

Schlumberger

Company: ESSO Australia Pty. Ltd.

Well: BMA A5A

Field: Bream A

Rig: ISDL 453

State: Victoria

Gamma Ray Service

1.200 Measured Depth

Real Time Log

Total depth:	2810.0 m		Elevation	K.B.	Top Drive
Spud date:	11-June-2005		G.L.	-59.40 m	
Runs:	1	To	D.F.	32.82 m	
Location	Permanent datum:	Mean Sea Level	Elev.:	0 m	
Date logged:	Log measured from:	Drill Floor	32.82 m above Perm. datum		
Depth reference:	Depth	Driller's Depth			

API serial no.	Y = 5738461.68 m	Longitude	Latitude
X = 567345.00 m		E147°46'20.334"	S38°29'58.778"

Bore hole record

Hole size	from	to	Size	Density	from	to
8 1/2 in.	896.0 m	2810.0 m	13 3/8 in.	81.1 lb/m	Surface	896.0 m

Casing record

Mud record	from	to	Min	Max	from	to
KCl/PHPA/Glycol	896.0 m	2810.0 m	18.77 deg.	56.20 deg.	896.0 m	1340.0 m

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 896.0 m to 2810.0m 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 BMA A5A Data Gaps due to Power Shutdown between 1428.0m to 1431.5m MD Reamed Down for Data between 1116.0m	REMARKS: RUN NUMBER	REMARKS: RUN NUMBER

Thank You for Choosing Schlumberger

EQUIPMENT DESCRIPTION

RUN1

RUN

RUN

DOWNHOLE E

6-3/4 in. Pov
 MDC: Z
 MEC: ;
 MDI: 1
 MGR: 52
 DHS: V8.



23.3

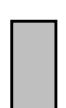
D&I
 GR

_ 19.0
 _ 18.4

APW

_ 15.8

6-3/4 in. N
 S/N: 9708



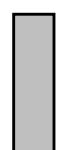
14.9

8-3/8 in. NM Rc
 S/N: GU2



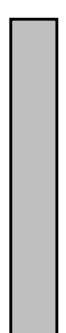
13.5

6-1/4 in. Fl
 S/N: 961



11.5

7 in. PowerP
 A700G1
 S/N: N7
 1.5 deg. Bent
 8-3/8 in. Moto



9.1



Smith PC 0.0 0.2

OD: 8-1
S73VPX S/N

Maximum string dia.
All lengths in

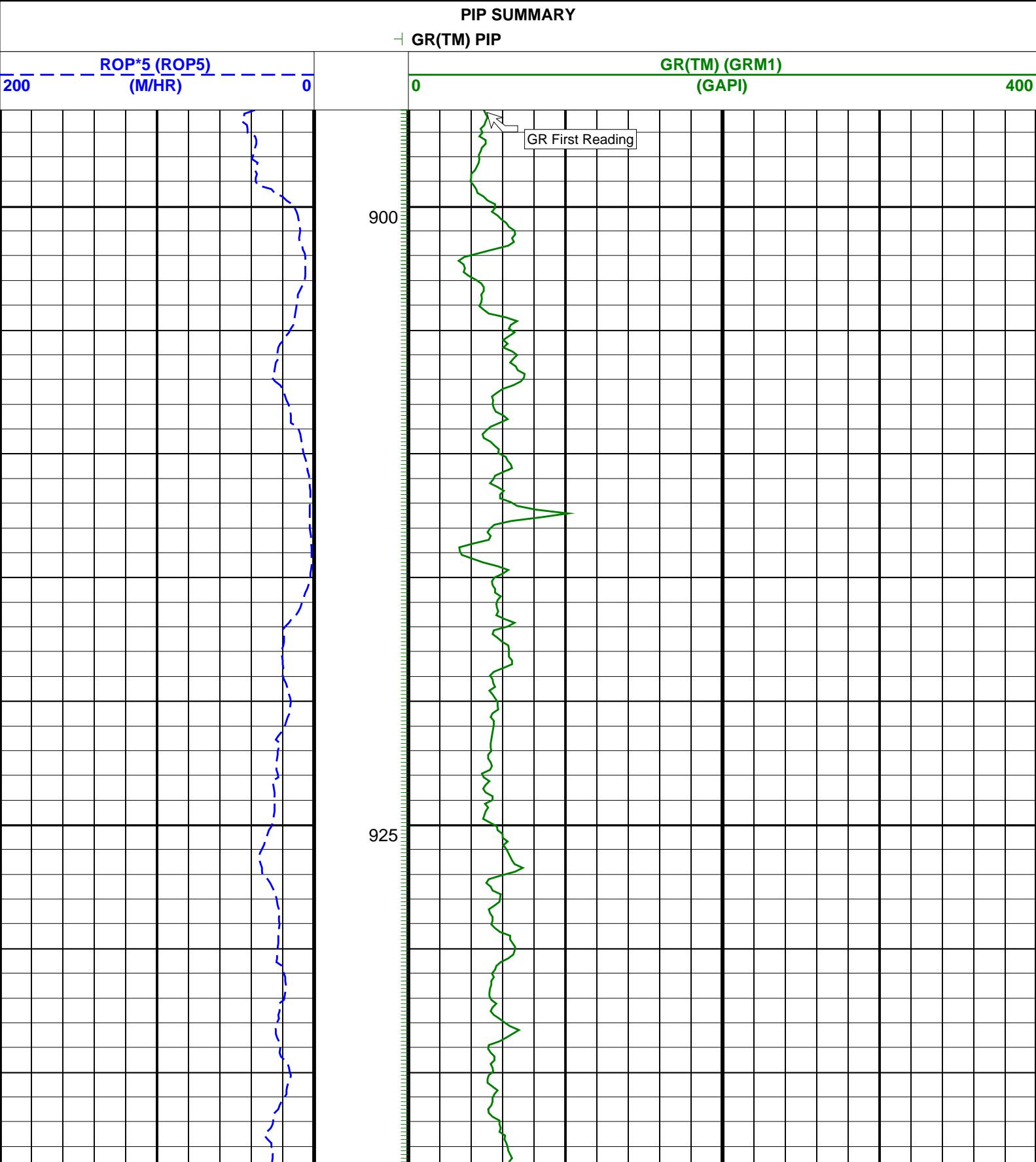
Bit Run Summary

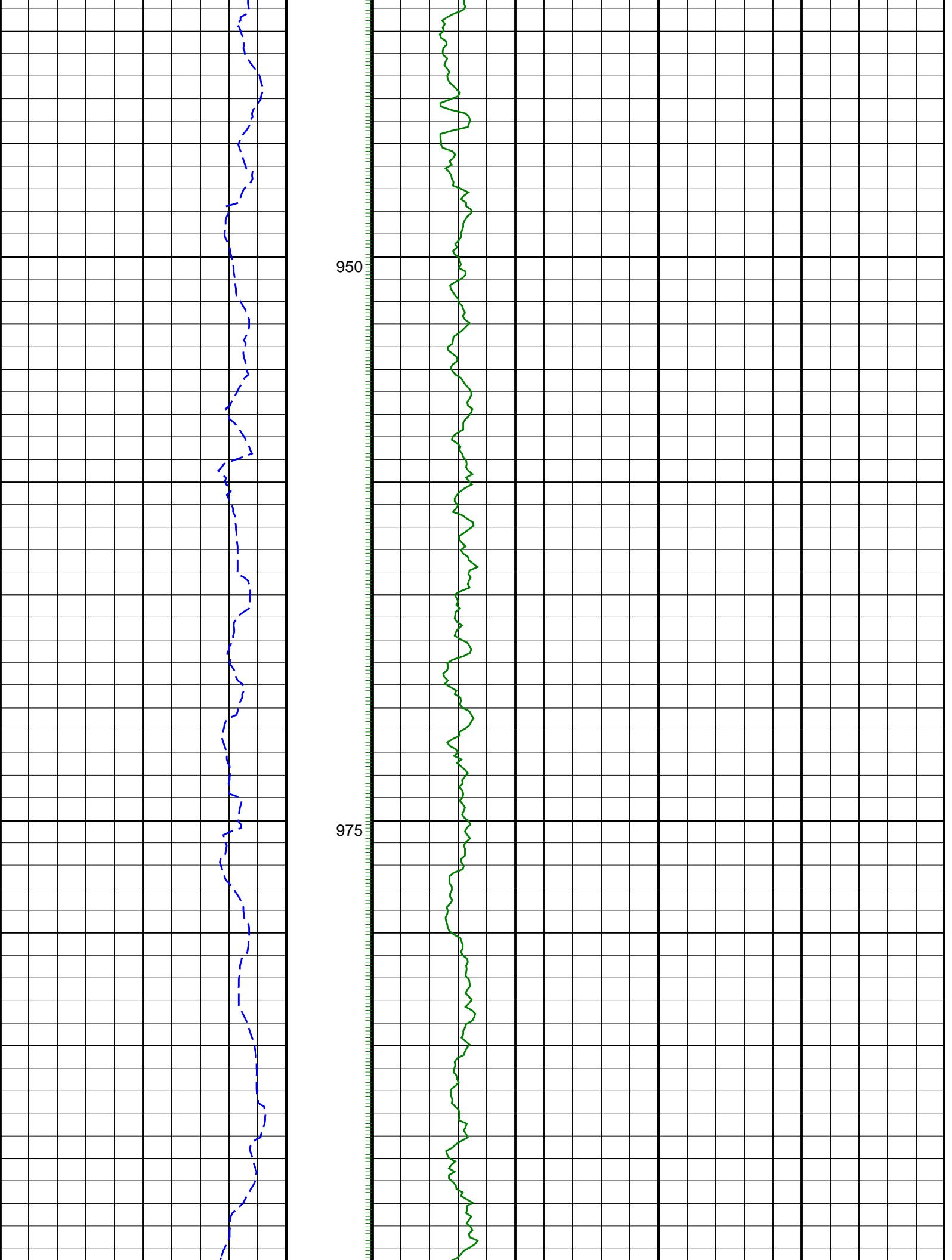
Run number	1							
Bit size	in.	8.5						
Bit start depth	m	896.0						
Bit end depth	m	2810.0						
Top interval logged	m	896.0						
Bottom interval logged	m	2791.6						
Begin log: time		0:02						
Begin log: date		11-Jun-05						
End log: time		16:30						
End log: date		14-Jun-05						
Mud data								
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	T. Auger				
Schlumberger D&M Personnel	R. Borjas	L. Johnston	C. Cocks					

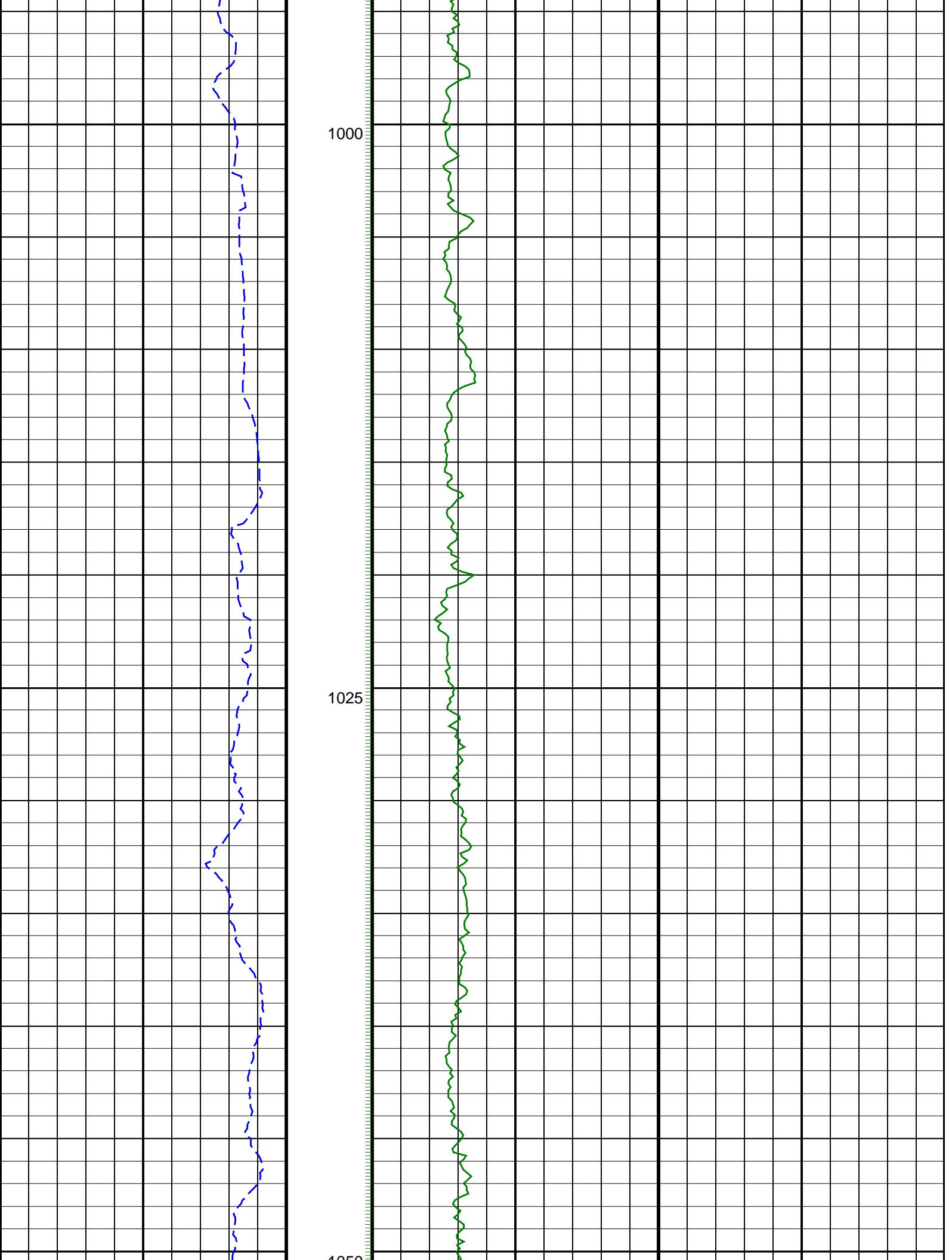
BMA A5A RT 1:200 MD

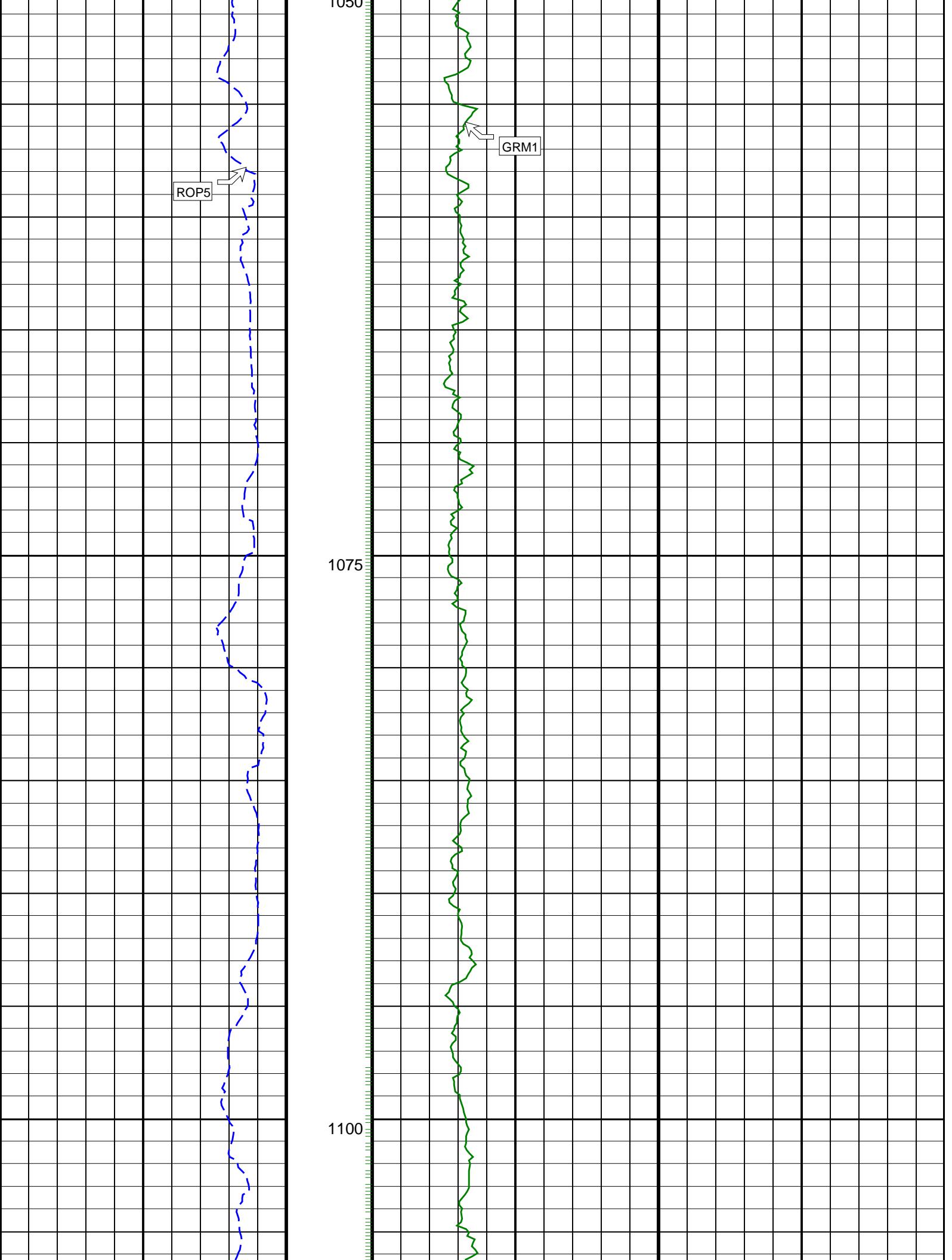
IDEAL Version: ID10_2B_08 <MD> Vertical Scale: 1:200

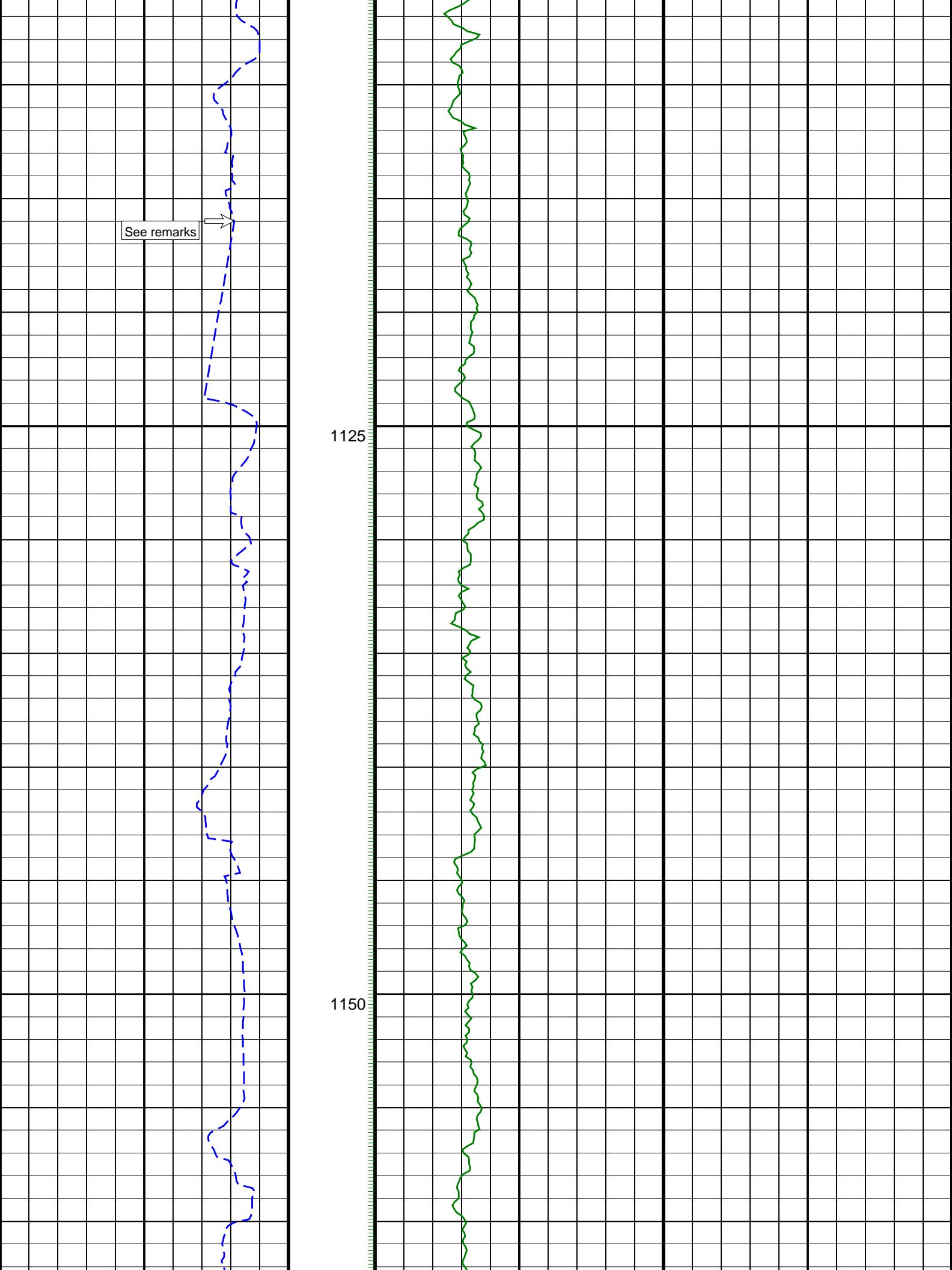
Graphics File Created: 16-Jun-2005 22:51











ROP5

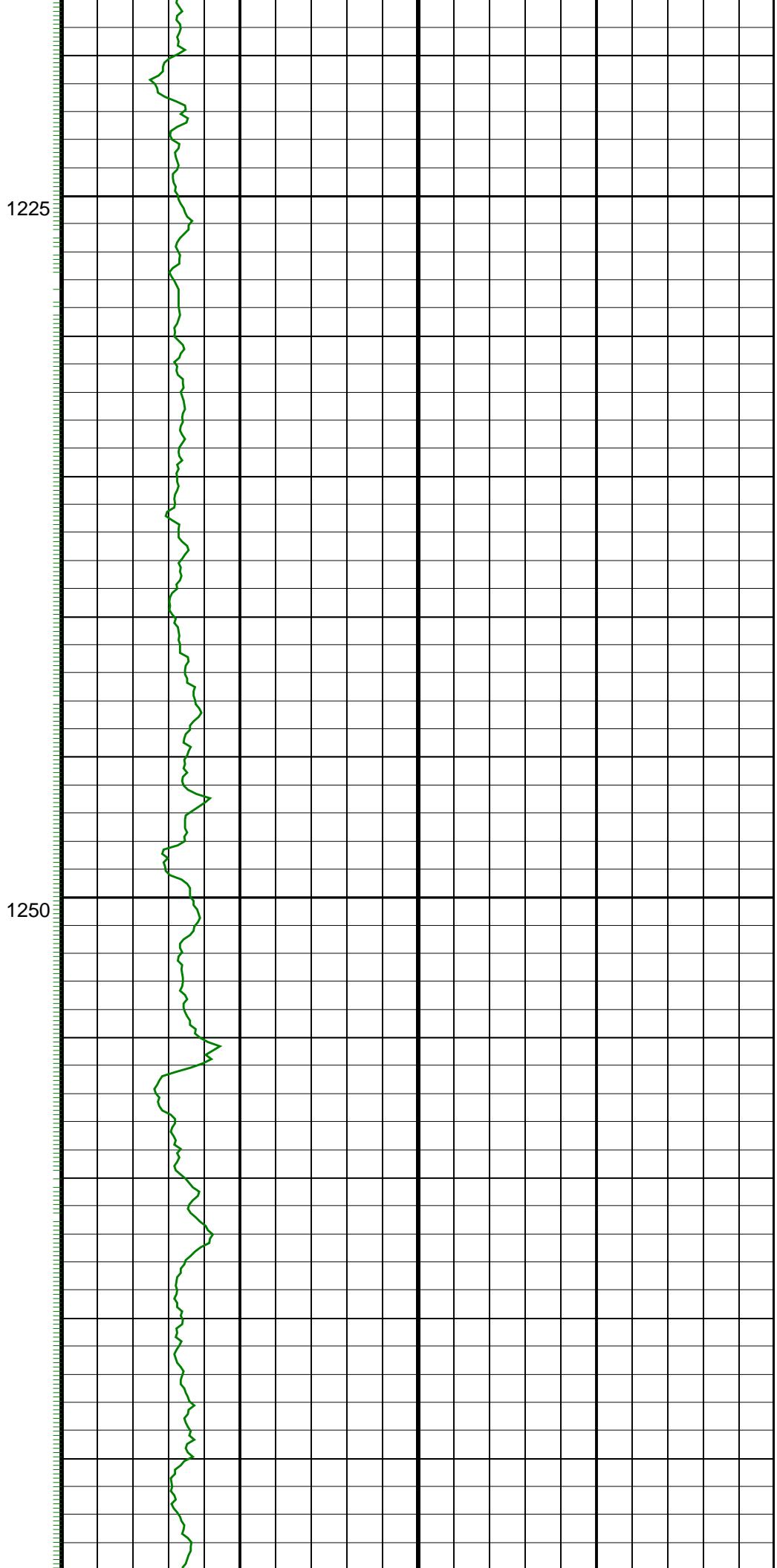
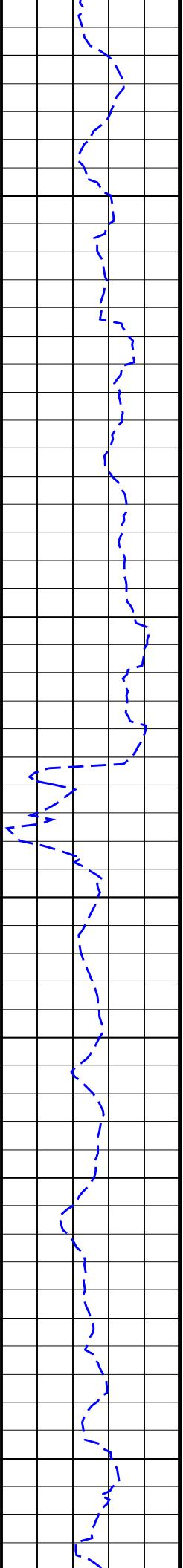
This panel displays a genomic track for the *ROP5* gene. It features a vertical dashed blue line representing the gene's location across a grid of 20 columns. A small white box at the bottom contains the gene name "ROP5".

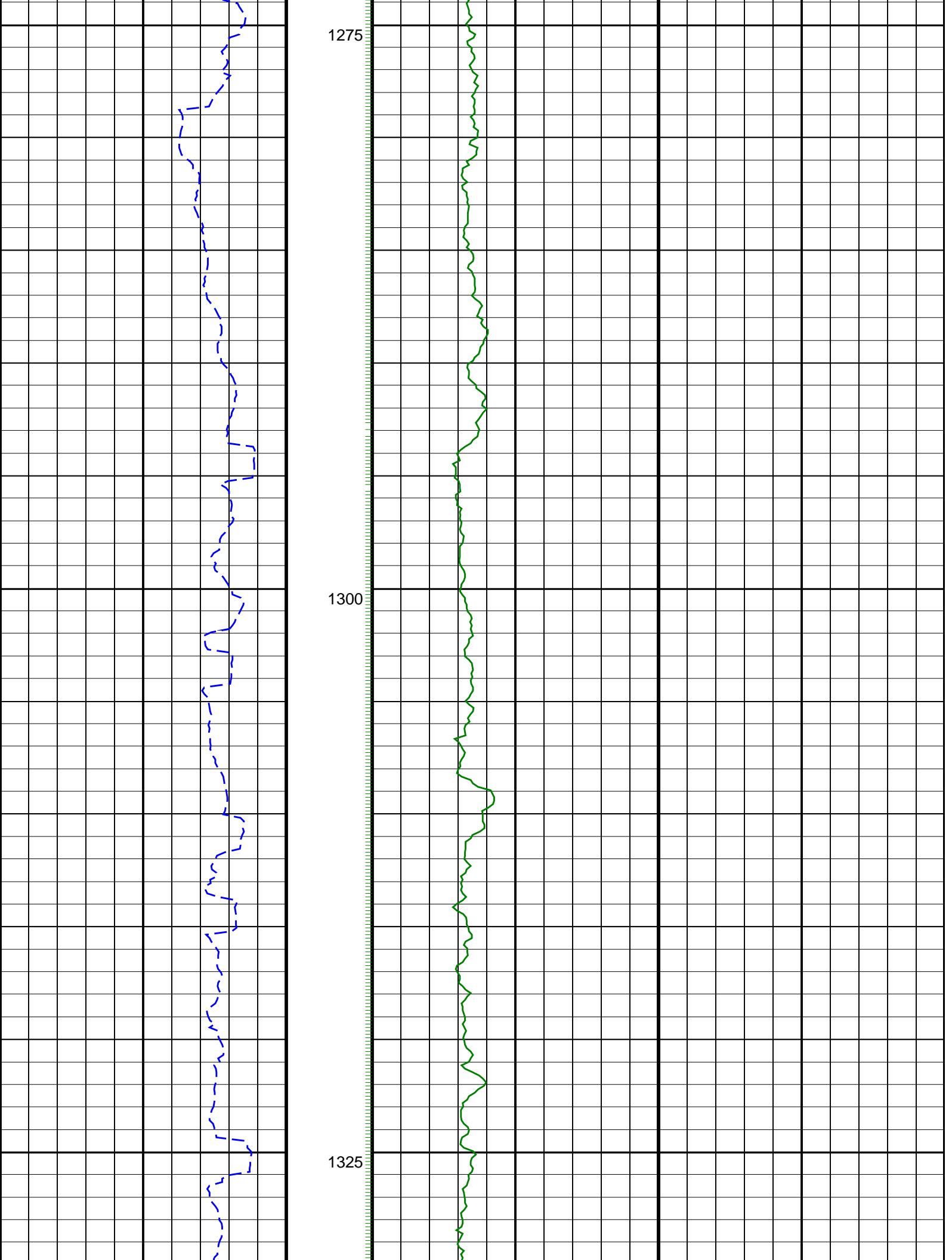
GRM1

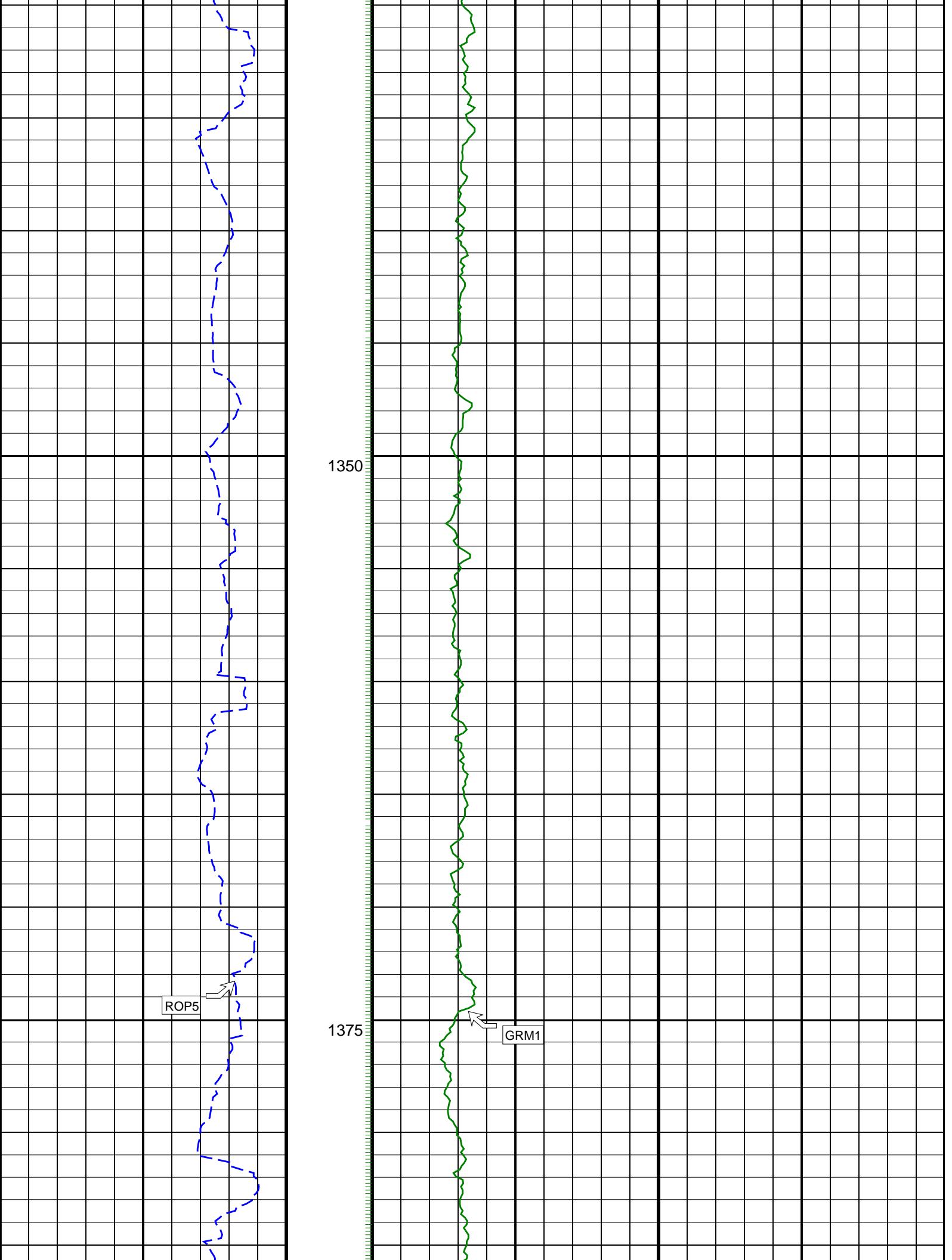
This panel displays a genomic track for the *GRM1* gene. It features a vertical dashed green line representing the gene's location across a grid of 20 columns. A small white box at the bottom contains the gene name "GRM1".

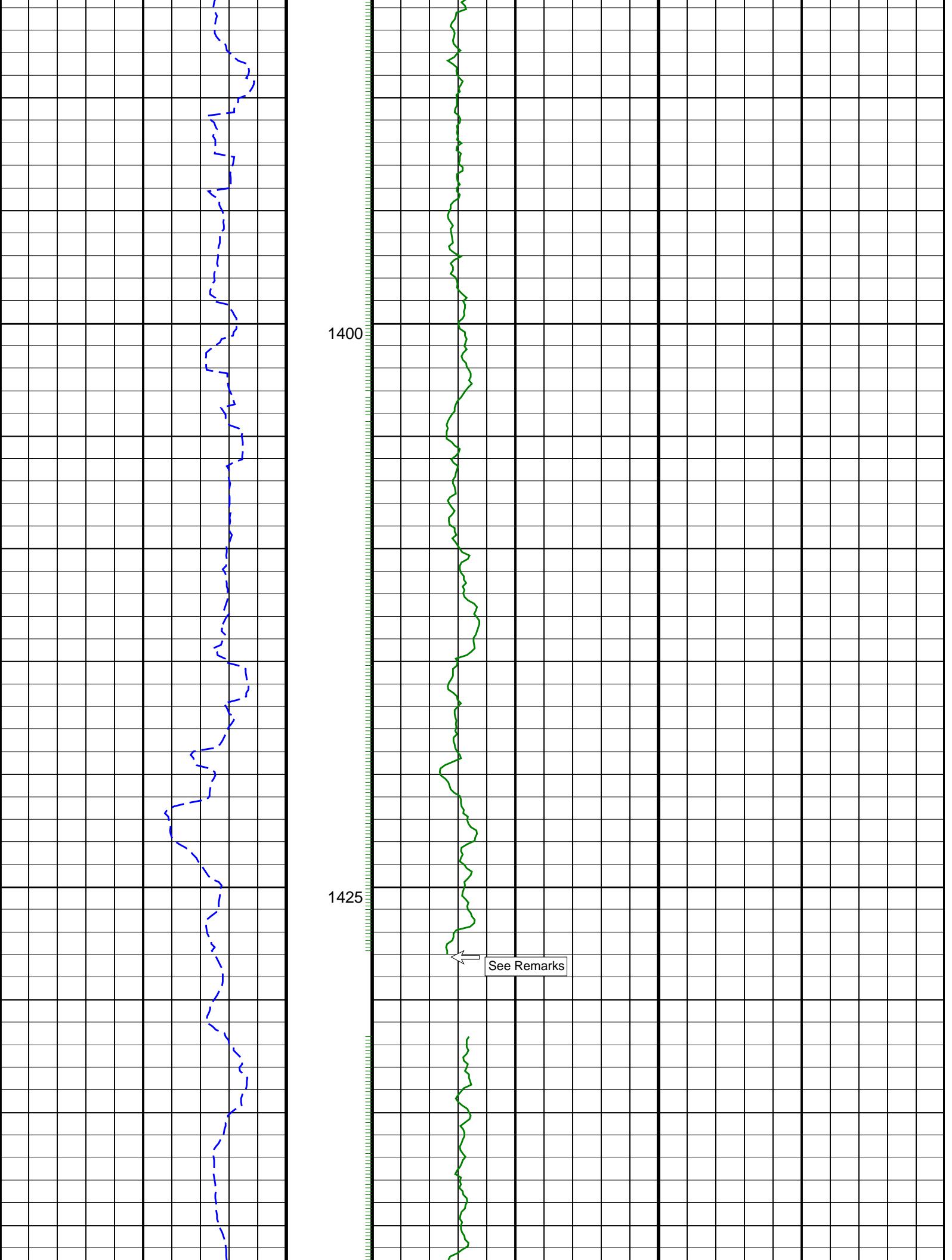
1175

1200





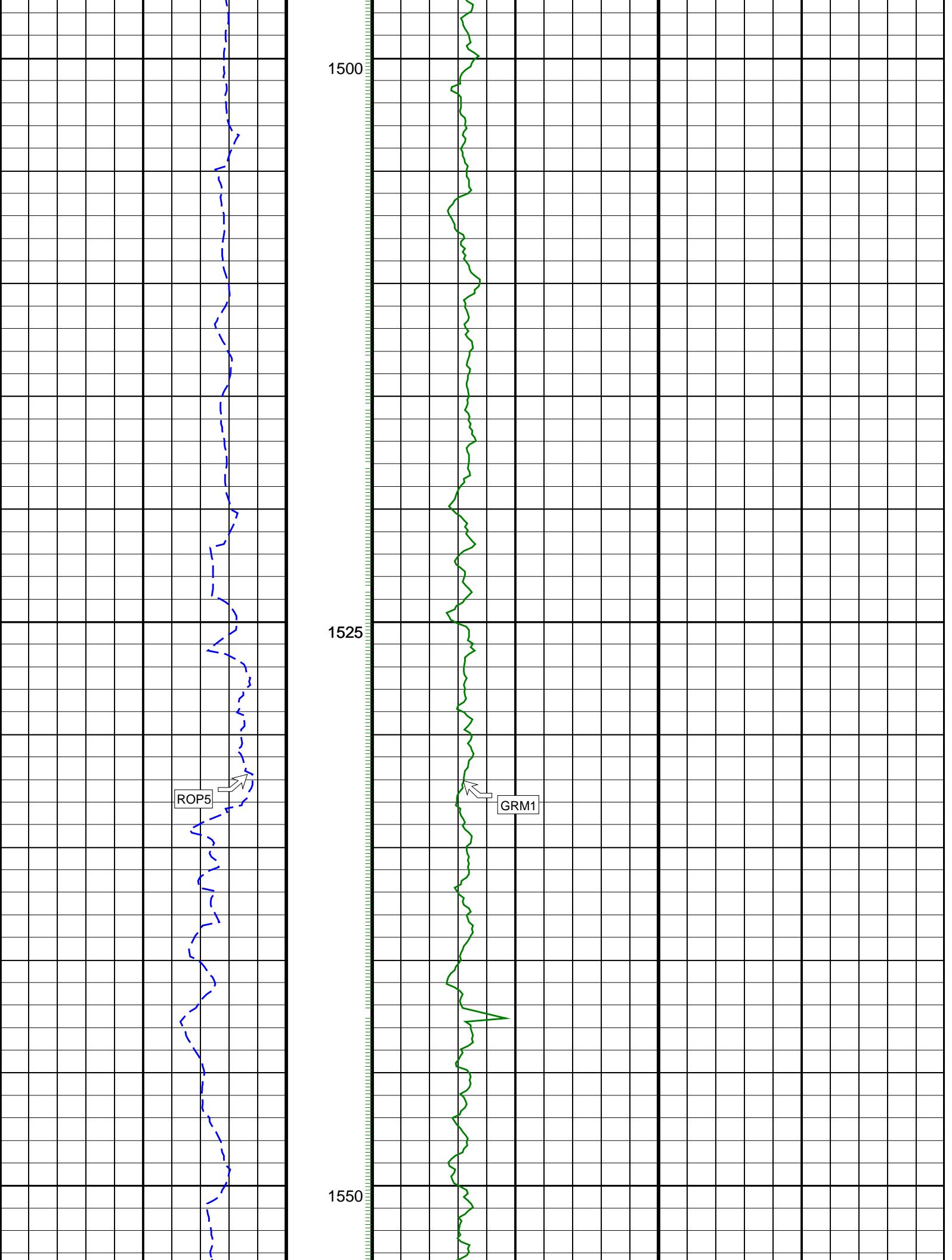


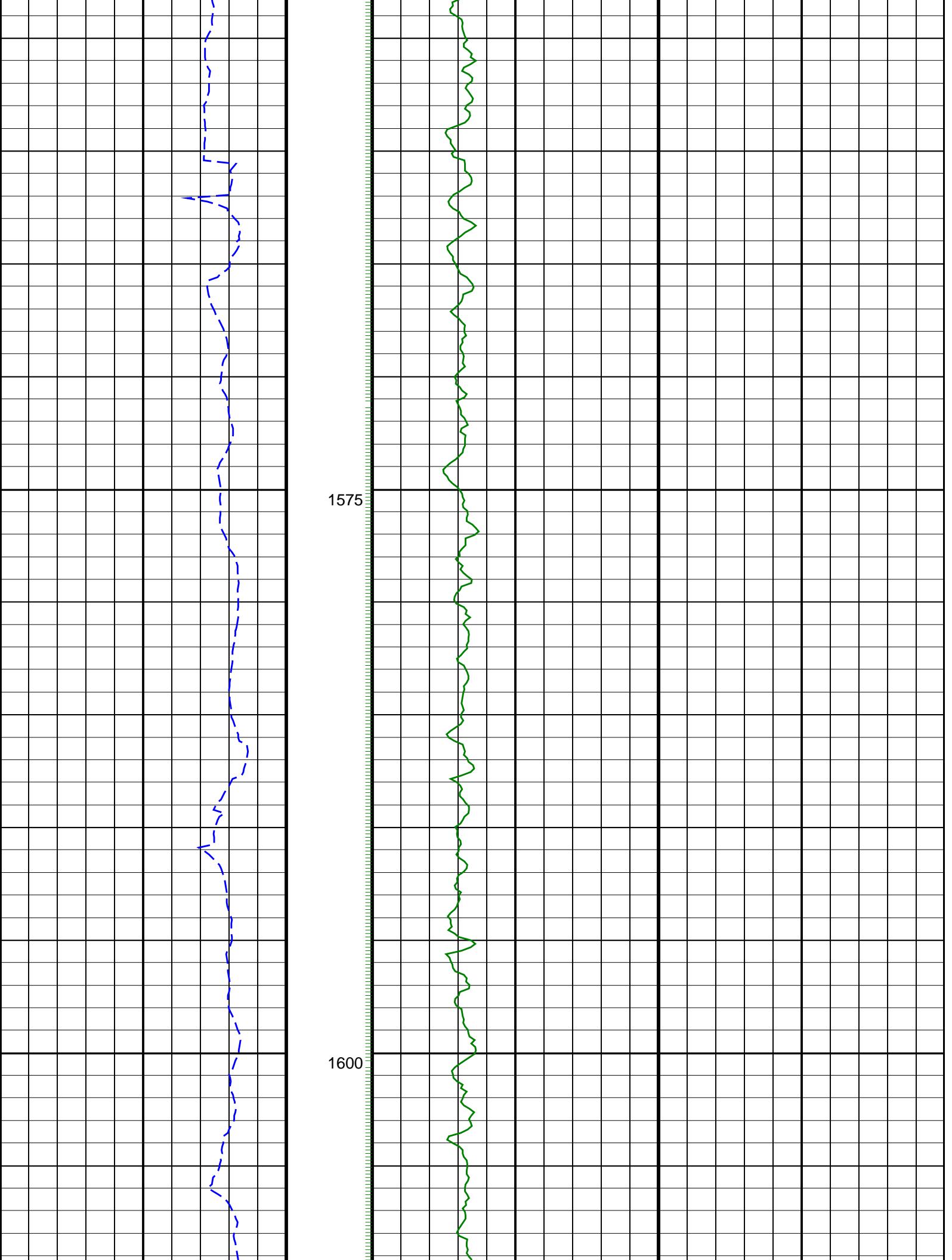


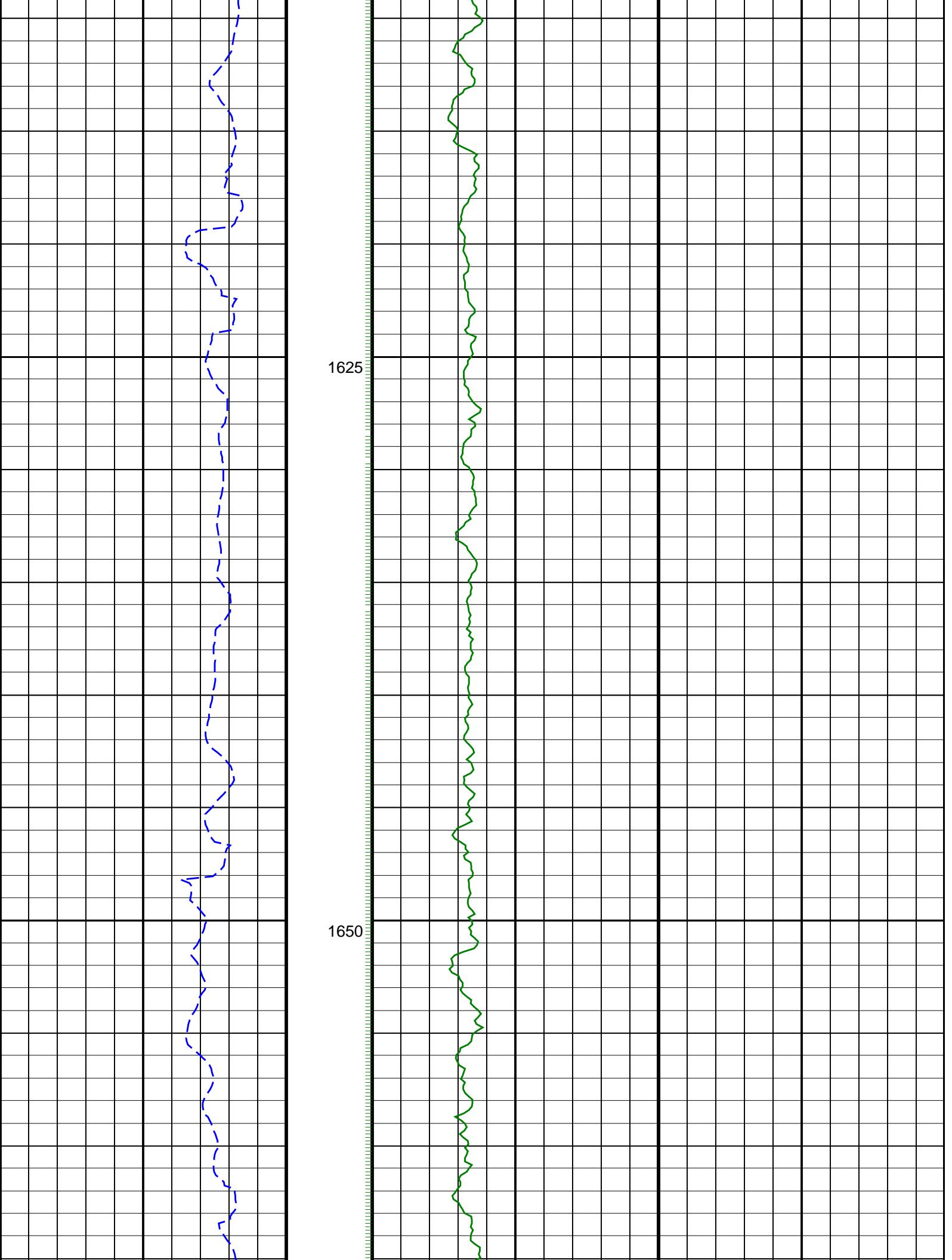
See Remarks

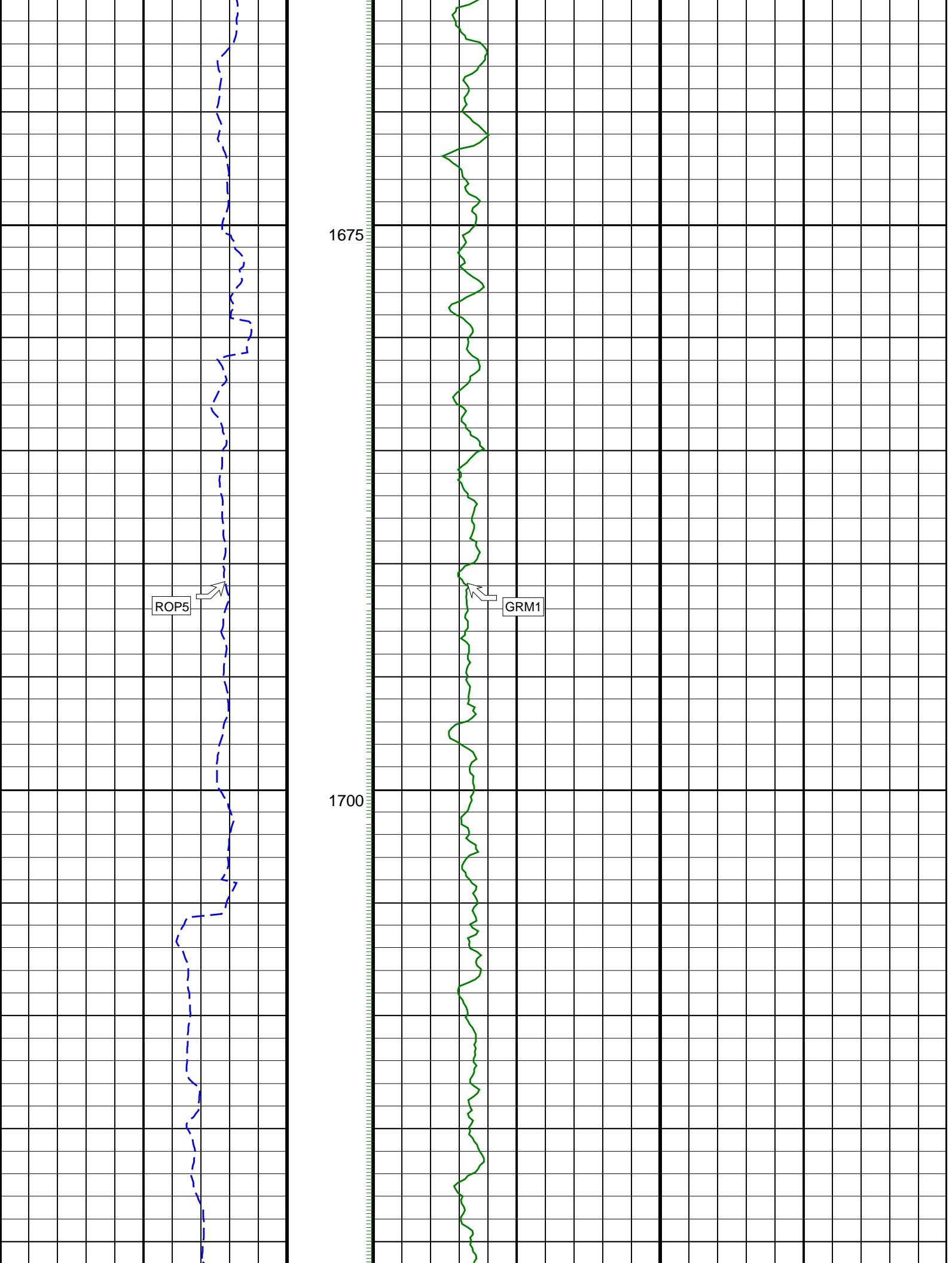
1450

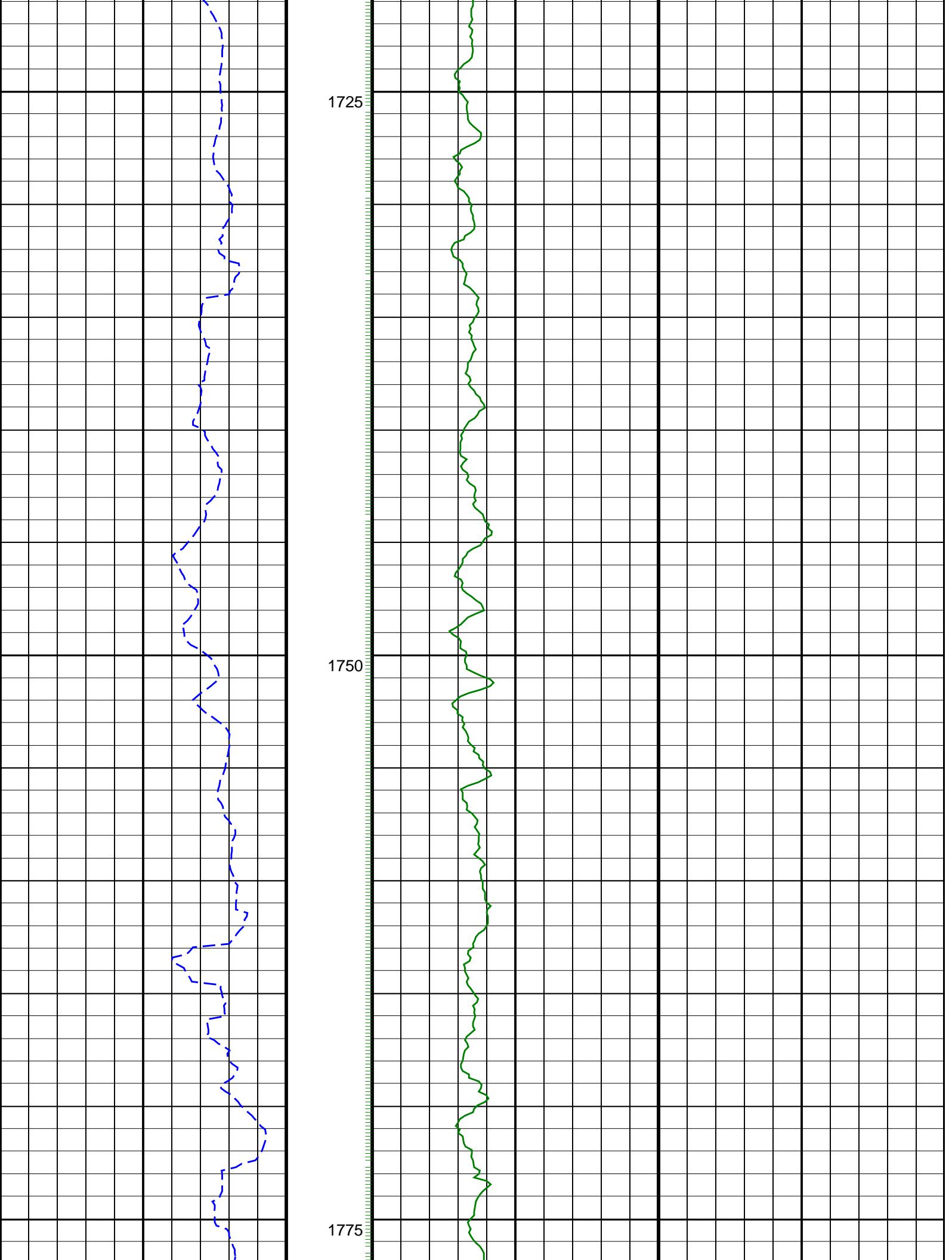
1475

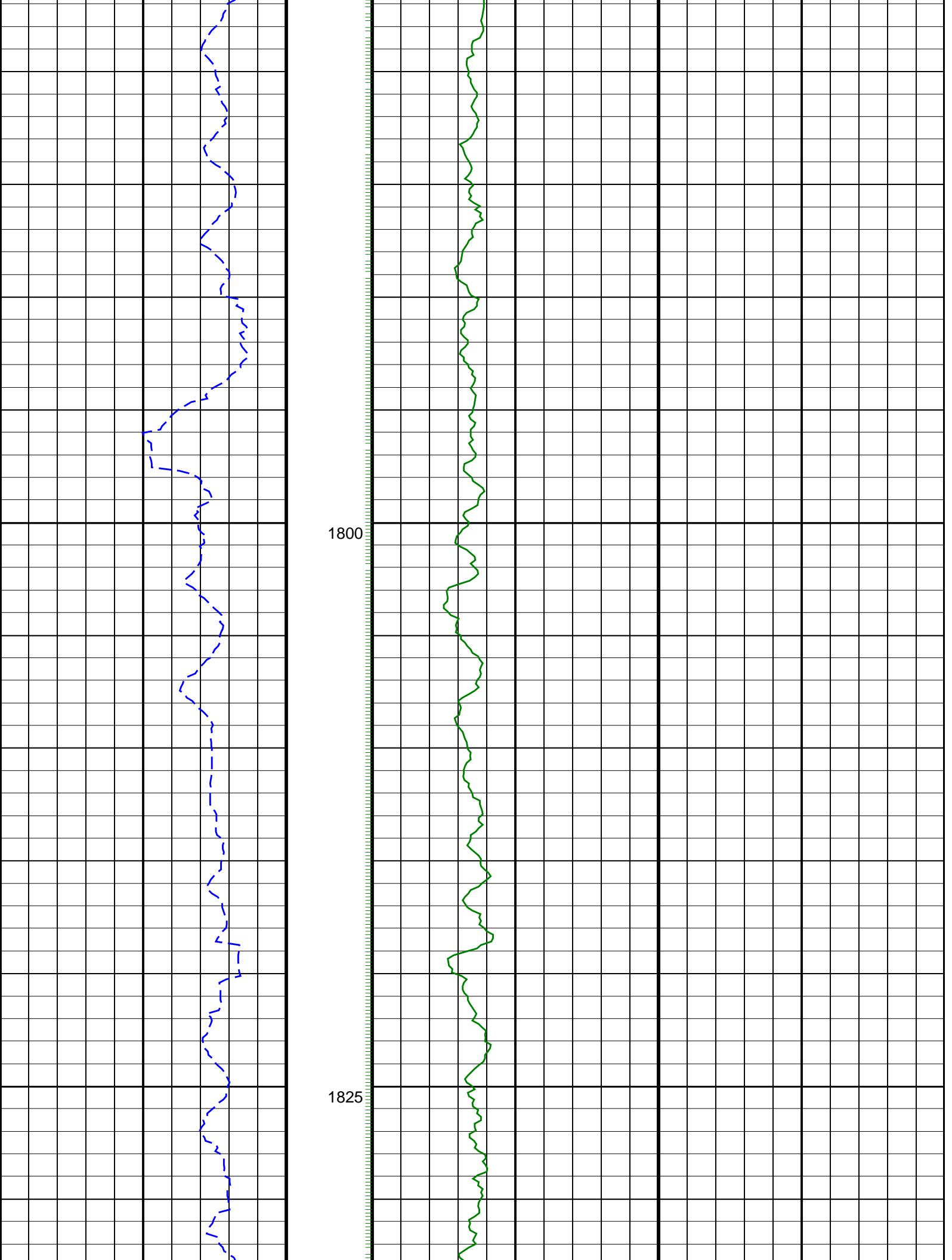


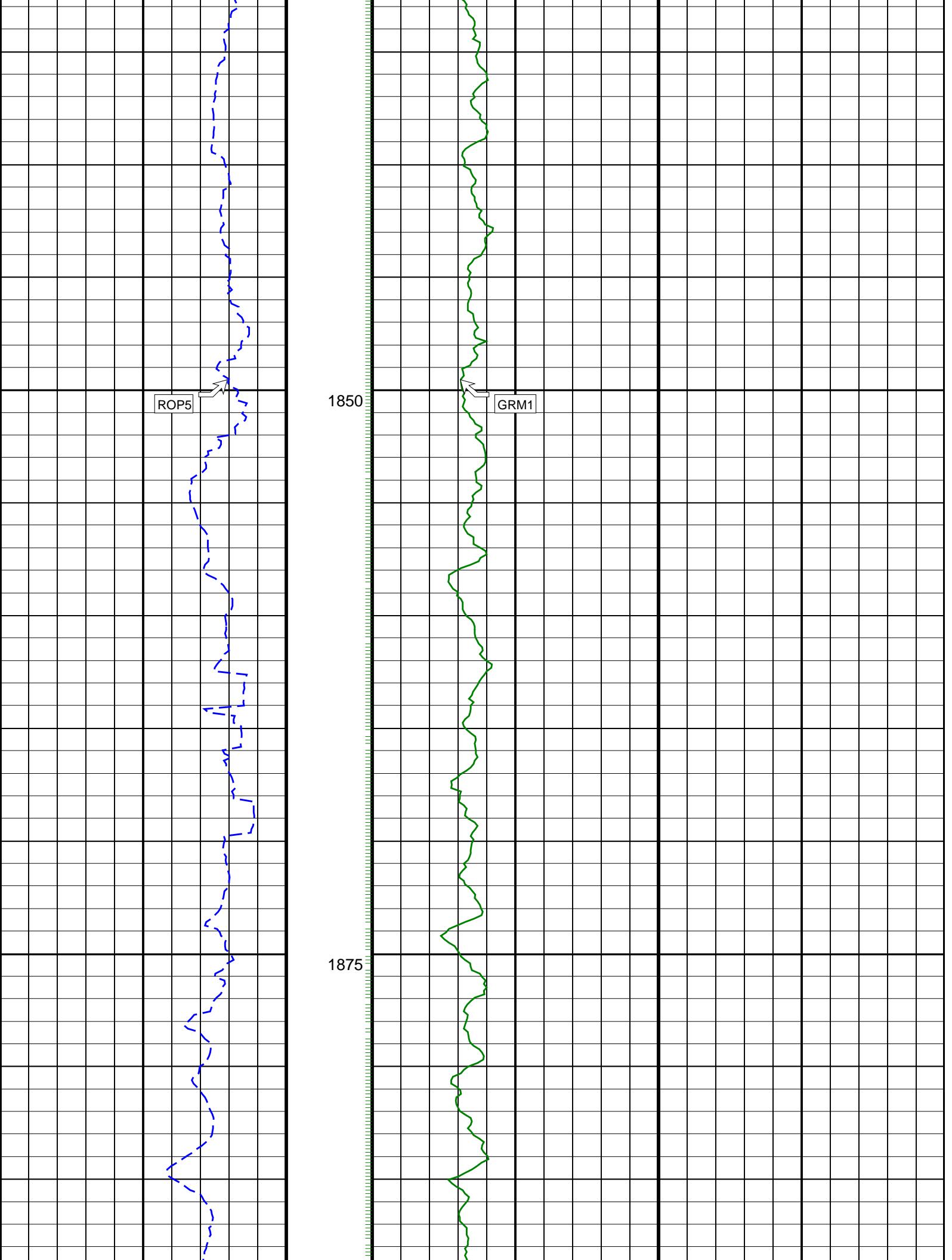


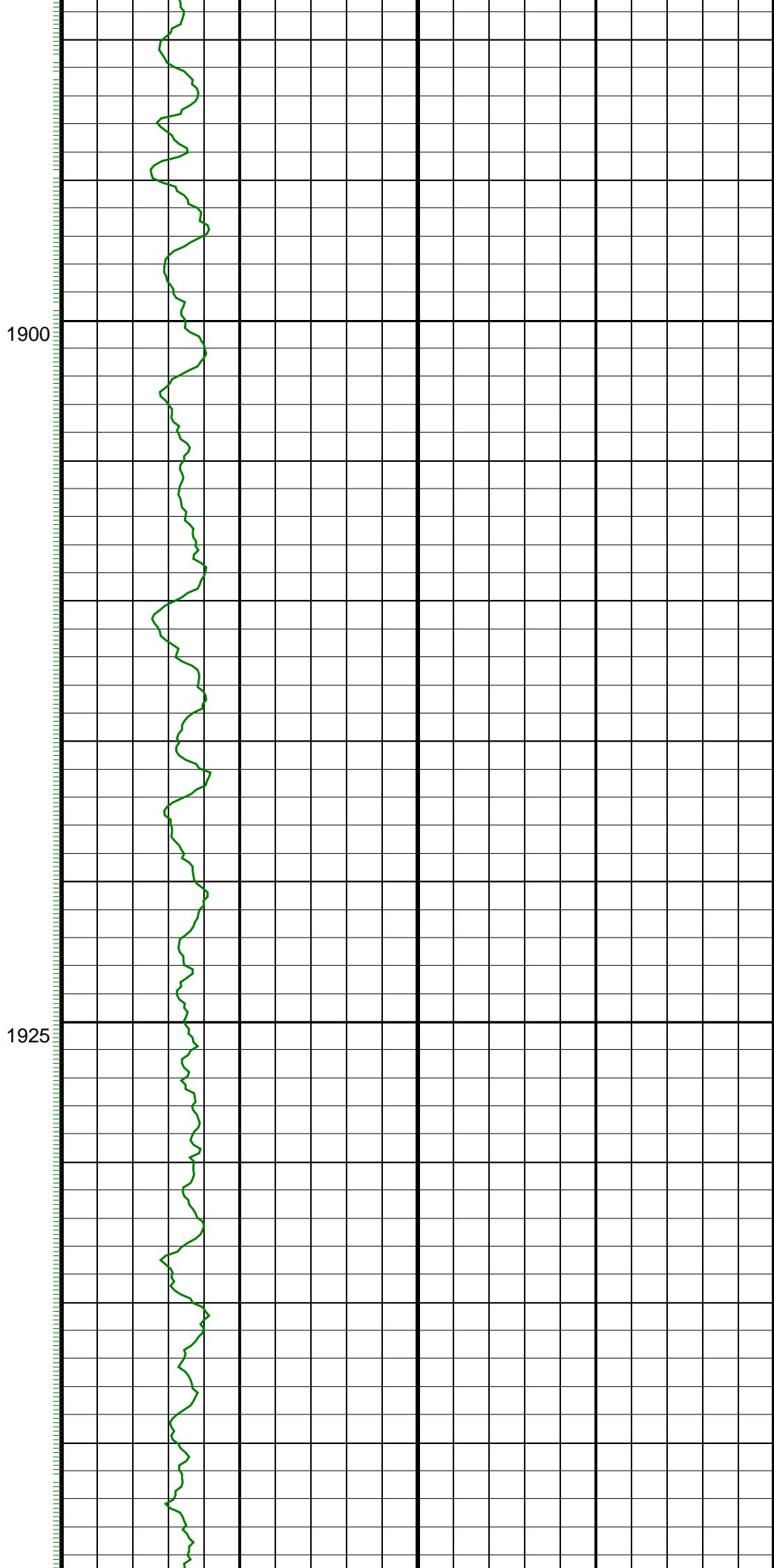
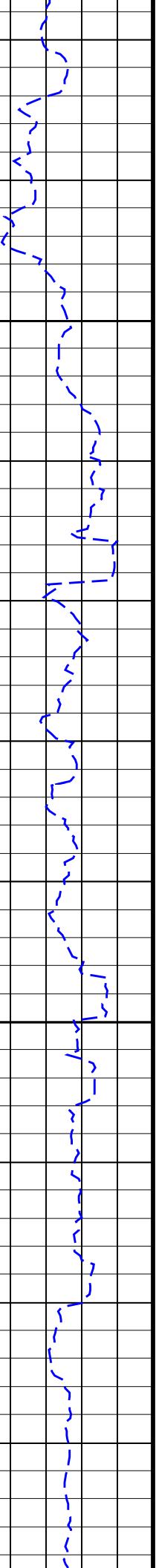


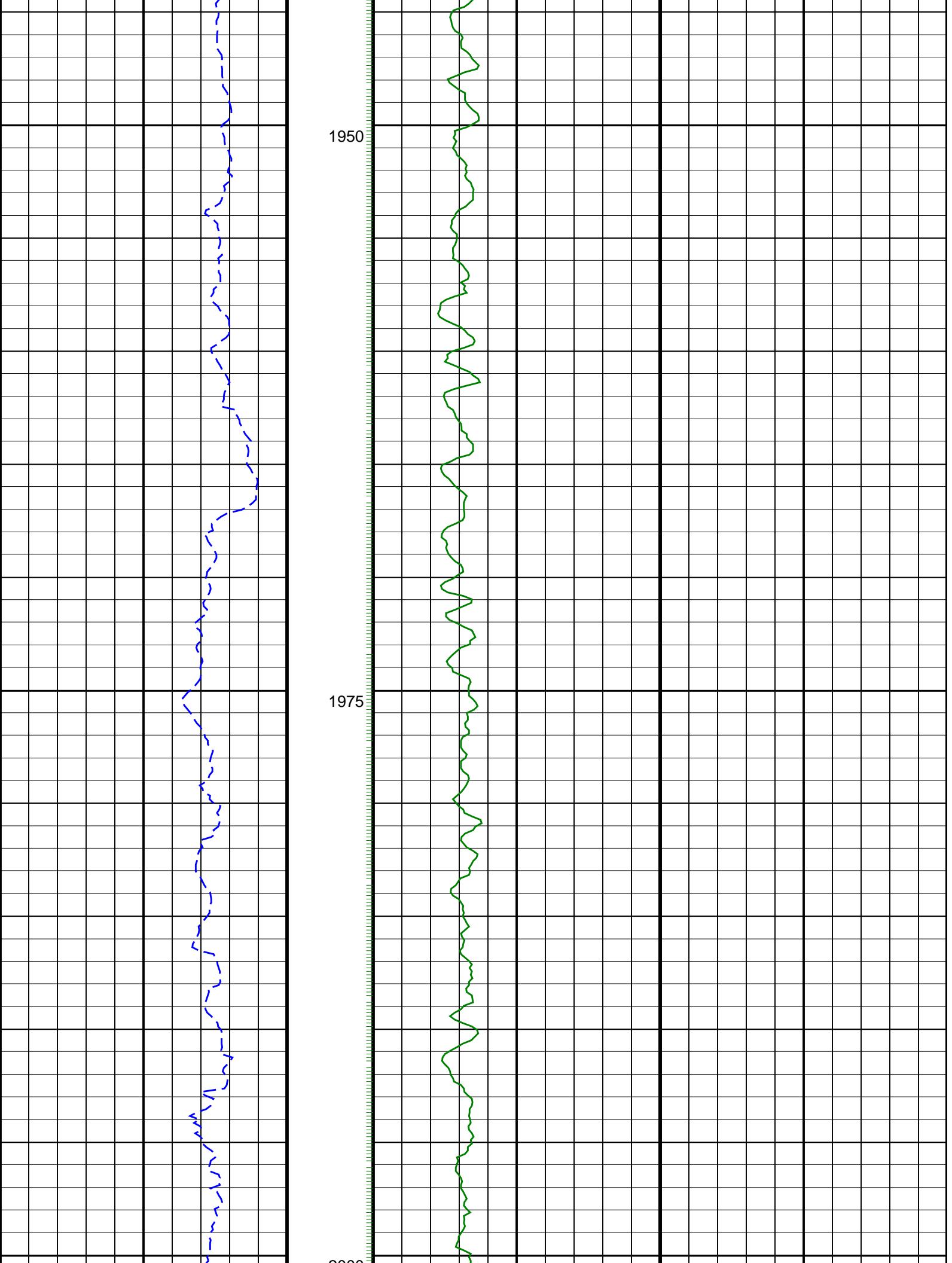


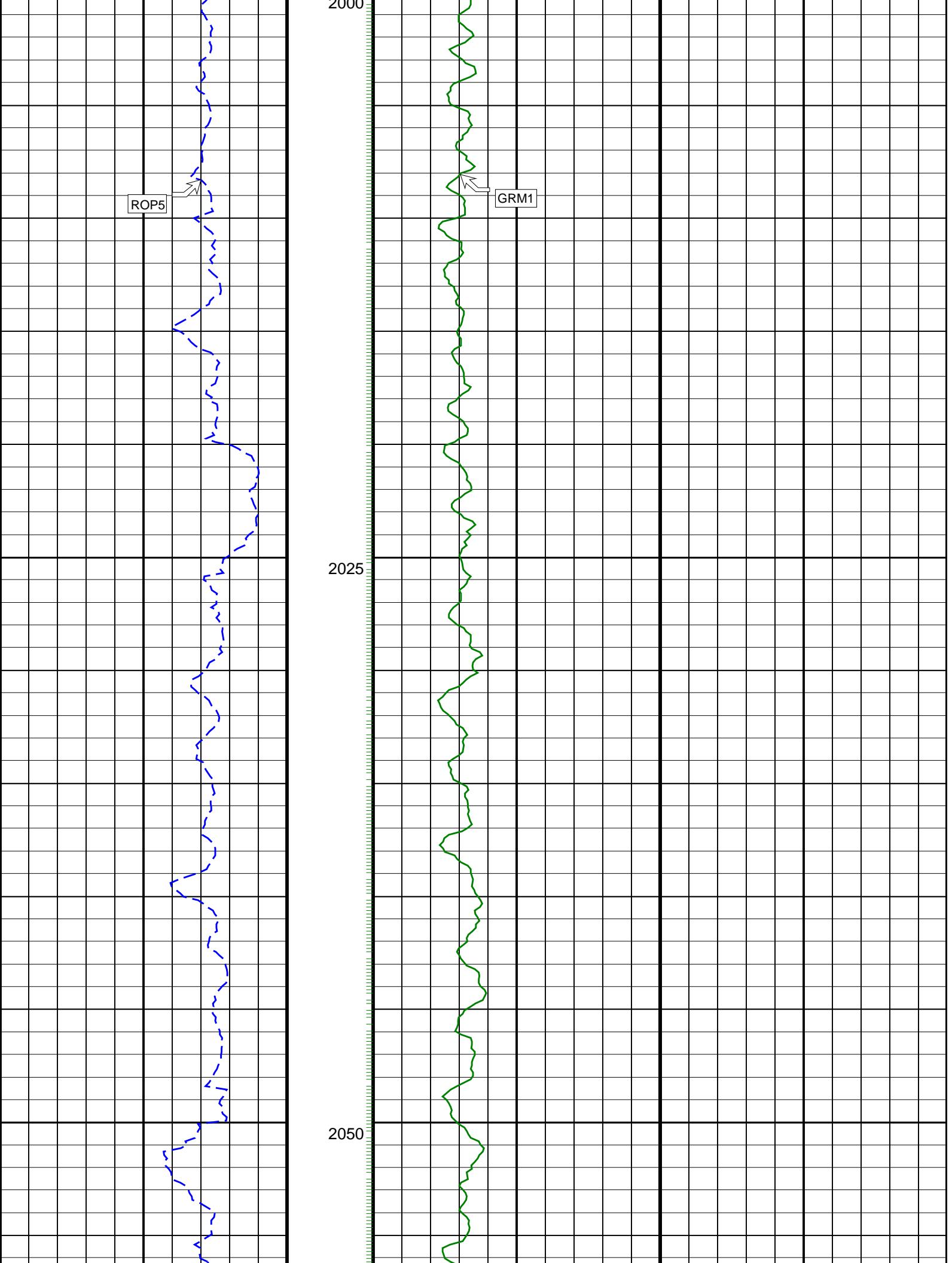


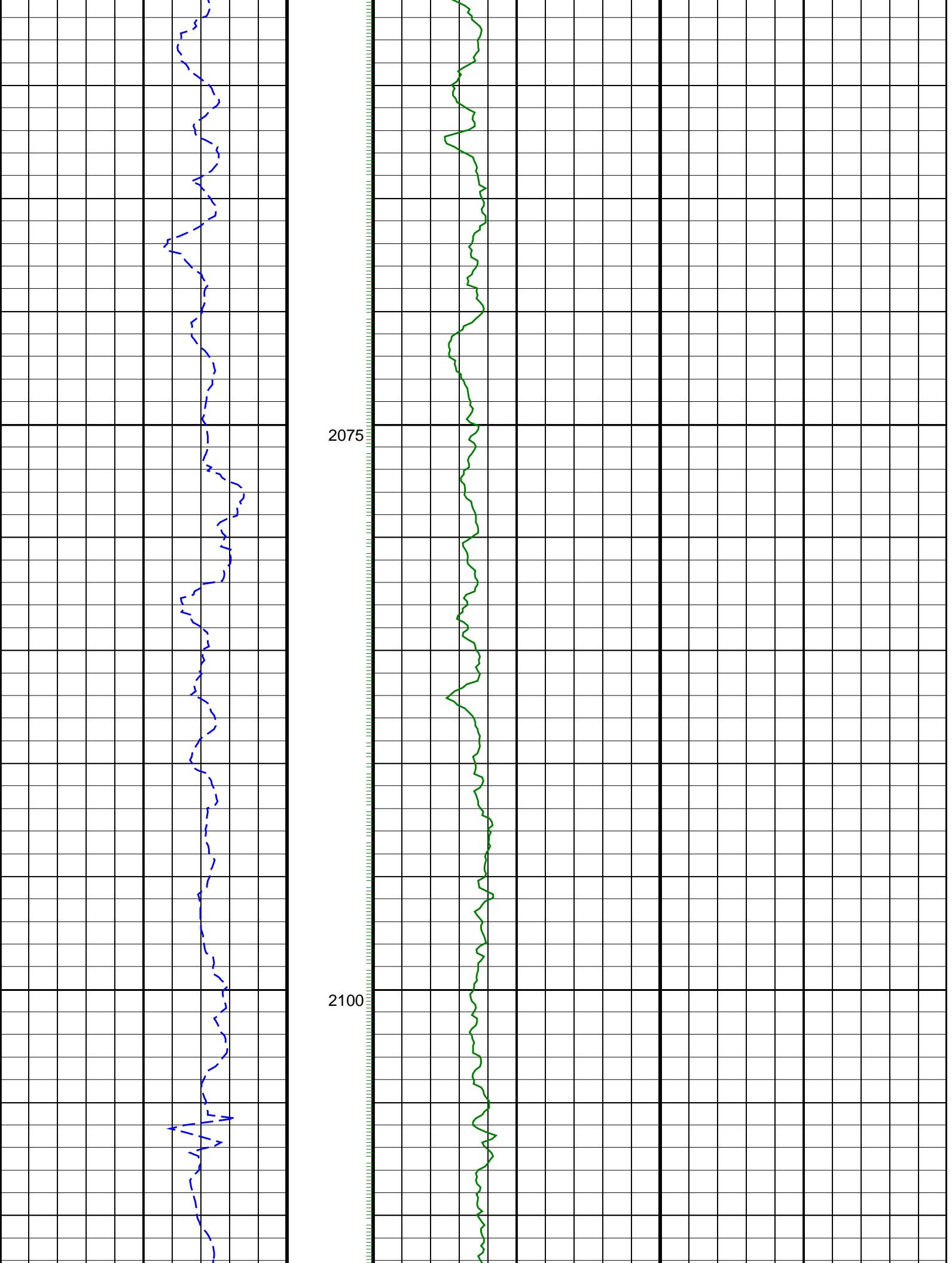


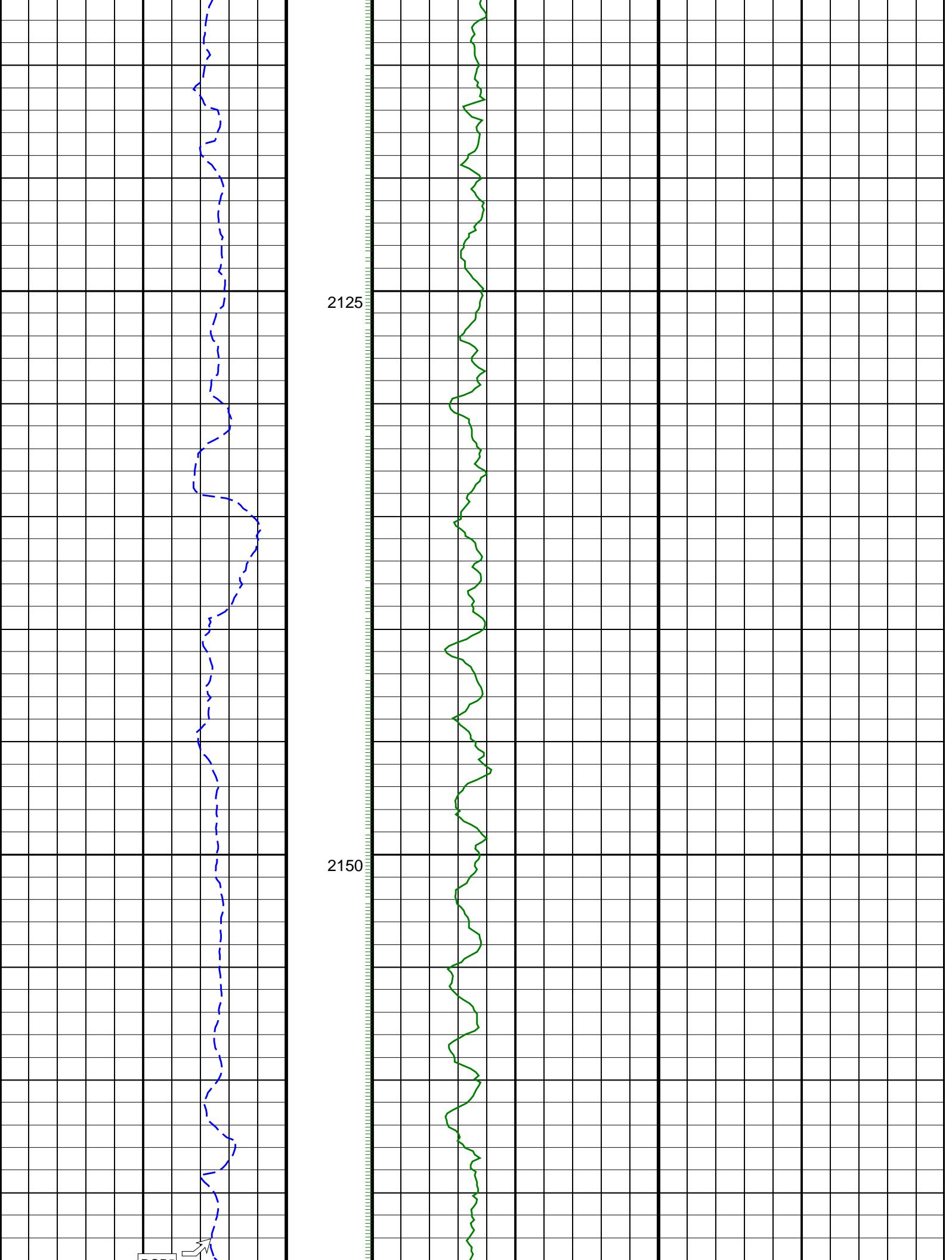


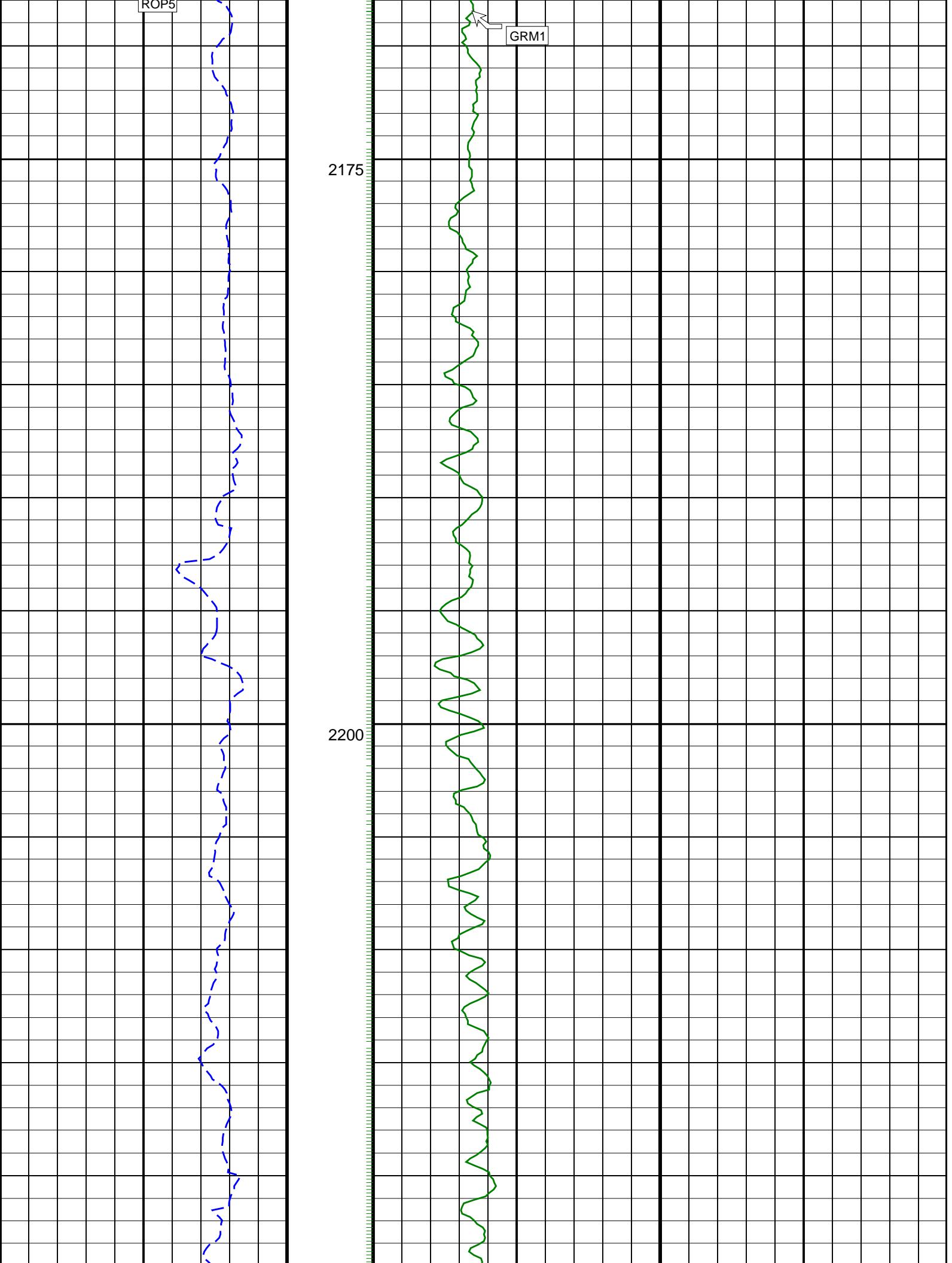


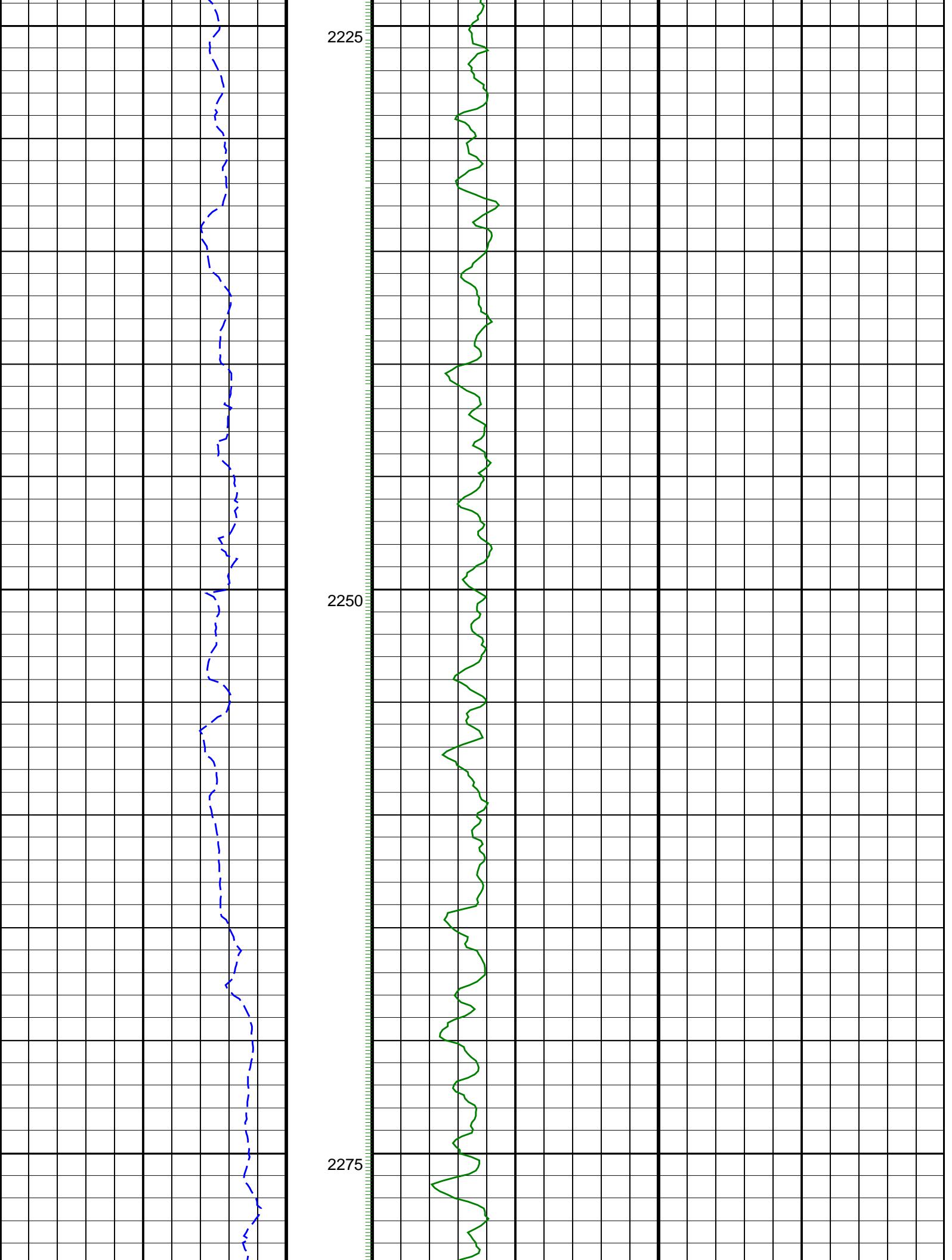


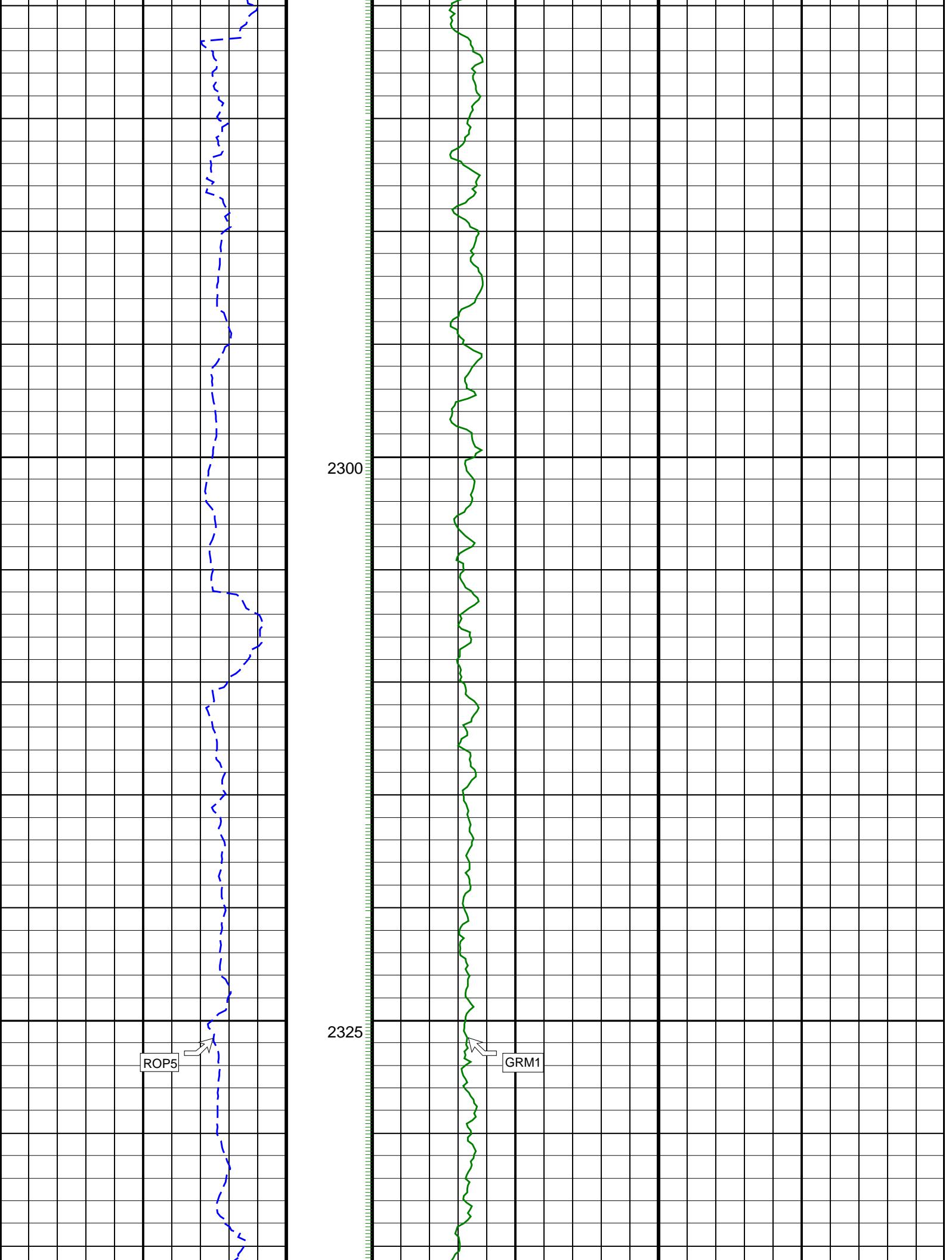


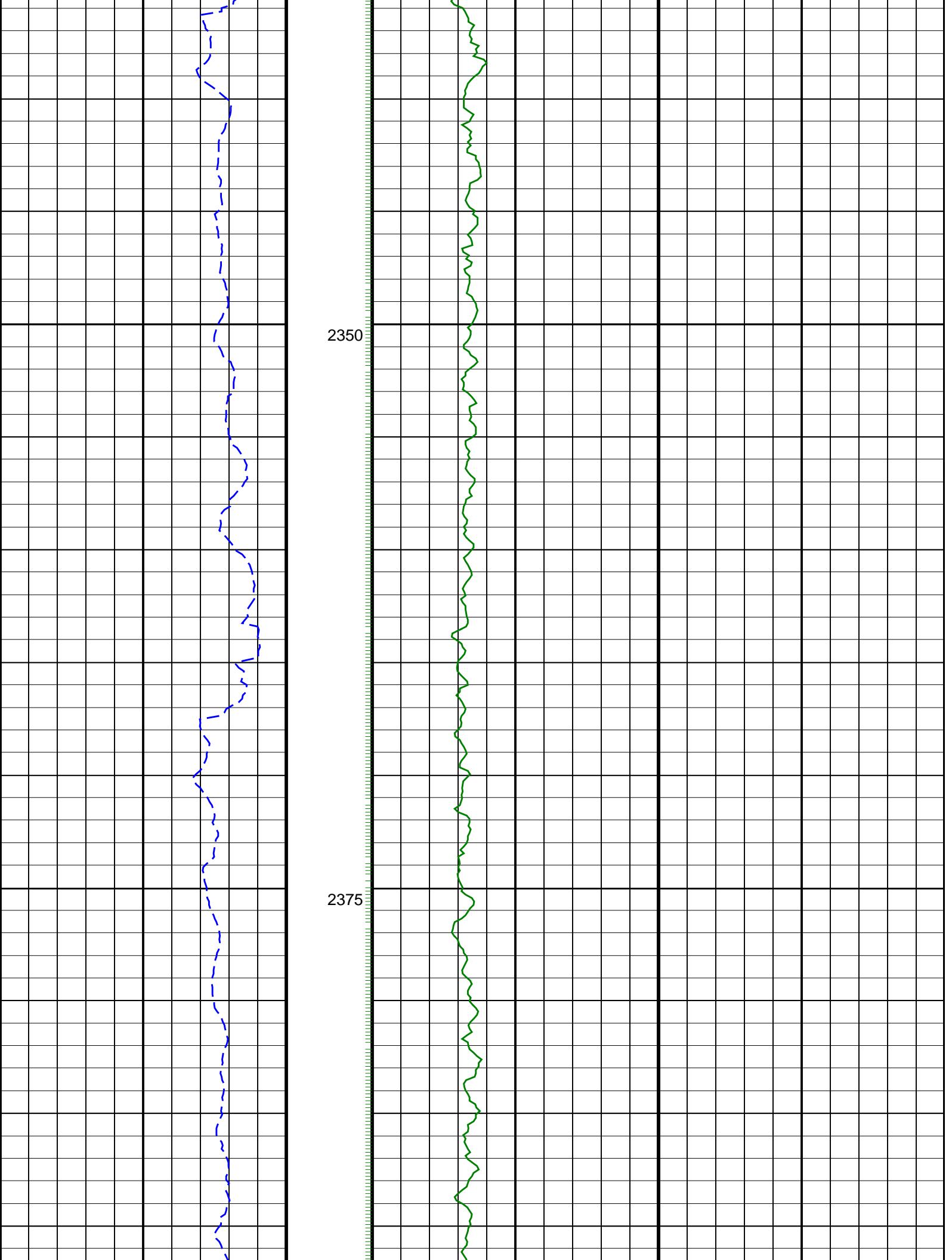


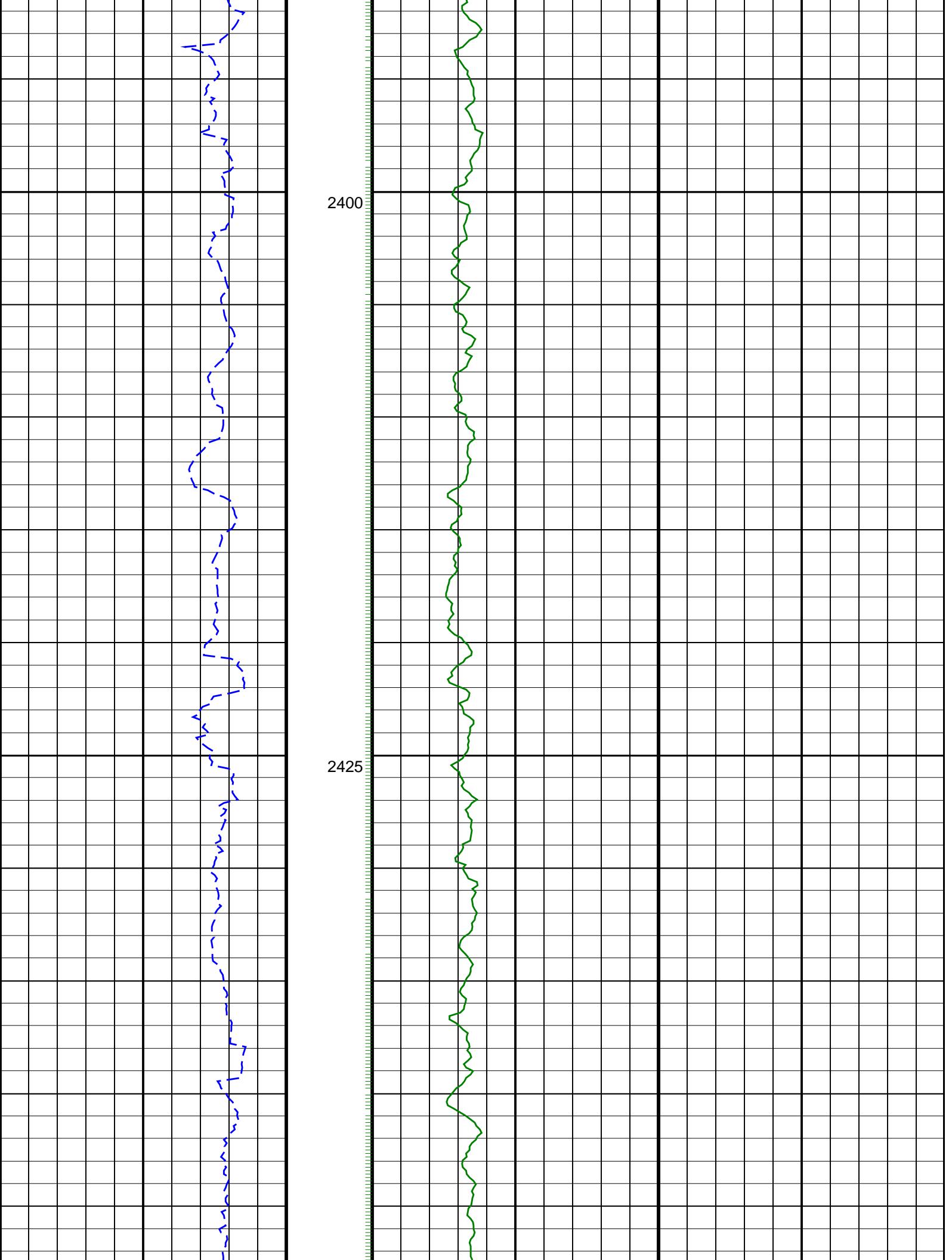


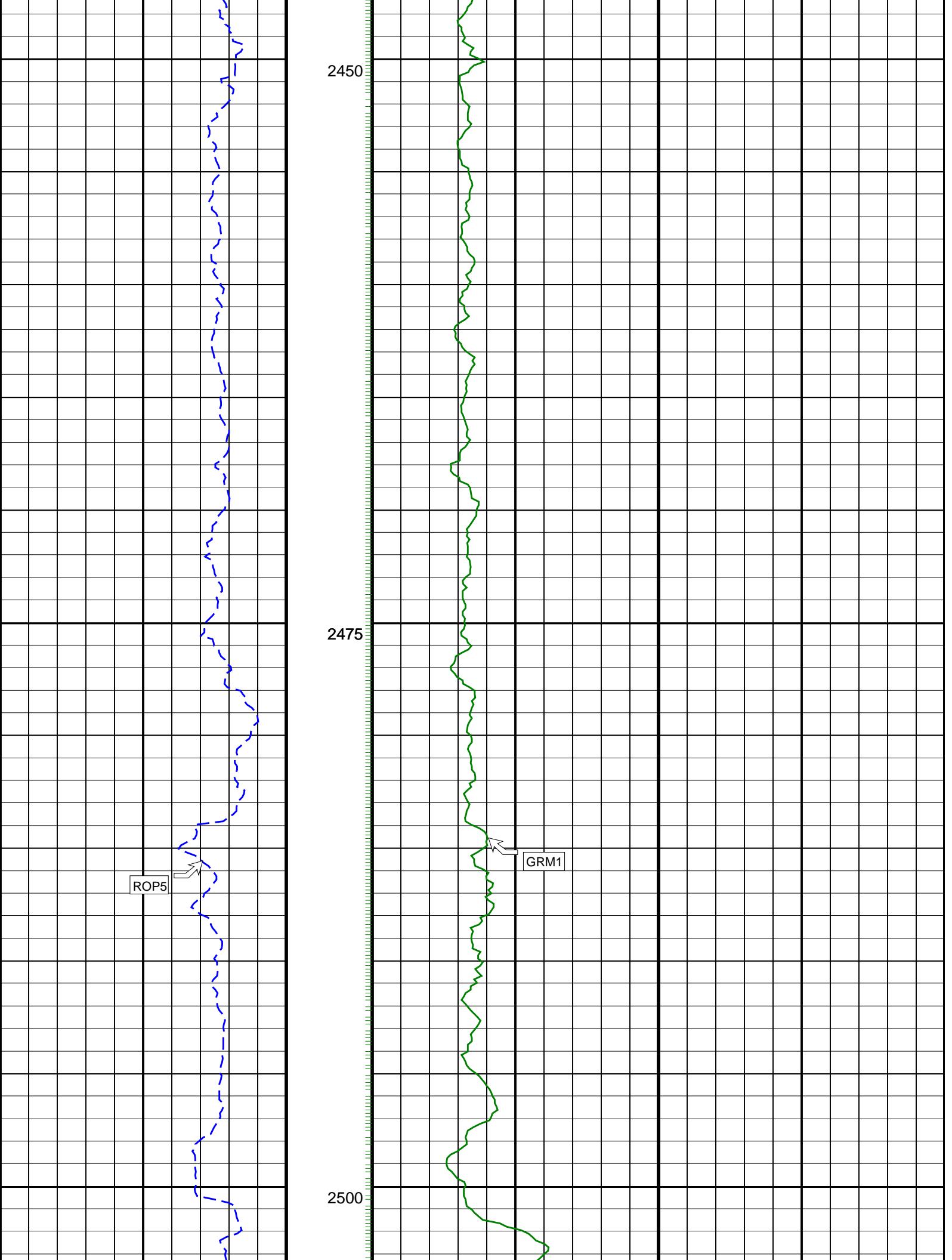


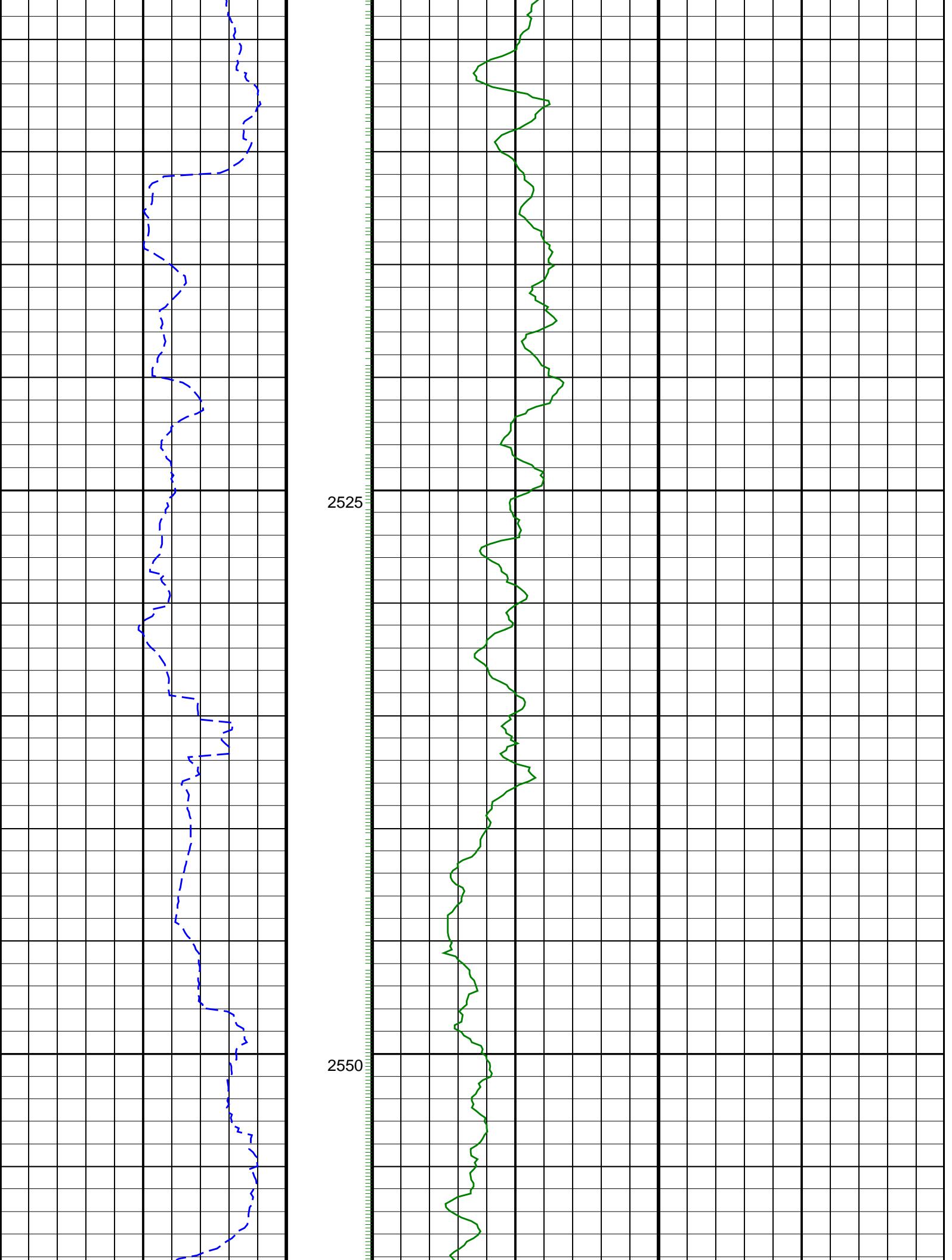


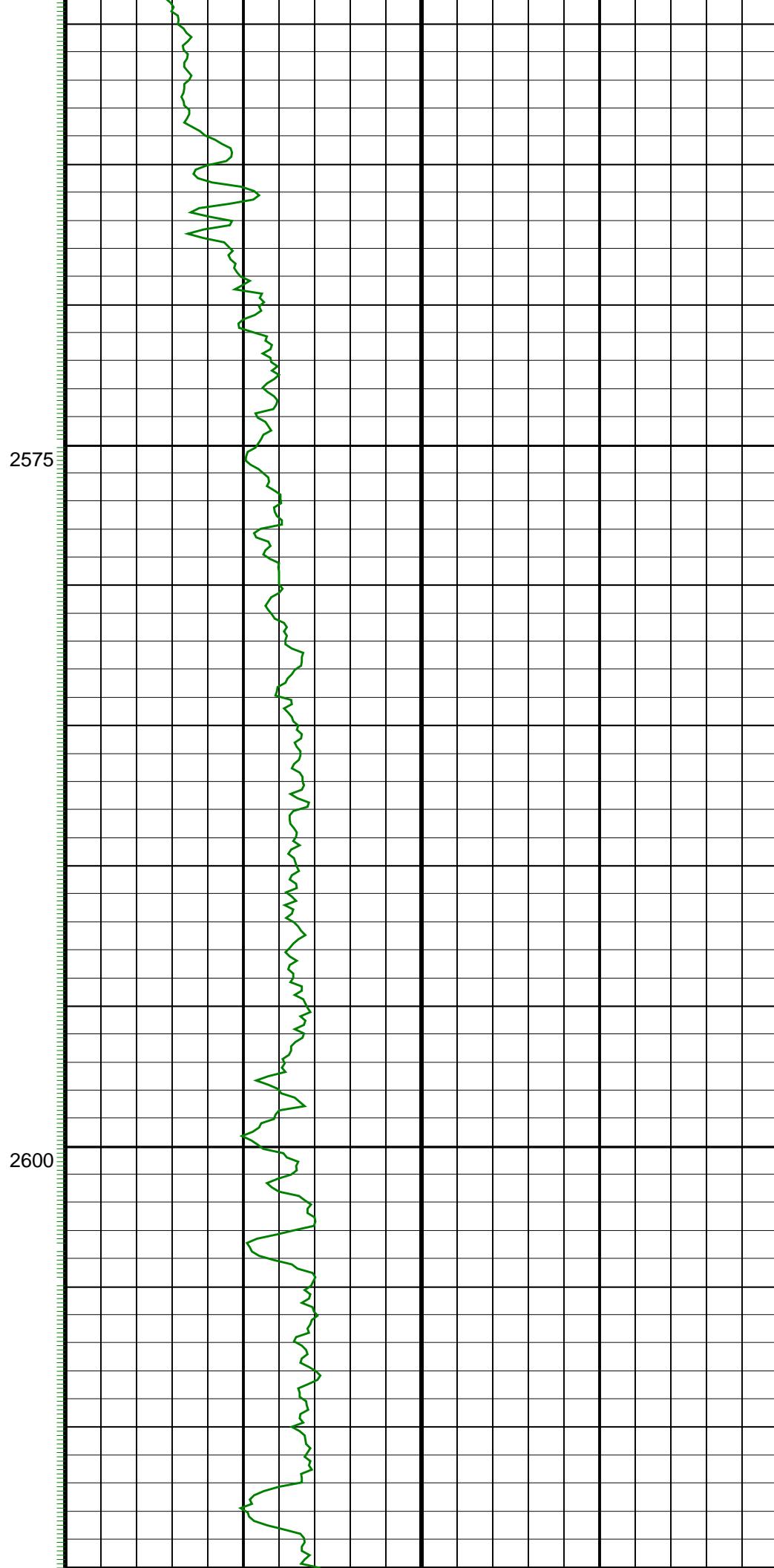
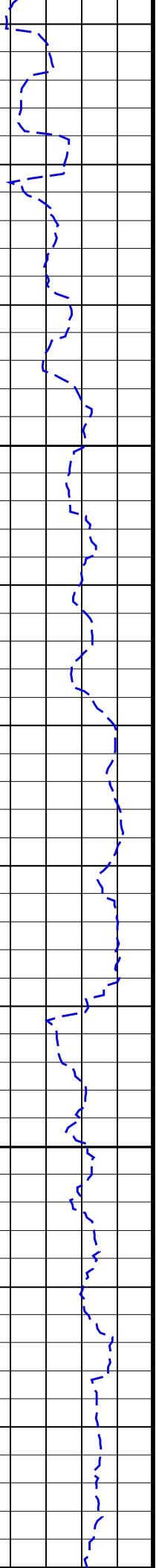


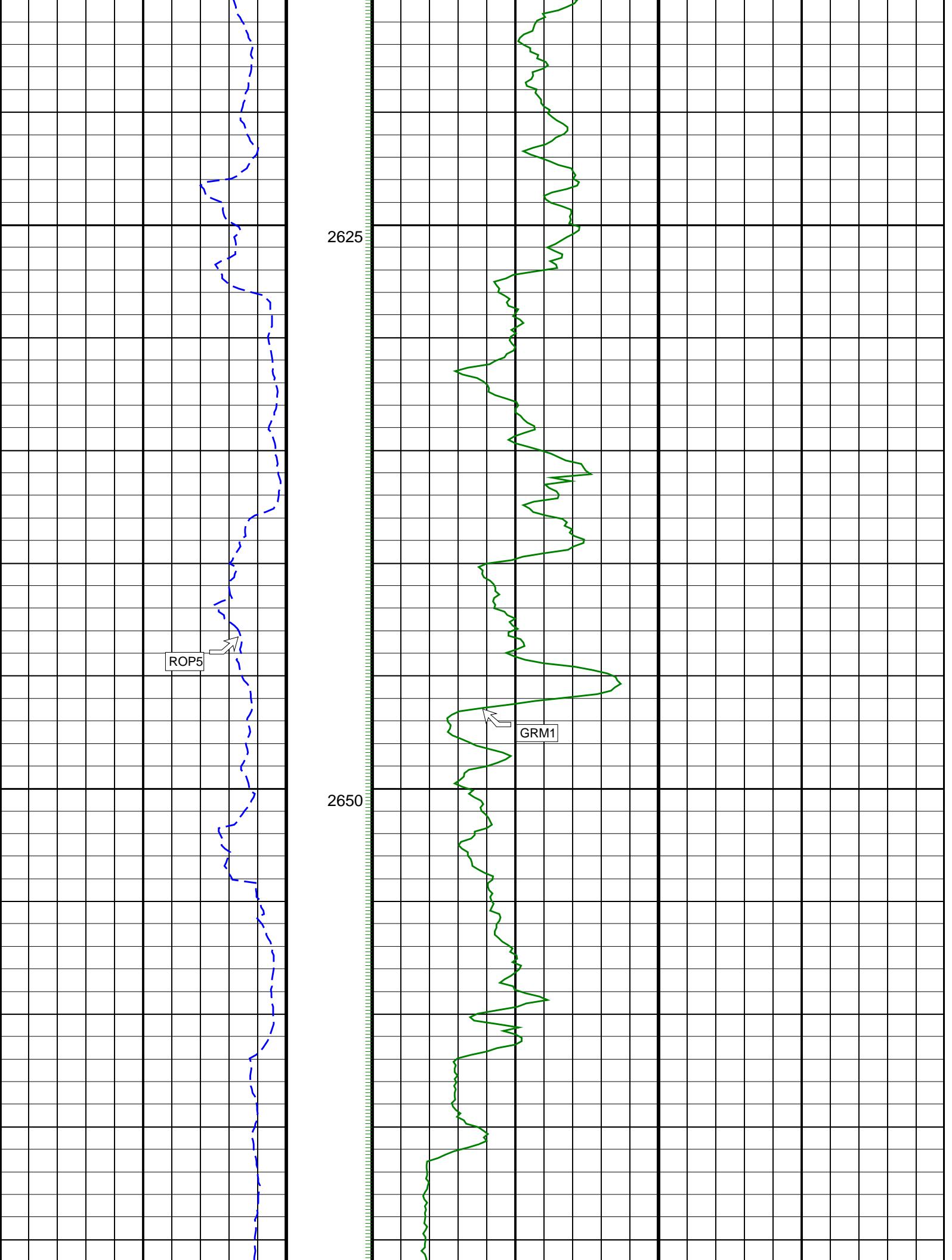


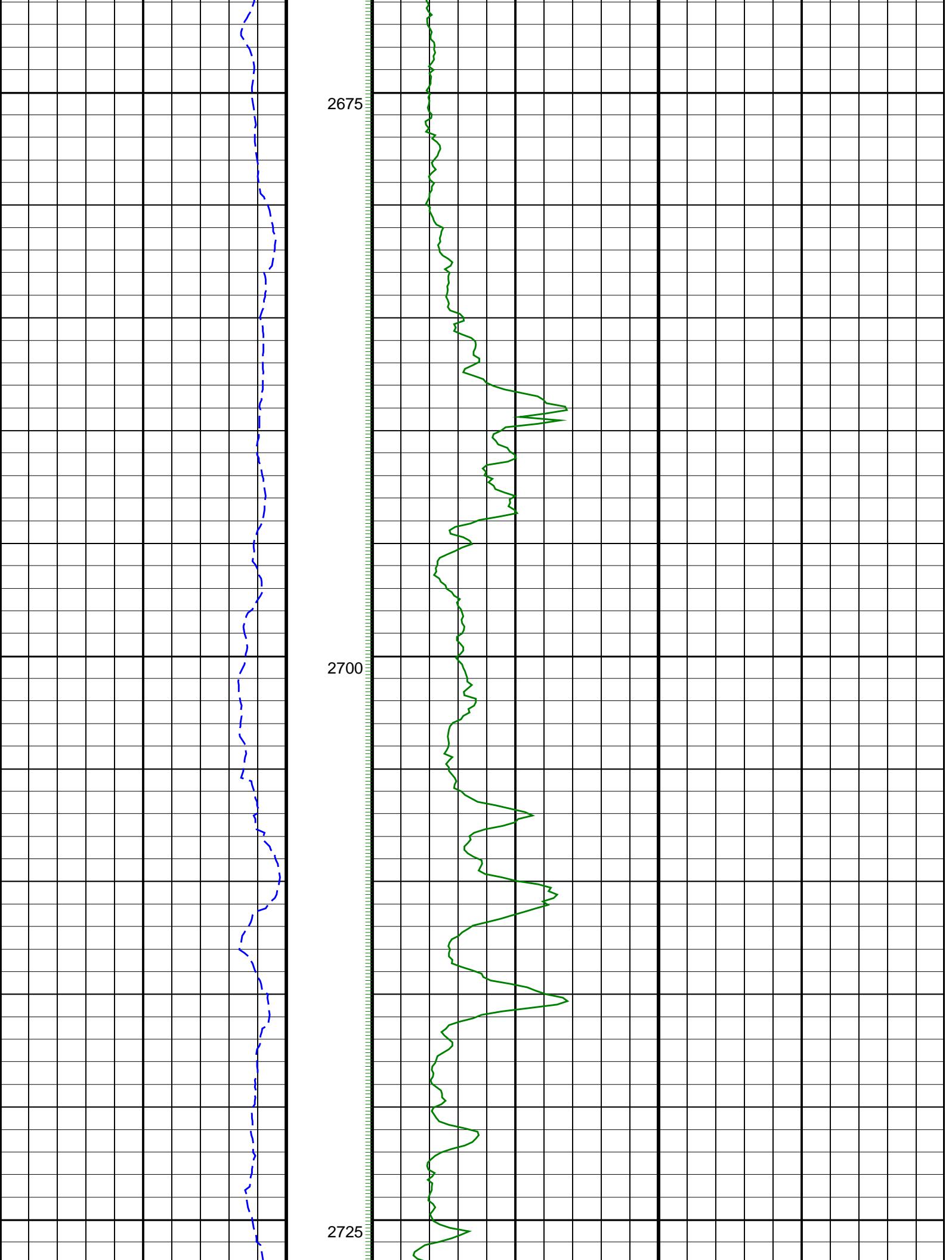


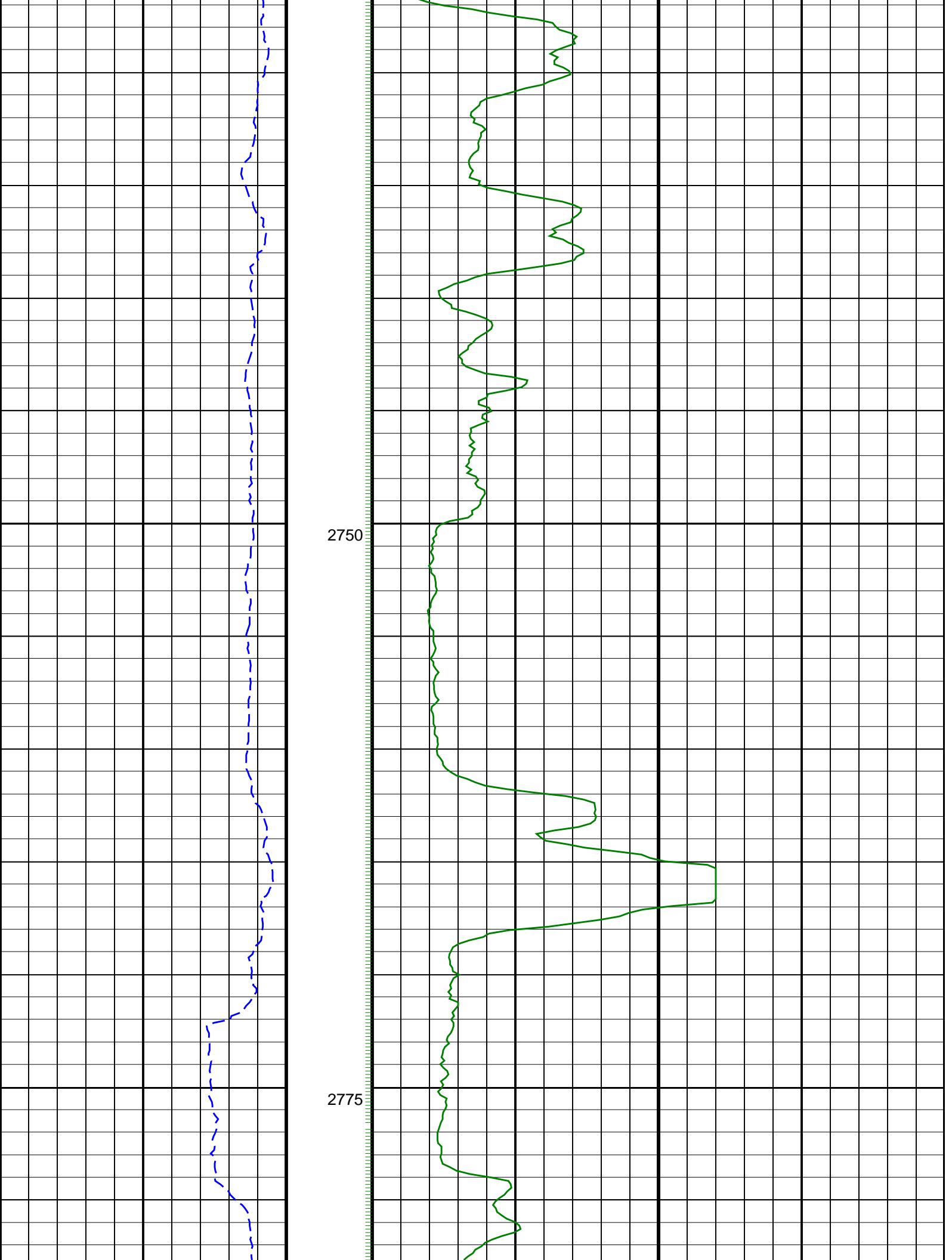


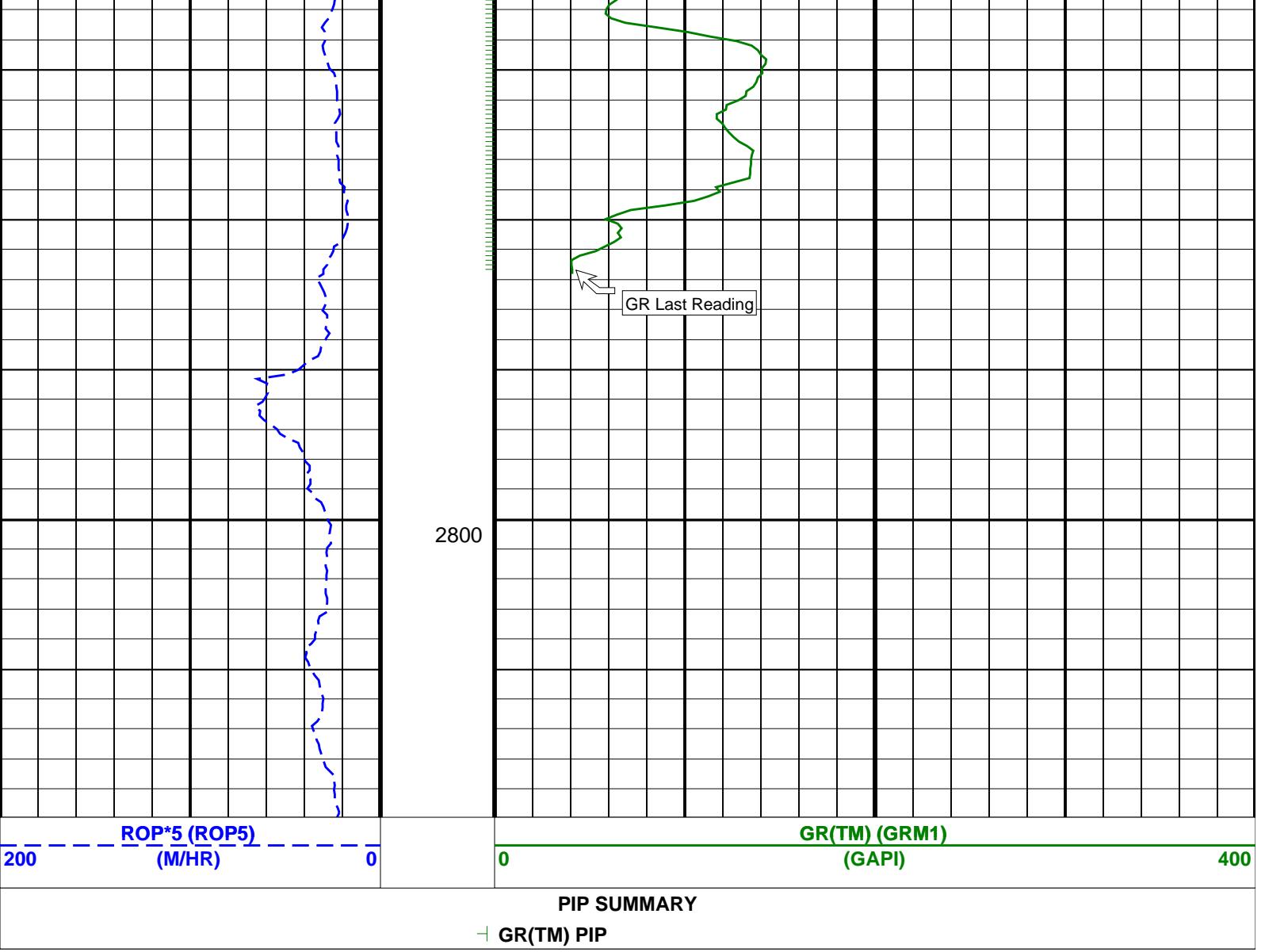












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Well: **BMA A5A**

Field: **Bream A**

Rig: **ISDL 453**

State: **Victoria**

Gamma Ray Service
1:200 Measured Depth
Real Time Log

