

Company: ESSO Australia Pty. Ltd.

Well: TNA A14A

Field: Tuna

Rig: ISDL 453

State: Victoria

Rig:	ISDL 453			
Field:	Tuna			
Location:	Bass Strait			
Well:	TNA A14A			
Company:	ESSO Australia Pty. Ltd.			
Gamma Ray Service				
1:200 Measured Depth				
Real Time Log				
Total depth:	3142.0 m	K.B.	Top Drive	
Spud date:	04-Mar-2005	G.L.	-59.40 m	
Runs:	1 To 1	D.F.	31.32 m	
Location	Permanent datum: Mean Sea Level		Elev.: 0 m	
Log measured from:	Drill Floor	31.32 m above Perm. datum		
Depth reference:	Driller's Depth			
API serial no.	Y = 5774406.73 X = 624345.81	Longitude	Latitude	
Depth logged:	844.50 m To 3122.63 m	Mag decl: 13.23°	E143°25'10.289" S38°10'10.835"	
Date logged:	6-Mar-05 To 13-Mar-05	Mag dip: -68.65°	Other services: Directional Drilling, D&l	
Bore hole record			Casing record	
Hole size	from	to	Size	
8 1/2 in.	844.5 m	3142.0 m	9 5/8 in.	
			40.0 lb/ft	
			Surface	
			844.5 m	
Mud record			Borehole deviation record	
Type	from	to	Min Max	
KCL/PHPA/Glycol	844.5 m	3142.0 m	29.04° 70.90°	
			844.5 m 3142.0 m	
Surface equipment			Software record	
Unit	OLU-FB-924	IDEAL WIS	ID9_1C_02	
Depth system	DES-CA	SPM	HSPM9_2C_08	
	LWD	N/A		
	MWD	V700C00		

DISCLAIMER

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OTHER SERVICES FOR RUN1 Directional Drilling Directional Surveys	OTHER SERVICES FOR RUN	OTHER SERVICES FOR RUN
REMARKS: RUN NUMBER 1 8-1/2 in. hole was drilled from 844.5m to 3142.0m 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 A14A.	REMARKS: RUN NUMBER	REMARKS: RUN NUMBER

Thank You for Choosing Schlumberger

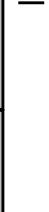
EQUIPMENT DESCRIPTION

RUN1

RUN

RUN

DOWNHOLE EQUIPMENT

6-3/4 in. PowerPulse*		24.39
MDC: V875		
MEC: 1533-BB		
MDI: 1565-CA		
MGR: 565-AA		
DHS: 7.0C00		
D&I		20.01
GR		19.37
6-5/8 in. NM Pony		15.87
S/N: ASS15700		
8-3/8 in. NM Roller Reamer		14.31
S/N: GU2298		
6-3/8 in. NM Pony		12.23
S/N: ANA98-007		
6-11/16 in. Float Sub		9.59
S/N: CMP1544		
7 in. PowerPak* Motor		9.14
A700GT 7:8		
S/N: 3380		
1.41 deg. Bent Housing		
8-3/8 in. Motor Sleeve		



Smith PDC Bit
OD: 8-1/2 in.
S73VPX S/N: JT7330

Maximum string diameter 8.50 in.

All lengths in Meters

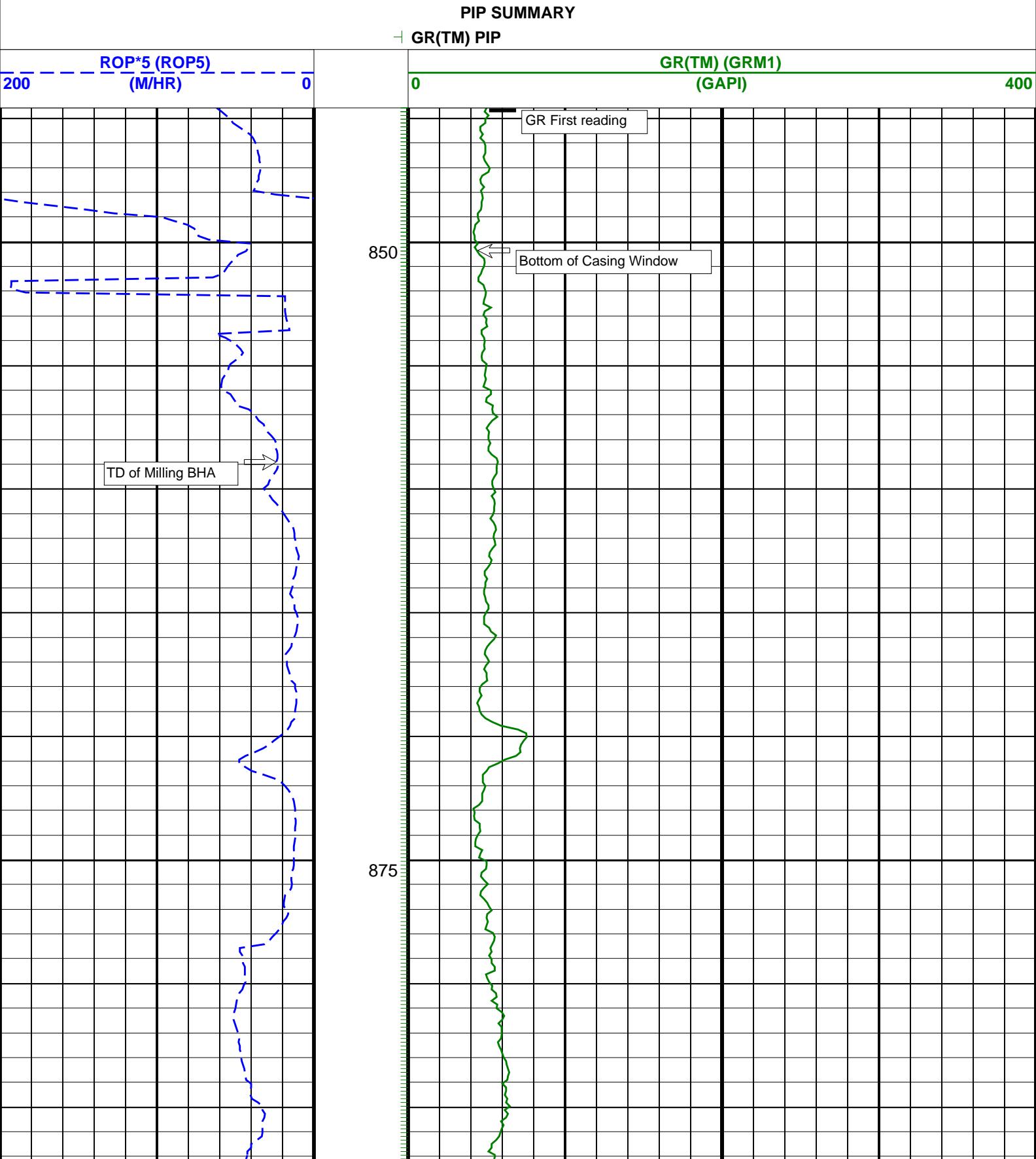
Bit Run Summary

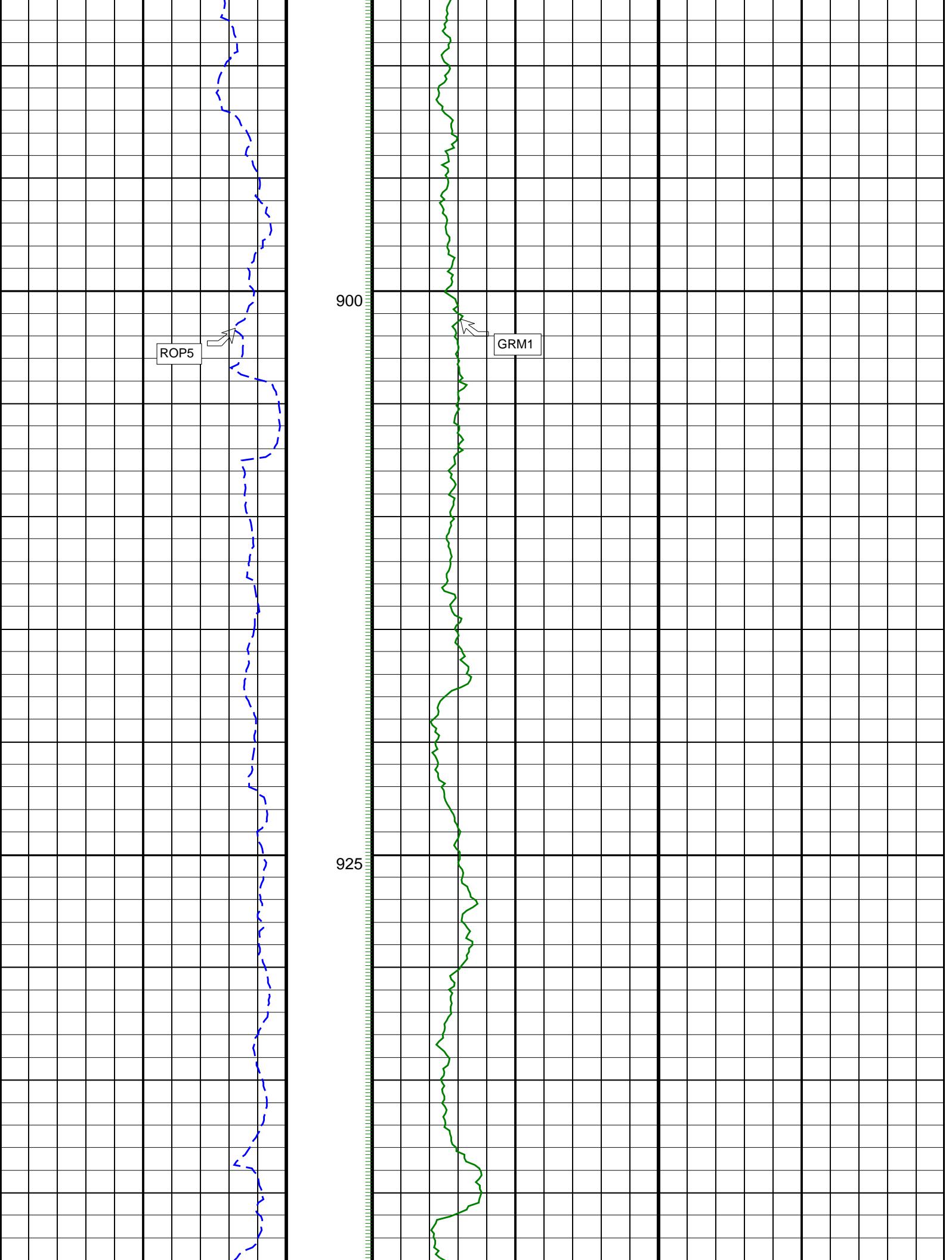
Run number	1								
Bit size	in.	8.5							
Bit start depth	m	844.5							
Bit end depth	m	3142.0							
Top interval logged	m	844.5							
Bottom interval logged	m	3122.6							
Begin log: time		18:30							
Begin log: date		5-Mar-05							
End log: time		14:10							
End log: date		13-Mar-05							
Mud data									
Depth	m	3142.0							
Type		KCl/PHPA/Gly.							
Mud weight	ppg	10.05							
Solids	%	9.4							
Chlorides	mg/L	43,000							
Rm		N/A							
Rmf		N/A							
Rmc		N/A							
Potassium	%	4.2							
Environmental data									
GR									
Mud weight	ppg	10.05							
Bit size	in.	8.5							
Resistivity									
Neutron porosity									
Hole Size									
Mud weight									
Temperature									
Mud salinity									
Formation salinity									
Recording rate 1	SEC	4.14							
Recording rate 2	SEC	N/A							
Filtering GR		3 pt.							
Filtering density		N/A							
Filtering Neutron		N/A							
Company representative	G. Steel	W. Westman	B. Davis	T. Auger					
Anadrill personnel	D. Hastie	L. Johnston	C. Cocks						

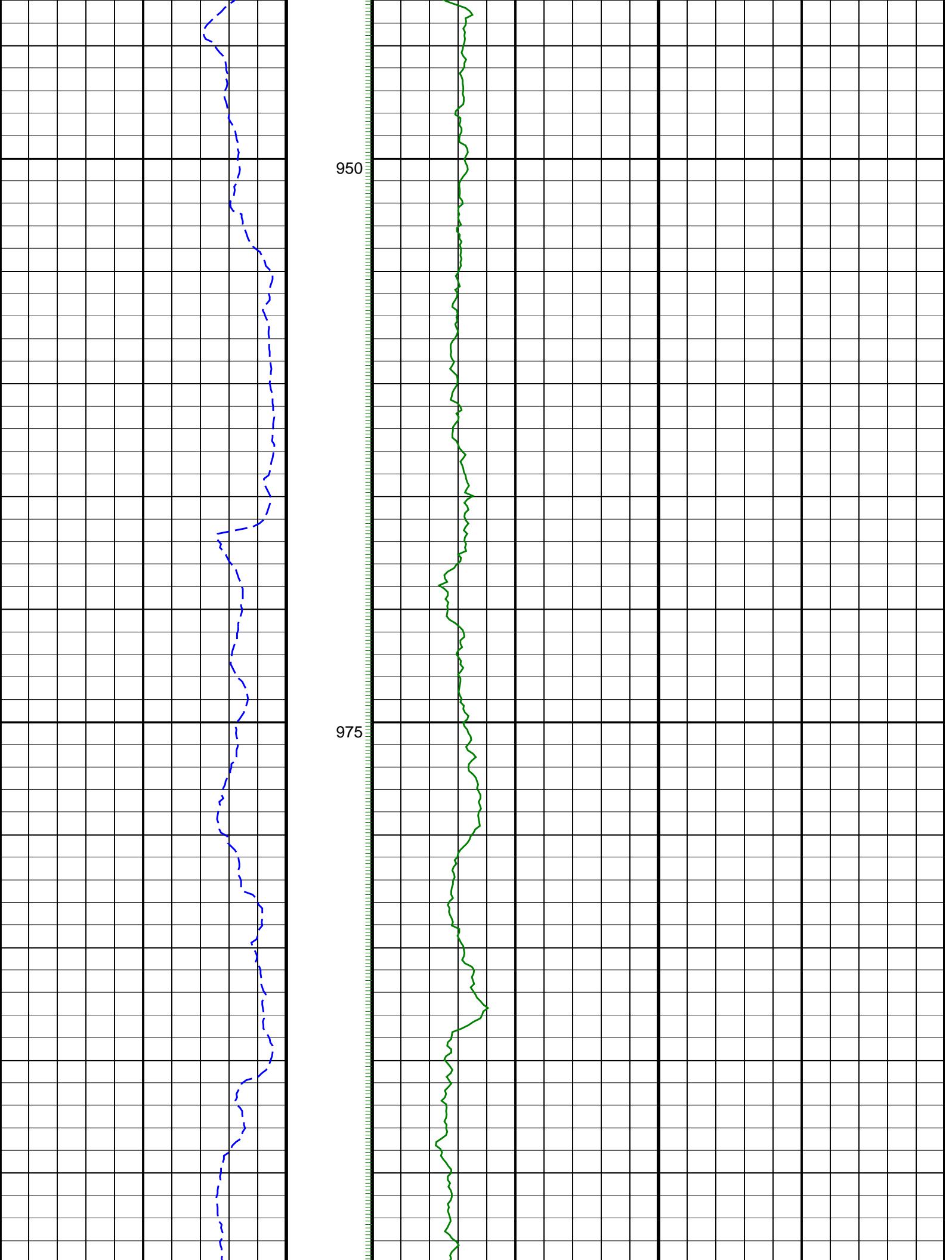
TNA A14A RT 1:200MD

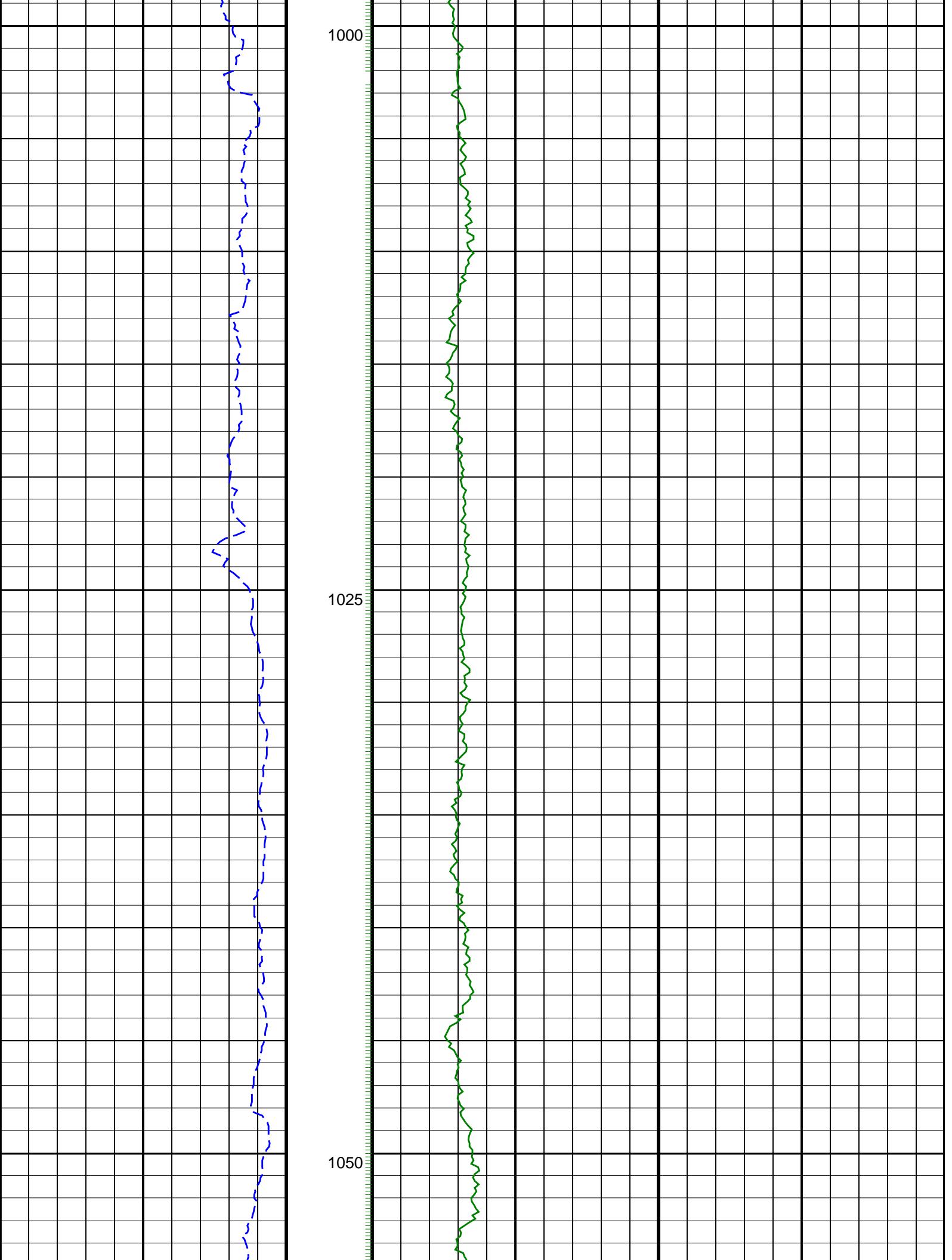
IDEAL Version: ID9_1C_02 <MD> Vertical Scale: 1:200

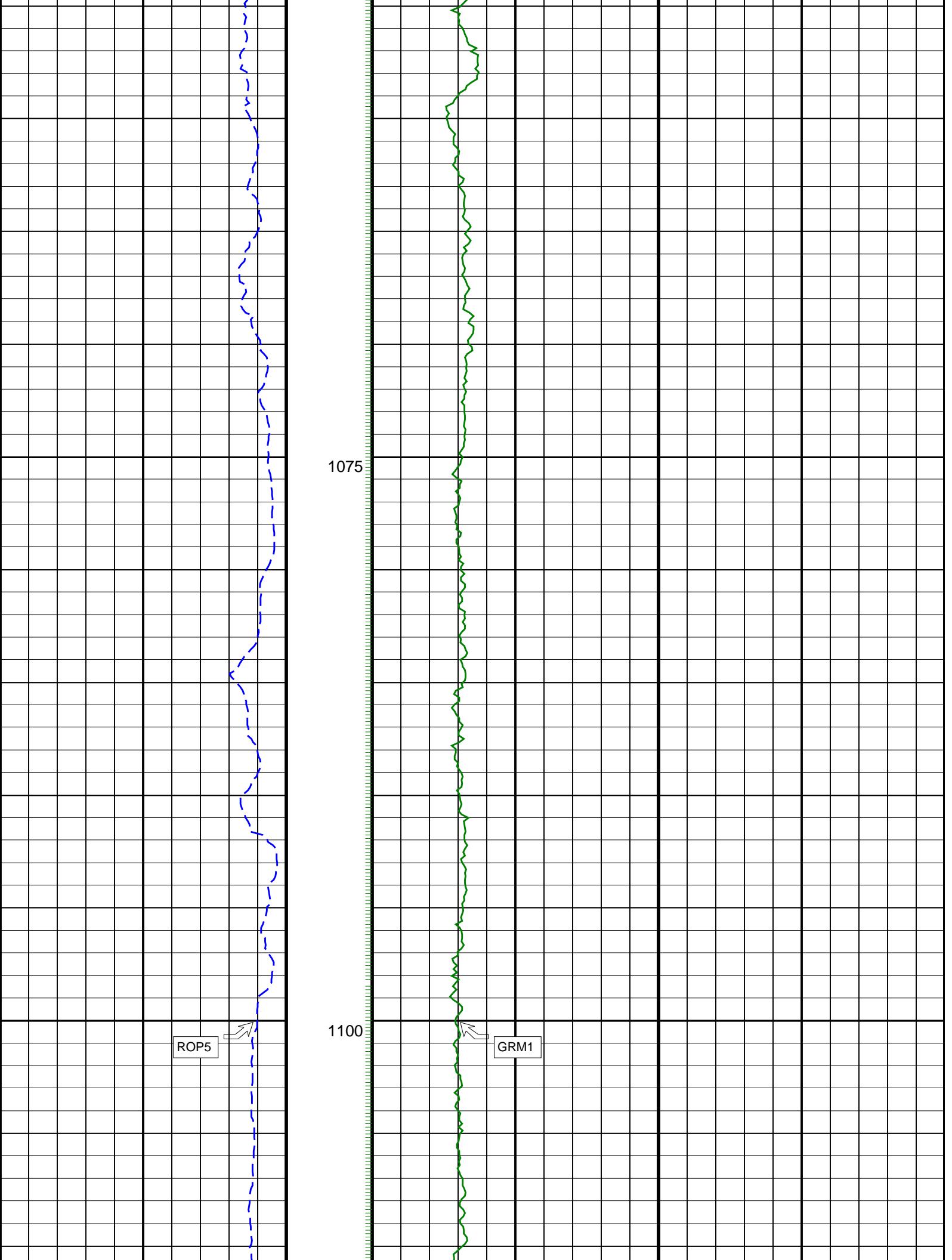
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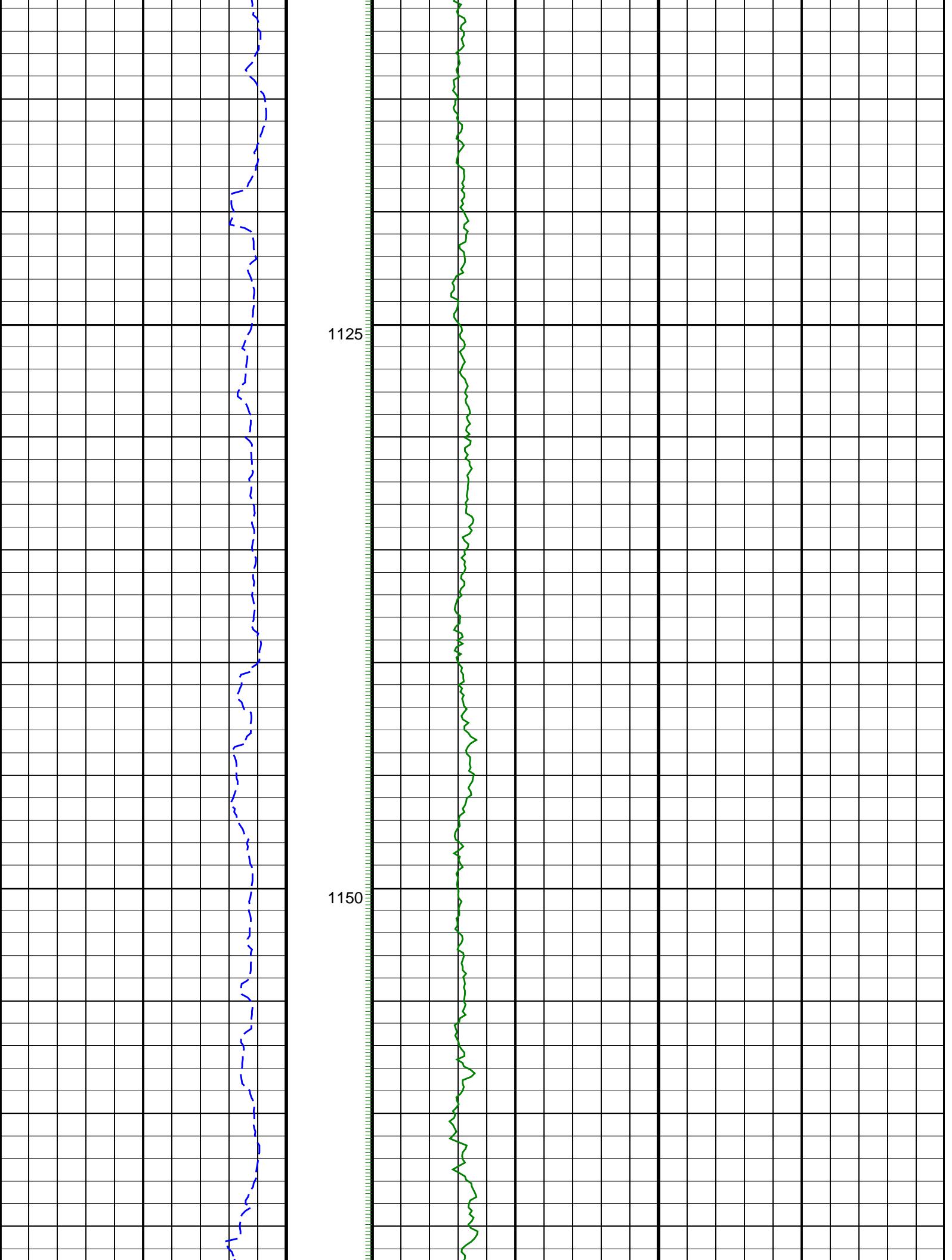


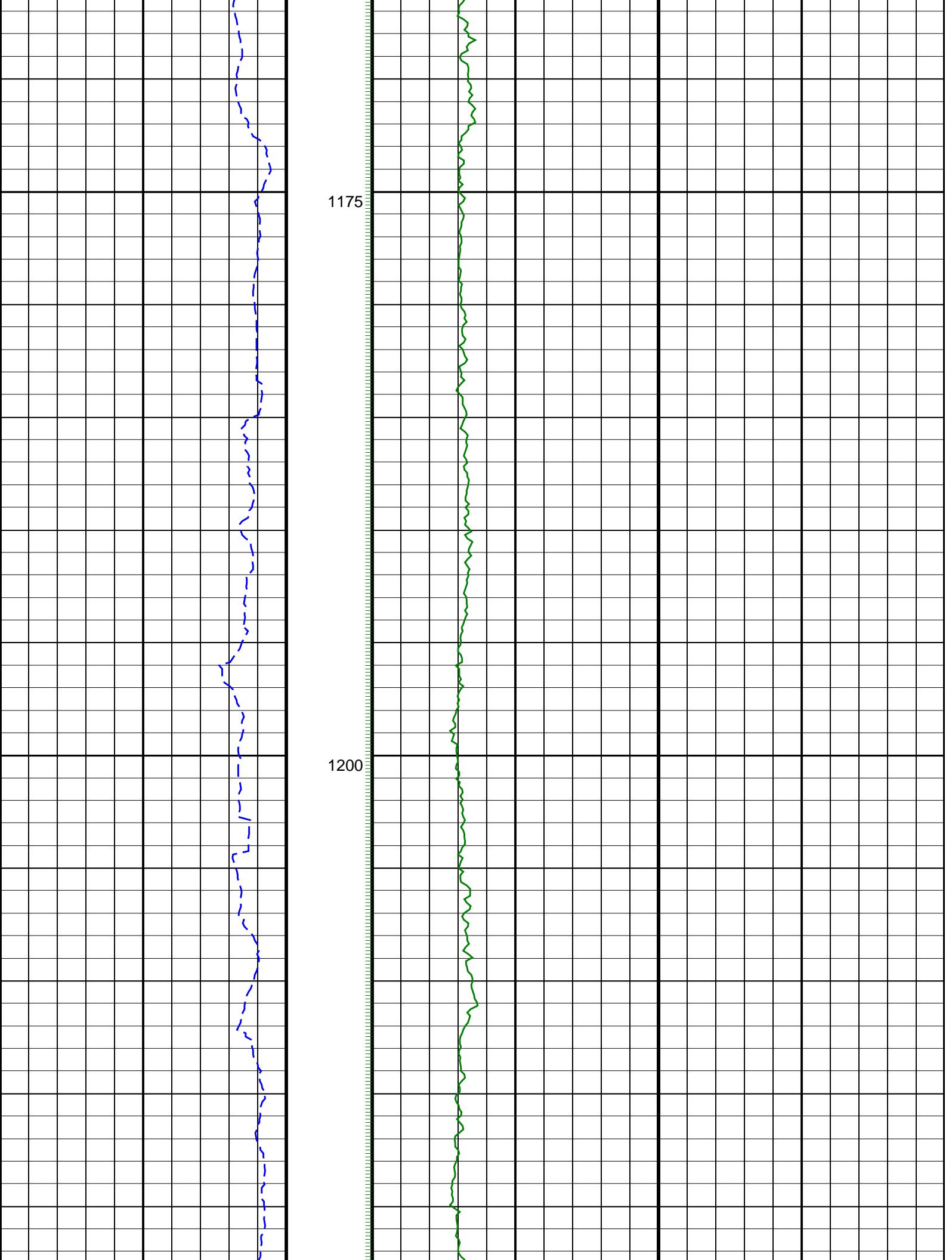


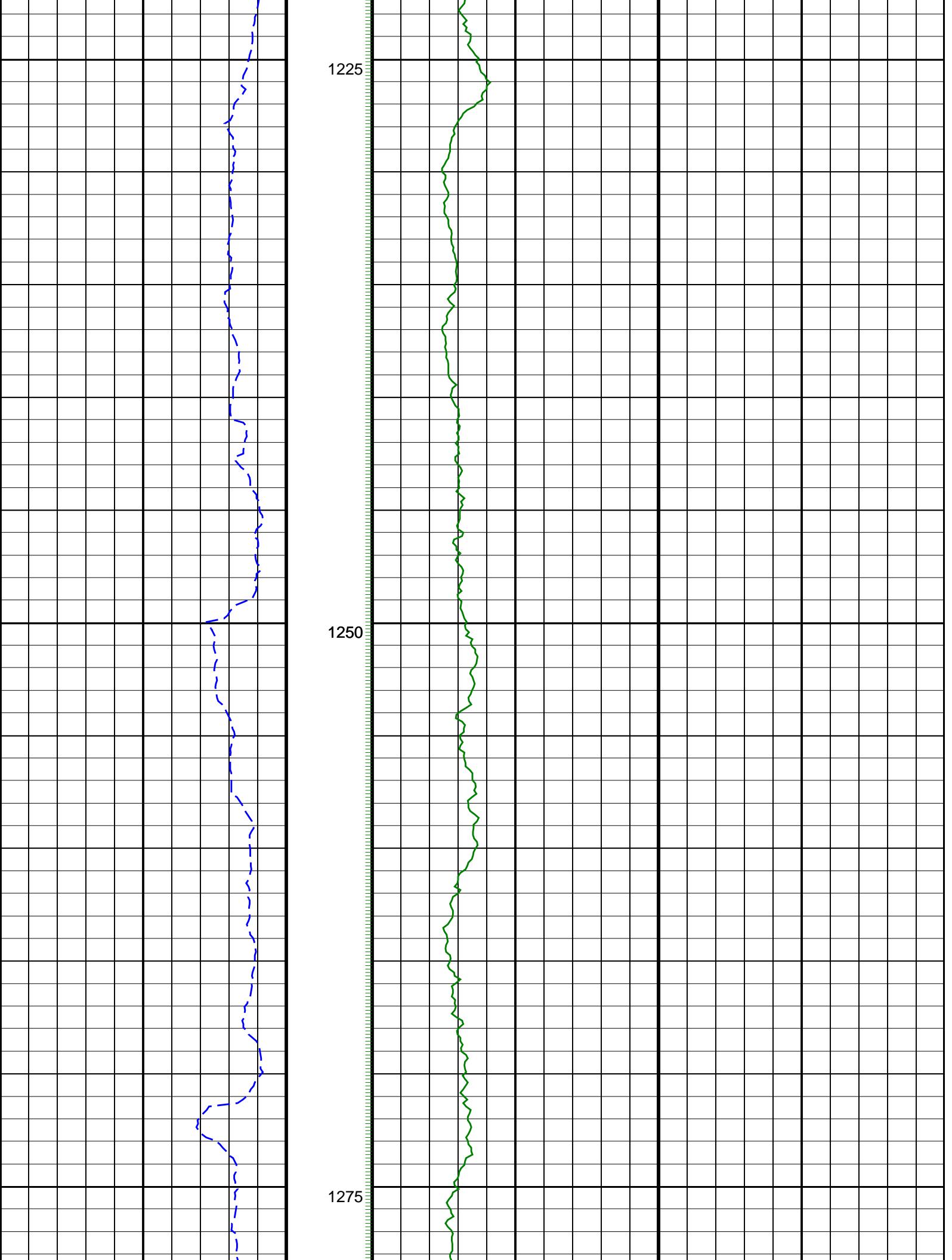


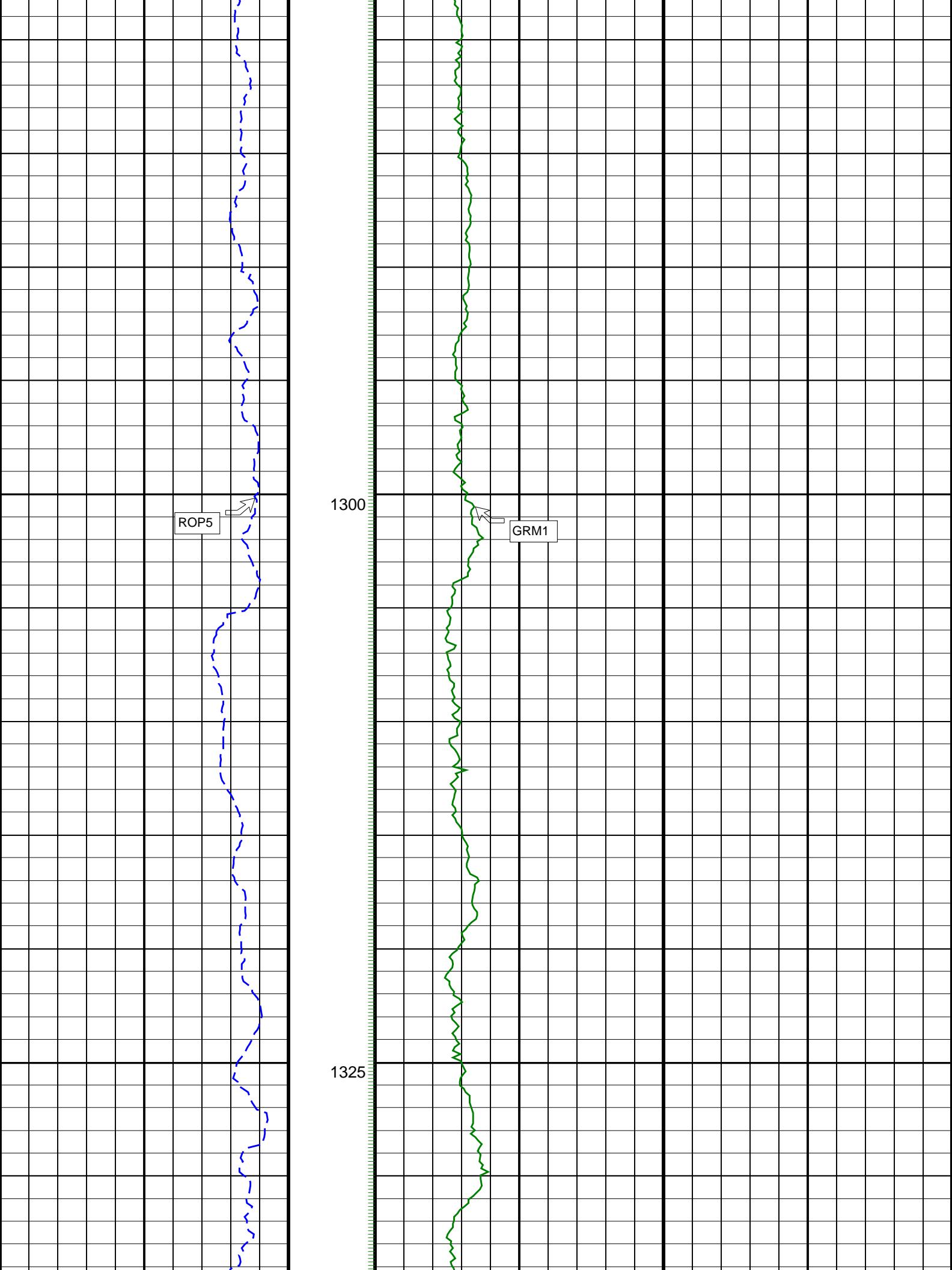


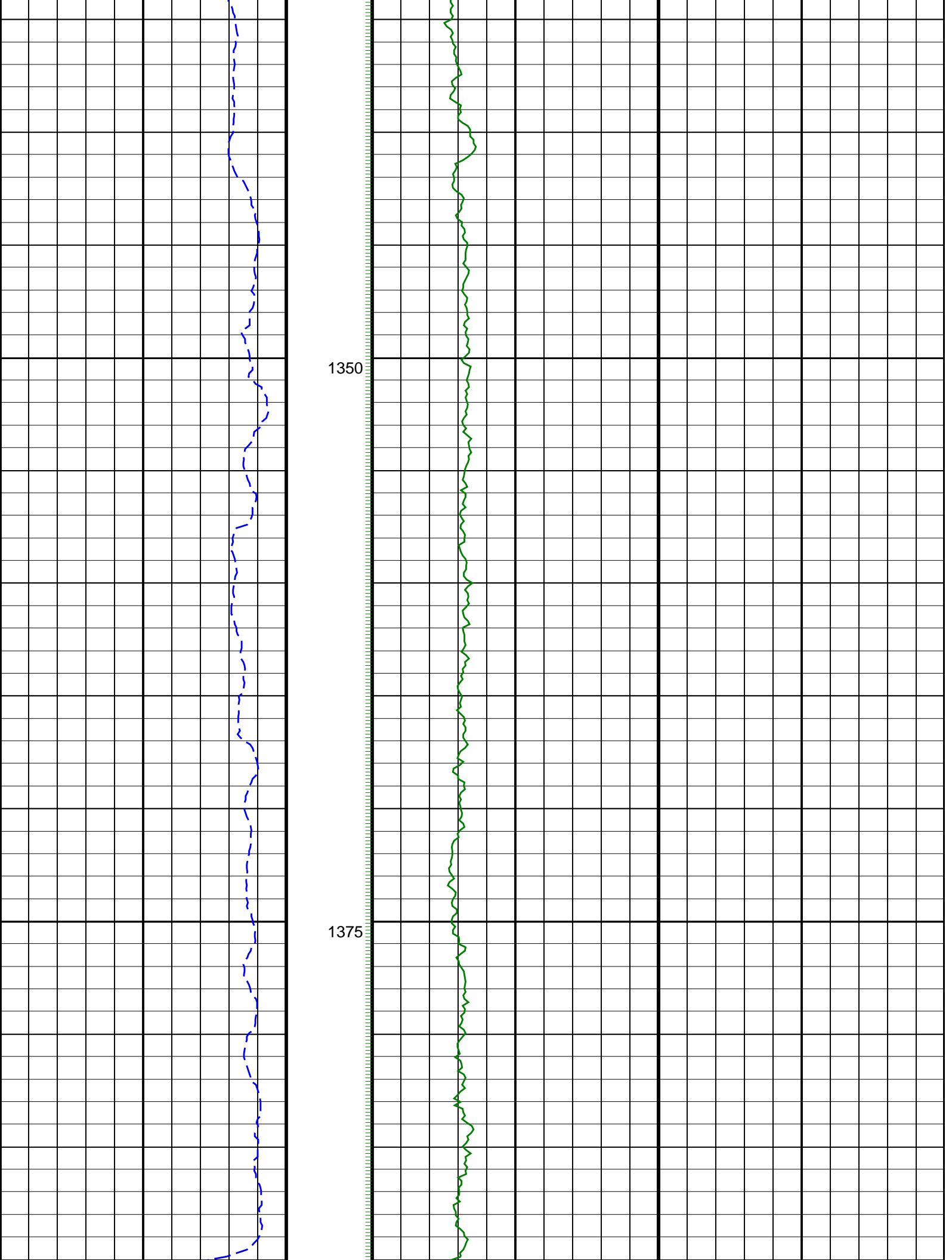


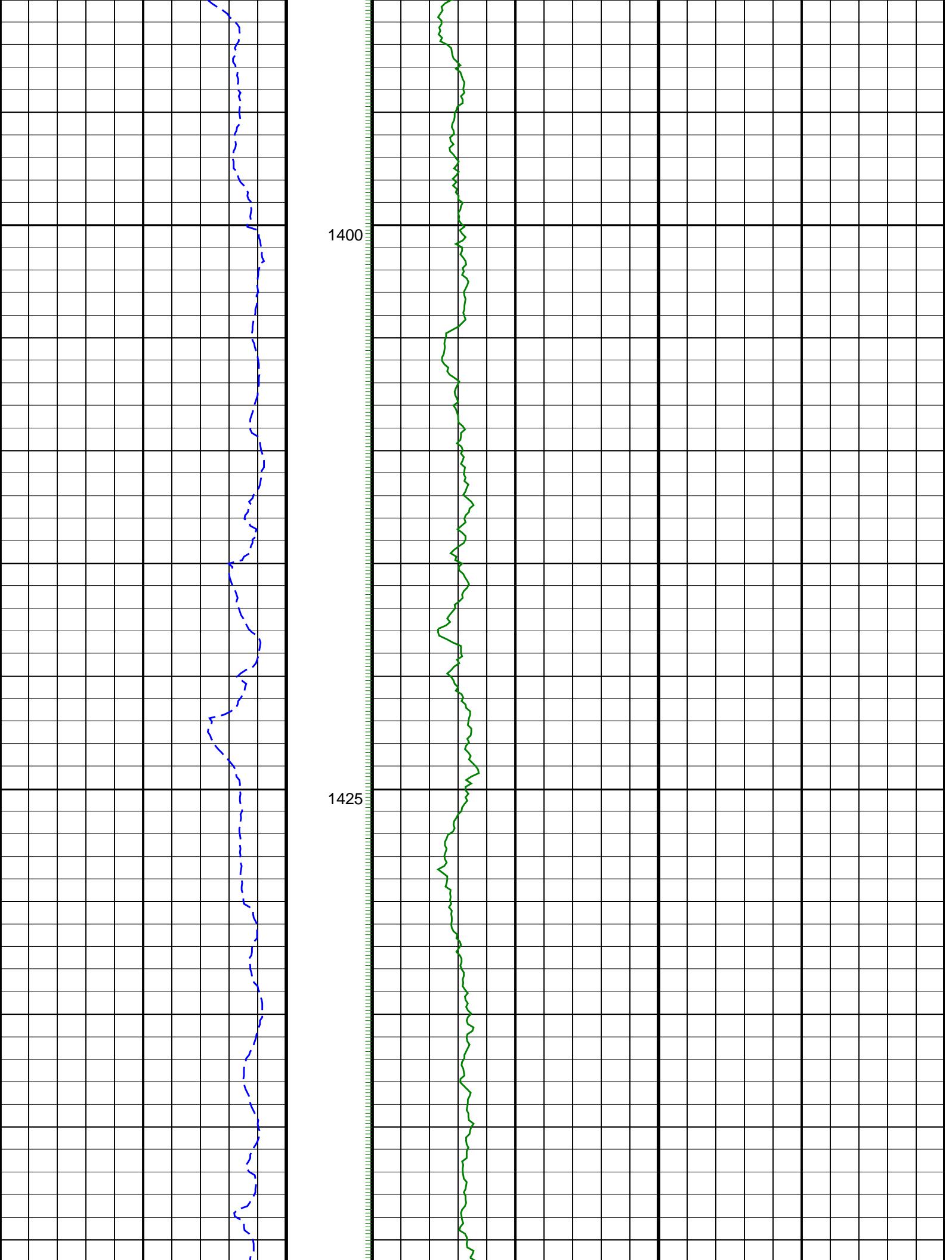


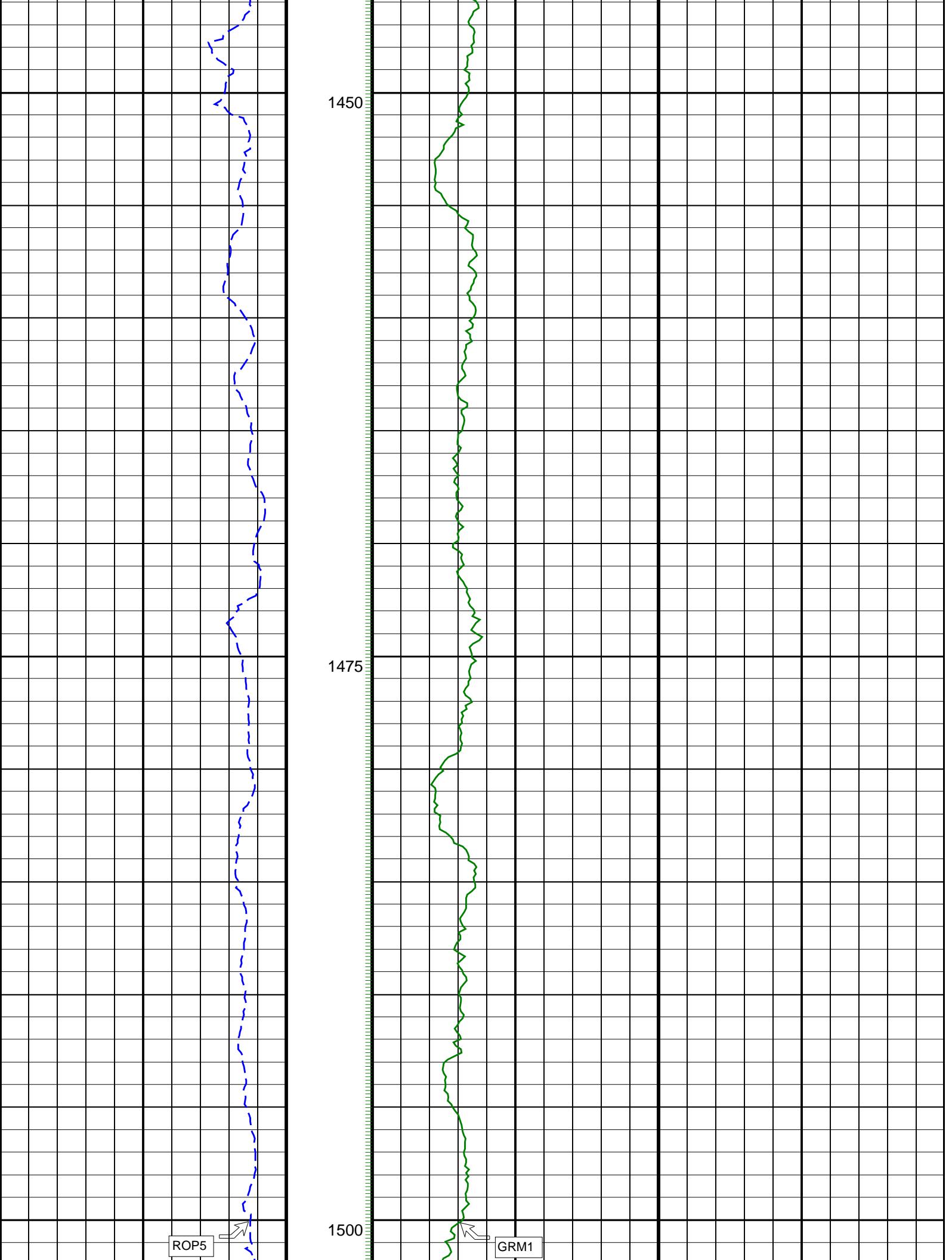


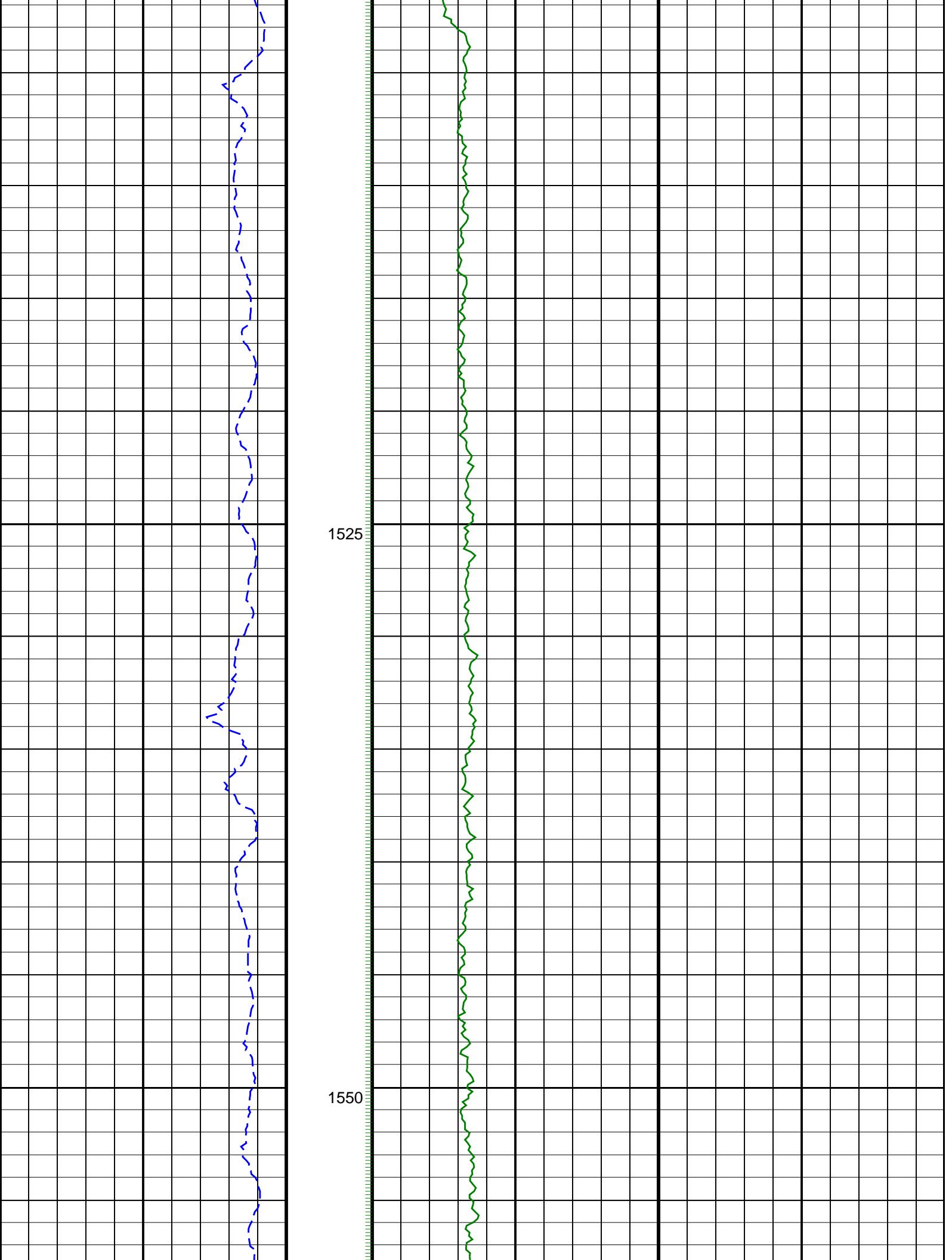


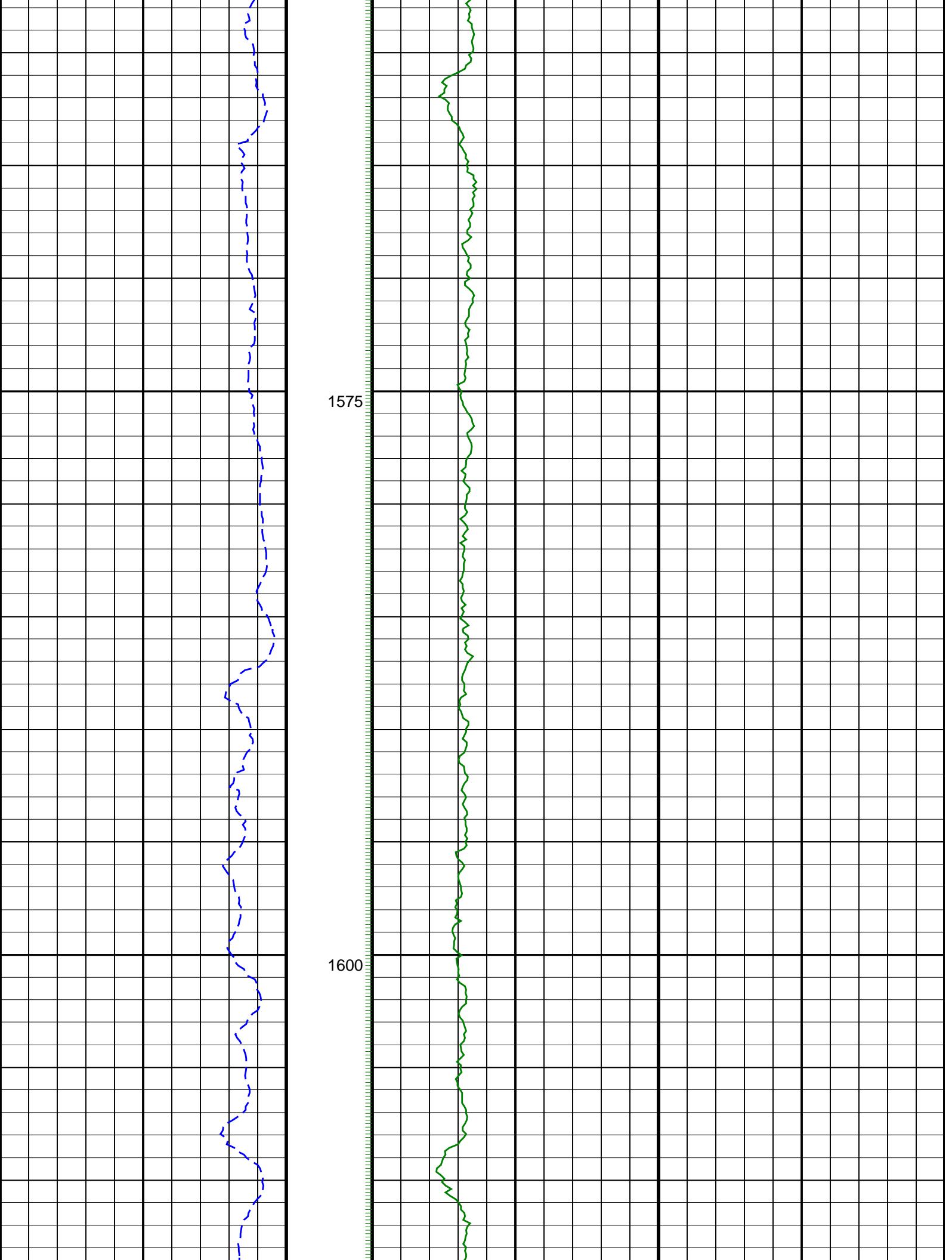


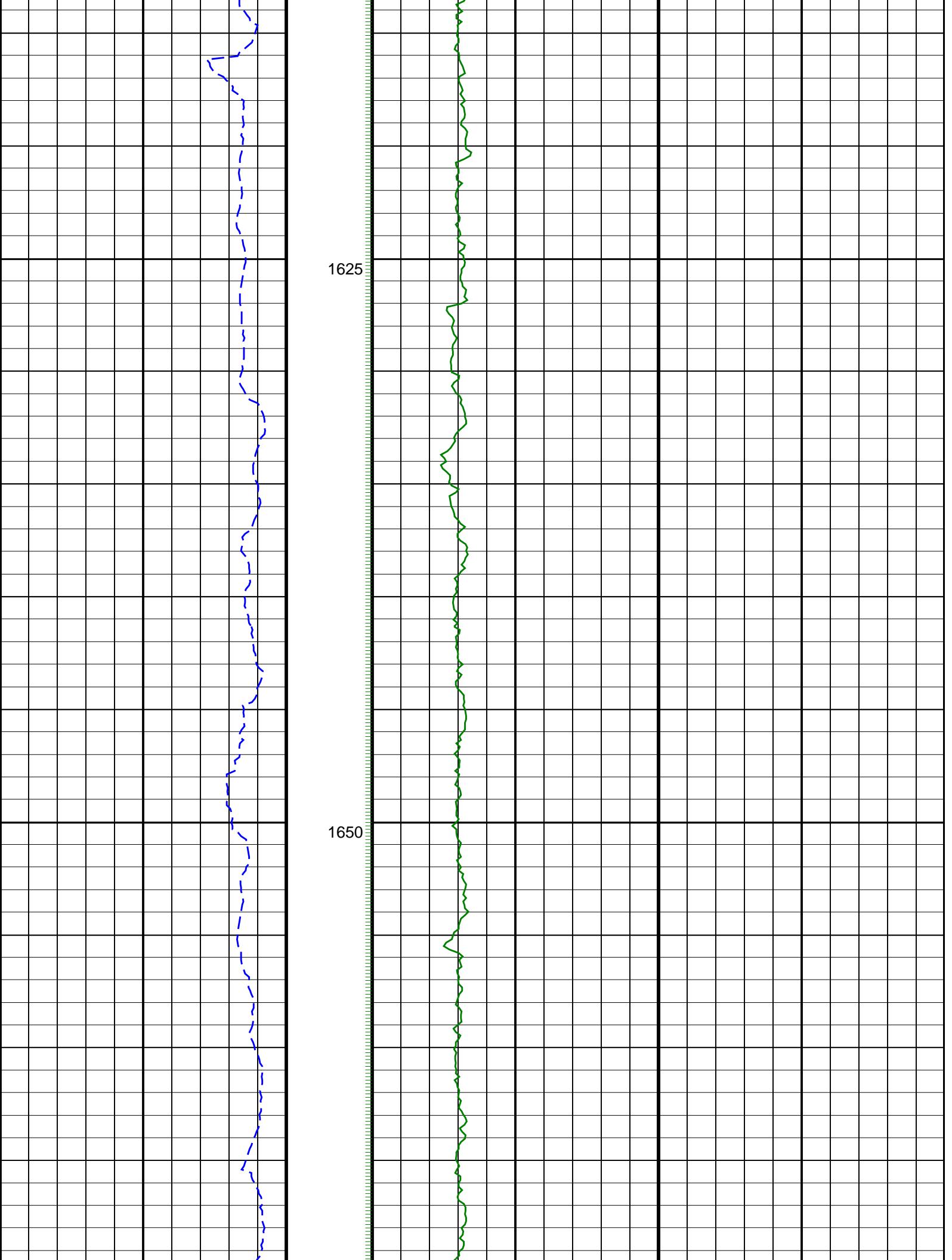


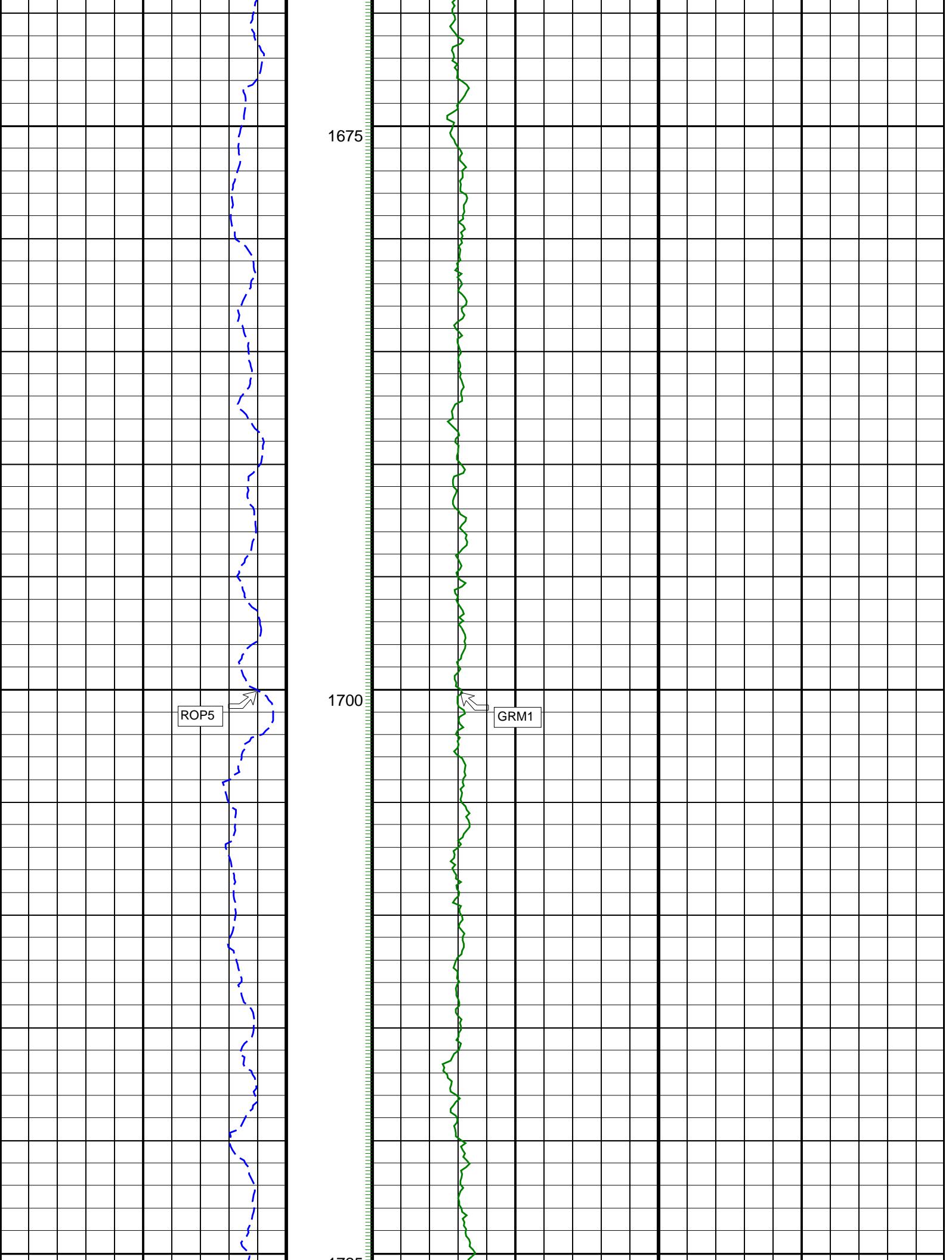


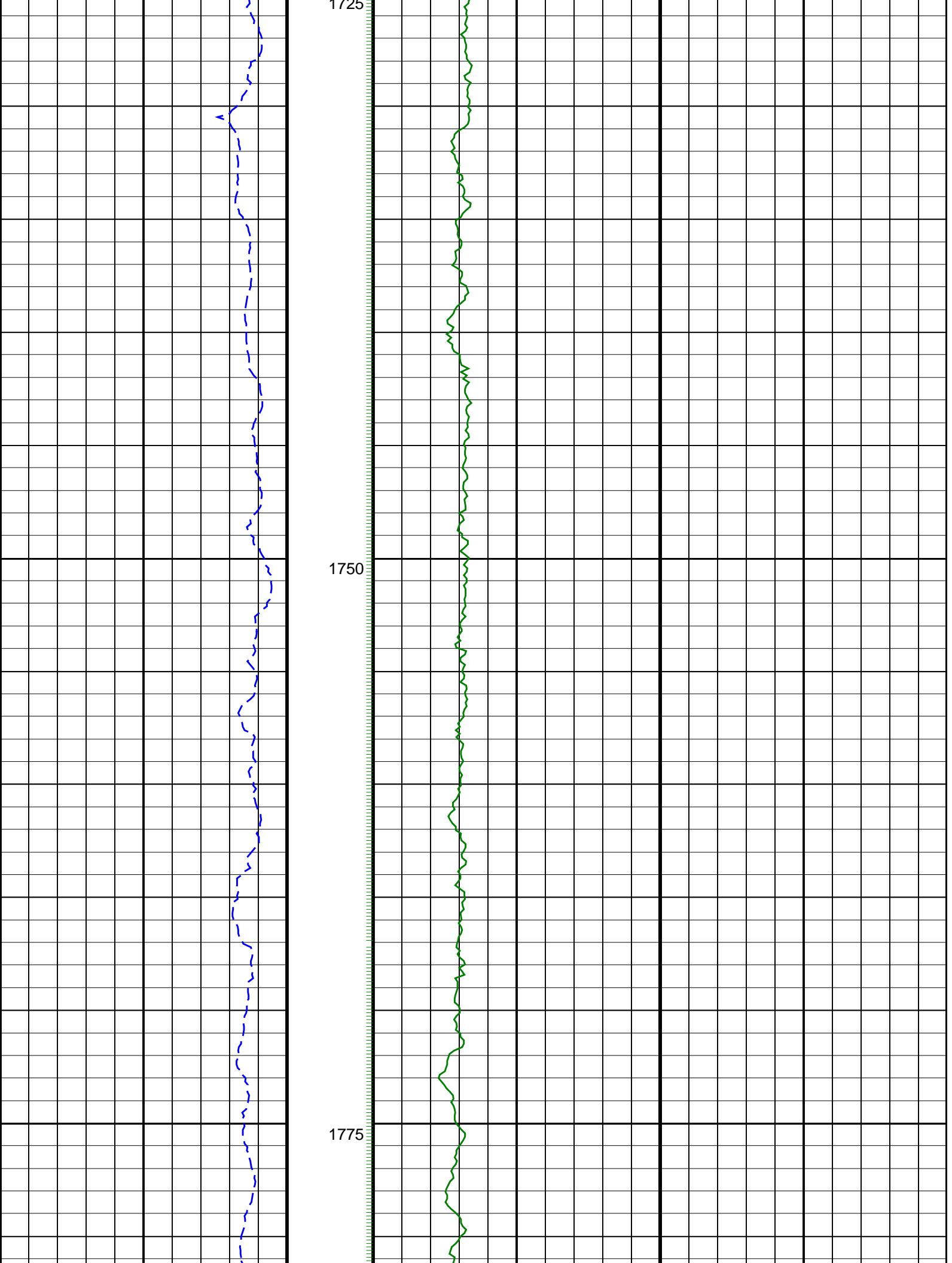


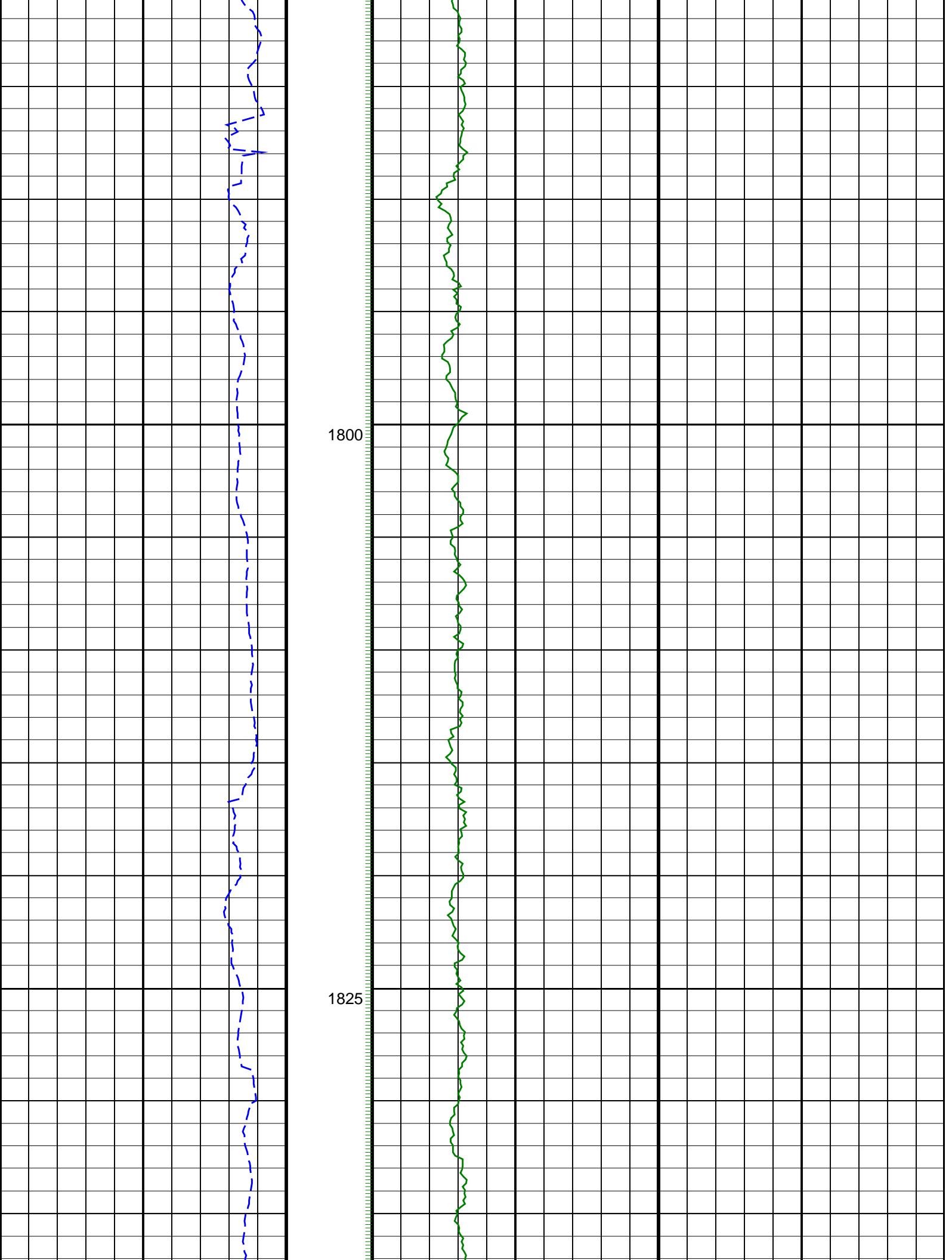


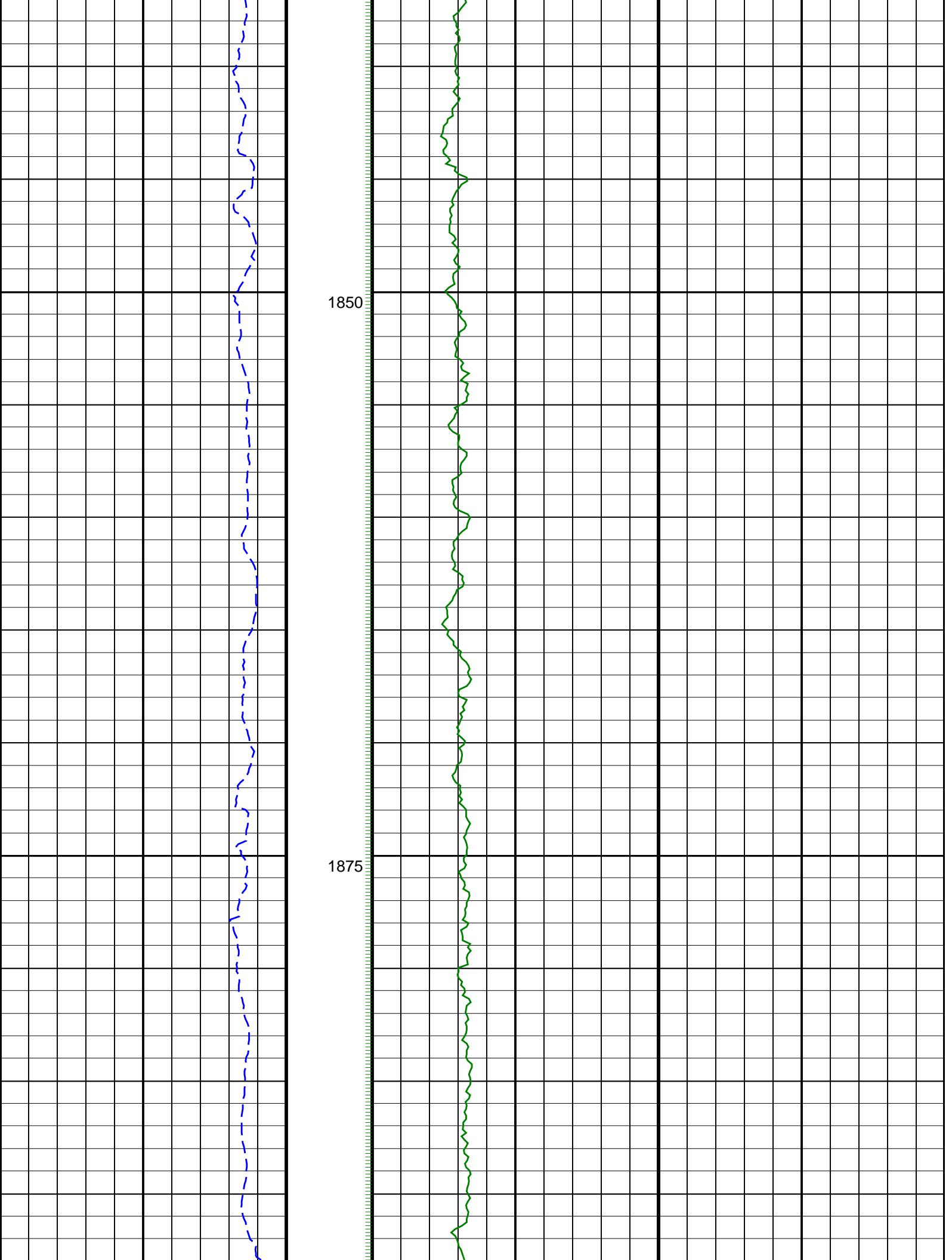


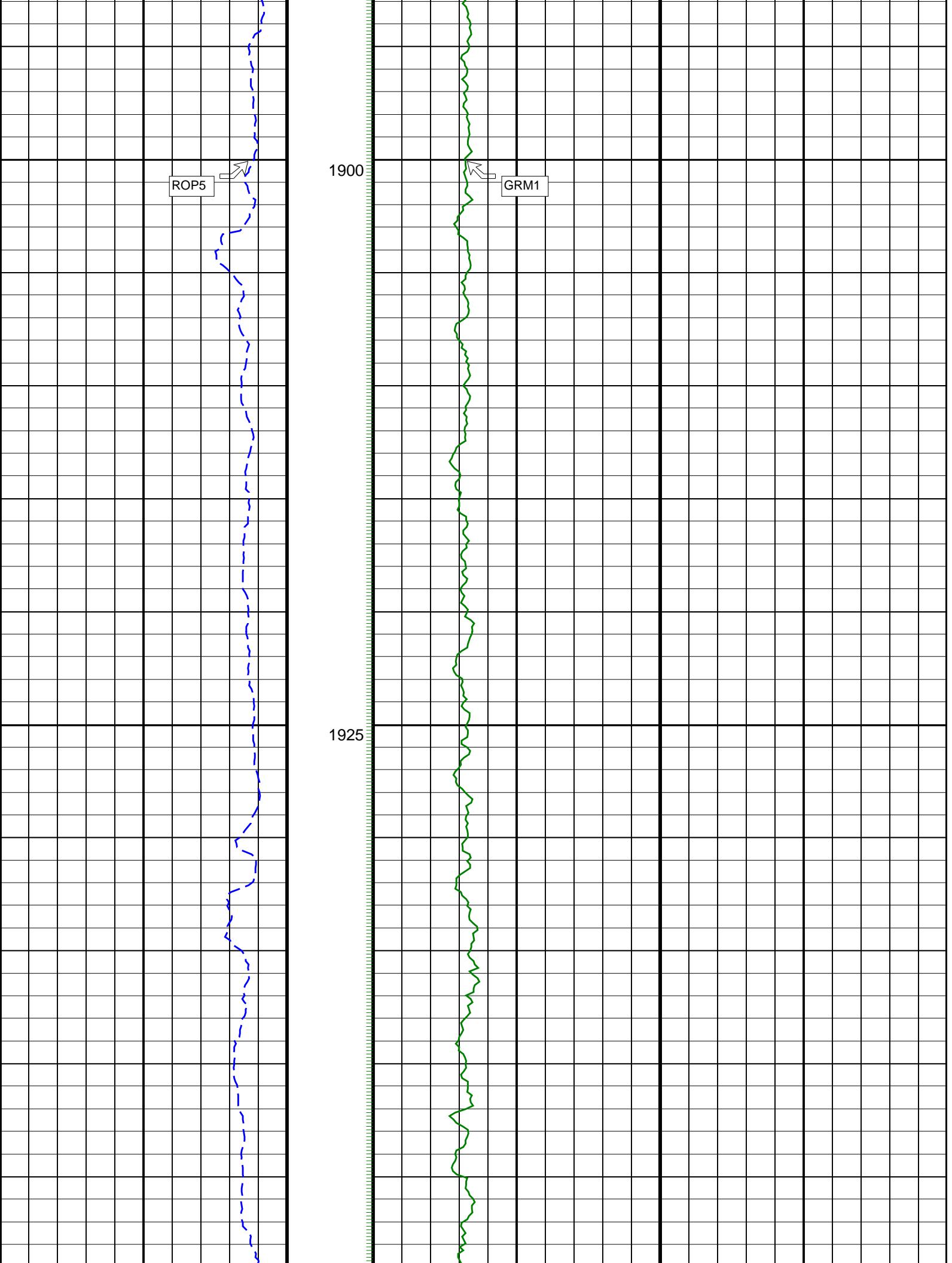


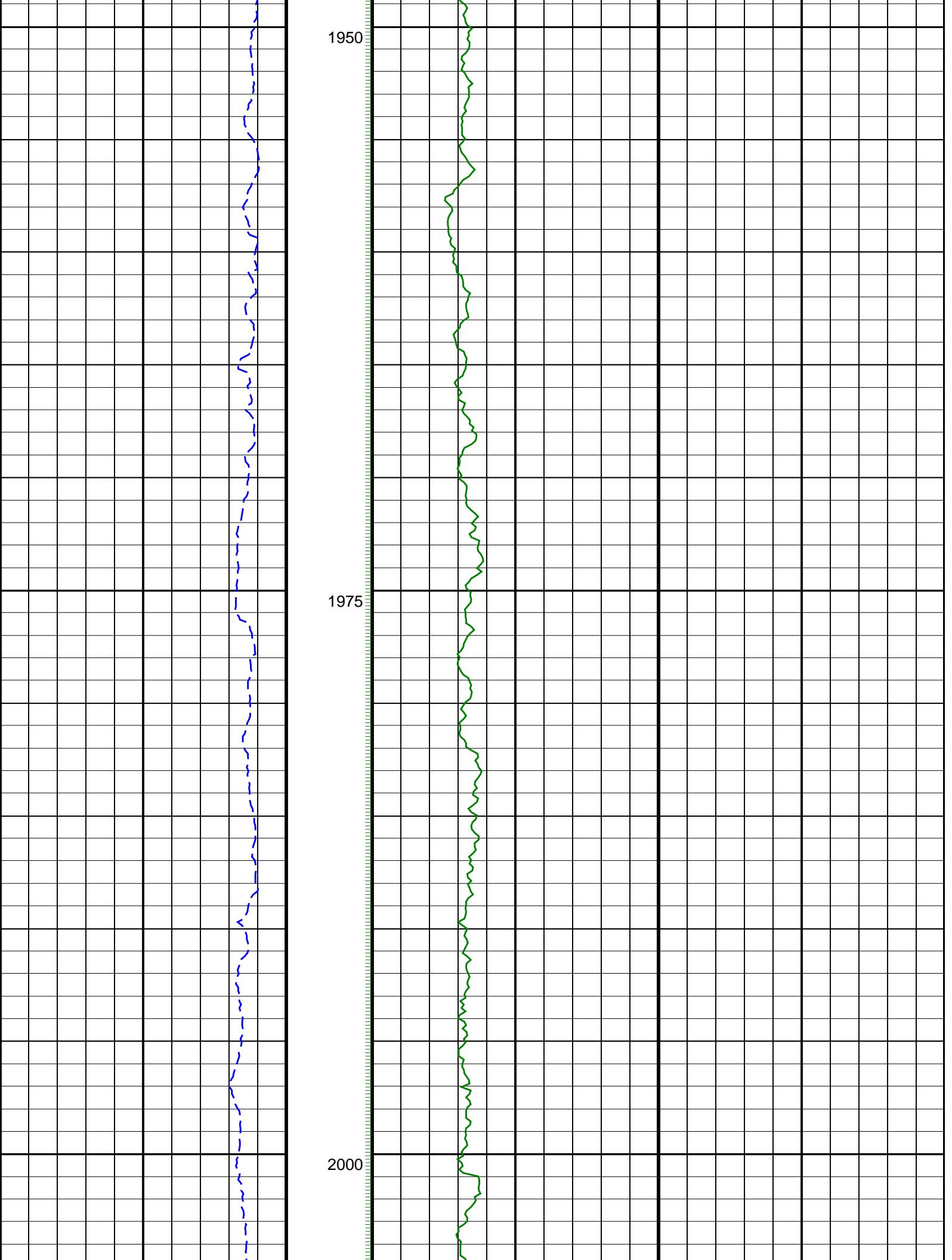


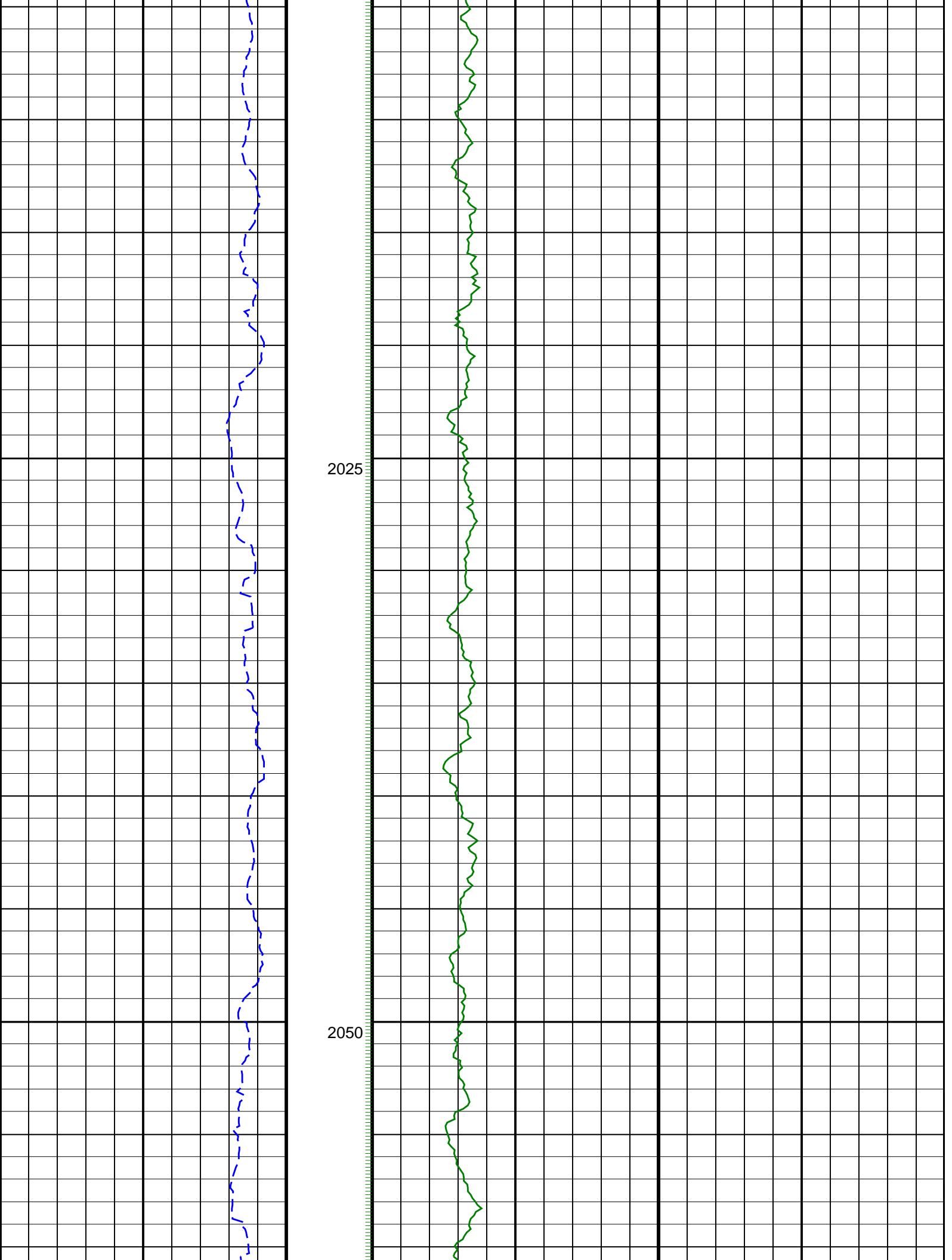


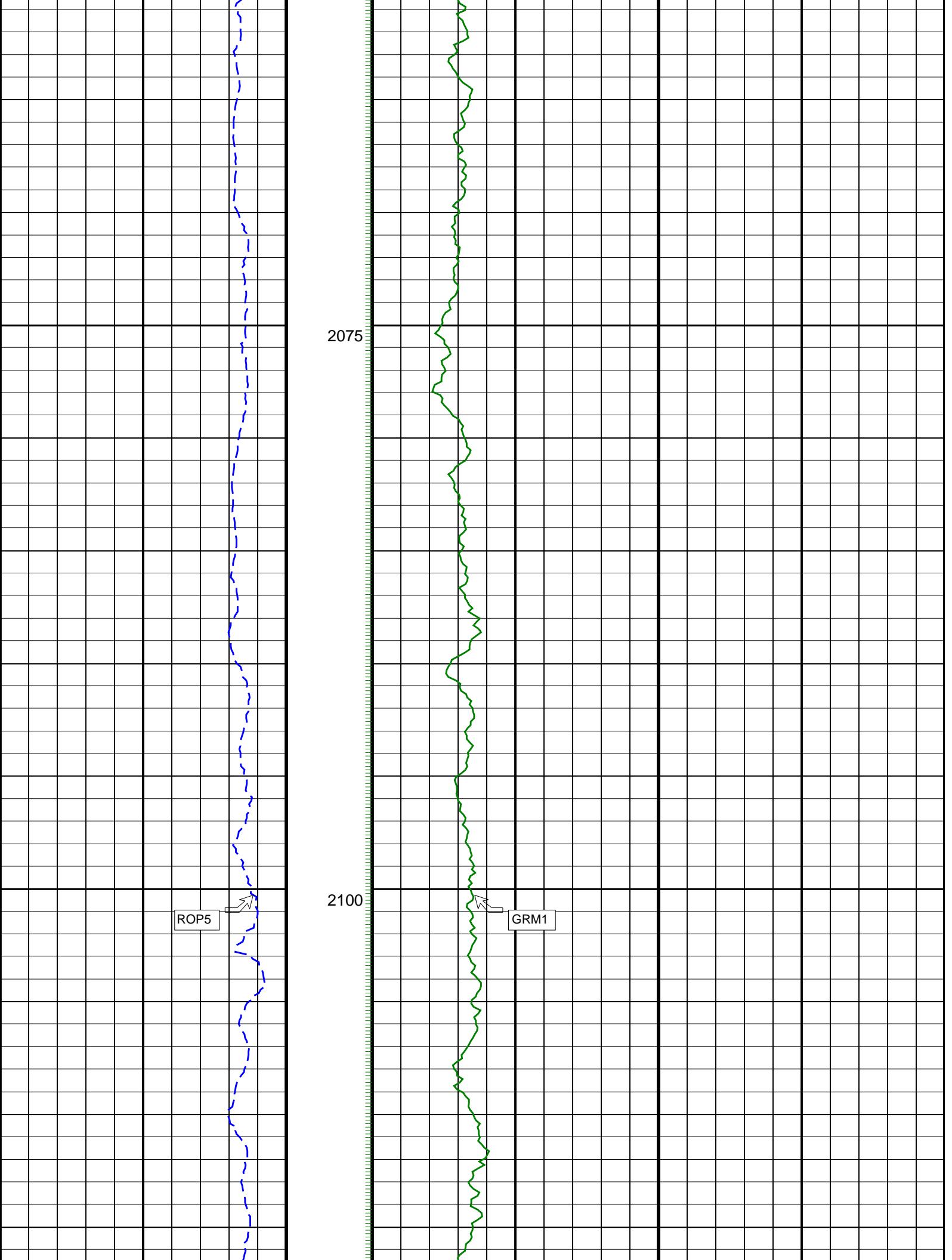


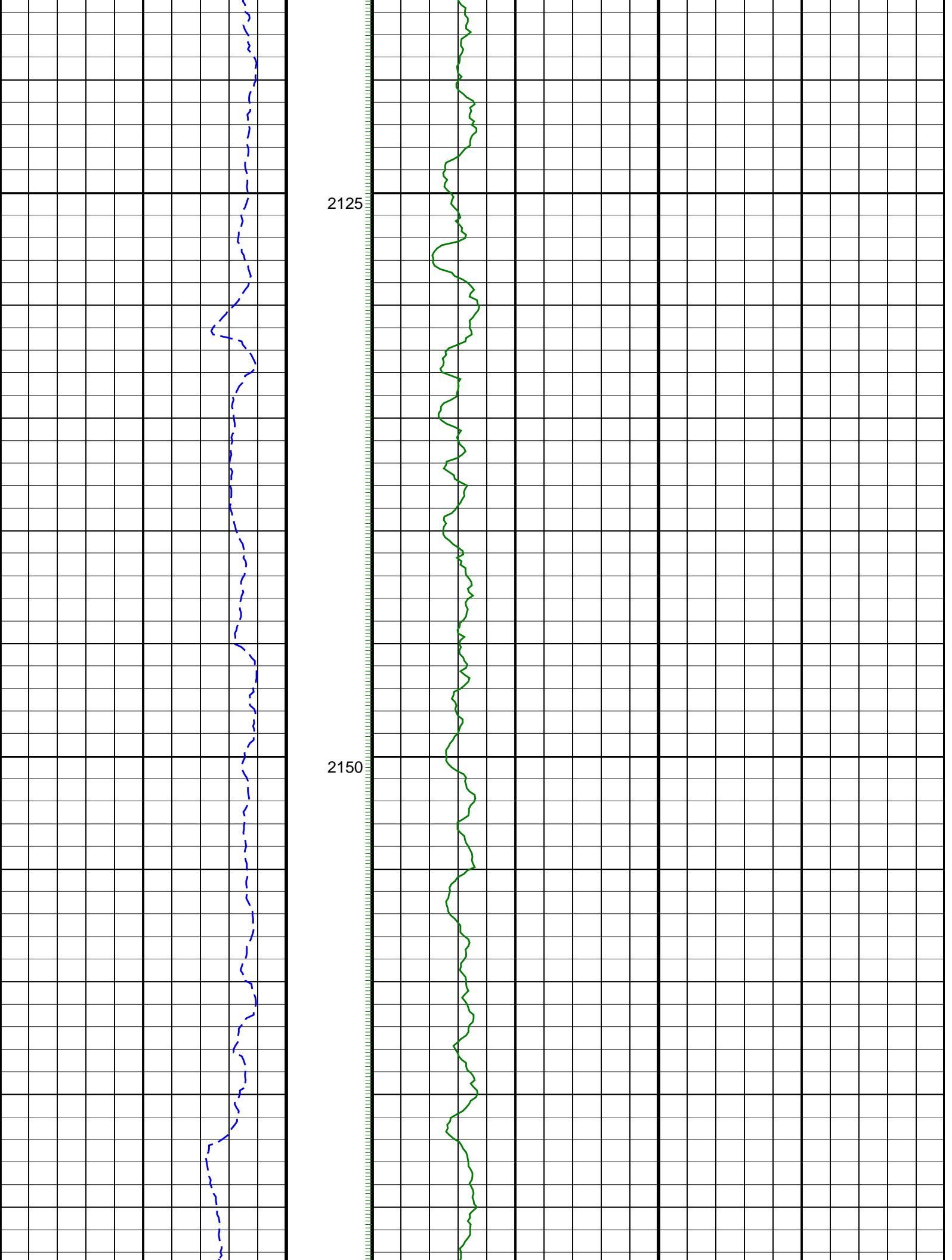


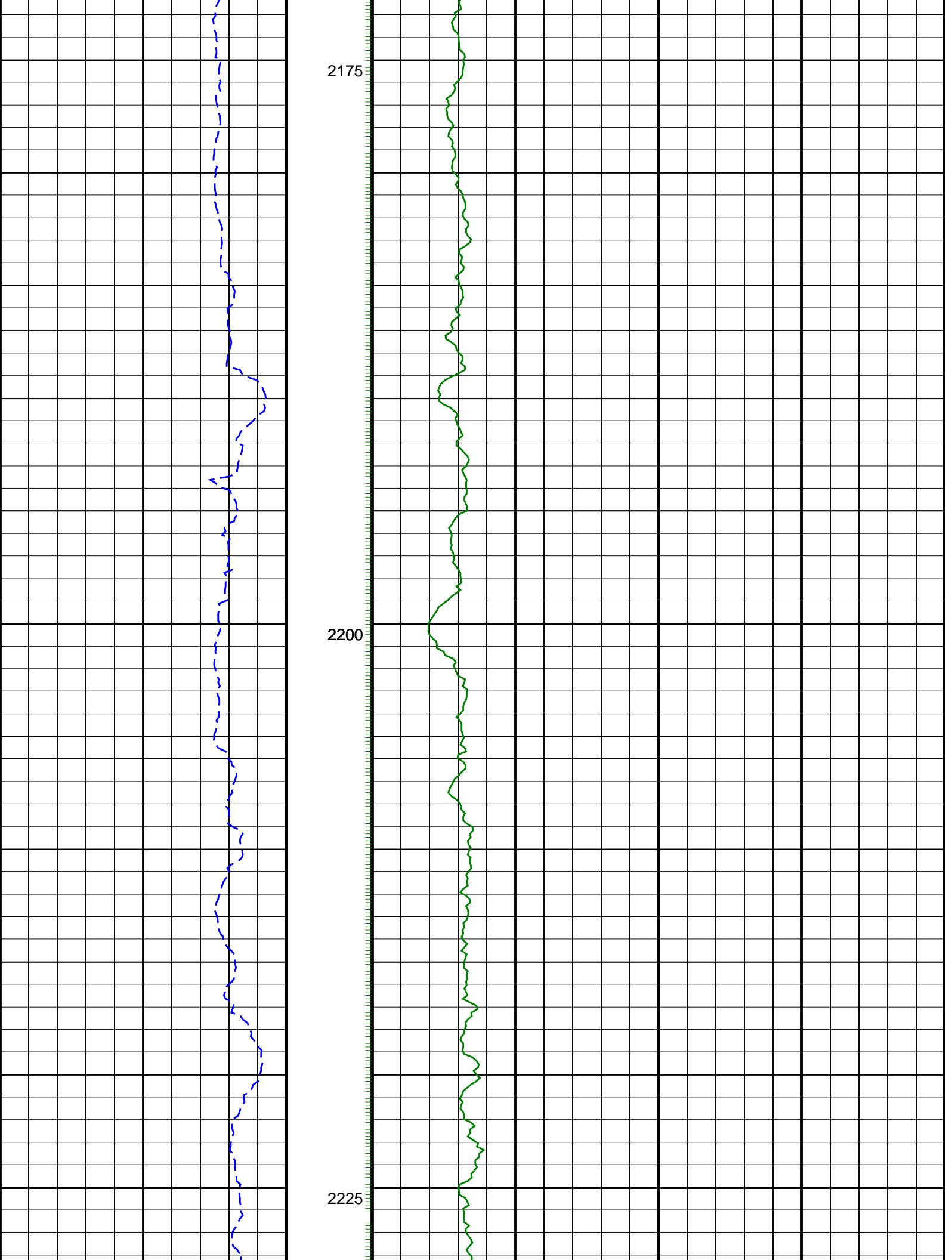


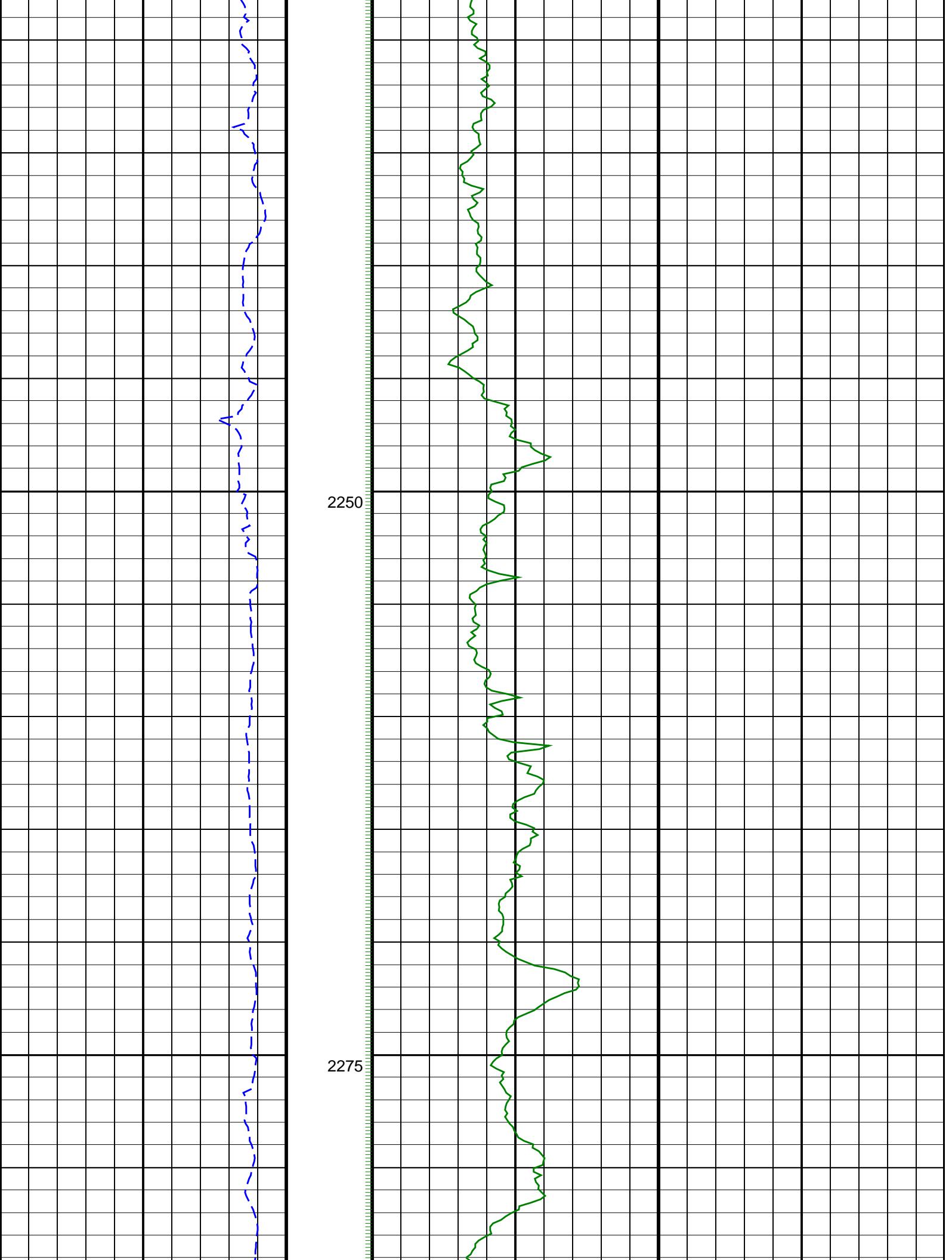


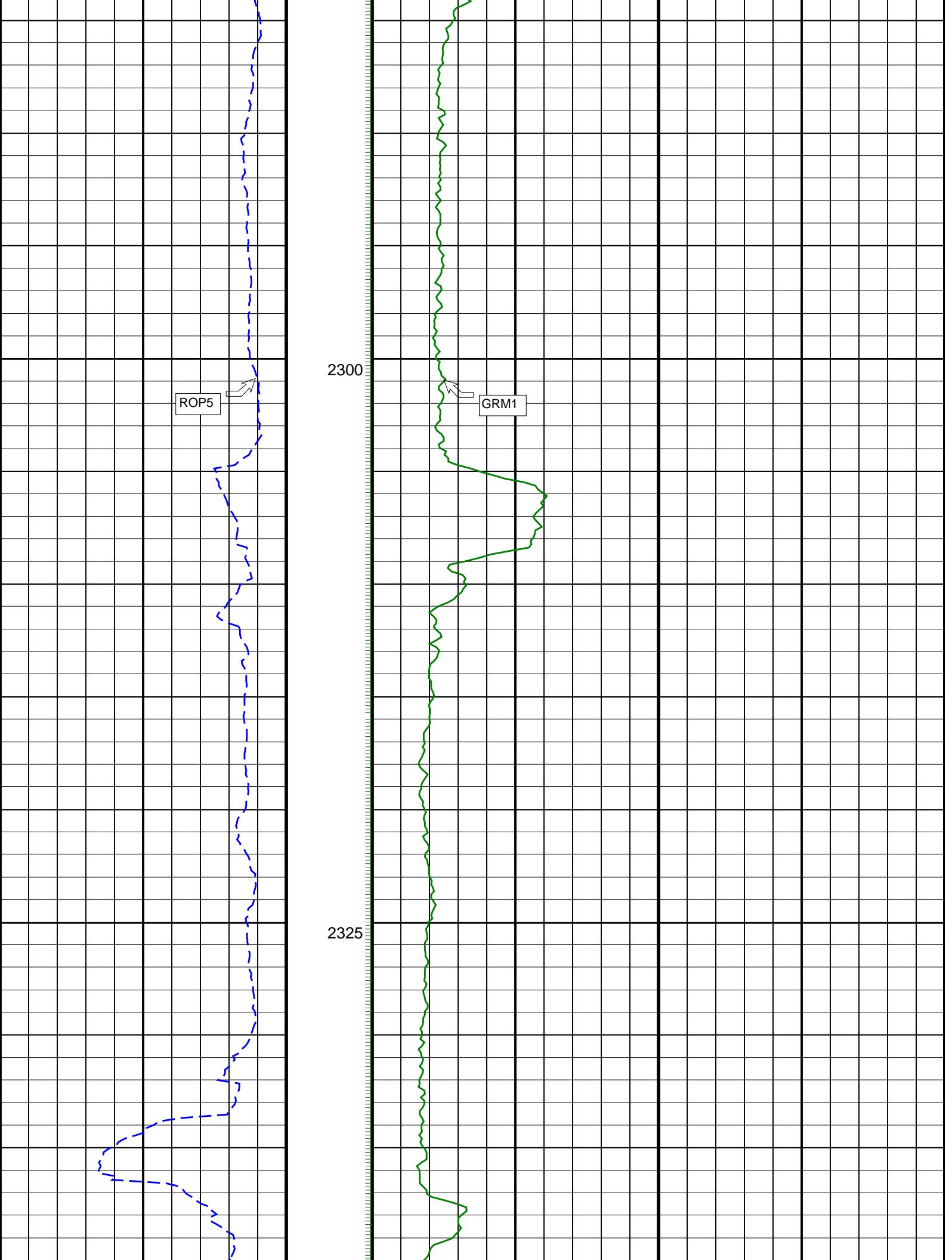


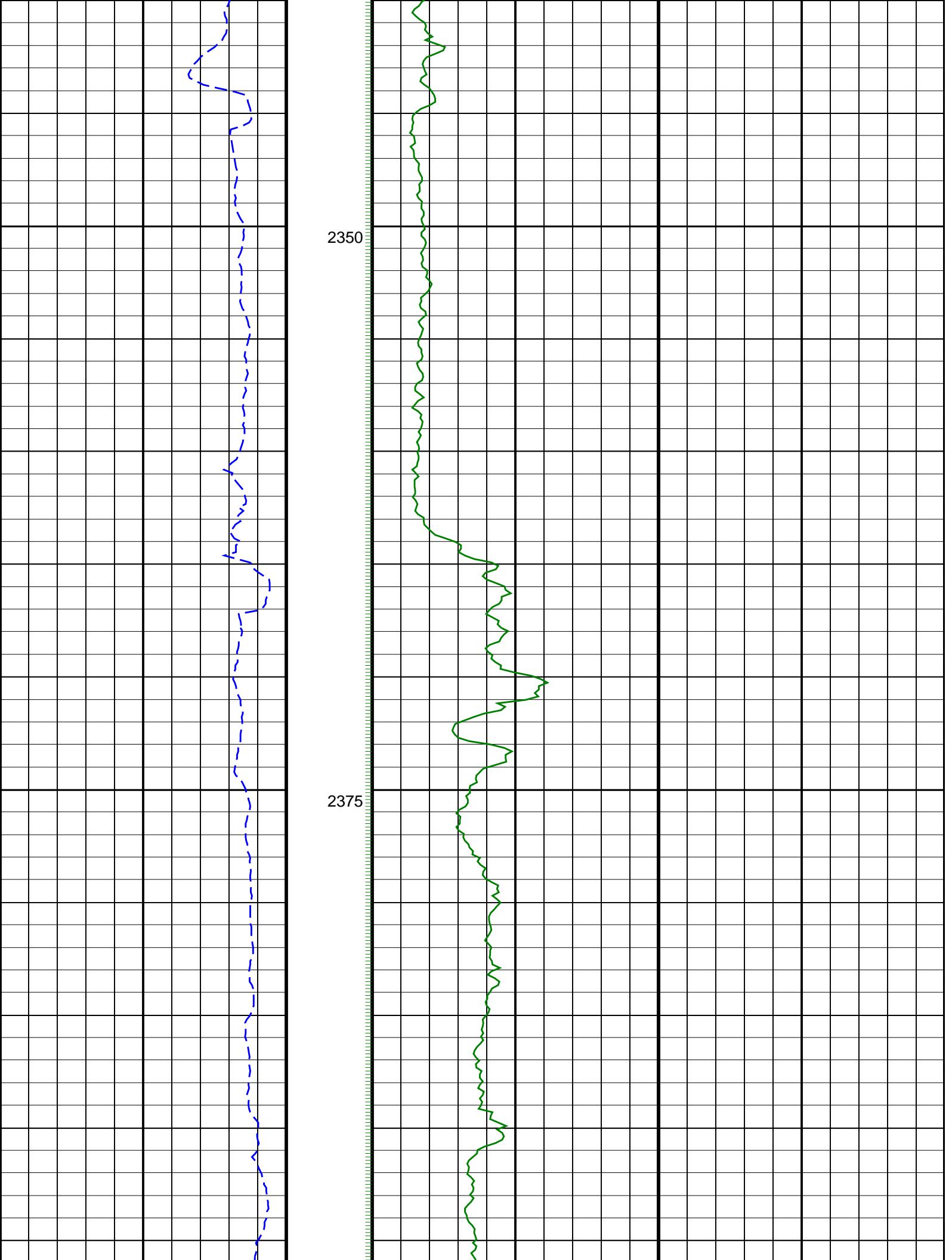


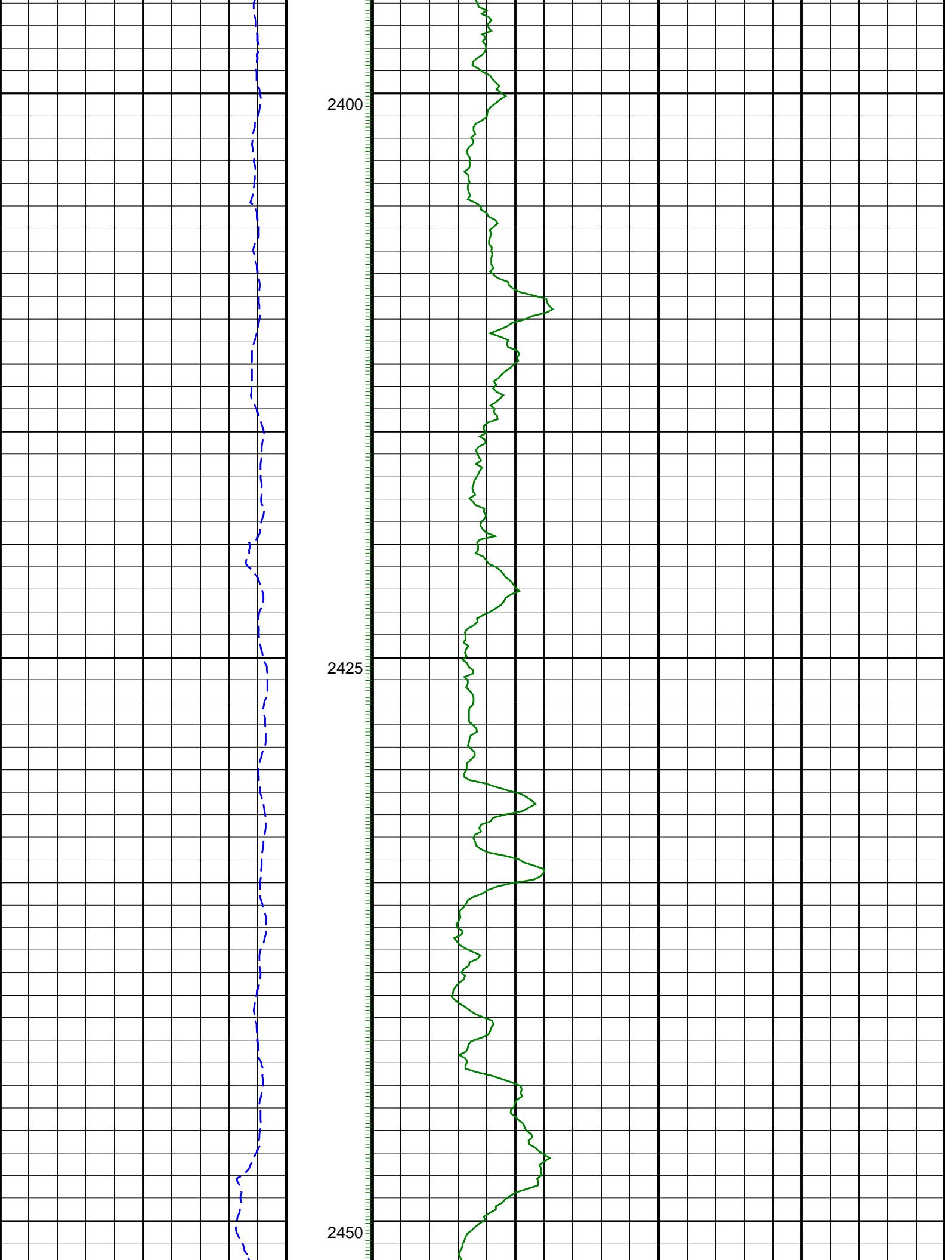


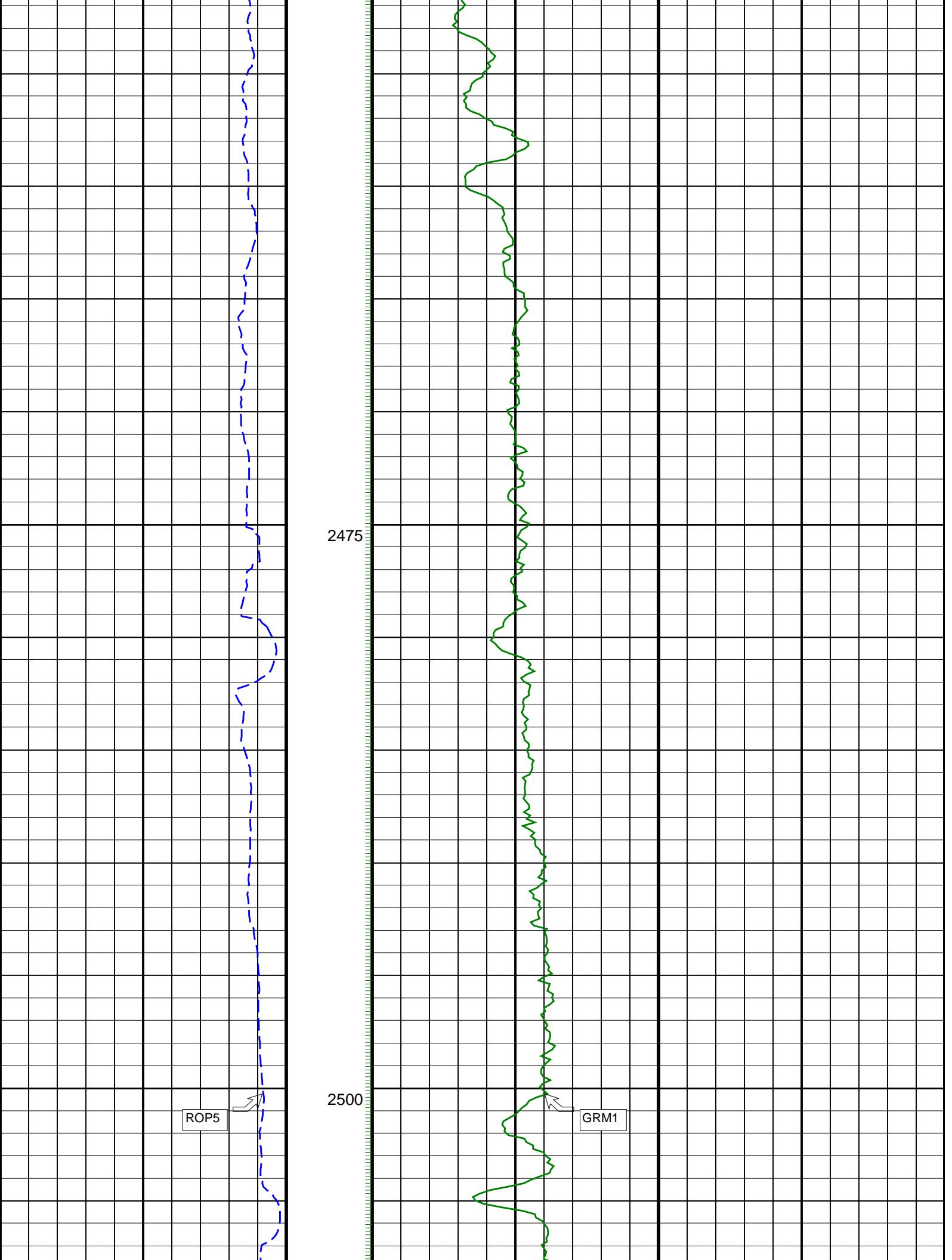


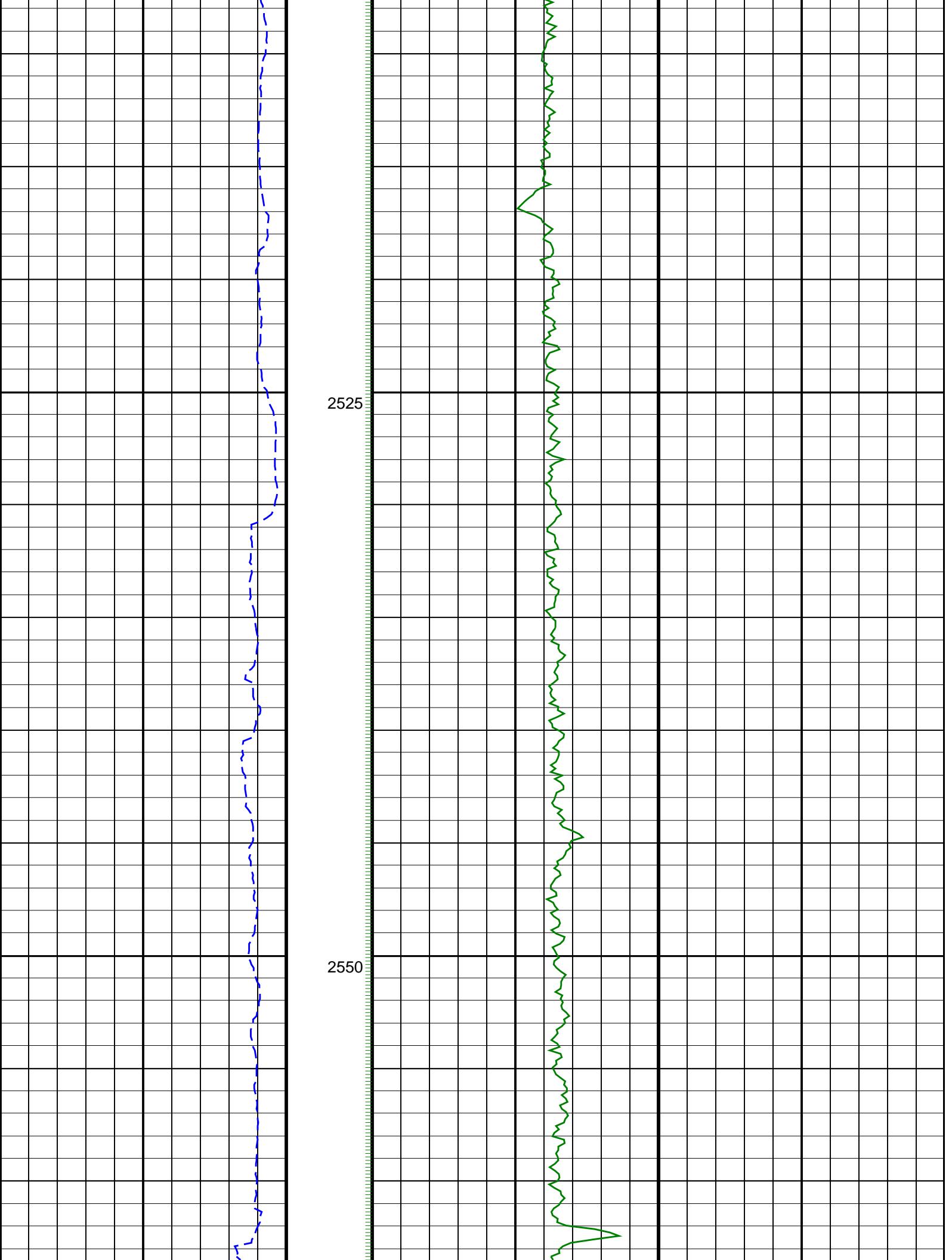


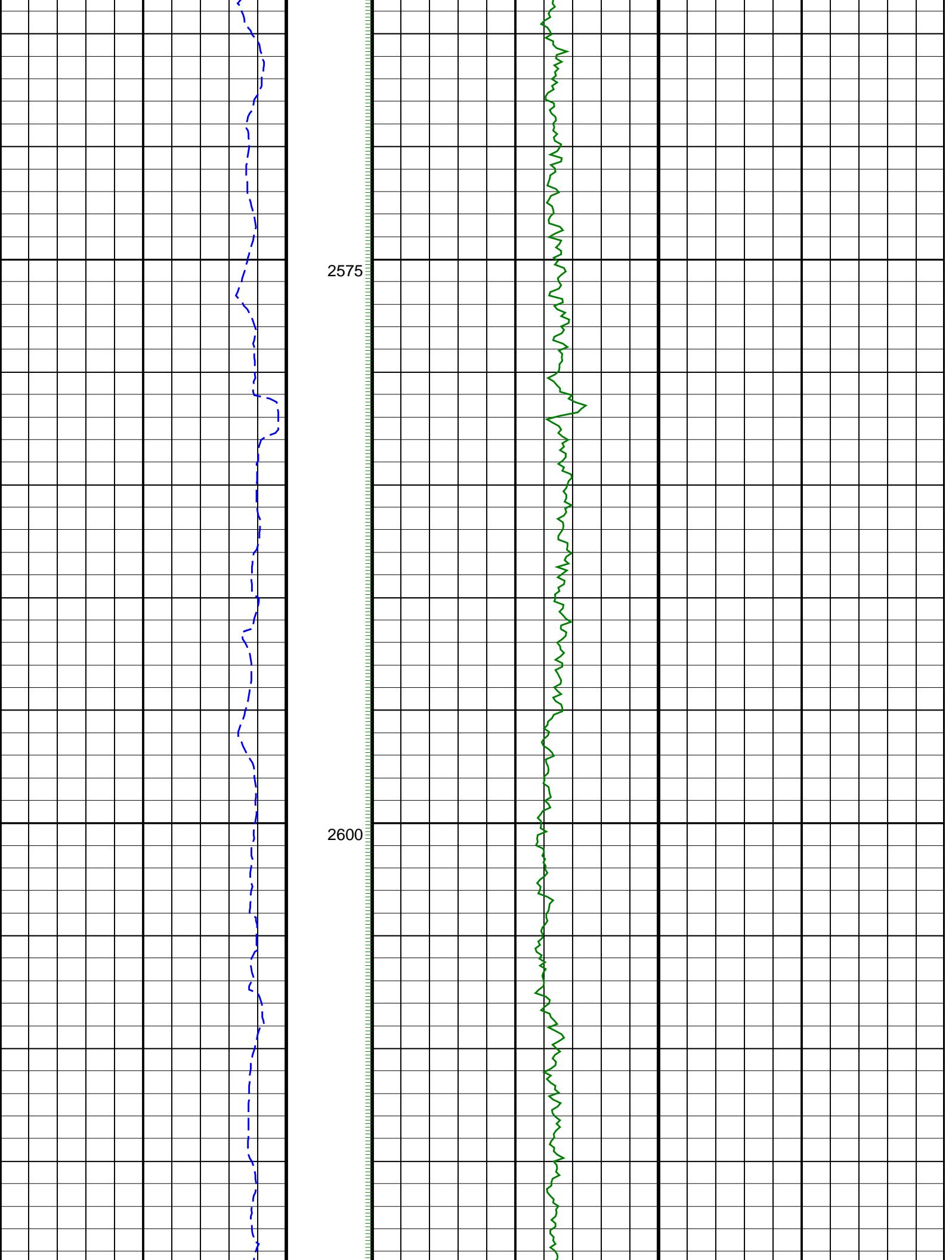


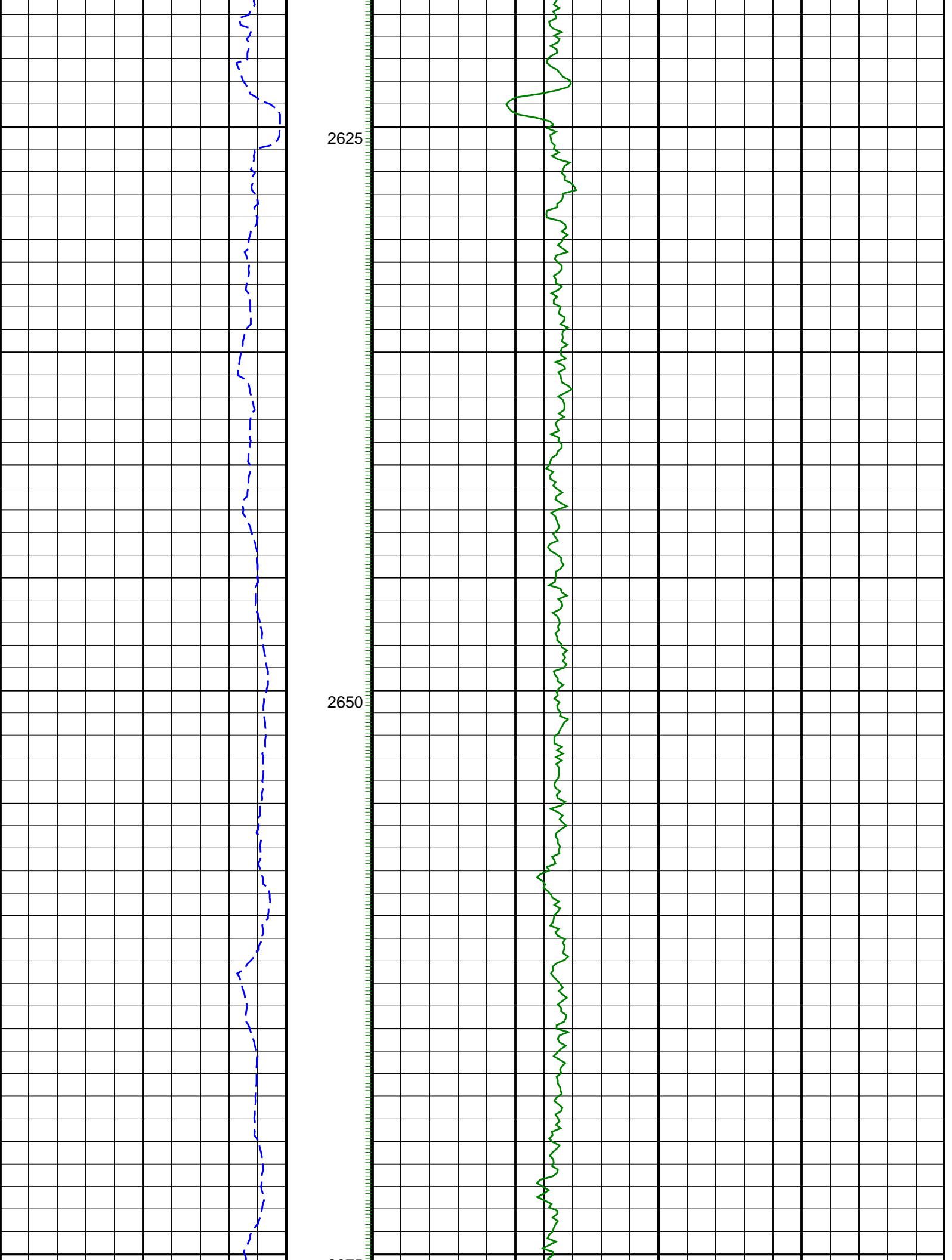


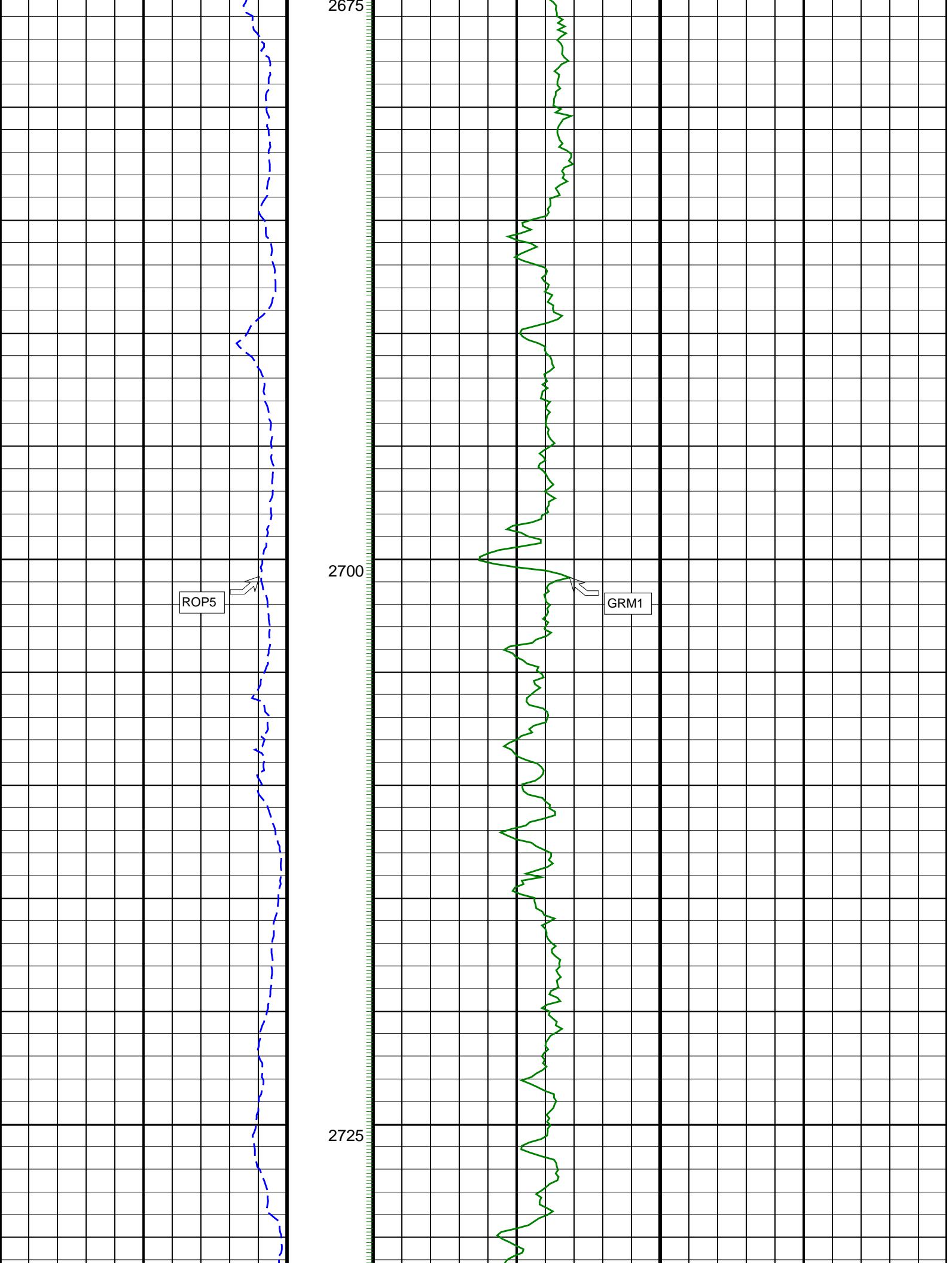


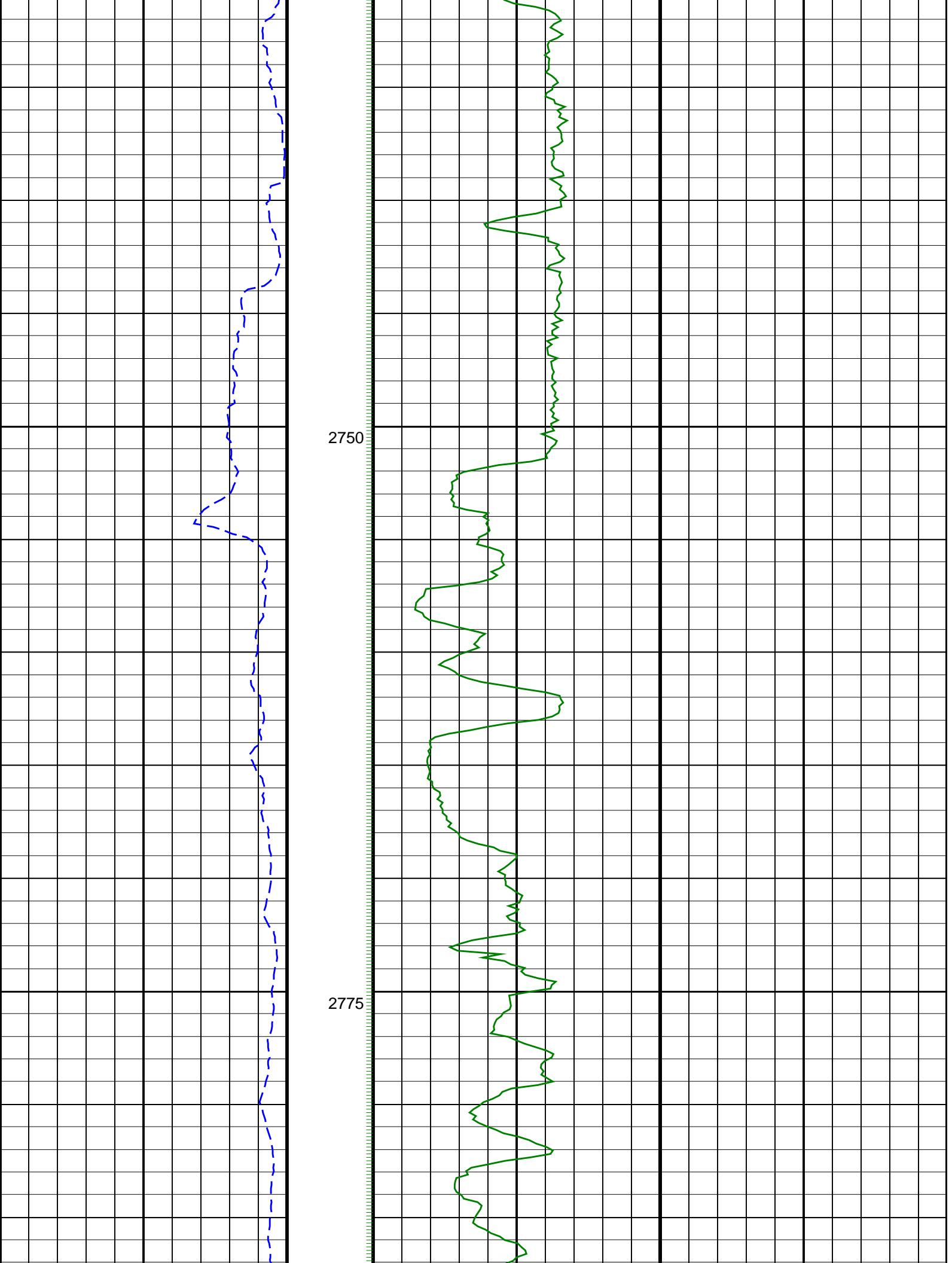


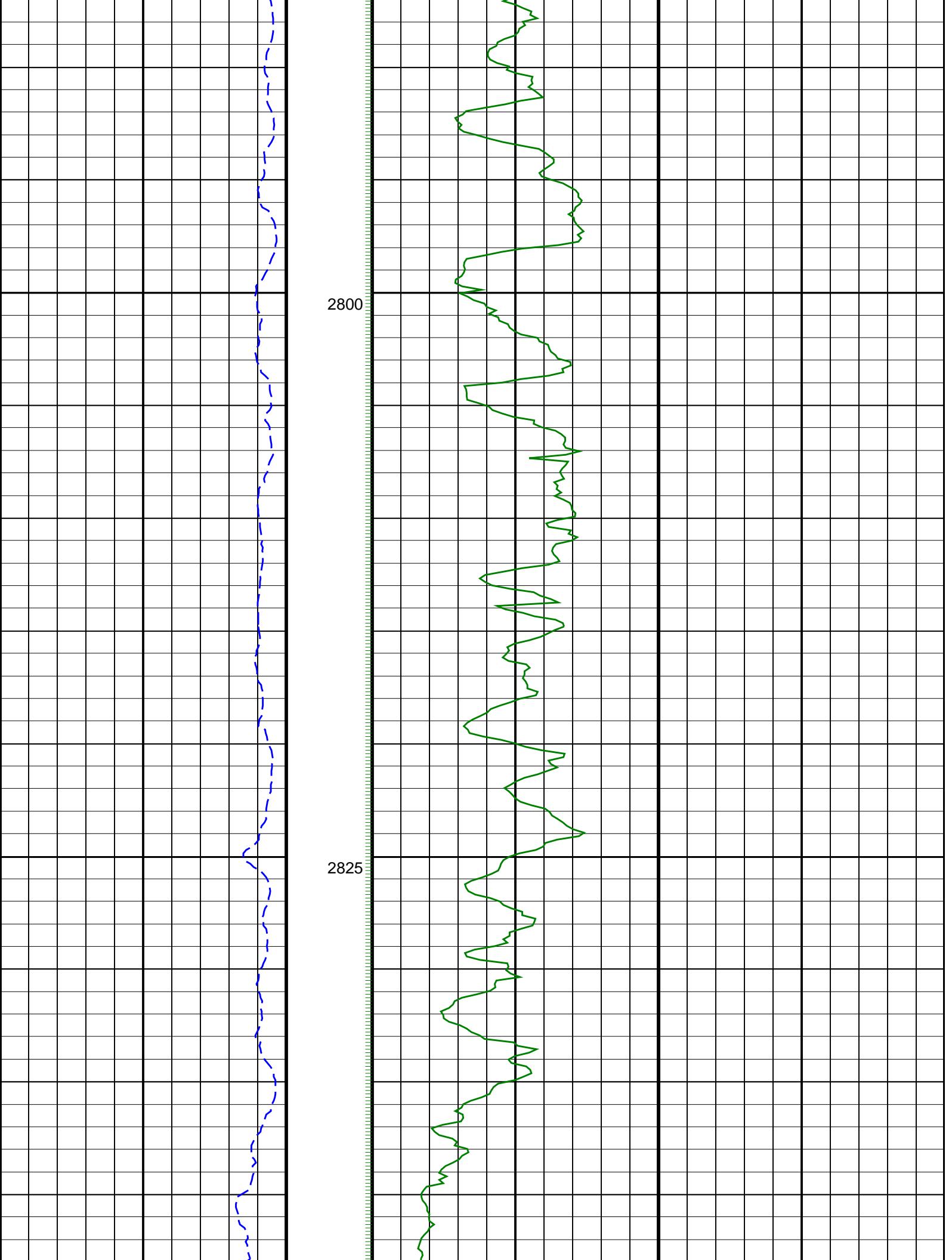


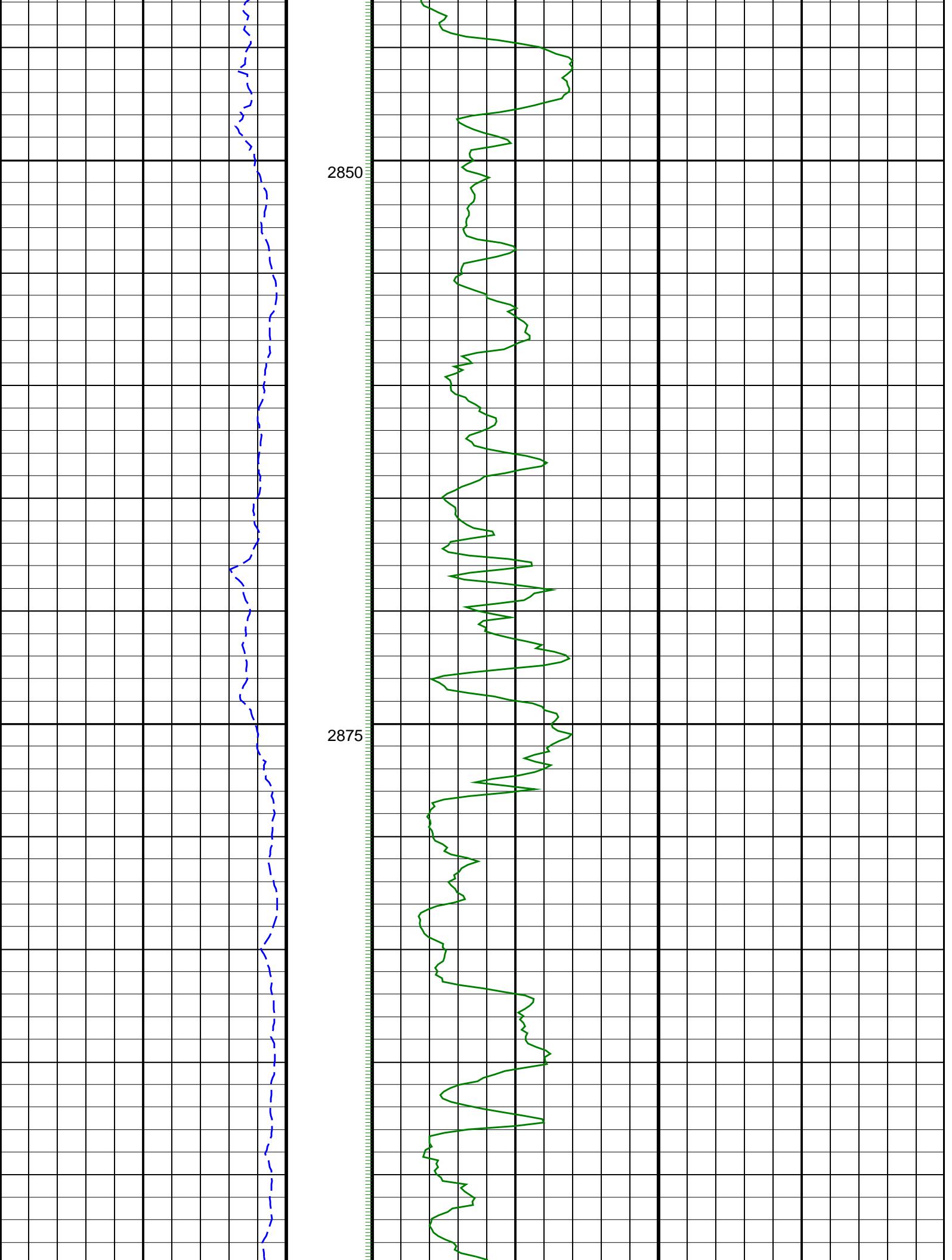


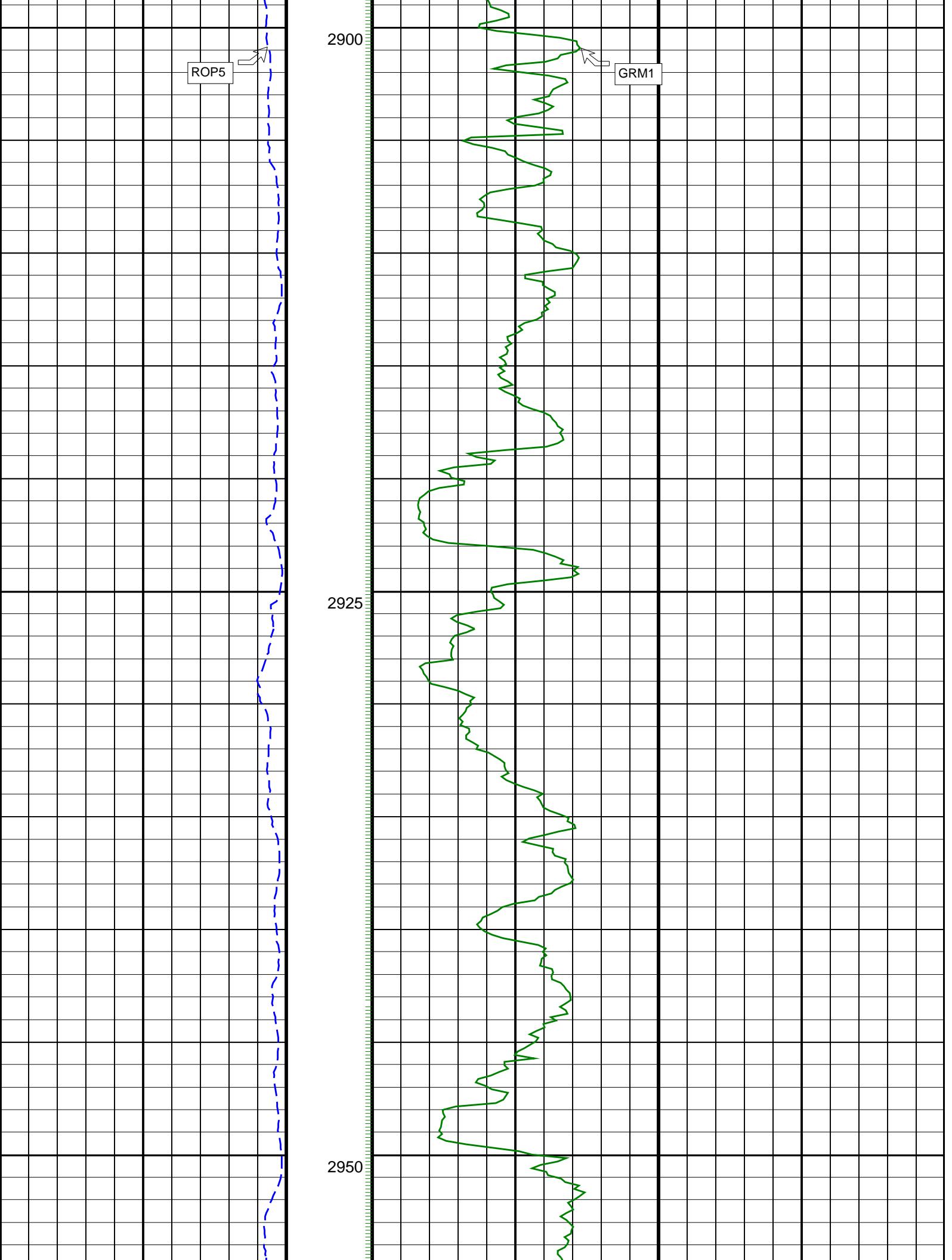


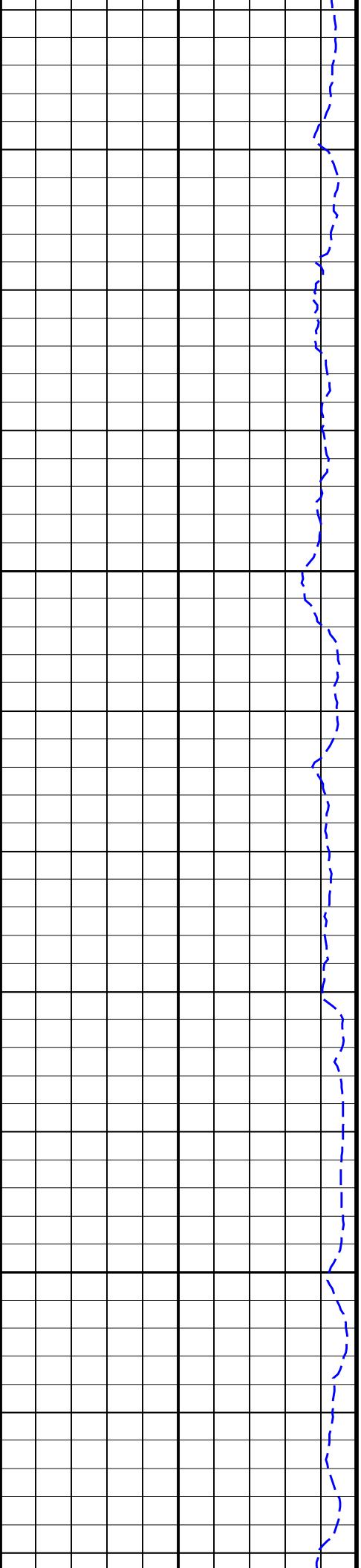
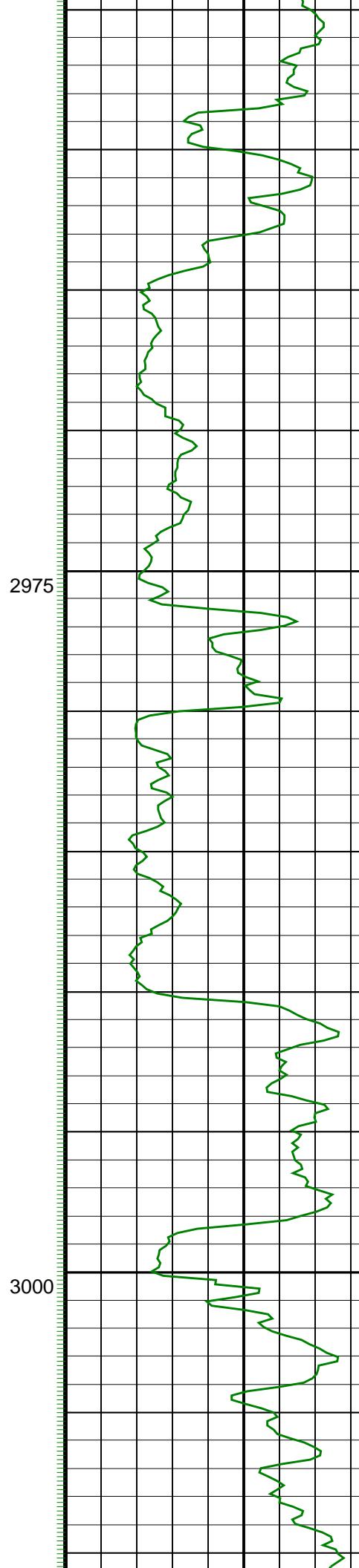


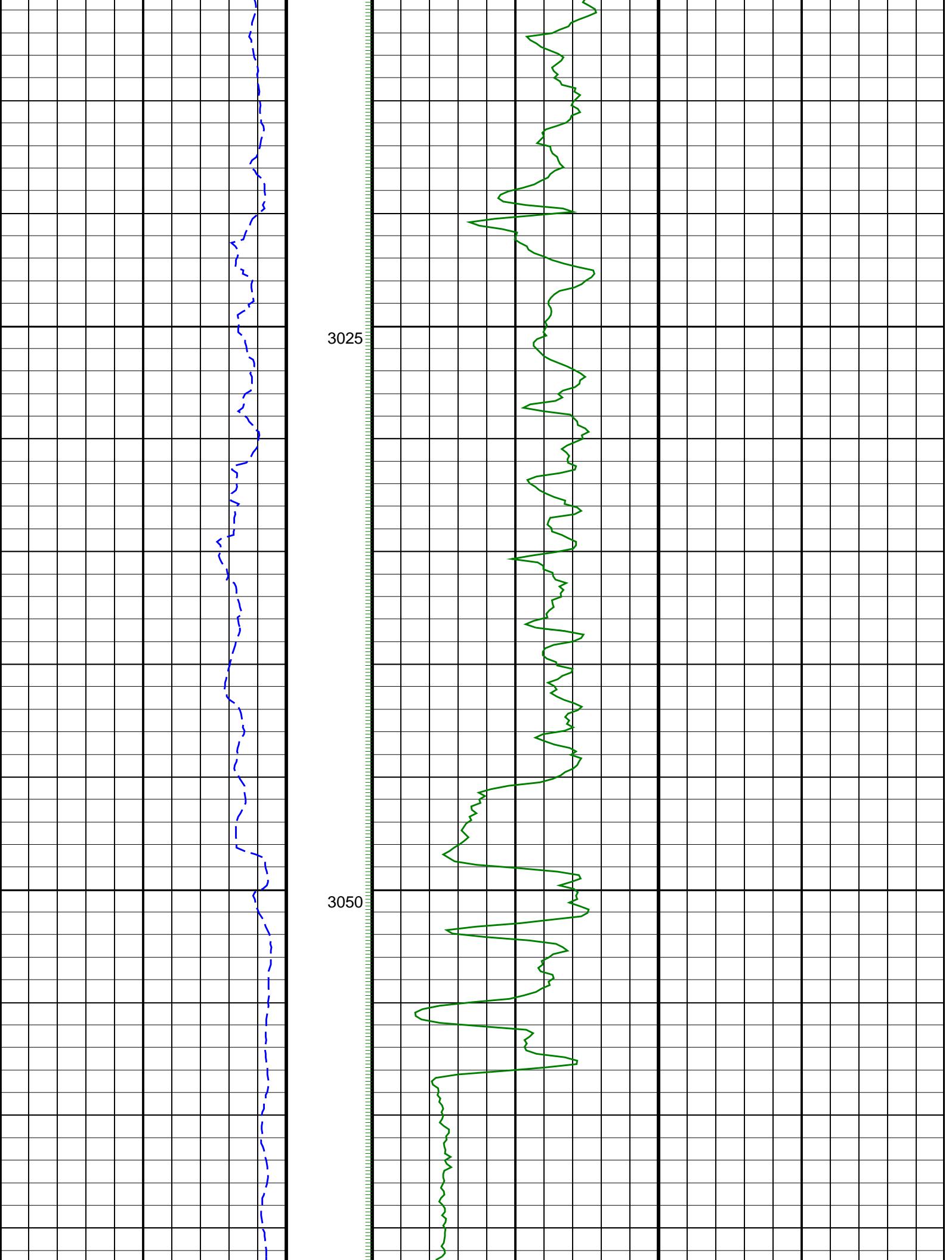


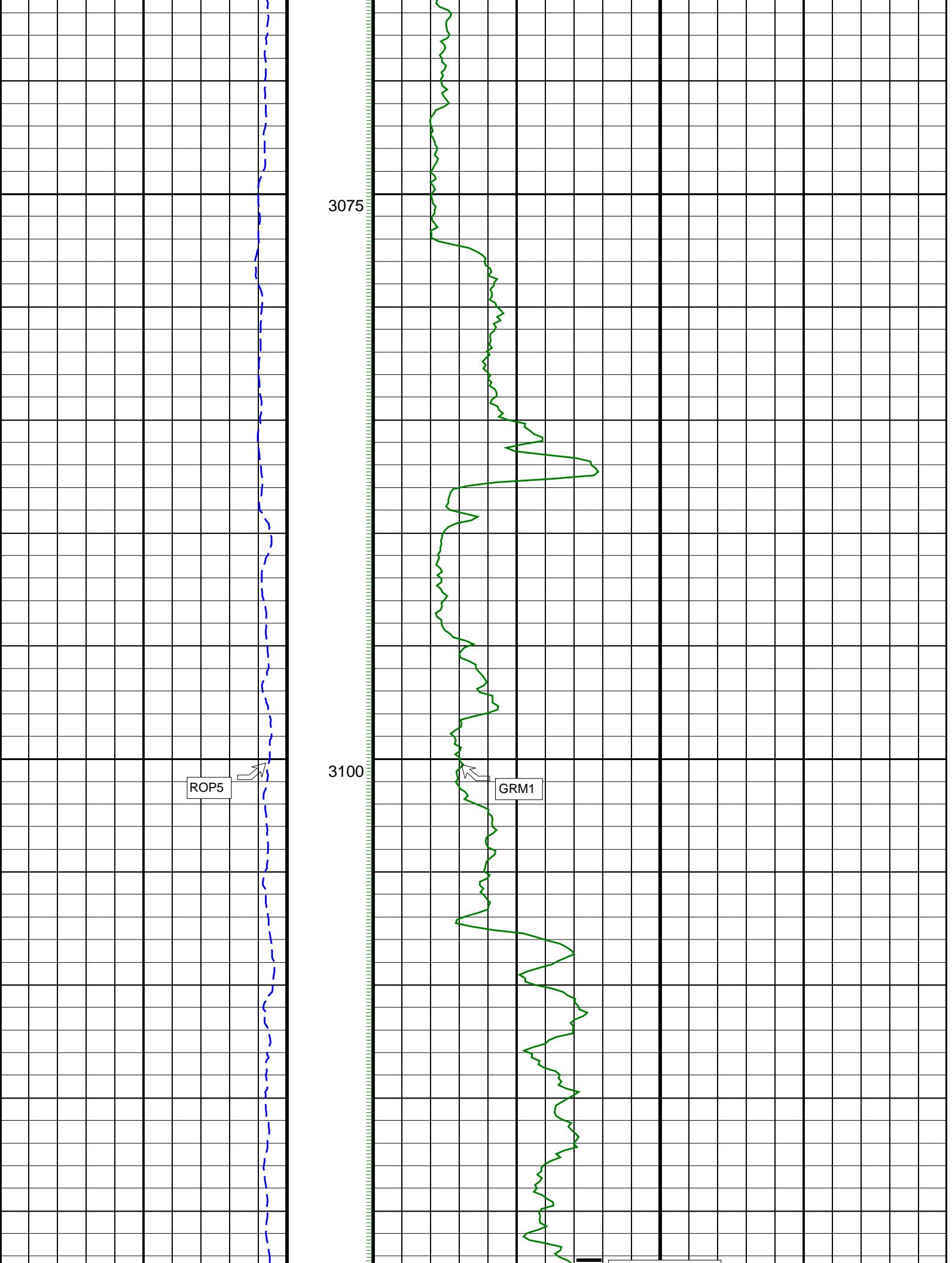


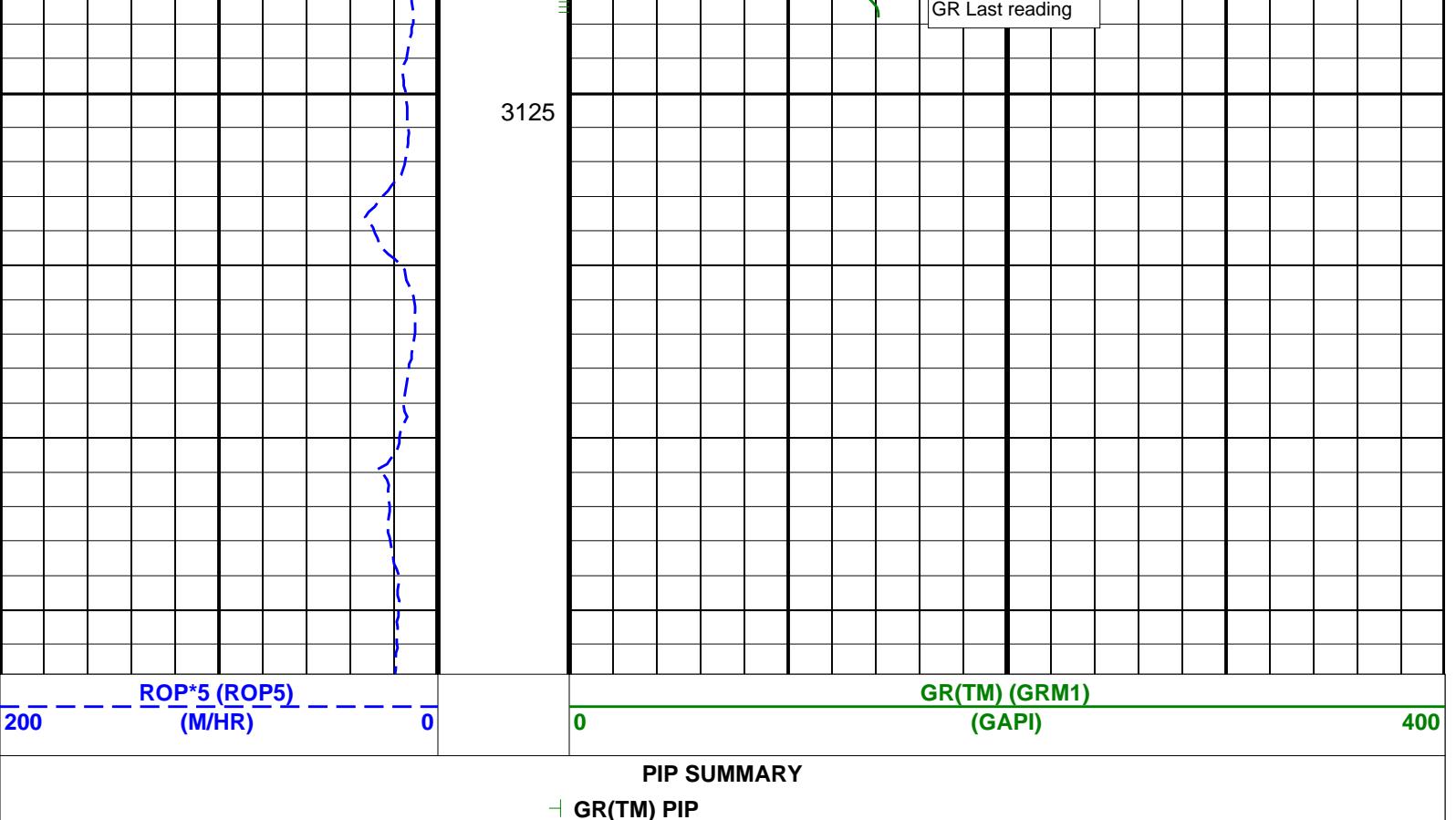












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Schlumberger

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Field: **Tuna**

Rig: **ISDL 453**

State: **Victoria**

Gamma Ray Service
1:200 Measured Depth
Real Time Log

