



**Well: BMA A5A**

Field: **Bream A**

Rig: ISDL 453

State: **Victoria**

Gamma Ray Service  
1:200 Measured Depth  
Real Time Log

Depth logged:	896.0 m To 2791.6 m	Mag decl:	13.10°	Other services: Directional Drilling, D&I
Date logged:	11-June-05 To 14-June-05	Mag dip:	-69.03°	

DISCLAIMER

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OTHER SERVICES FOR RUN1 Directional Drilling Directional Surveys	OTHER SERVICES FOR RUN	OTHER SERVICES FOR RUN
<p>REMARKS: RUN NUMBER 1 8-1/2 in. hole was drilled from 896.0 m to 2810.0m MD</p> <p>Depth is referenced to Driller's Depth.</p> <p>Gamma Ray corrected for Tool Size, Bit Size and Mud Weight.</p> <p>Mud Type is KCl/PHPA/Glycol.</p> <p>POOH due to TD of BMA A5A</p> <p>Data Gaps due to Power Shutdown between 1428.0m to 1431.5m MD</p> <p>Reamed Down for Data between 1116.0m</p>	REMARKS: RUN NUMBER	REMARKS: RUN NUMBER








EQUIPMENT DESCRIPTION

RUN1

RUN

RUN

DOWNHOLE E

6-3/4 in. Pov MDC: Z MEC: 1 MDI: 1 MGR: 52 DHS: V8.		23.3
D&I GR		19.0 18.4
APW		15.8
6-3/4 in. N S/N: 970		14.9
8-3/8 in. NM Rc S/N: GU2		13.5
6-1/4 in. FI S/N: 961		11.5
7 in. PowerPe A700G1 S/N: N7 1.5 deg. Bent 8-3/8 in. Mot		9.1



— 0.00 0.25

Smith PC  
OD: 8-1  
S73VPX S/N

Maximum string dia  
All lengths in

# Bit Run Summary

Run number		1									
Bit size	in.	8.5									
Bit start depth	m	896.0									
Bit end depth	m	2810.0									
Top interval logged	m	896.0									
Bottom interval logged	m	2791.6									
Begin log: time		0:02									
Begin log: date		11-Jun-05									
End log: time		16:30									
End log: date		14-Jun-05									
Mud data											
Depth	m	2810.0									
Type		KCl/PHPA/Glycol									
Mud weight	ppg	10.08									
Solids	%	8.5									
Chlorides	mg/L	45,500									
Rm		N/A									
Rmf		N/A									
Rmc		N/A									
Potassium	%	4.5									
Environmental data											
GR											
Mud weight	ppg	10.08									
Bit size	in.	8.5									
Resistivity											
Neutron porosity											
Hole Size											
Mud weight											
Temperature											
Mud salinity											
Formation salinity											
Recording rate 1	SEC	9.47									
Recording rate 2	SEC	N/A									
Filtering GR		3 pt.									
Filtering density		N/A									
Filtering Neutron		N/A									
Company representative		G. Campbell	J. MacKinnon	M. Jackson							
Schlumberger D&M Personnel		R. Borjas	L. Johnston	C. Cocks	T. Auger						

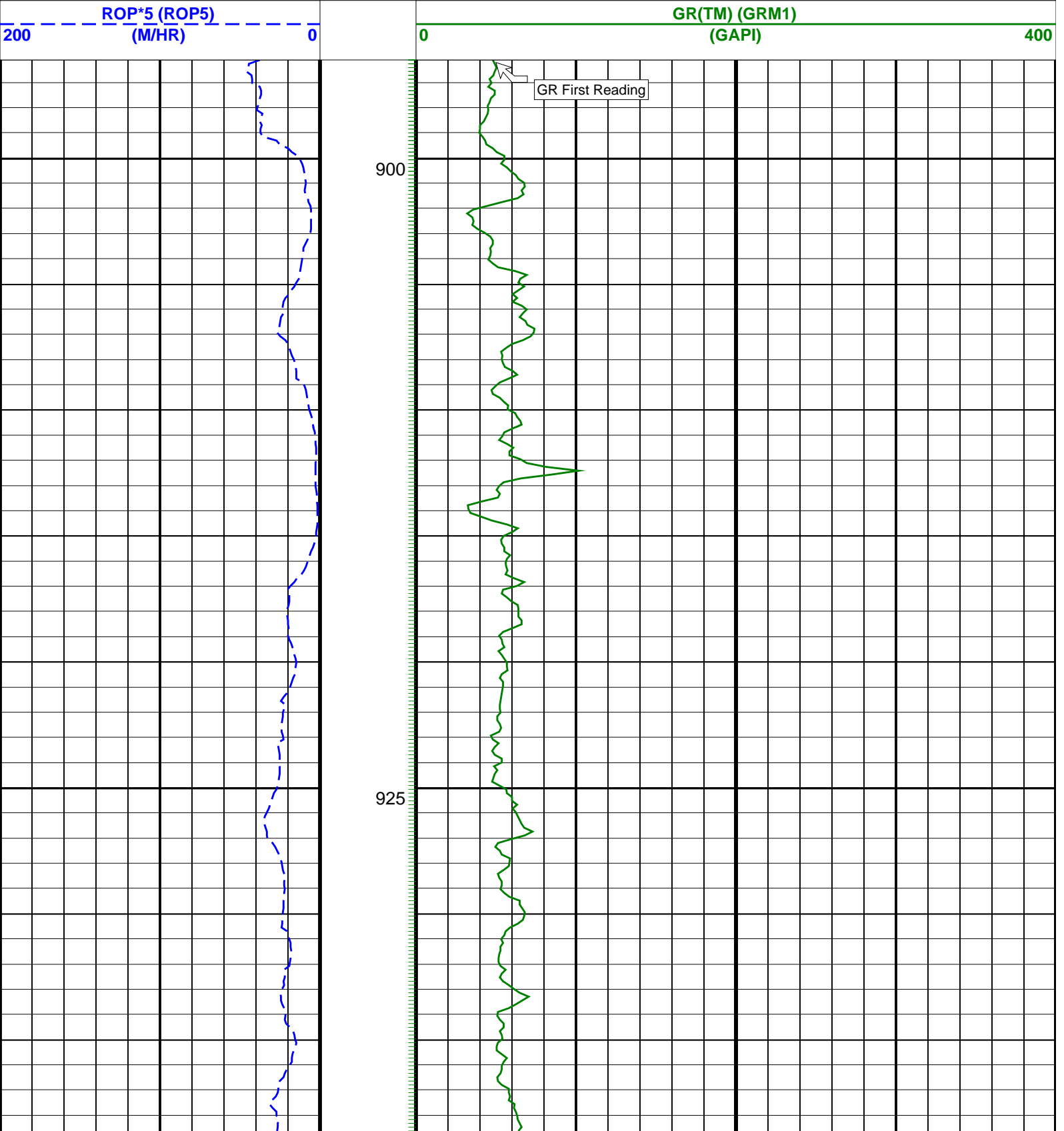
# BMA A5A RT 1:200 MD

IDEAL Version: ID10\_2B\_08 <MD> Vertical Scale: 1:200

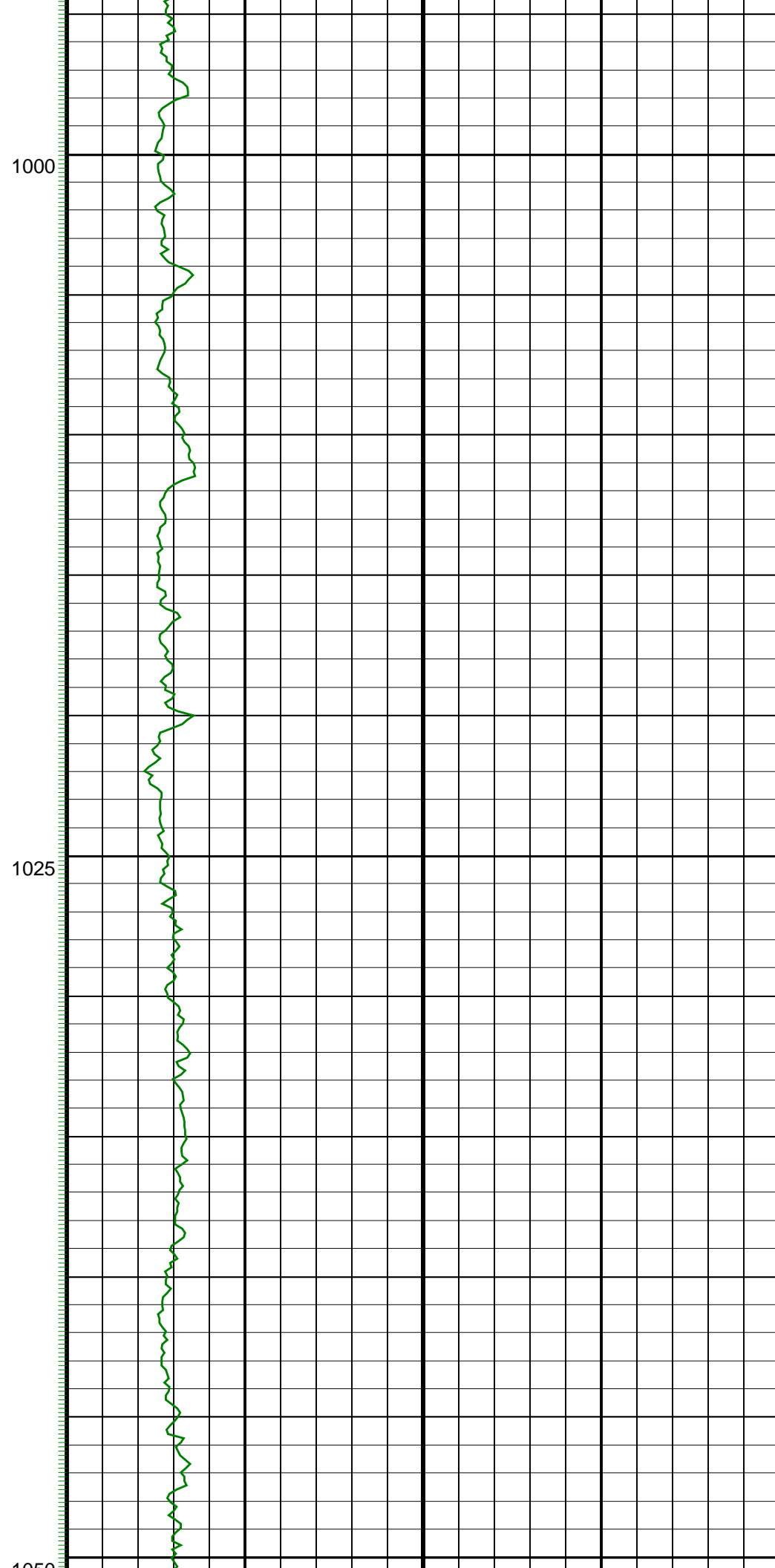
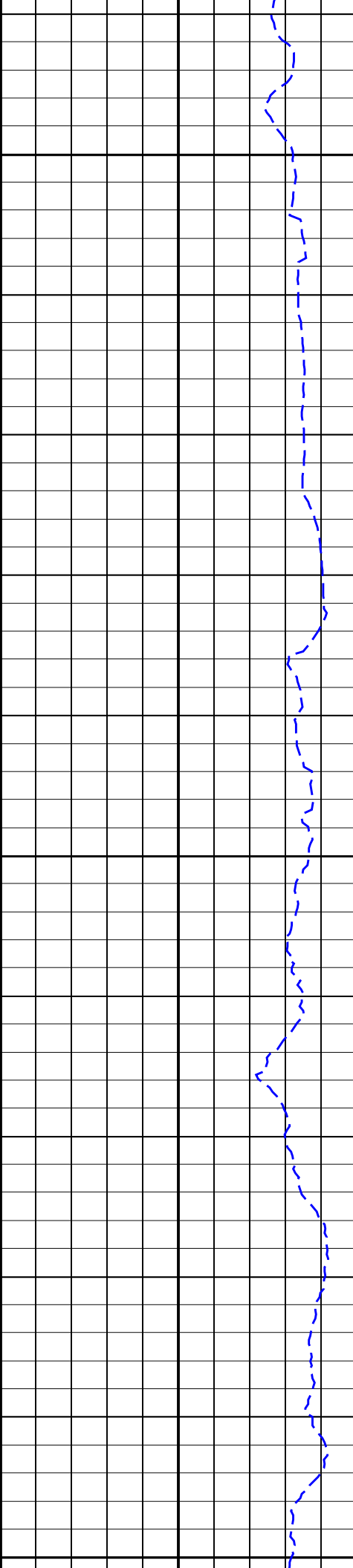
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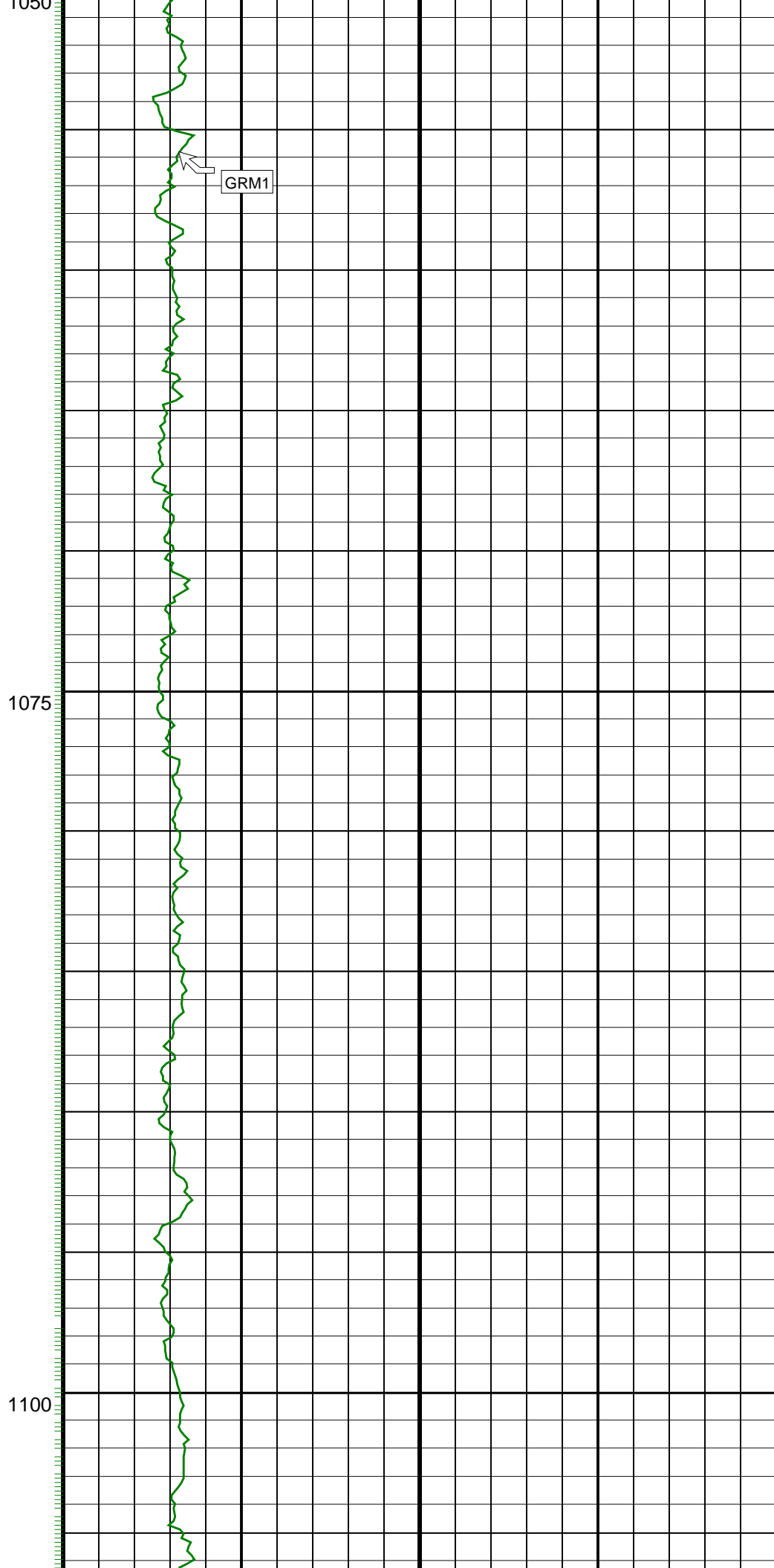
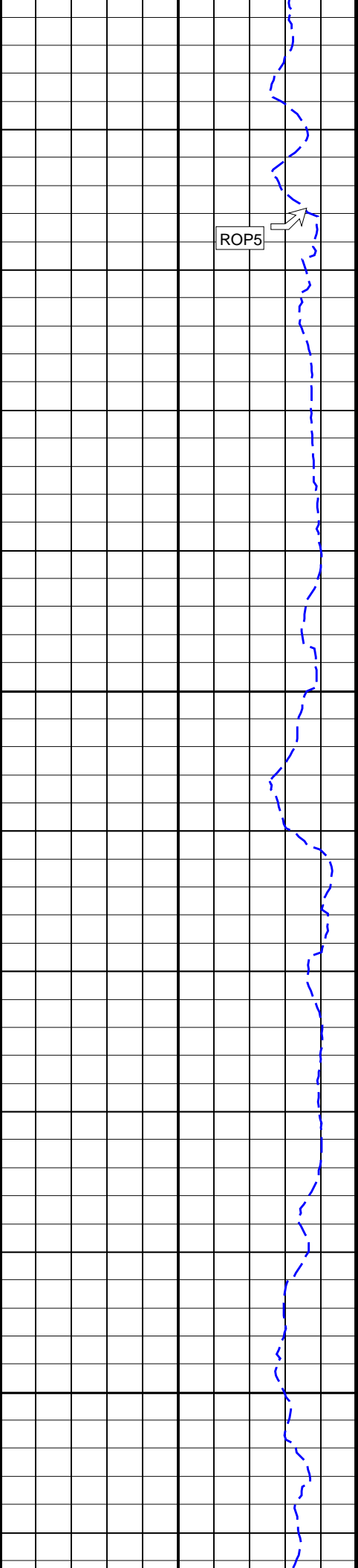
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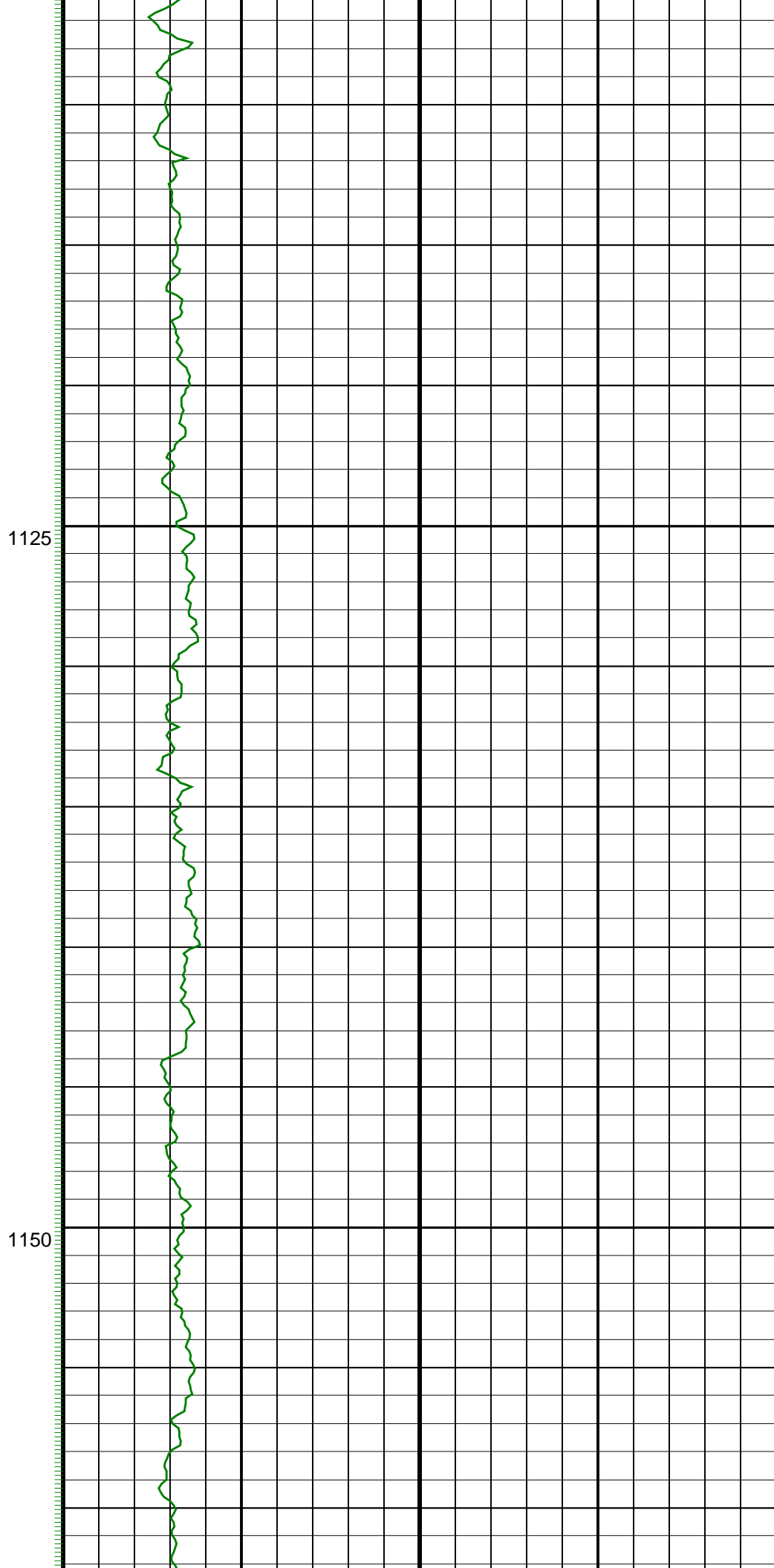
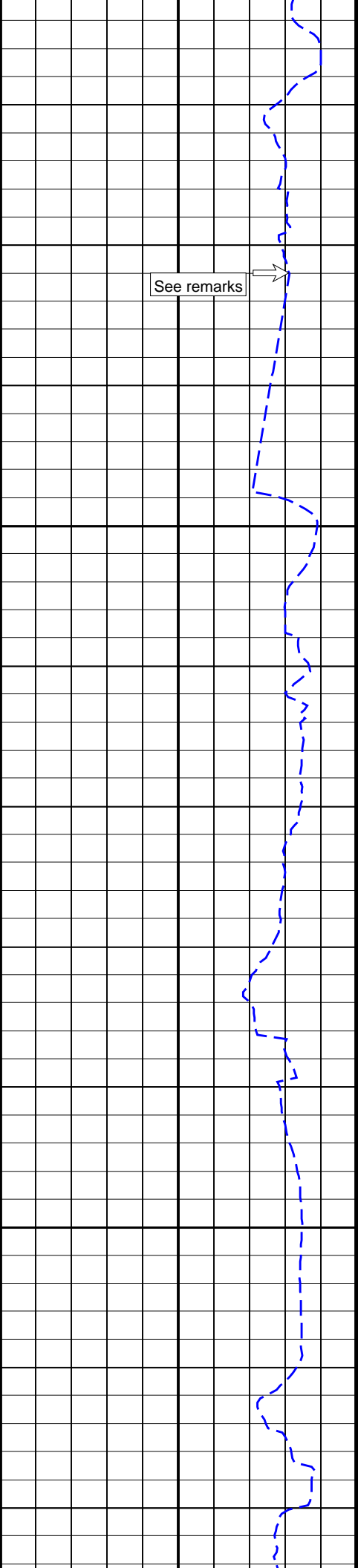
GR(TM) PIP



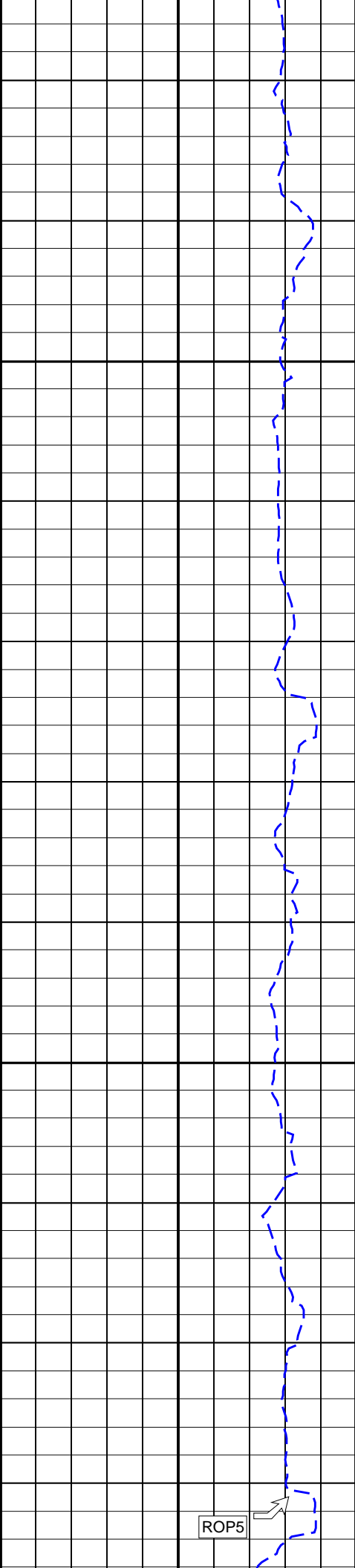








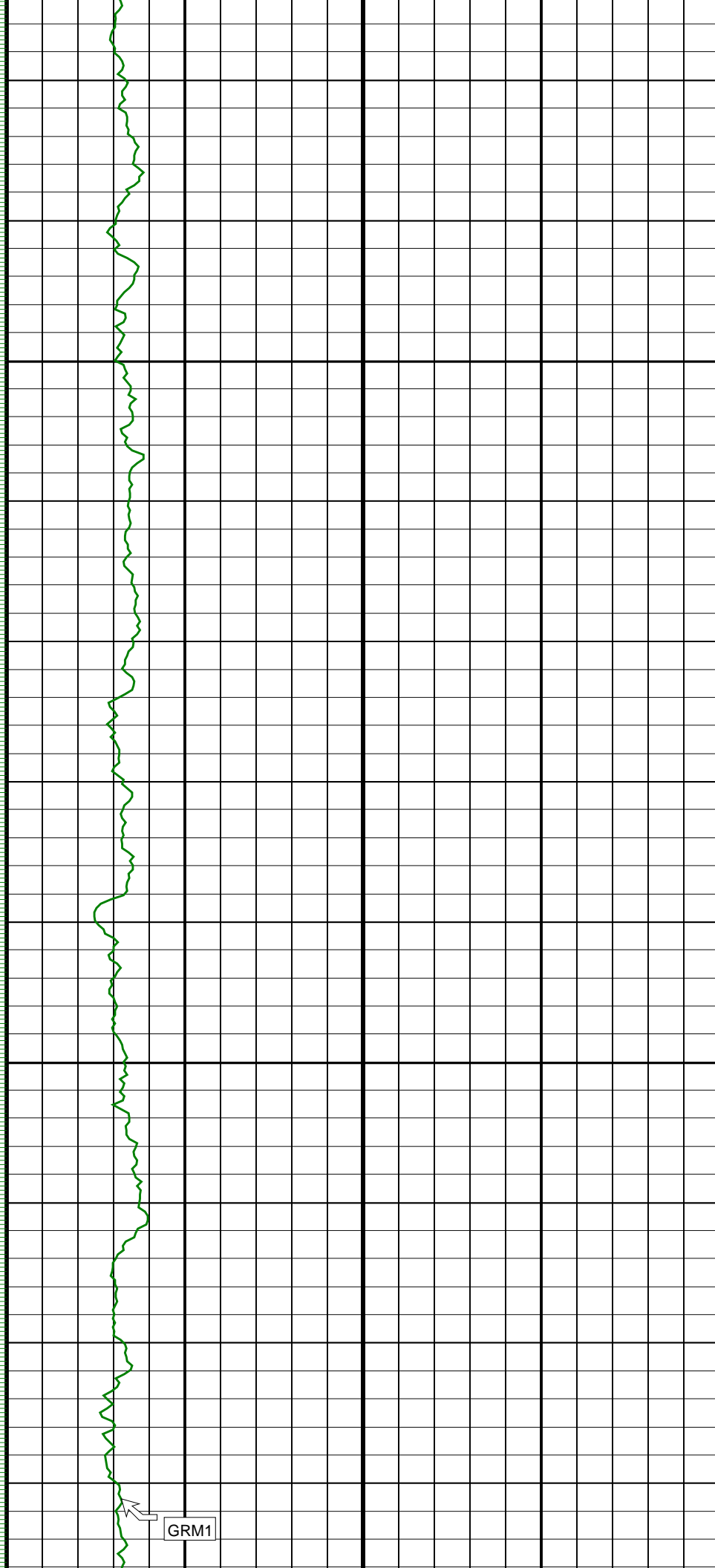




ROP5

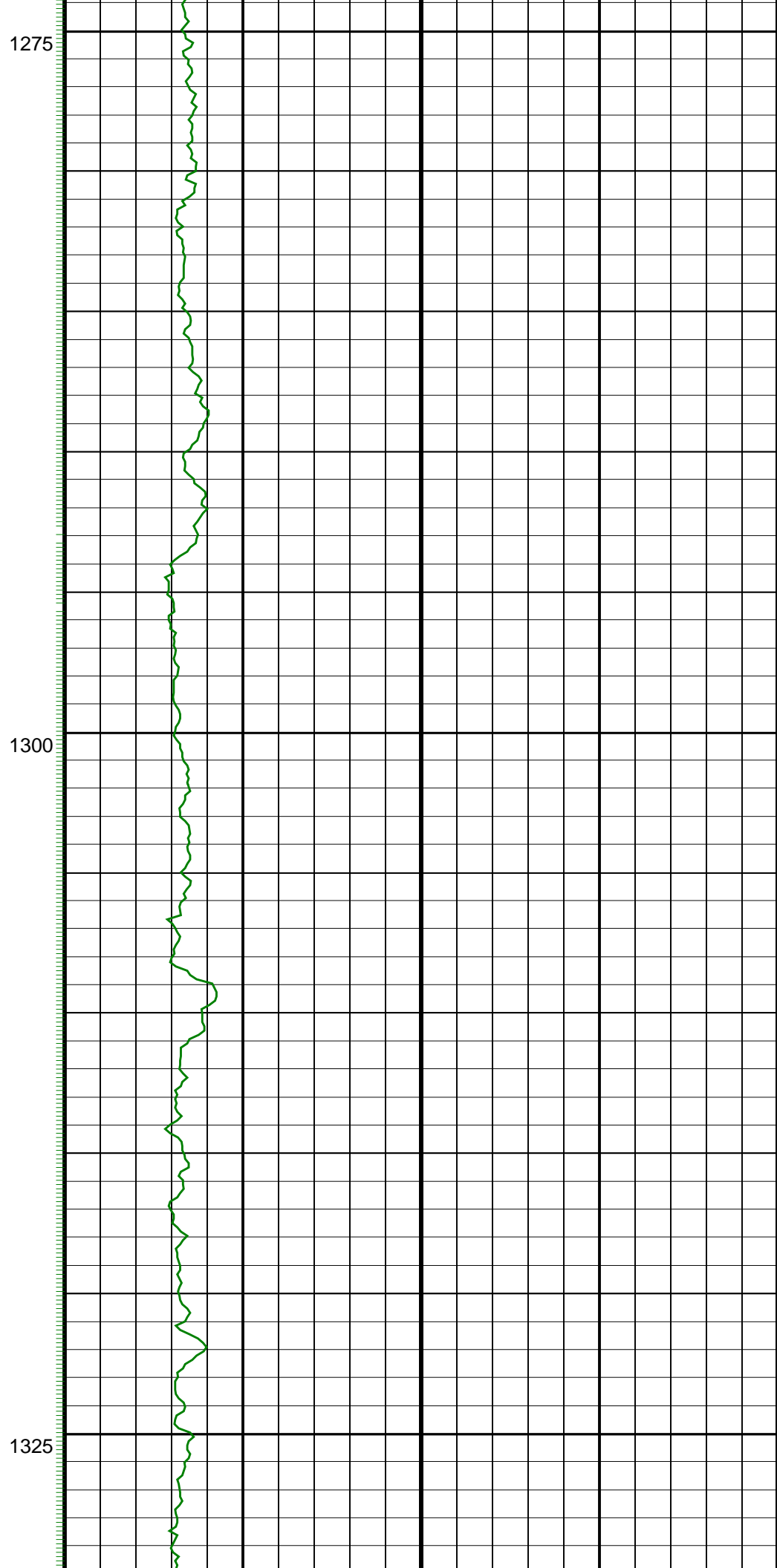
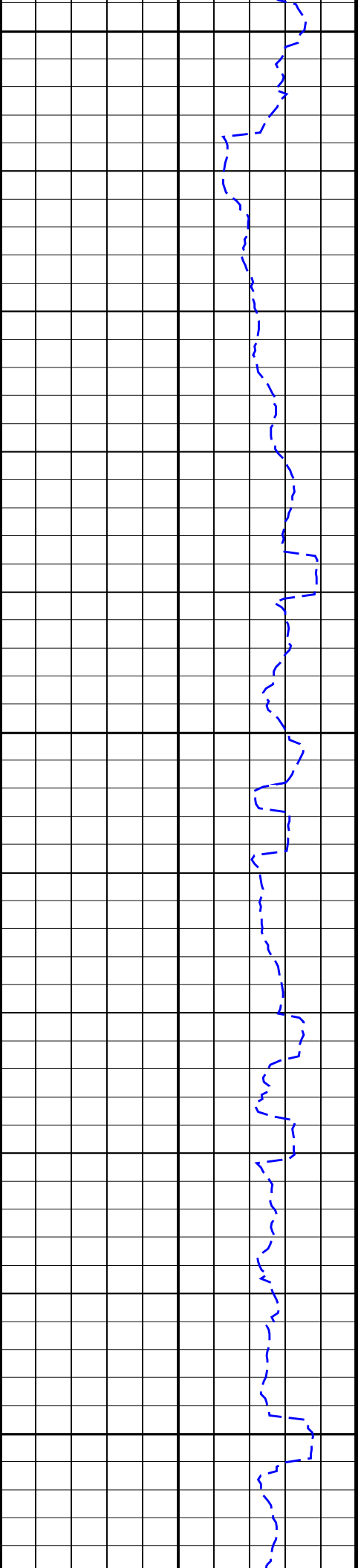
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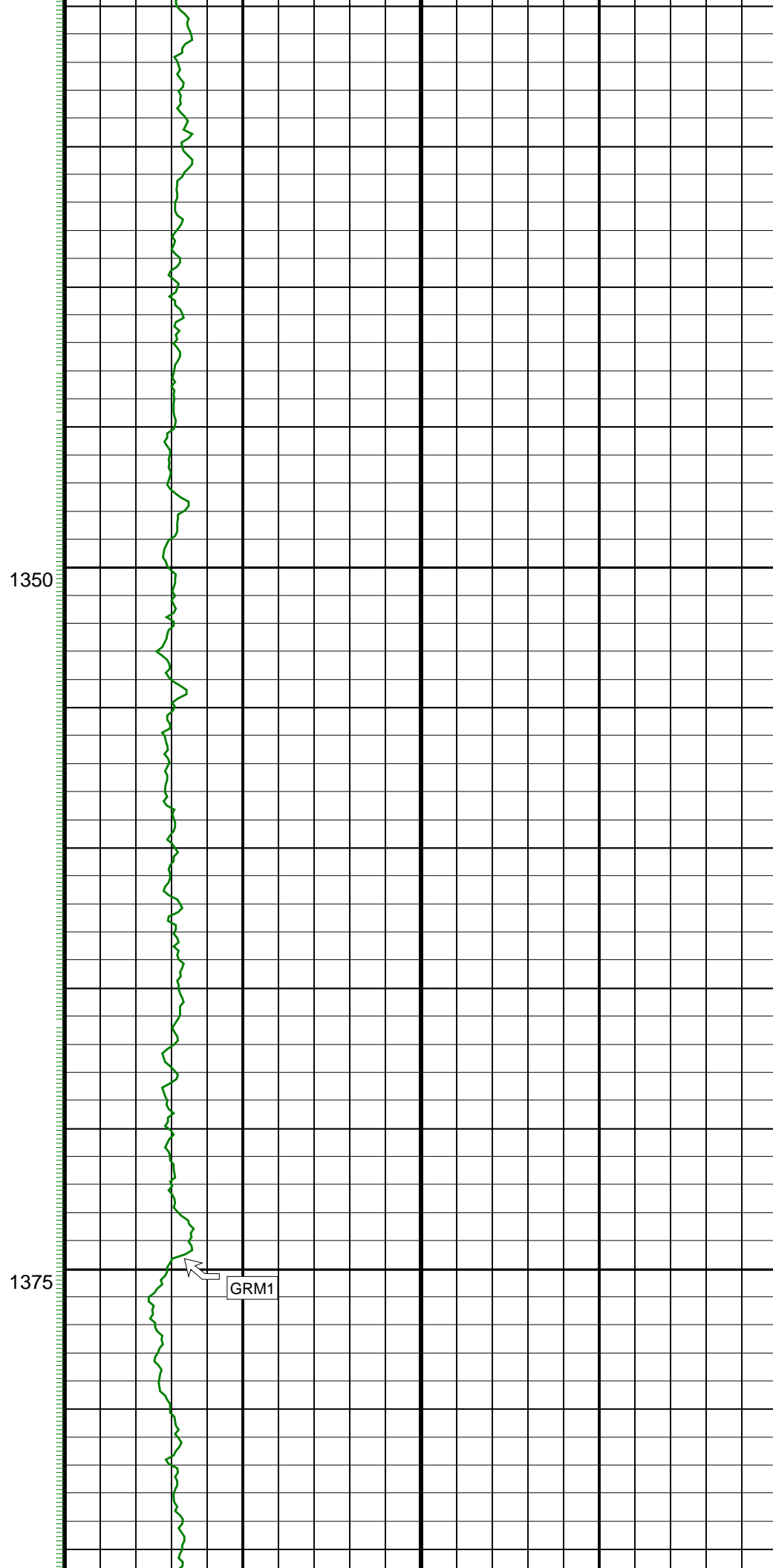
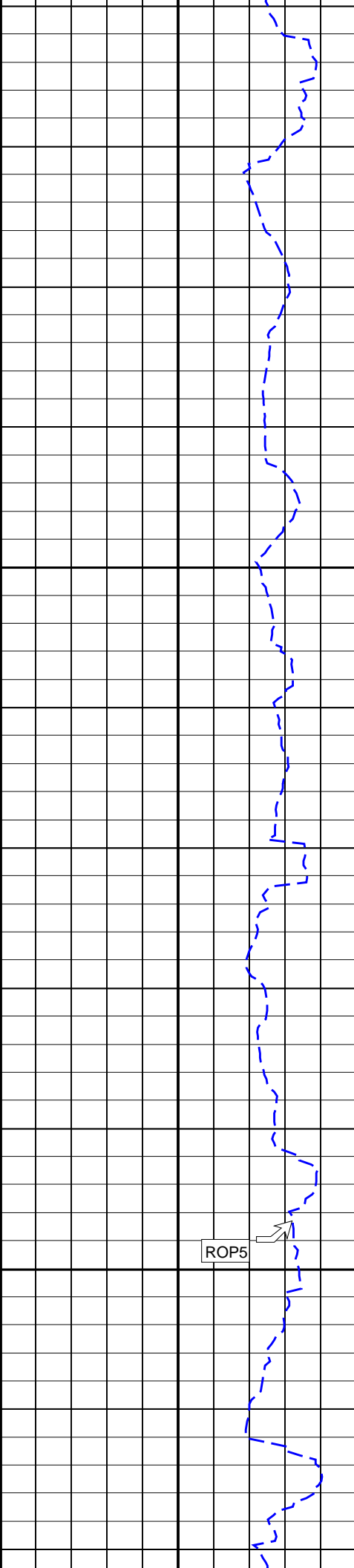
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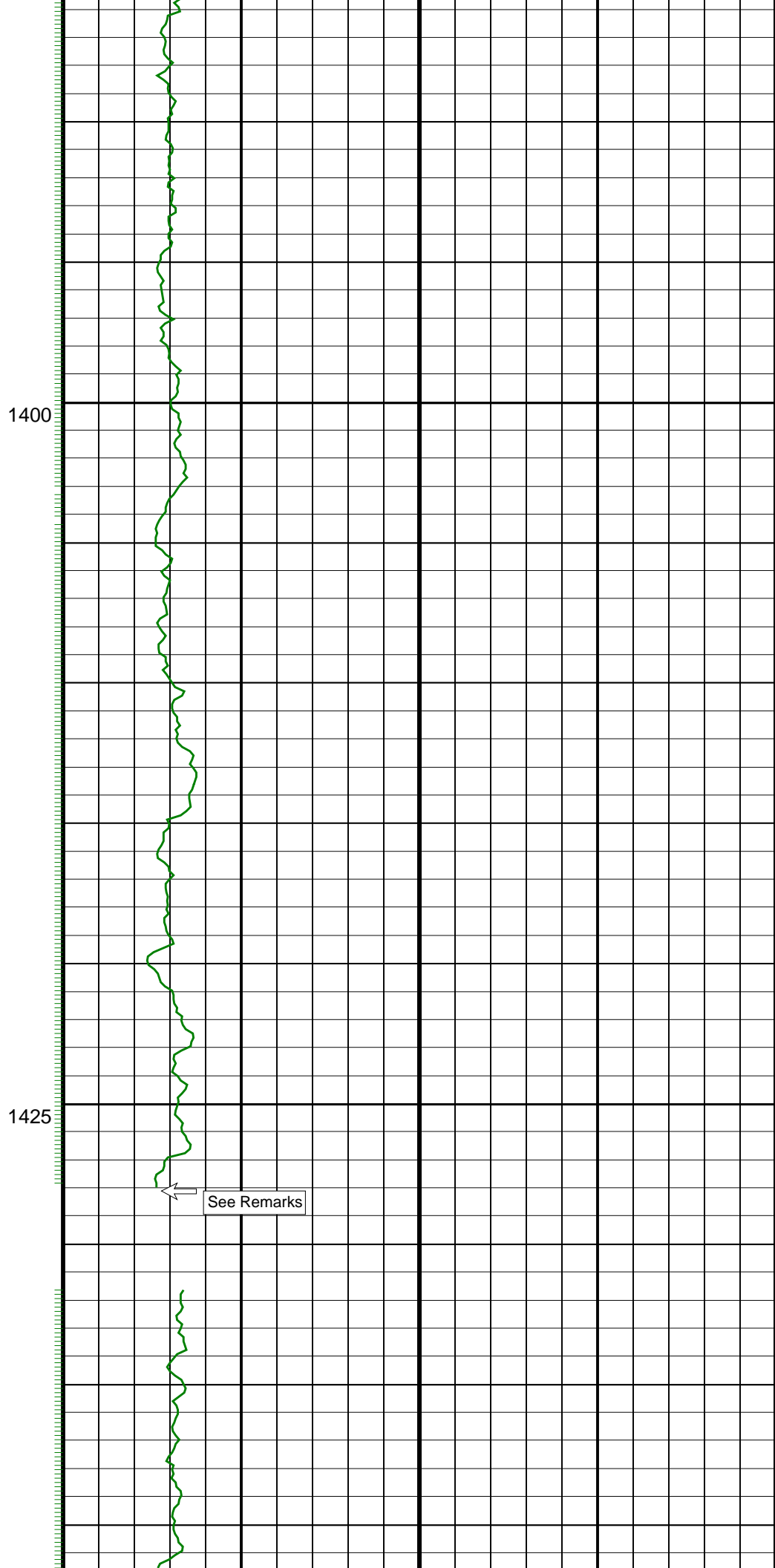
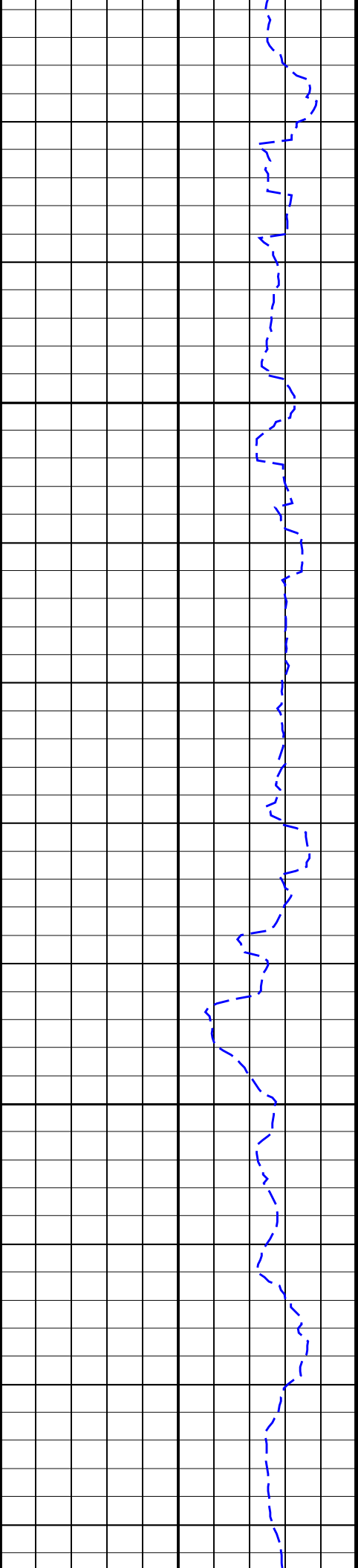


GRM1







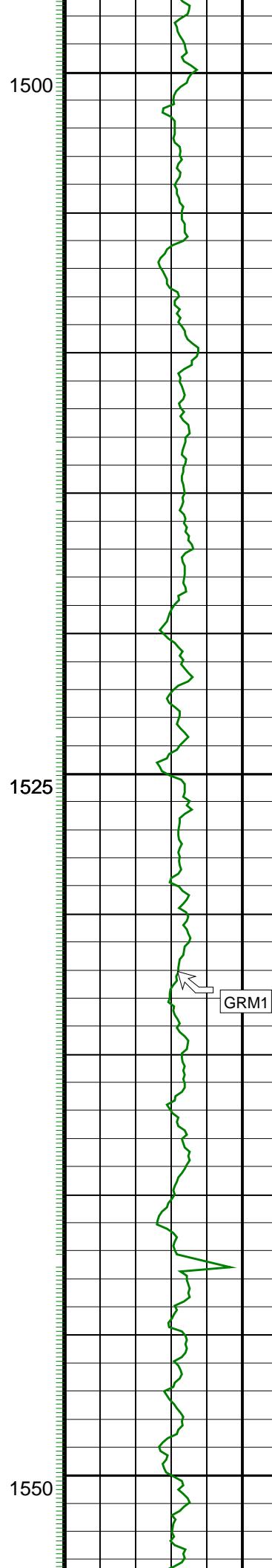
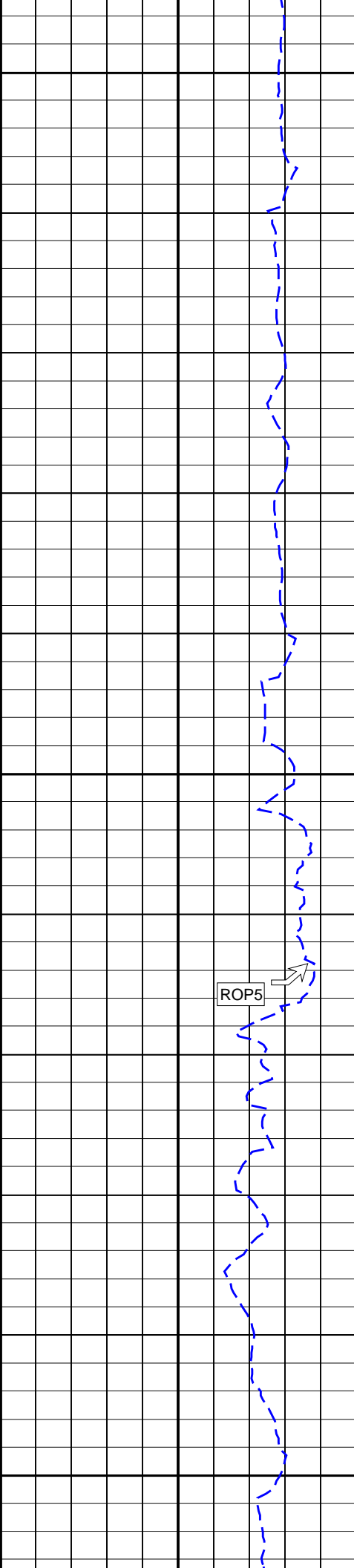


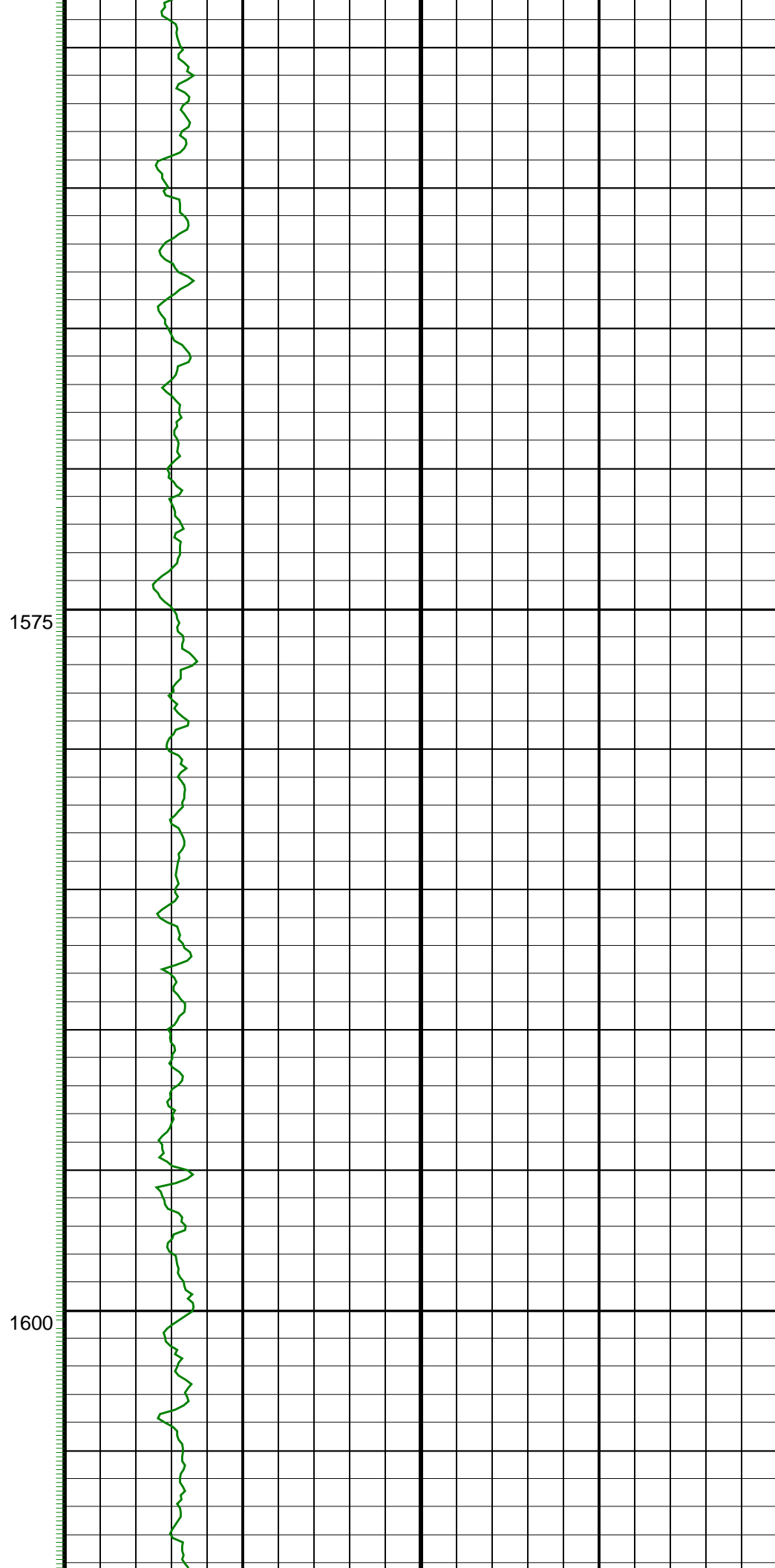
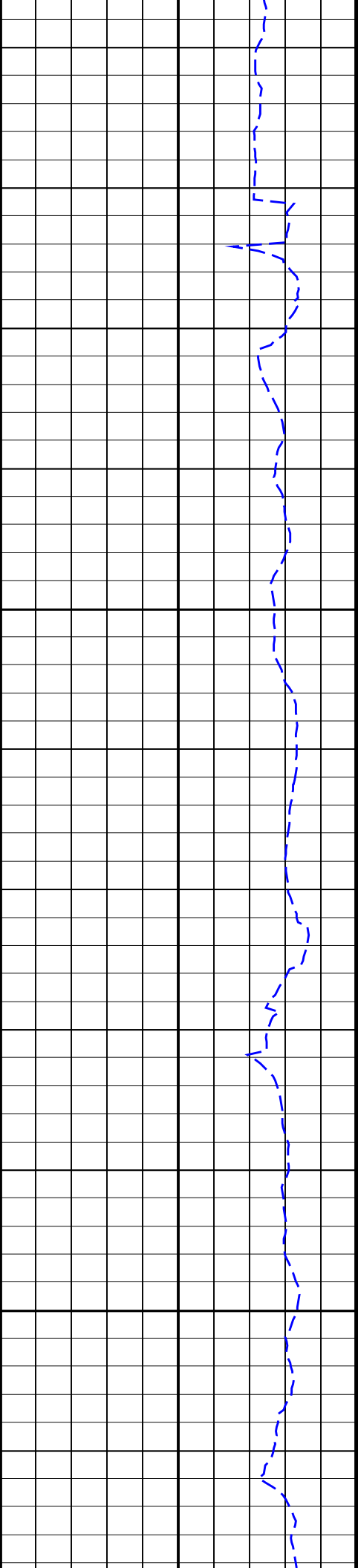
See Remarks



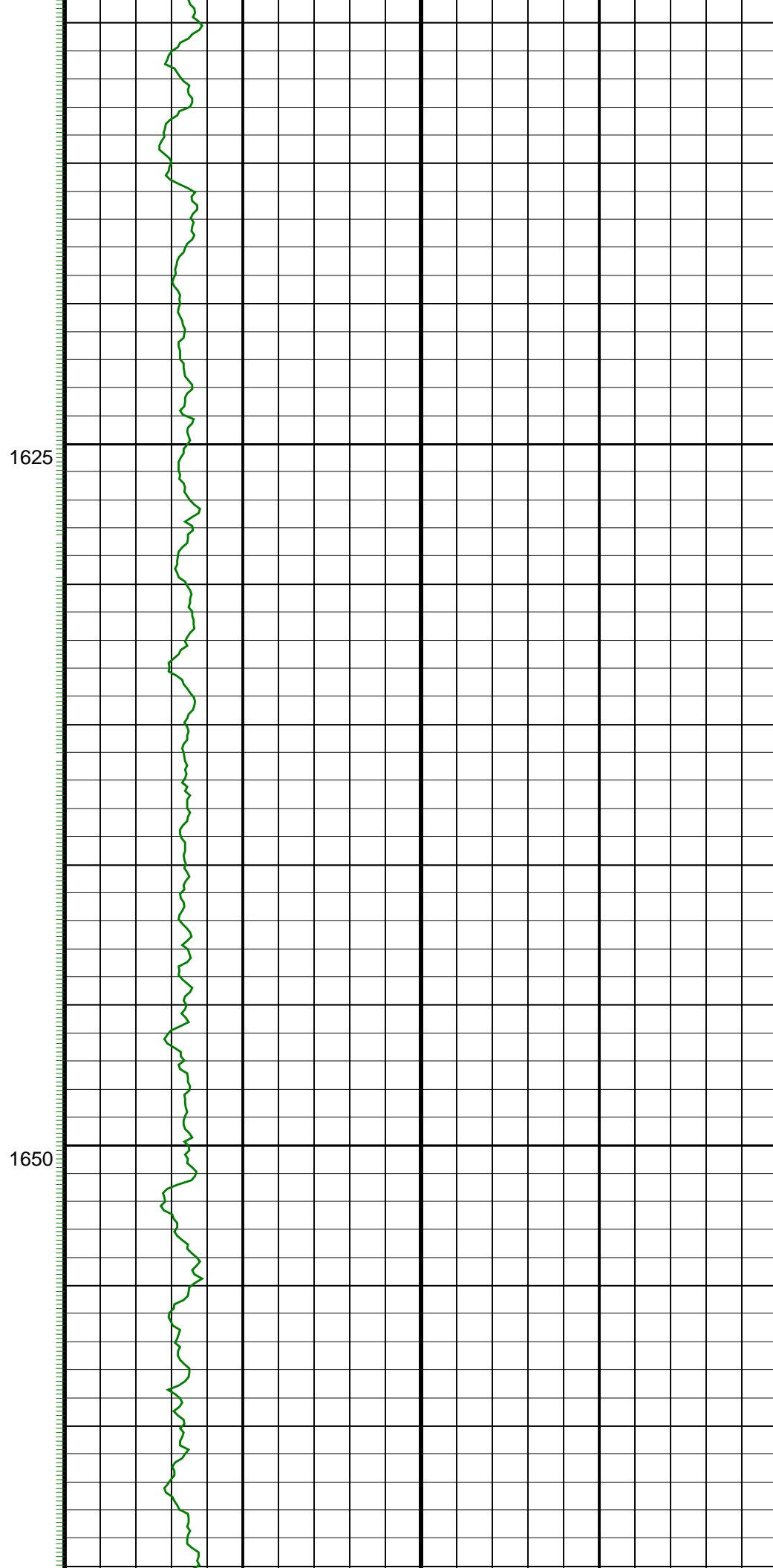
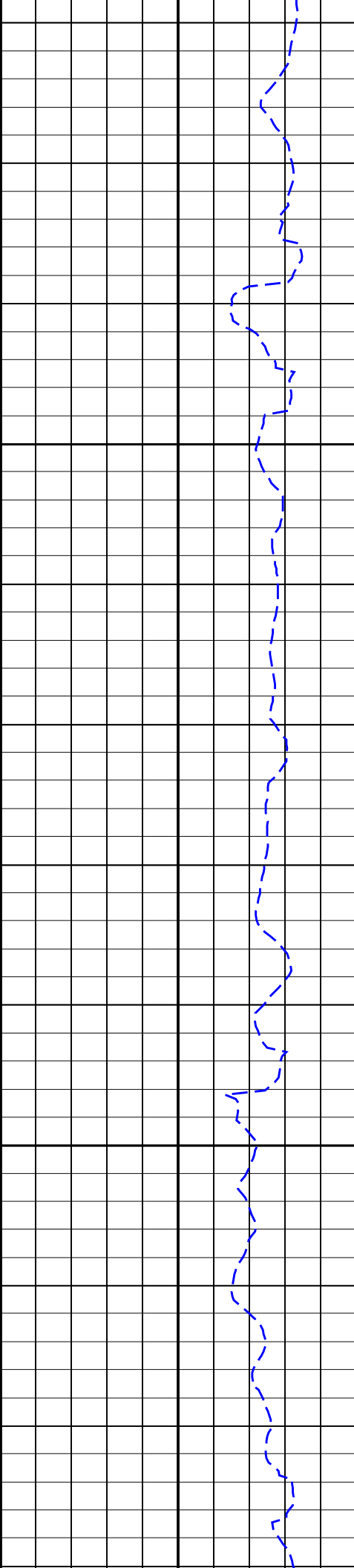
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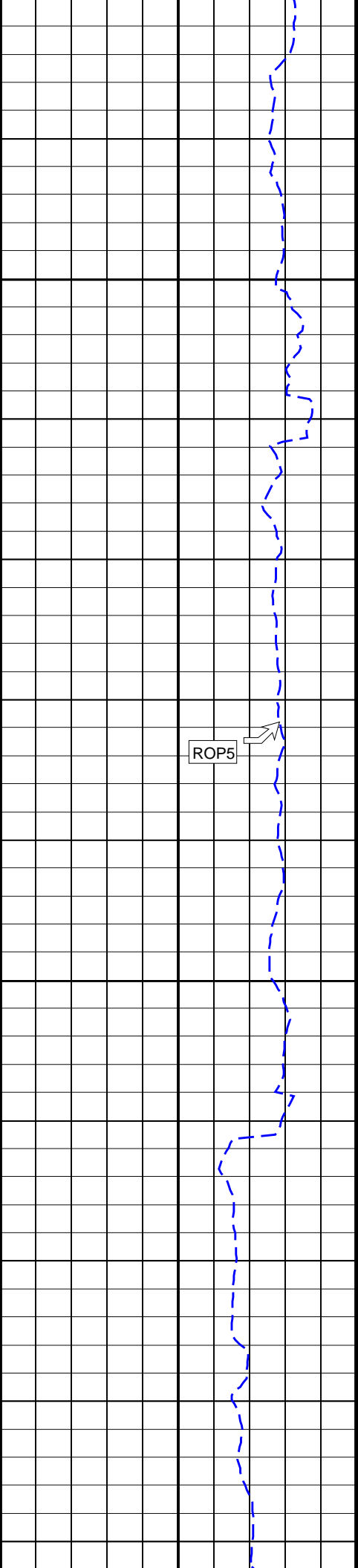
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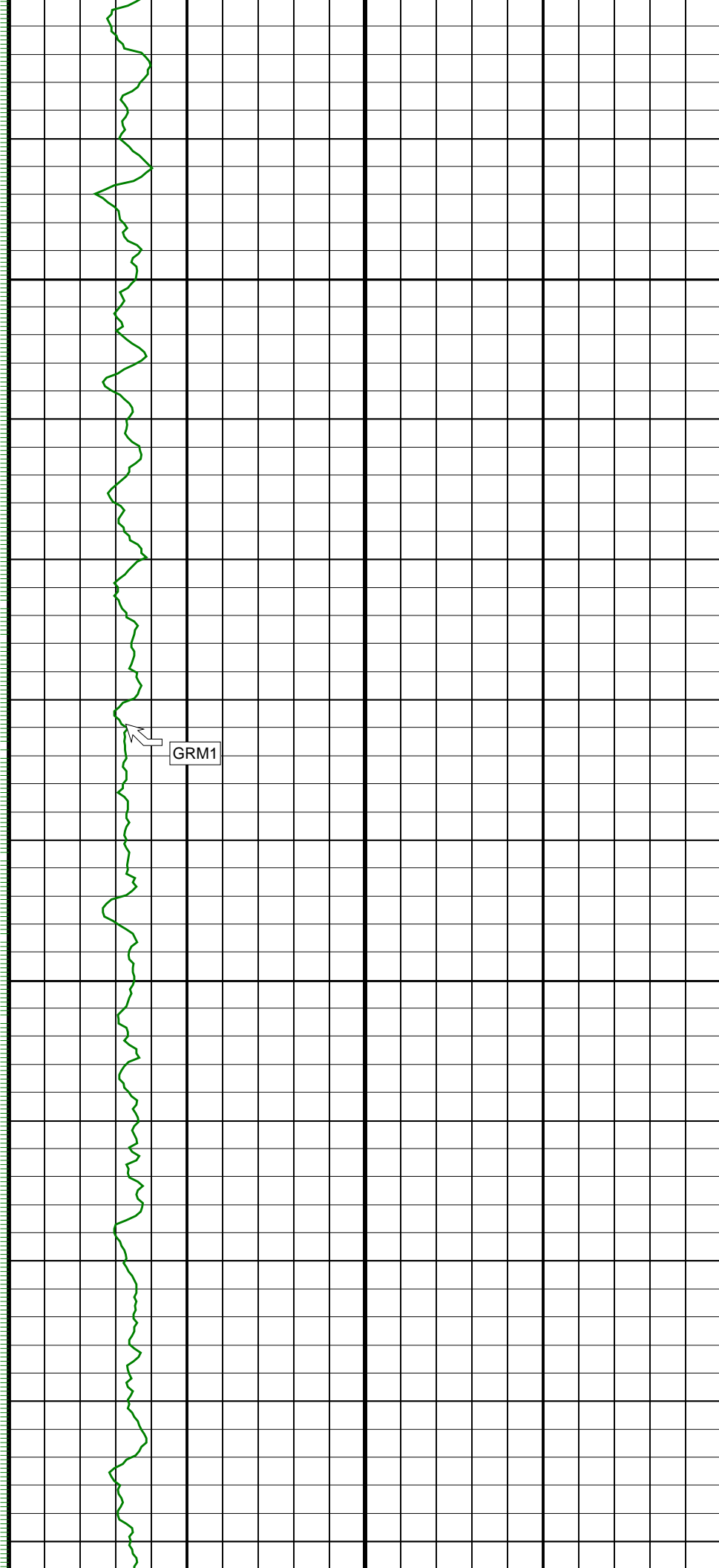


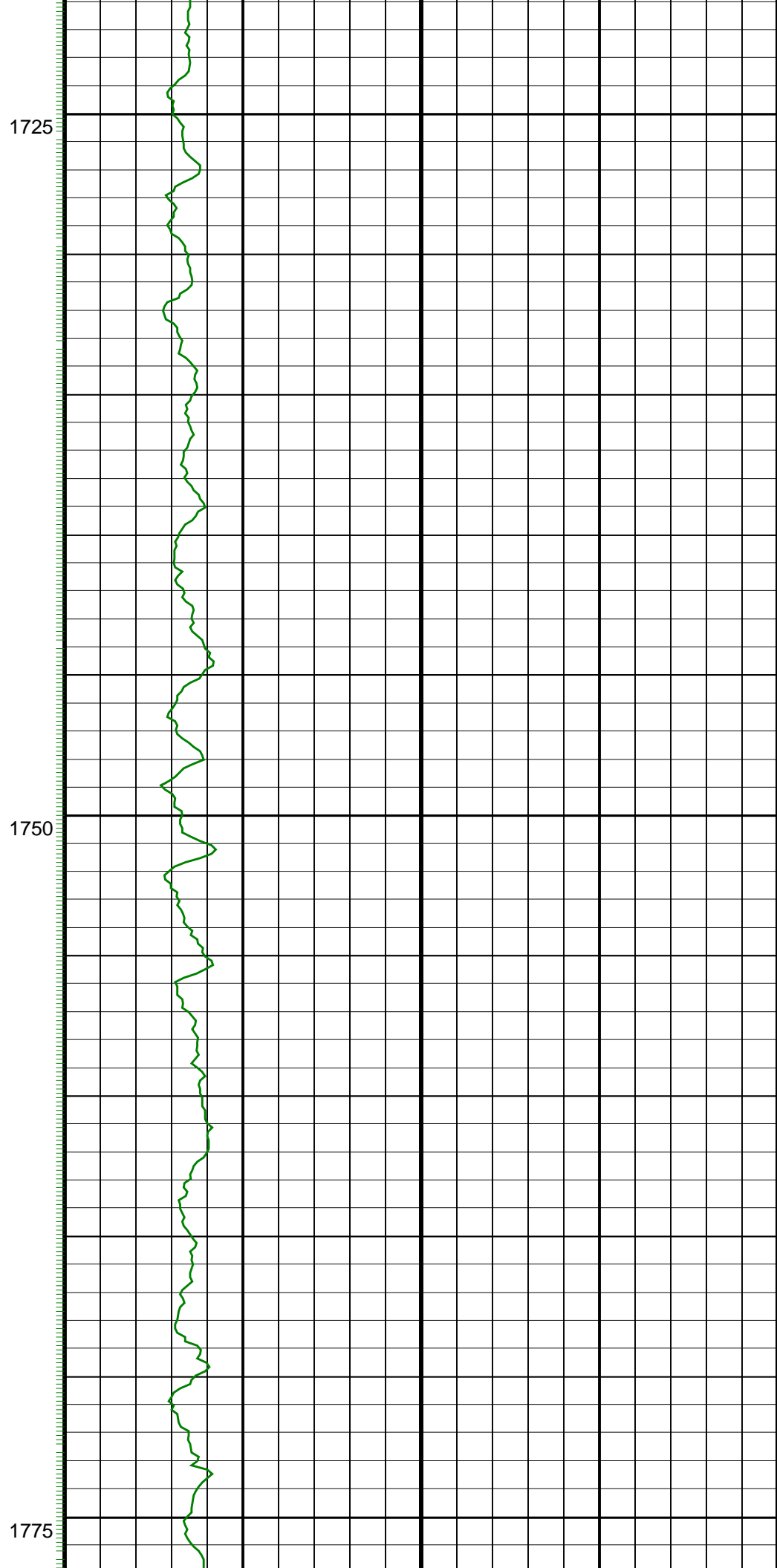
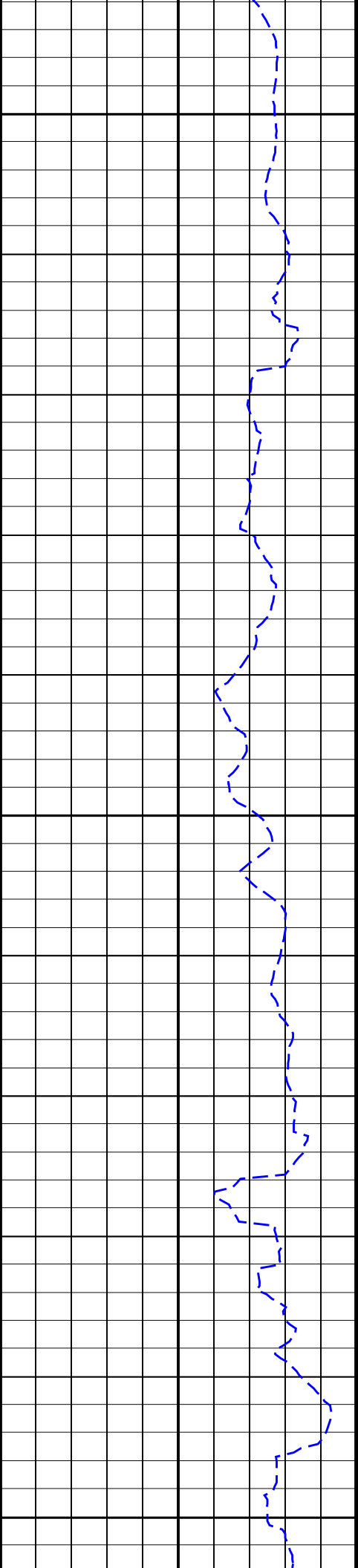


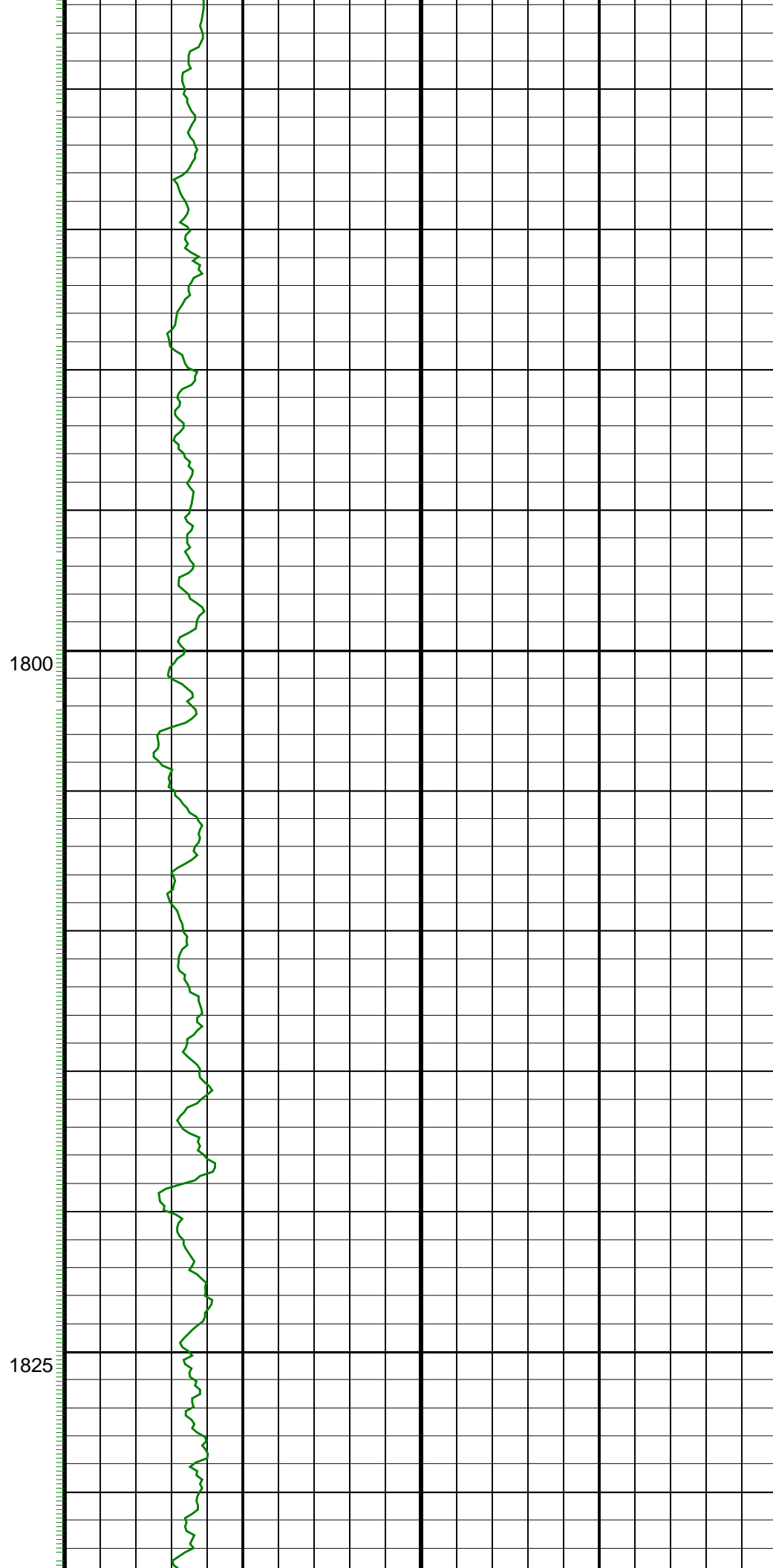
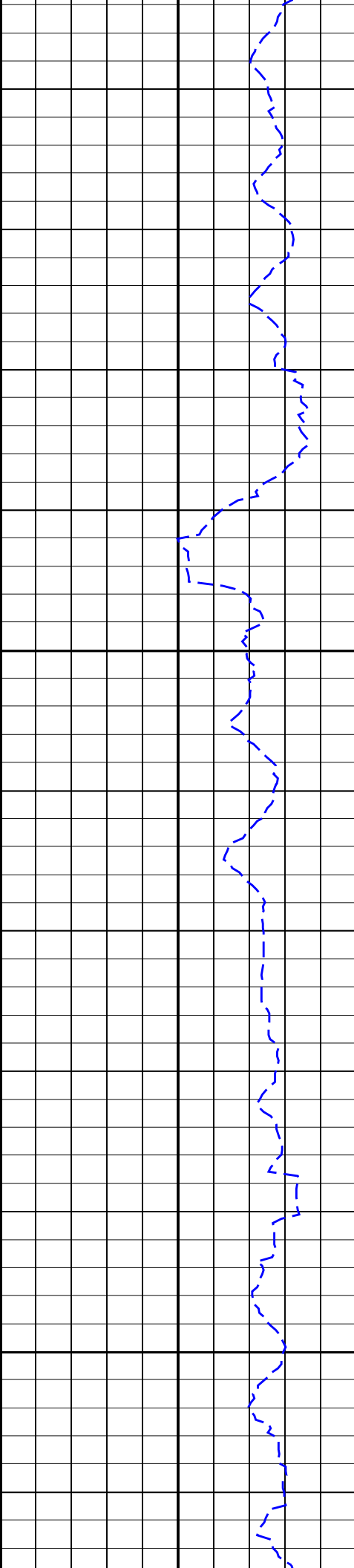


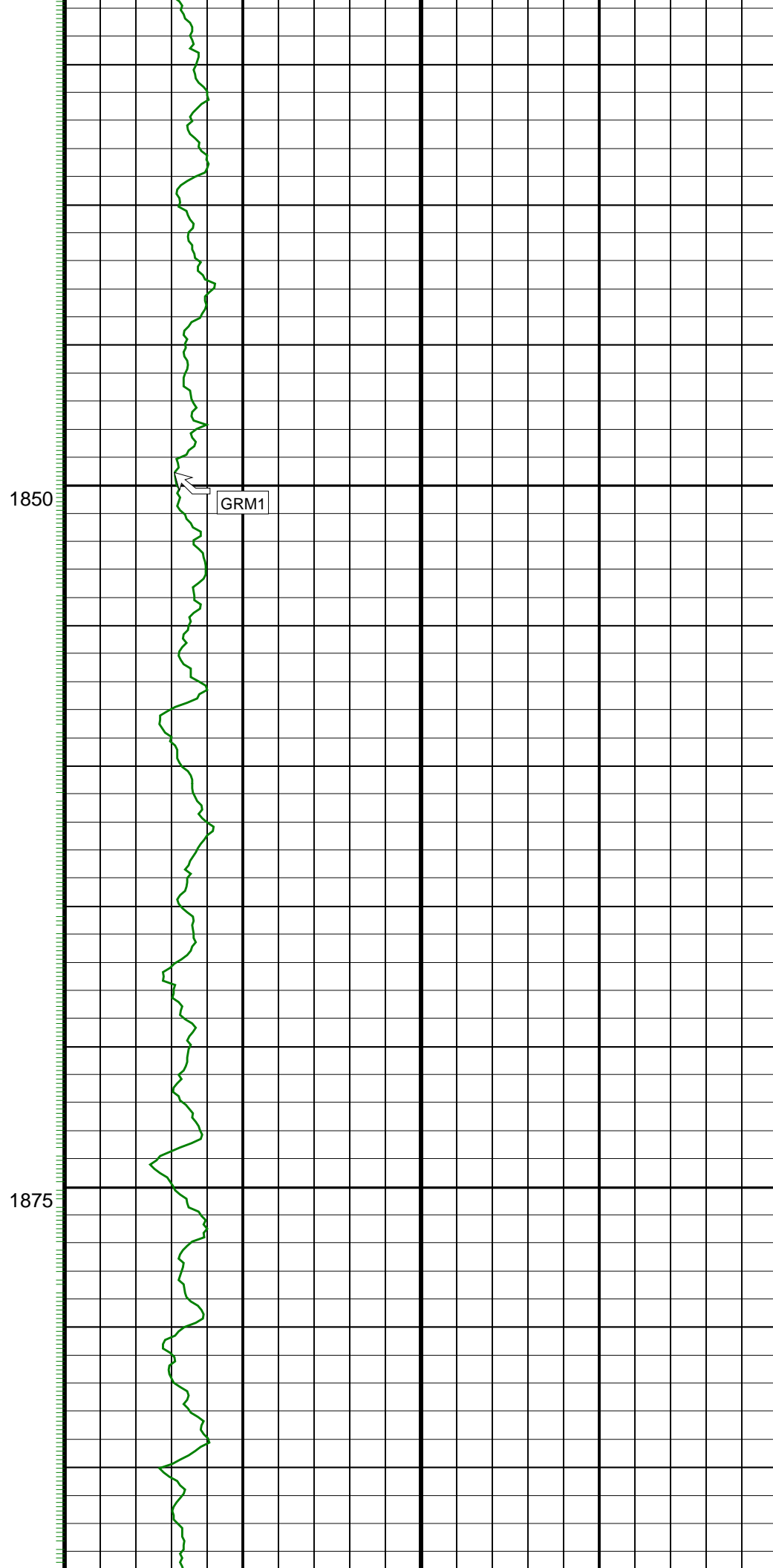
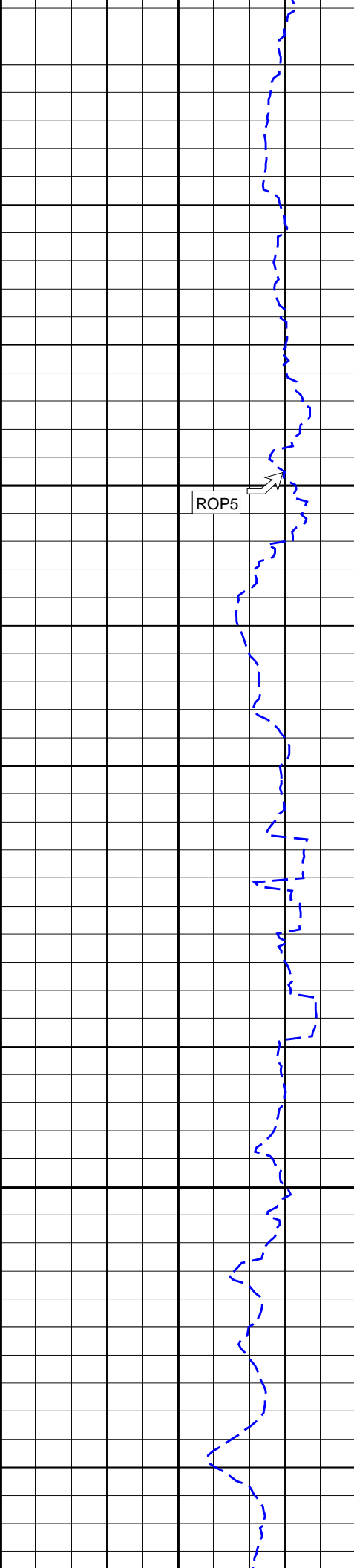
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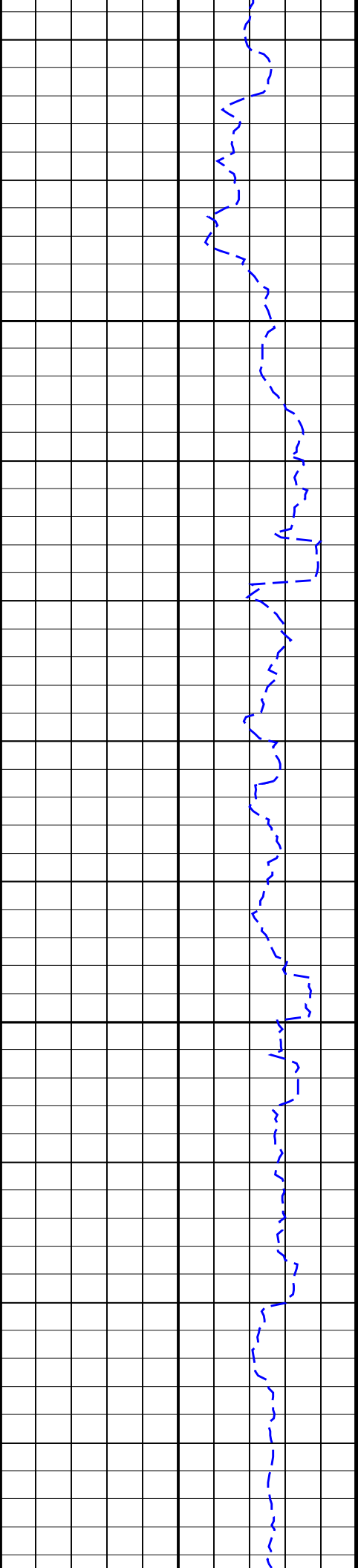
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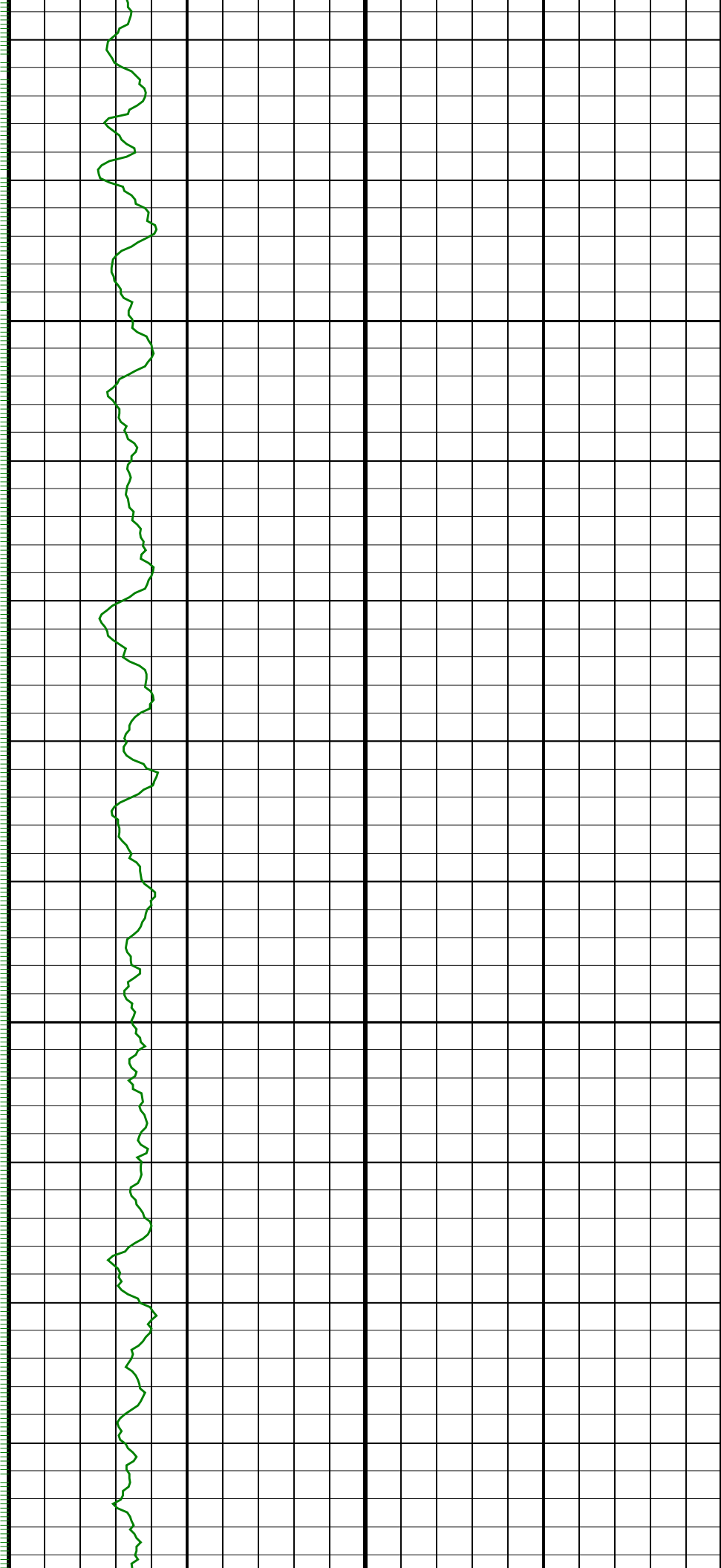


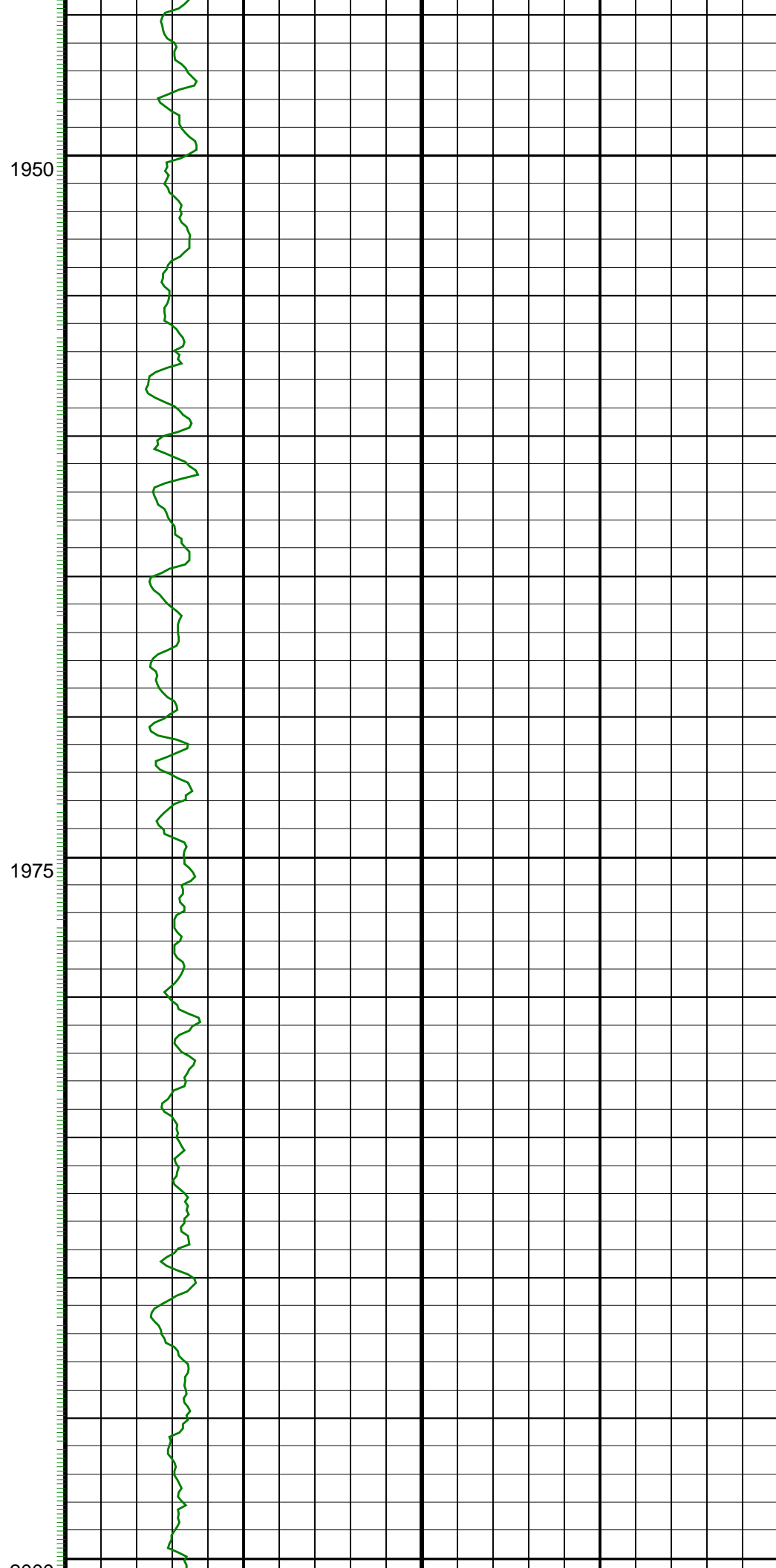
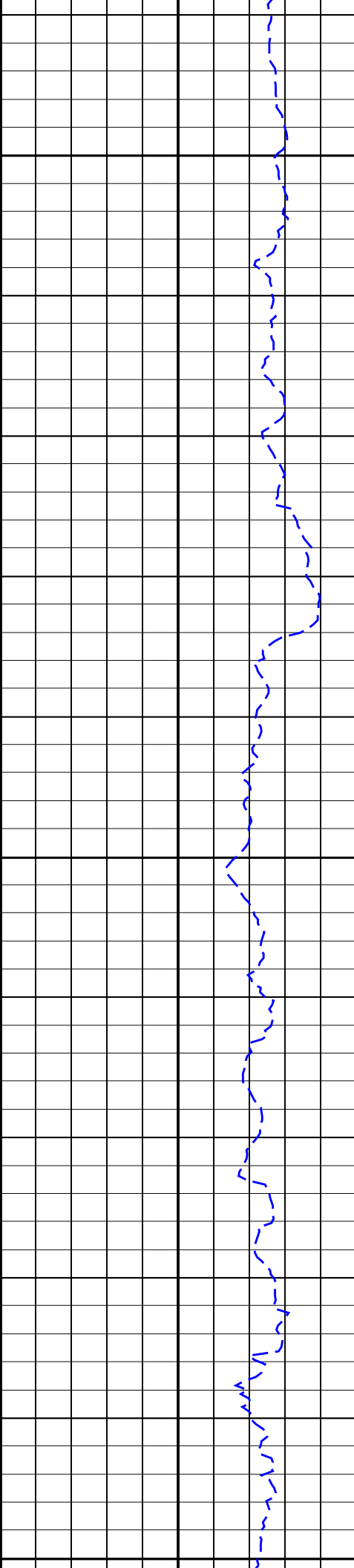


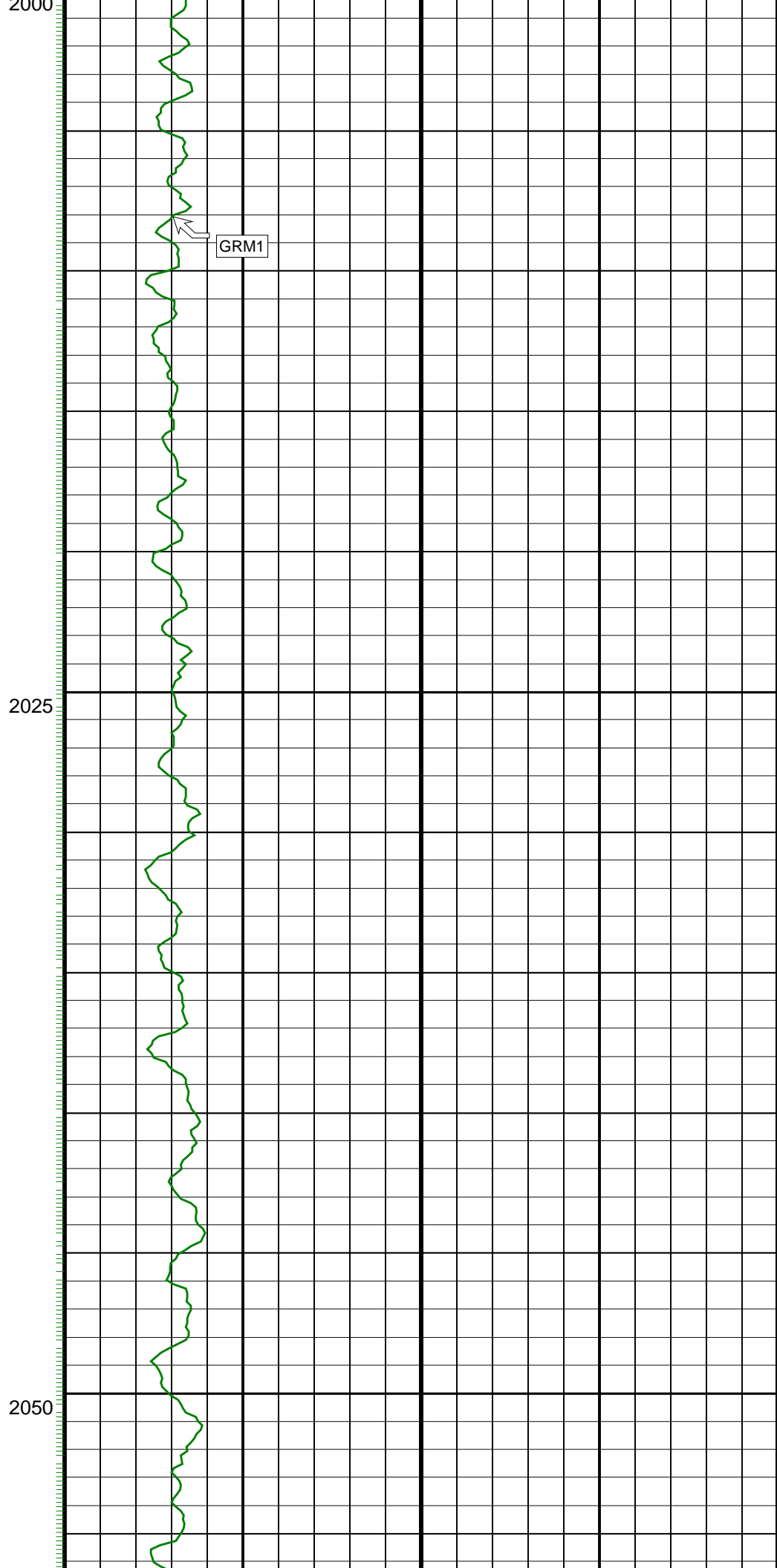
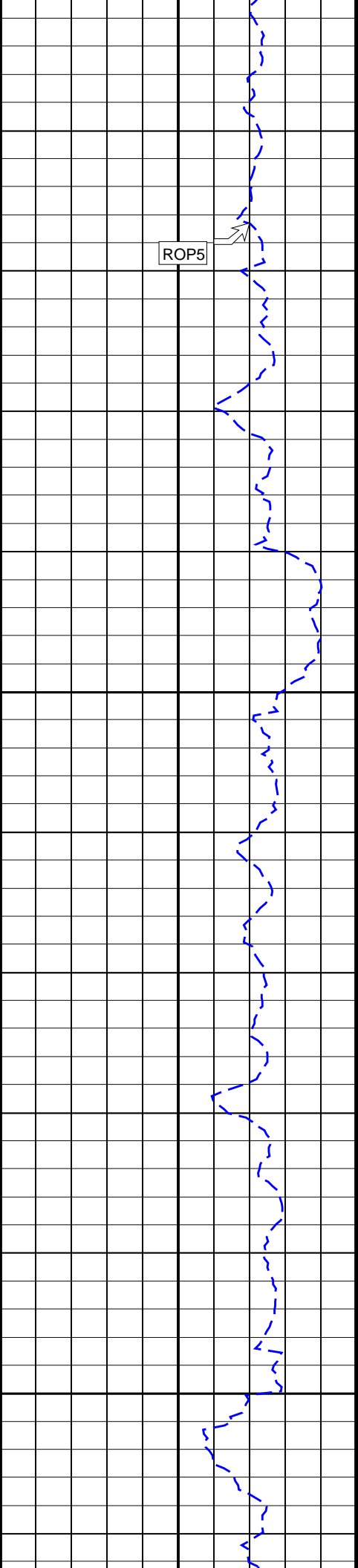


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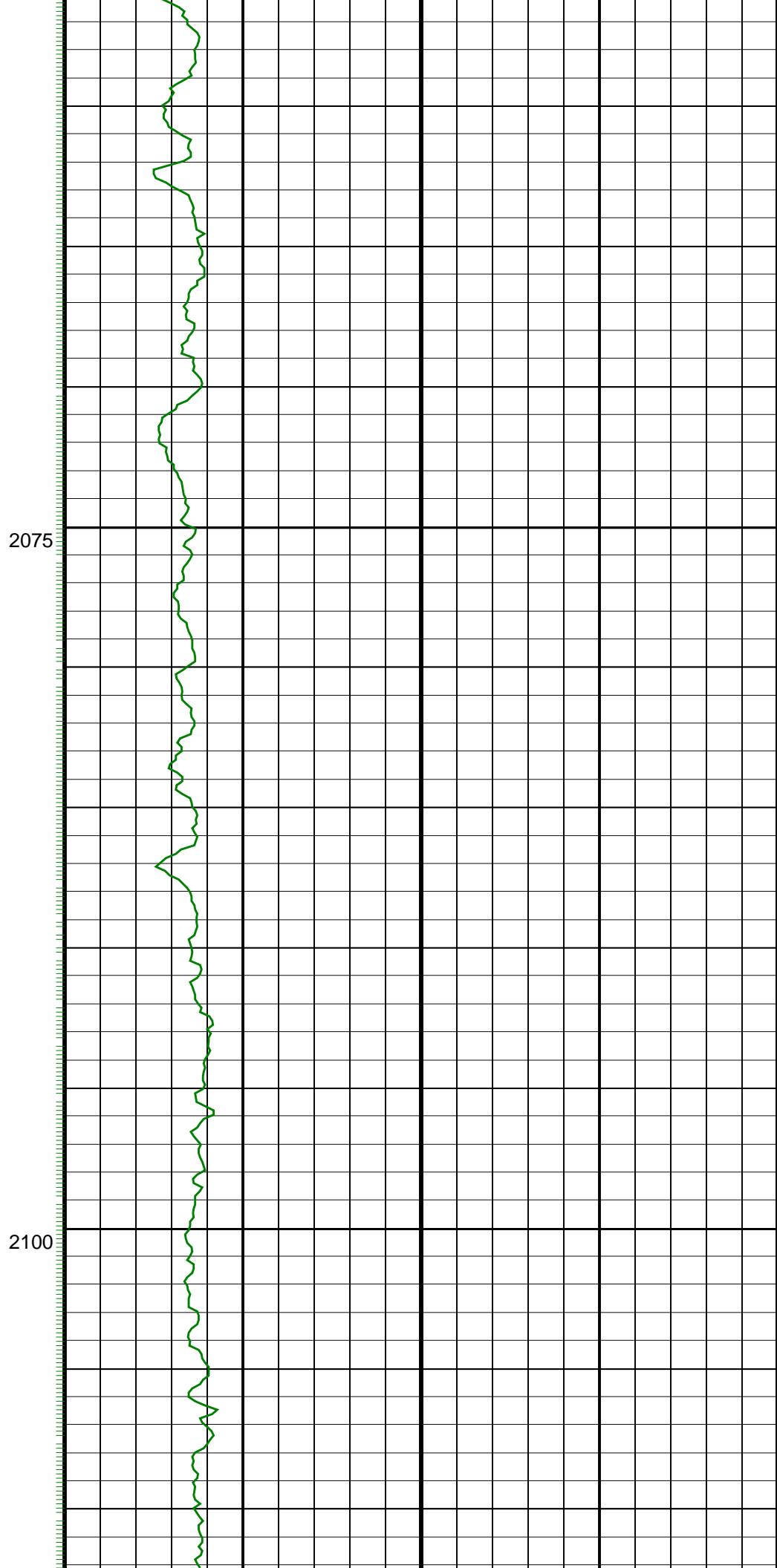
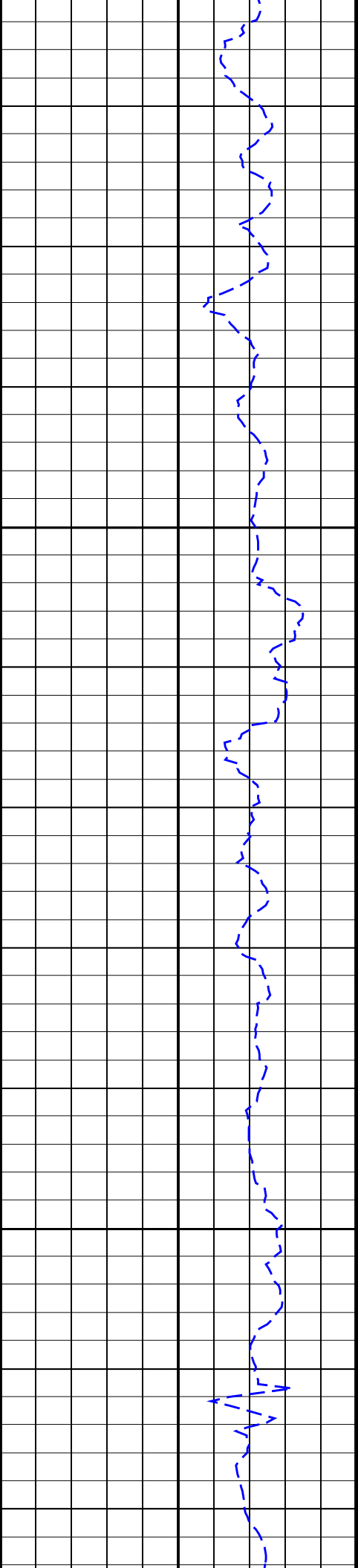
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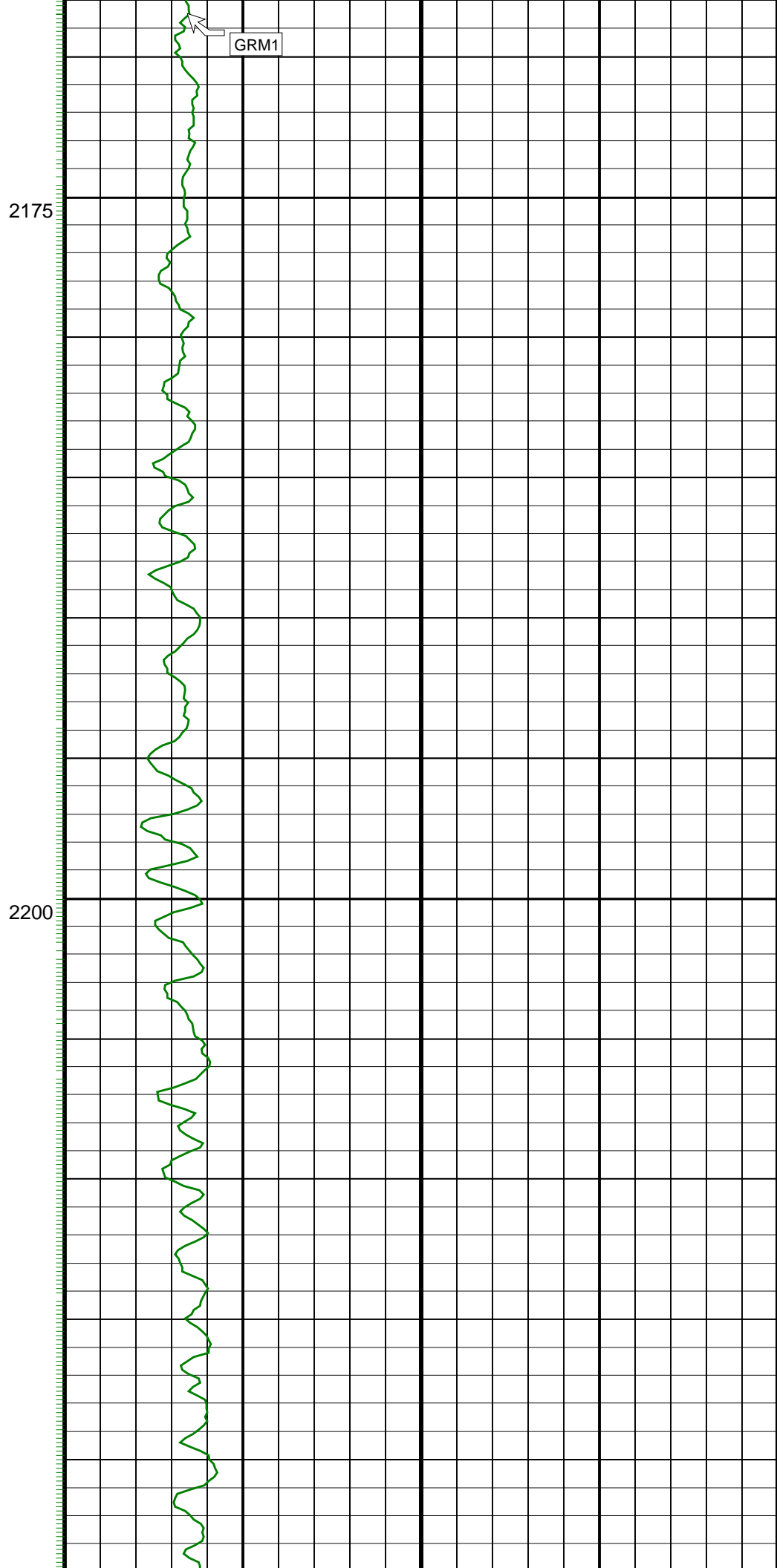
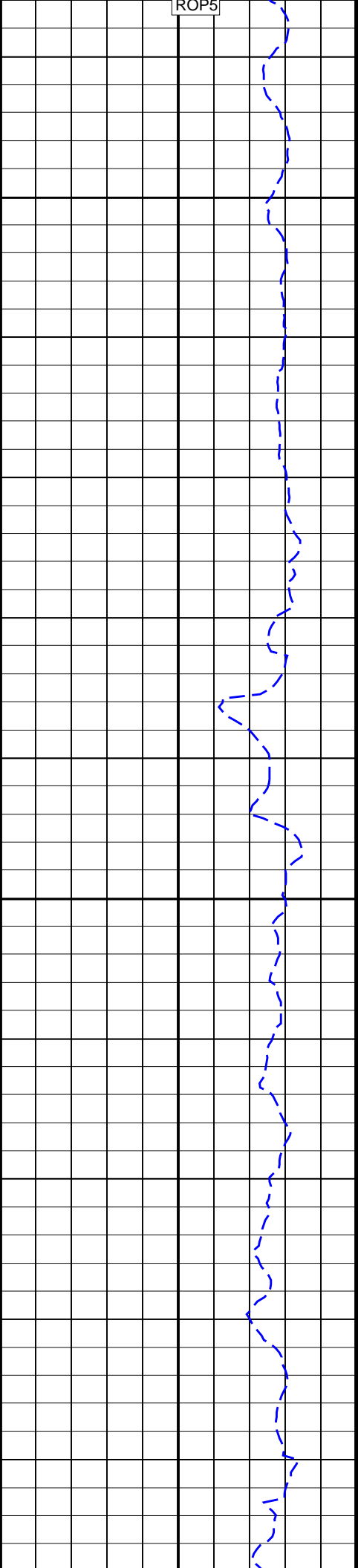


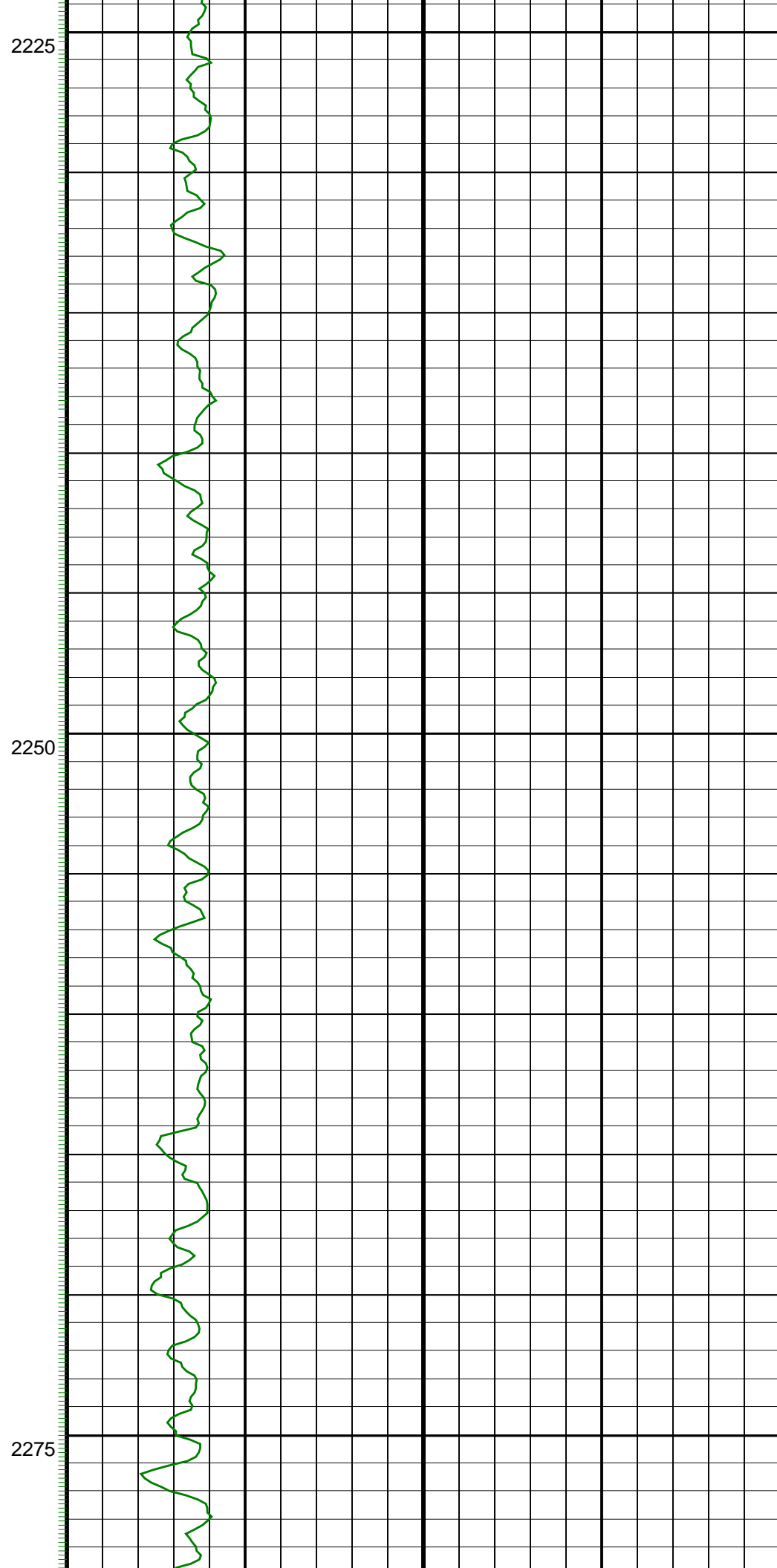
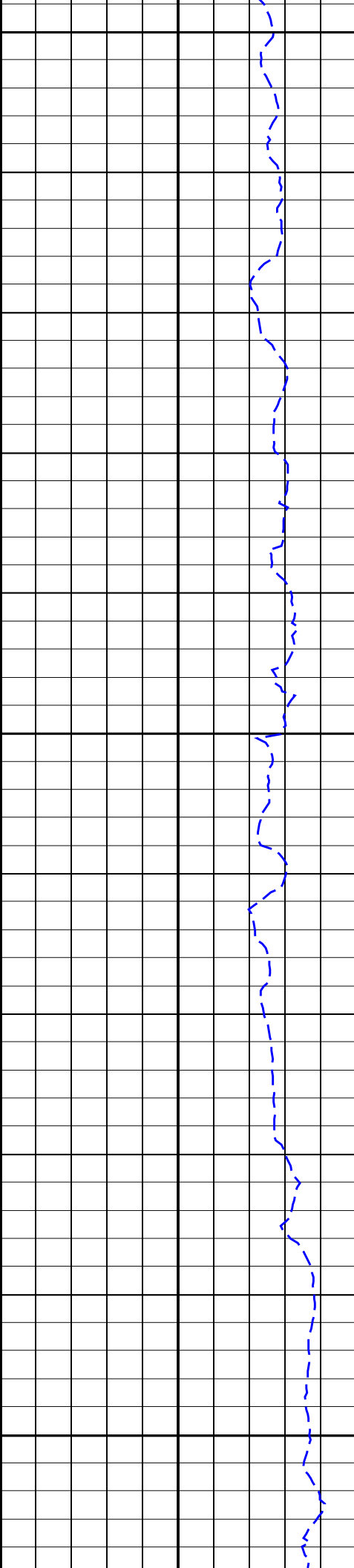


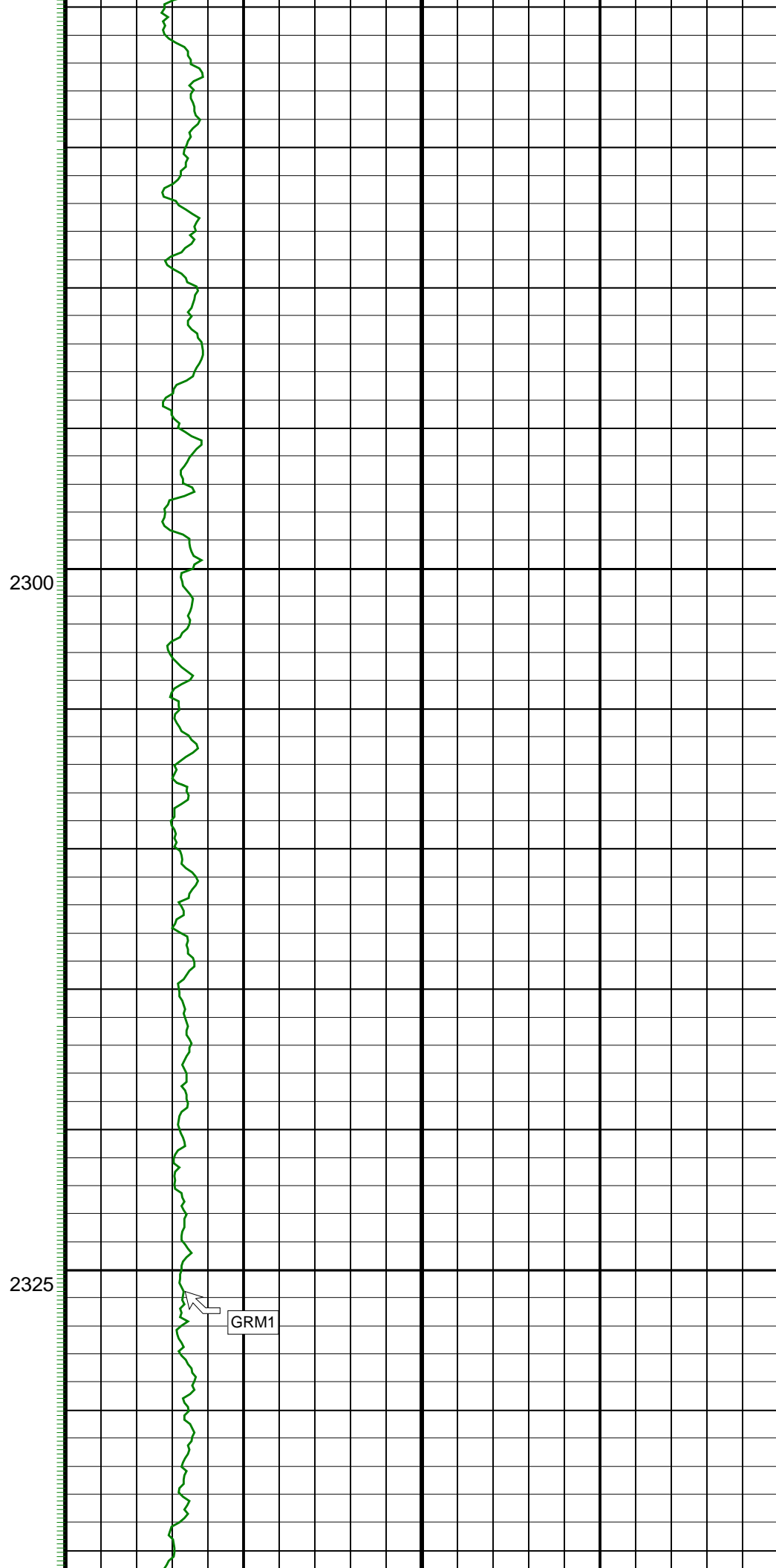
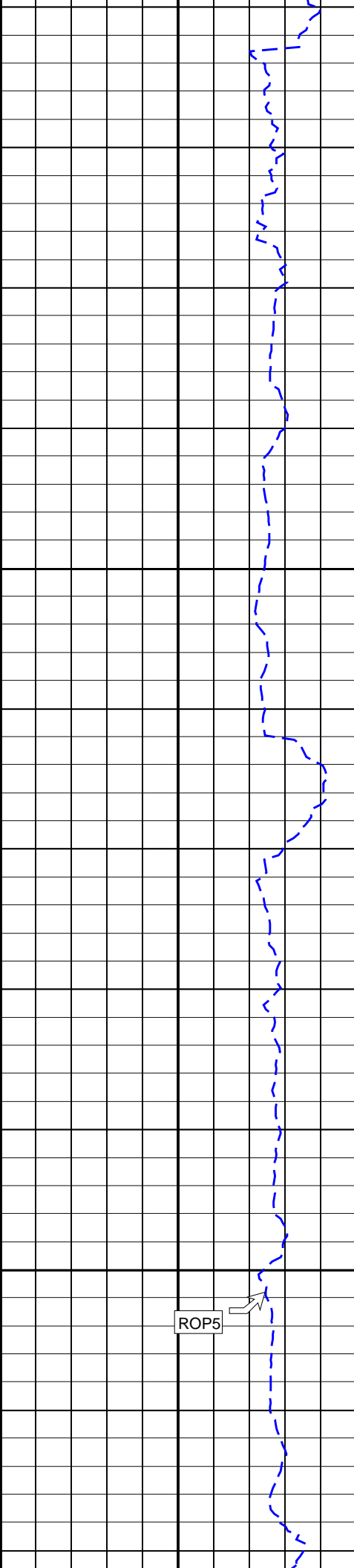




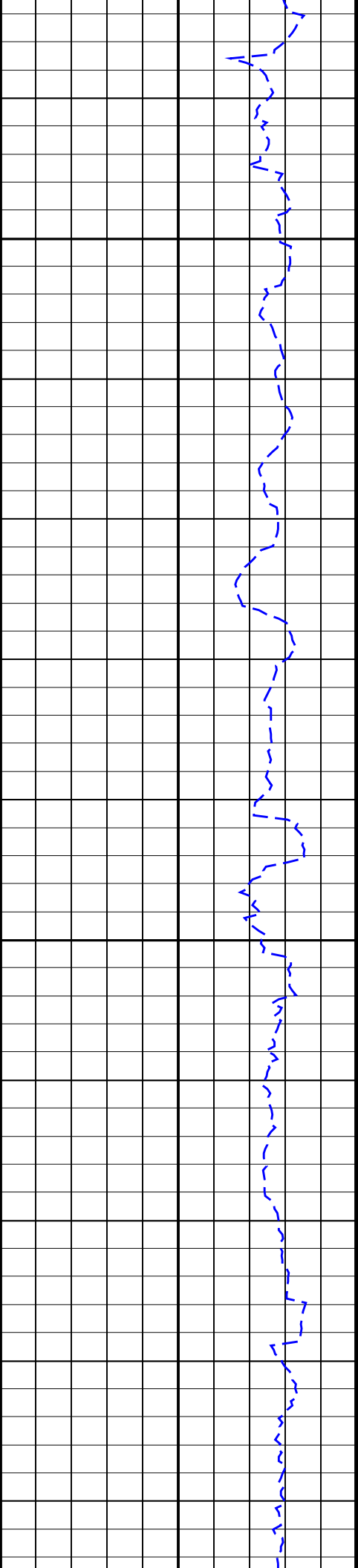






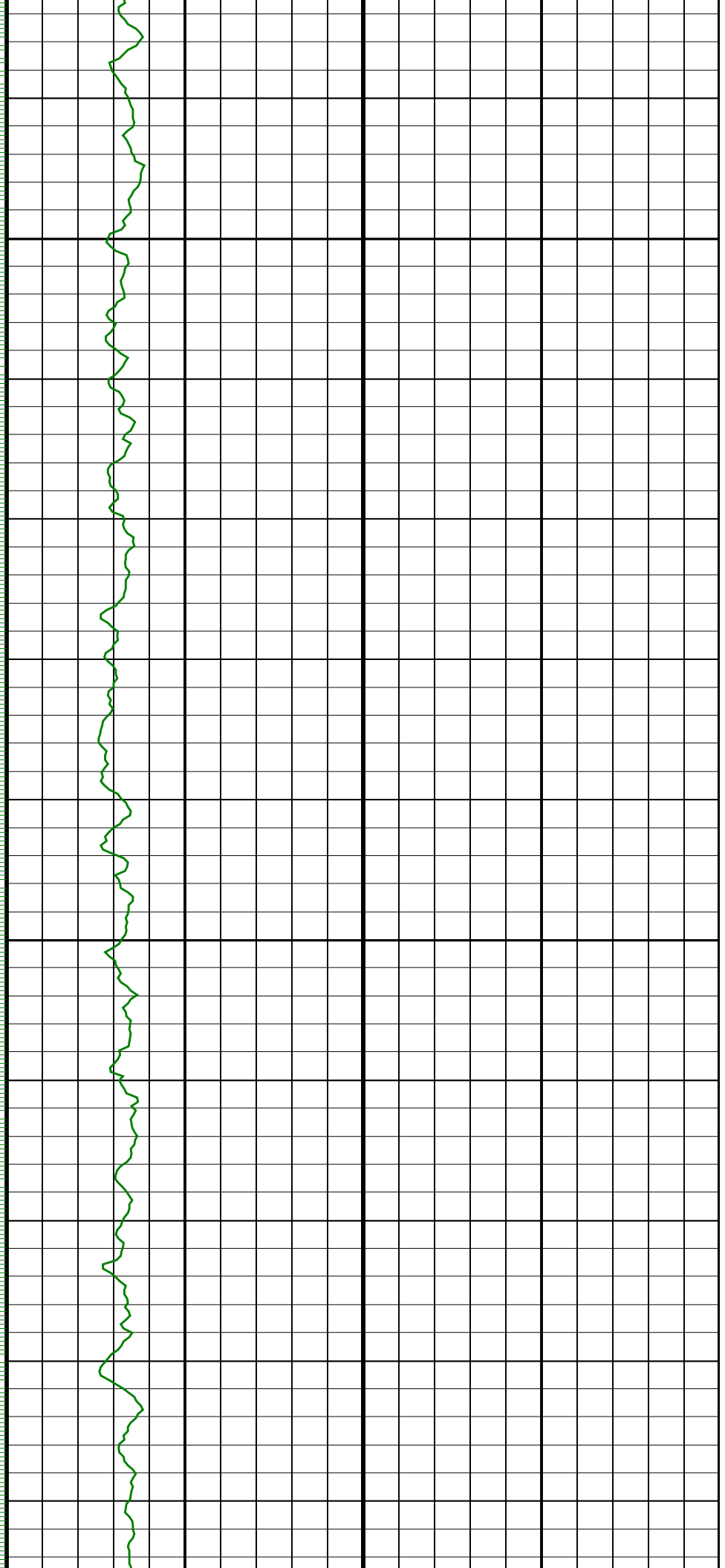


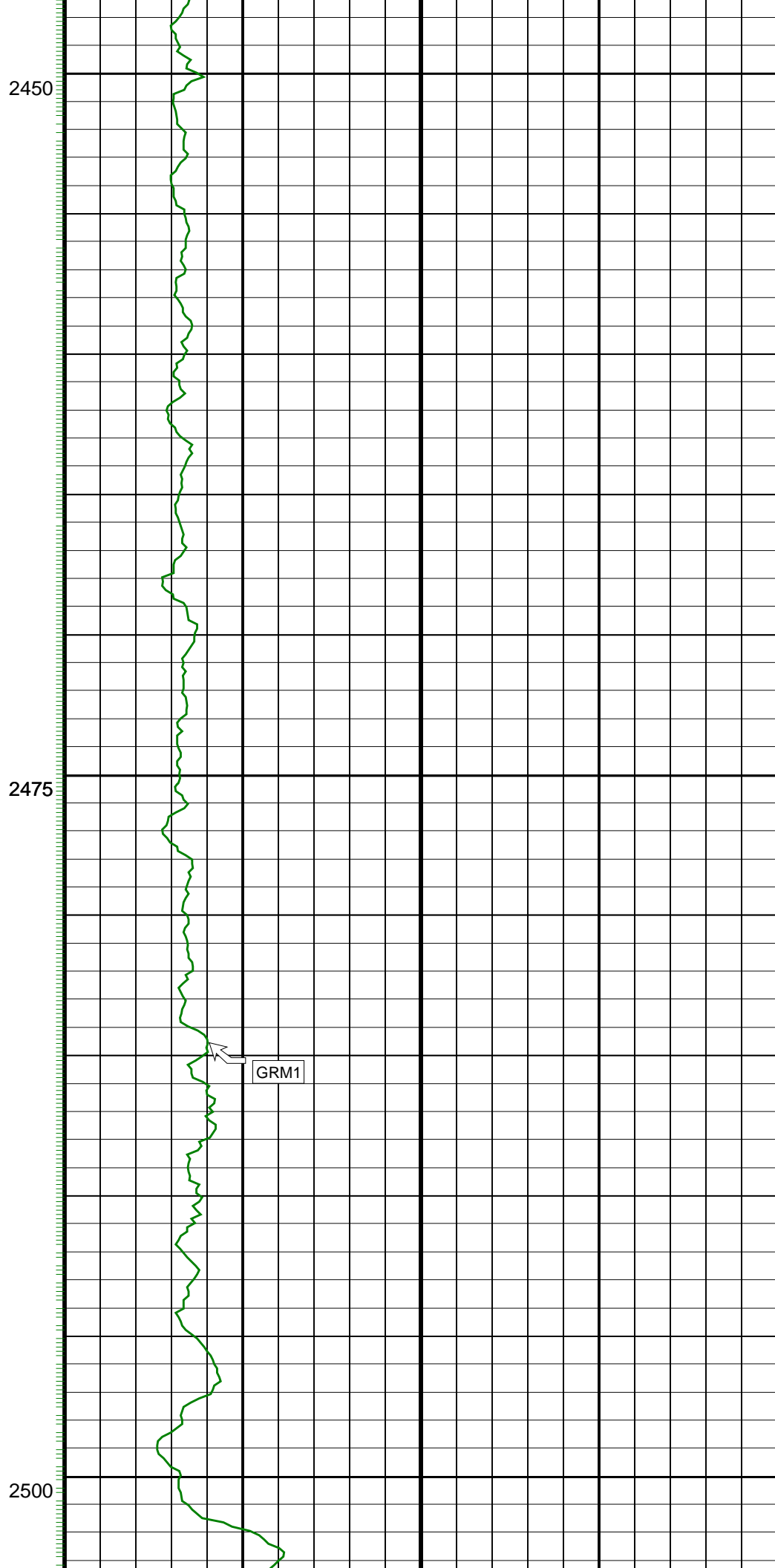
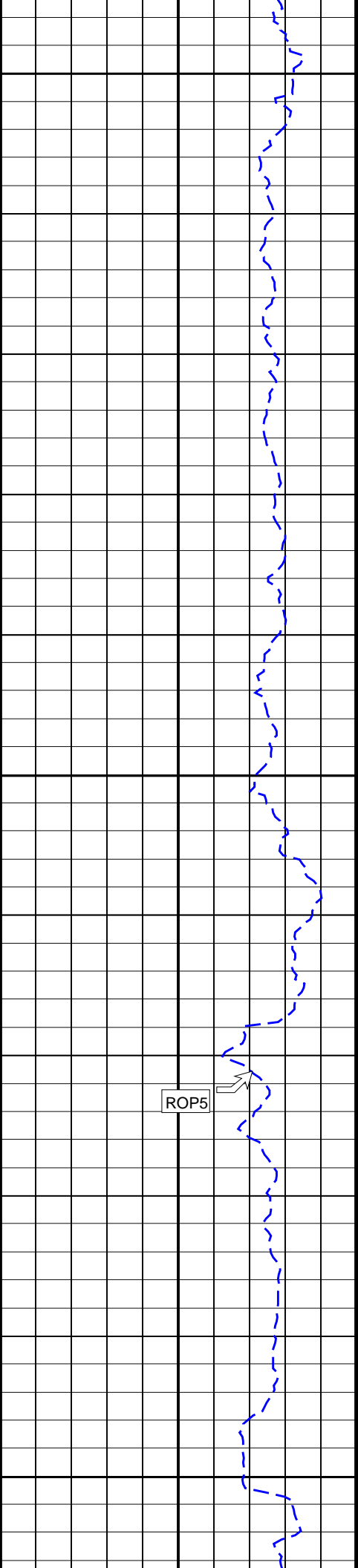




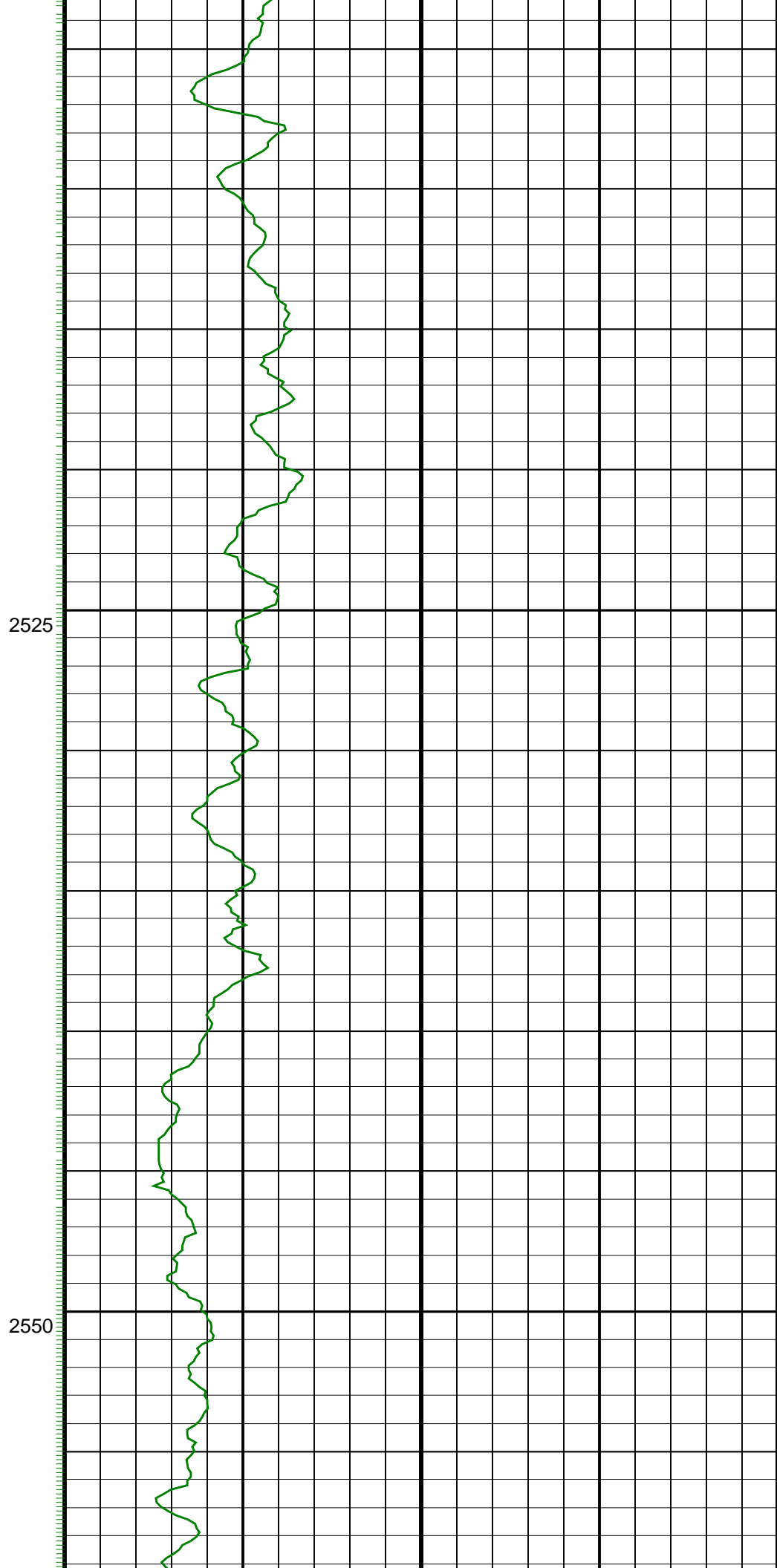
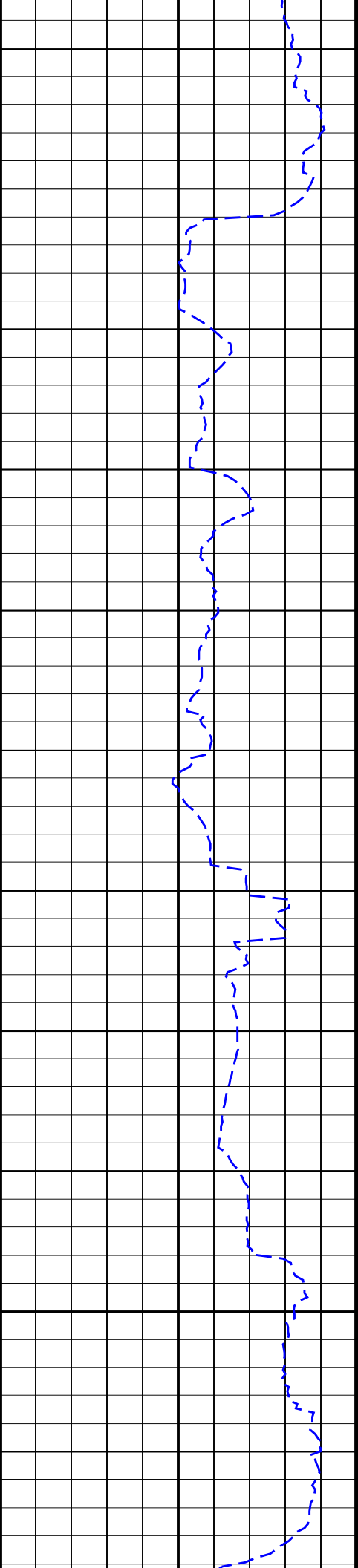
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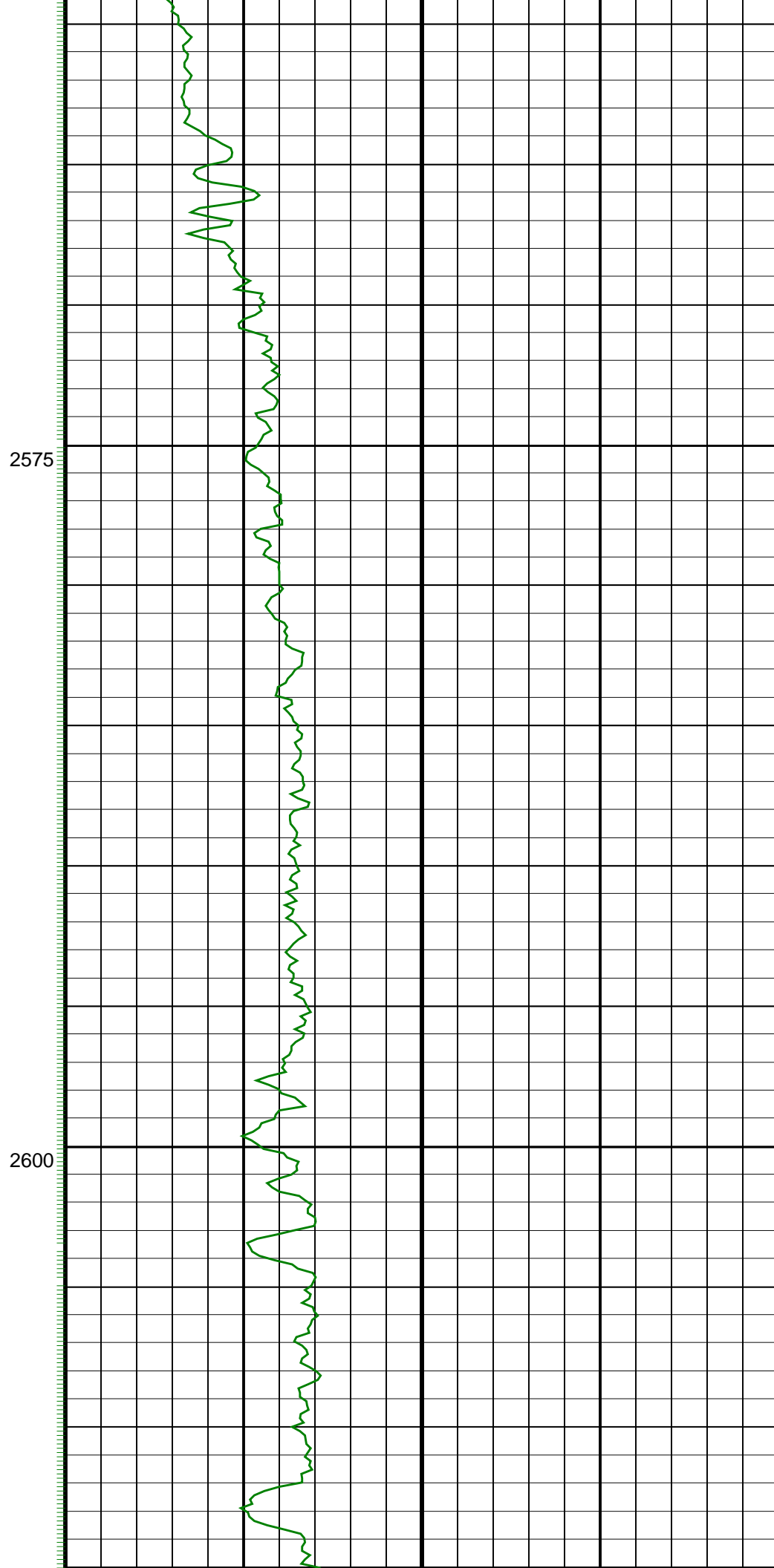
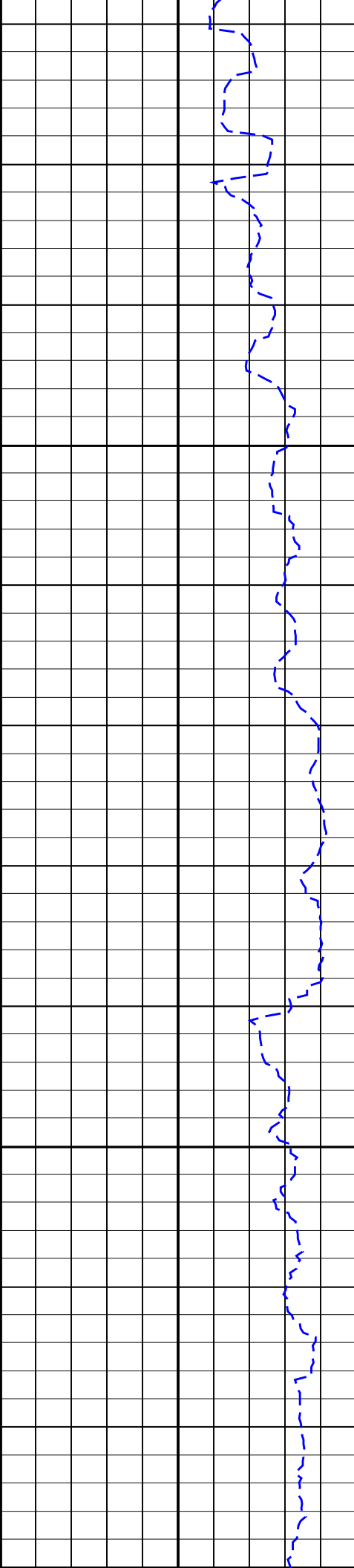
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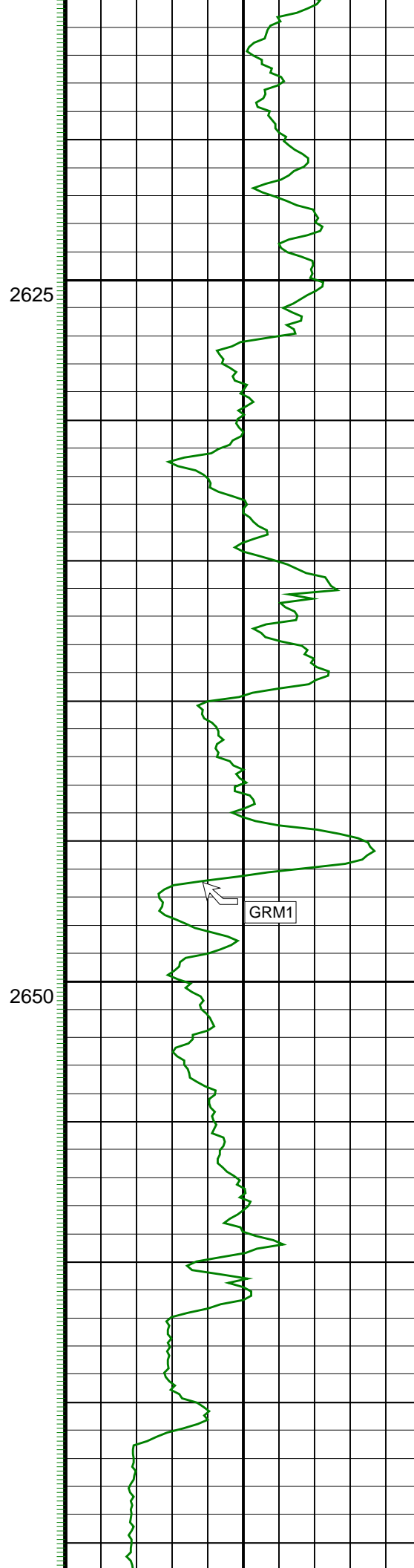
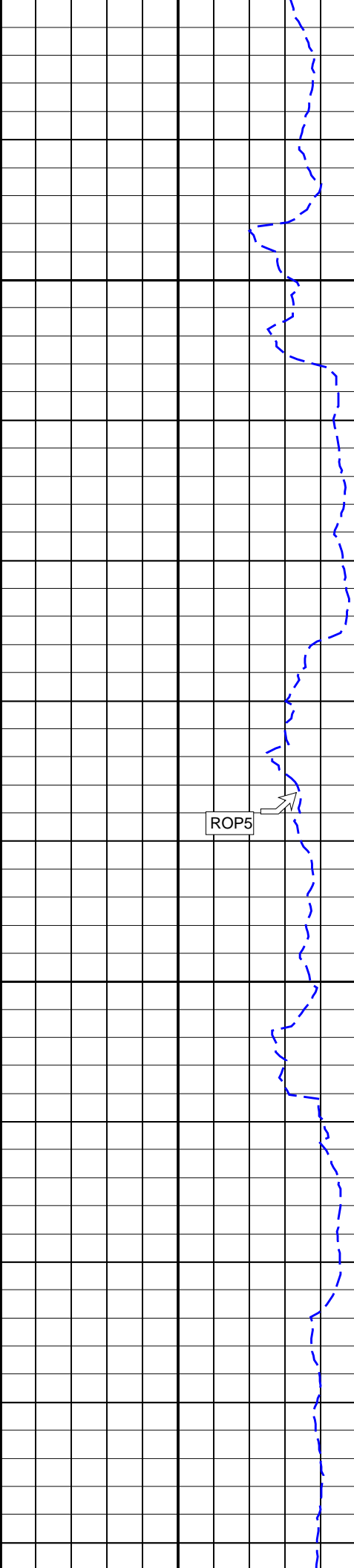


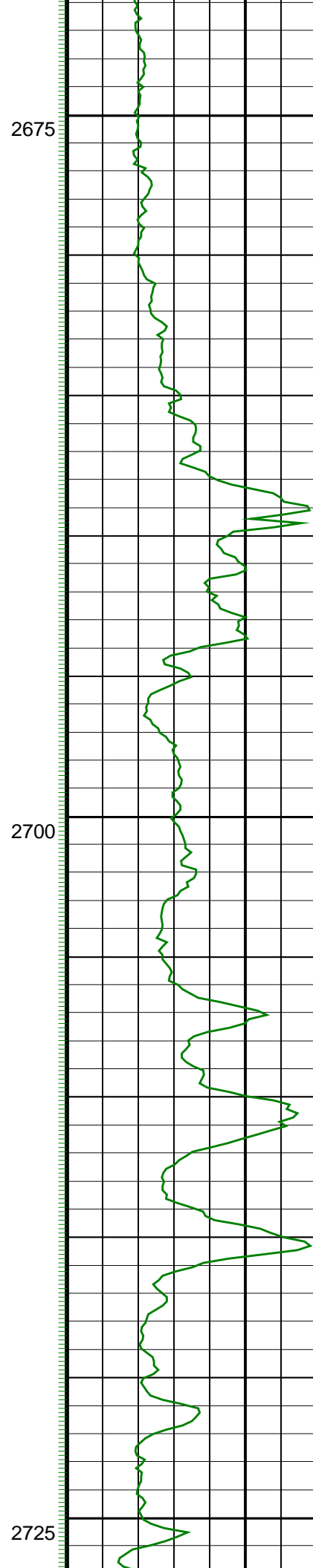
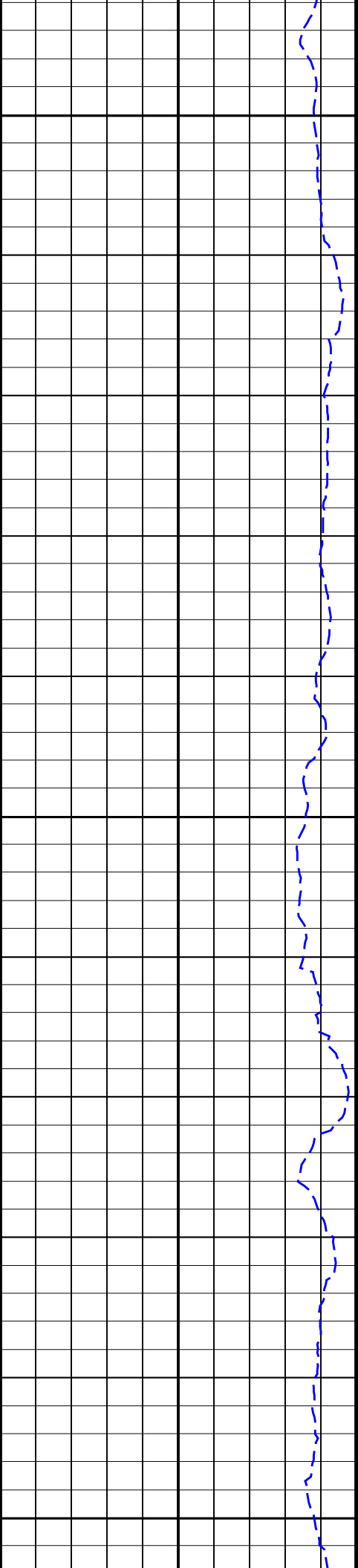


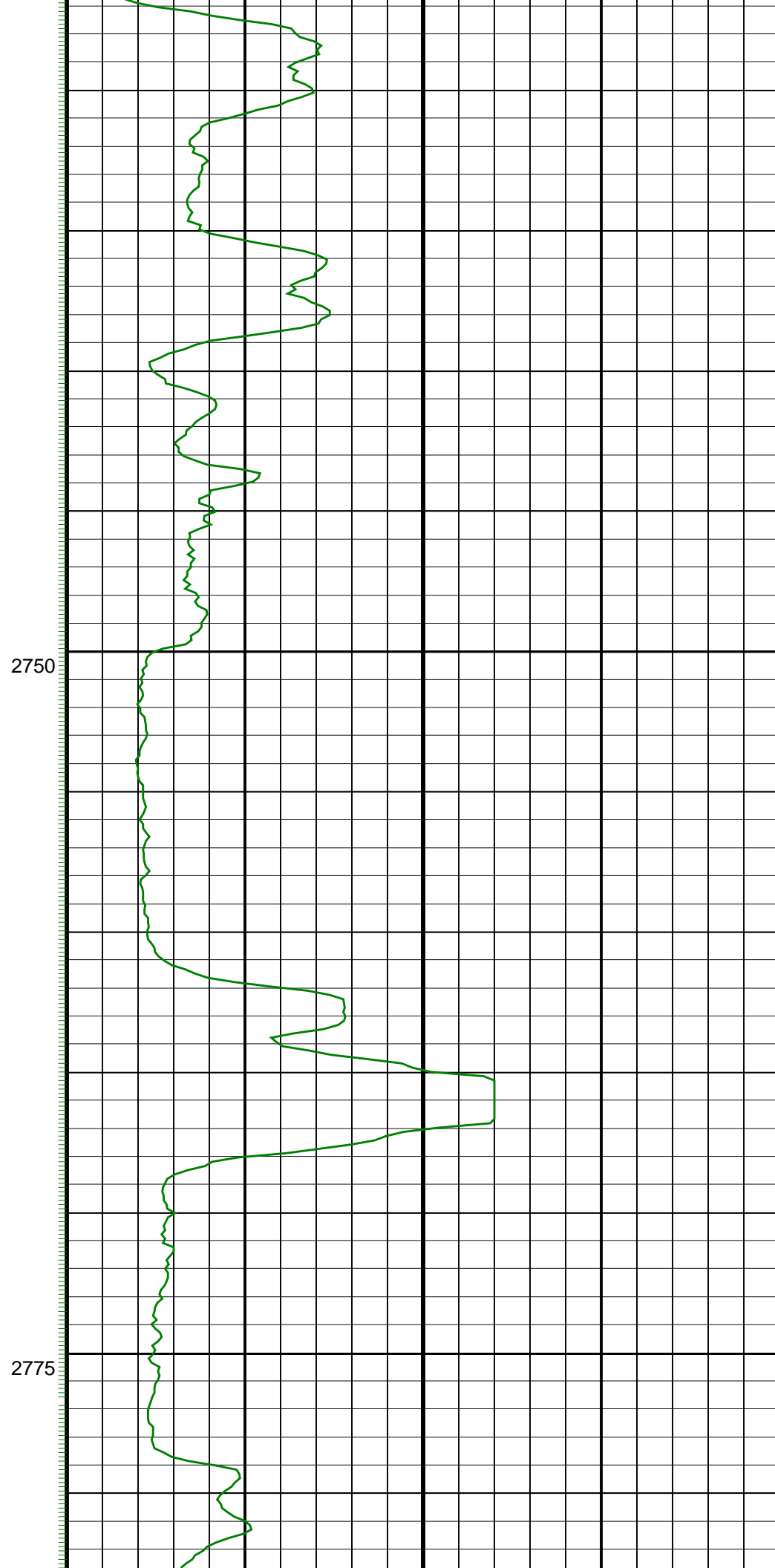
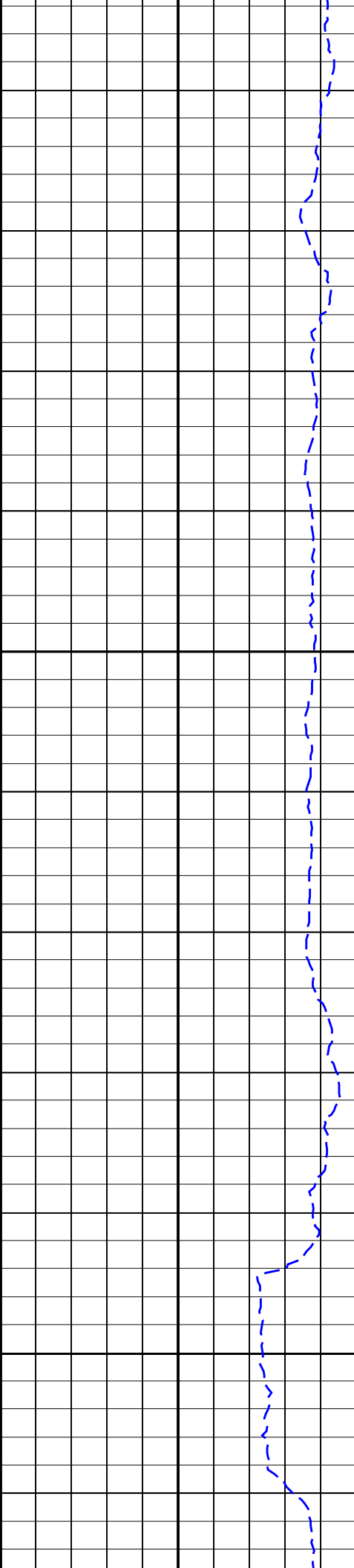


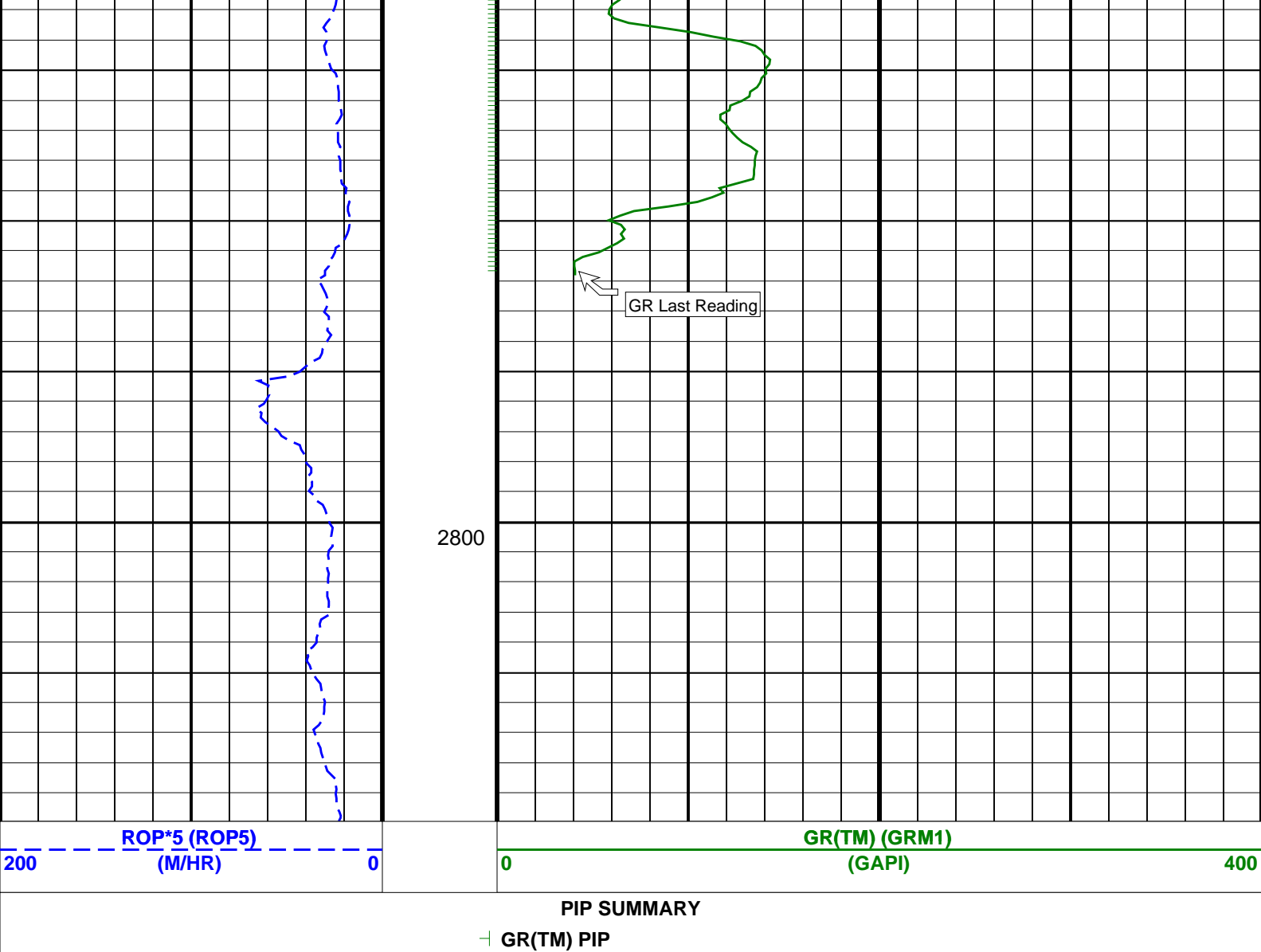












Company:	ESSO Australia Pty. Ltd.	Schlumberger
Well:	BMA A5A	
Field:	Bream A	
Rig:	ISDL 453	
State:	Victoria	
Gamma Ray Service 1:200 Measured Depth Real Time Log		

