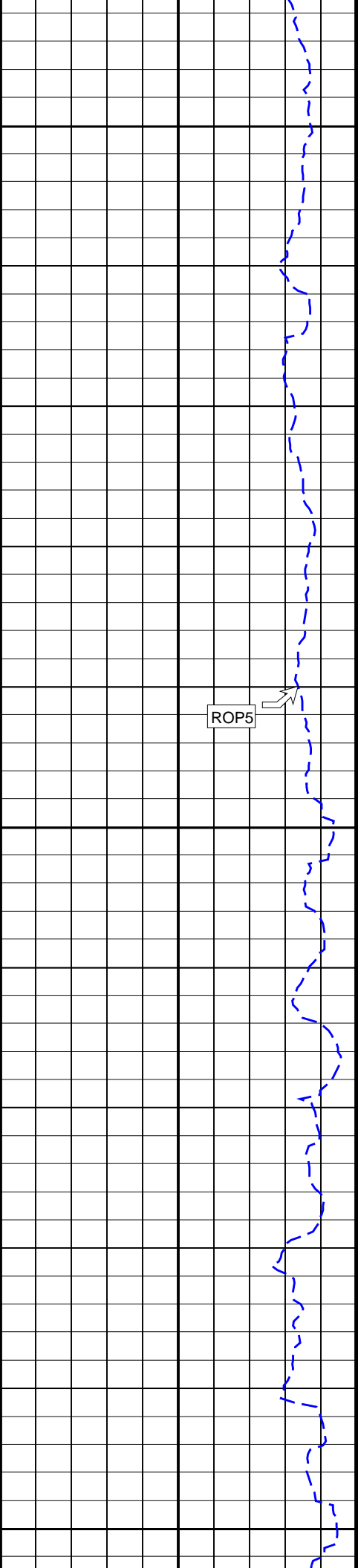


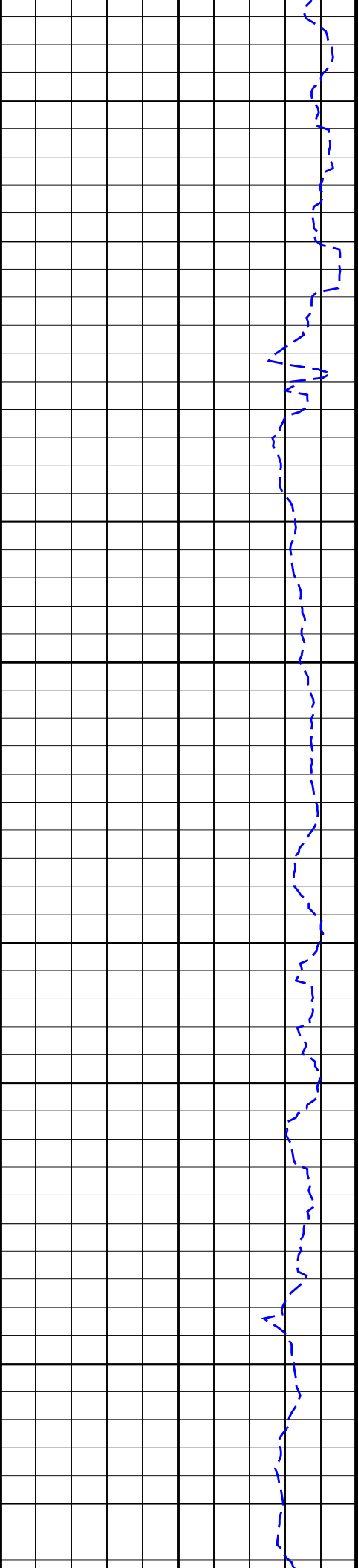








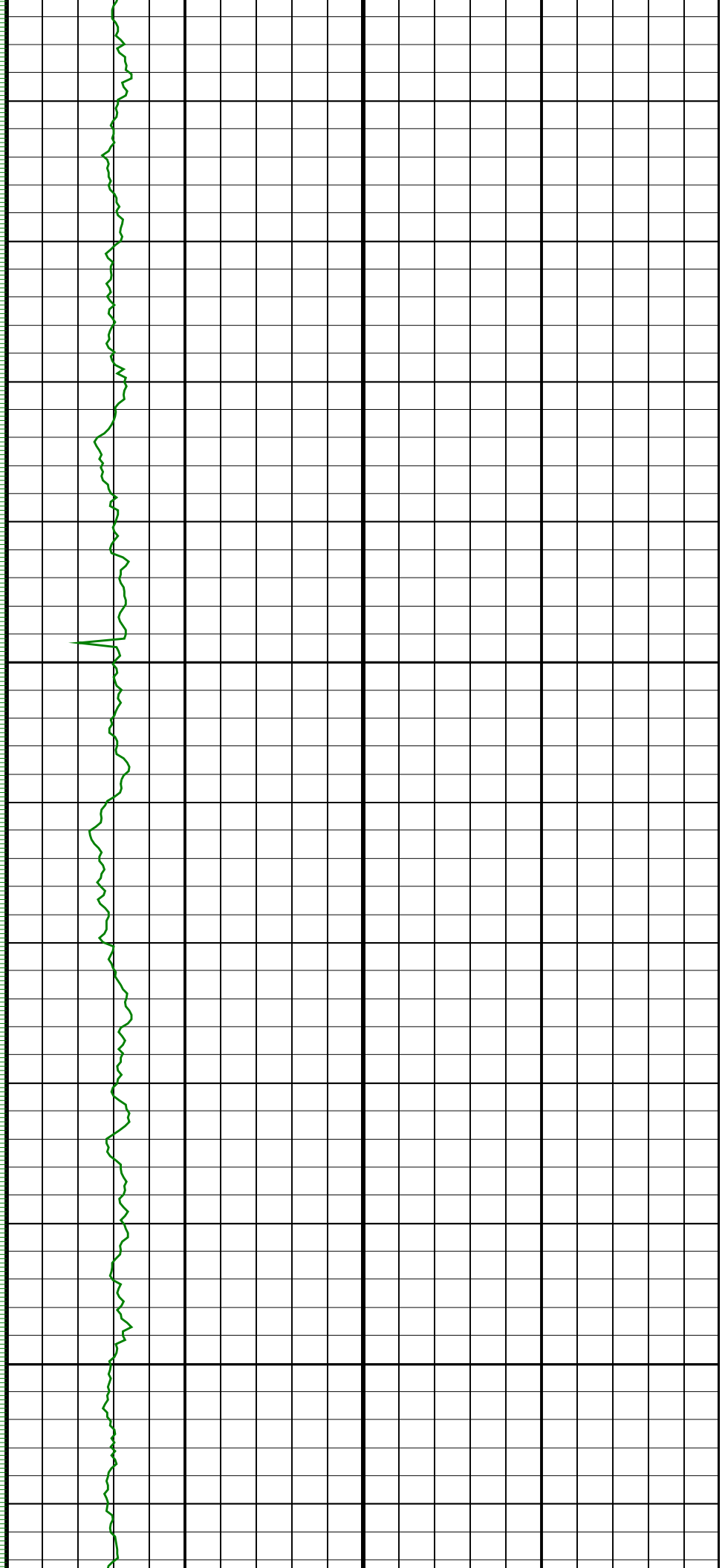


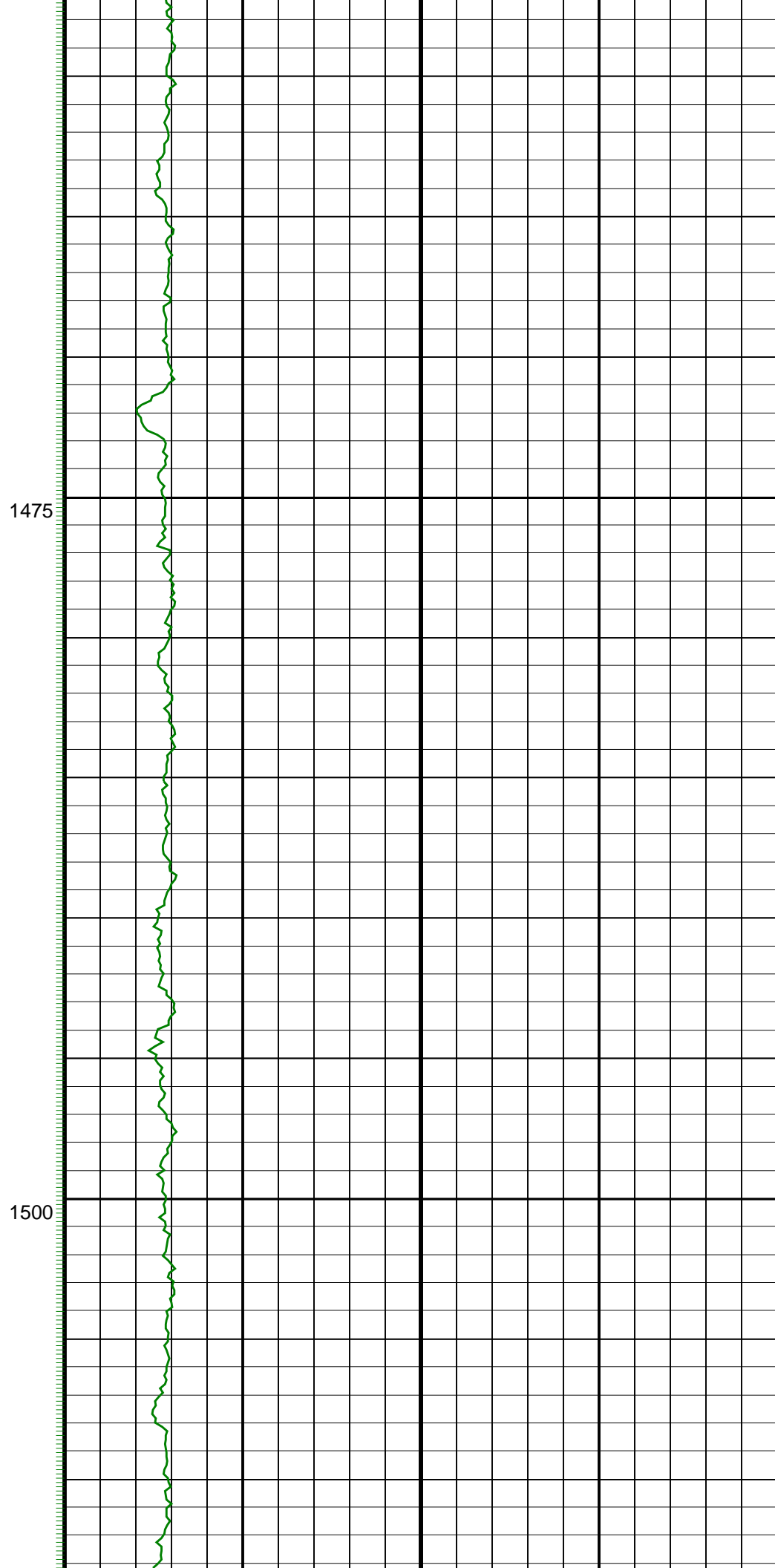
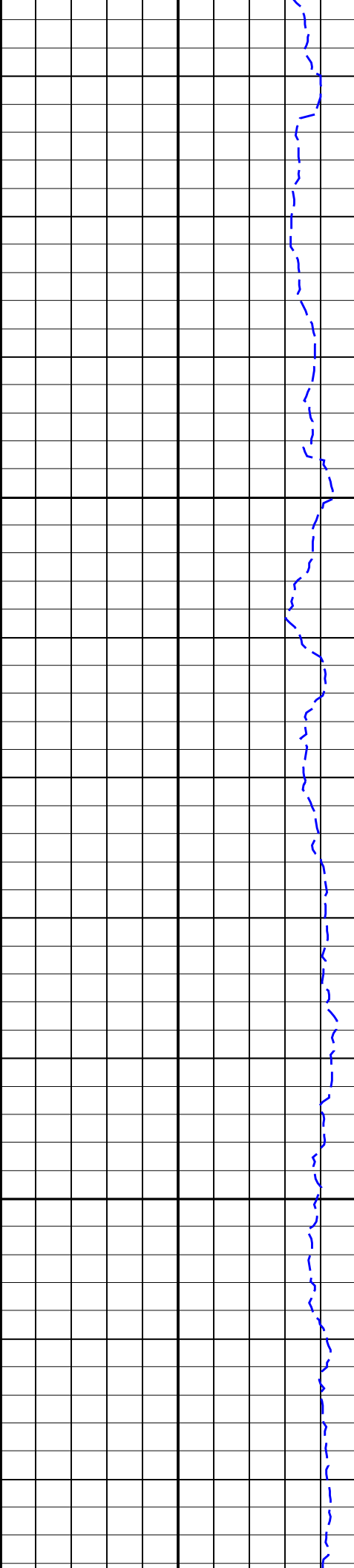


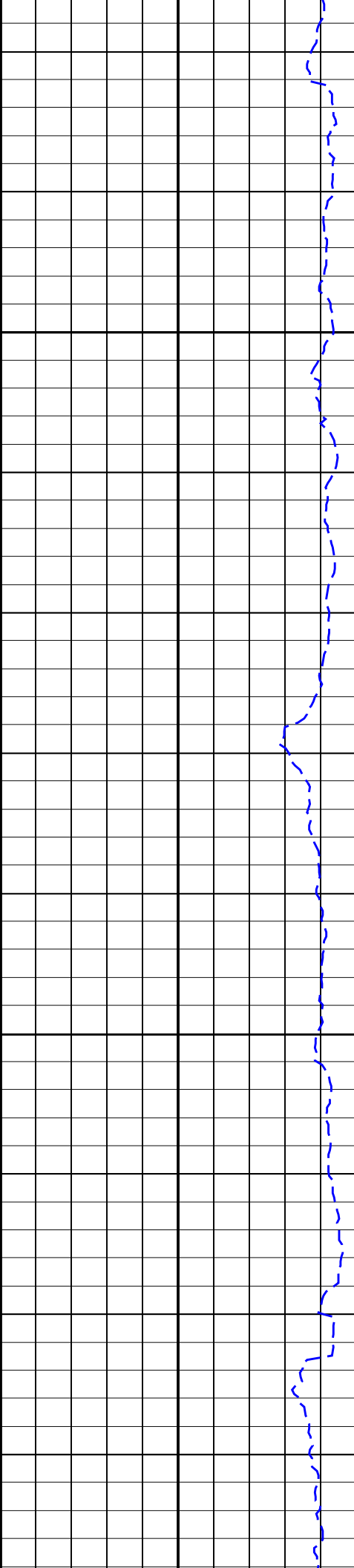
Run 2

1425

1450

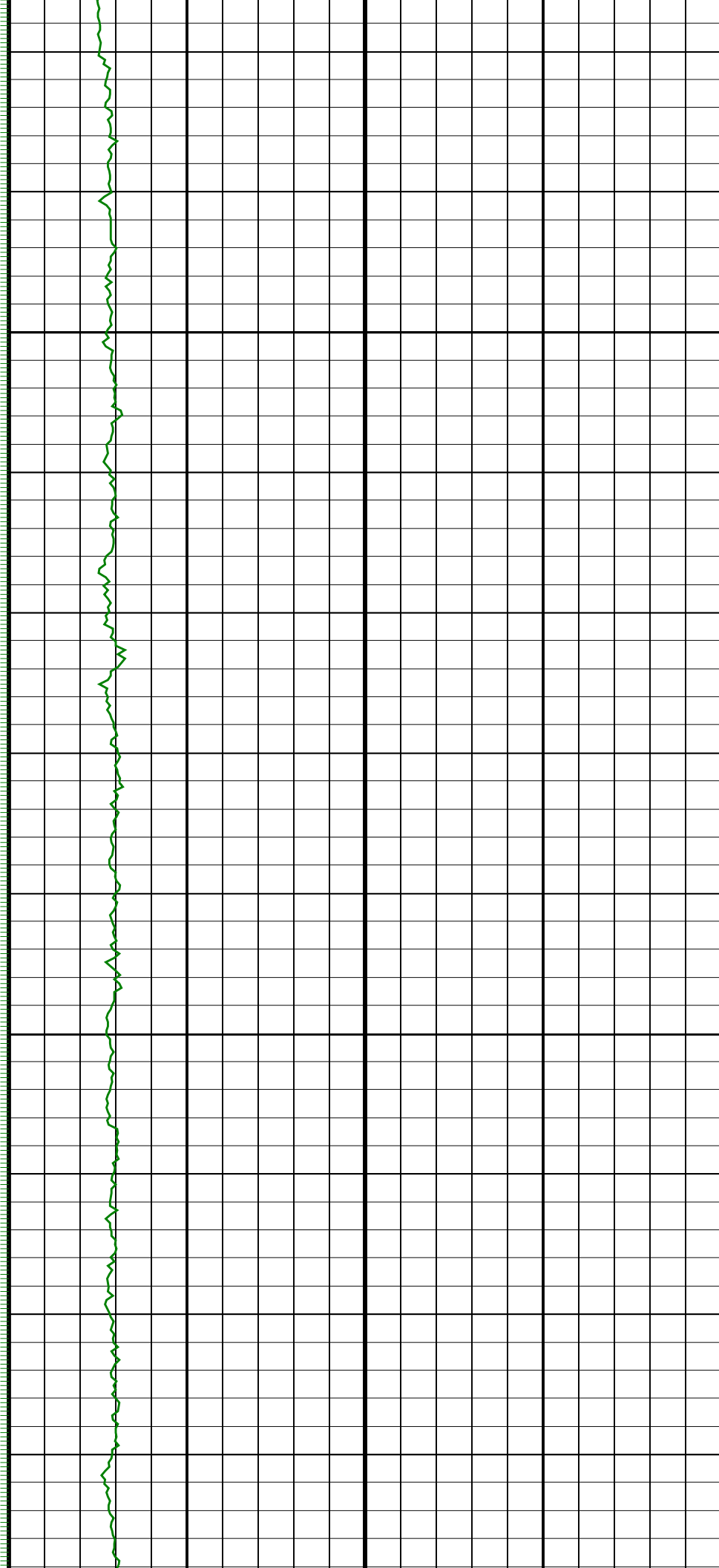


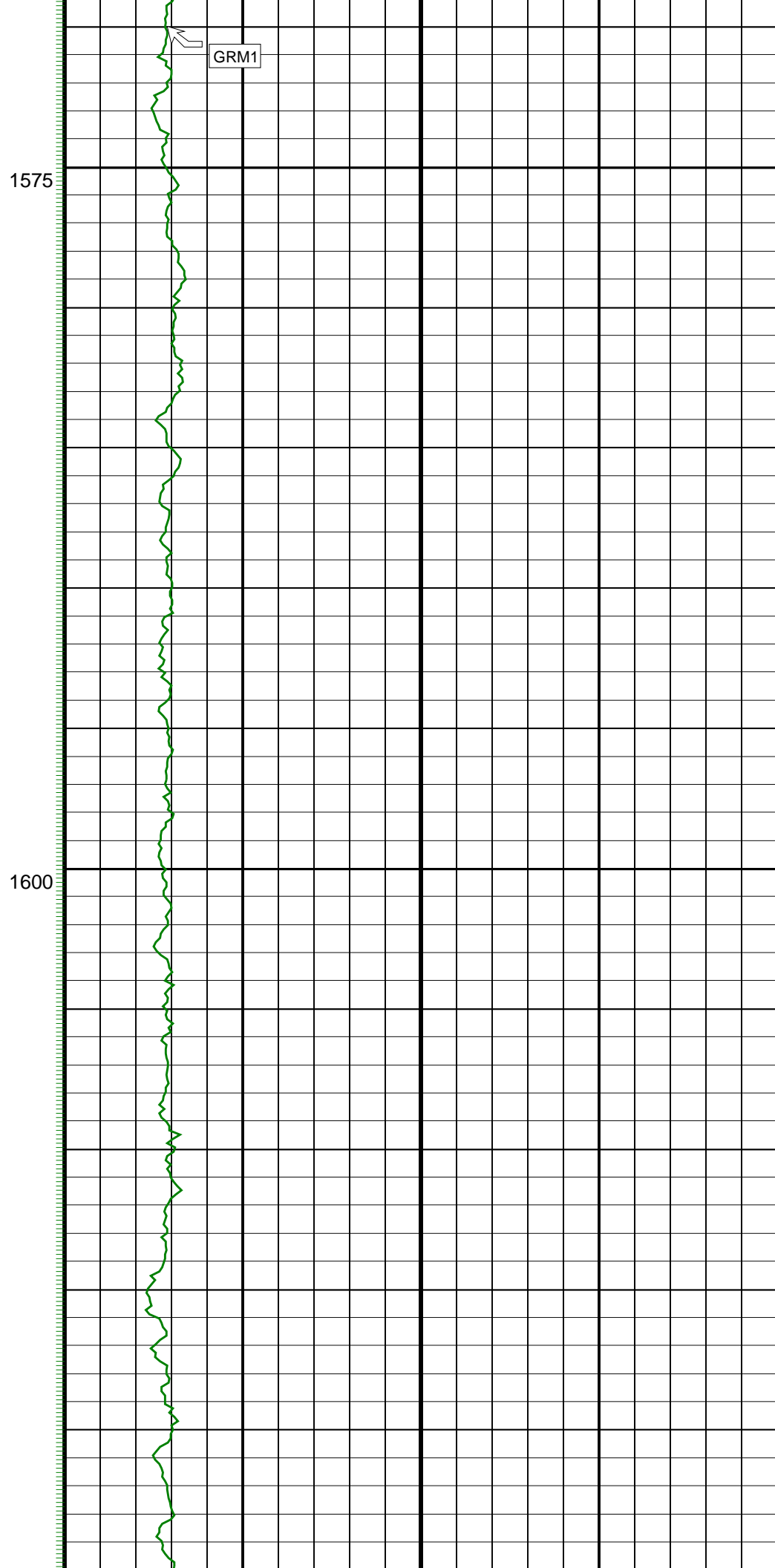
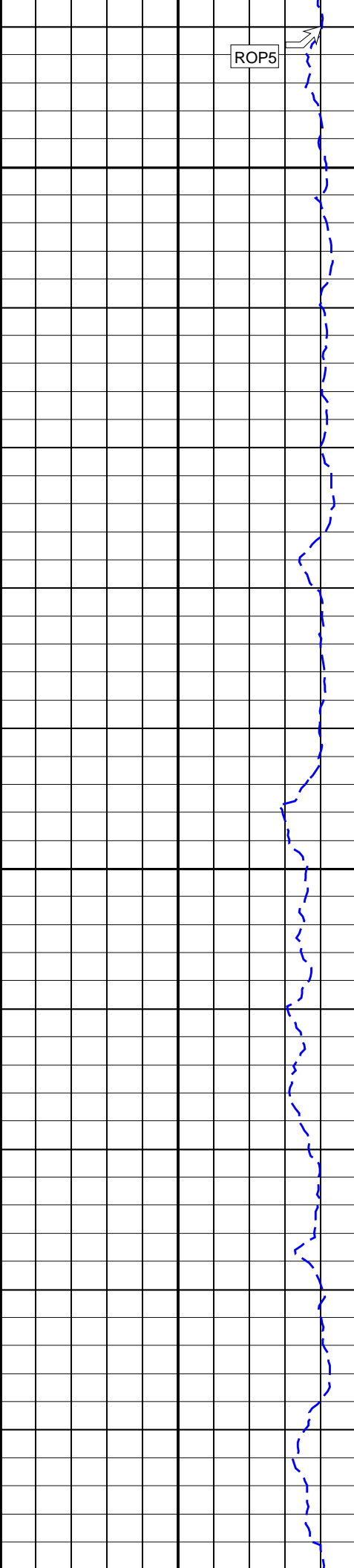


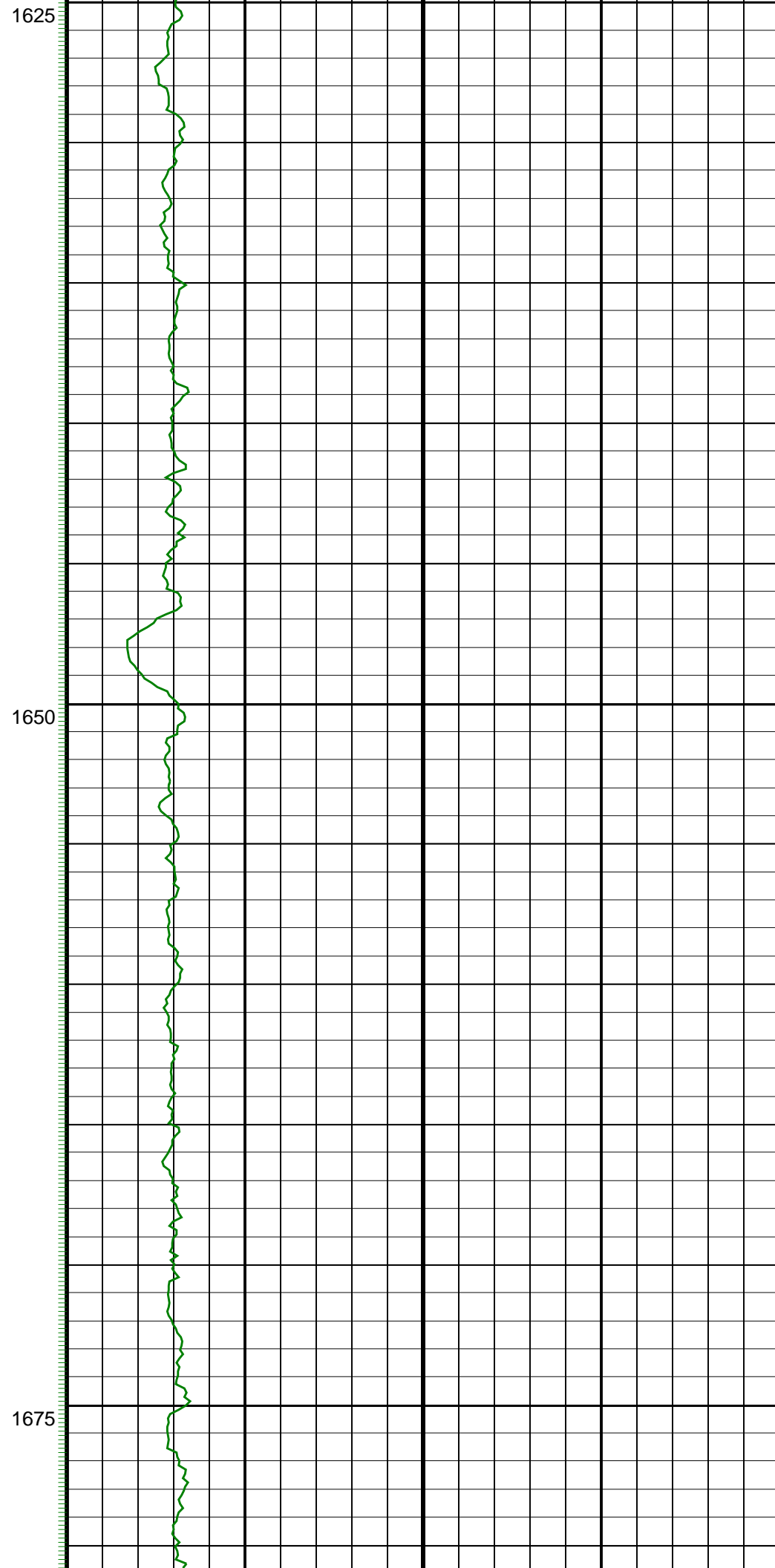
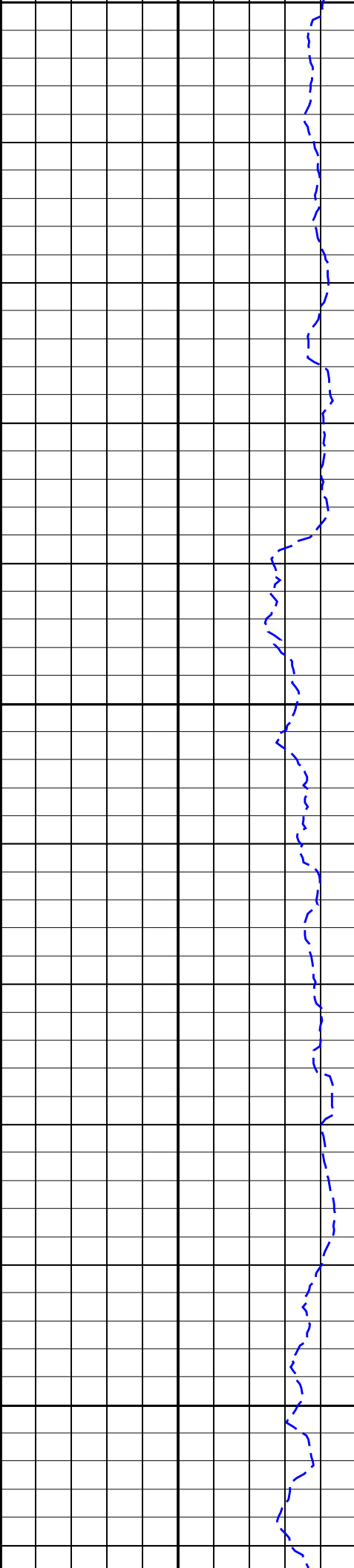


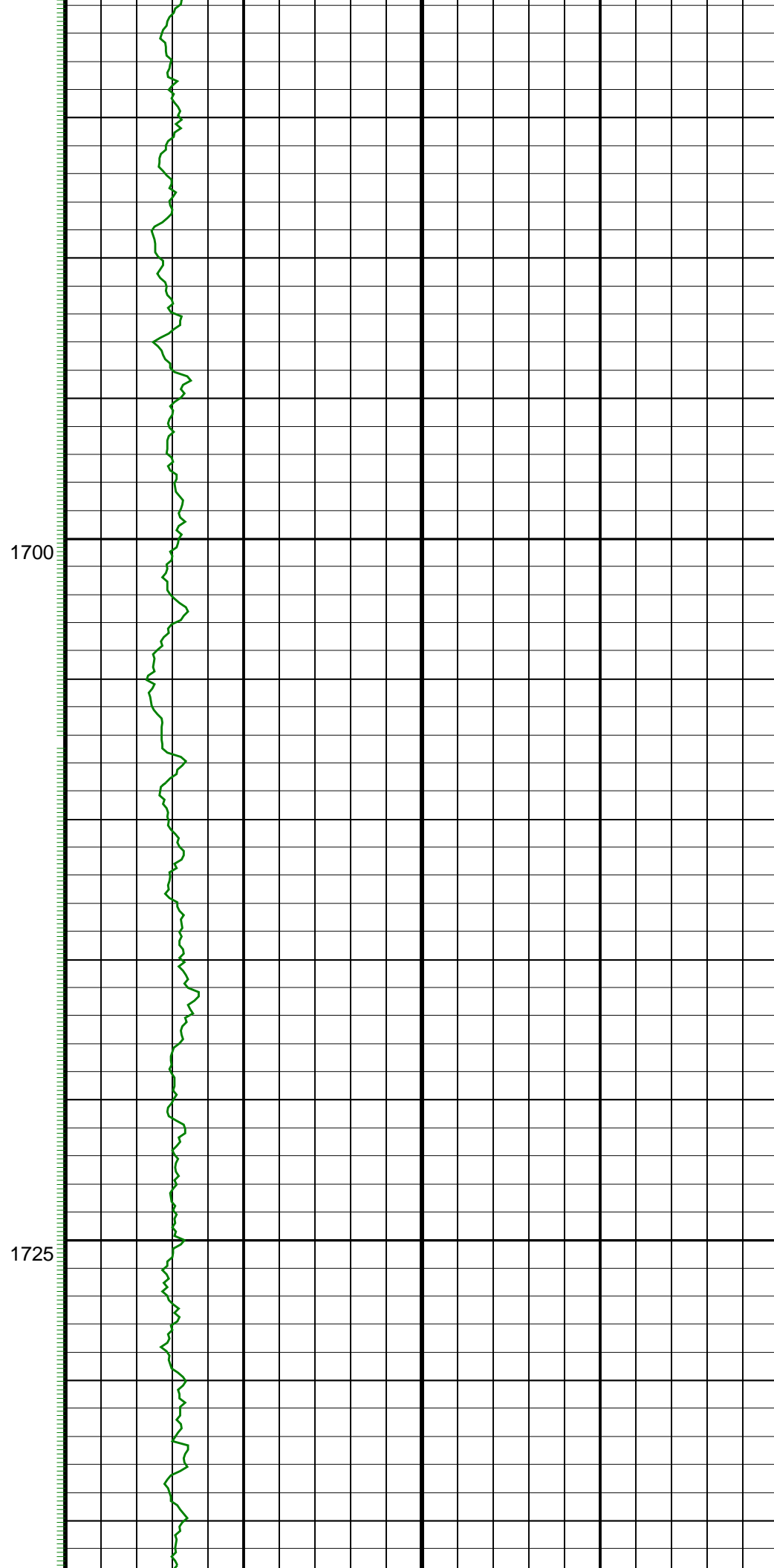
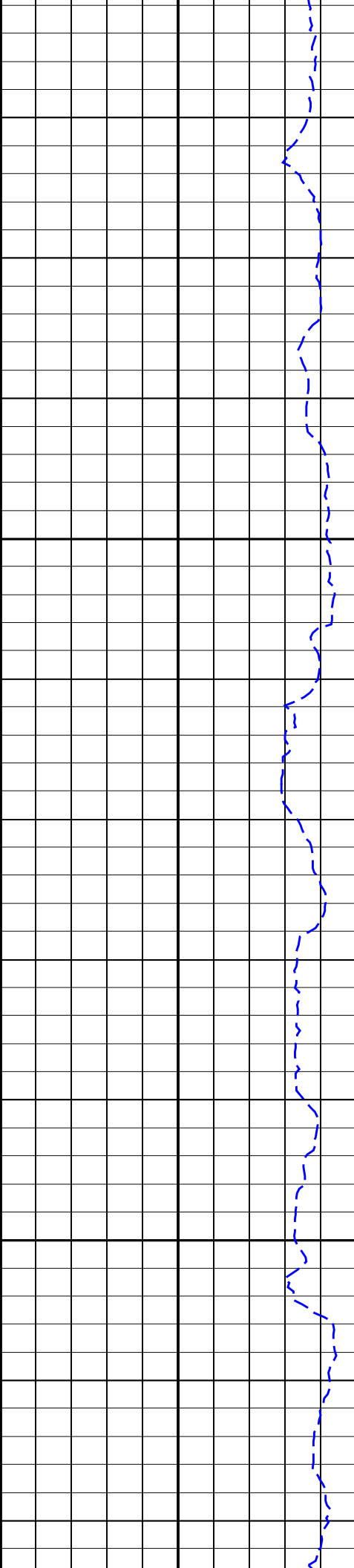
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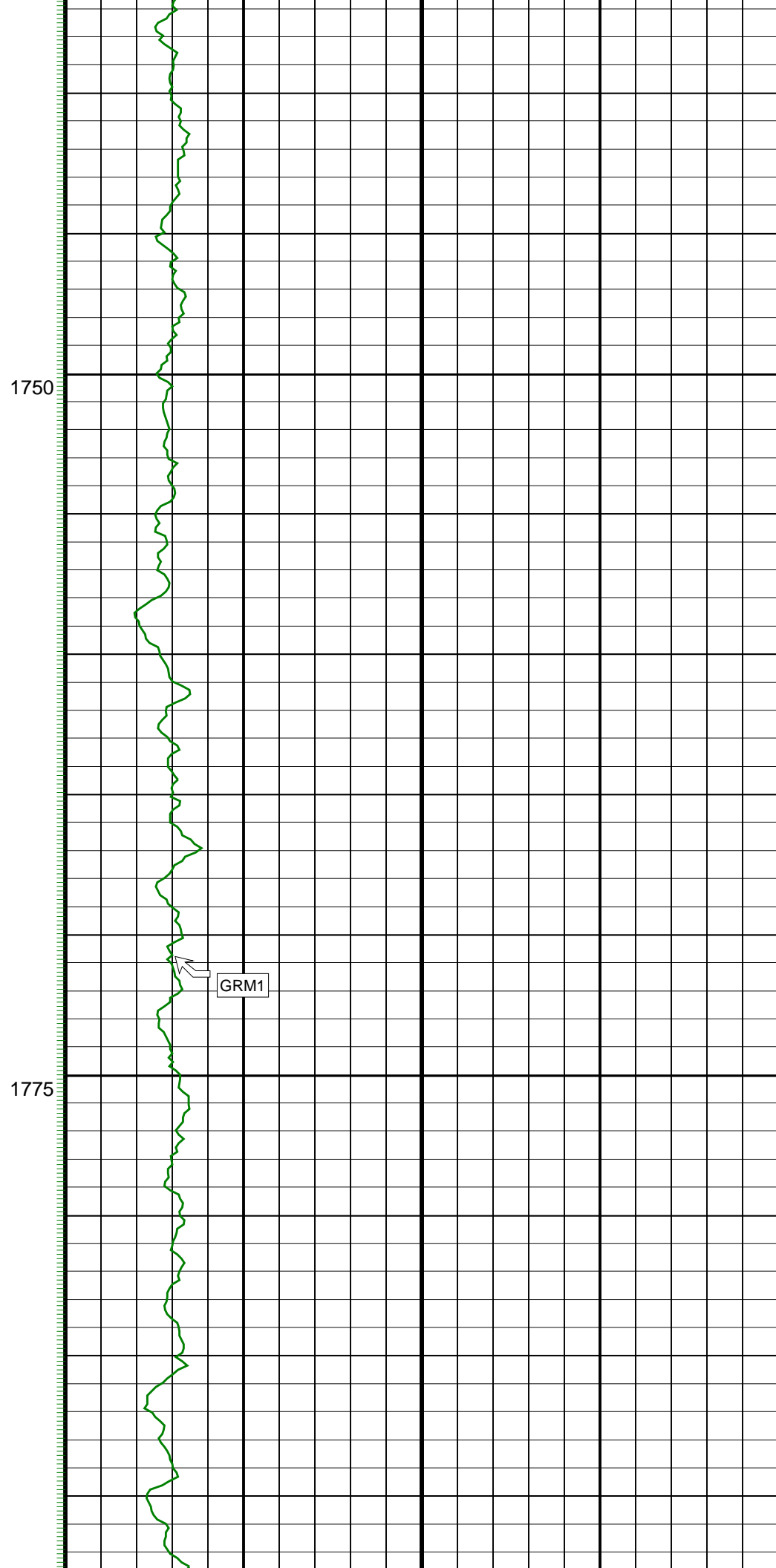
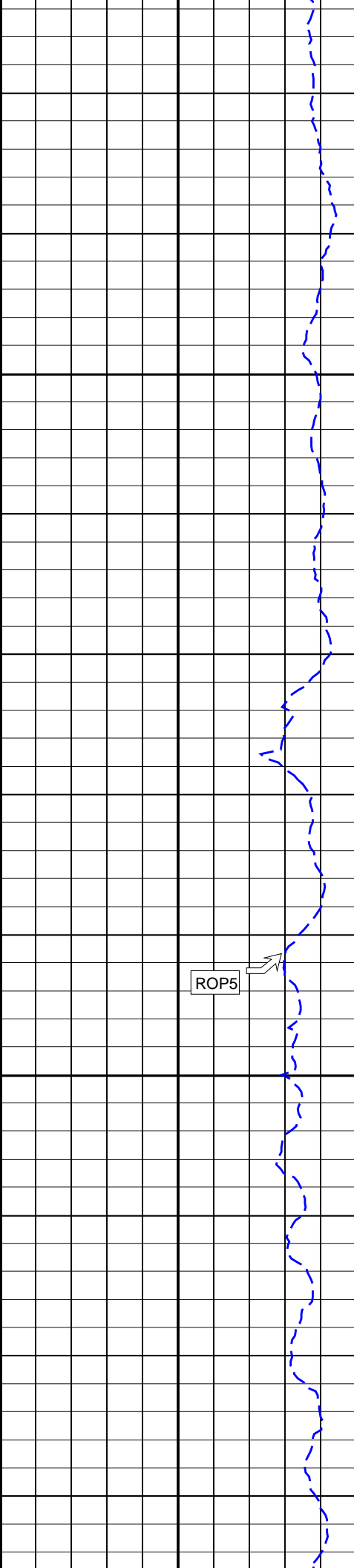
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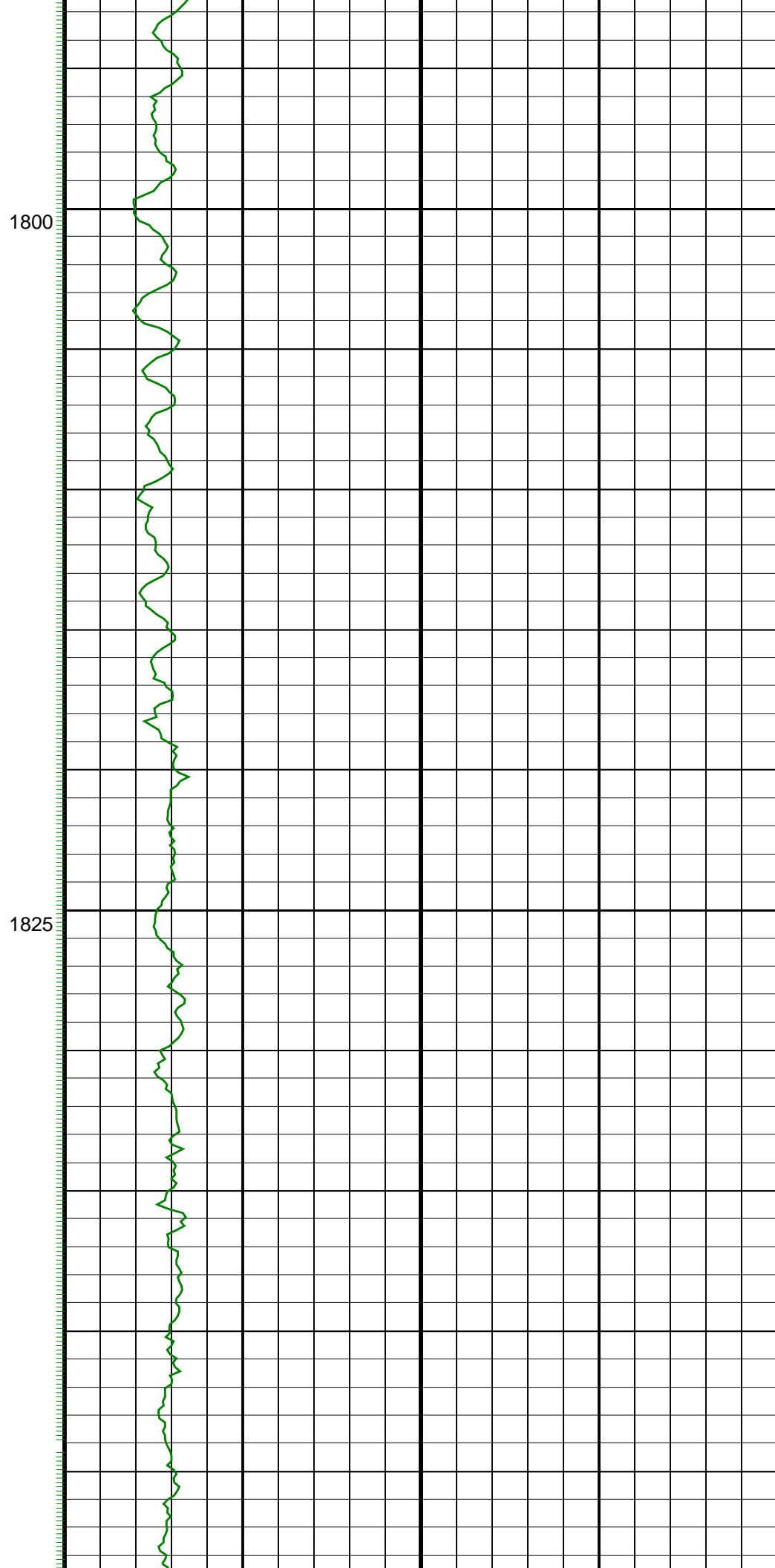
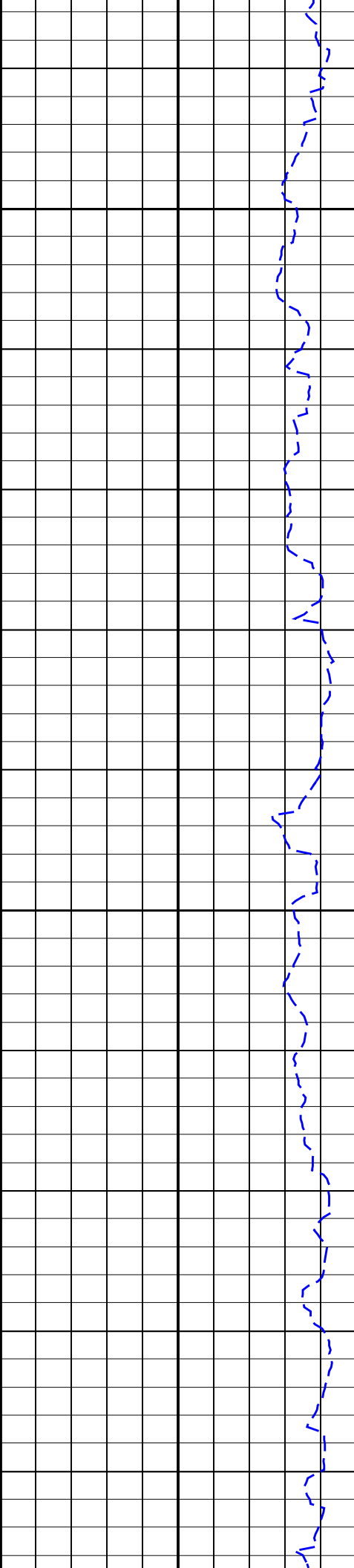


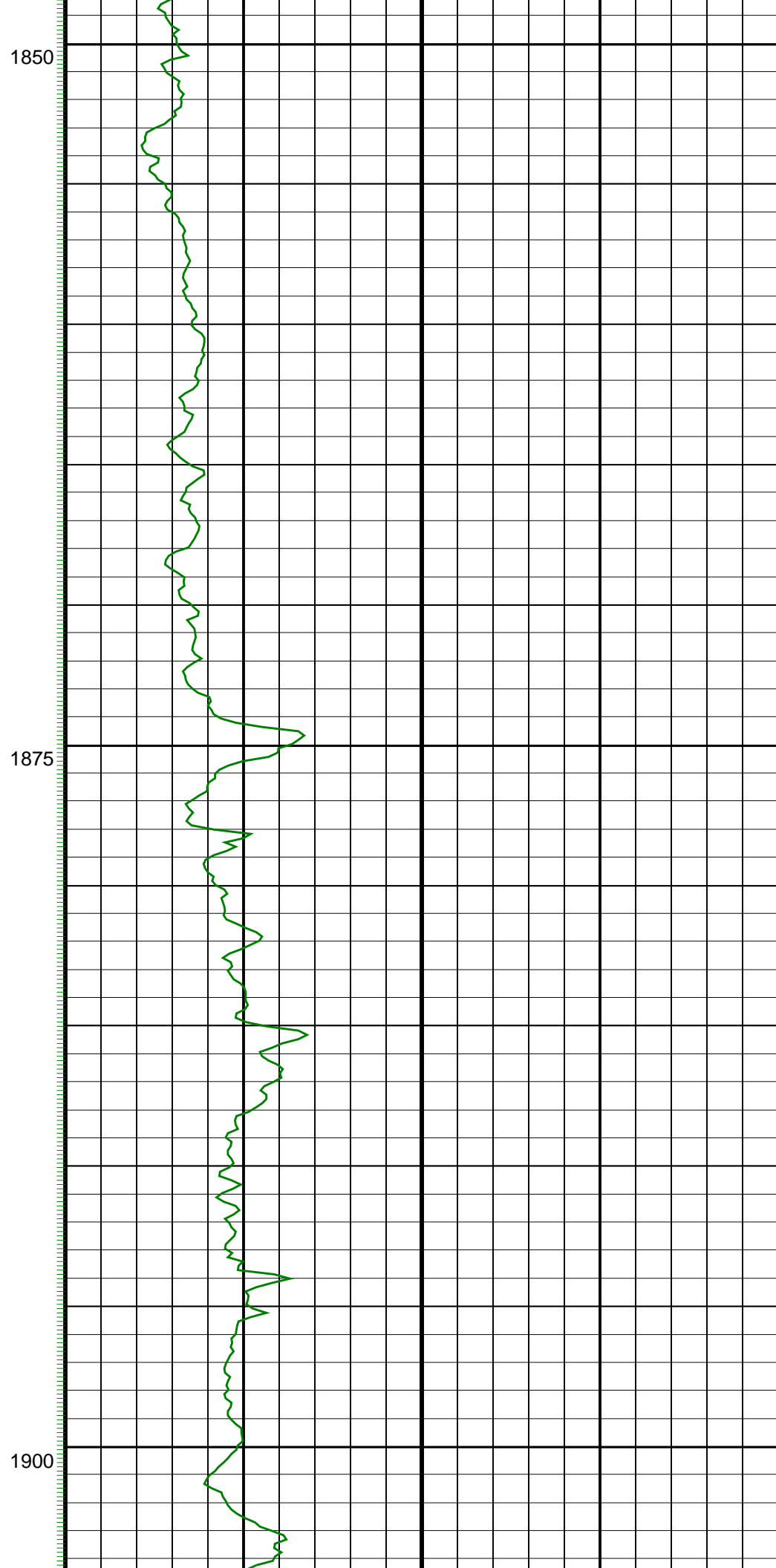
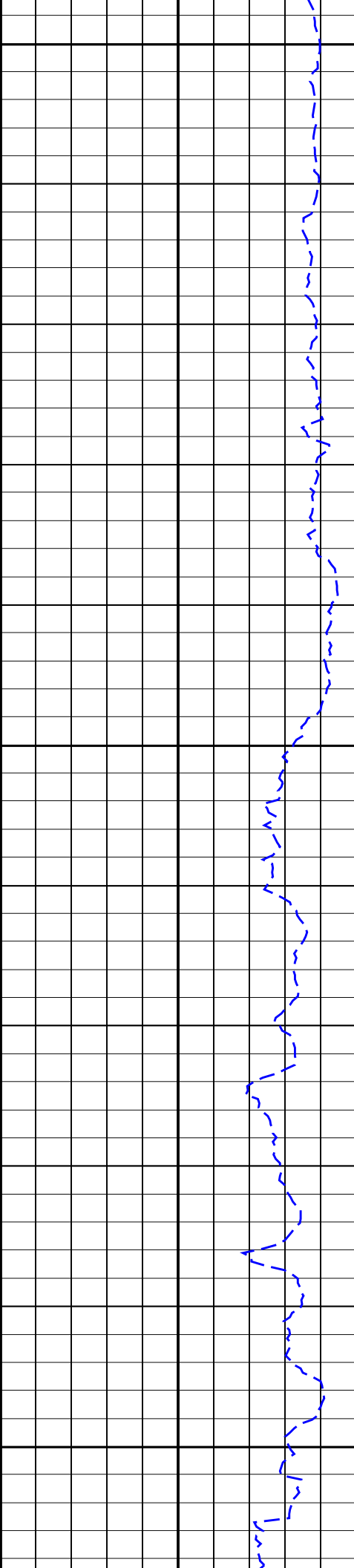


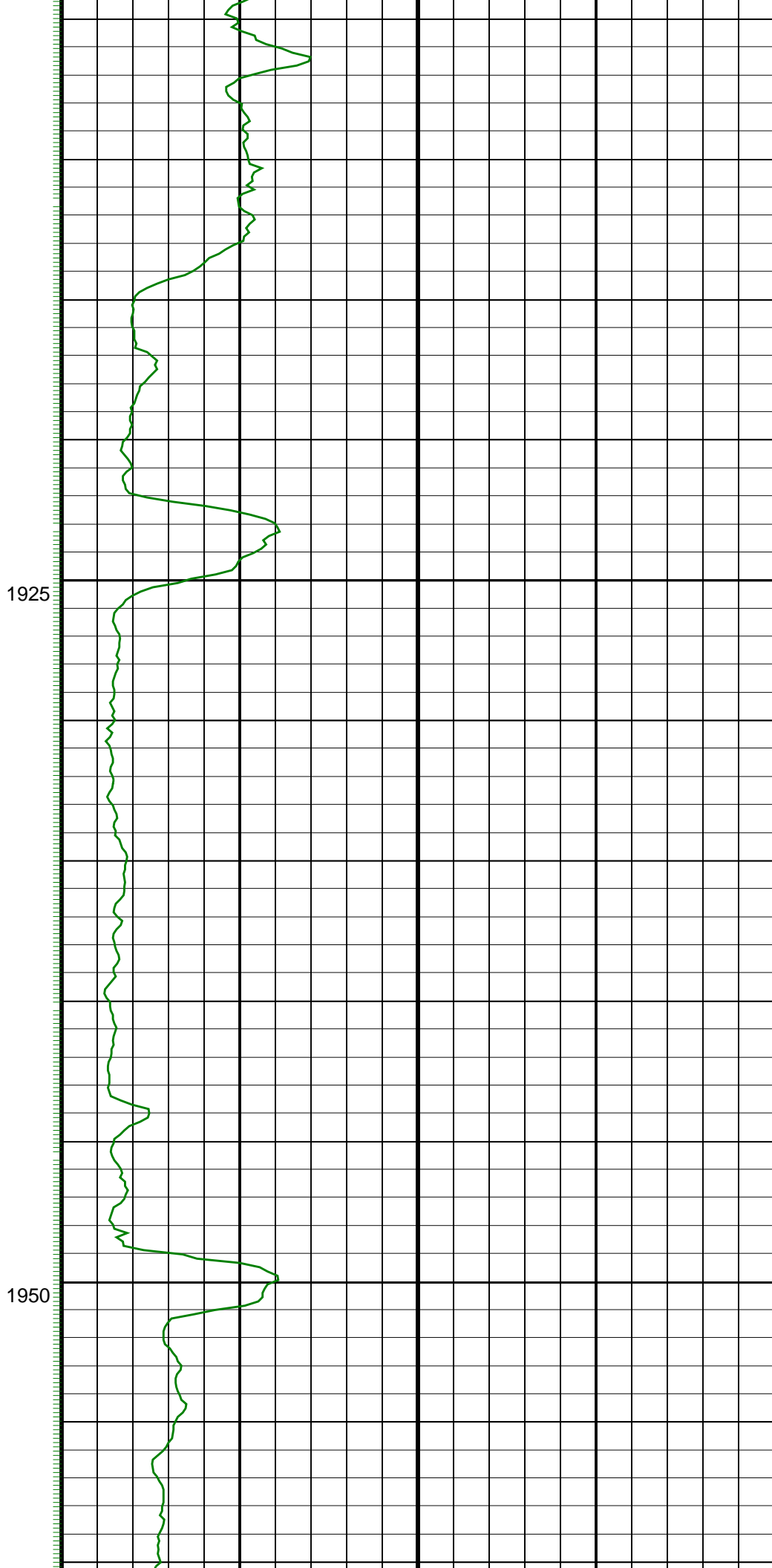
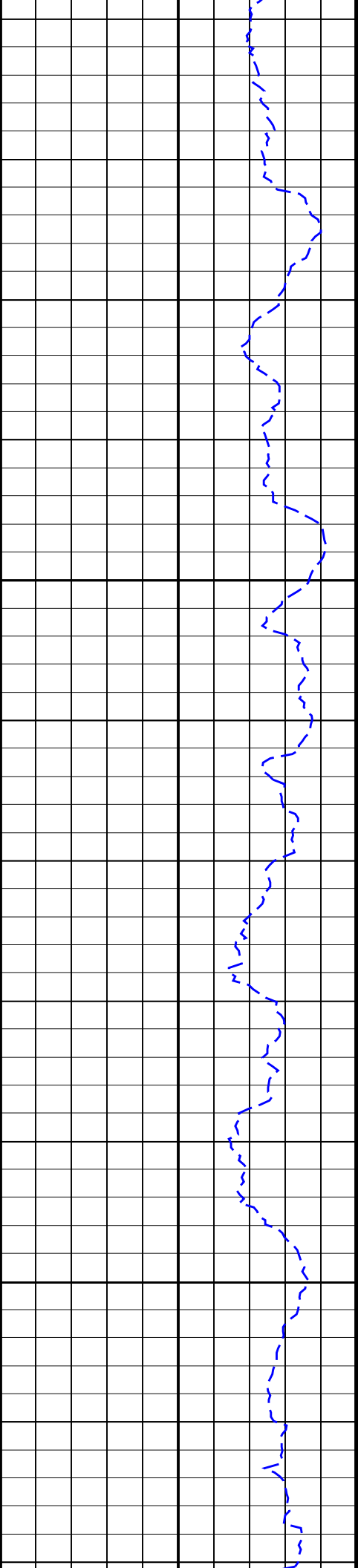


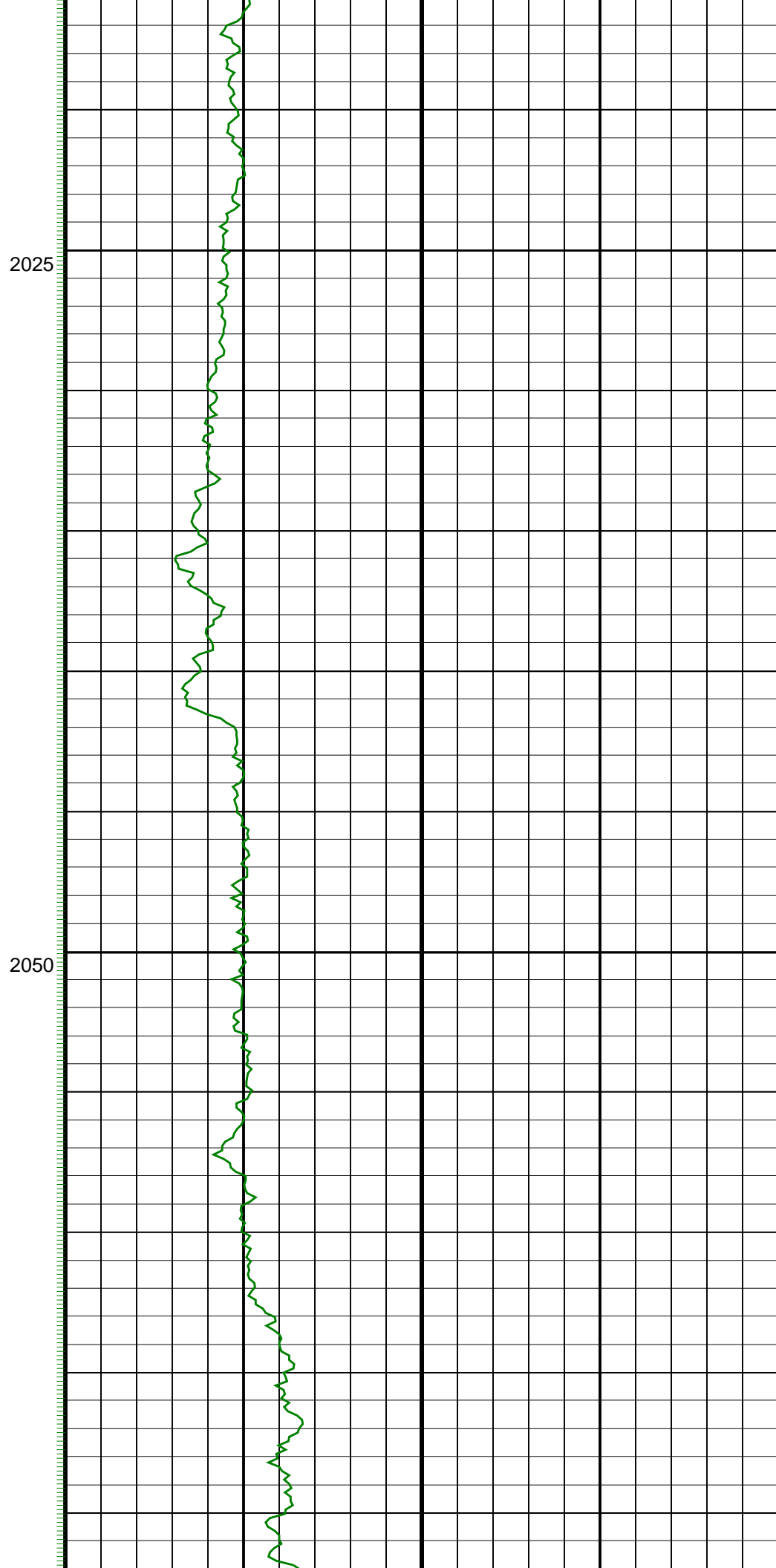
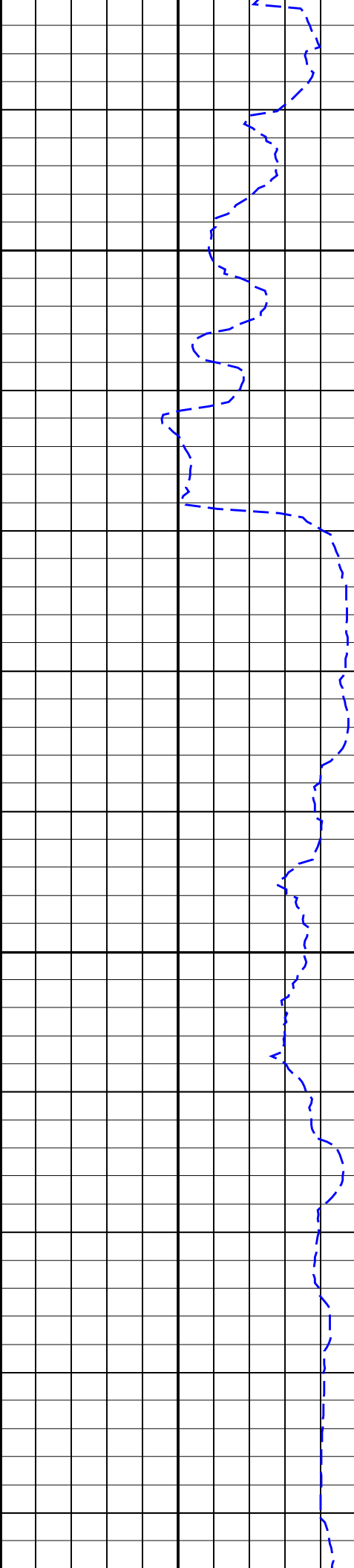


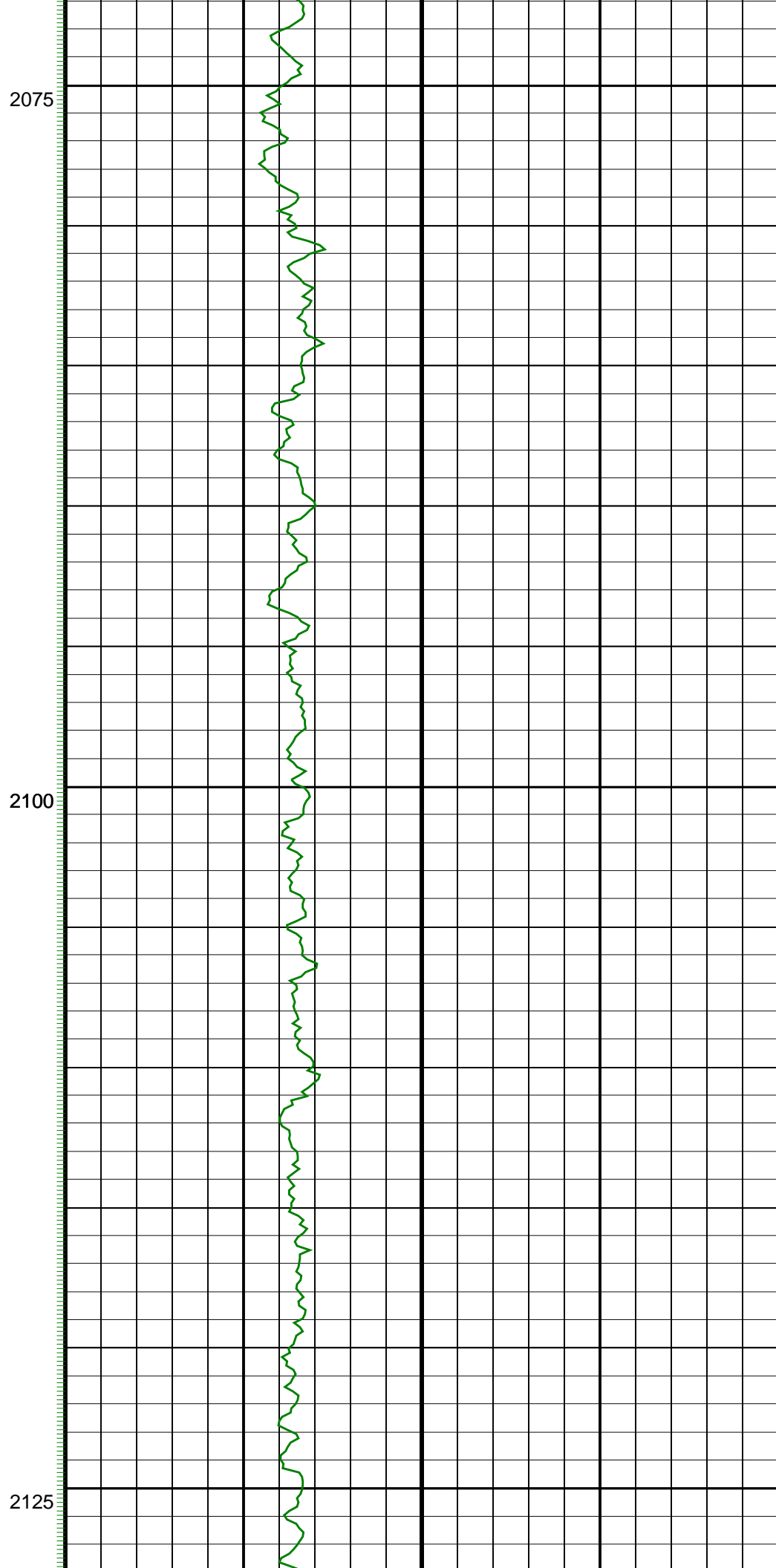
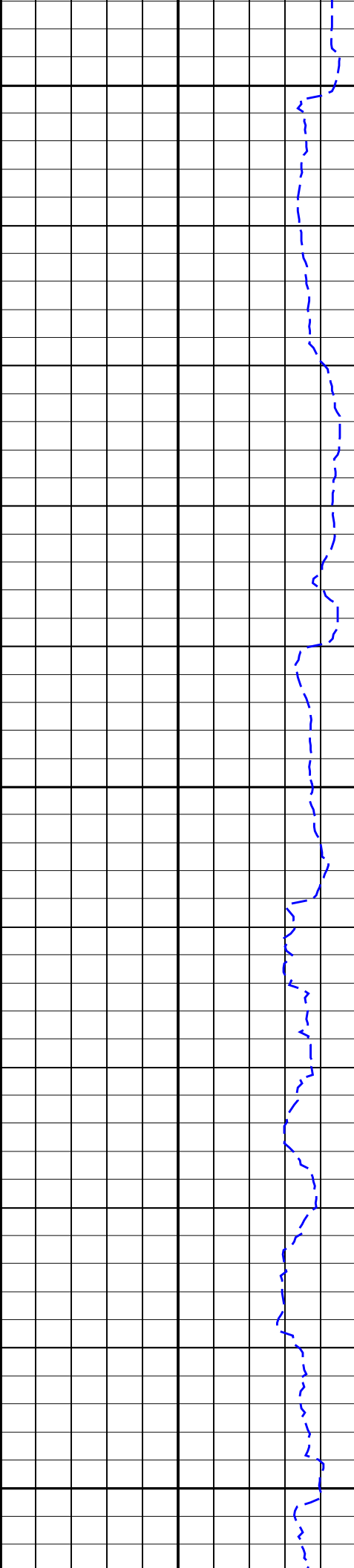


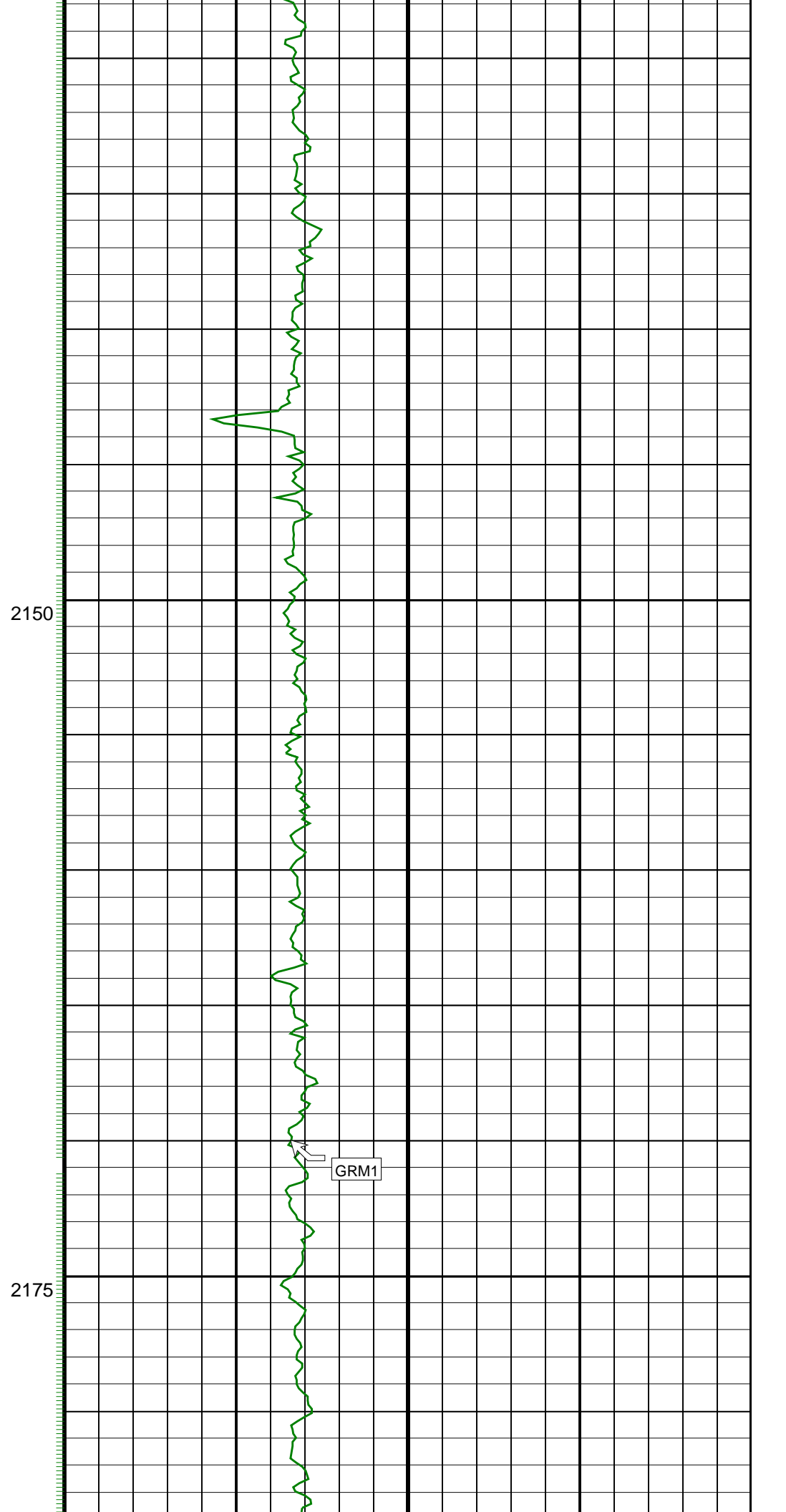
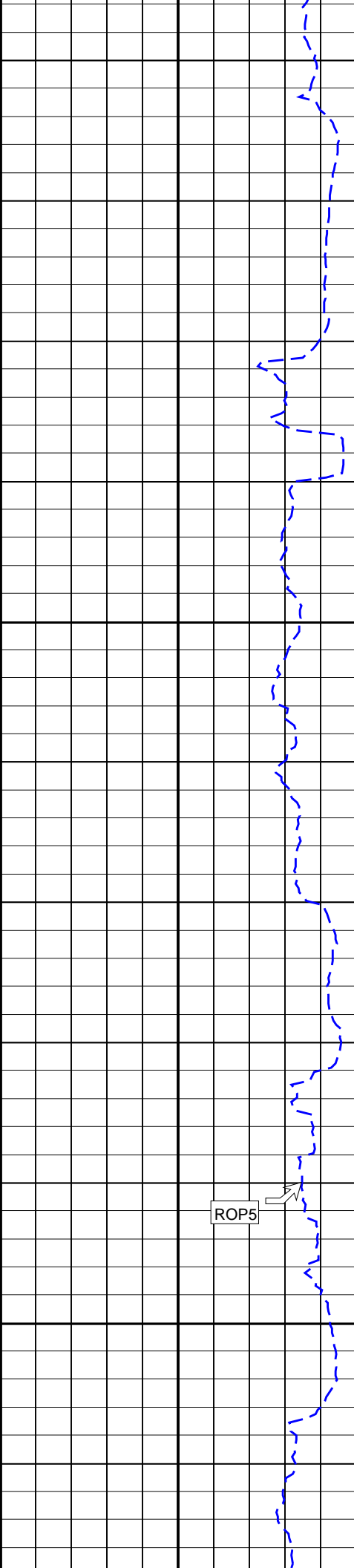


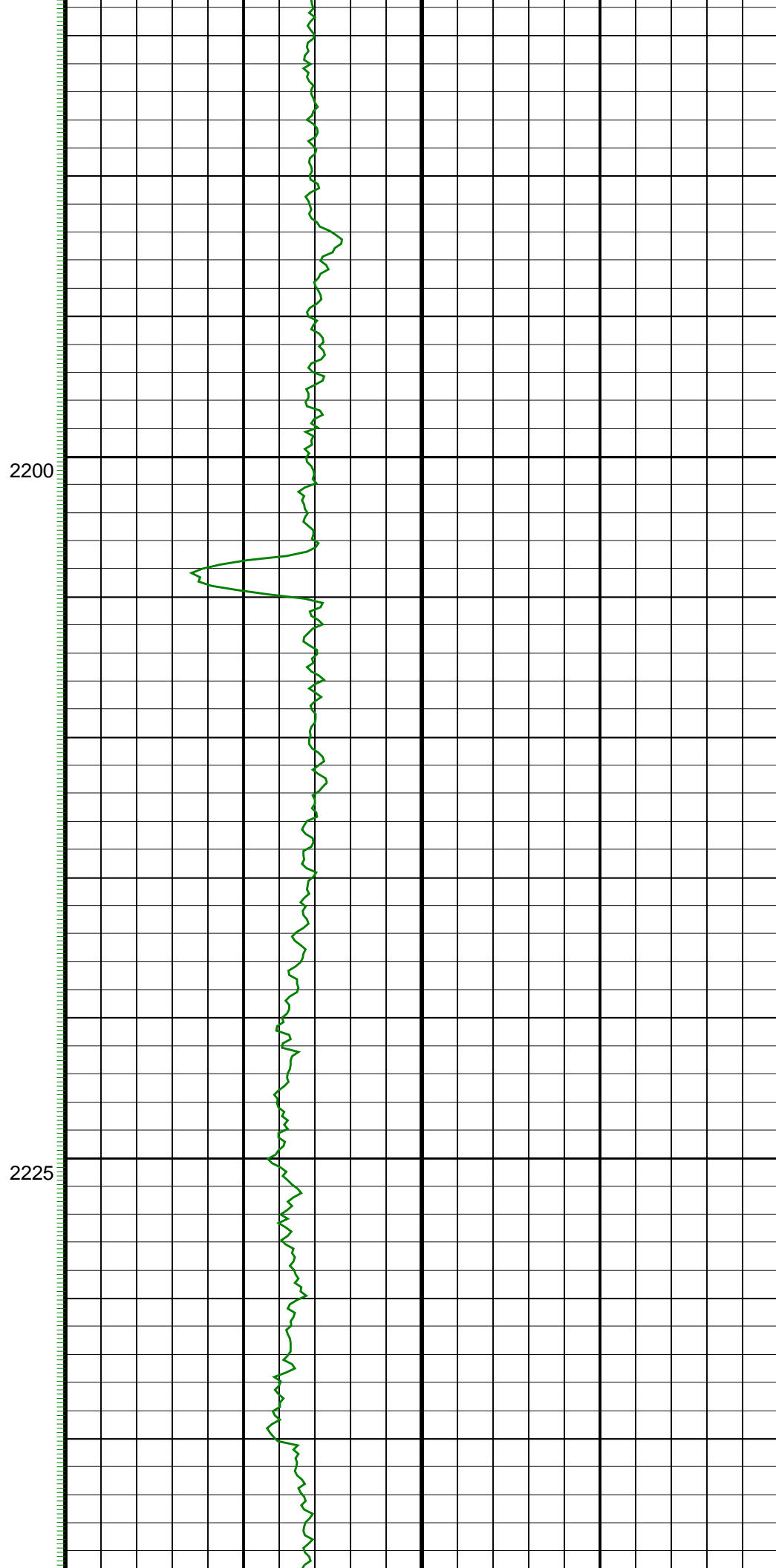
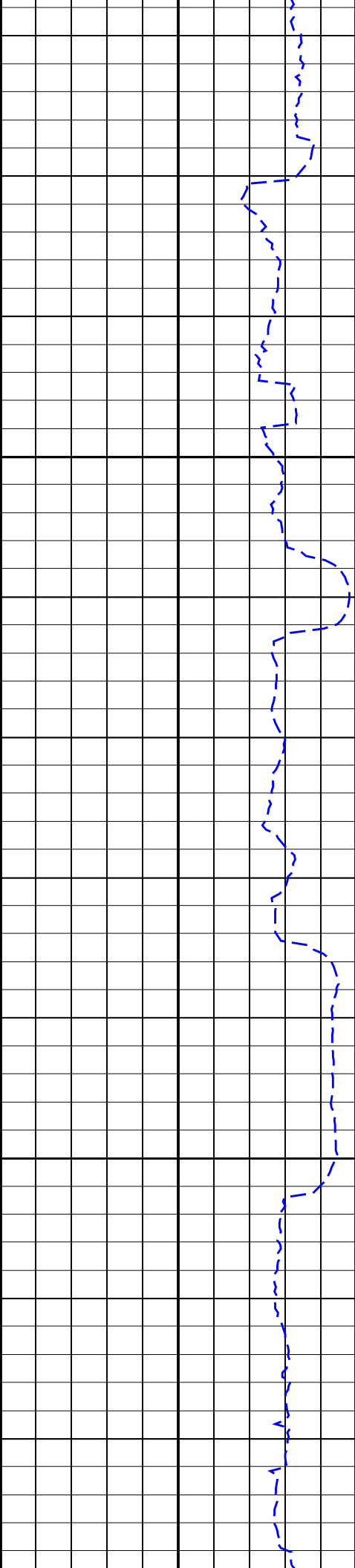


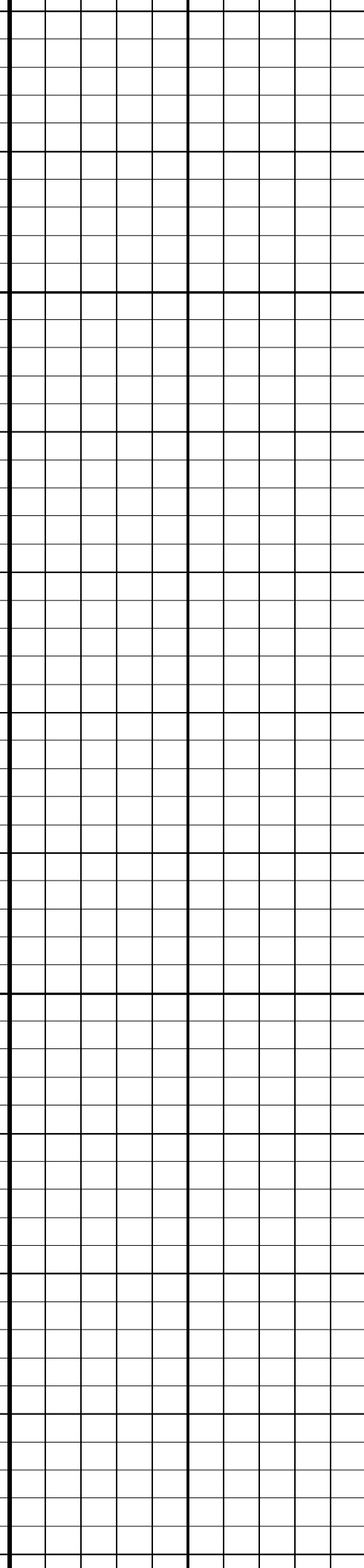
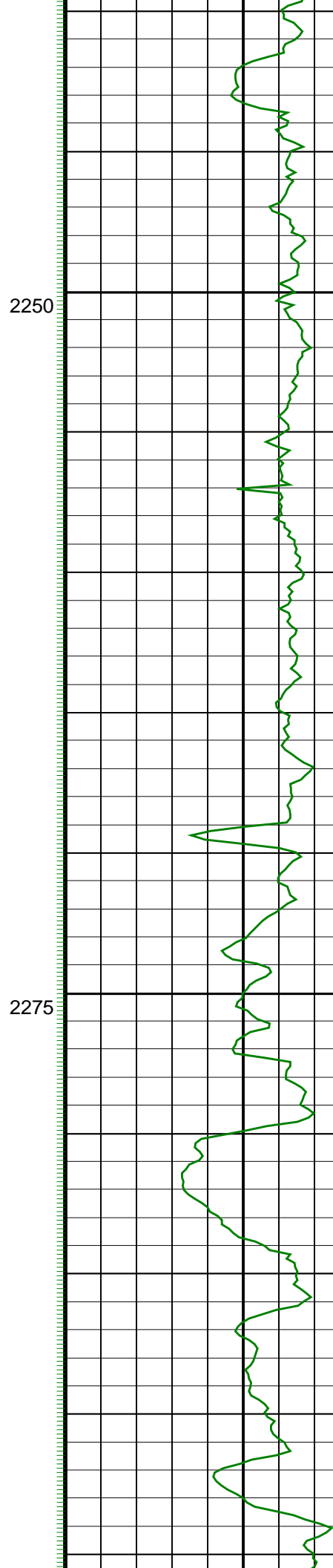
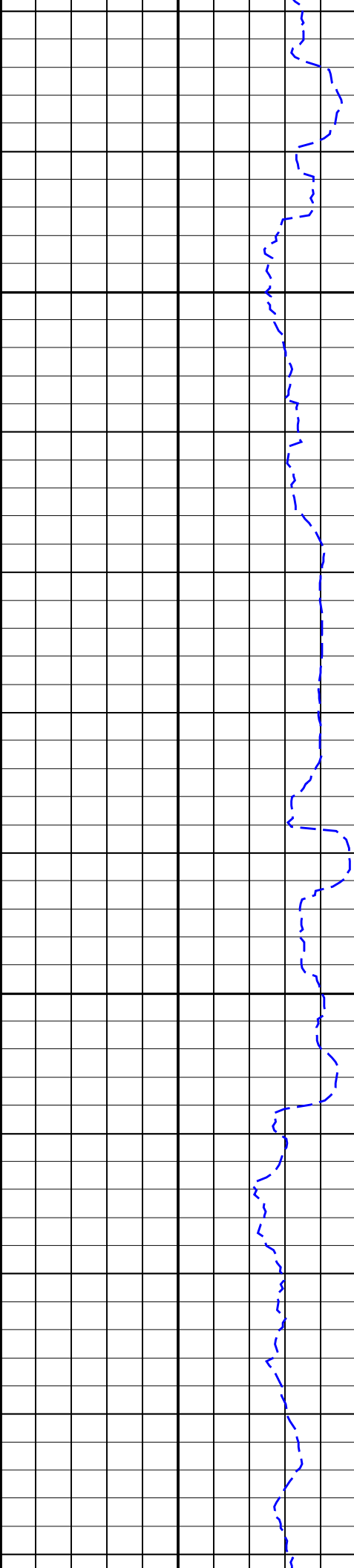


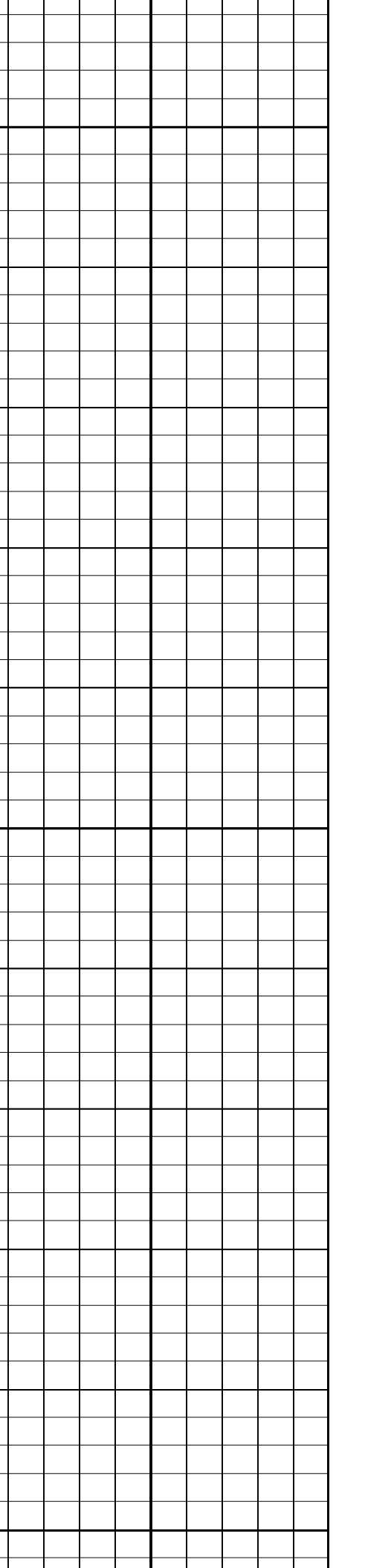
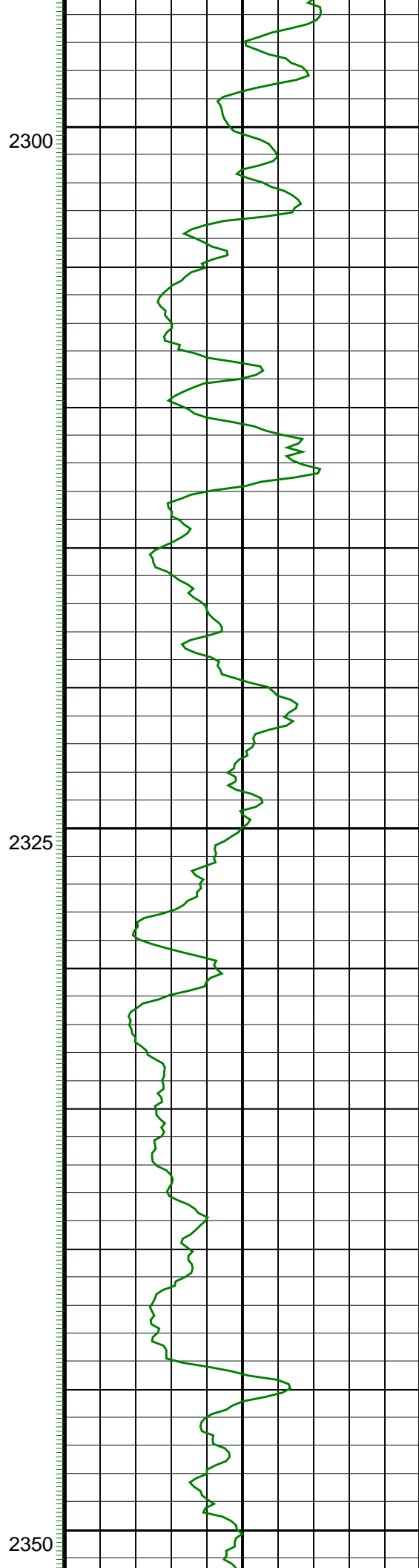
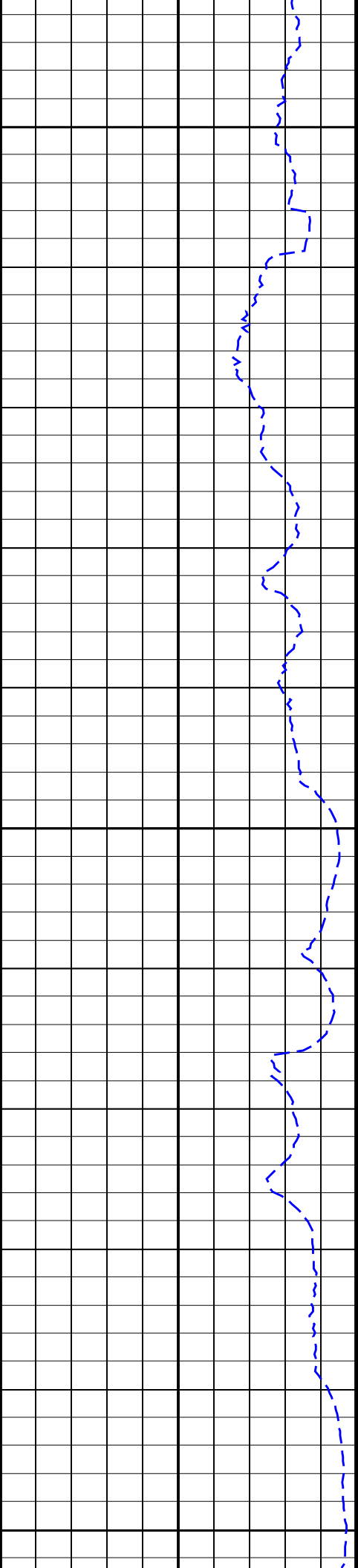












ROP5

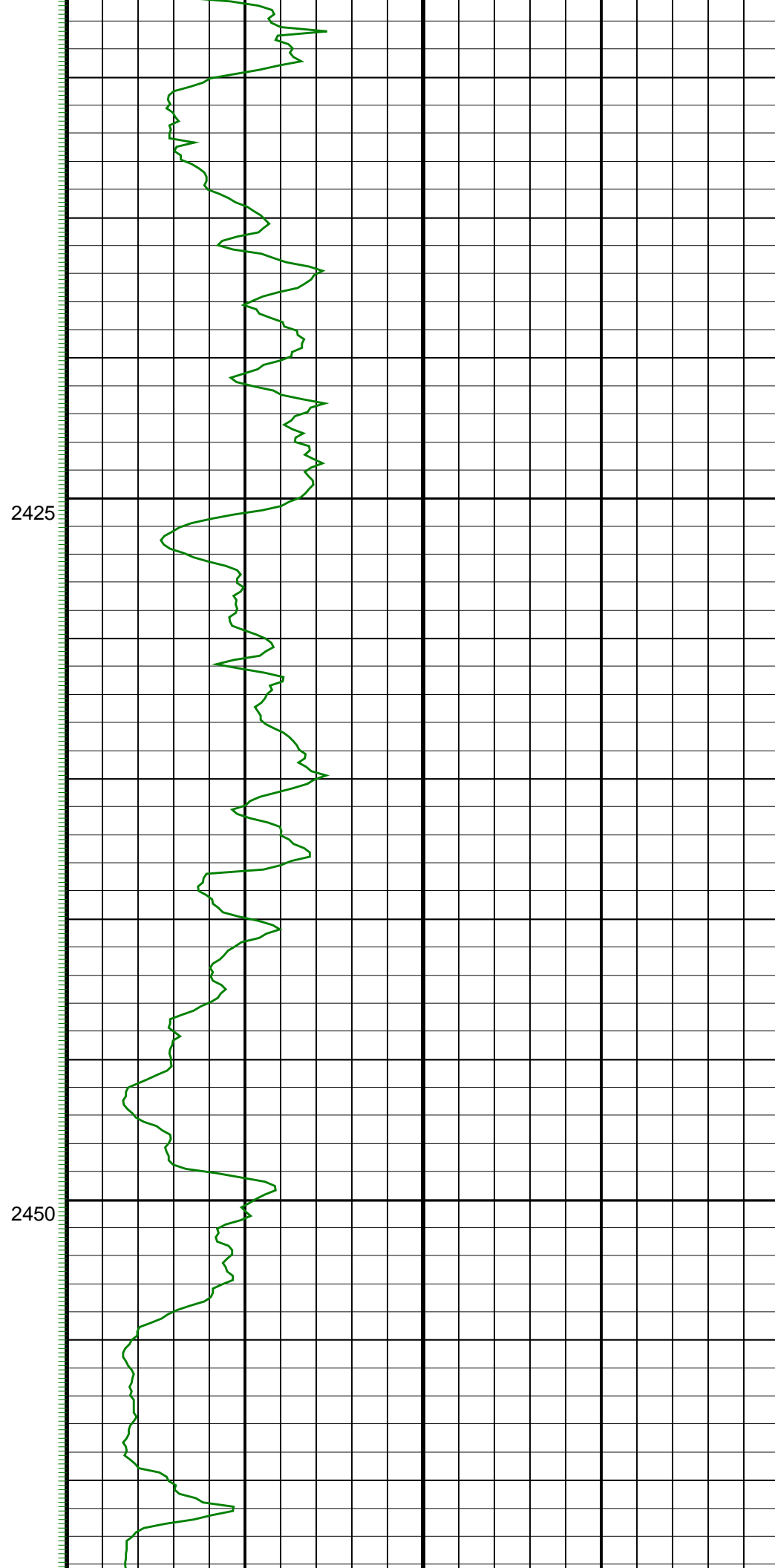
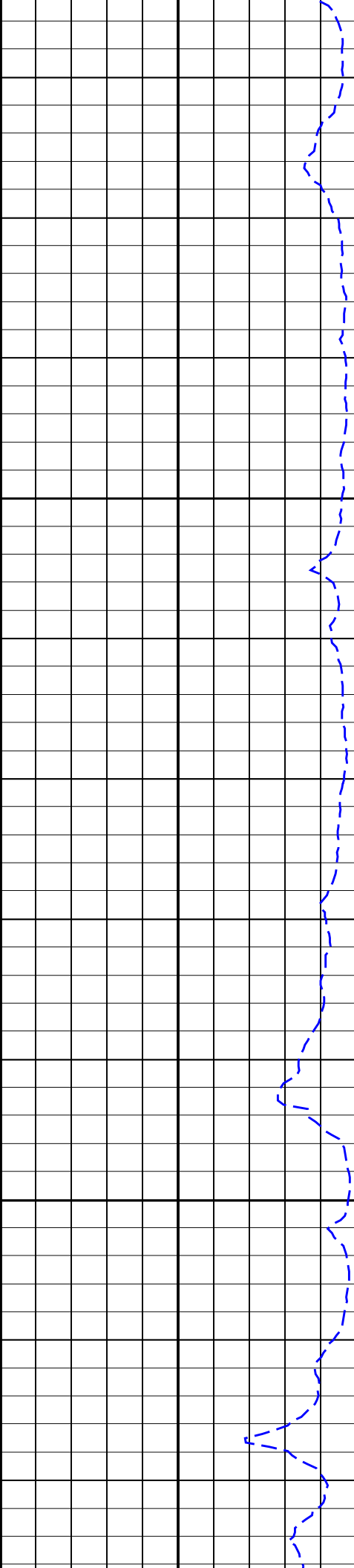


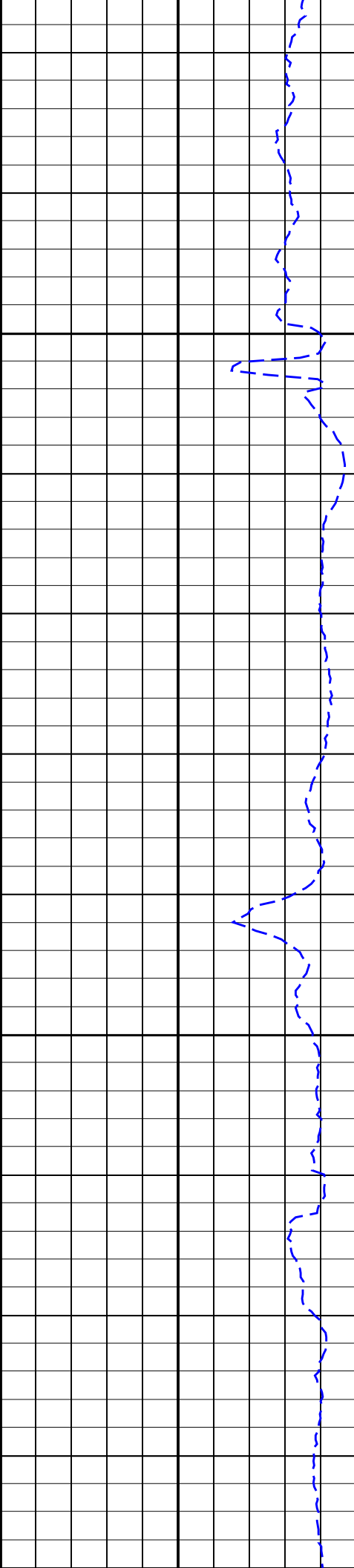
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GRM1

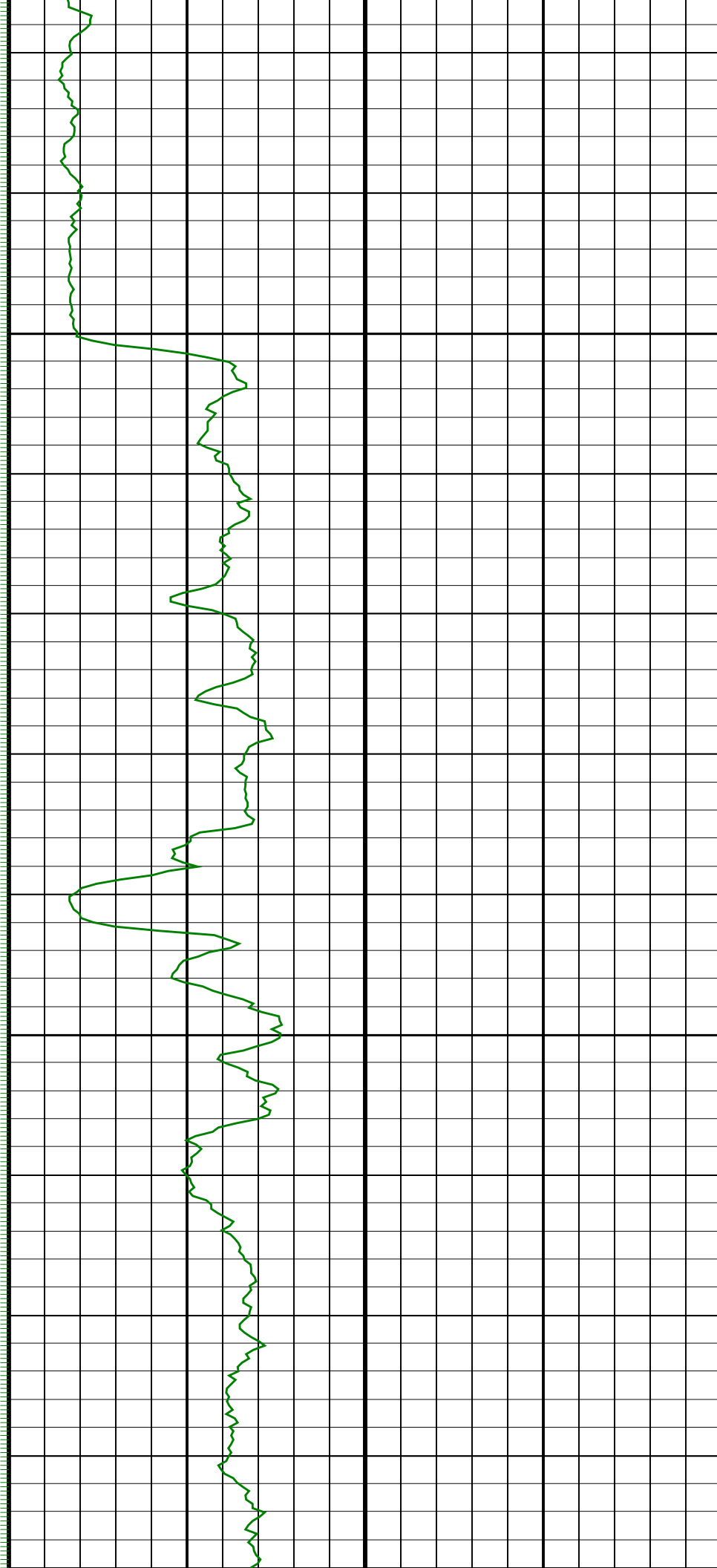


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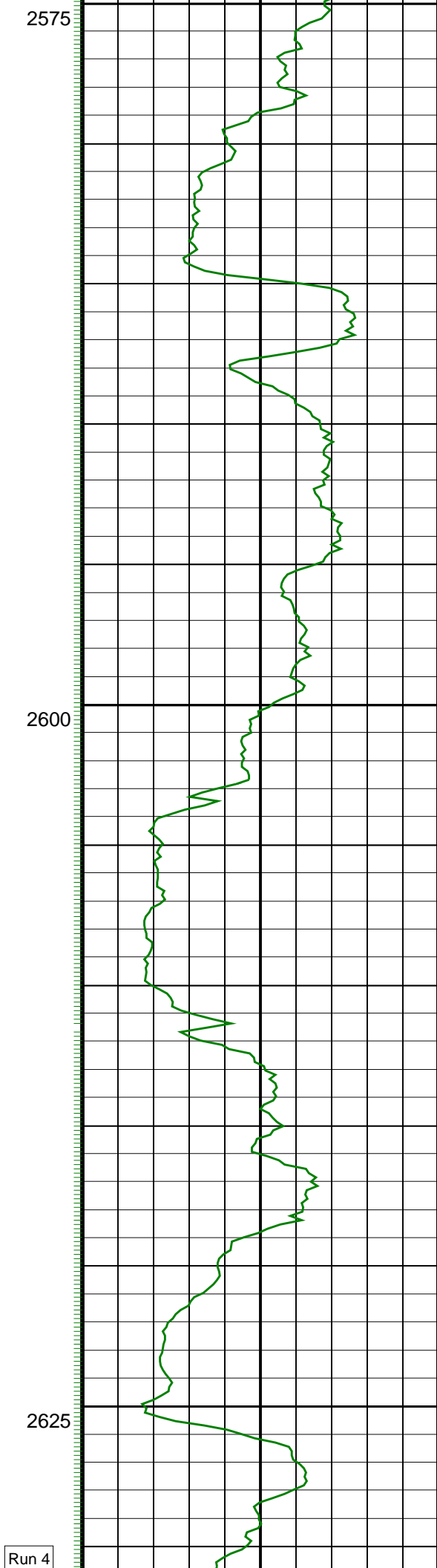
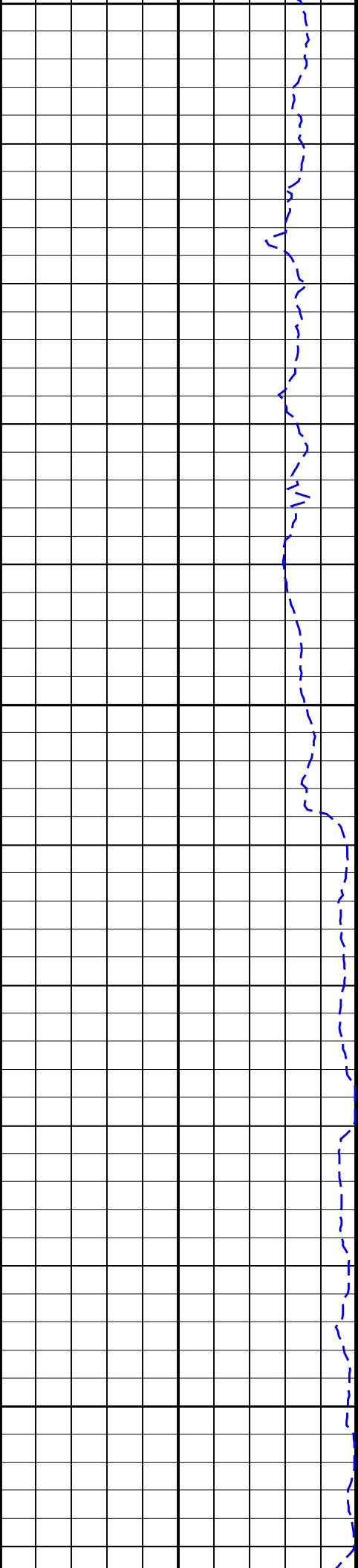




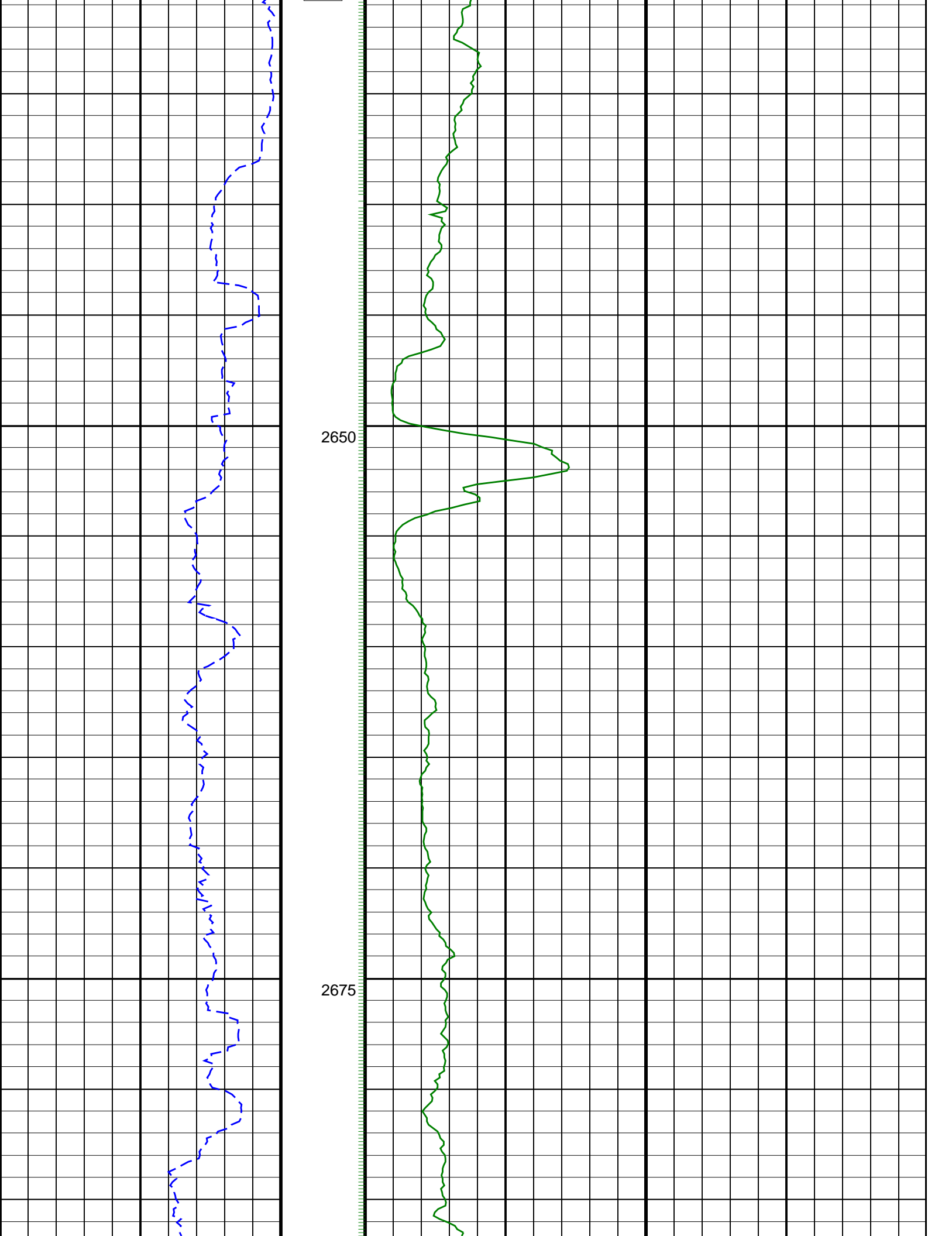
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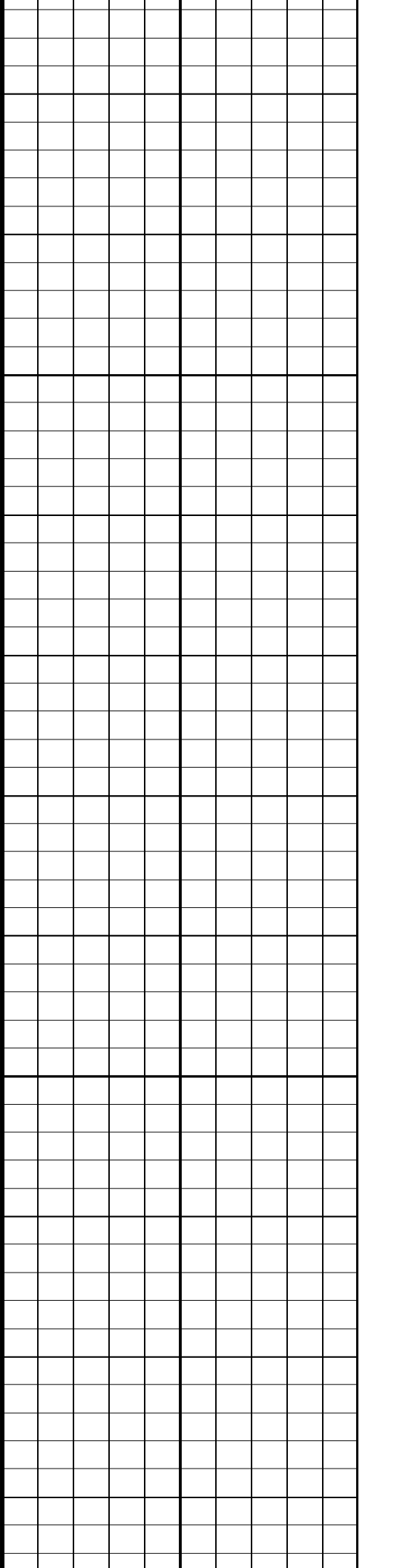
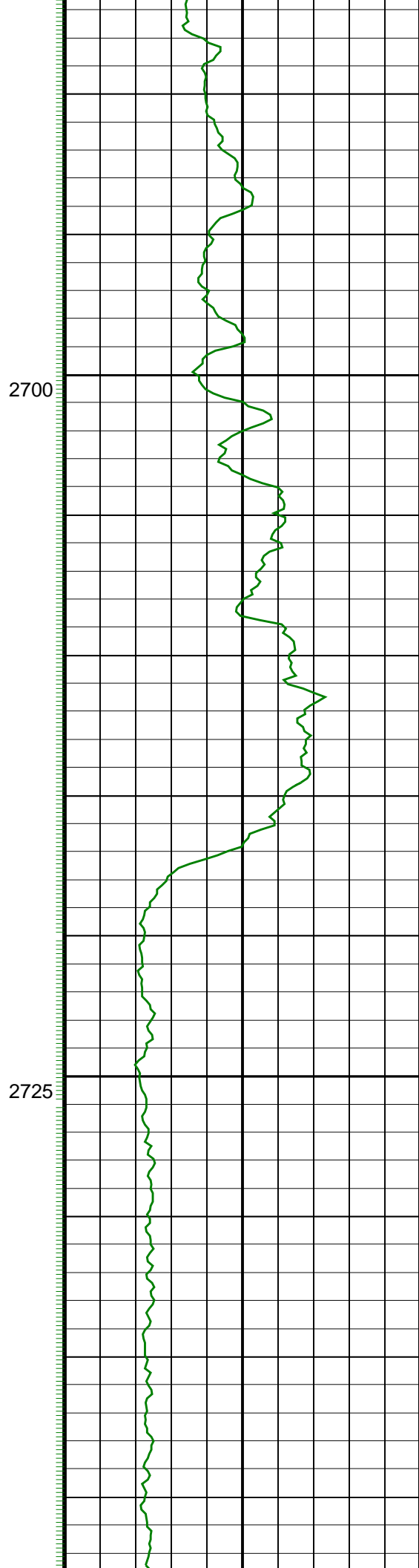
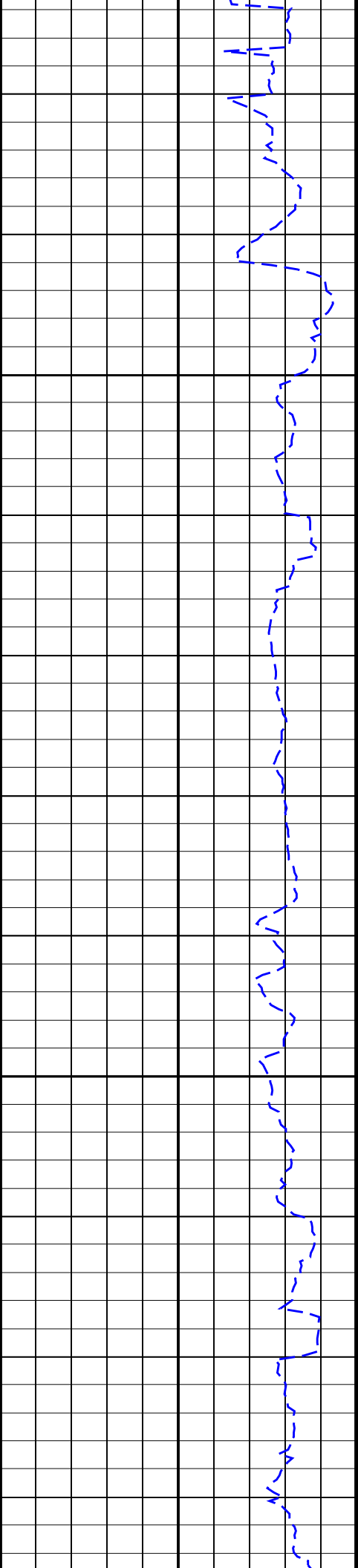


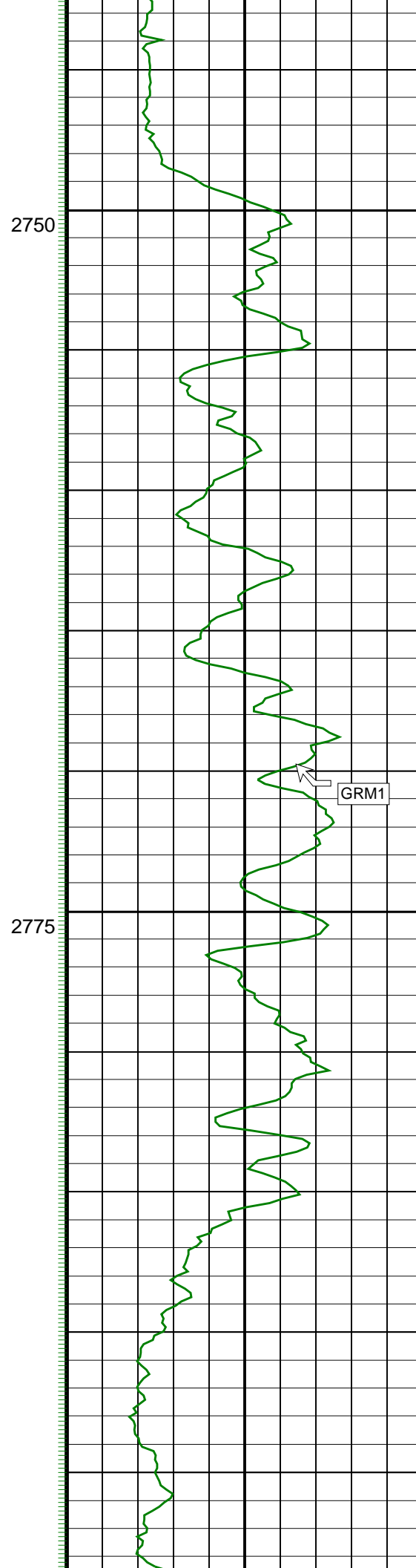
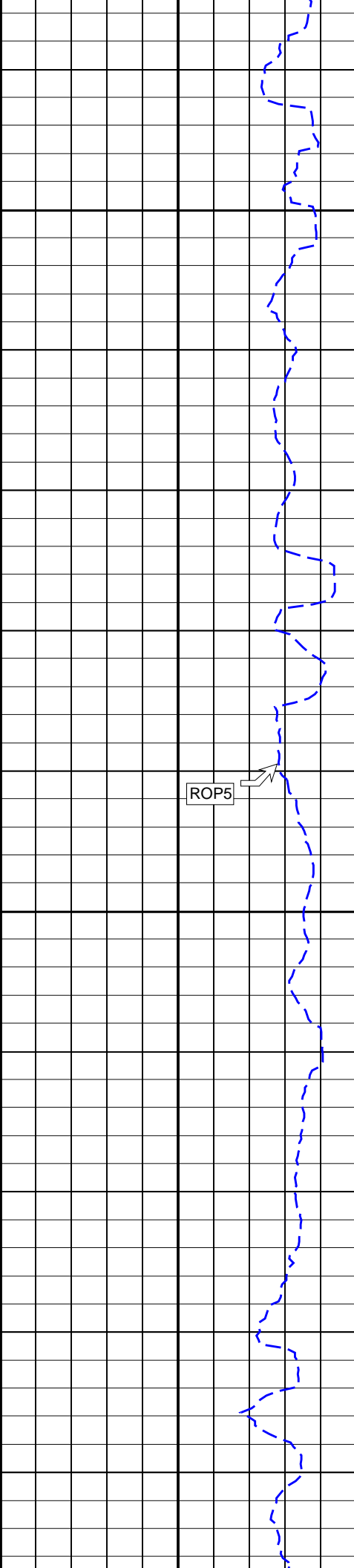
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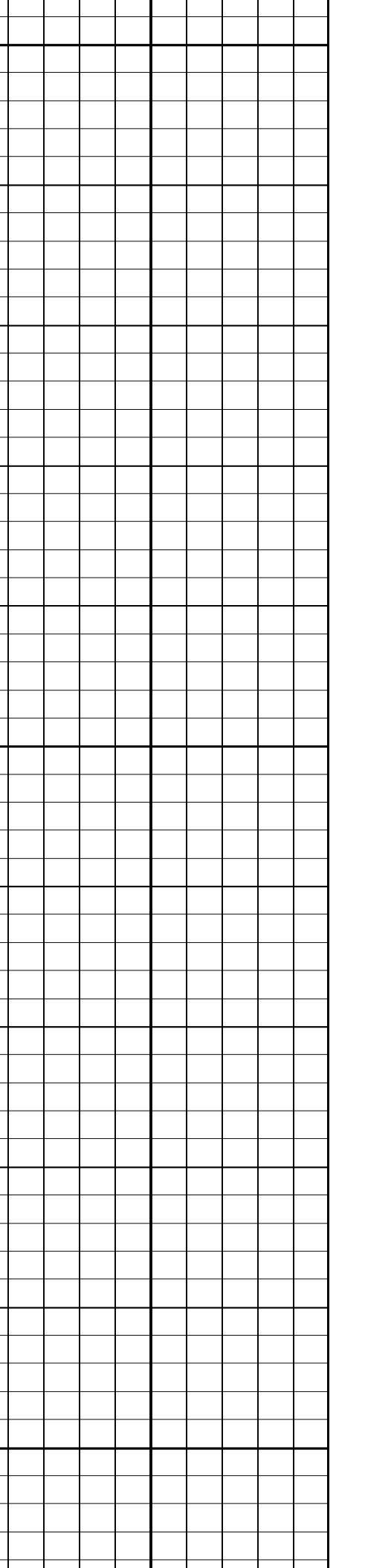
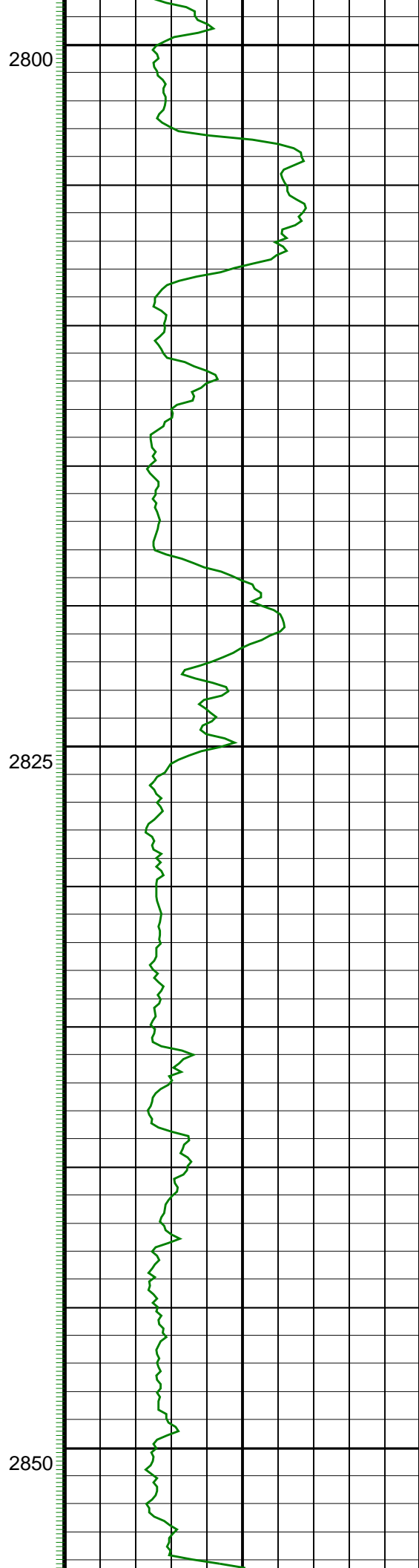
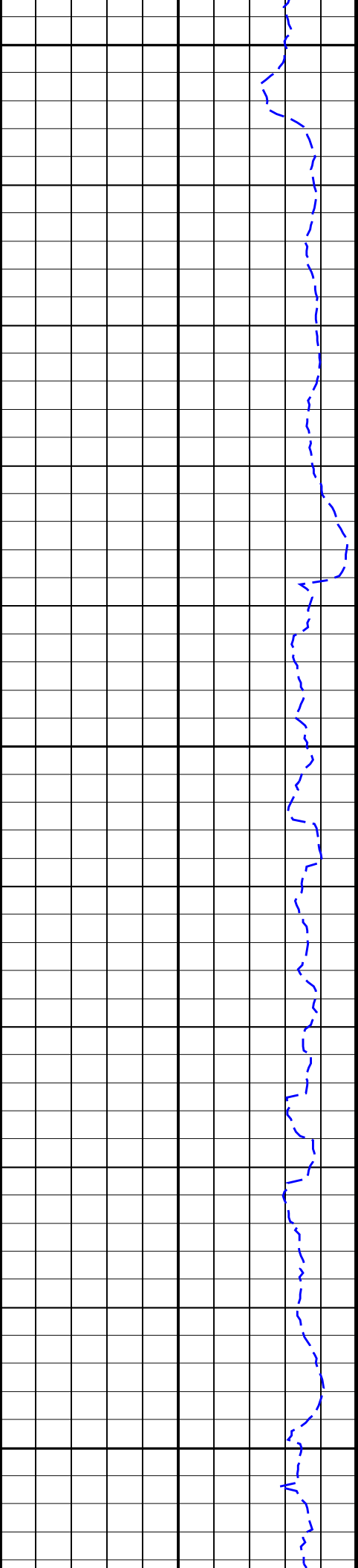


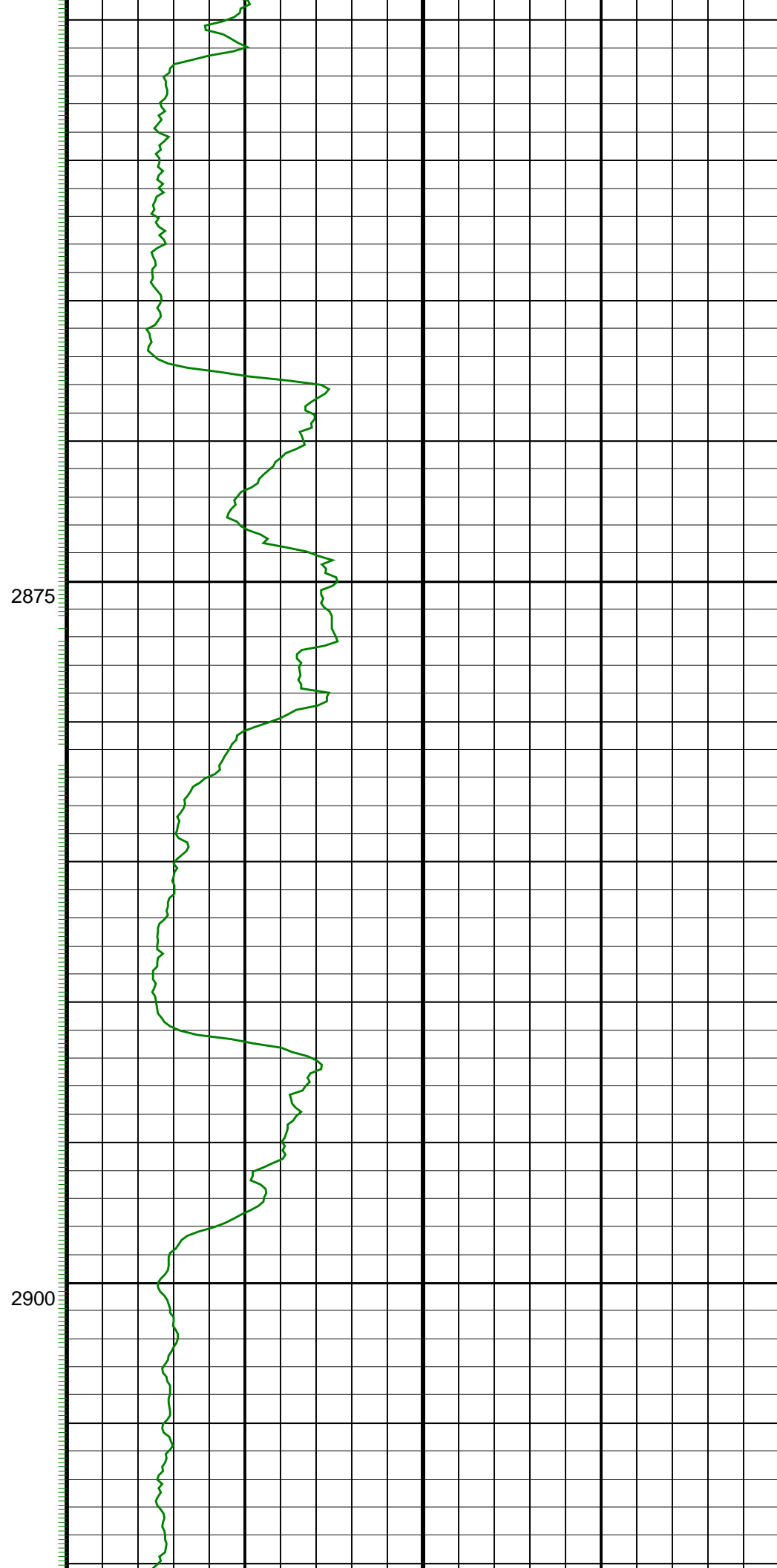
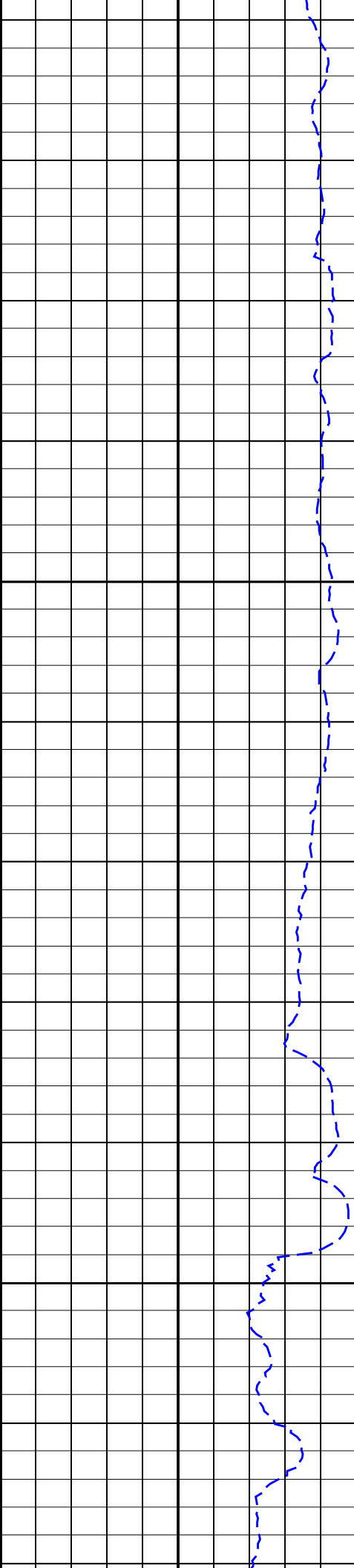
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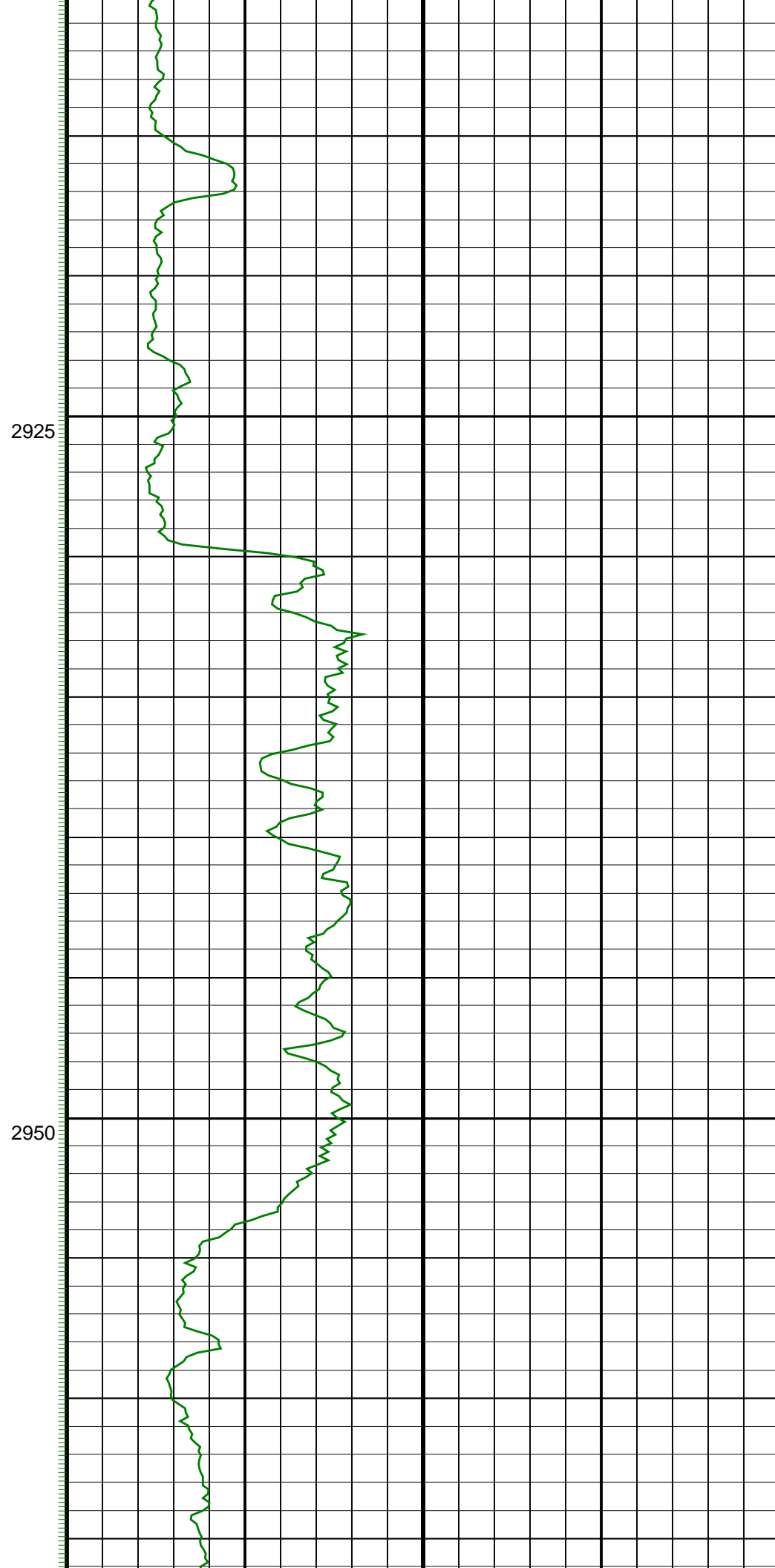
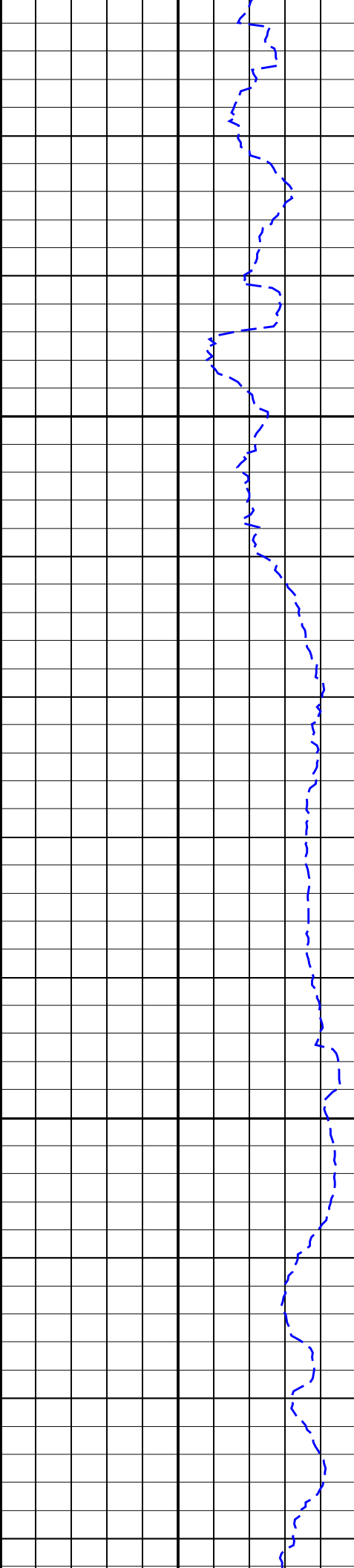










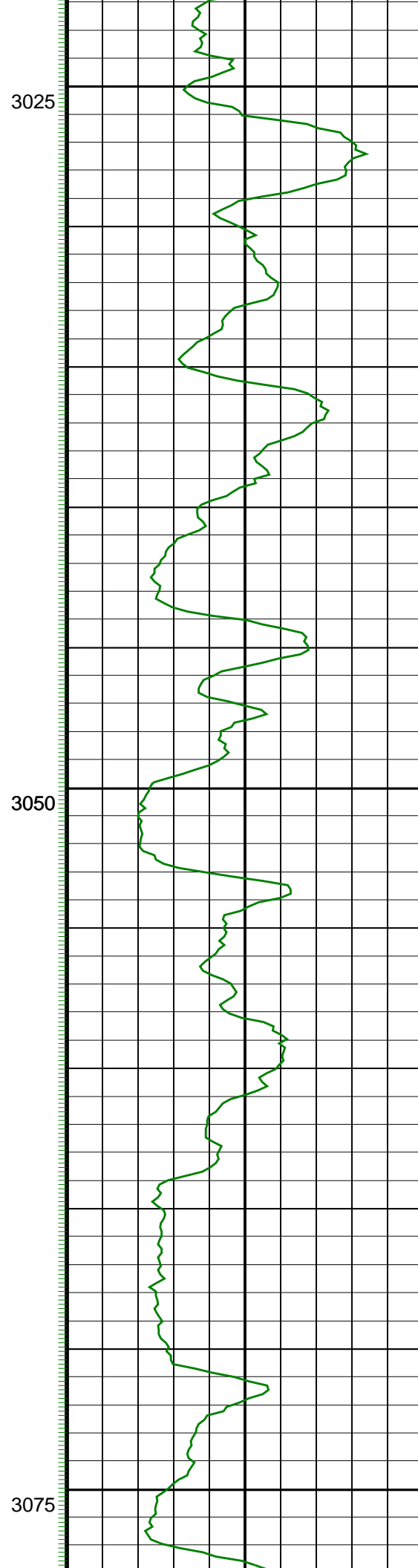
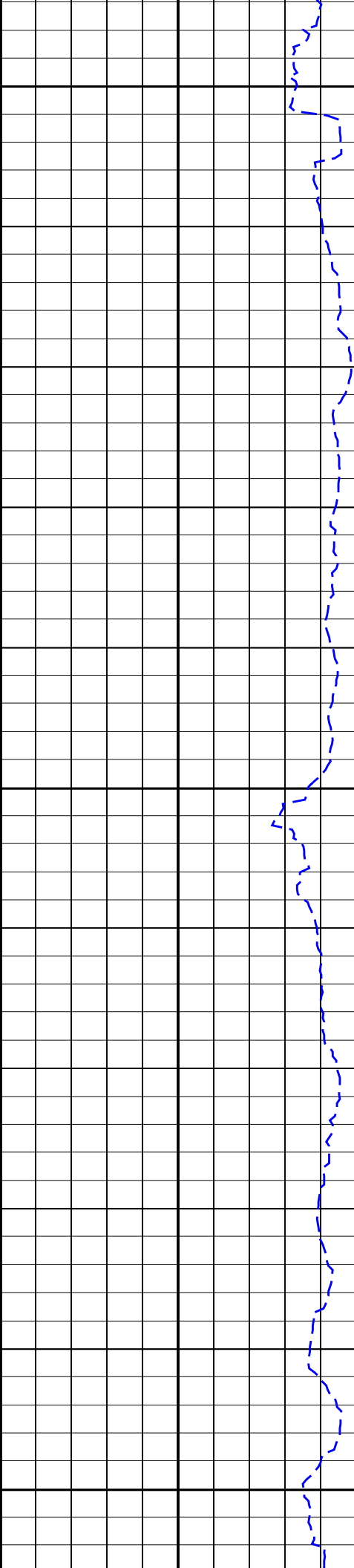


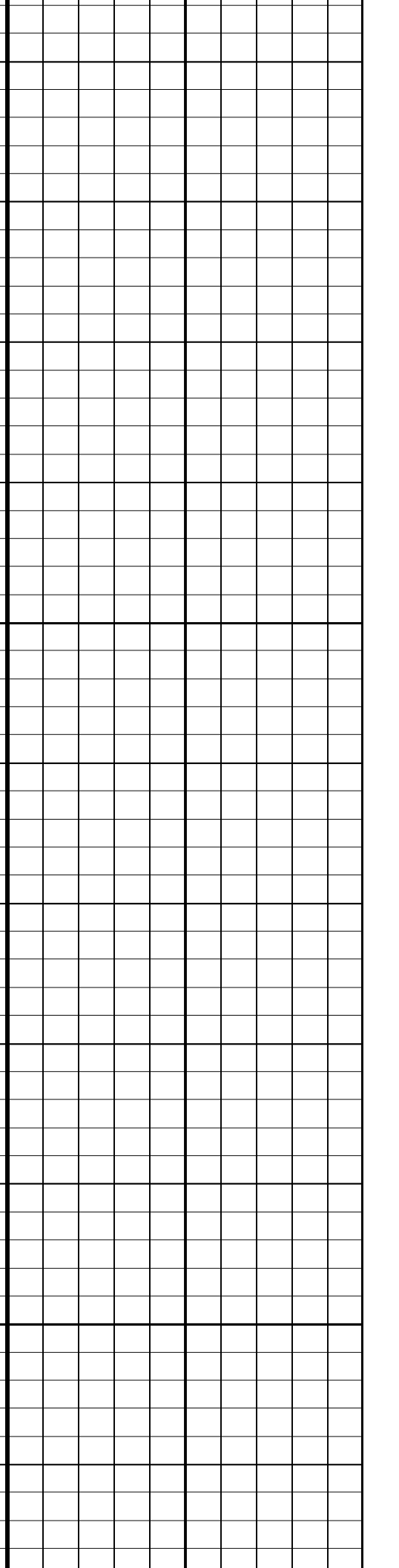
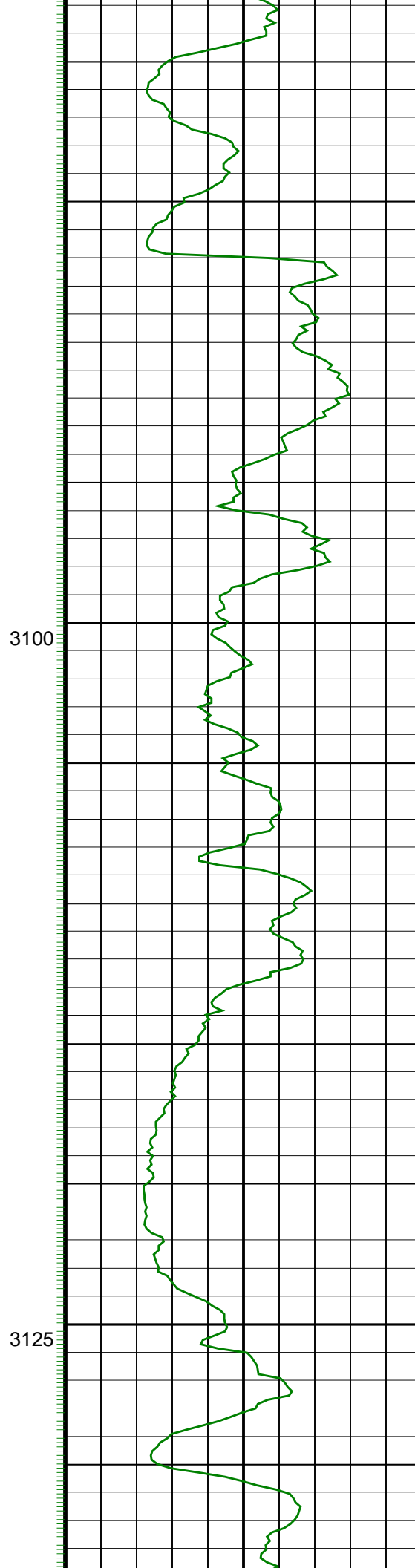
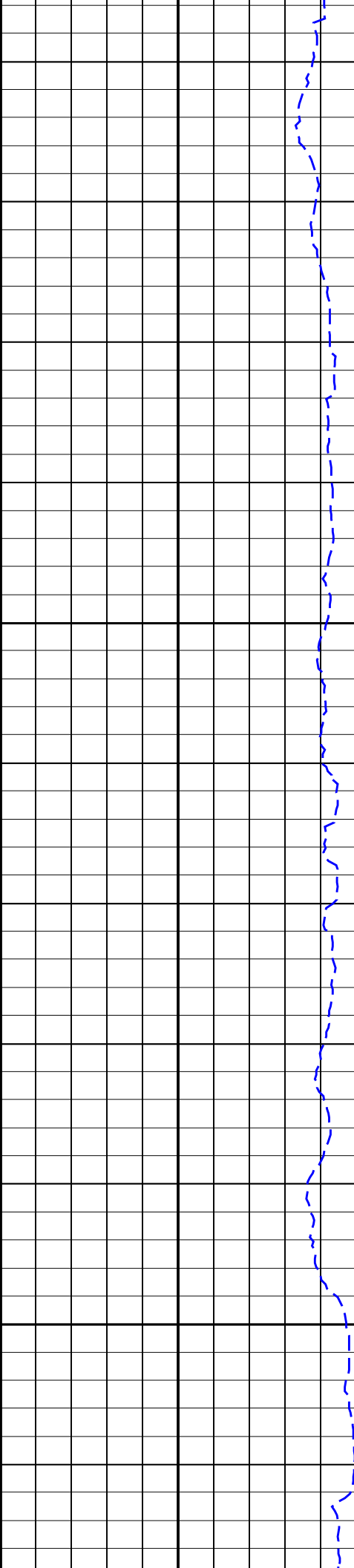
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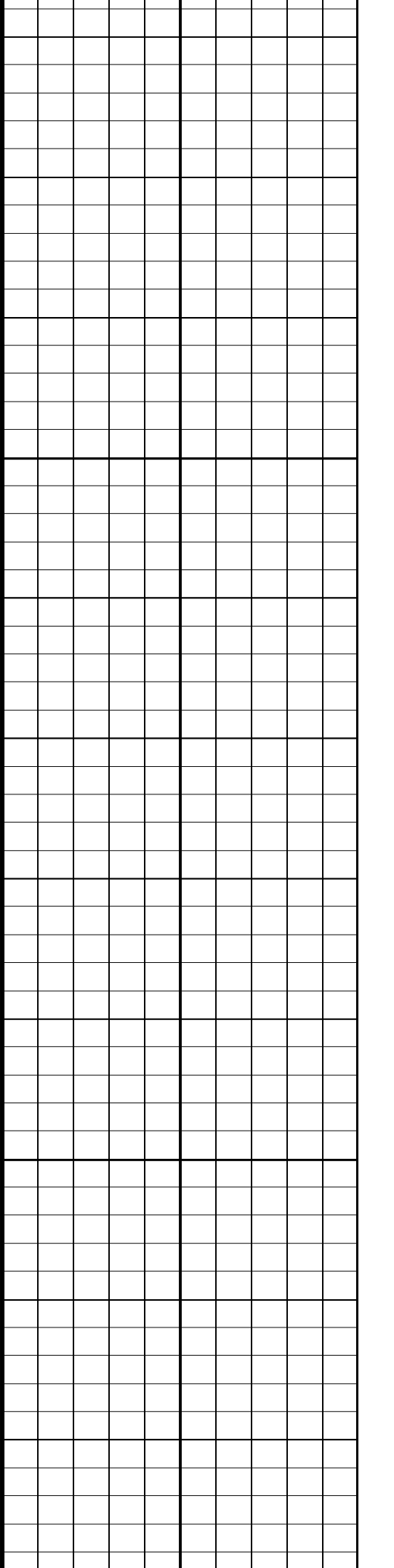
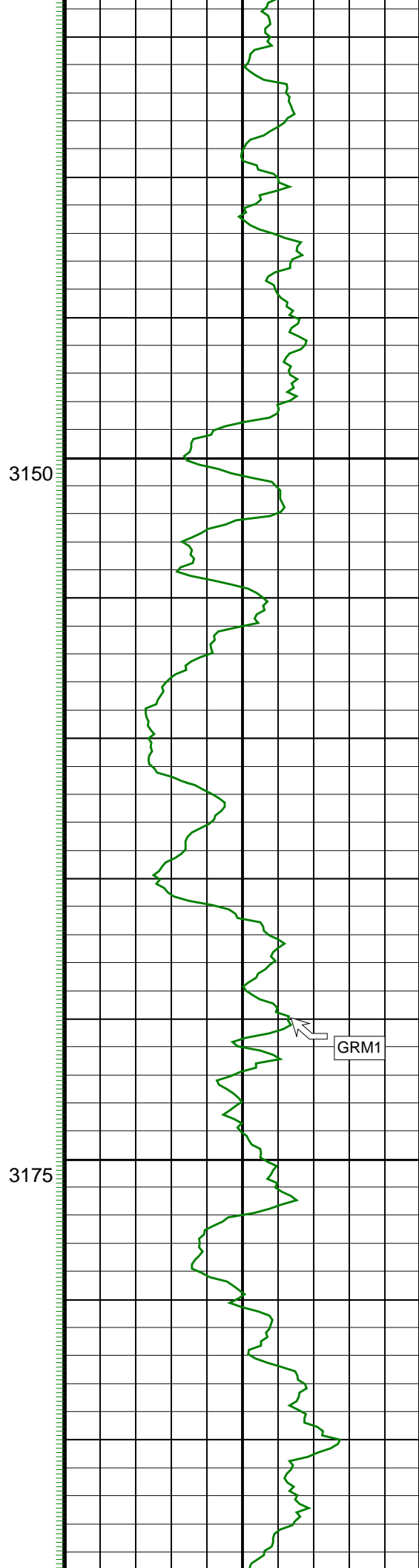
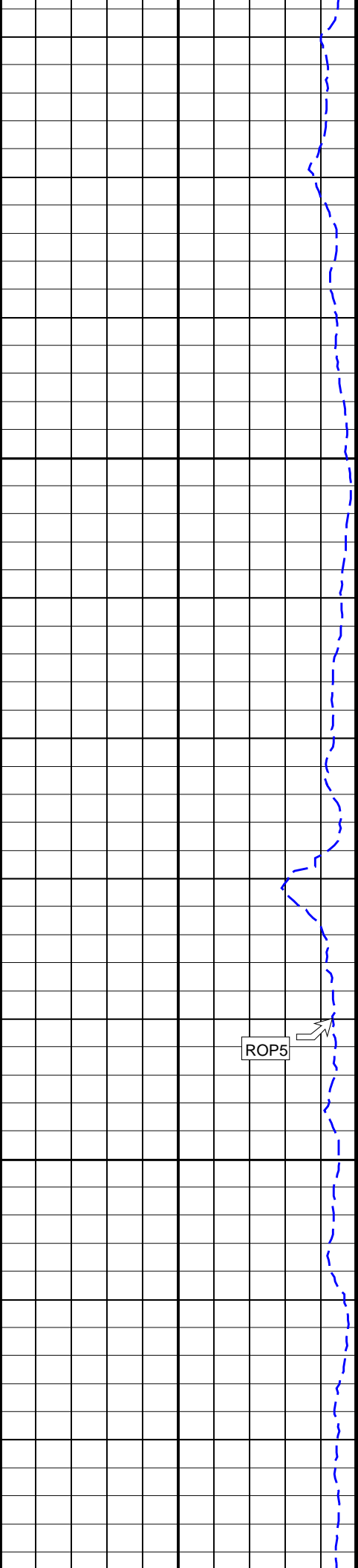
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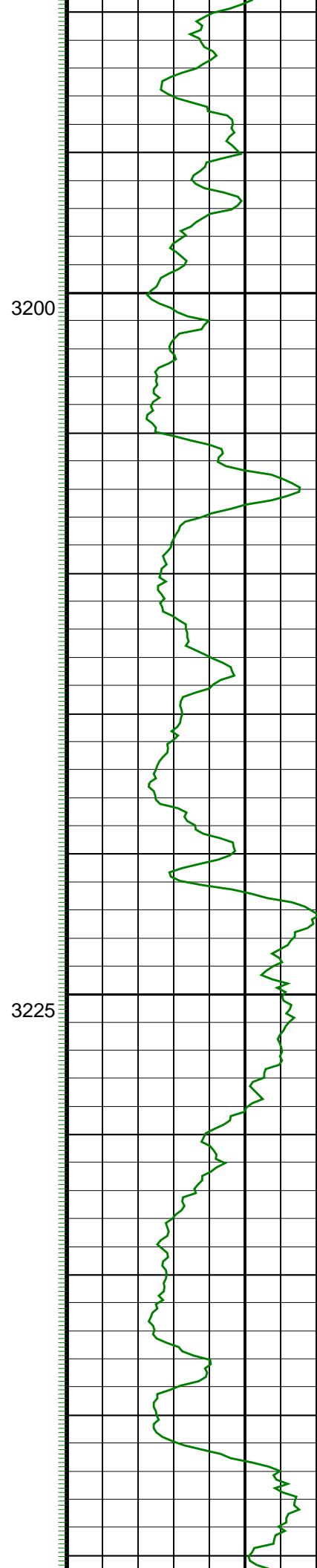
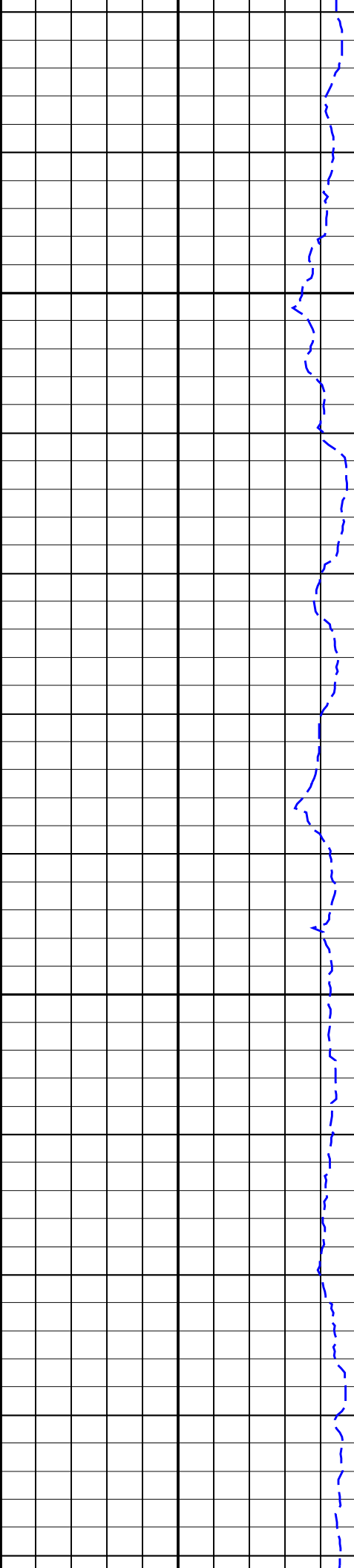
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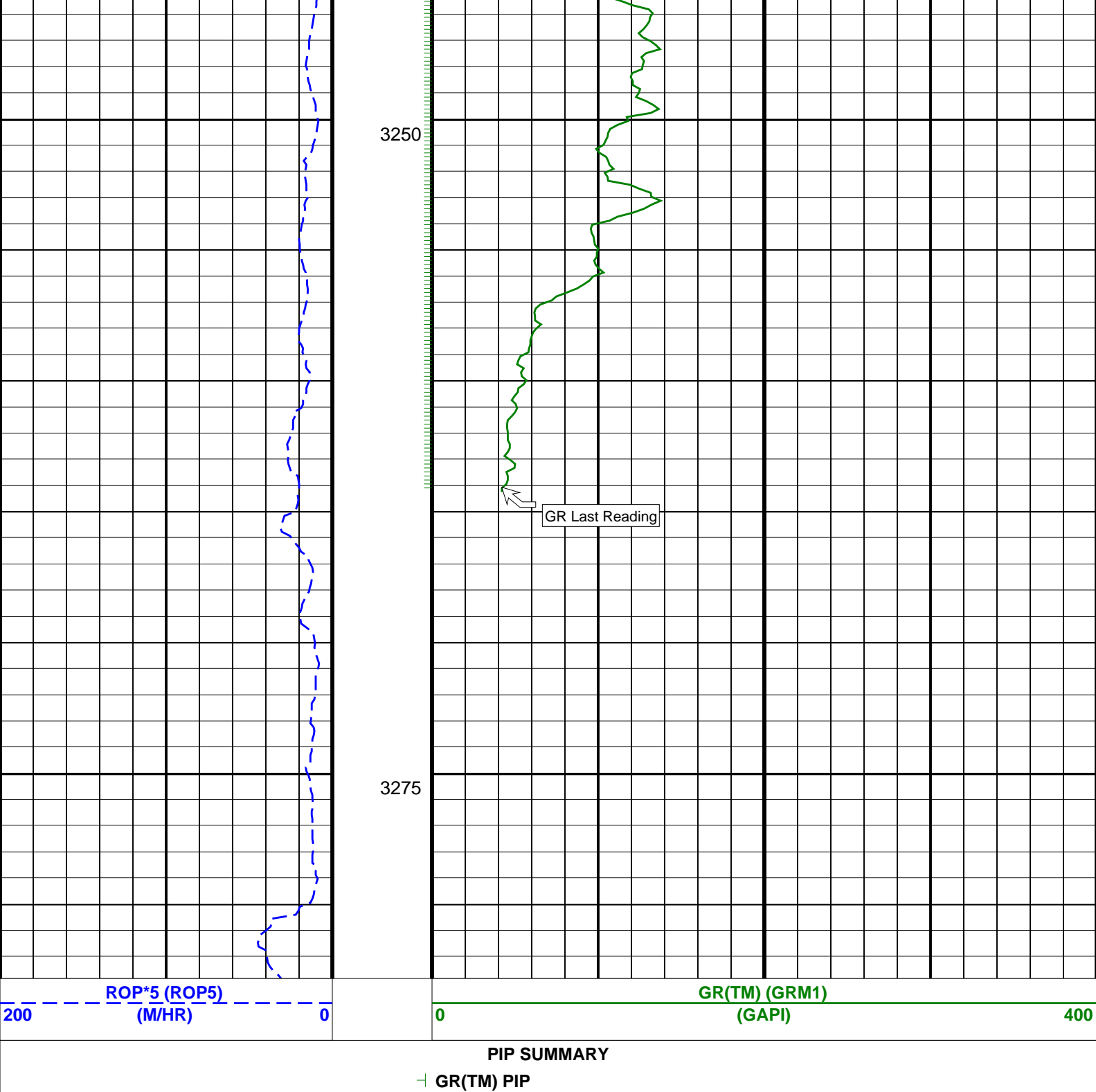
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Company:	ESSO Australia Pty. Ltd.	Schlumberger
Well:	TNA A15A	
Field:	Tuna	
Rig:	ISDL 453	
State:	Victoria	
Gamma Ray Service 1:200 Measured Depth Real Time log		

