

LWD MEMORY LOG



Azimuthal Gamma Ray

Scale: Company: SRC Energy

1:240 MD Well: Beebe 14C-26-M

Depth Reference: Field: Wattenburg

Driller's Depth County: Weld County State: Colorado Country: United States

Status: Surface Location: Other Services:

Final Print Latitude: Longitude: Directional

API No: 05-123-44724-00 SEC: 34 TWN: 6N RGE: 66W

Permanent Datum (P.D.): Ground Level Elevation: 4702.00 ft Elev. KB: N/A  
Log Measured From: Rig Floor Above P.D. 20.00 ft Elev. DF: 4722.00 ft  
Elev. GL: 4702.00 ft

Dates Interval Logged Magnetic Field Reference

Date From: 2017-05-15 Top: (ft) 1780.00 Azi Reference North: True Dip Angle: (deg) 66.75  
Date To: 2017-07-09 Bottom: (ft) 14412.00 Total Magnetic Field Strength: (nT) 52570  
Spud Date: 2017-05-15 Mag to Reference North Correction: (deg) 7.50 E

Borehole Record Casing Record

Hole Size (in)	From (ft)	To (ft)	Size (in)	Weight (lb/ft)	From (ft)	To (ft)
13.500	20.00	1780.00	9.625	36.00	20.00	1772.00
8.500	1780.00	14412.00				

Mud Record Deviation Record

Type	From (ft)	To (ft)	Hole Size (in)	Interval (ft)	Inc   Az (Start)	Inc   Az (End)
Diesel-Oil Based Mud	1780.00	14412.00	13.500	1776.00	0.24   197.32	19.39   304.73
			8.500	12632.00	19.39   304.73	85.01   86.67

Acquisition System Software Version Other

Baker Hughes Cadence RT4.1 Rigi: Precision 462  
PlotStudio 4.1.7763.3 Contractor: Precision Drilling Unit: D&E  
District: RMD

"These interpretations and analyses ("Interpretations") are opinions provided by Baker Hughes Oilfield Operations, Inc ("Baker Hughes"), based upon industry practice, empirical relationships, assumptions and measurements, (many of which may be provided by the customer). The Interpretations are not infallible and may be subject to different opinions. Vjwu."Dcmgt"JwiJgu"fqgu"pqv"ycttcpv"vjgkt"ceewtce{"."eqttgevpguu."qt"eqorngvgpguu."qt"vjcv"vjg"ewuvqogtøu"cpflqt"cp{"vjktf"rctv{øu"tgkncpeg"qp"uwej"Kpvgtrtgvckvqpu"yknn"ceeqornkuj"cp{"rctvkewnct"tguwnvu0"Vjg"ewuvqogt"cuuwogu"hwnn"responsibility for the use of the Interpretations and for decisions based thereon and the customer agrees to release, defend and indemnify Baker Hughes, its parent, subsidiaries and affiliated or related entities, and subcontractors, together with its and their officers, directors, employees, agents and invitees against, any and all claims, losses, damages, or expenses sustained by the customer or any third party arising out of reliance upon or use of the Interpretations, without regard to the cause(s) thereof, including without limitation any form of negligence on the part of Baker Hughes. Unless other contract terms have been agreed to by the parties, each party's liabilities and qdnkicvkqpu"ujcnn"dg"iqxgtpgf"d{"Dcmgt"JwiJgu"Kpeqtrqtcvfgøu"Yqtnfykfg"Vgtou"cpf"Eqpfkvkqpu0\$""

Log Run Summary


Run No	Bit Run No.	Bit Size (in)	Bit Type	Bit Gauge Length (in)	Assembly Type	Logged Interval		Bit Depth Interval		Date / Time		Circ. Hours (h)
						Top (ft)	Bottom (ft)	From (ft)	To (ft)	Start Logging	End Logging	
1	1	13.500	PDC	1.80	Steerable	0.00	0.00	4.00	1780.00	2017-05-15 09:01	2017-05-15 18:26	11.00
2	2	8.500	PDC	3.00	Rotary Steerable	1780.00	12492.00	1780.00	12564.00	2017-07-06 02:35	2017-07-08 06:03	42.14

## Crew

Remarks				
Number	Measured Depth (ft)	Hole Section (in)	Run No.	Remark
1	1780.00	8.500	2	Baker Hughes logging services began at 1780 feet MD (1751 feet TVD) per customer request.
2	12492.00	8.500	3	The interval from 12492 to 12564 feet MD (7185 feet TVD) was logged up to 20 hours after drilling due to Gamma Ray sensor offset from the bit at the end of Run 2.
3	14397.00	8.500	3	The interval from 14397 to 14412 feet MD (7231 to 7233 feet TVD) was not logged due to sensor to bit offset at well TD.

Curve Mnemonics

Presented Curves	Description	Units
ROPA	Depth Averaged ROP 3 ft Average	ft/h
TVD	True Vertical Depth	ft
WOBA	Weight On Bit, Average 1 ft Average	klb
GRAM	OnTrak - Gamma Ray - Apparent - Memory 0.5 ft Average	API
GRIM	OnTrak - Gamma Ray - Data Point Indicator - Memory	unitless
GRTM	OnTrak - Gamma Ray - Time Since Drilled - Memory	min
GRADM	OnTrak - Gamma Ray - Apparent - Down Quadrant - Memory 0.5 ft Average	API
GRAUM	OnTrak - Gamma Ray - Apparent - Up Quadrant - Memory 0.5 ft Average	API
TCDM	Downhole Temperature	degF



Company

Well

Interval

Created

SRC Energy

Beebe 14C-26-M

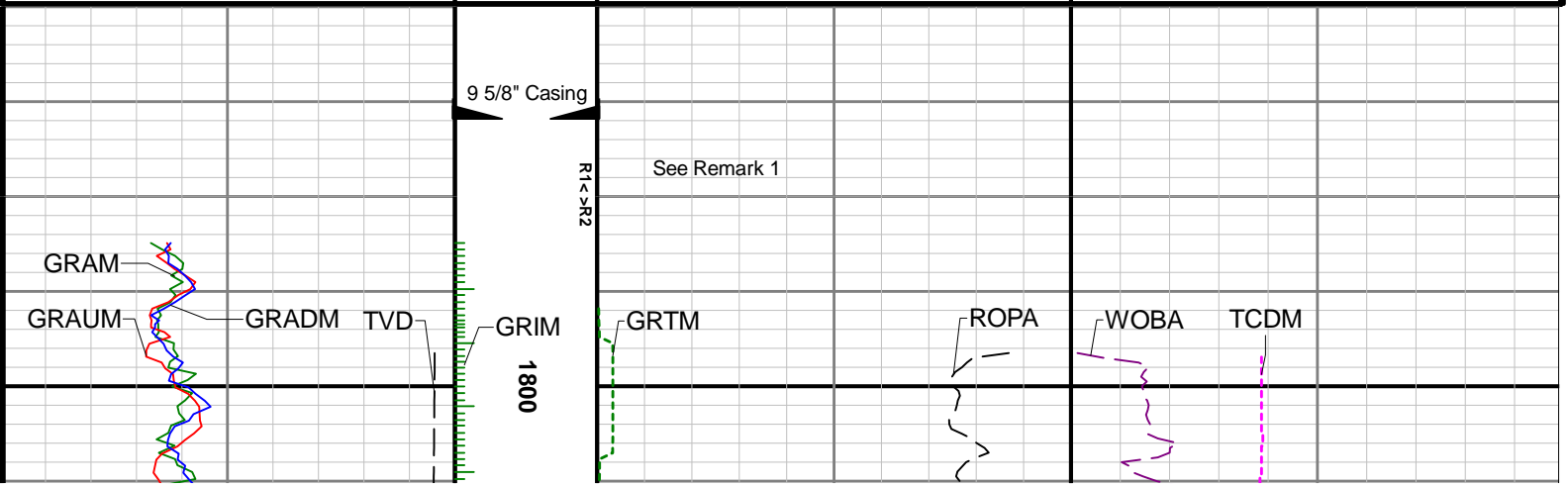
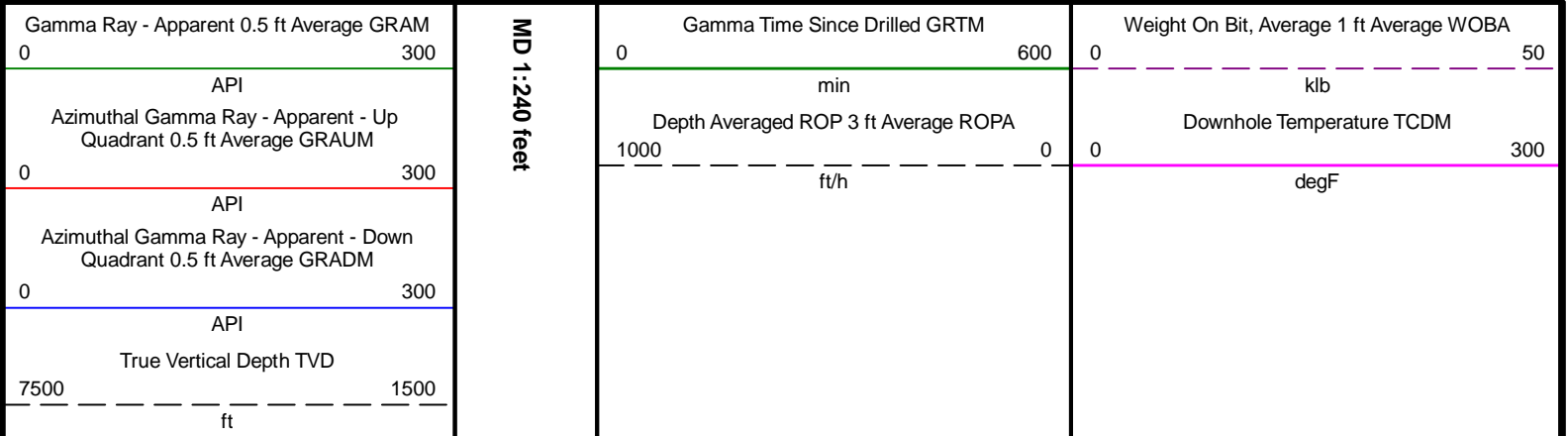
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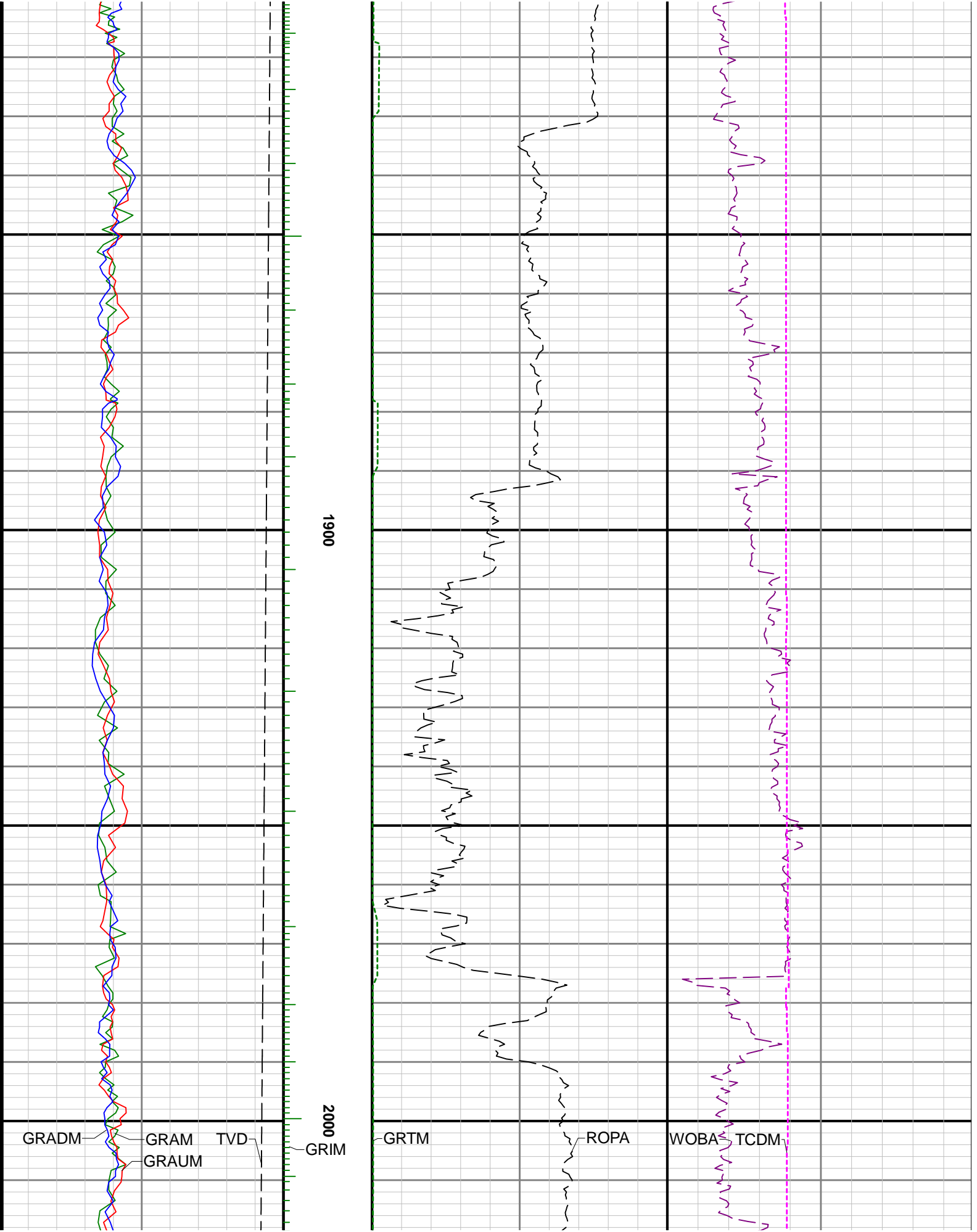
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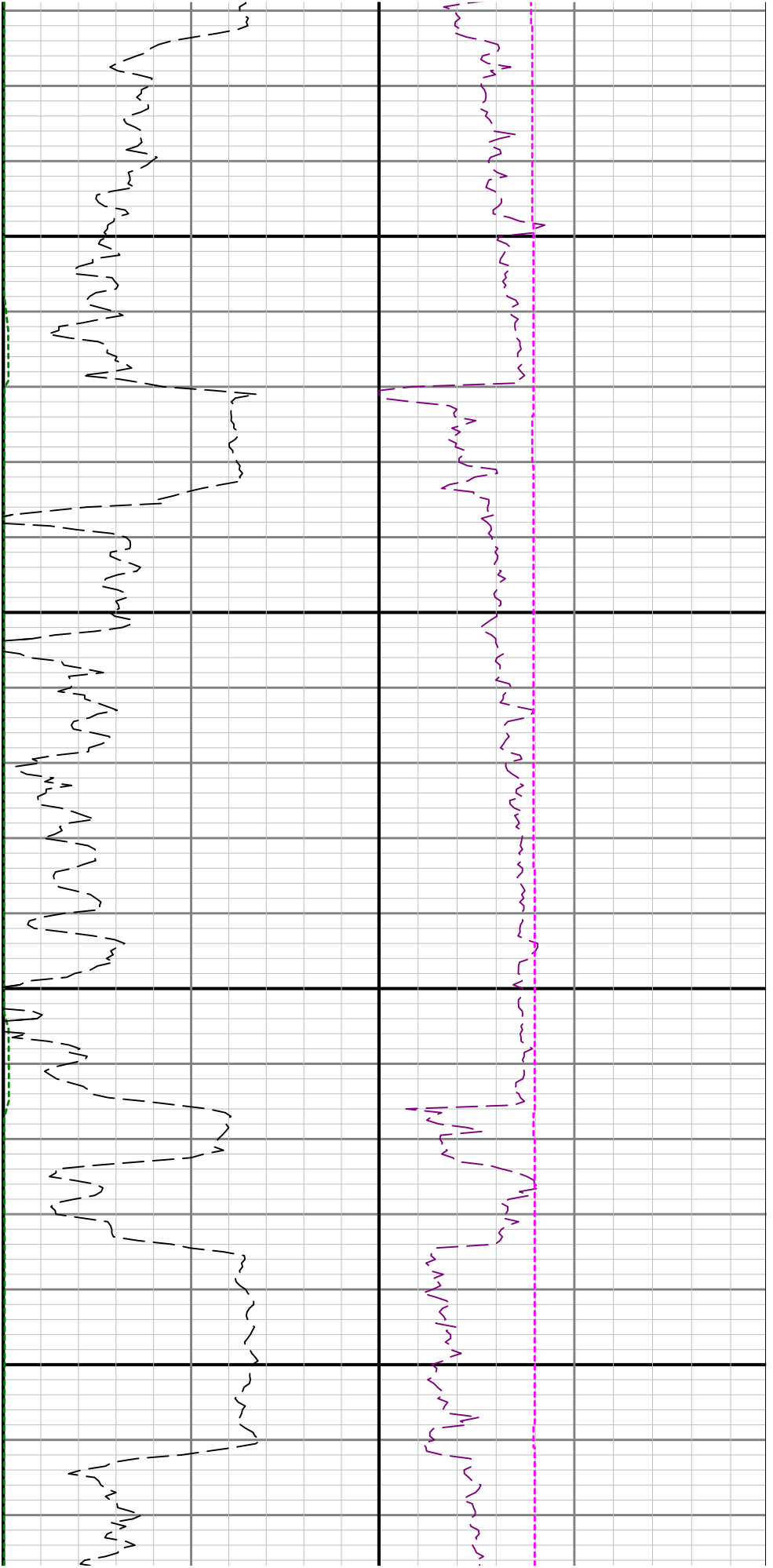
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Top: 1780.00

Bottom: 14412.00

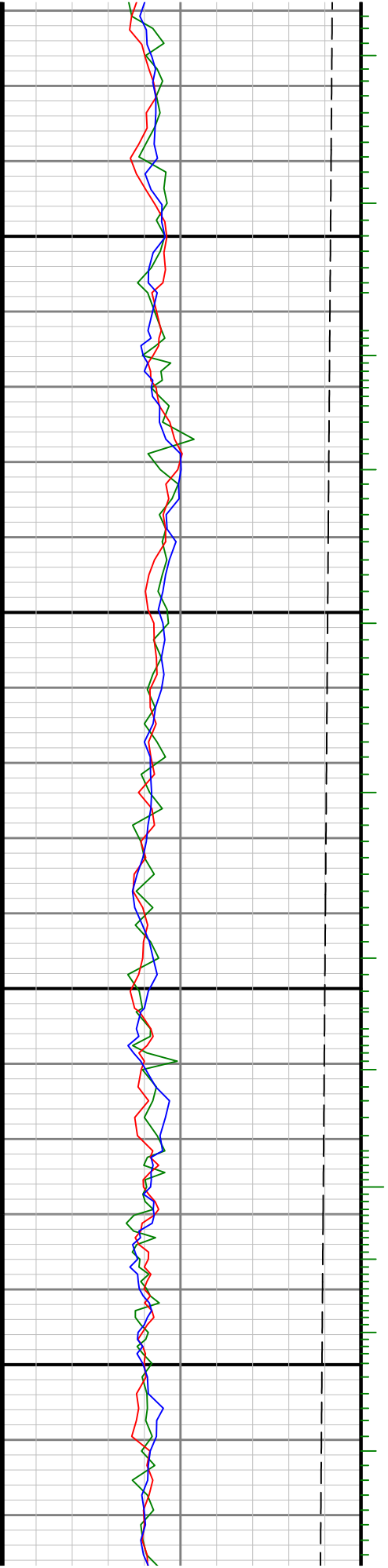


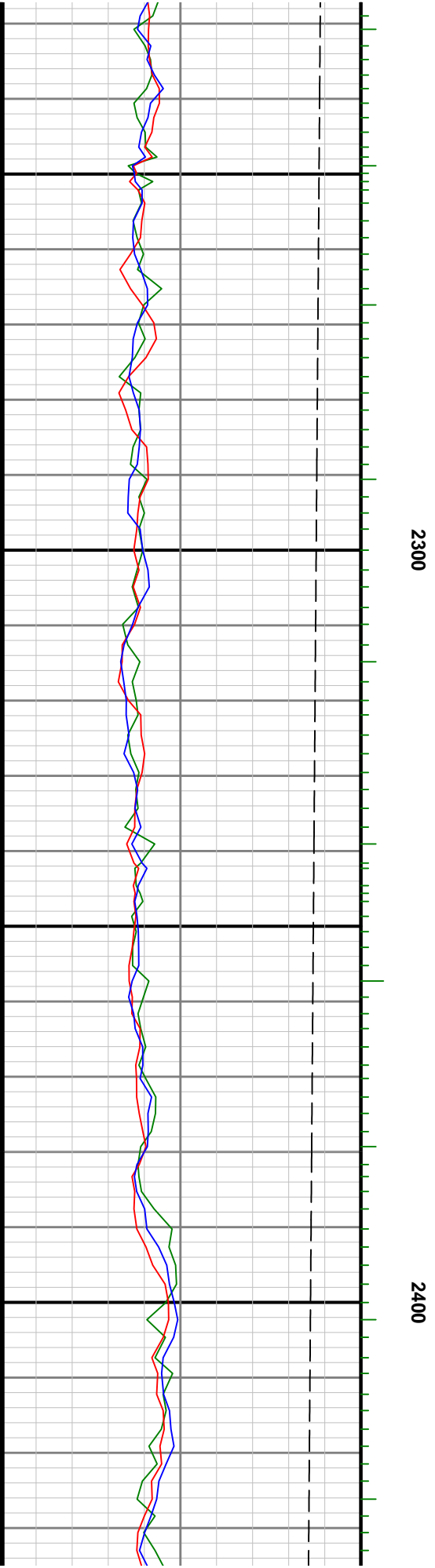
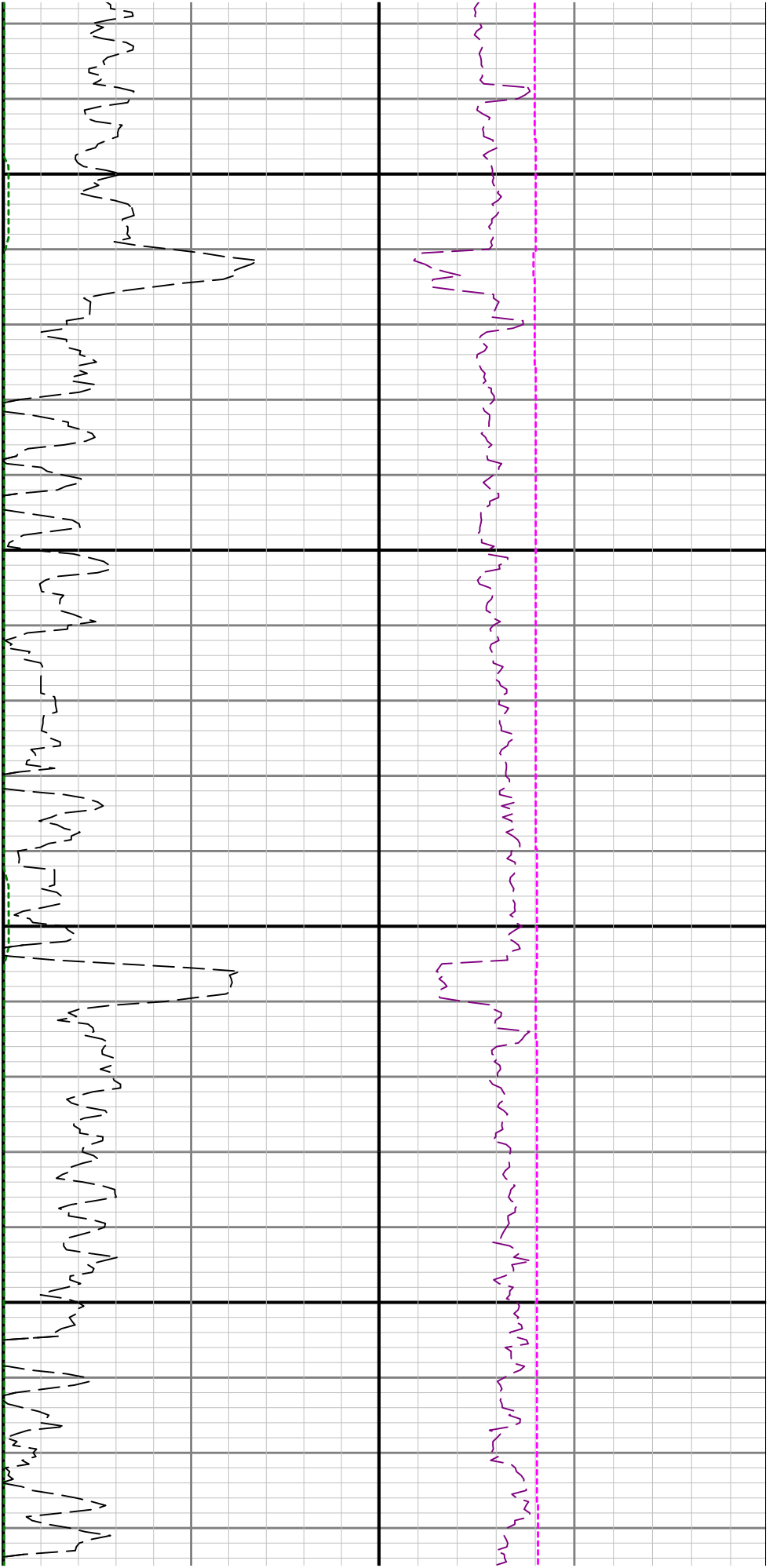


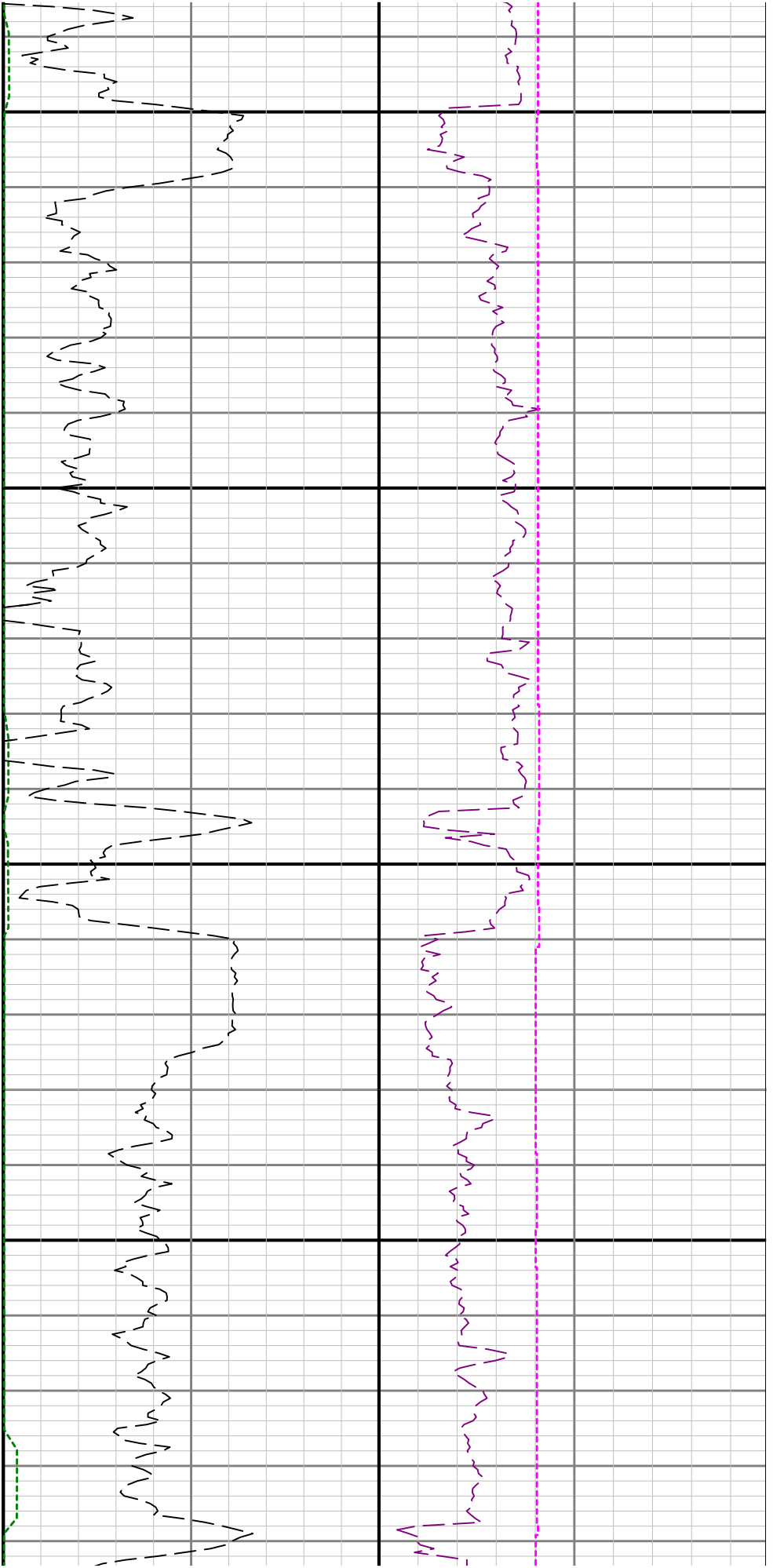


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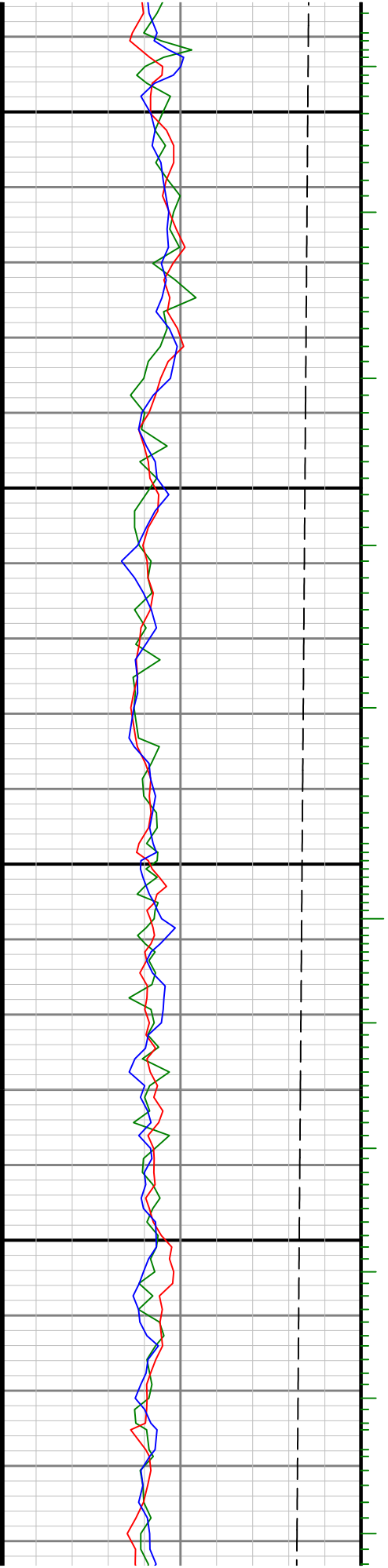


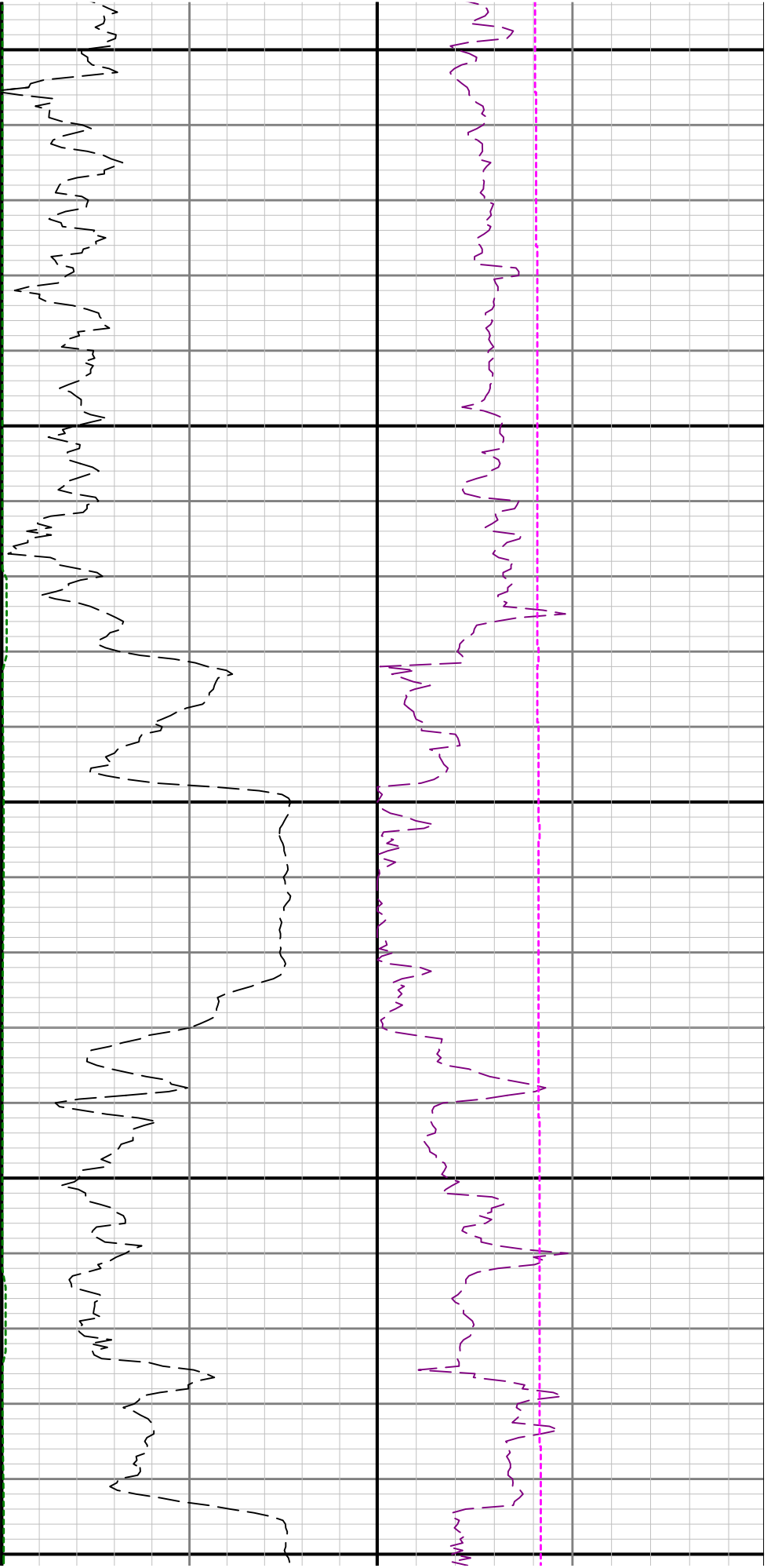




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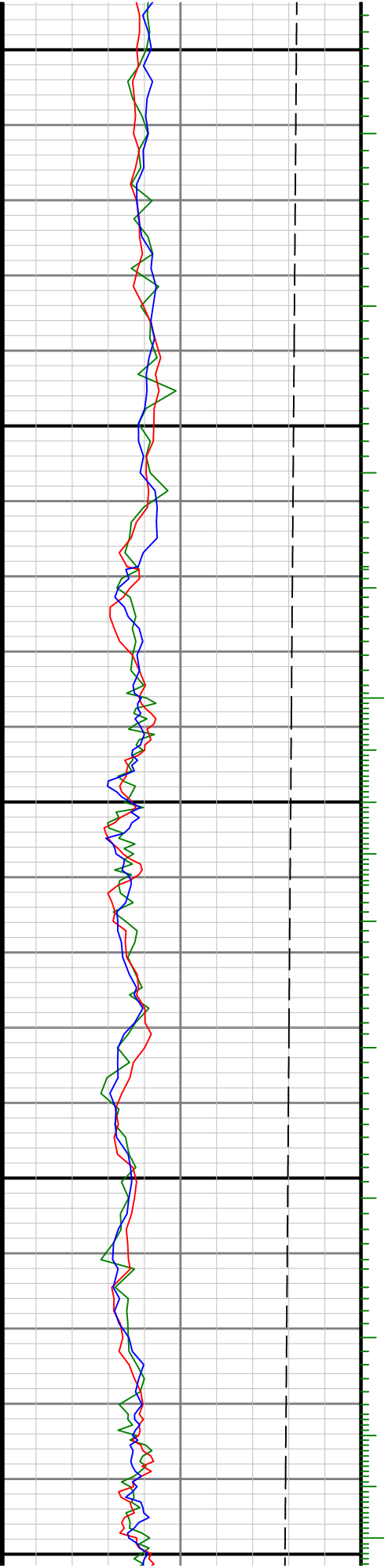
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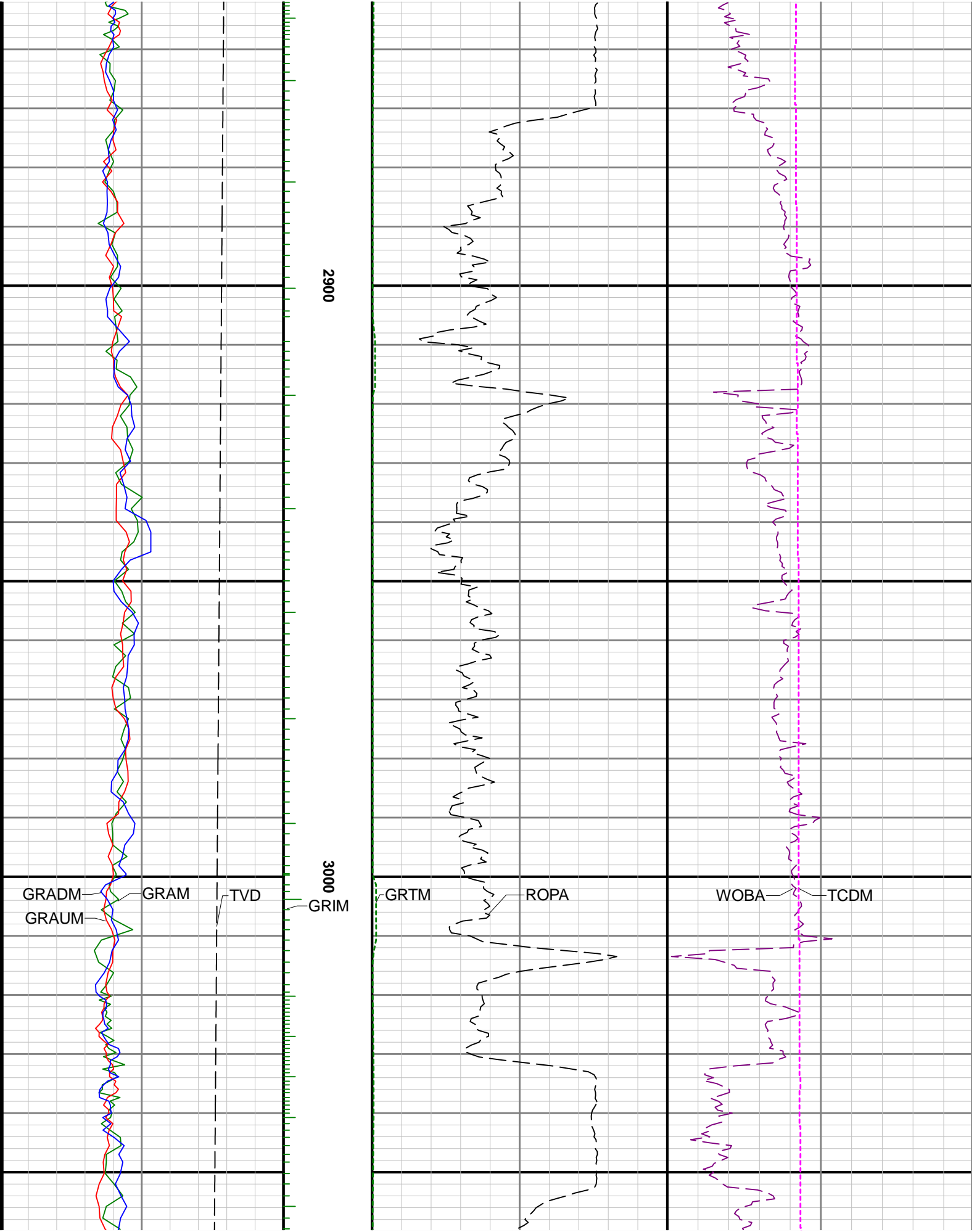


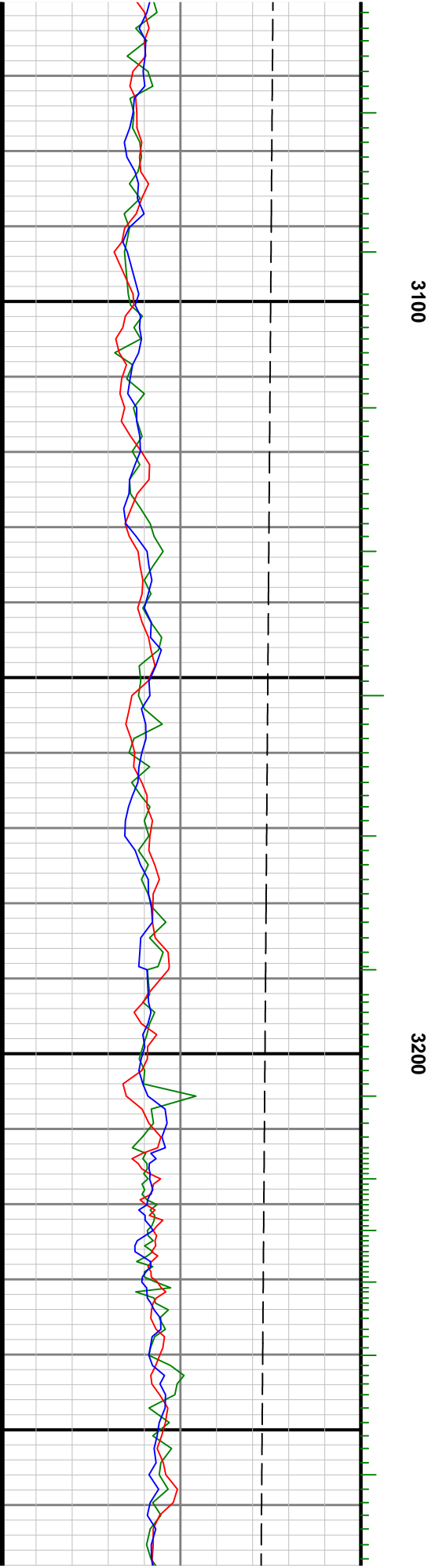
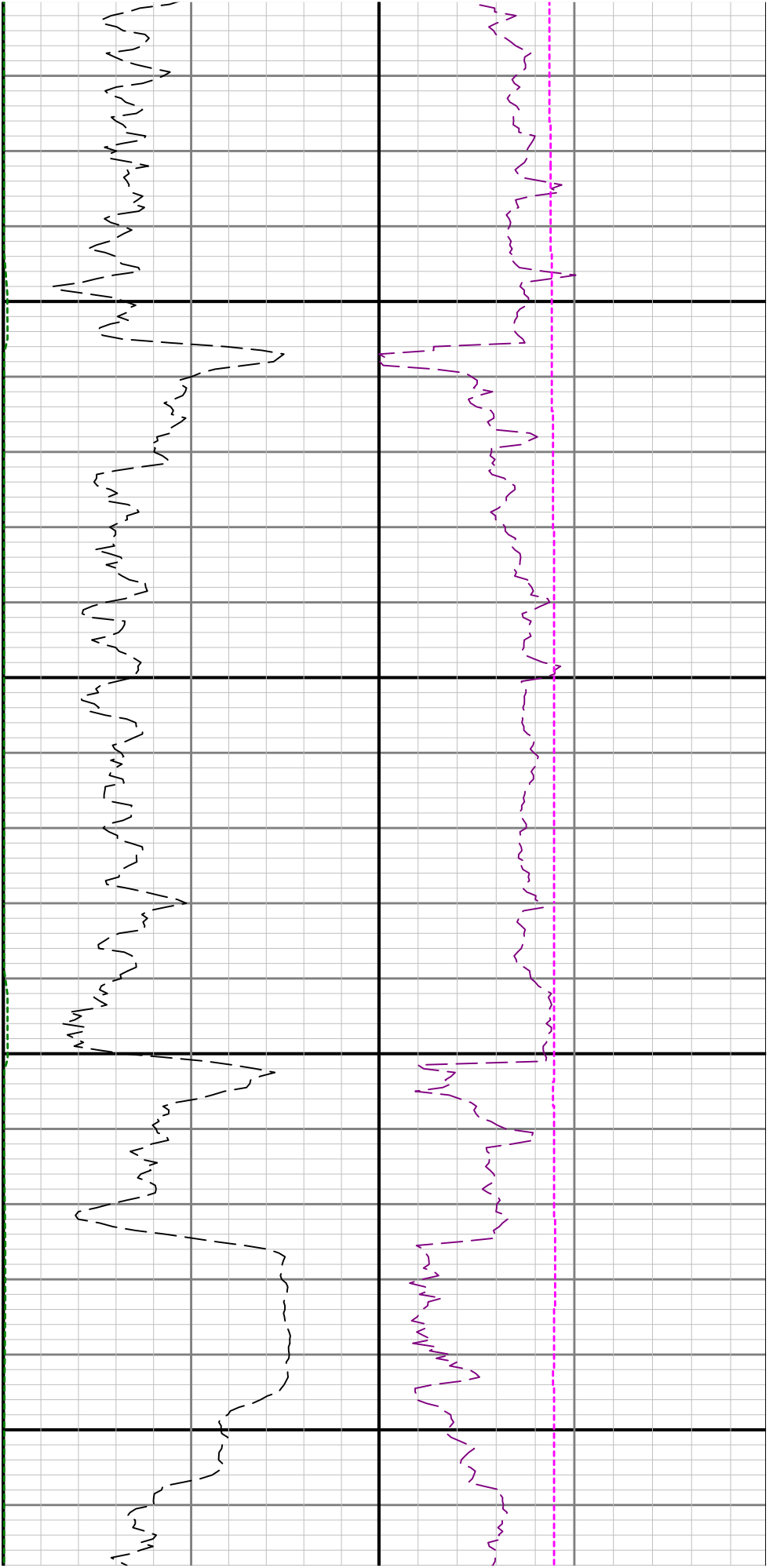
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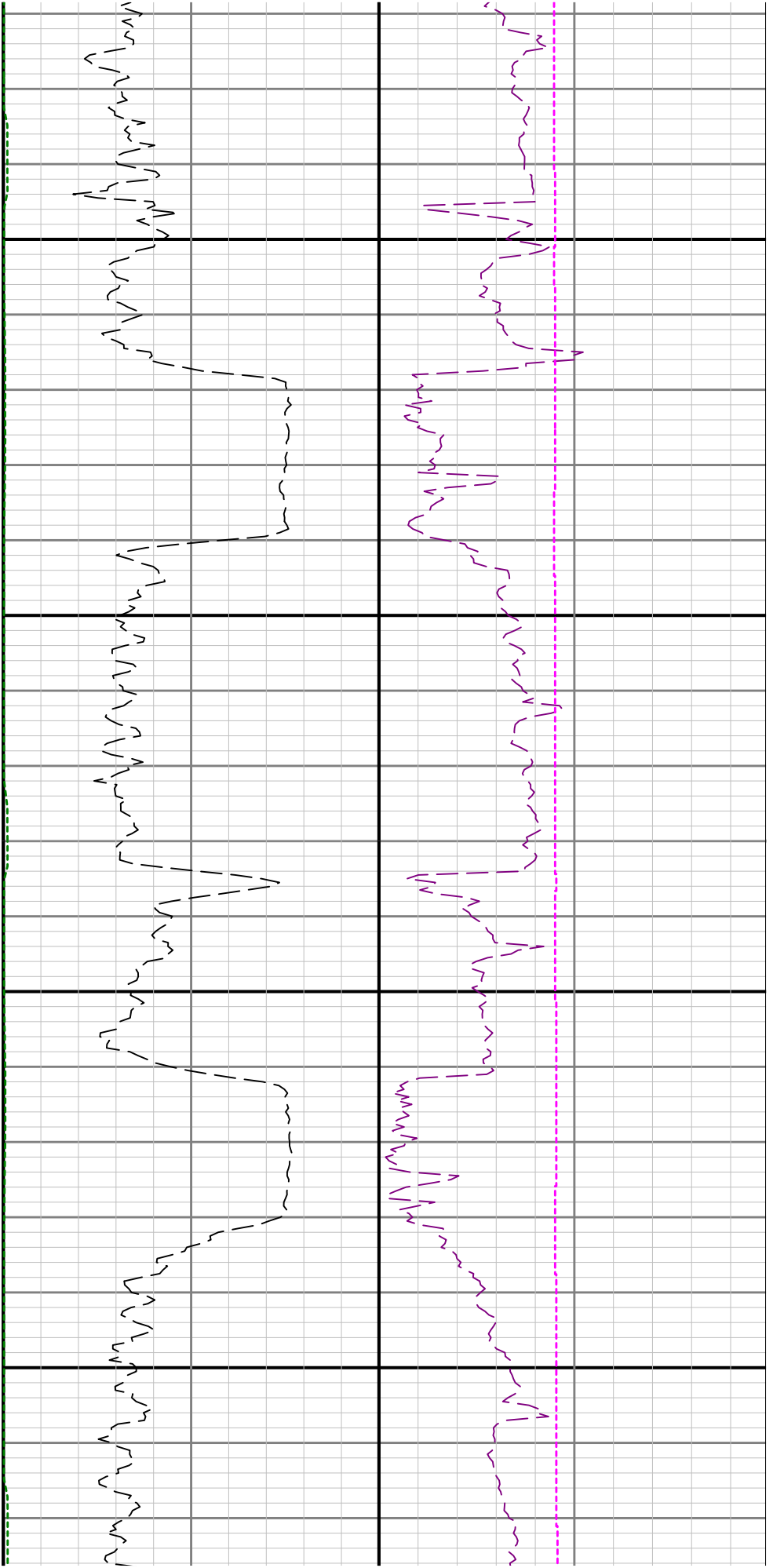
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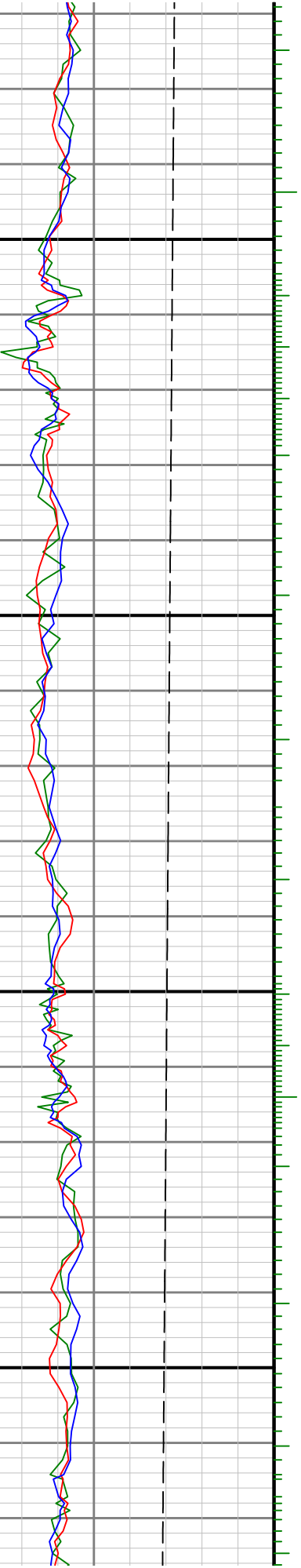


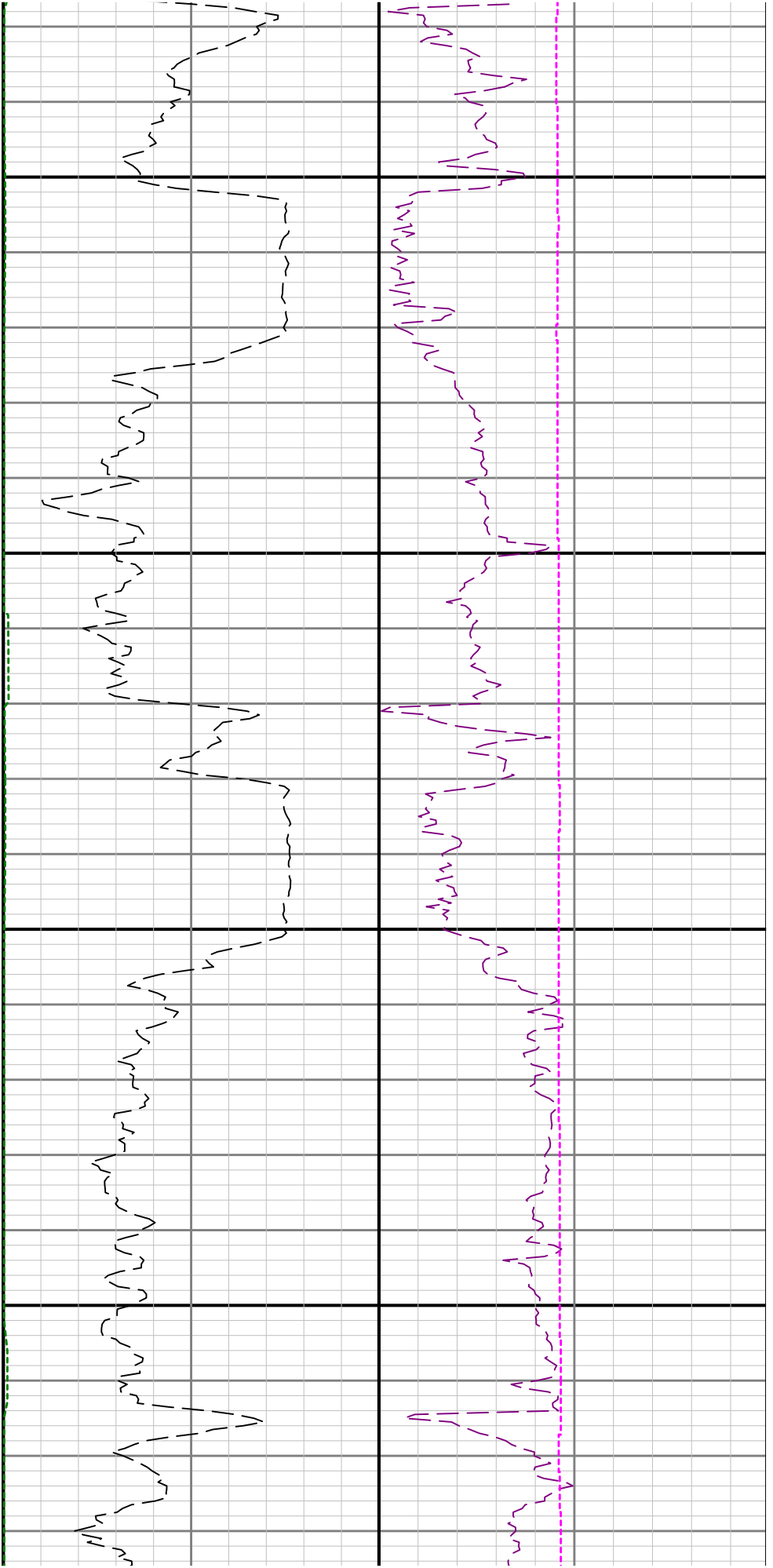




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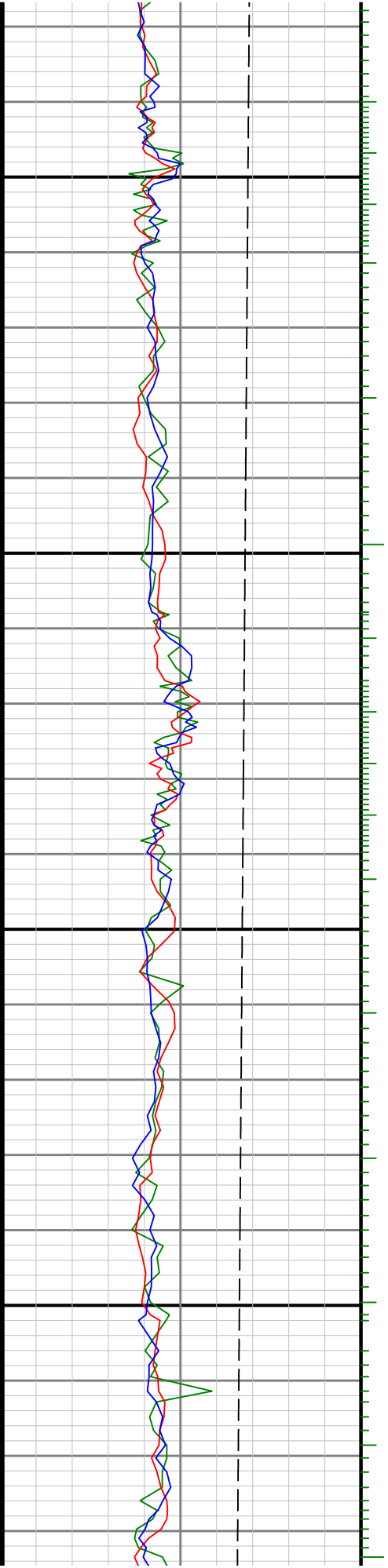
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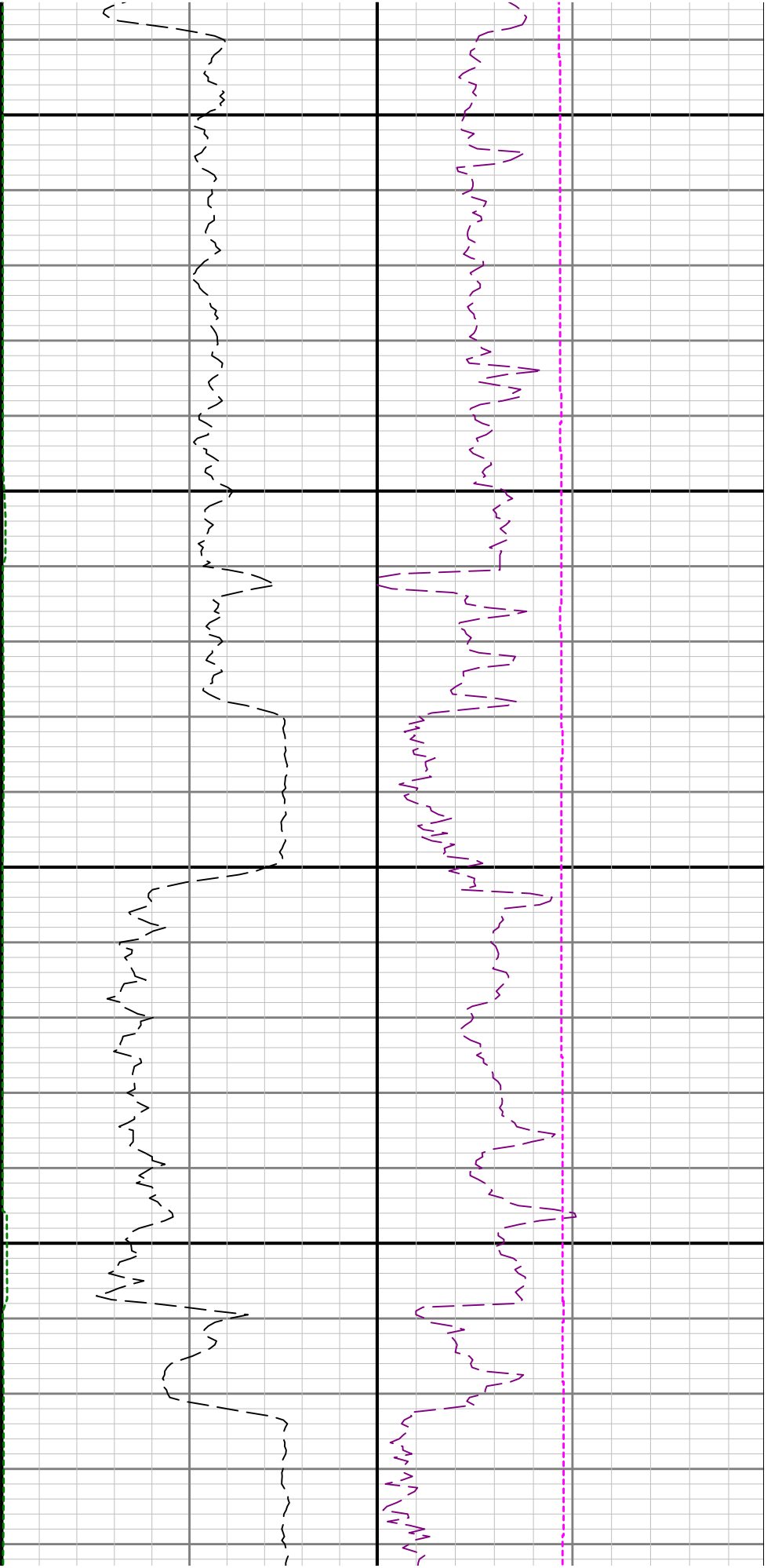




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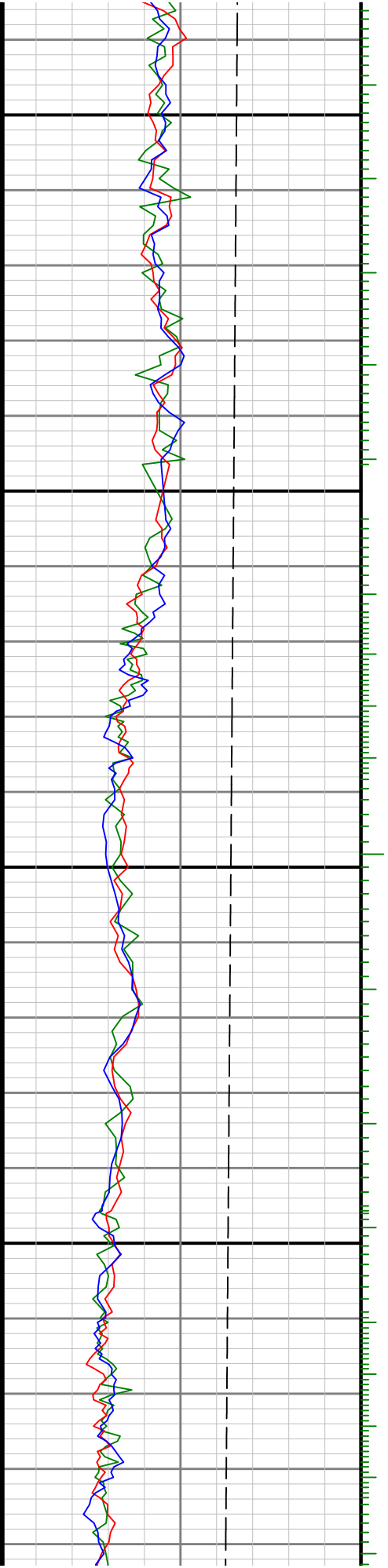
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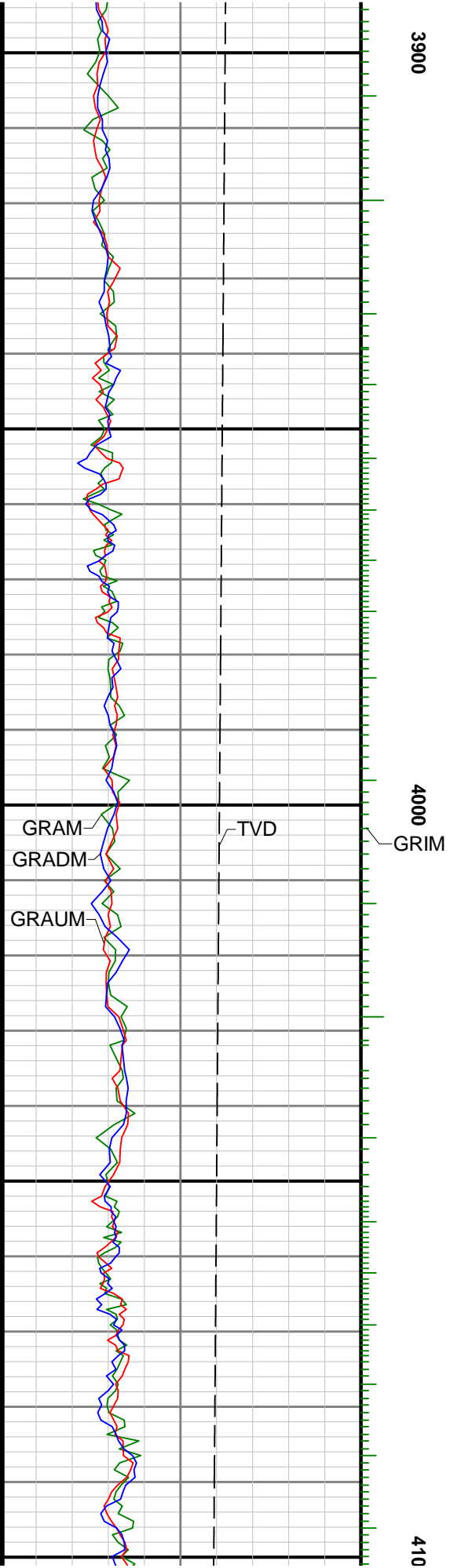
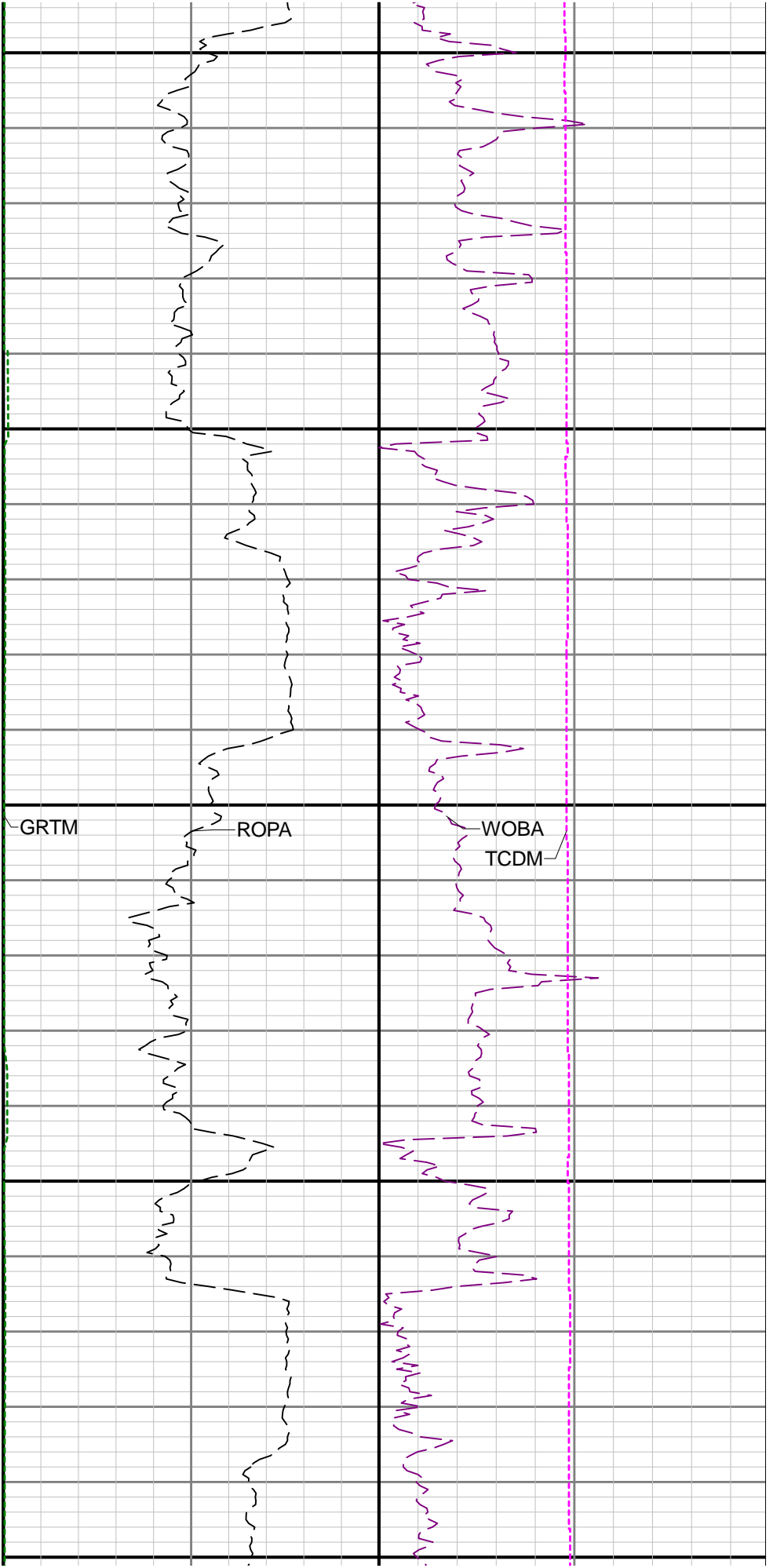


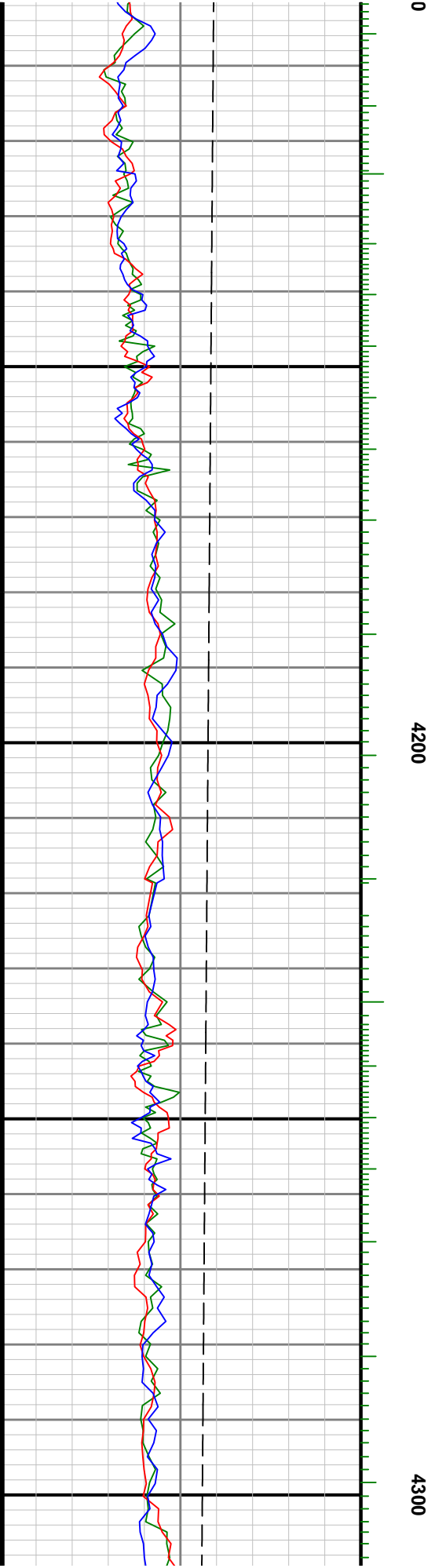
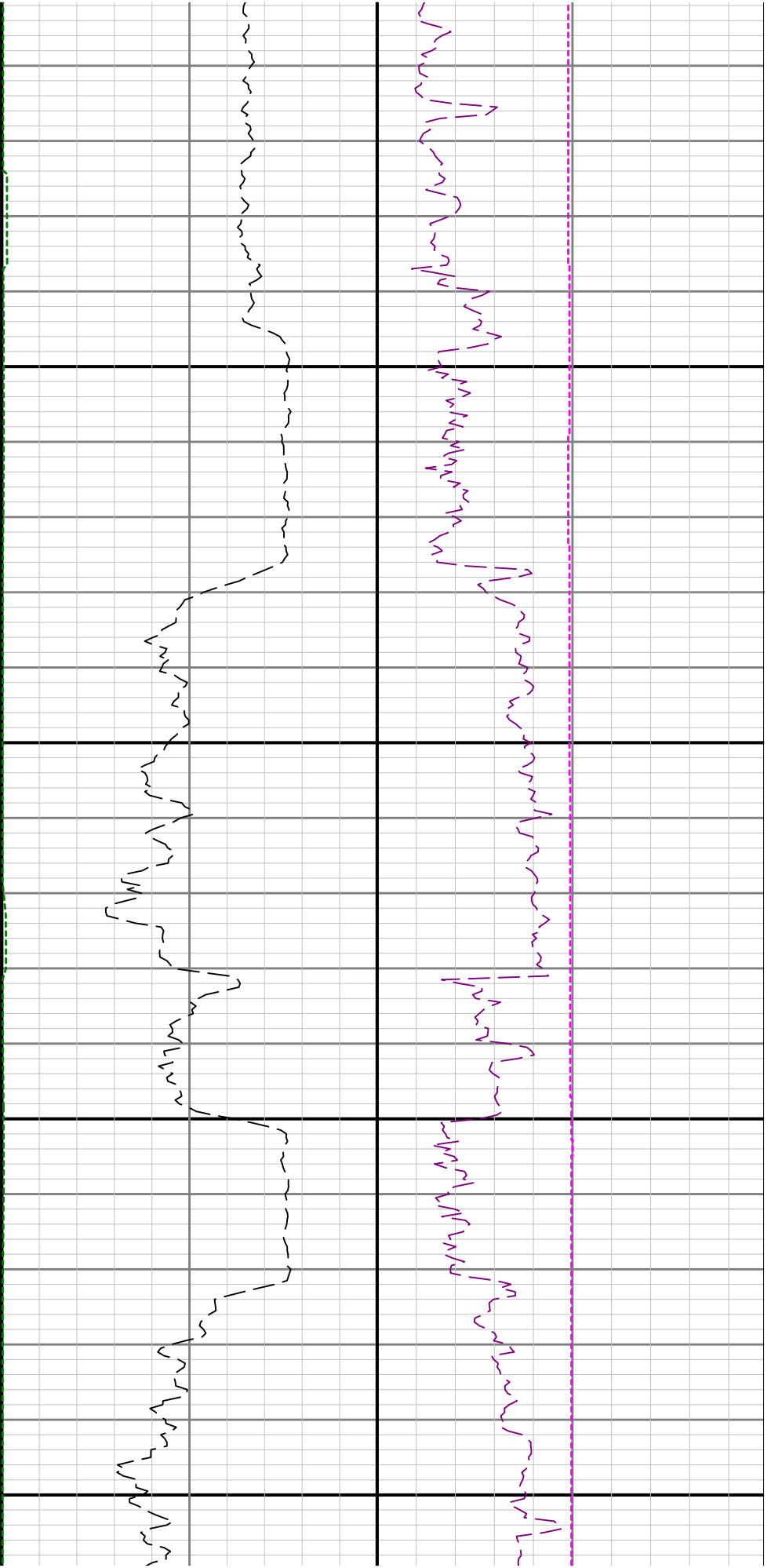


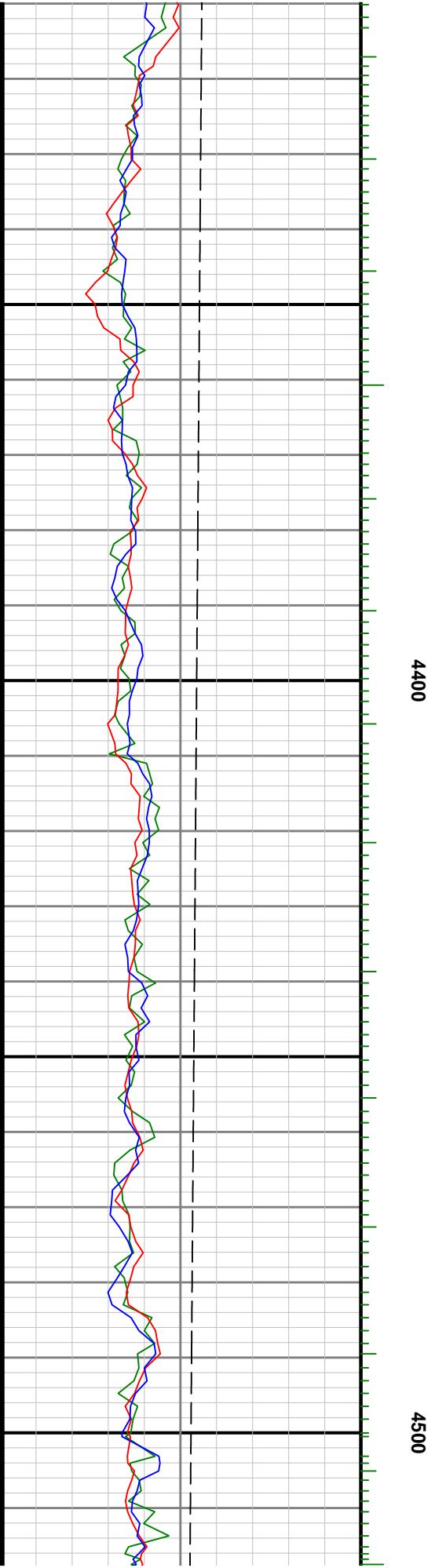
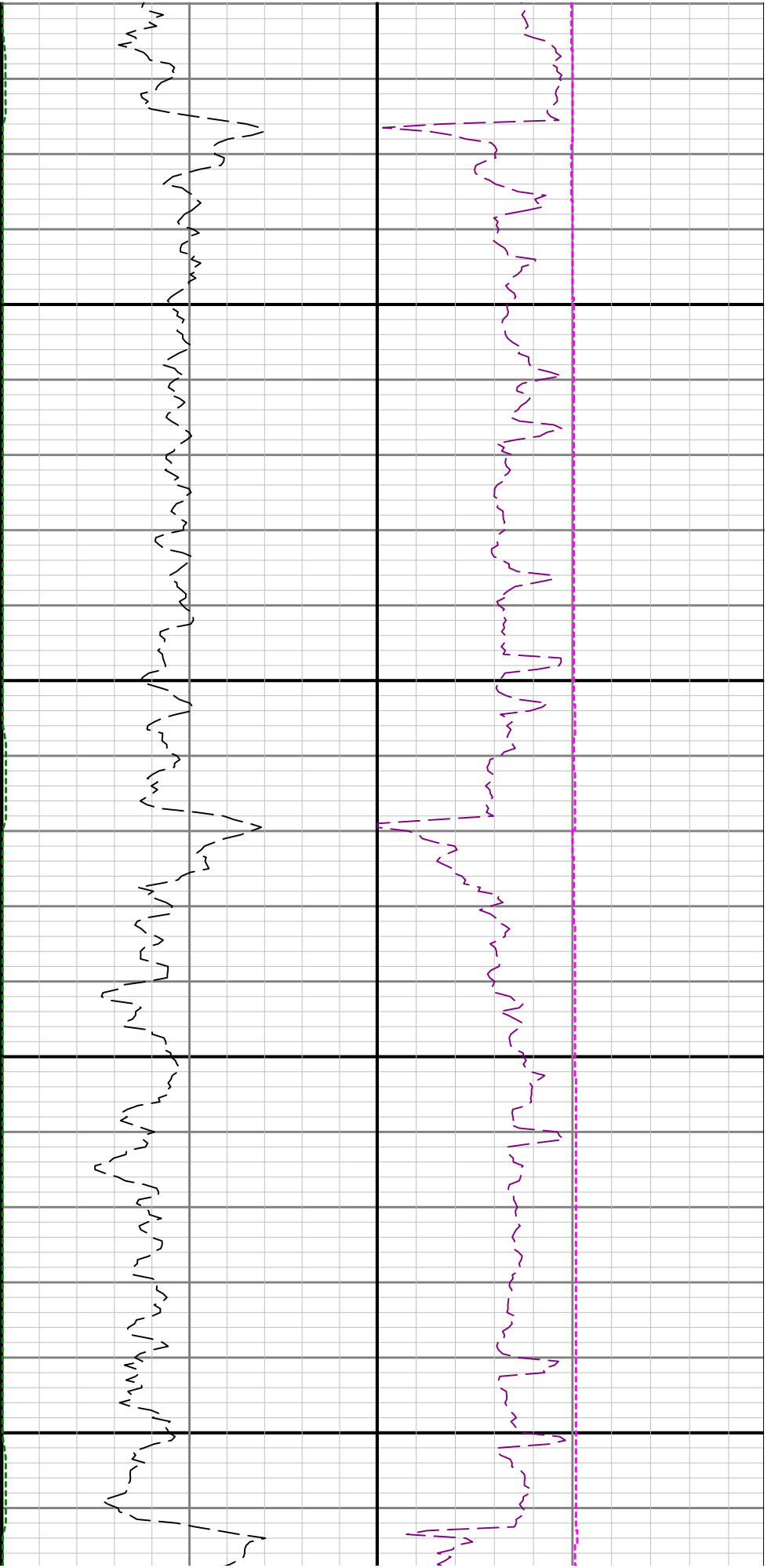
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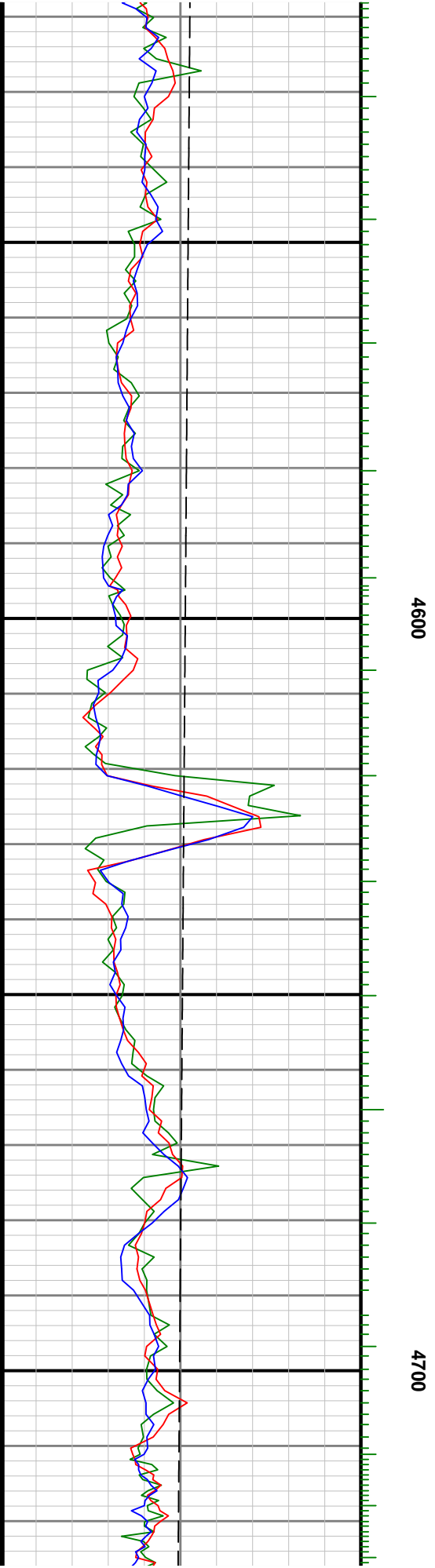
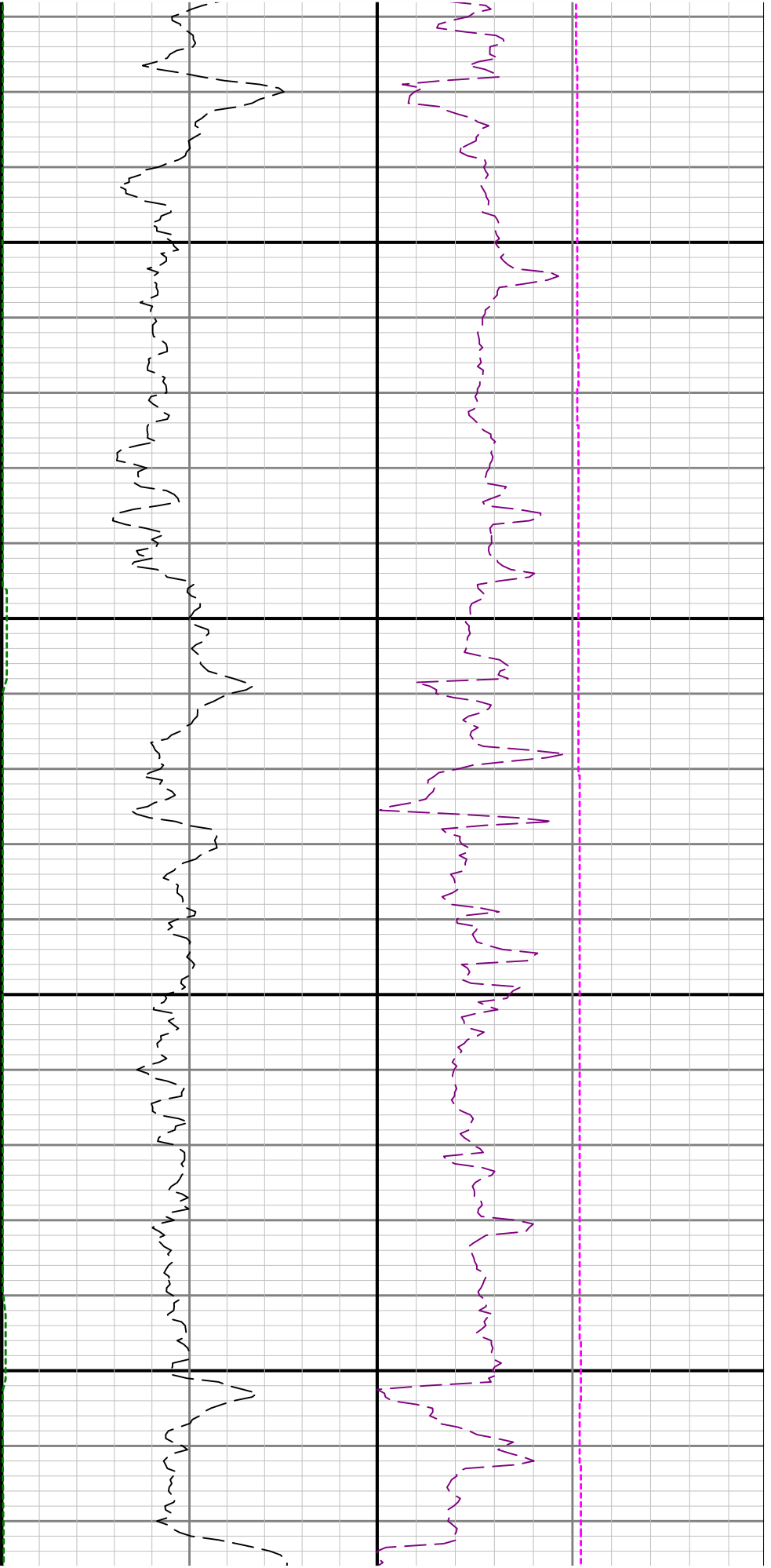


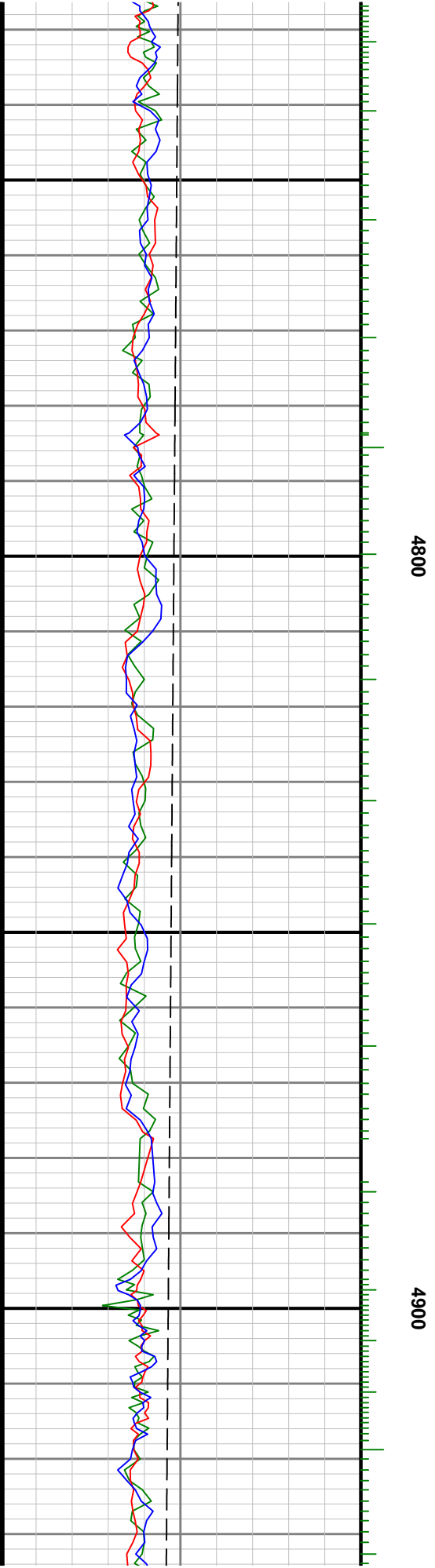
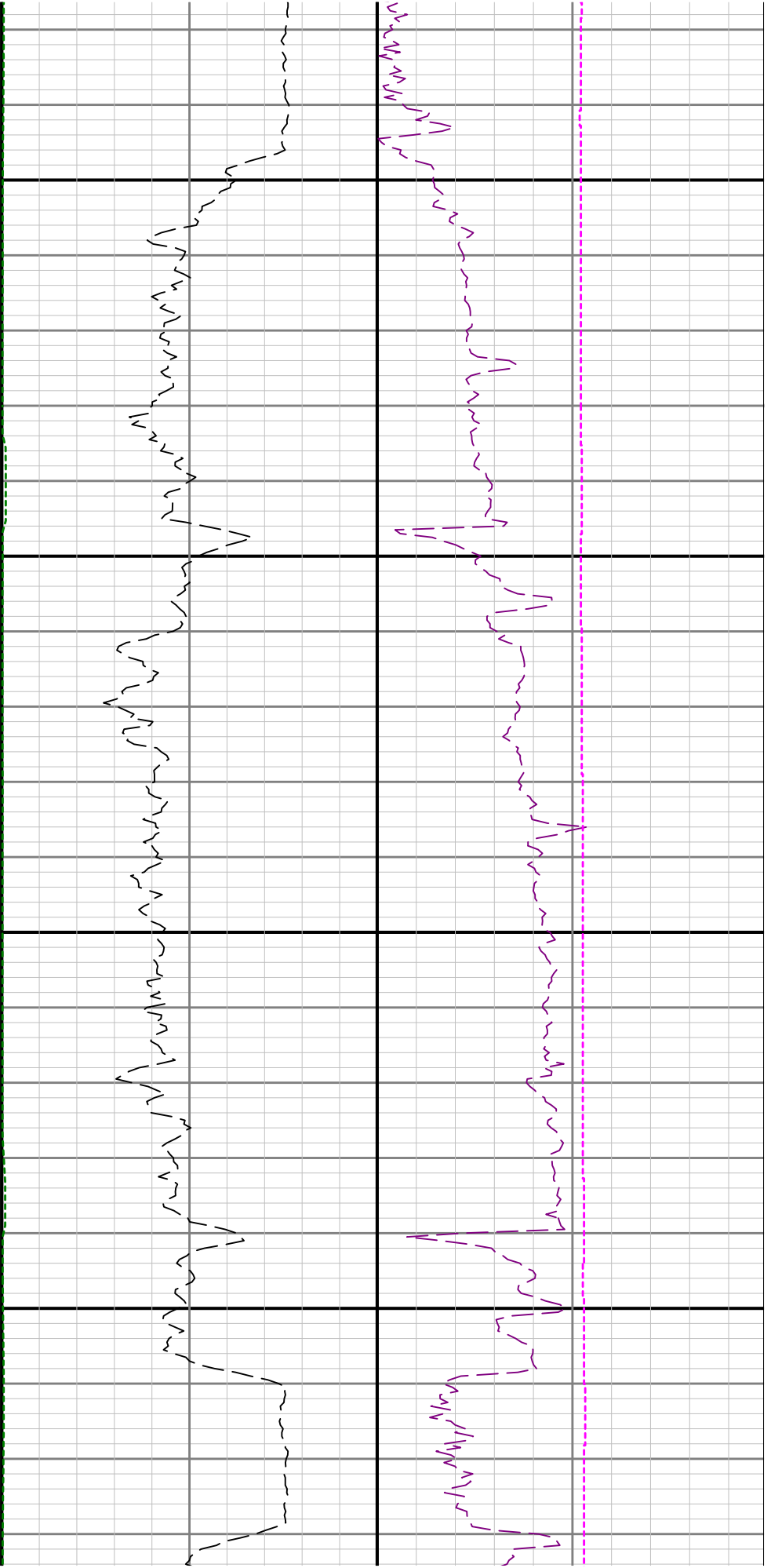


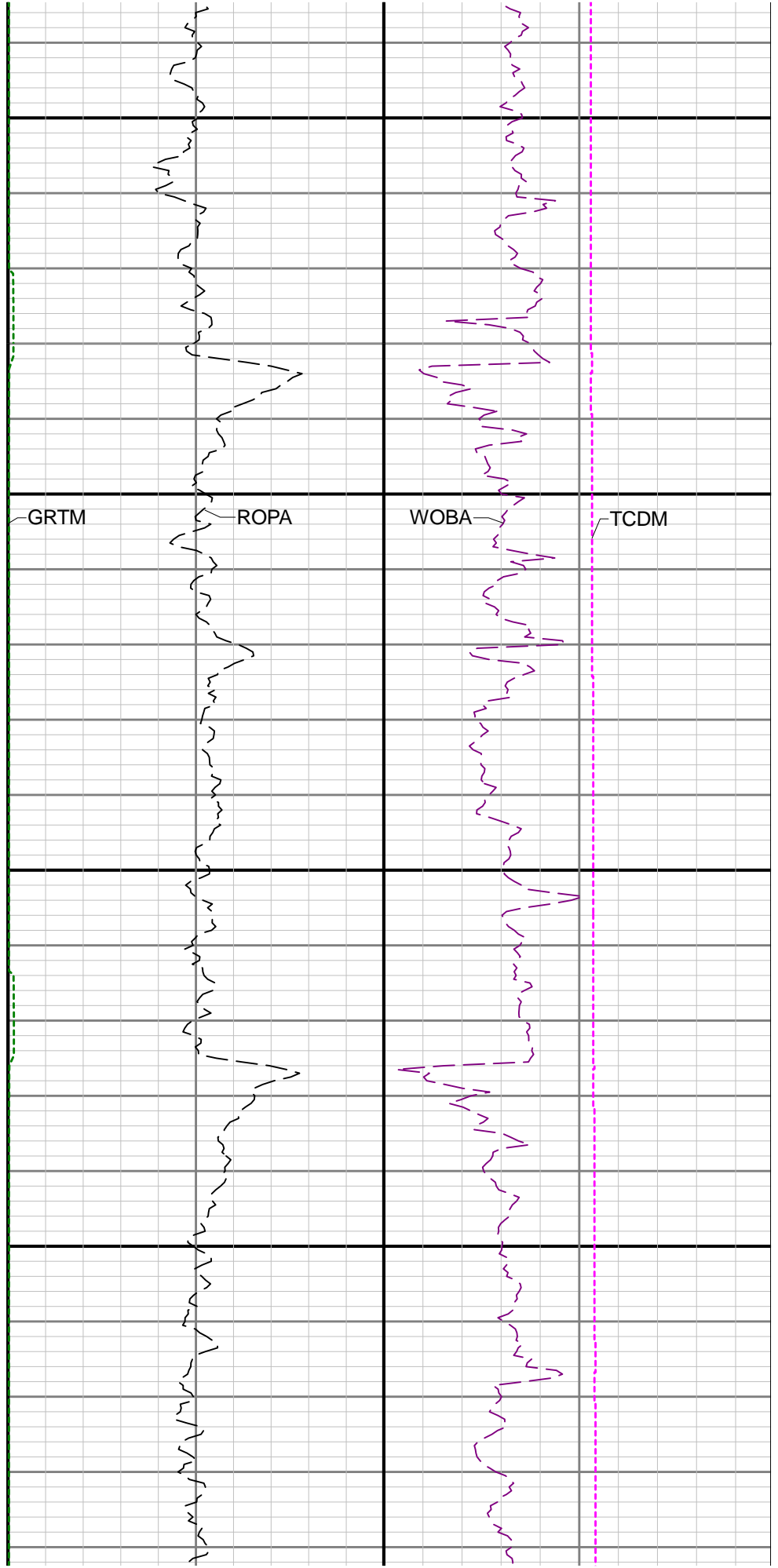
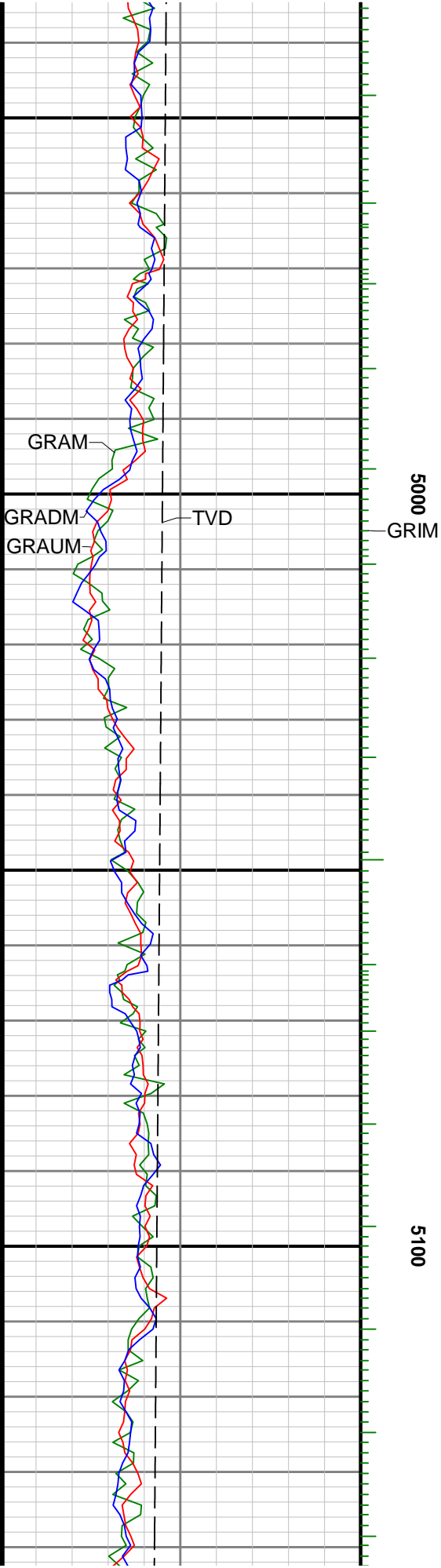


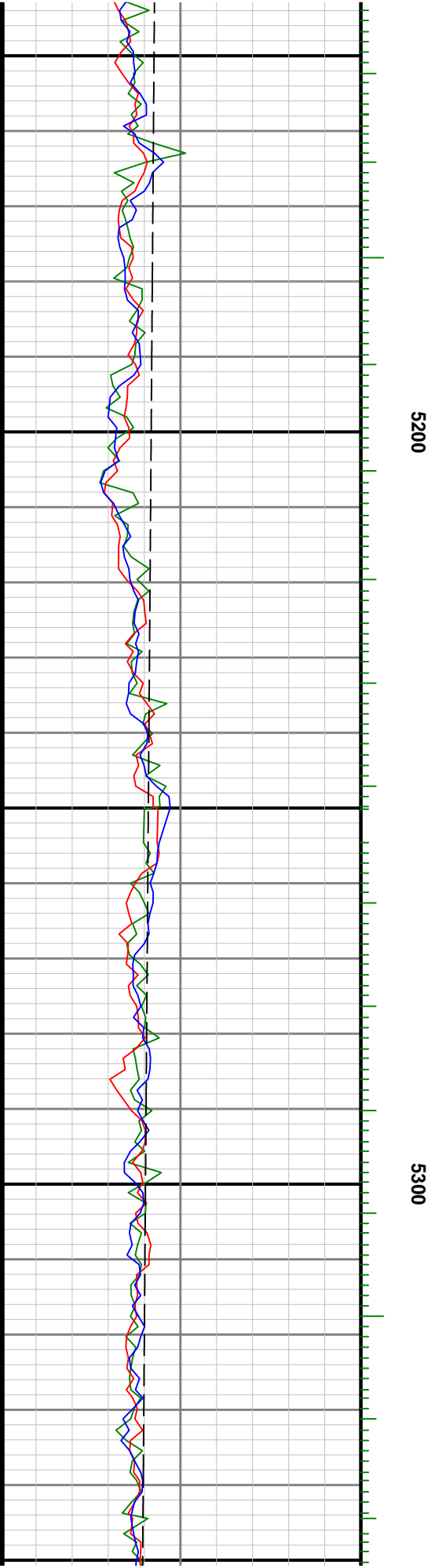
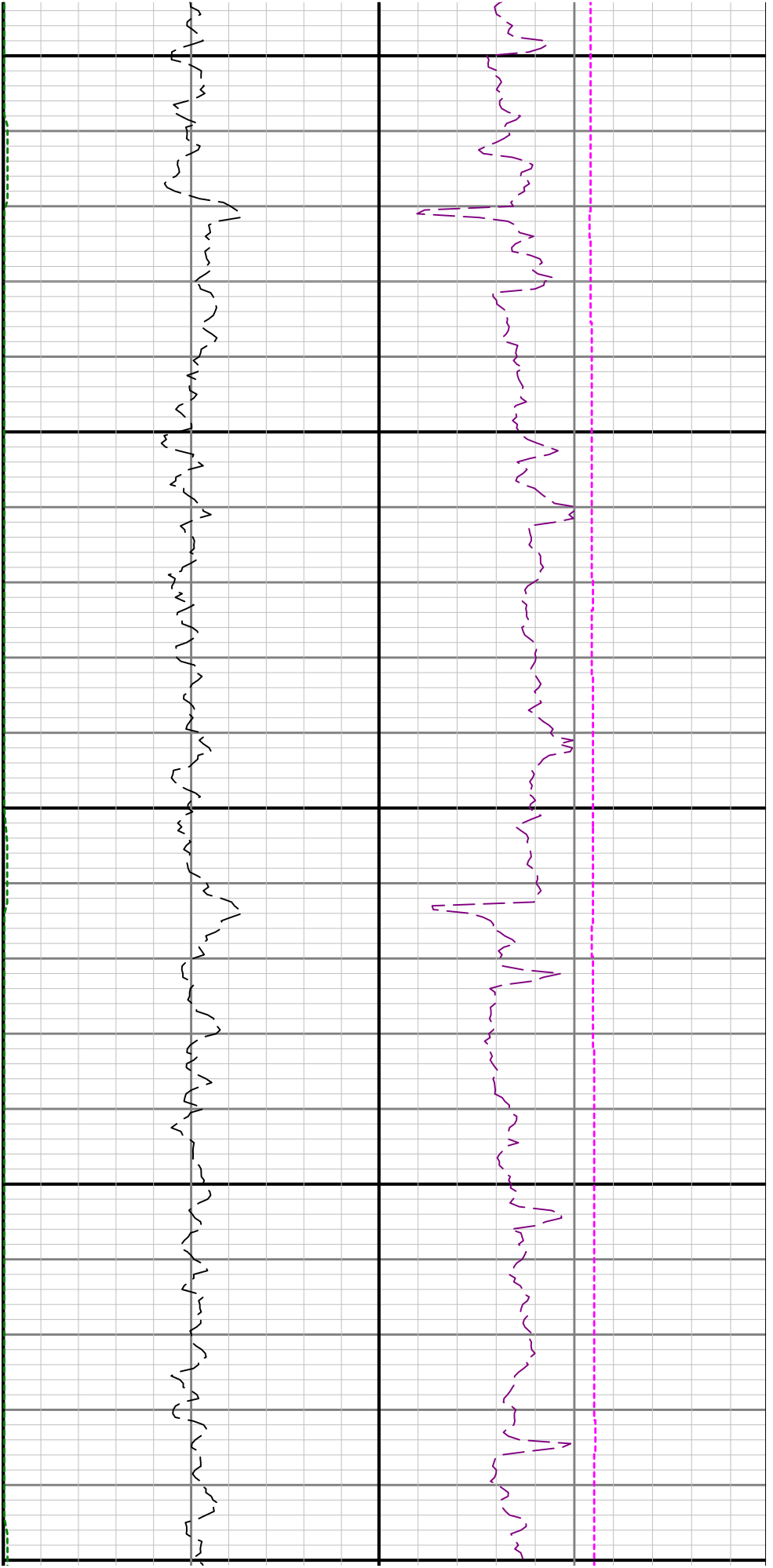








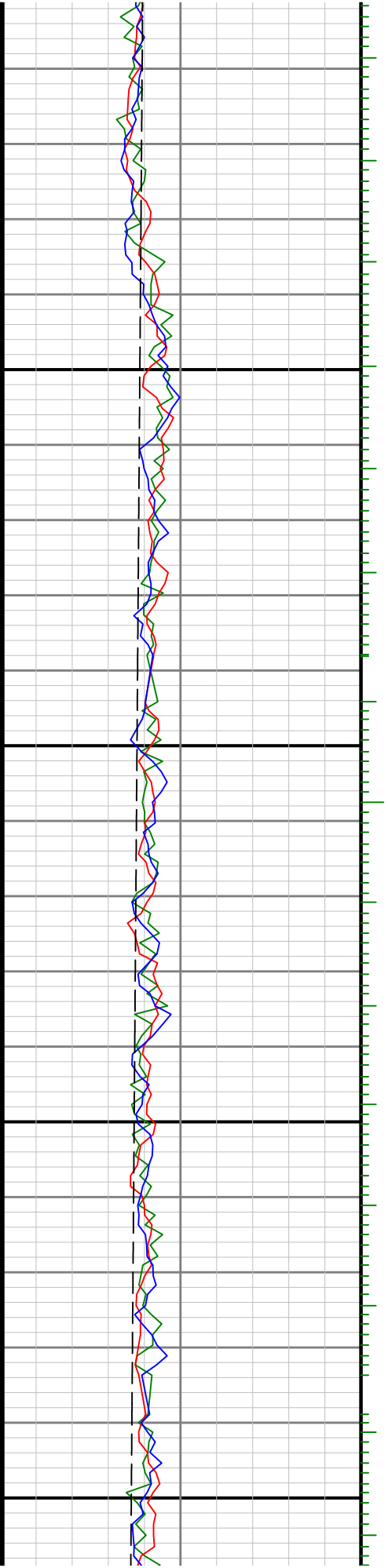


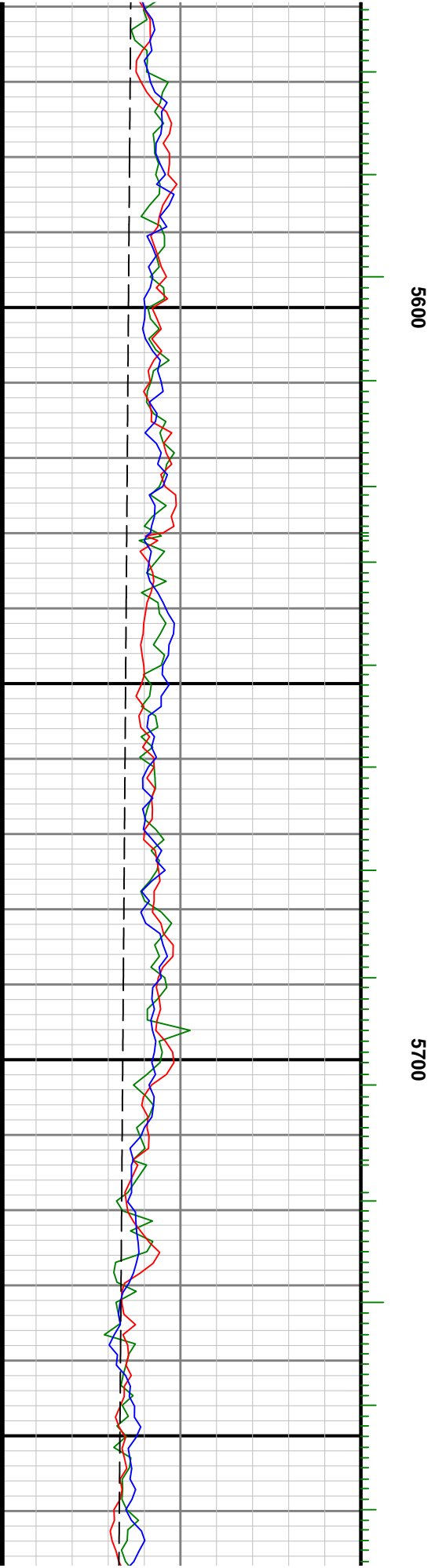
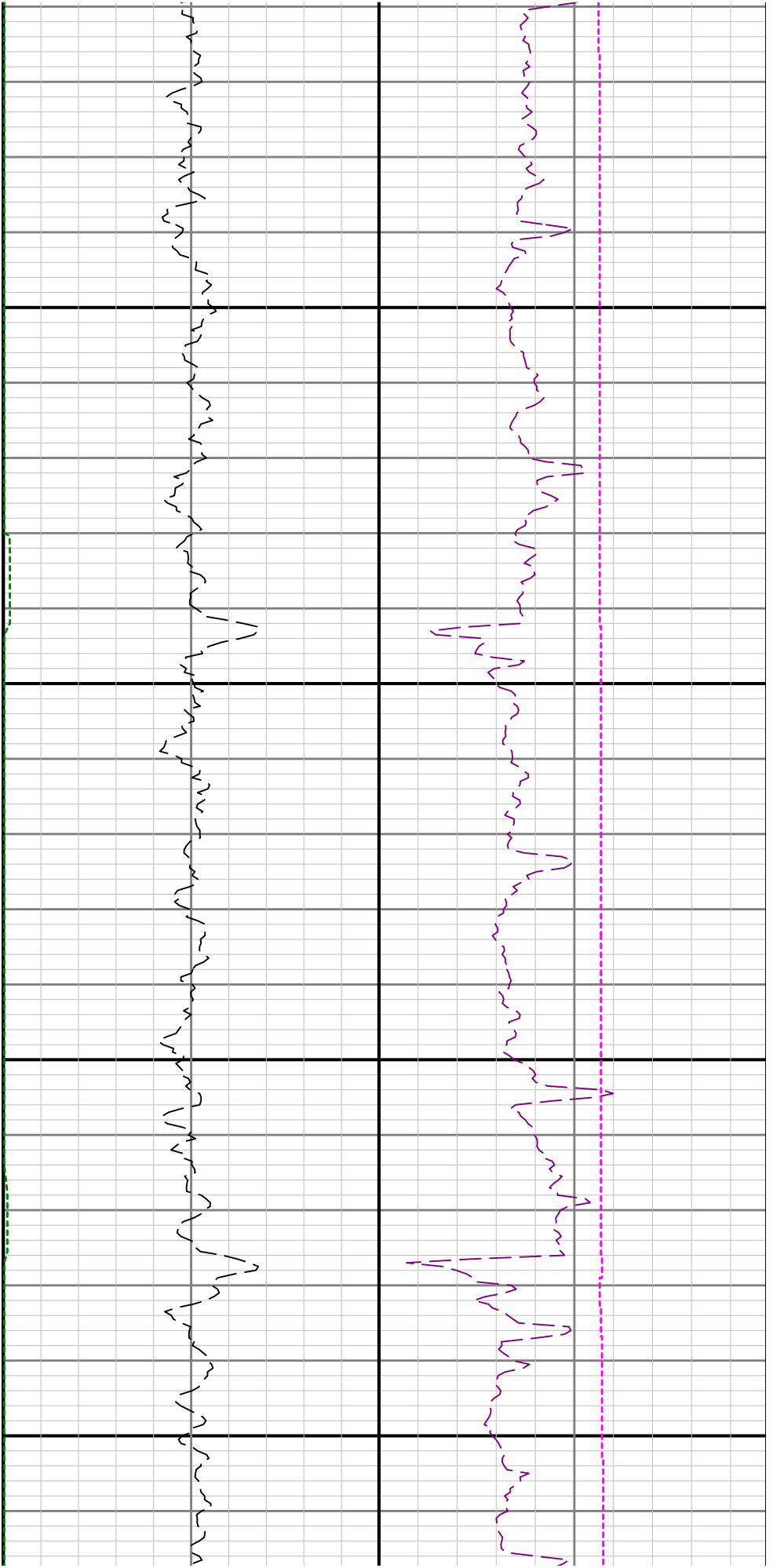


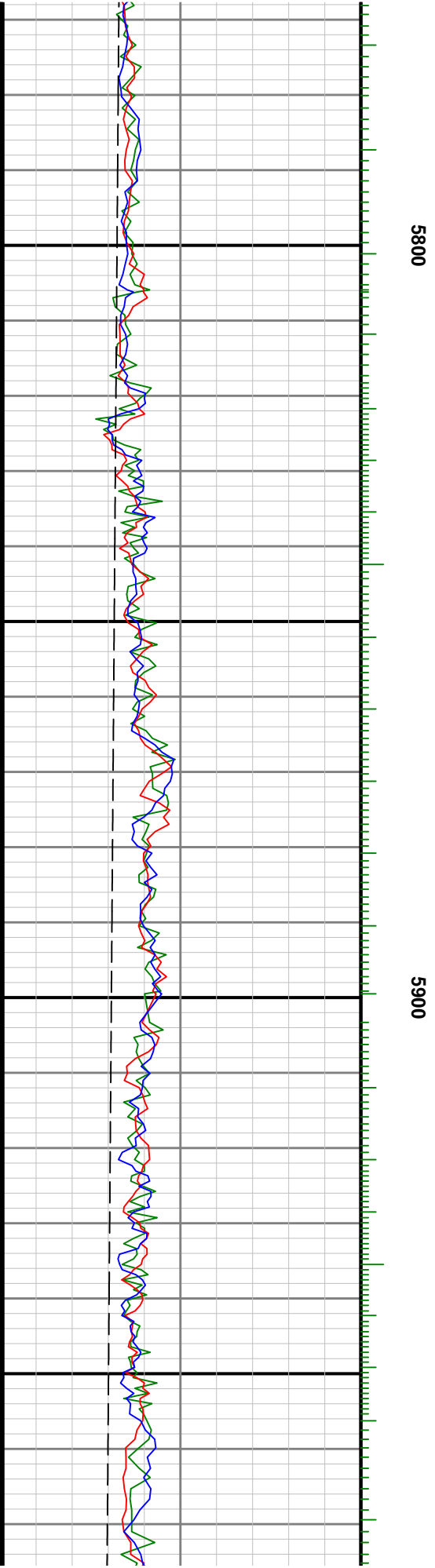
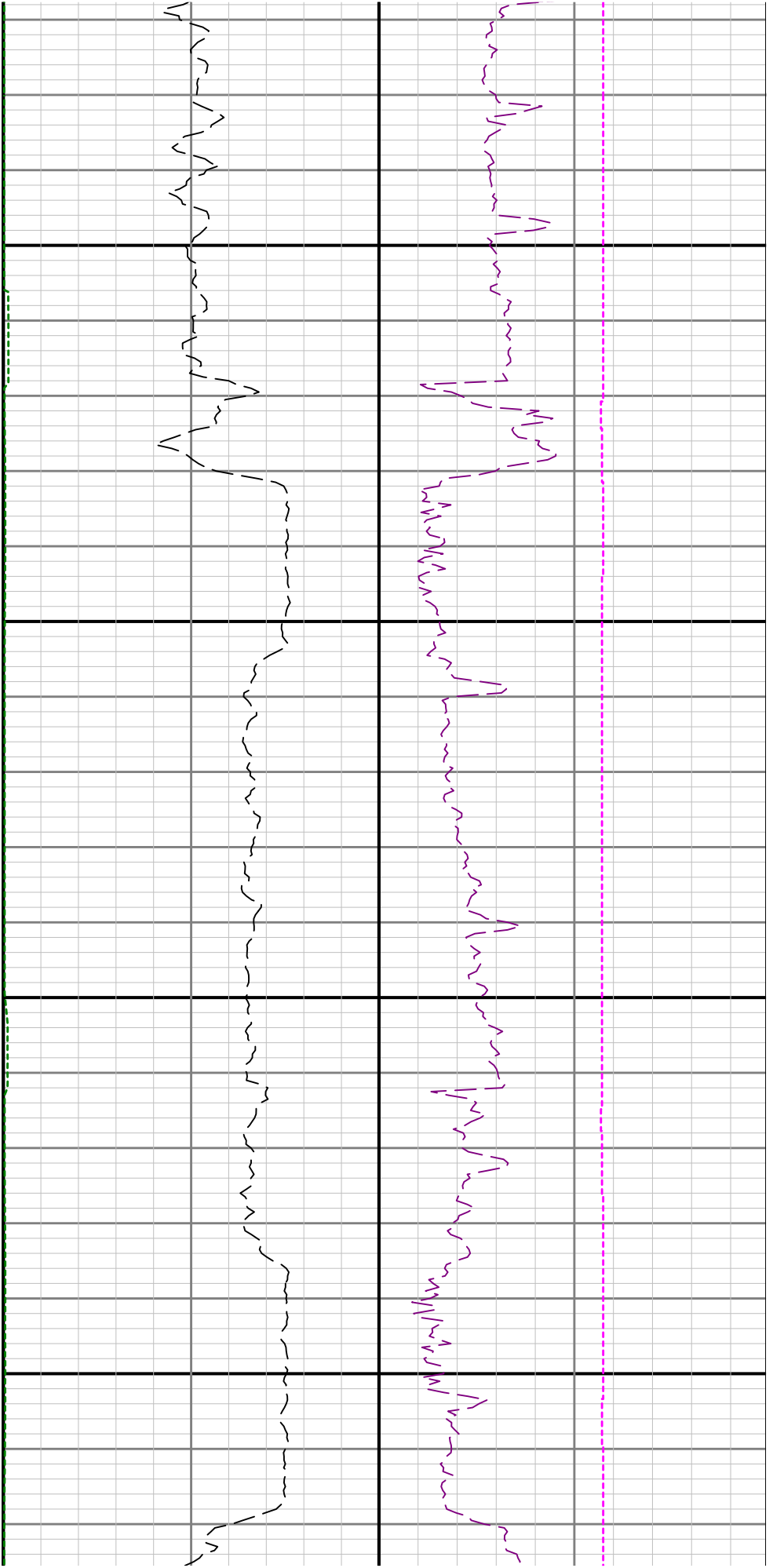


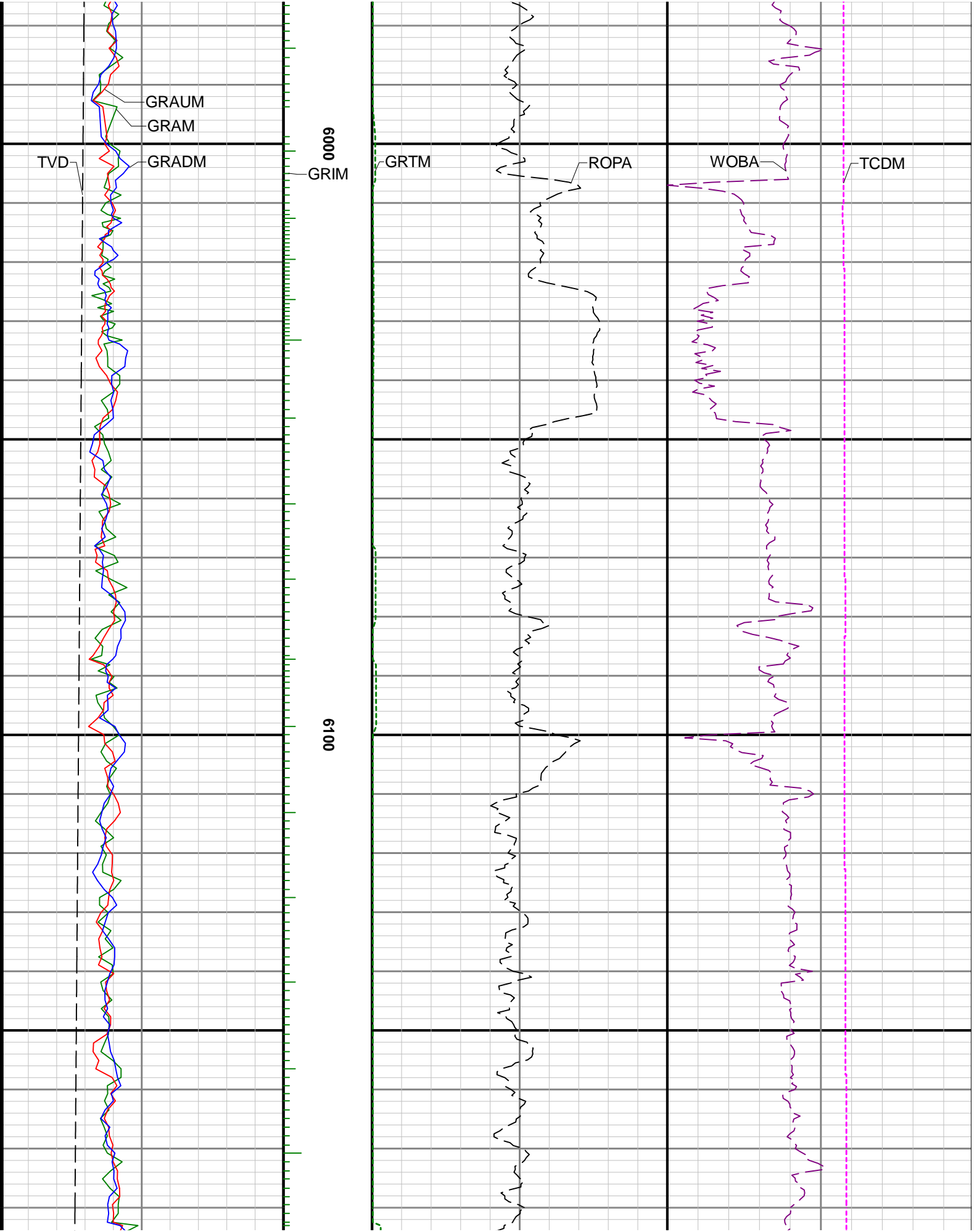
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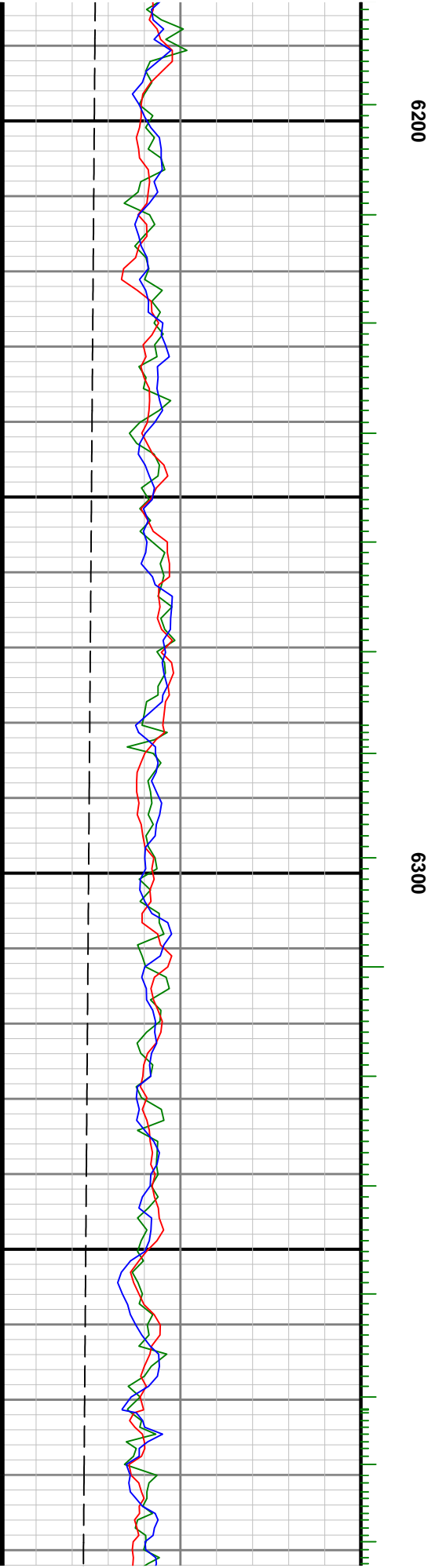
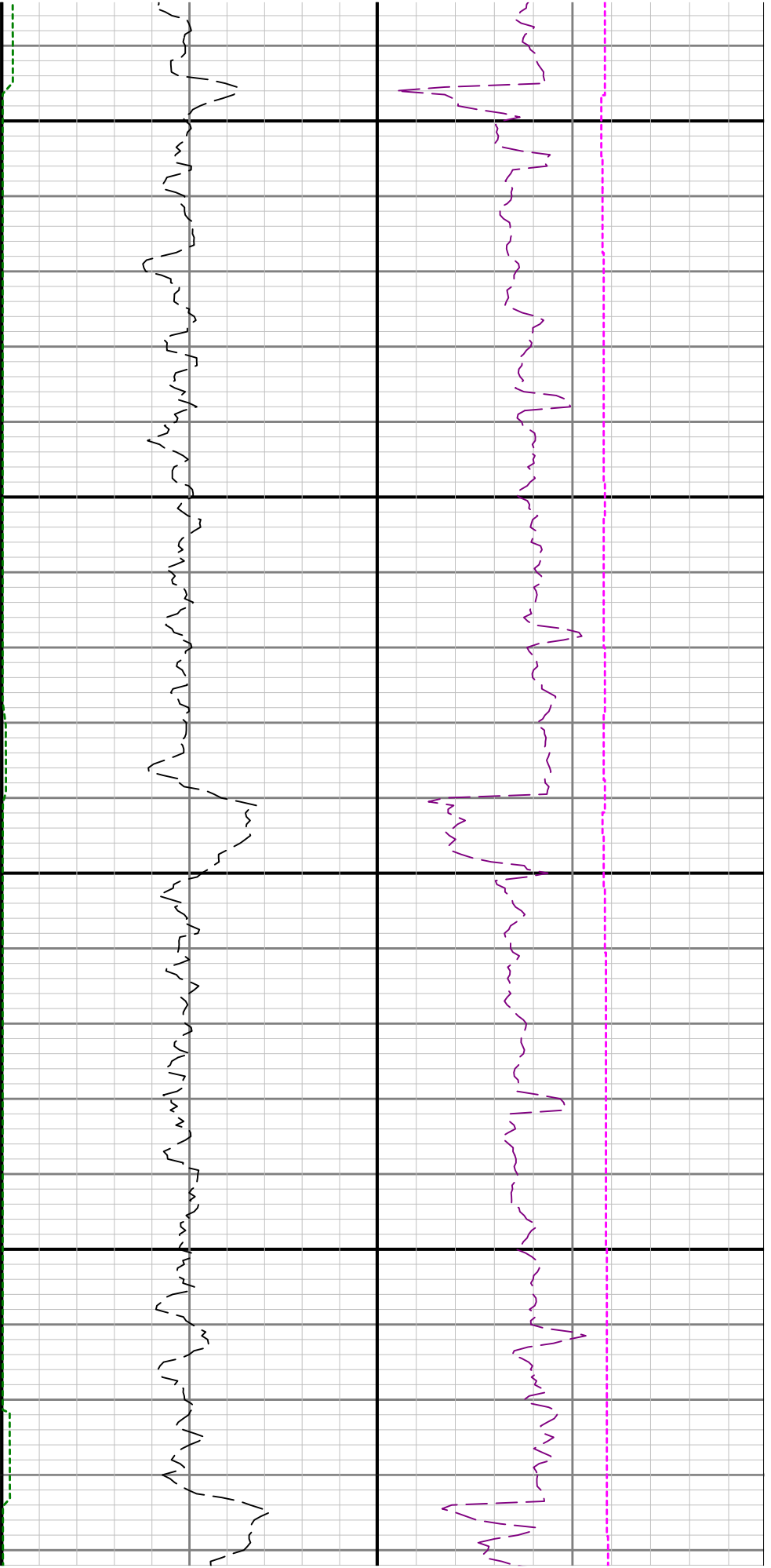


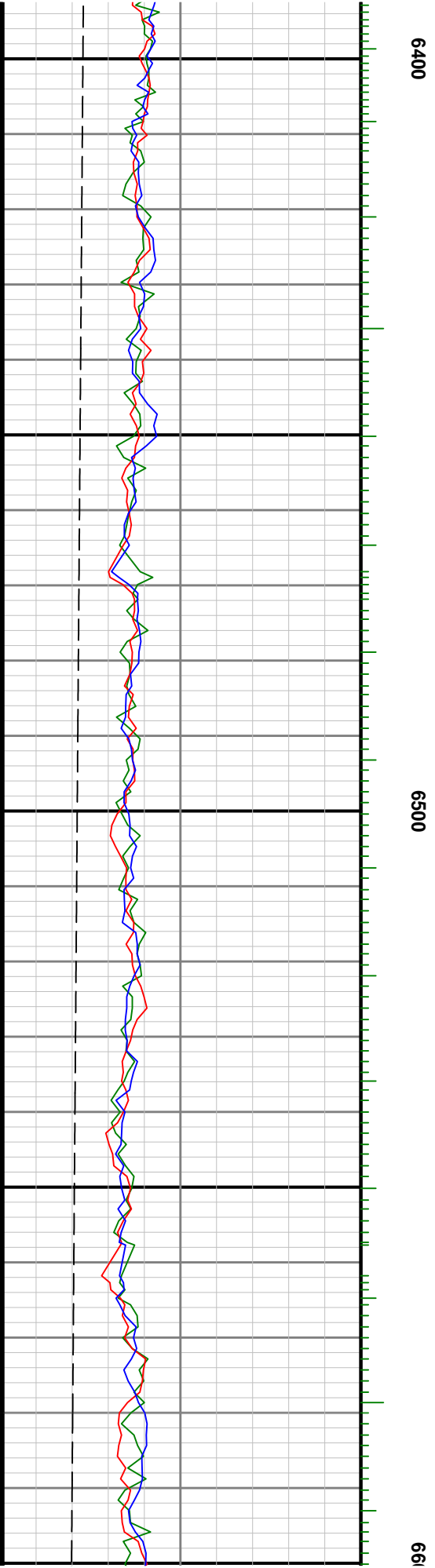
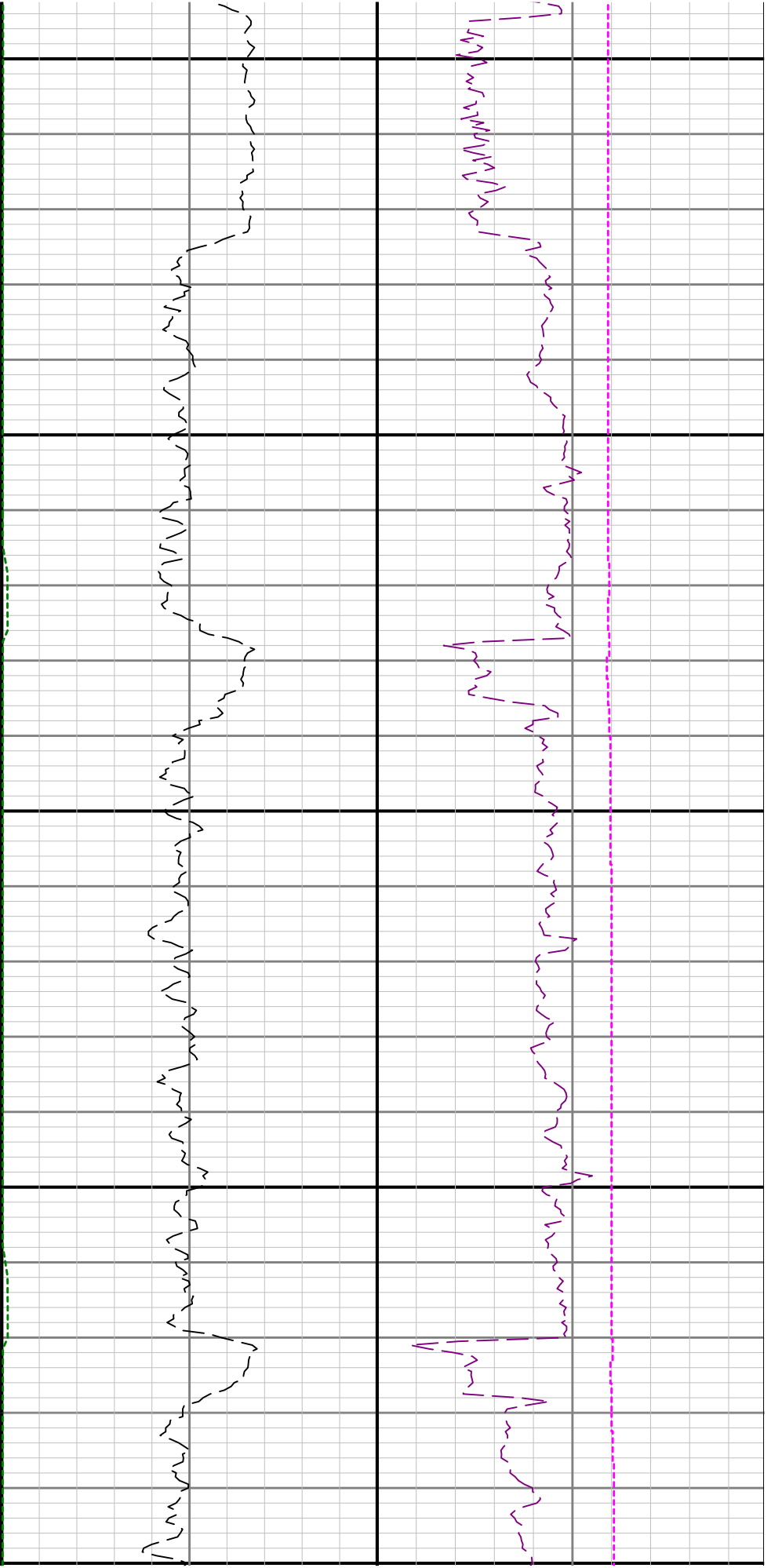


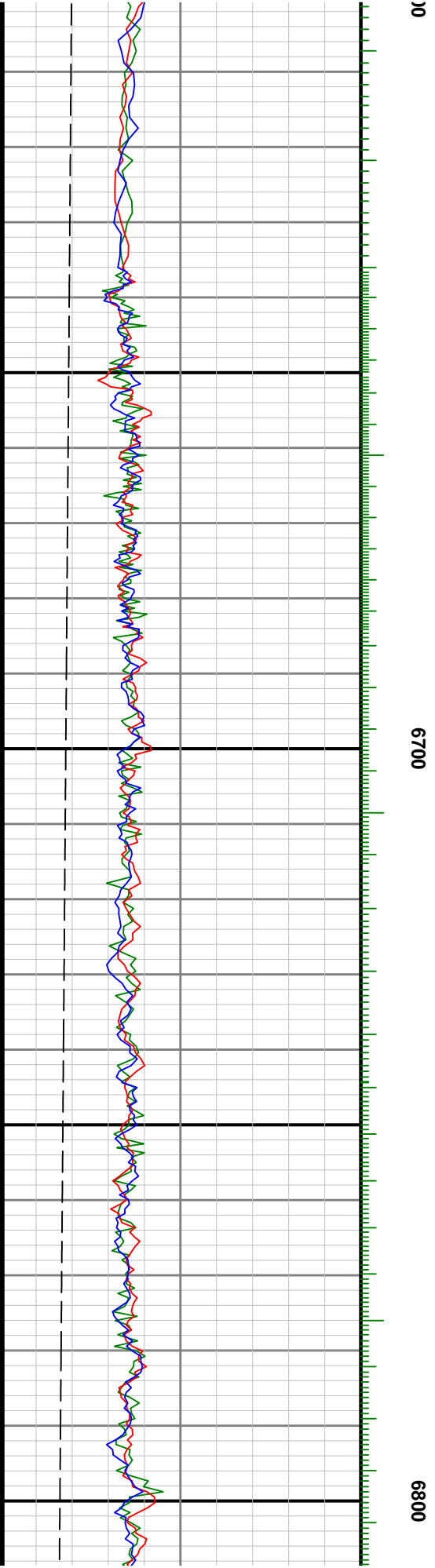
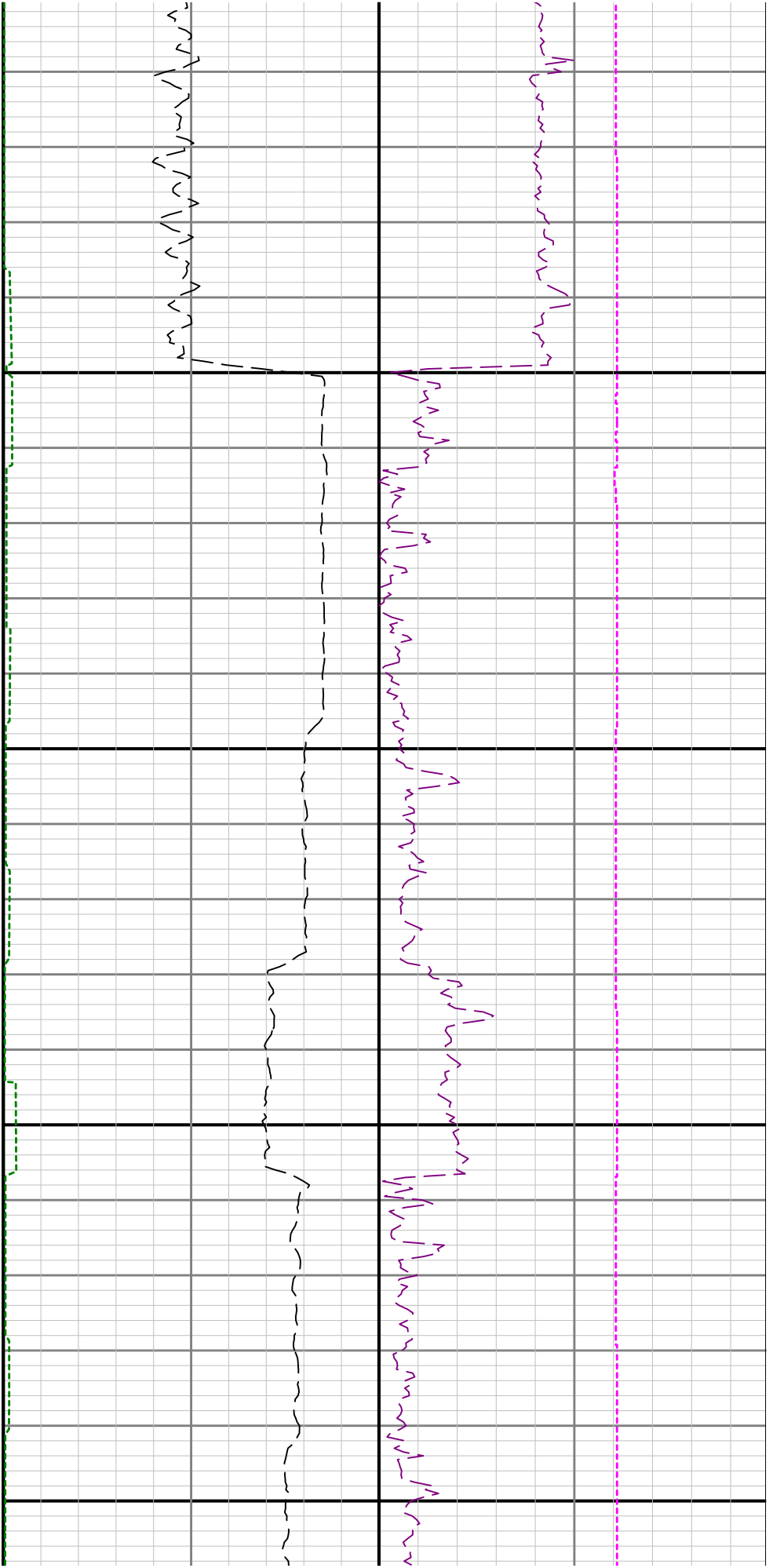


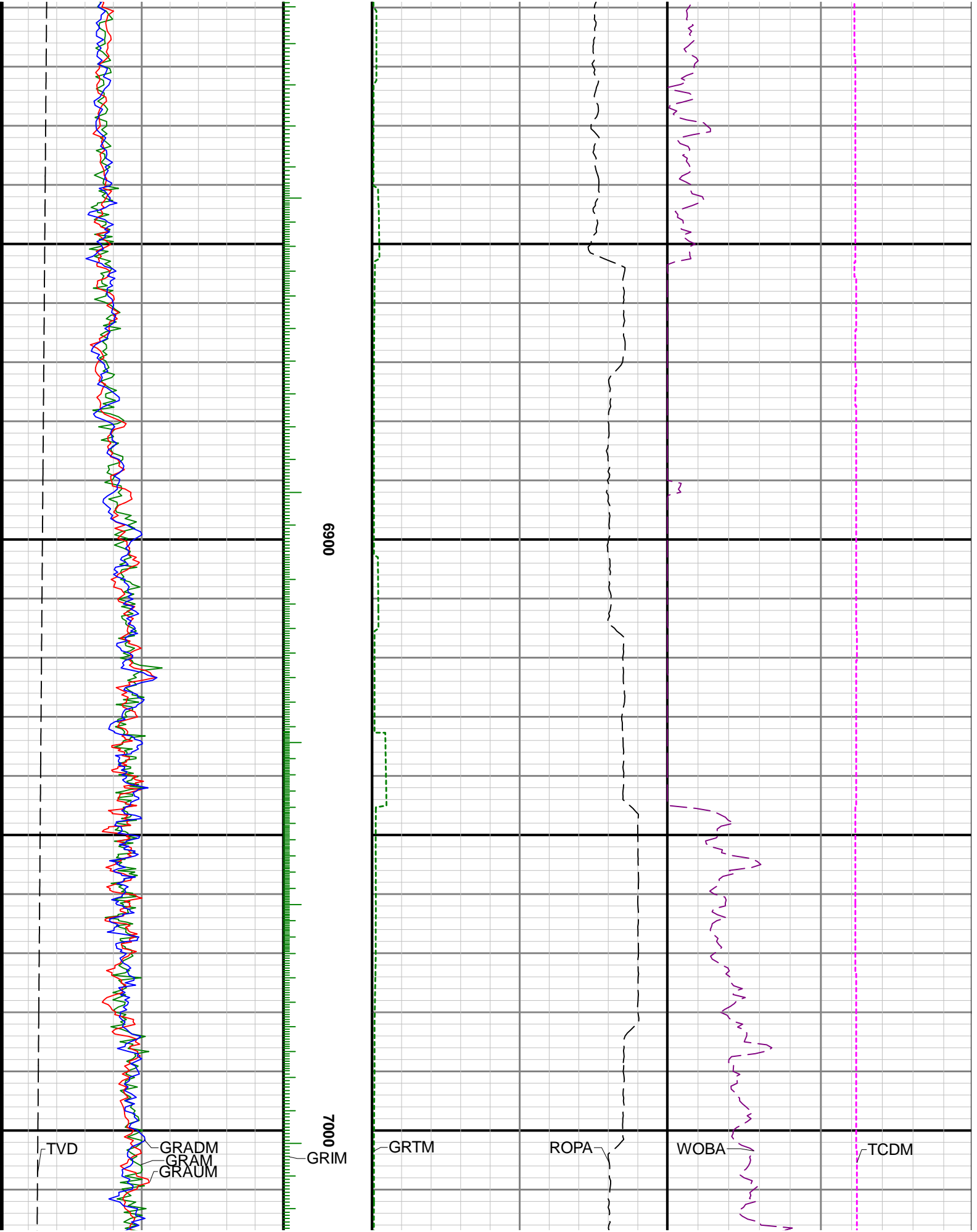


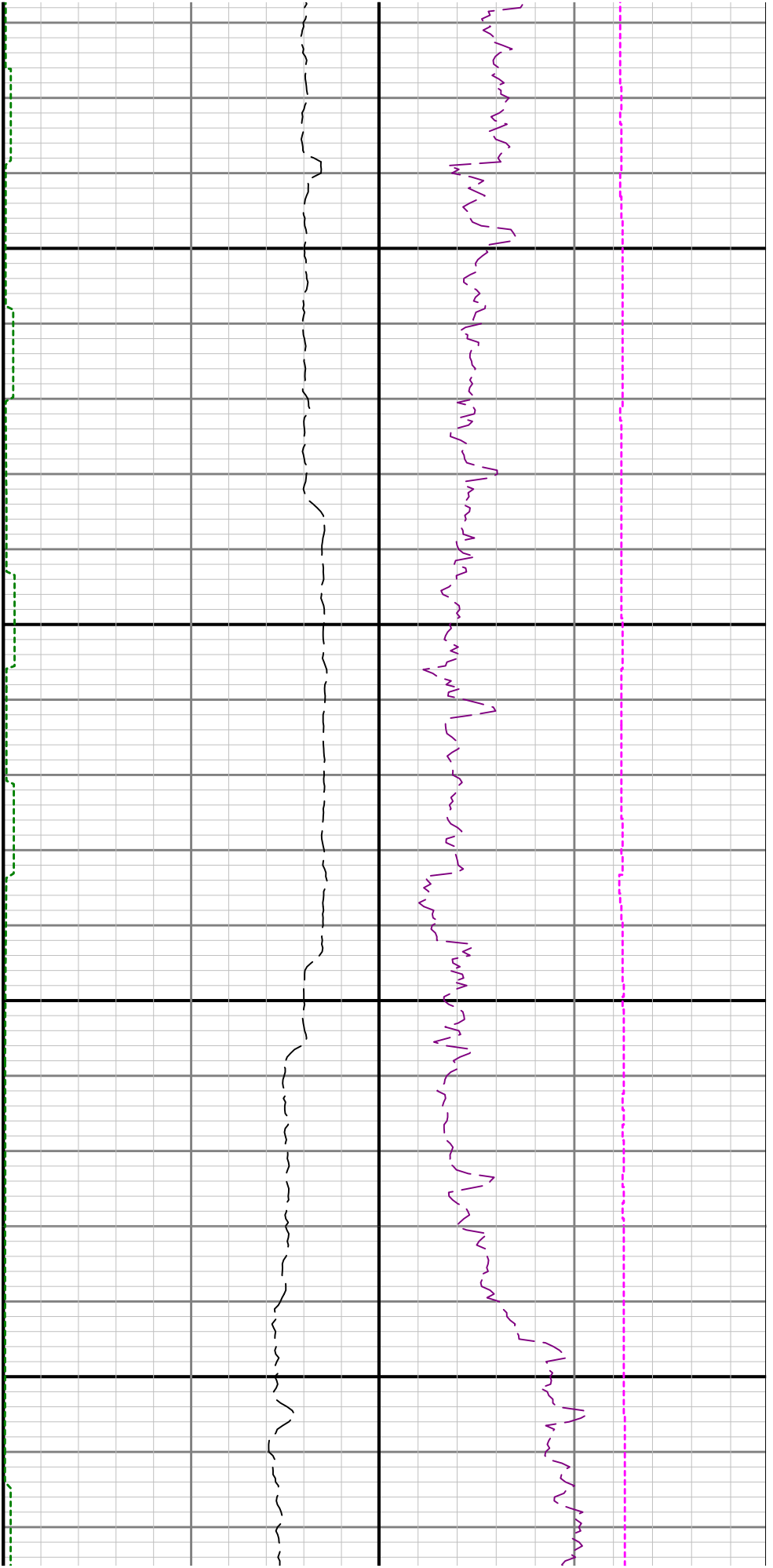






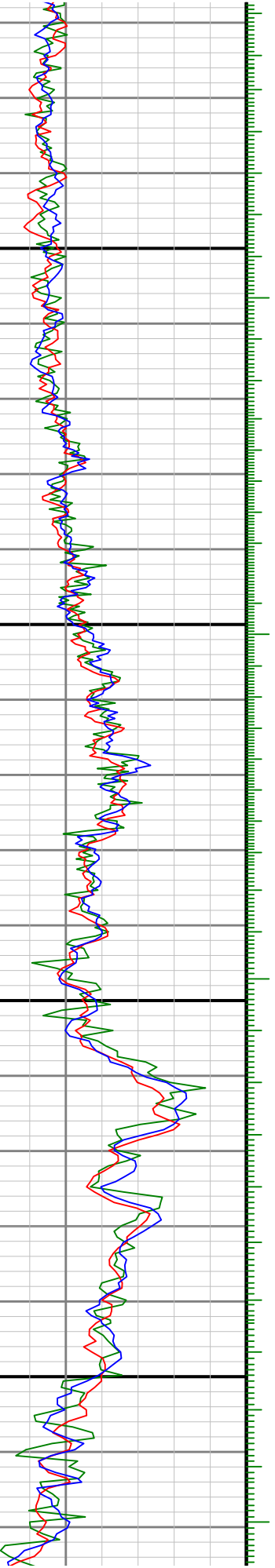


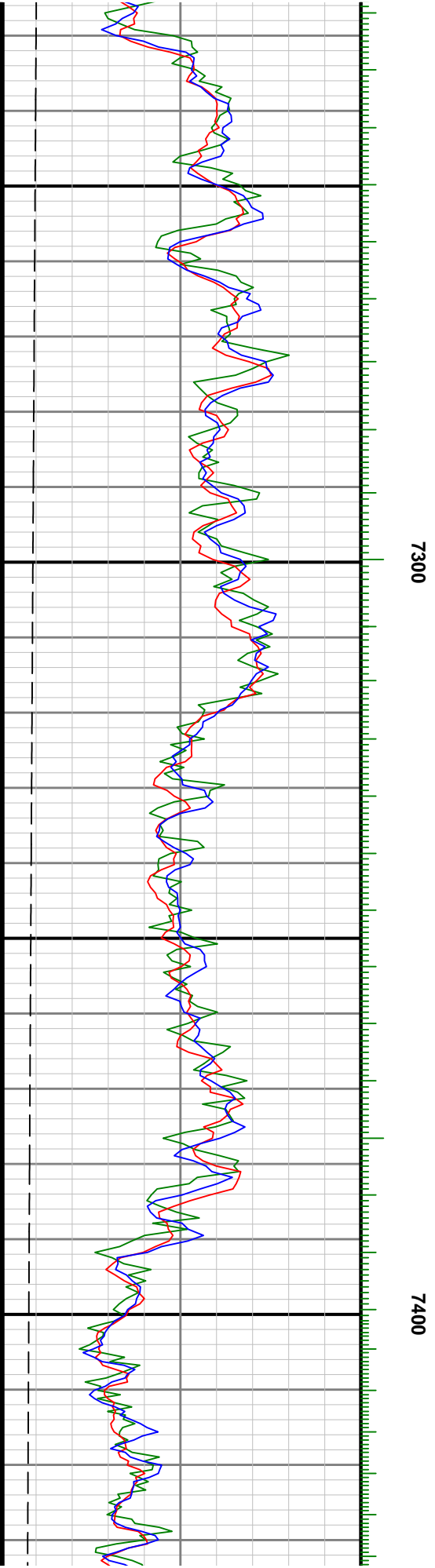


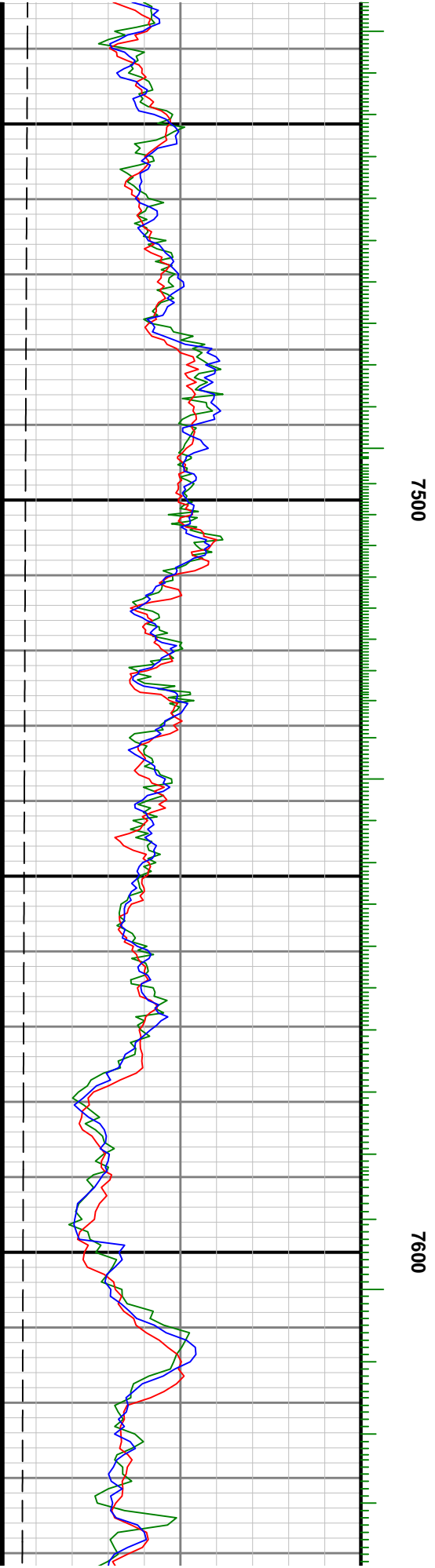
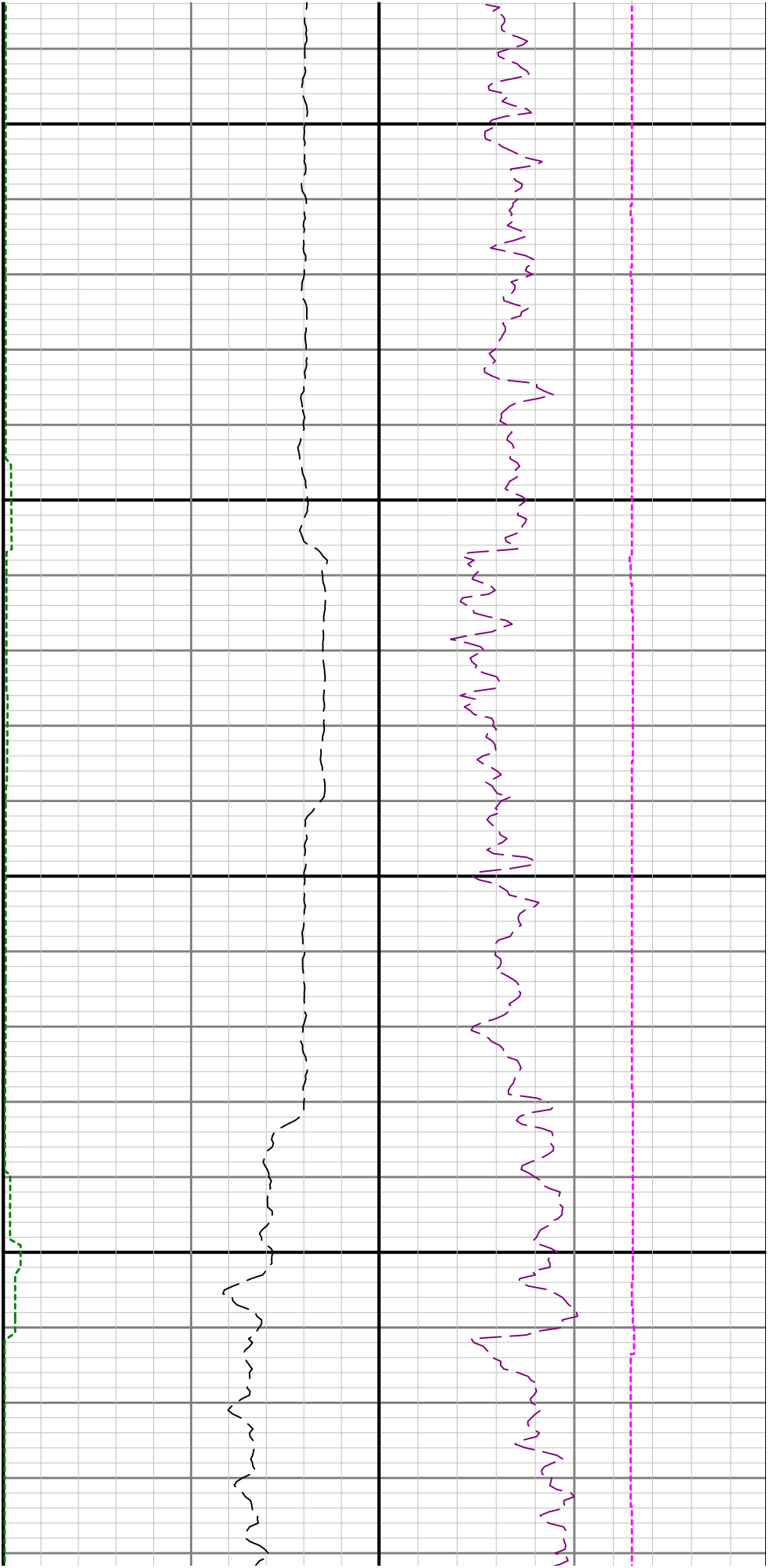


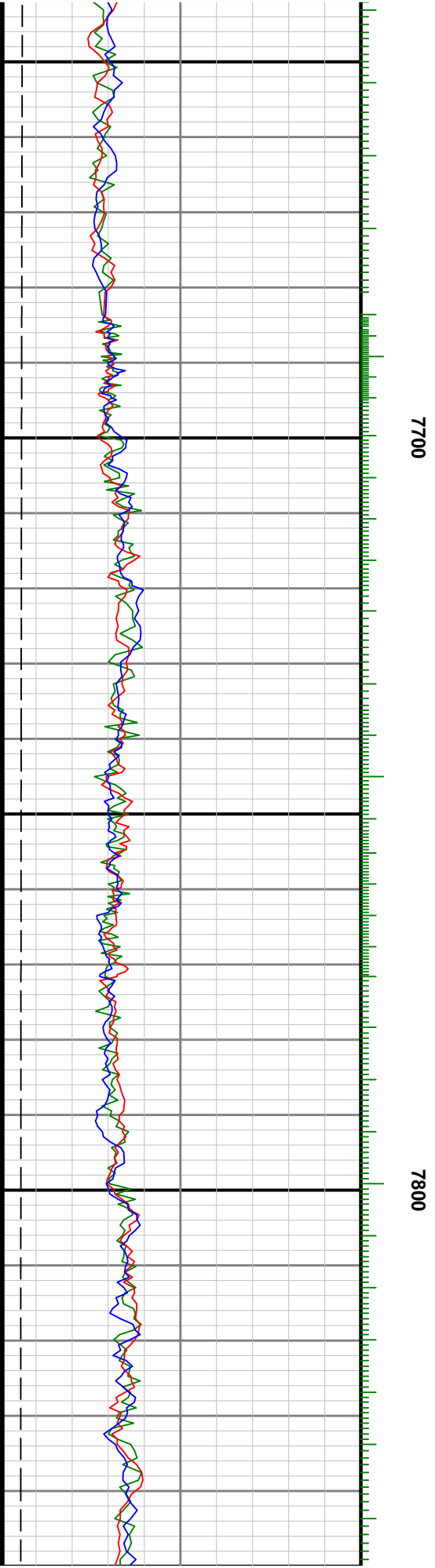
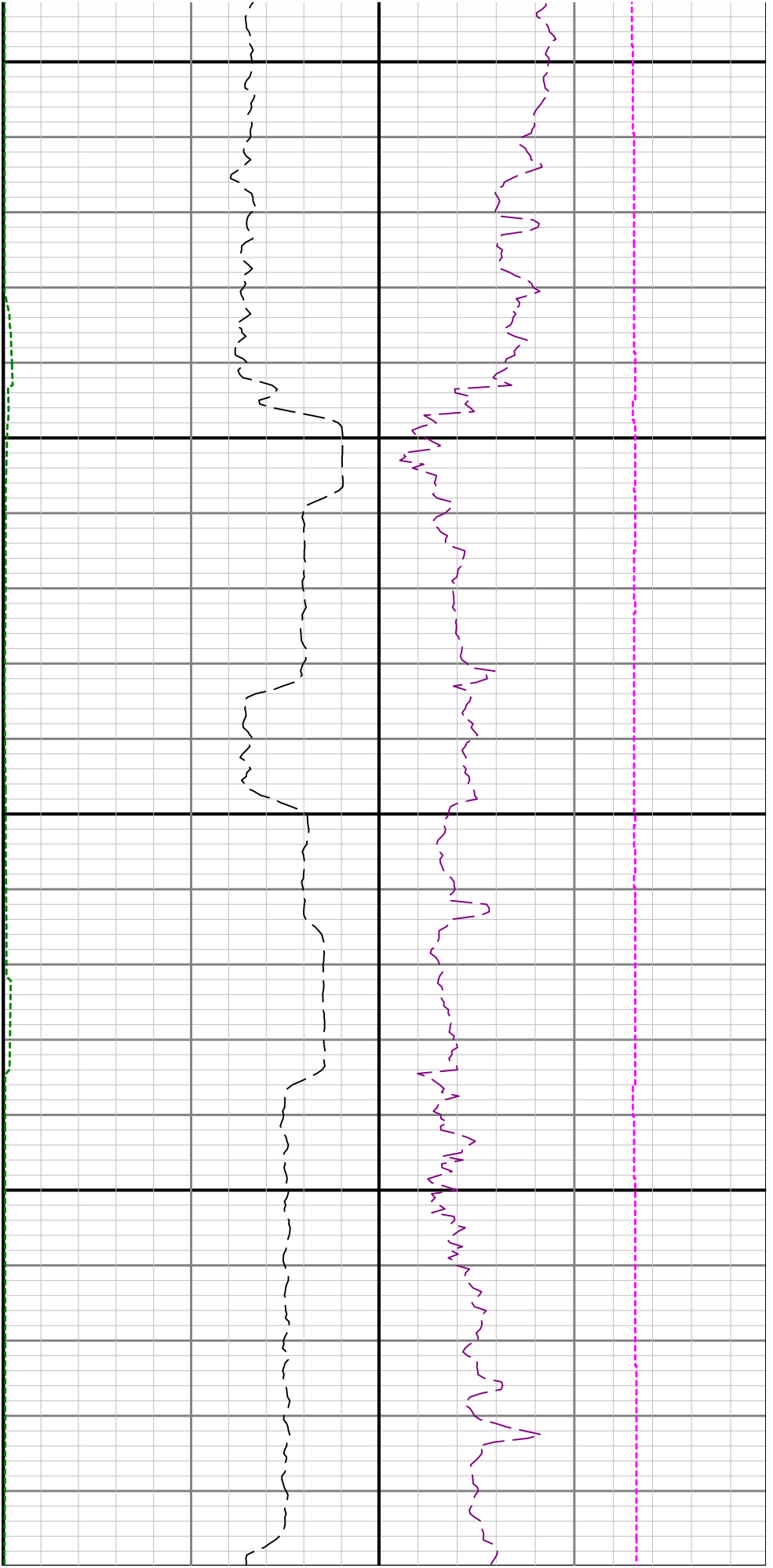
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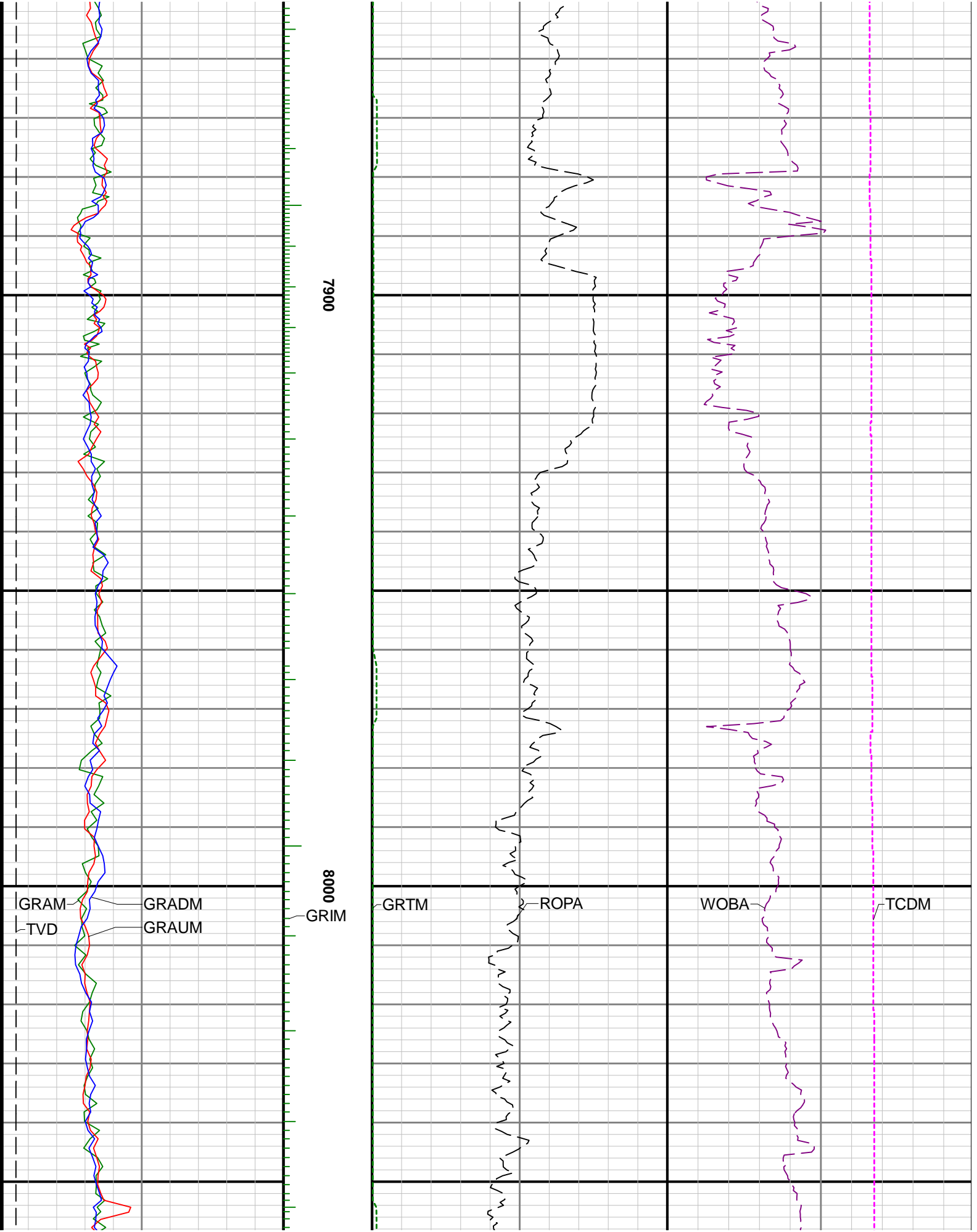


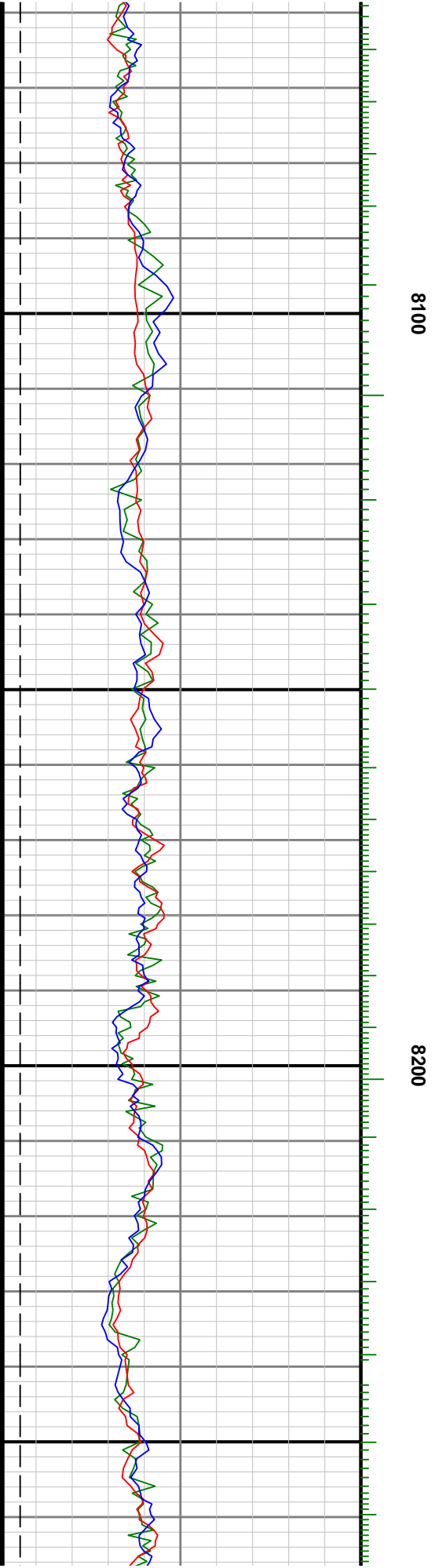
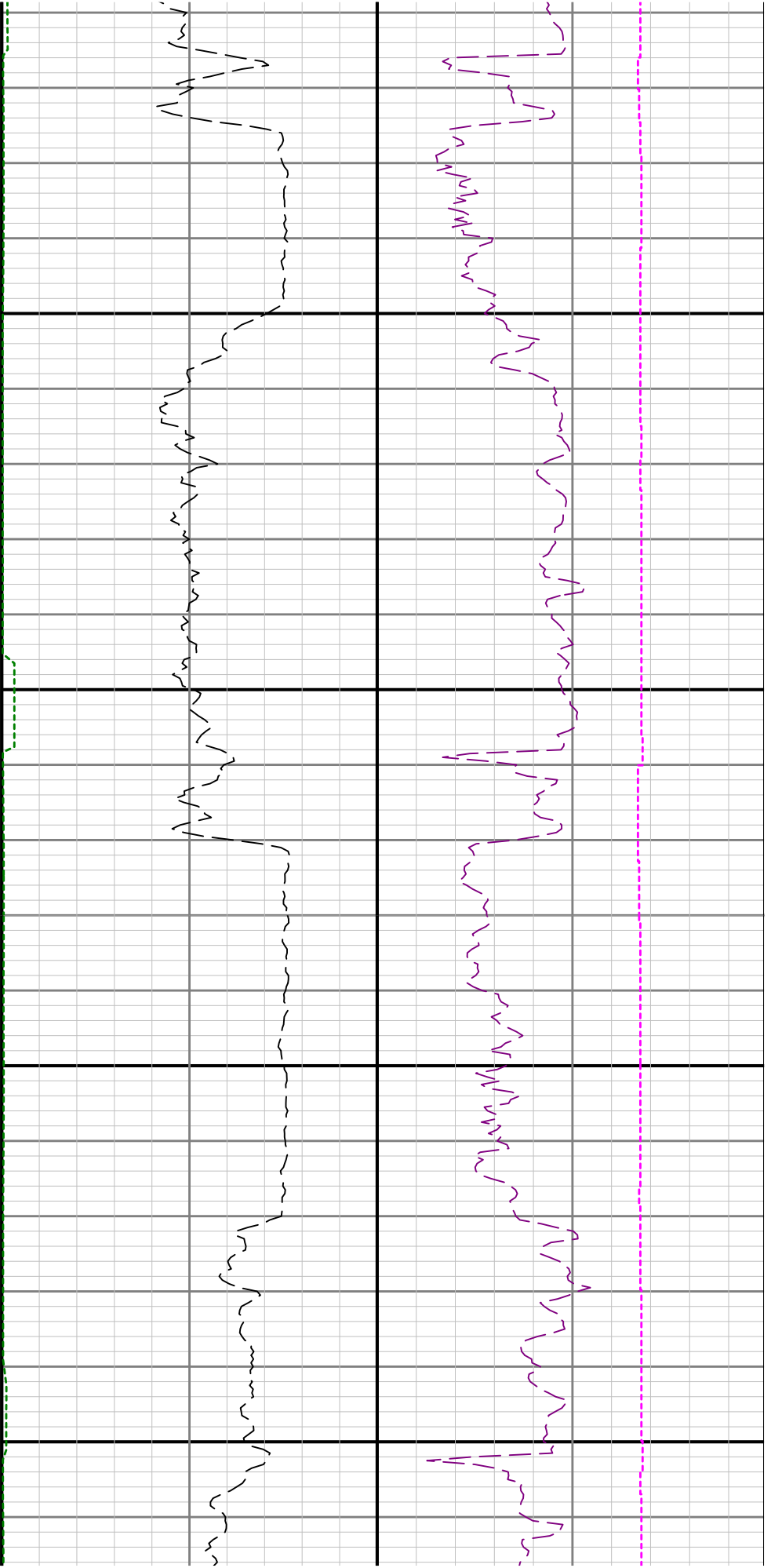


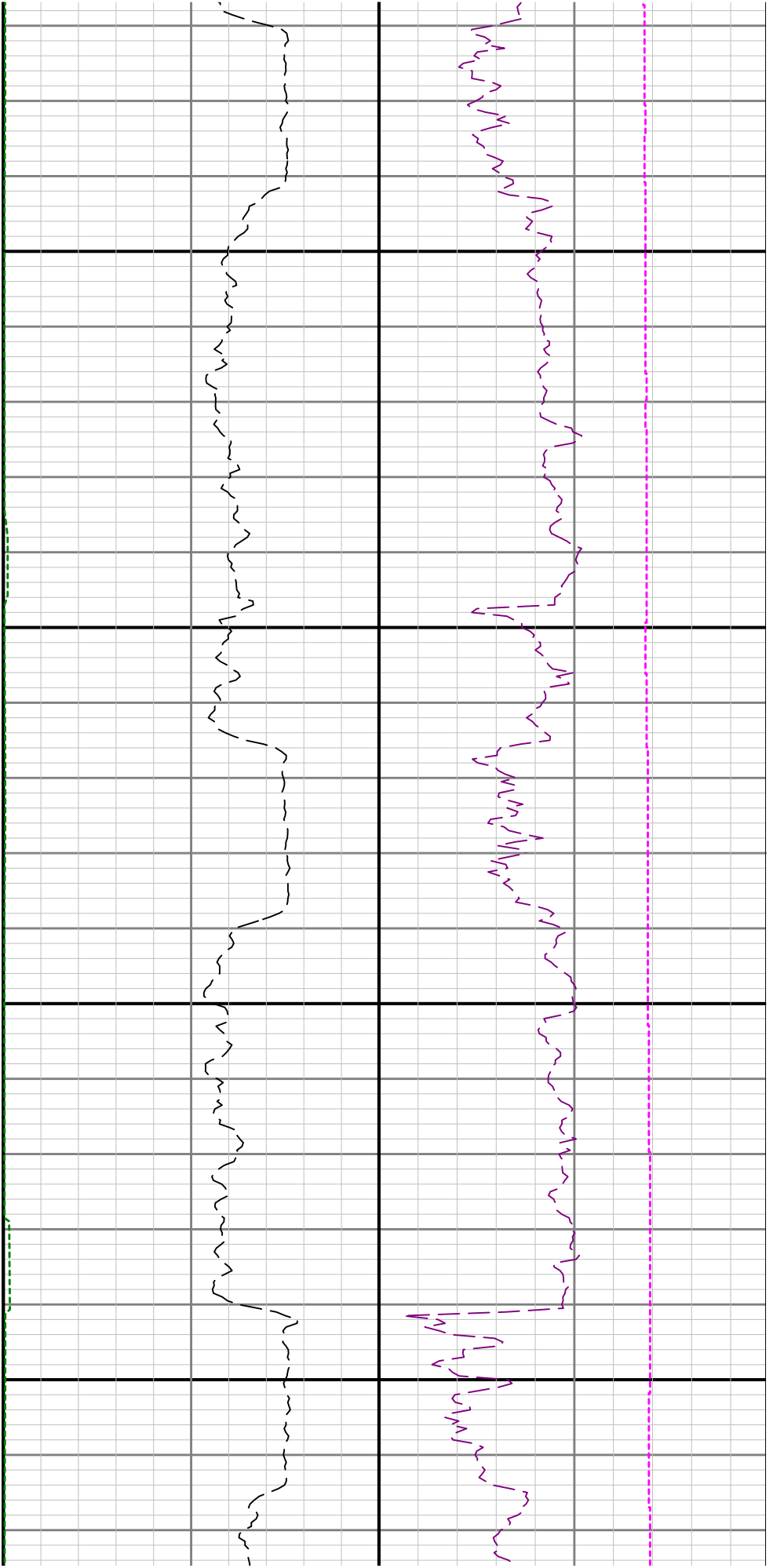






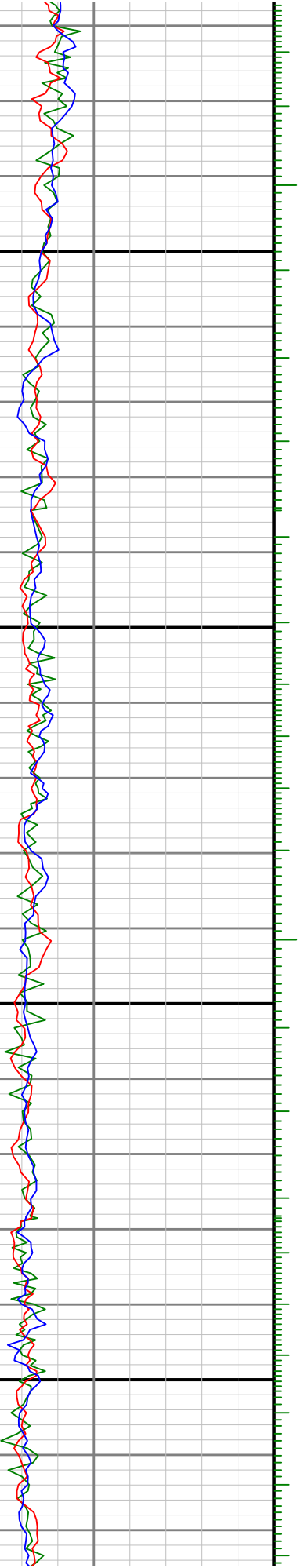


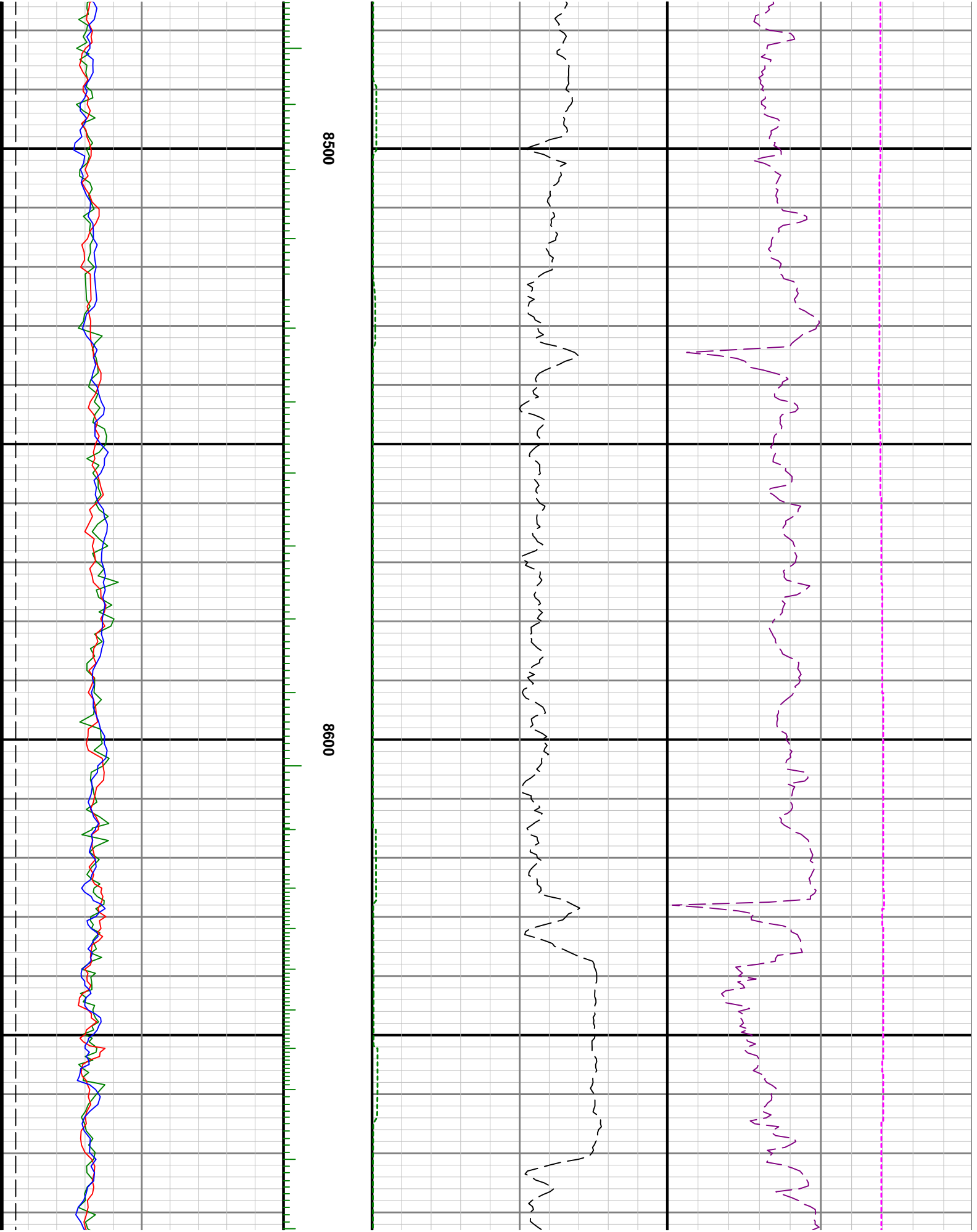


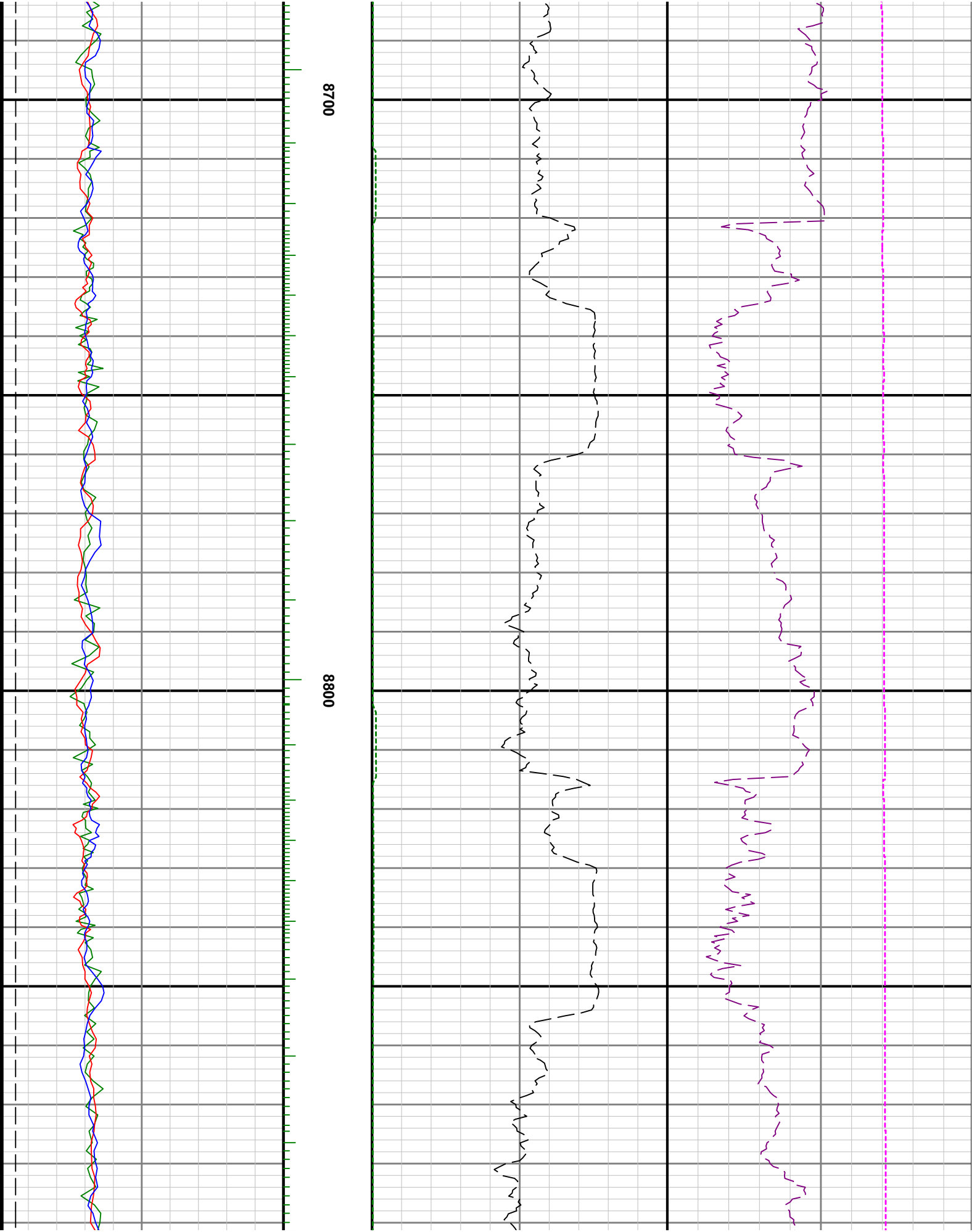


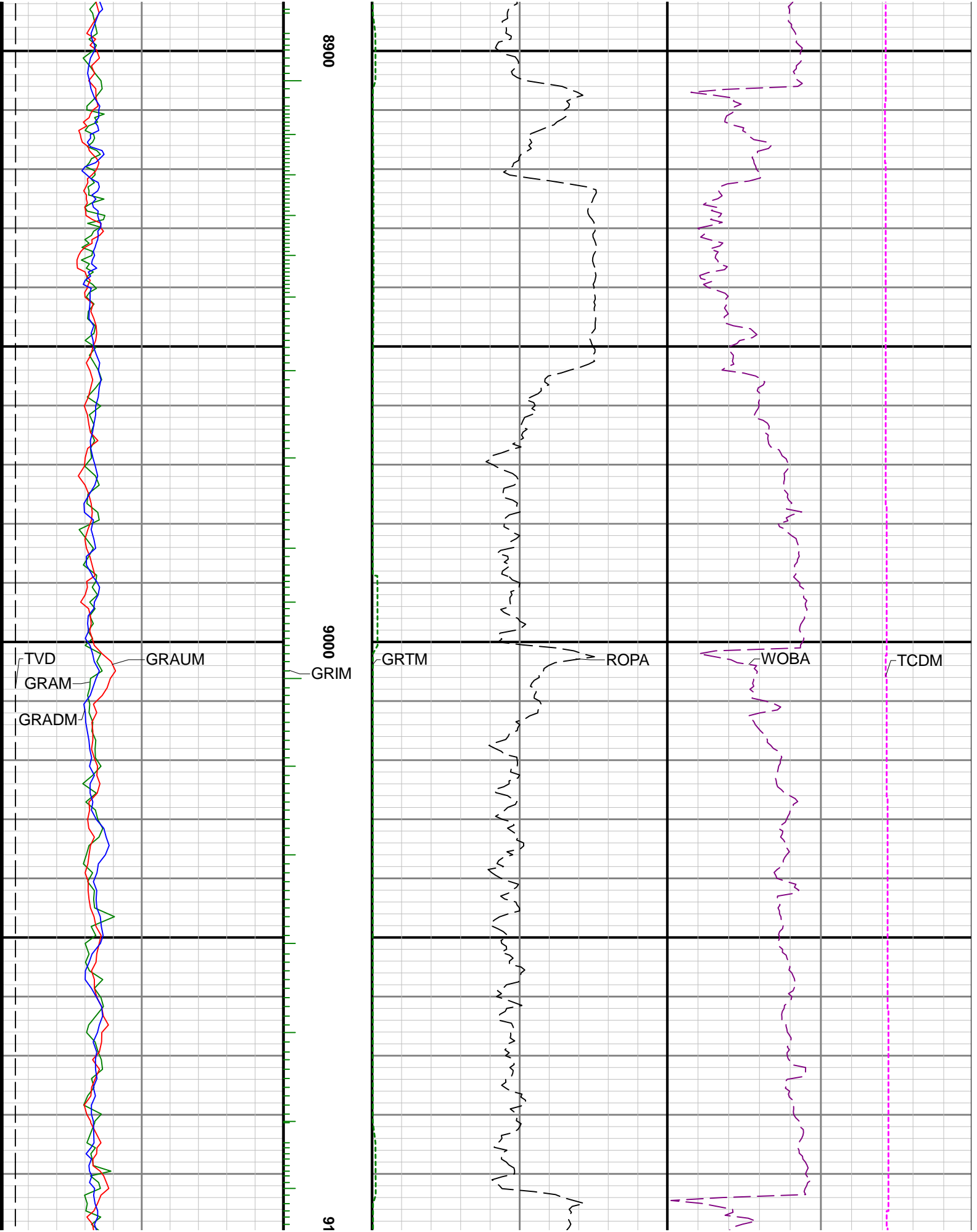
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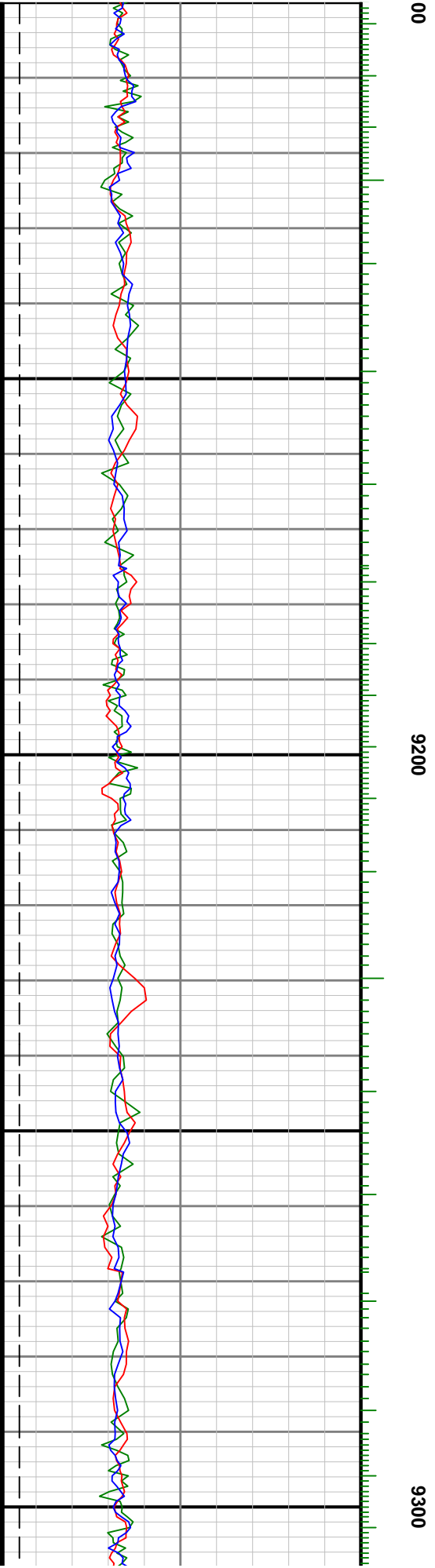
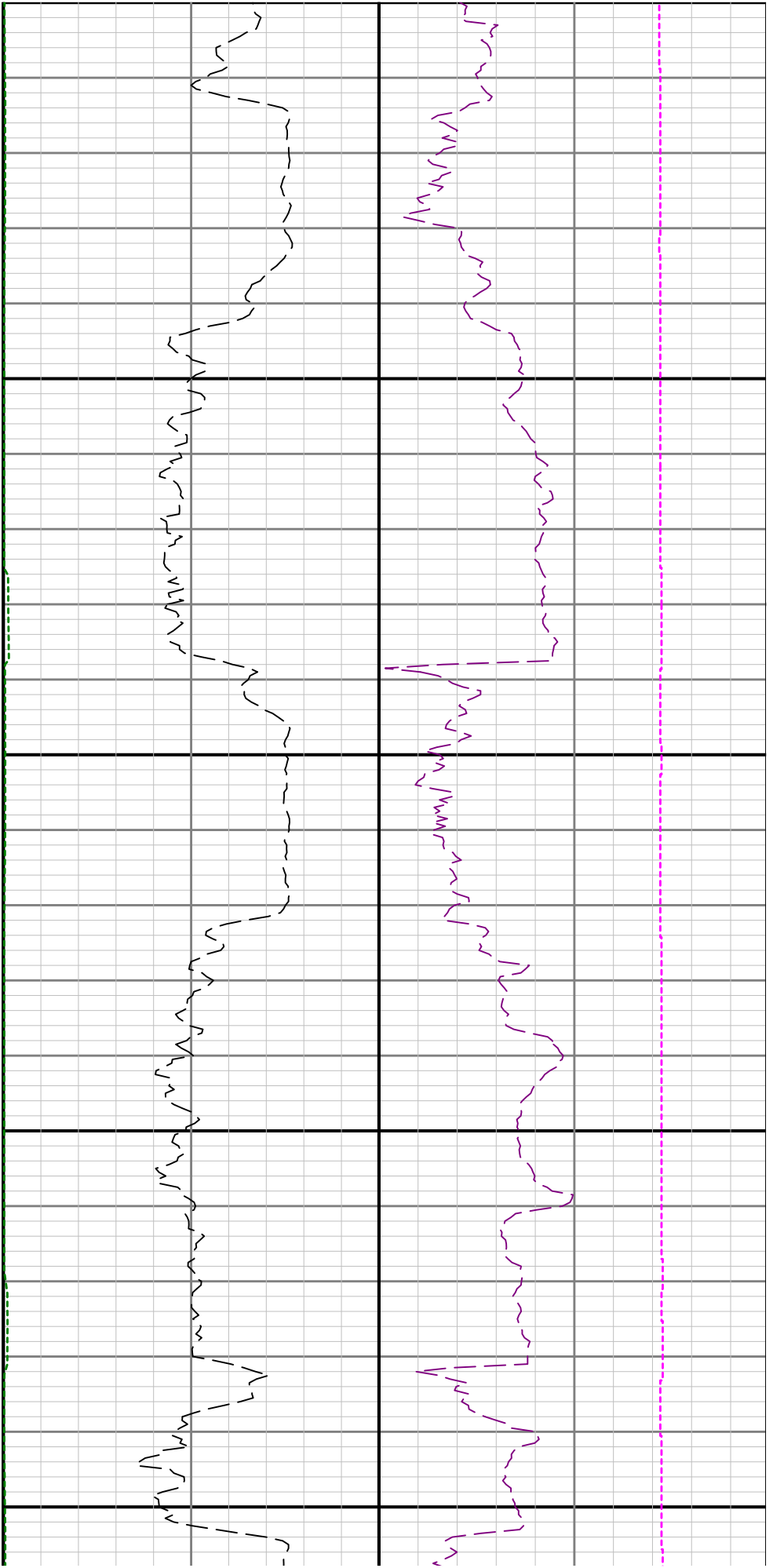
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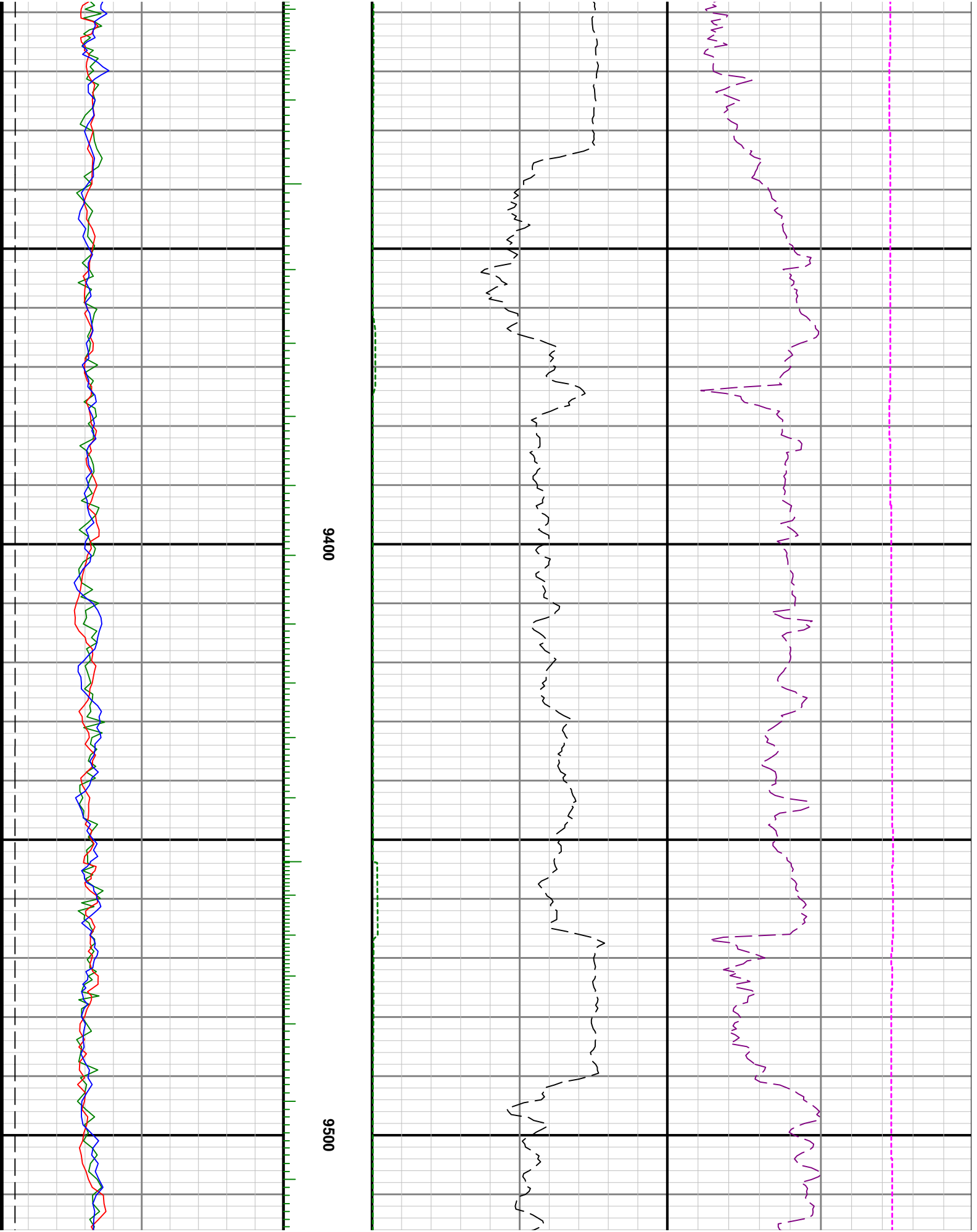




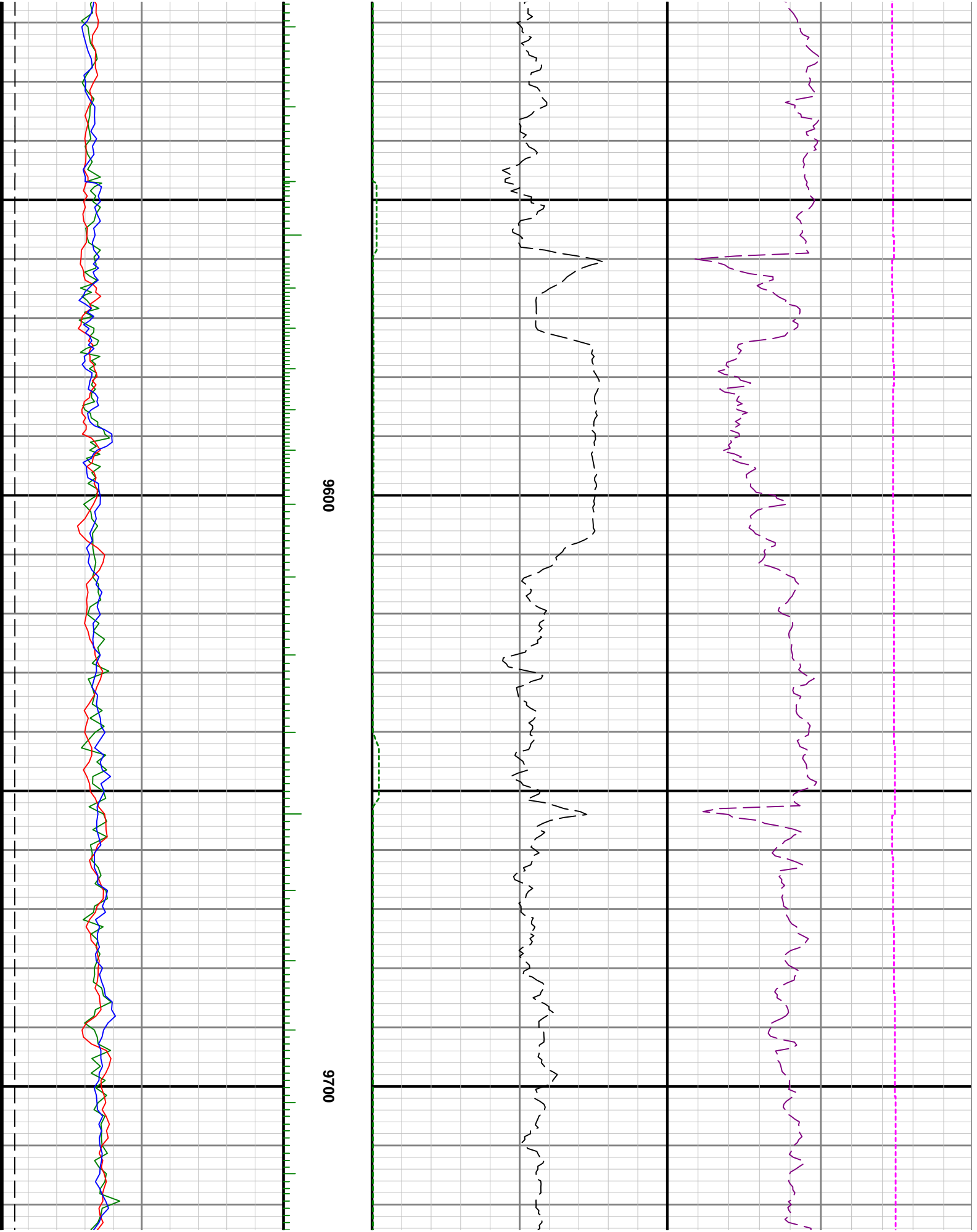


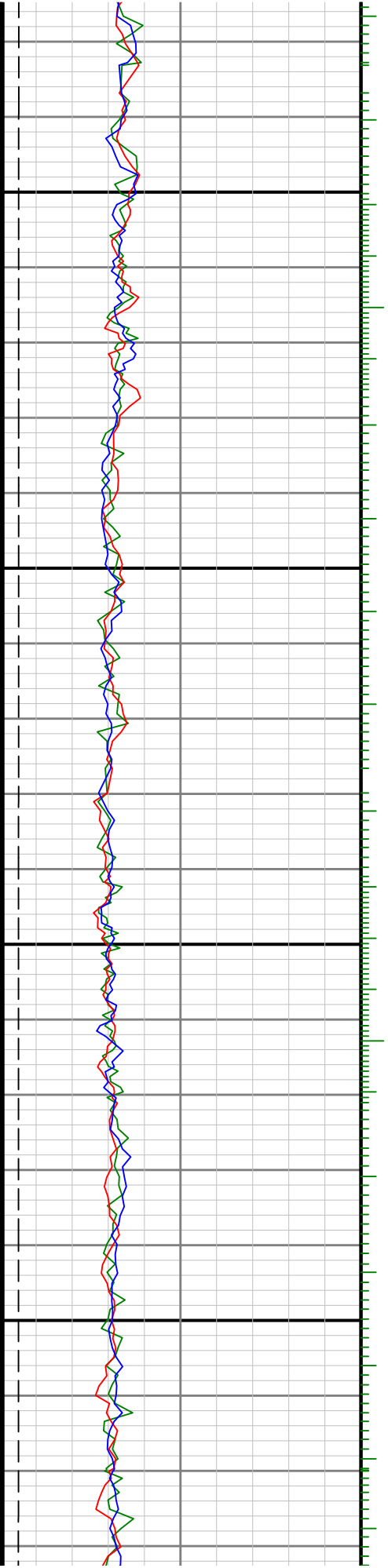






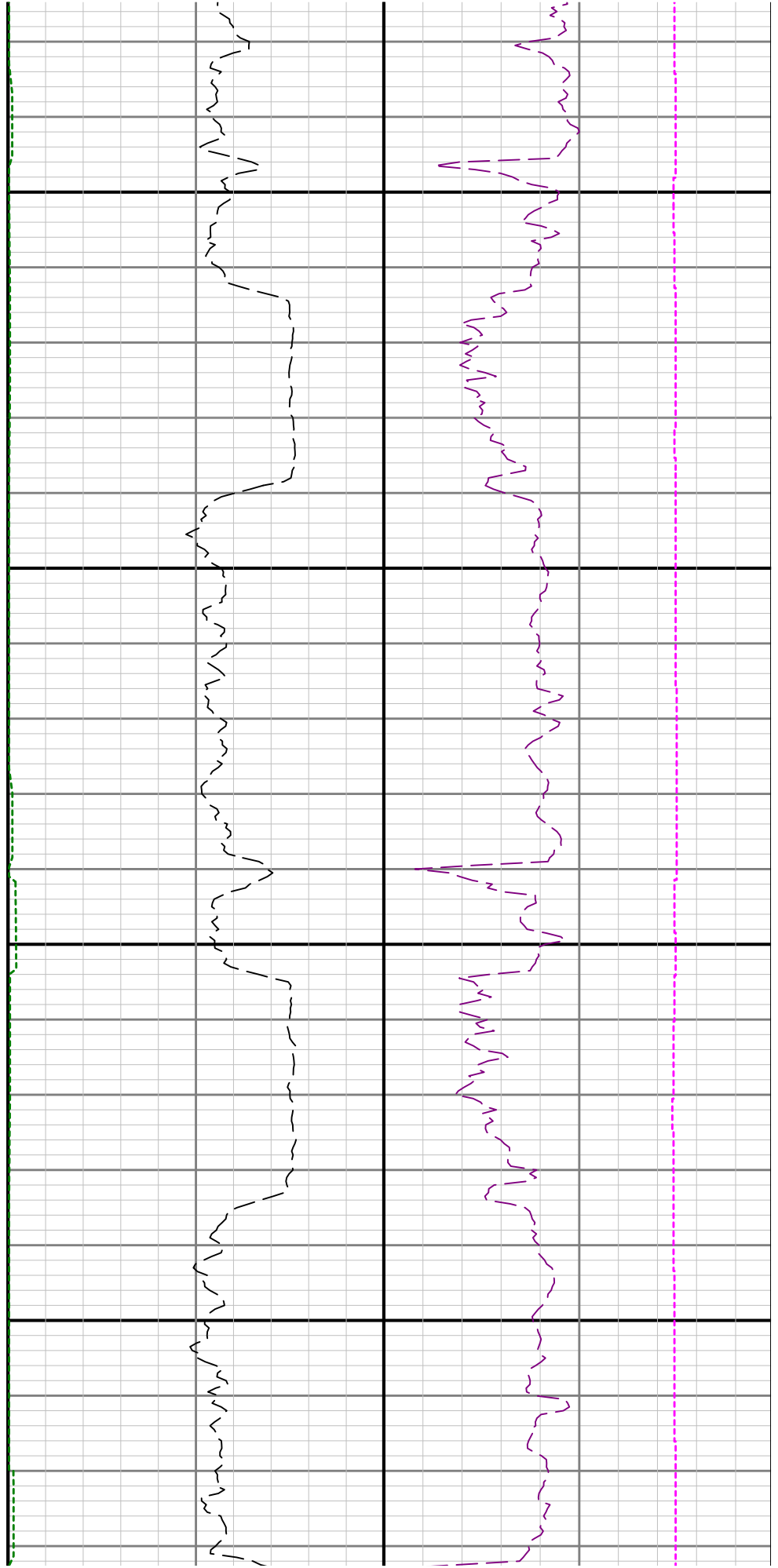


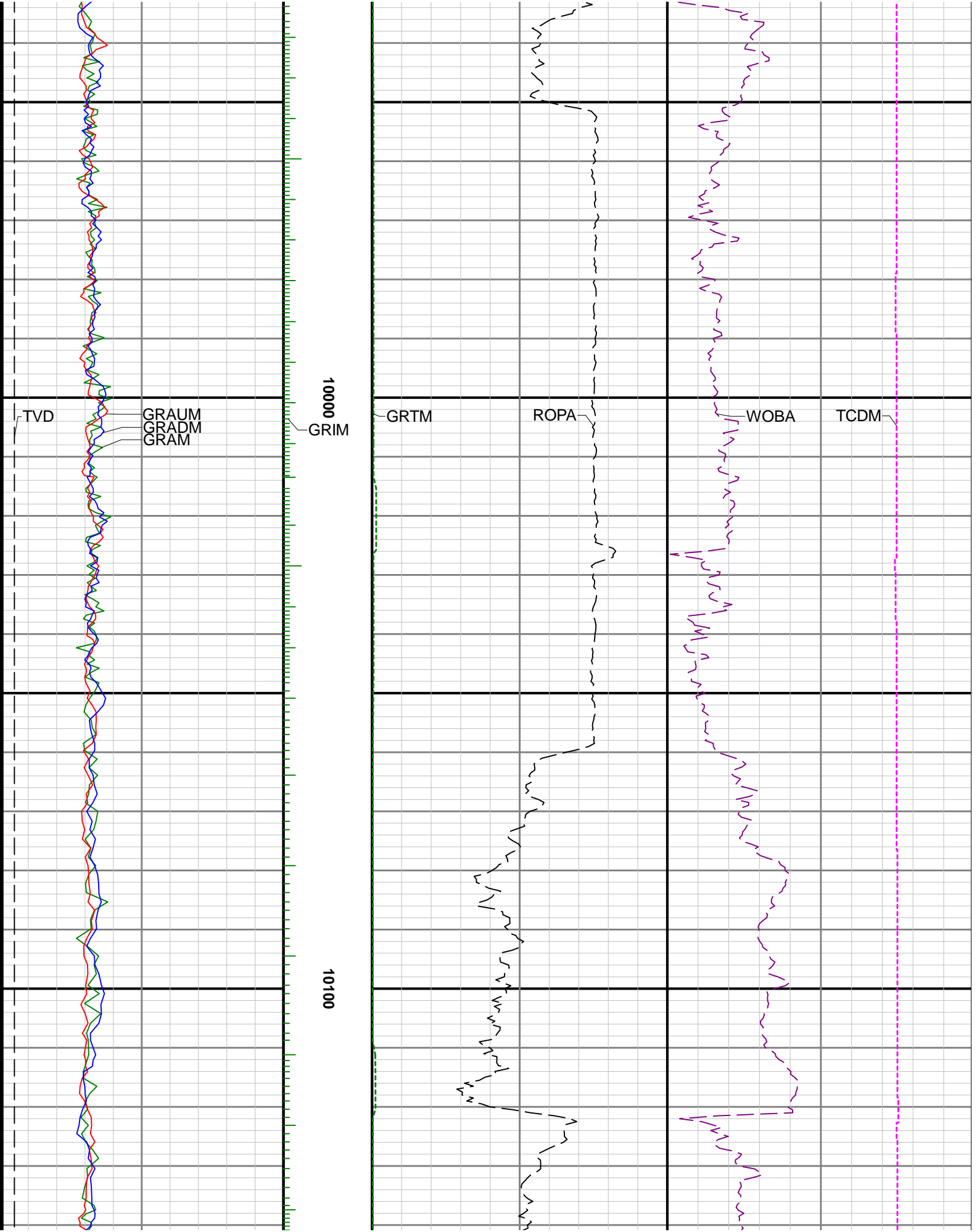


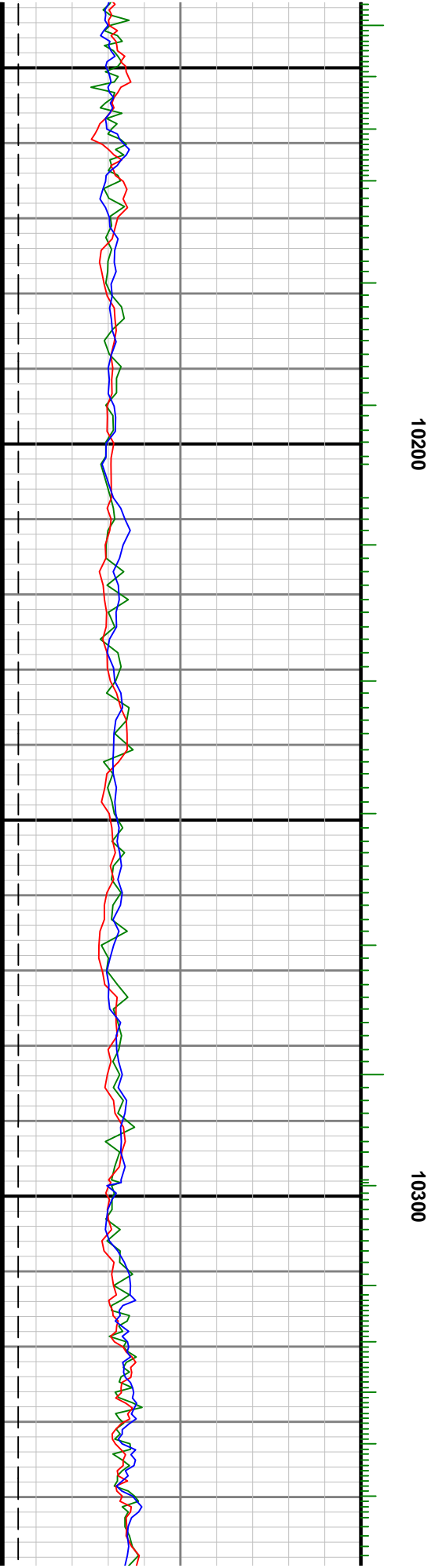
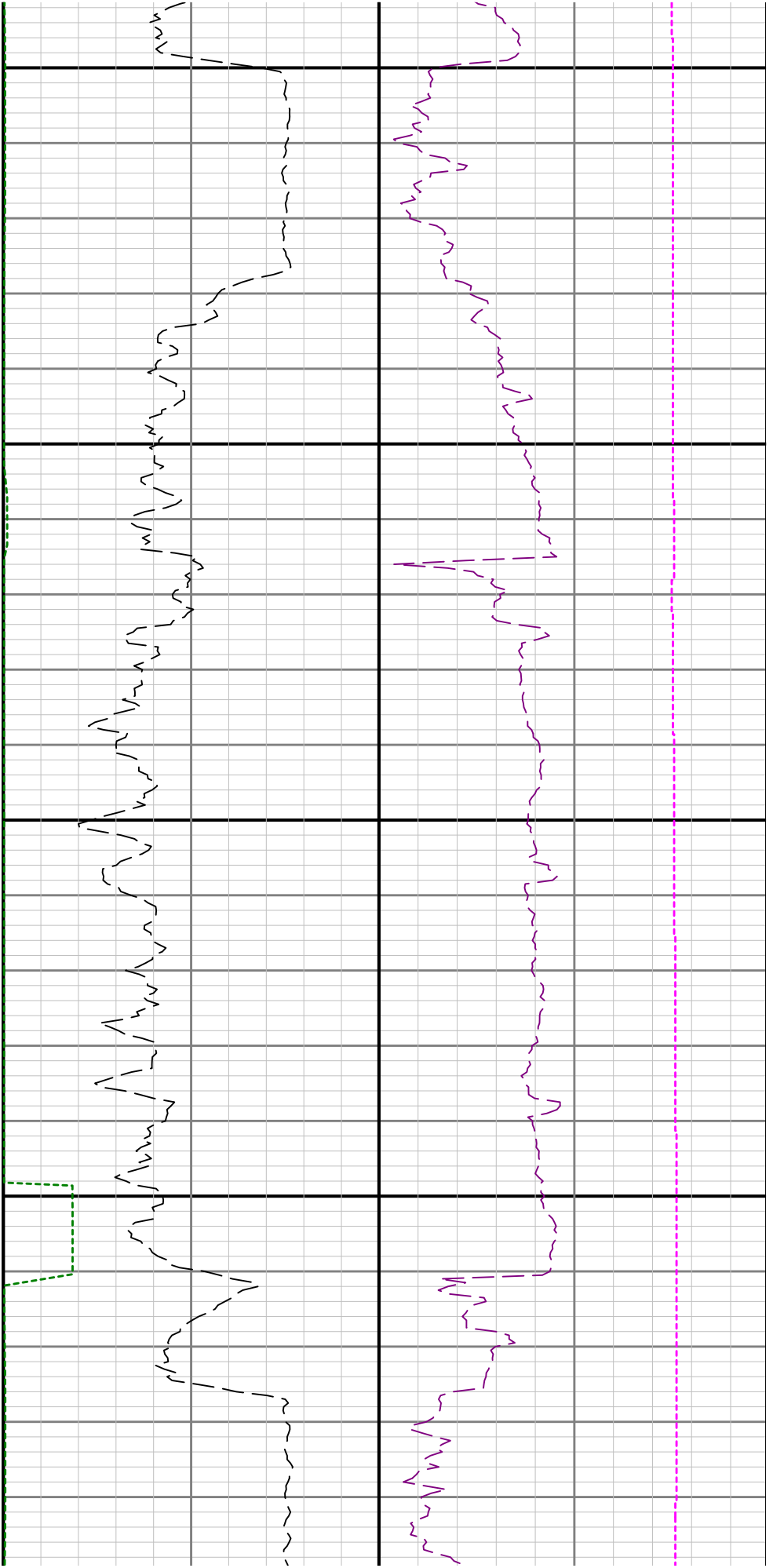


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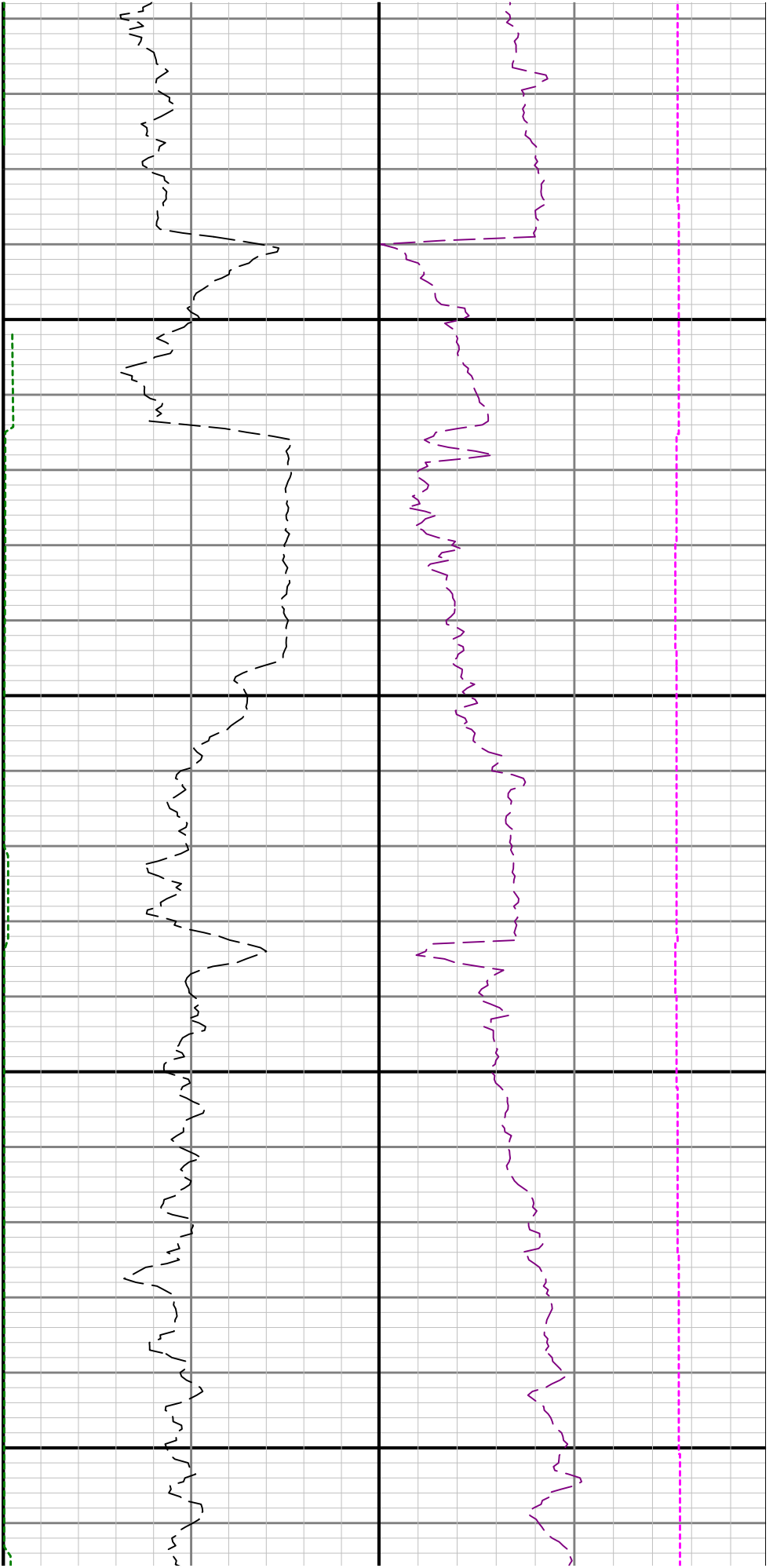
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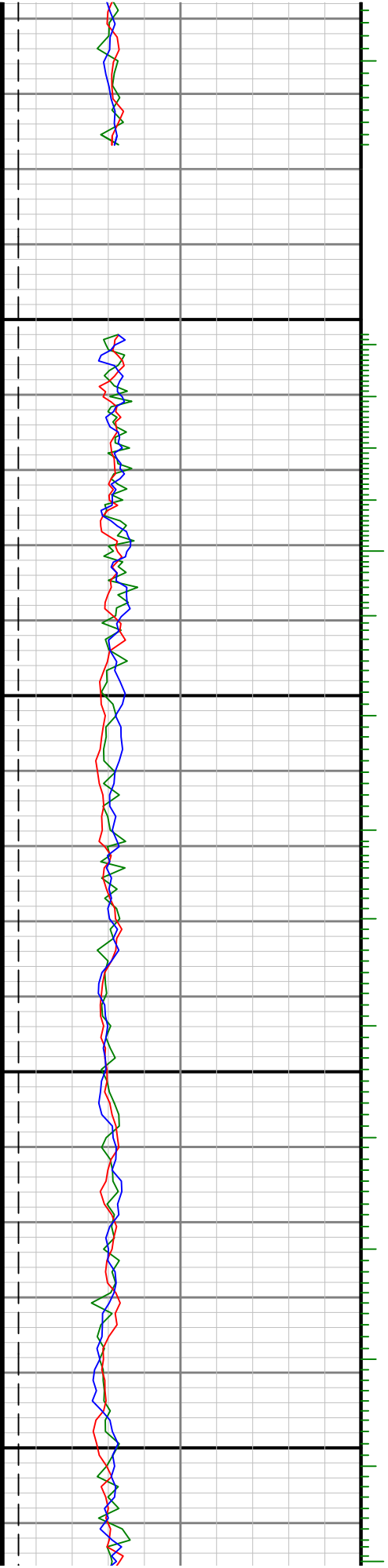


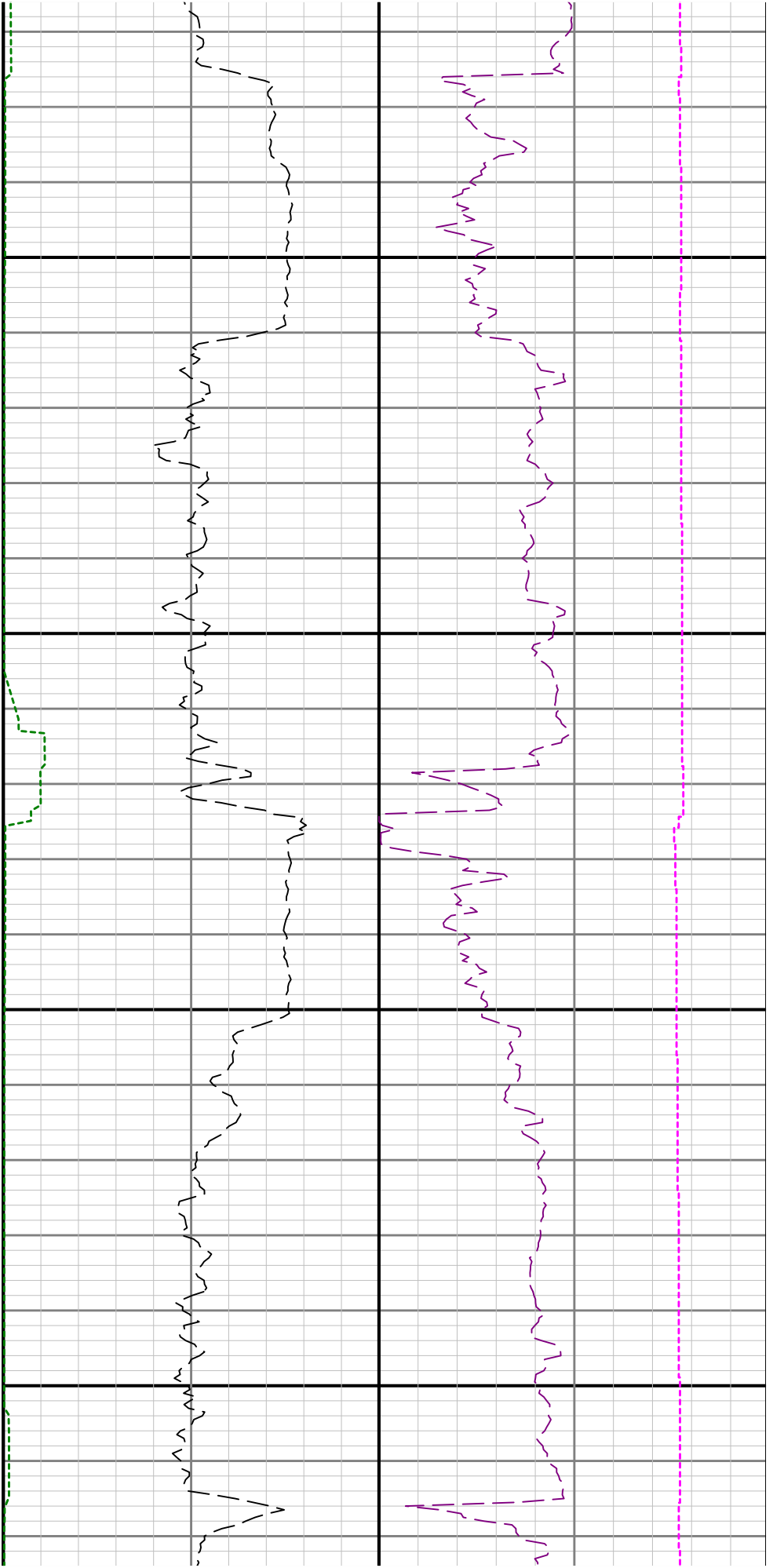




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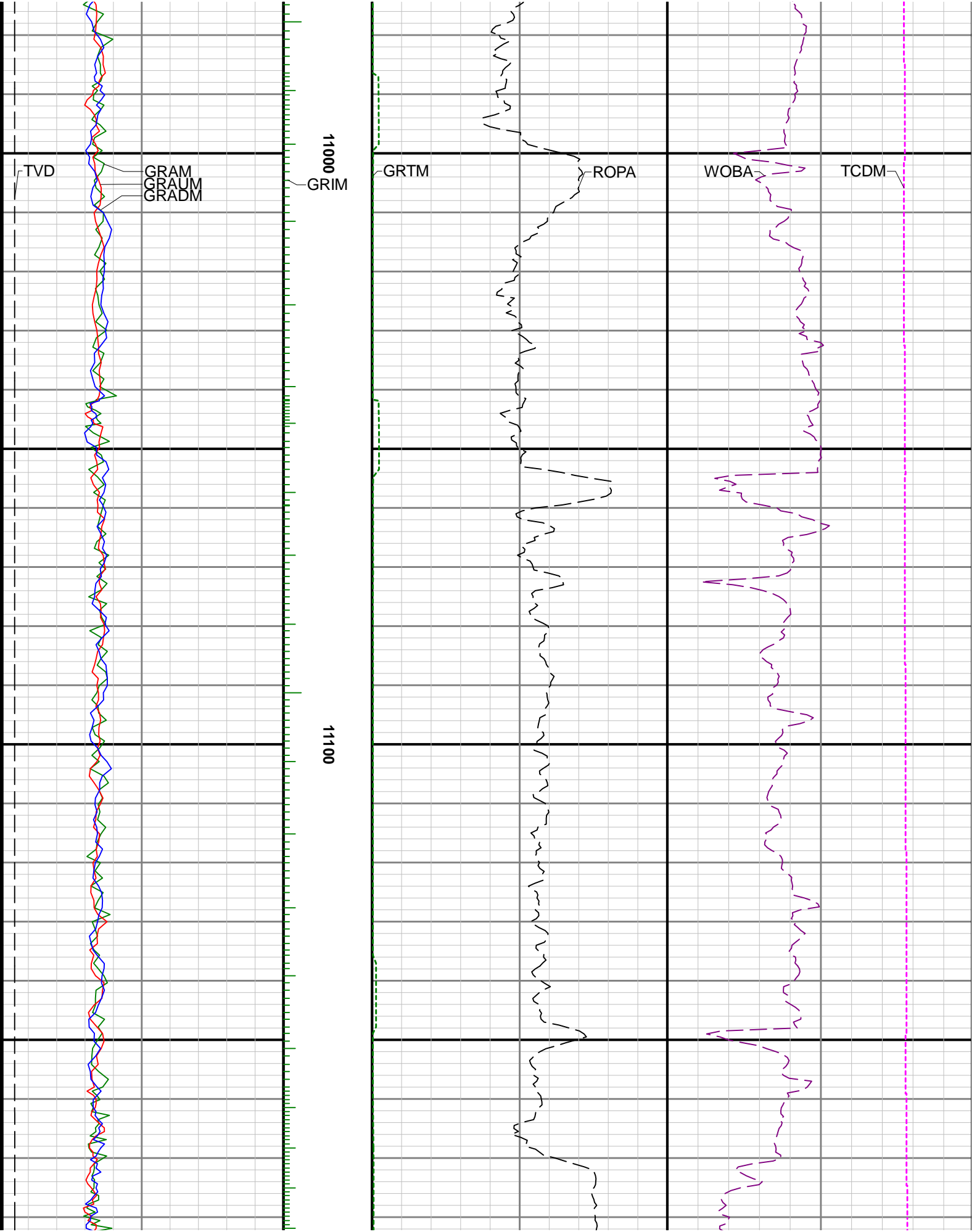
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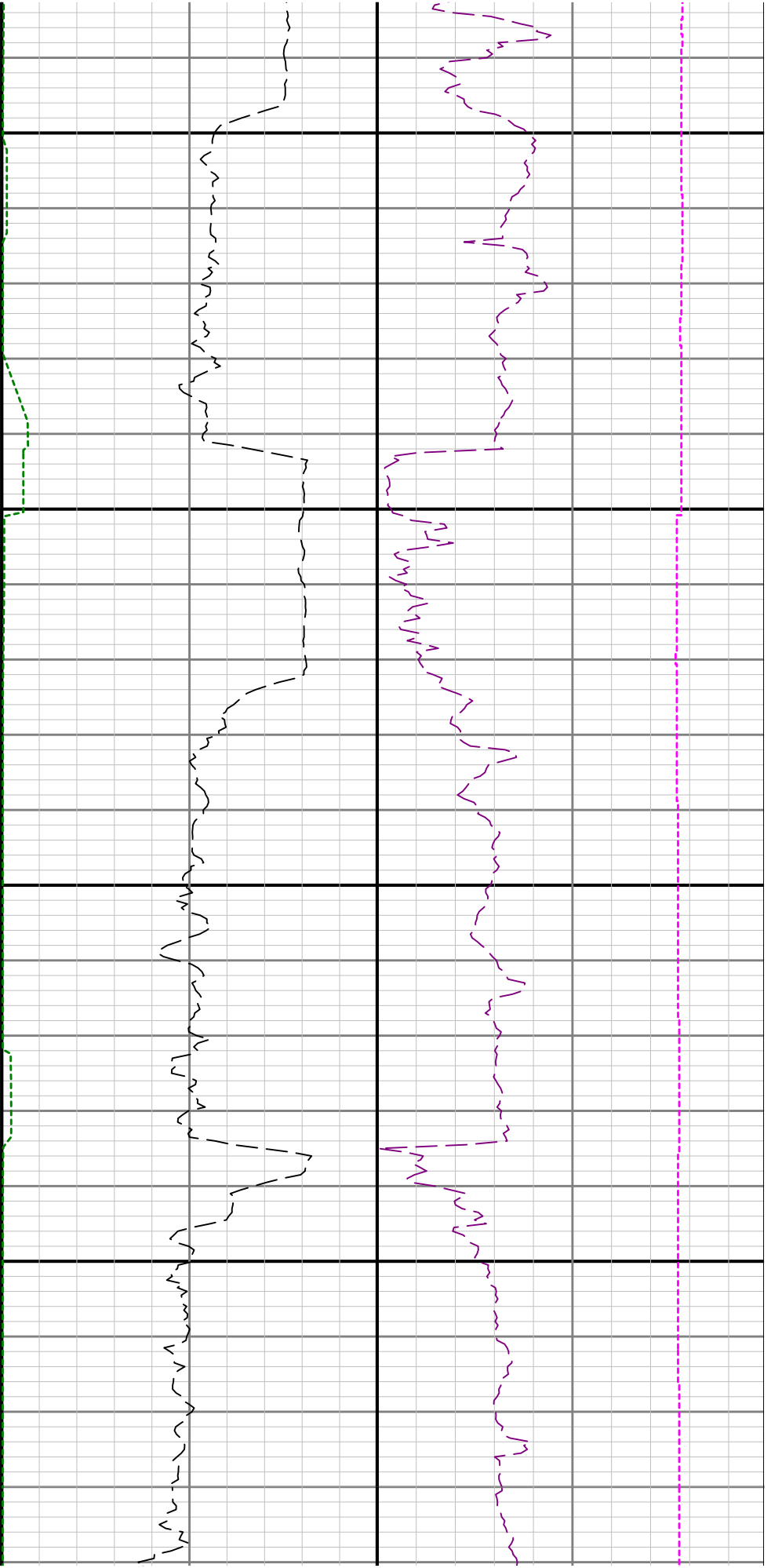


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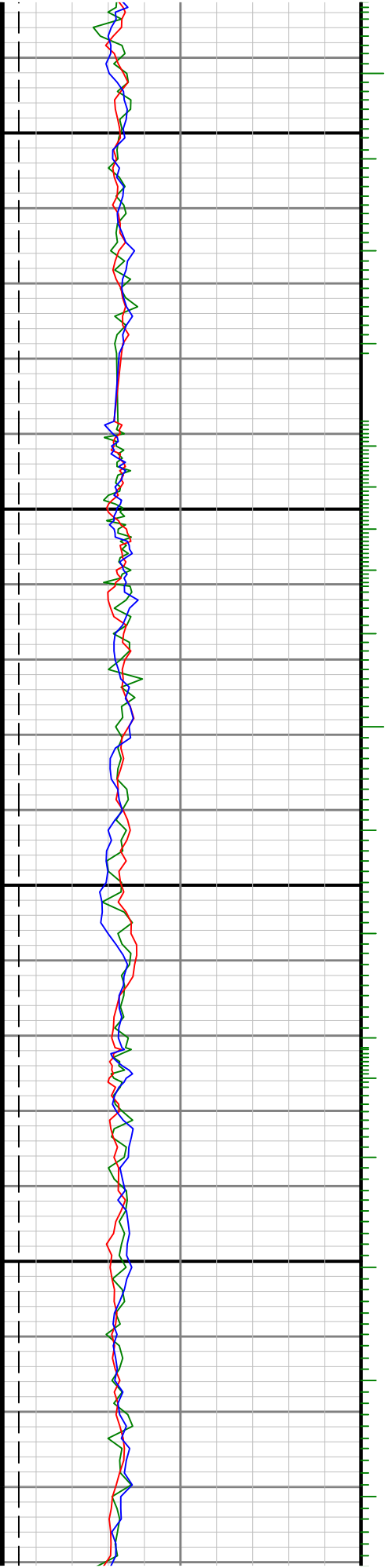


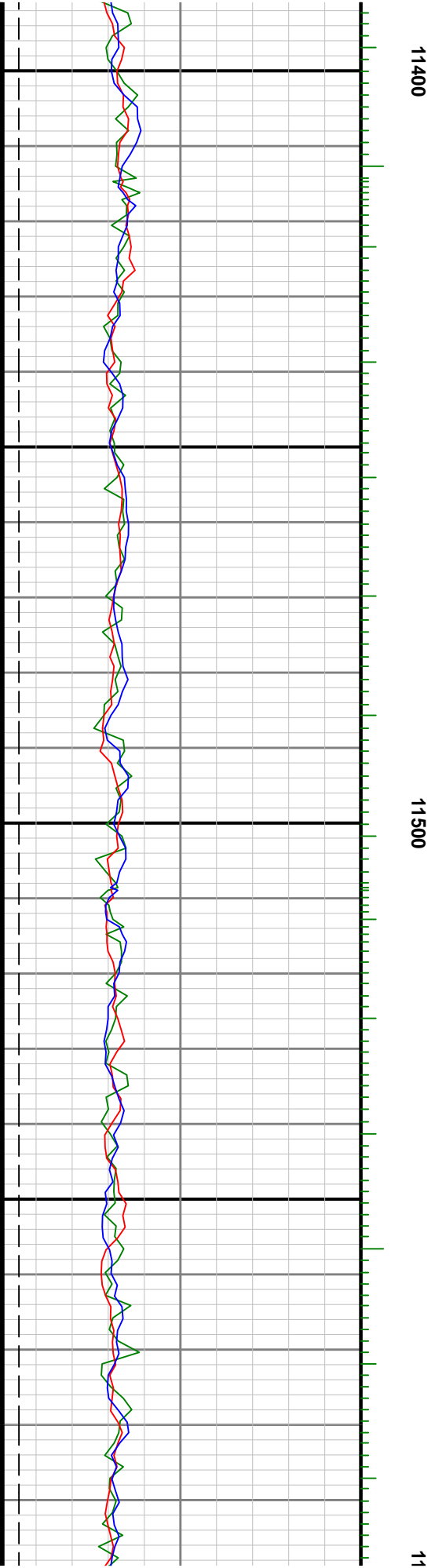
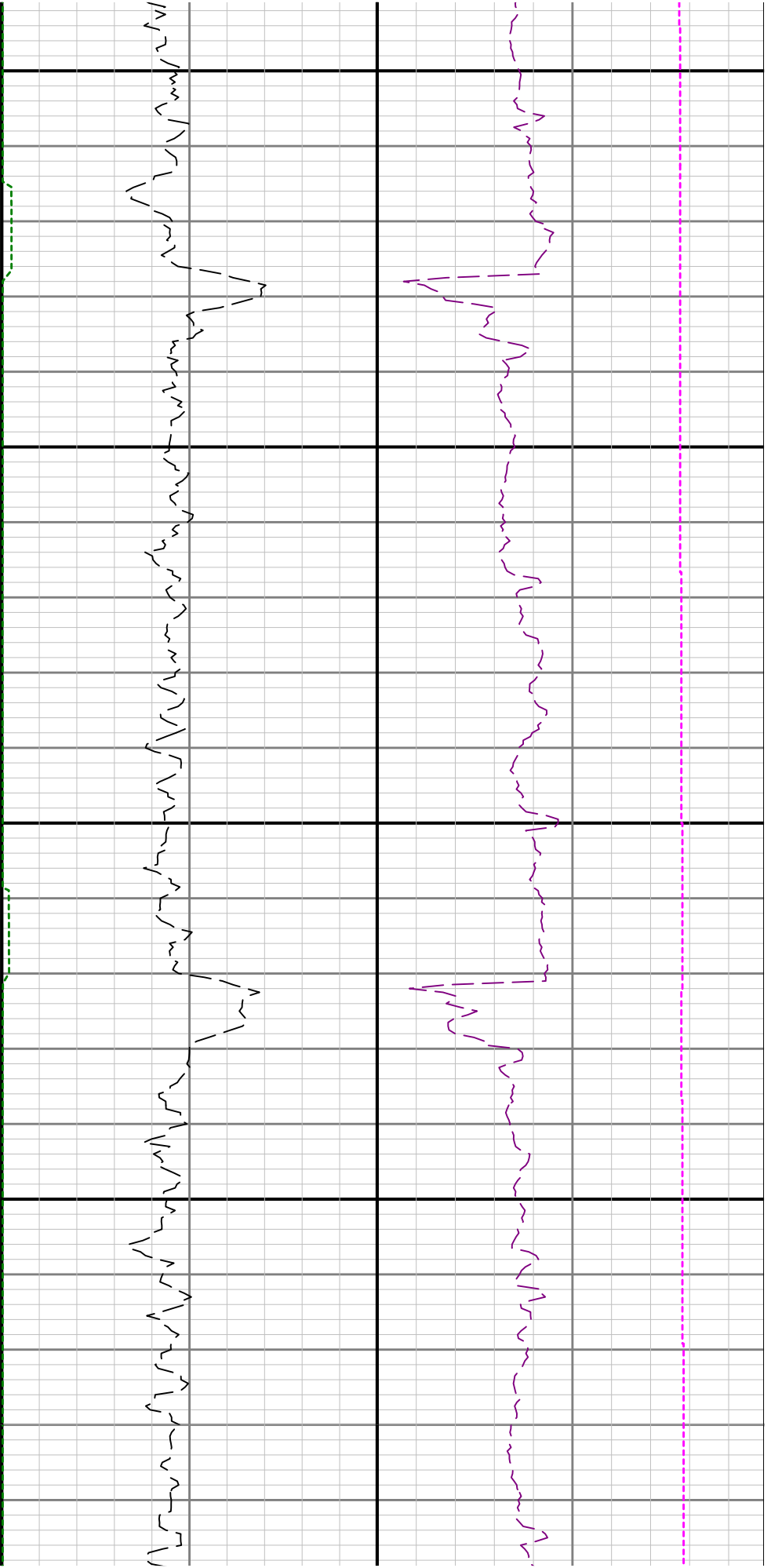


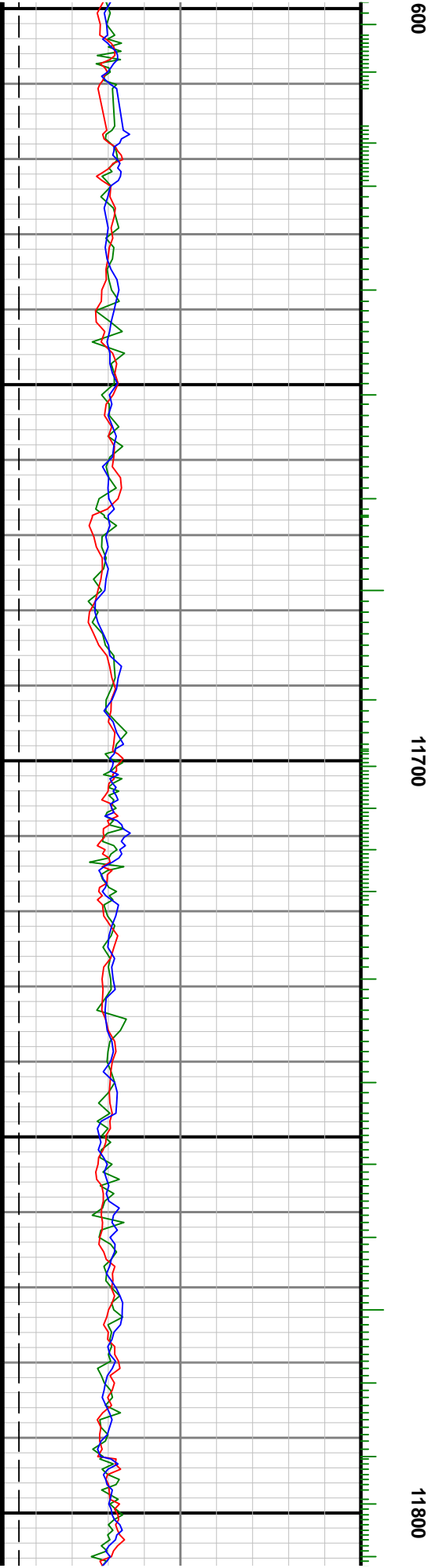
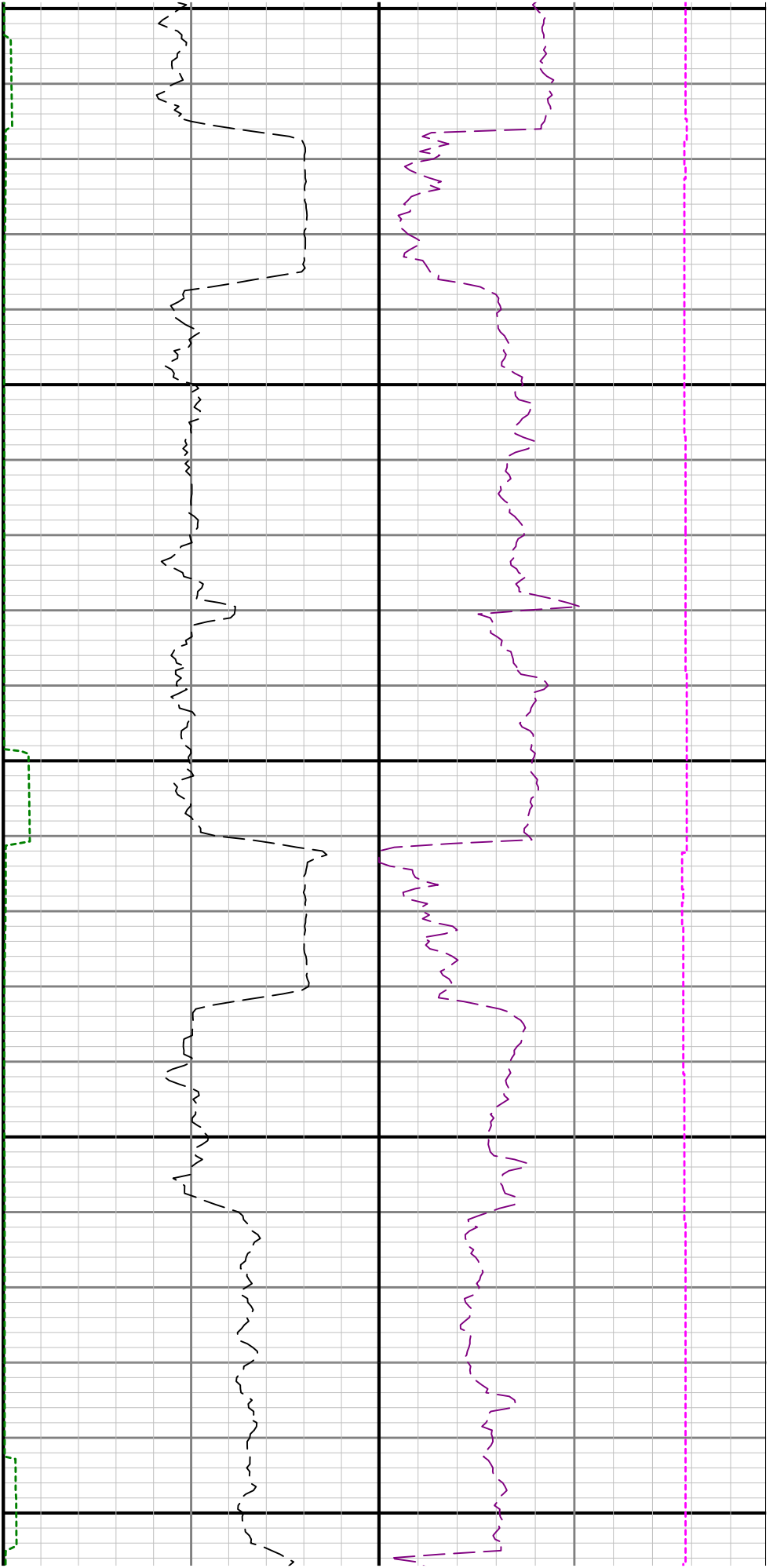


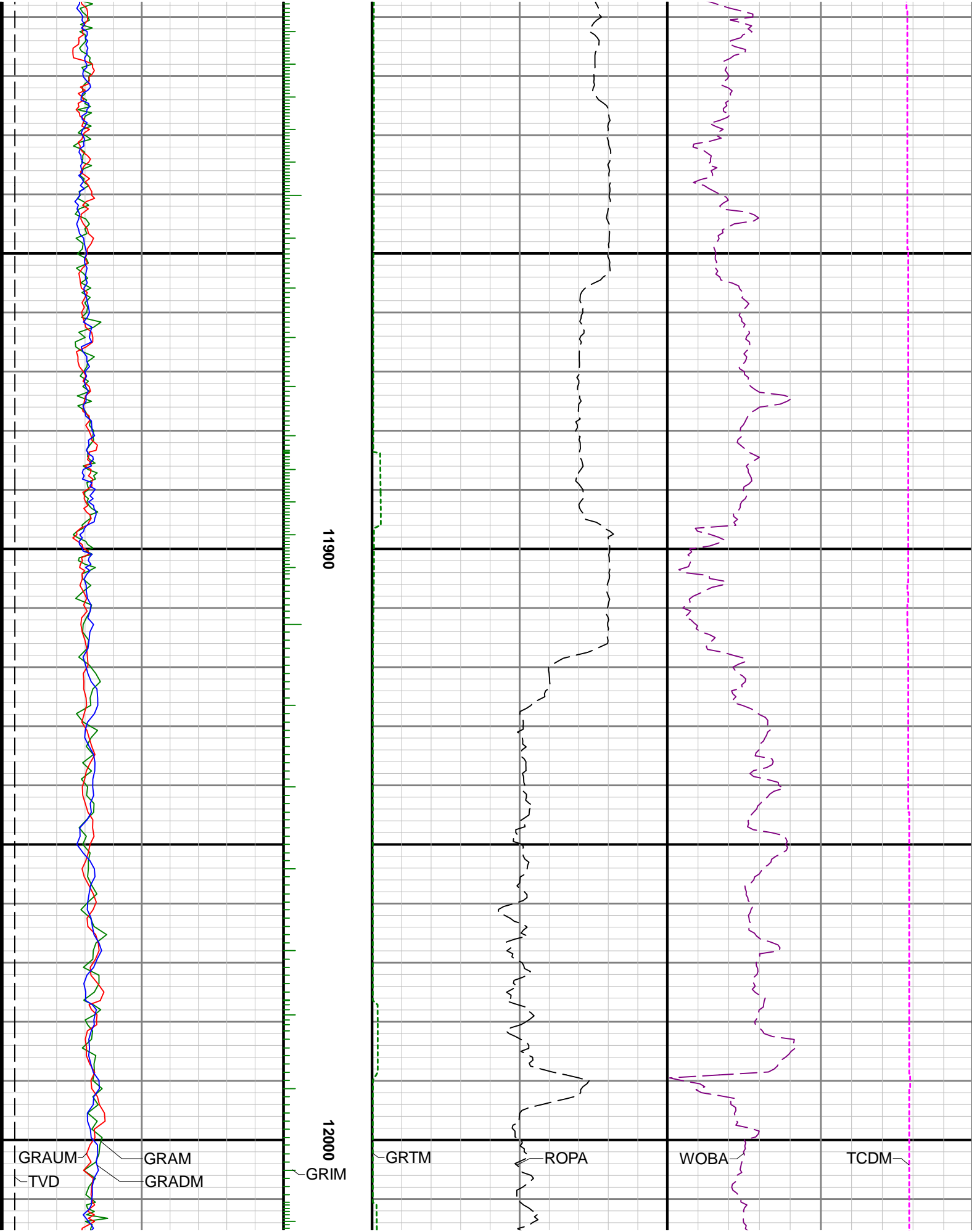
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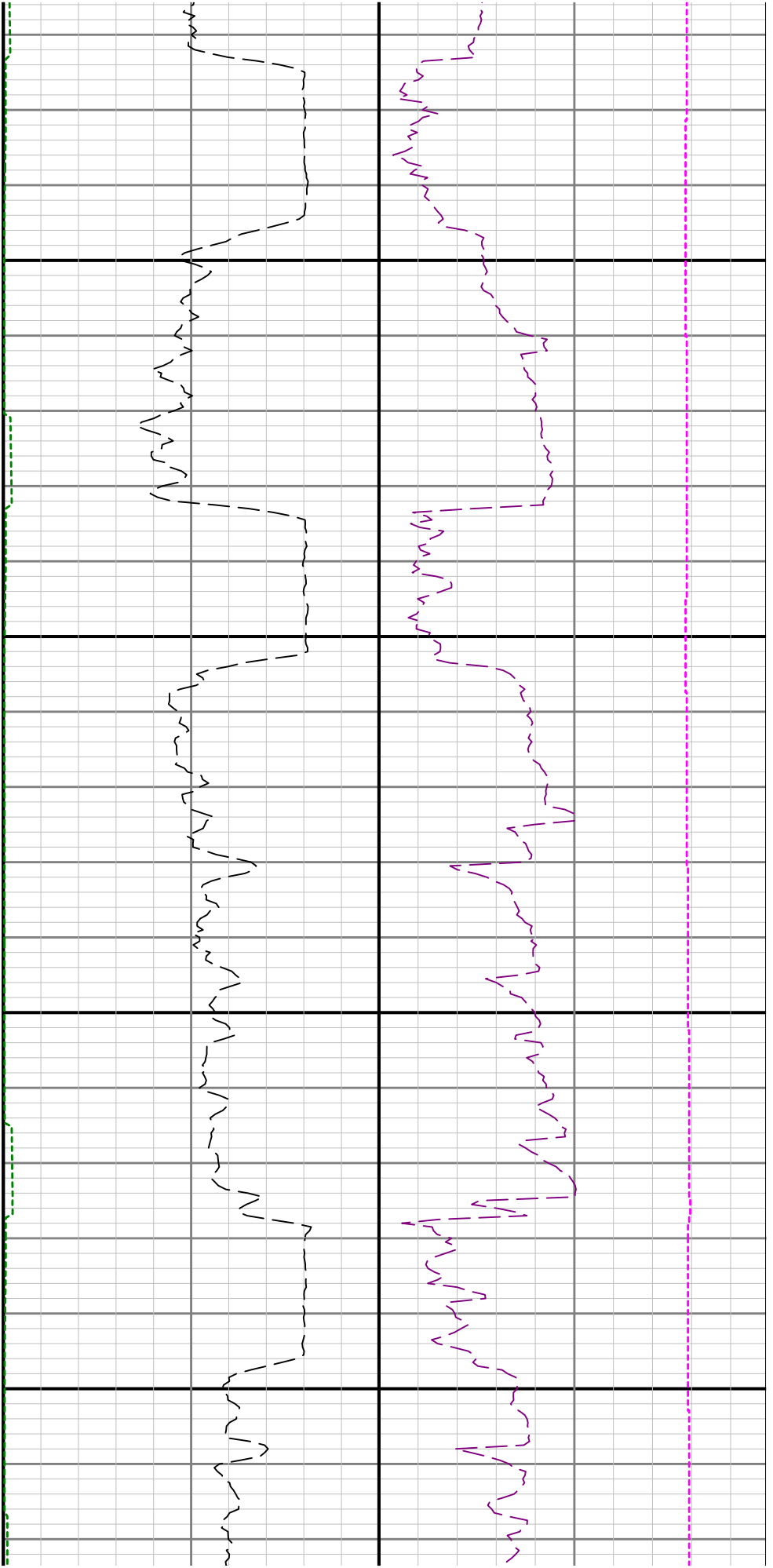
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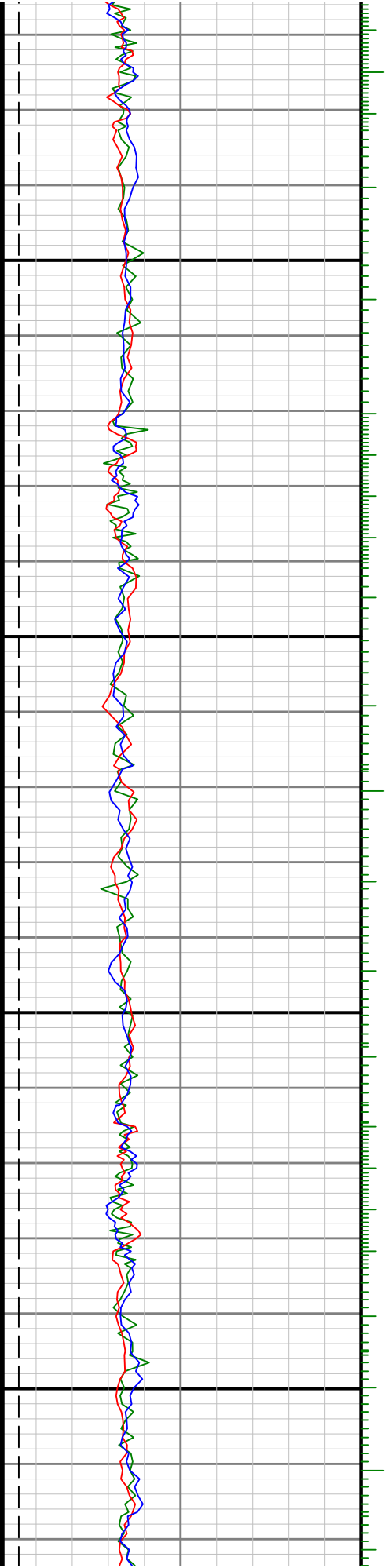


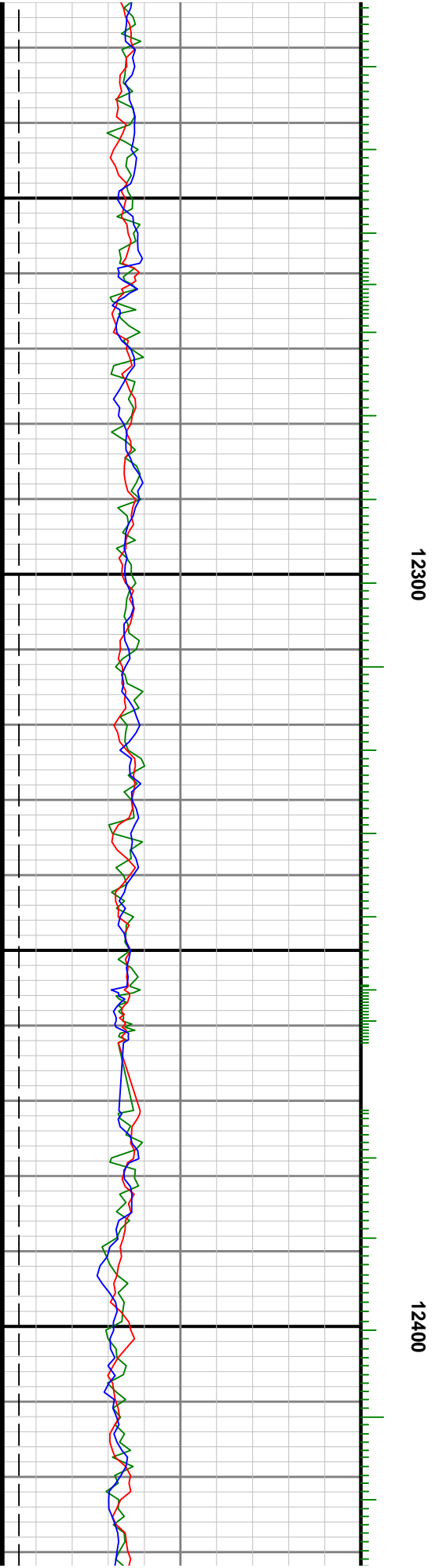
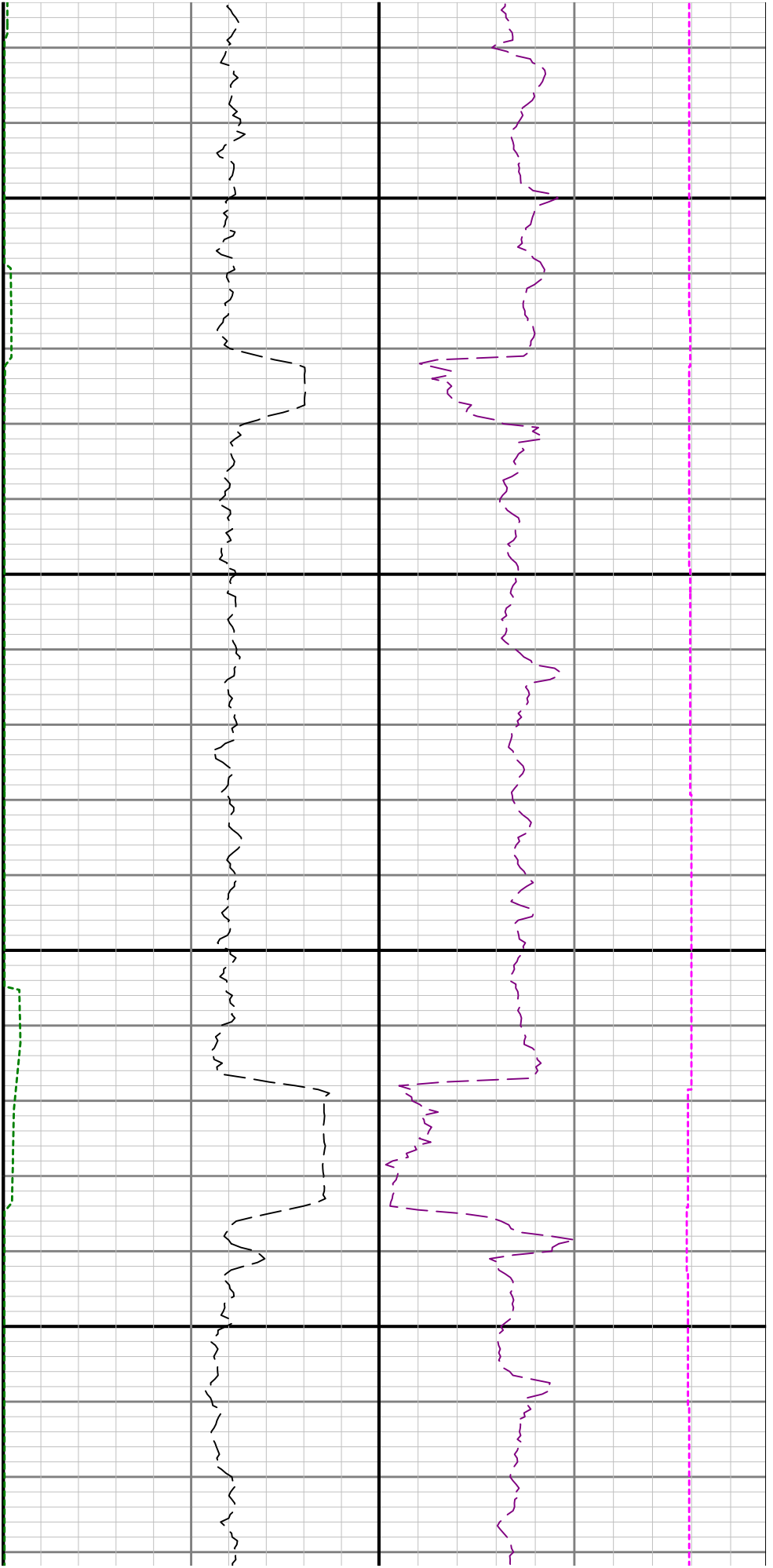


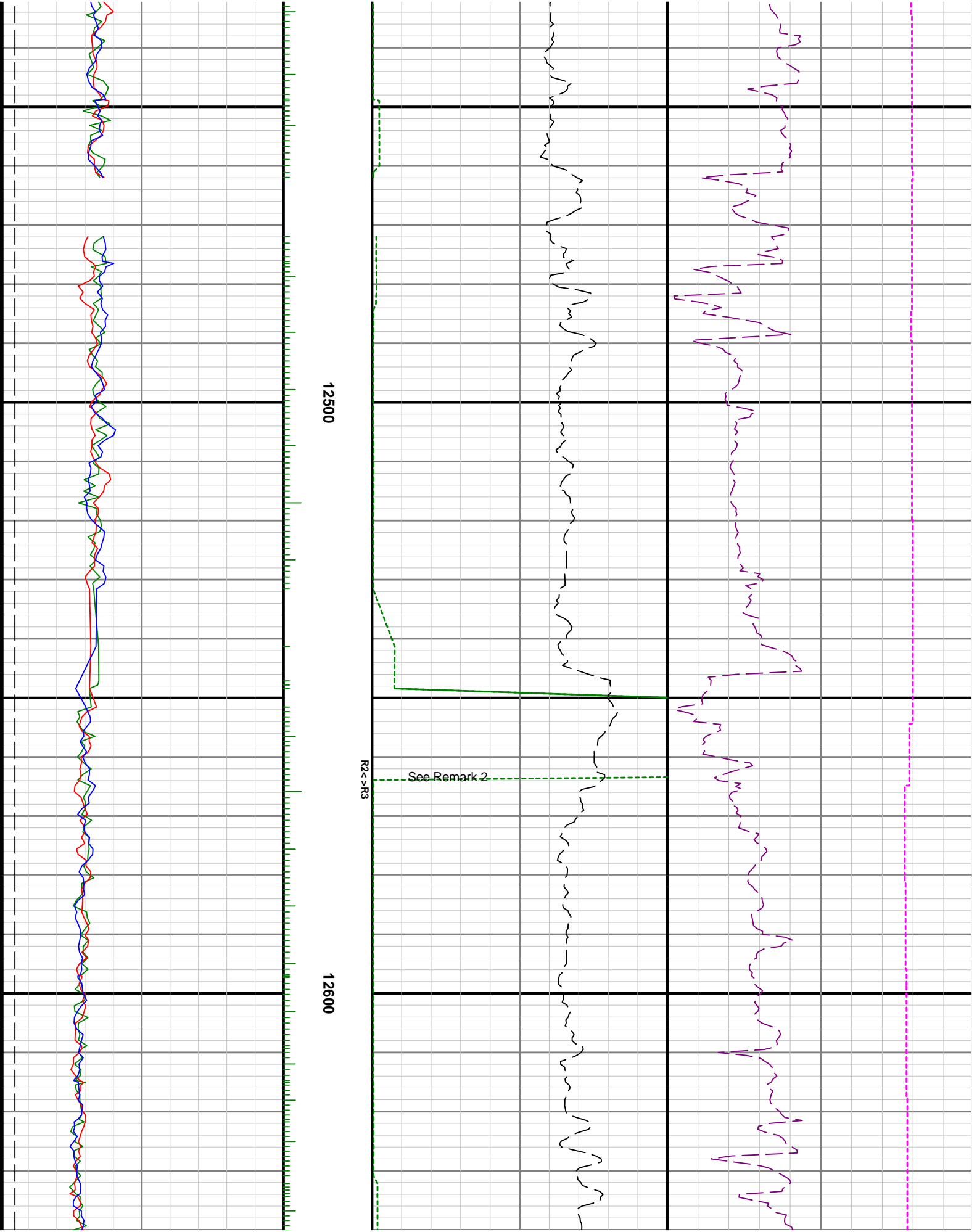


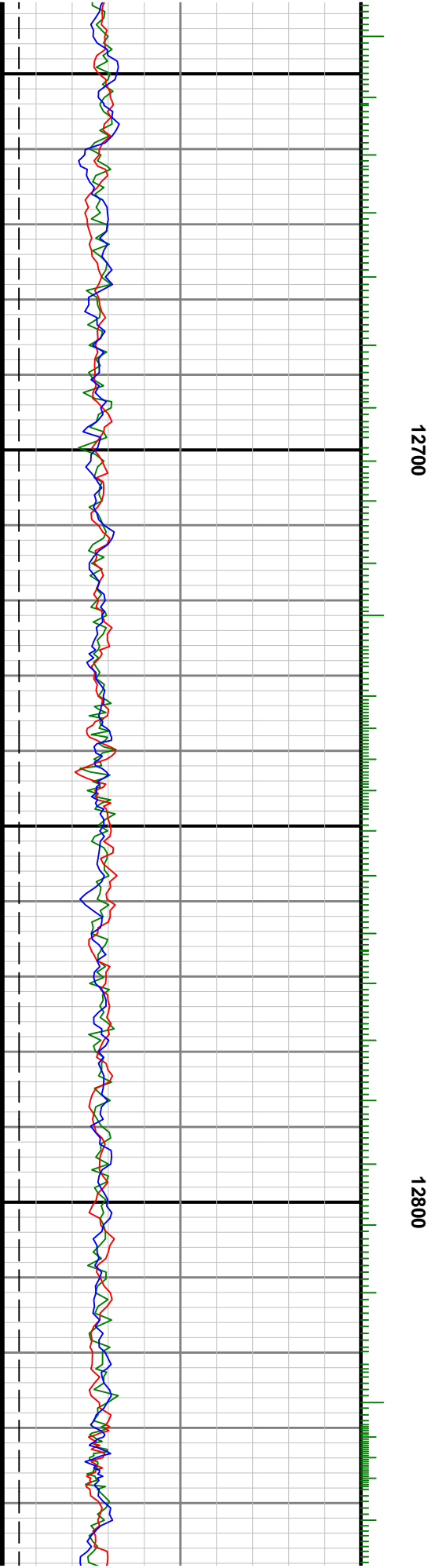
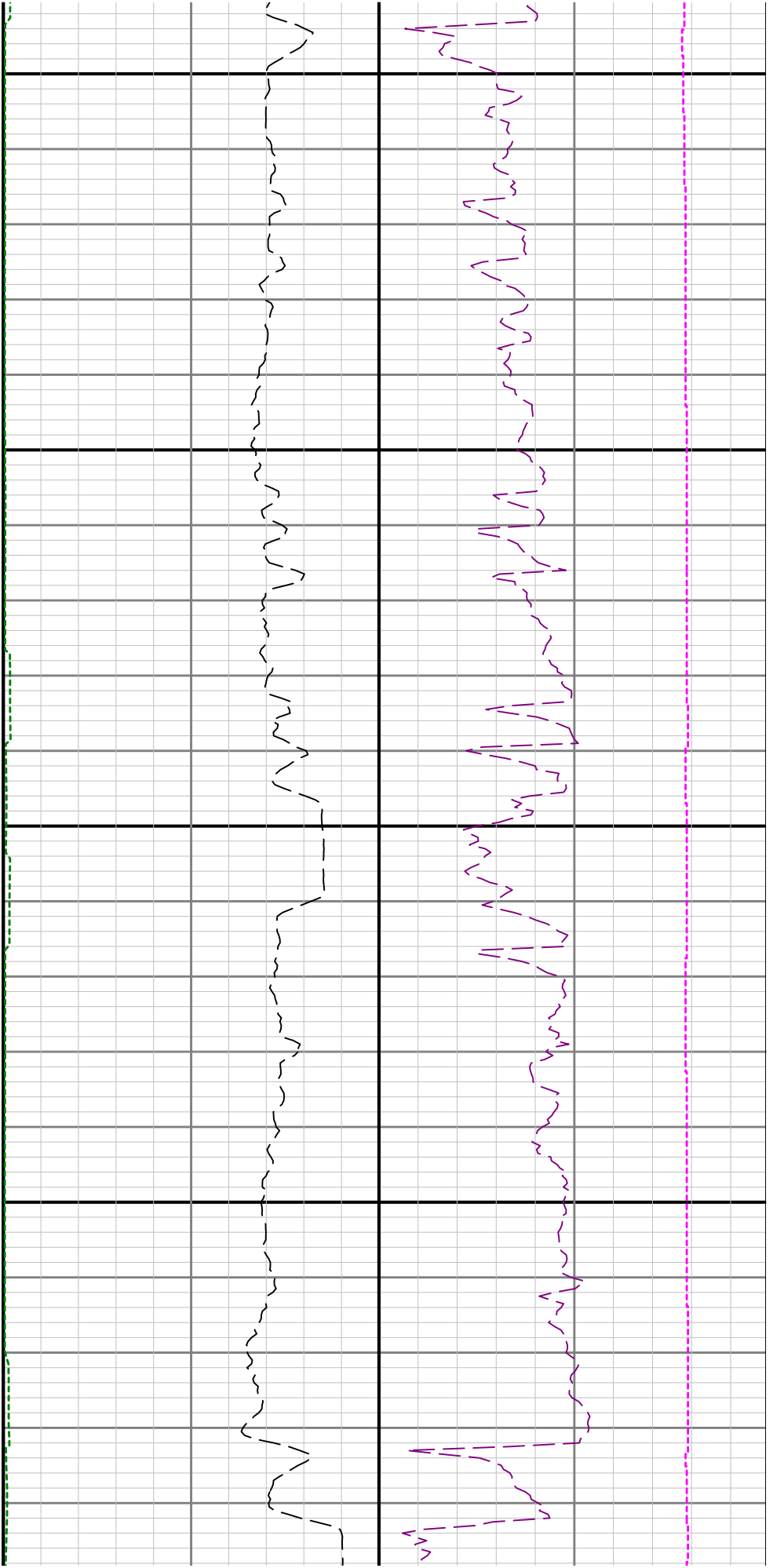
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12200

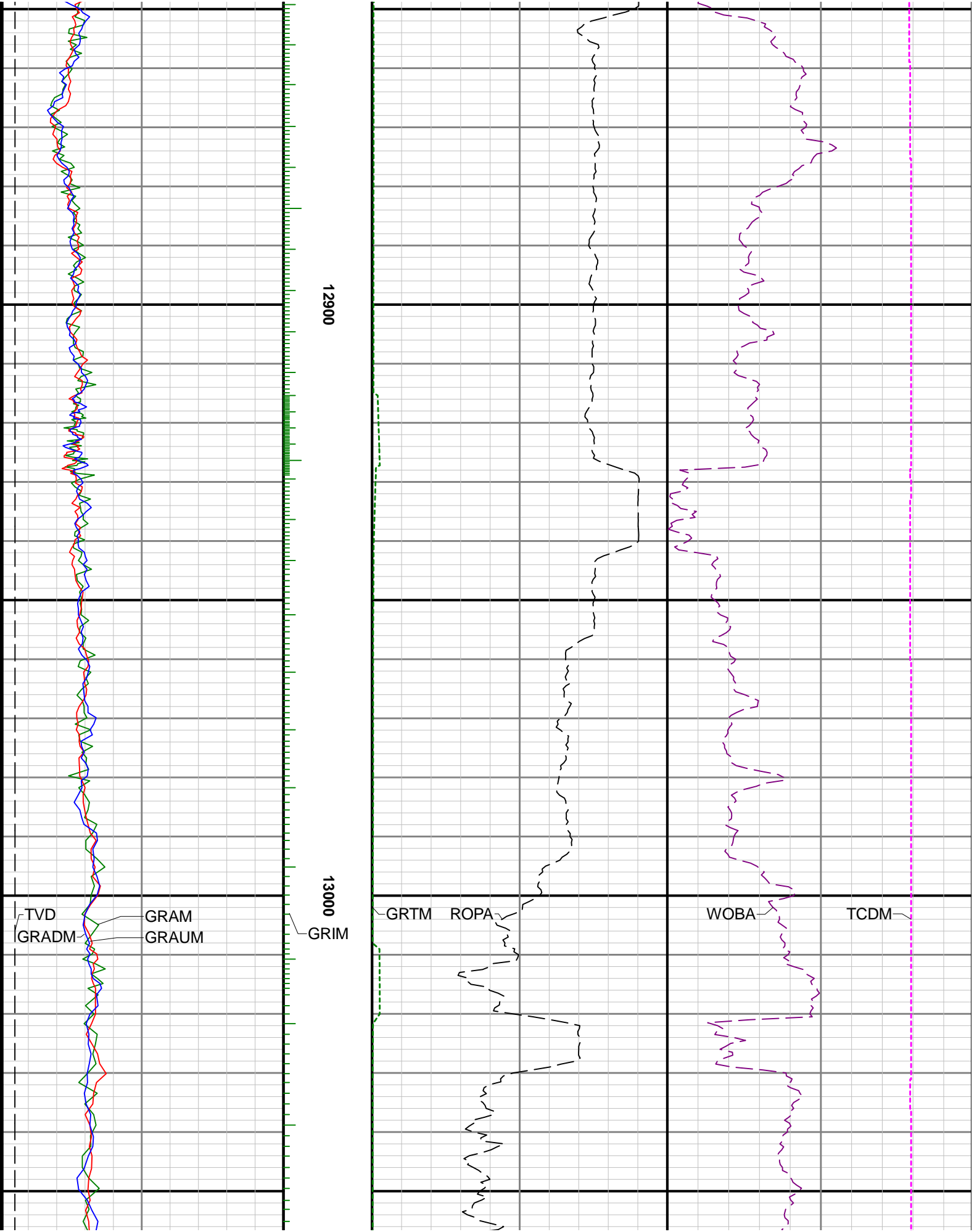








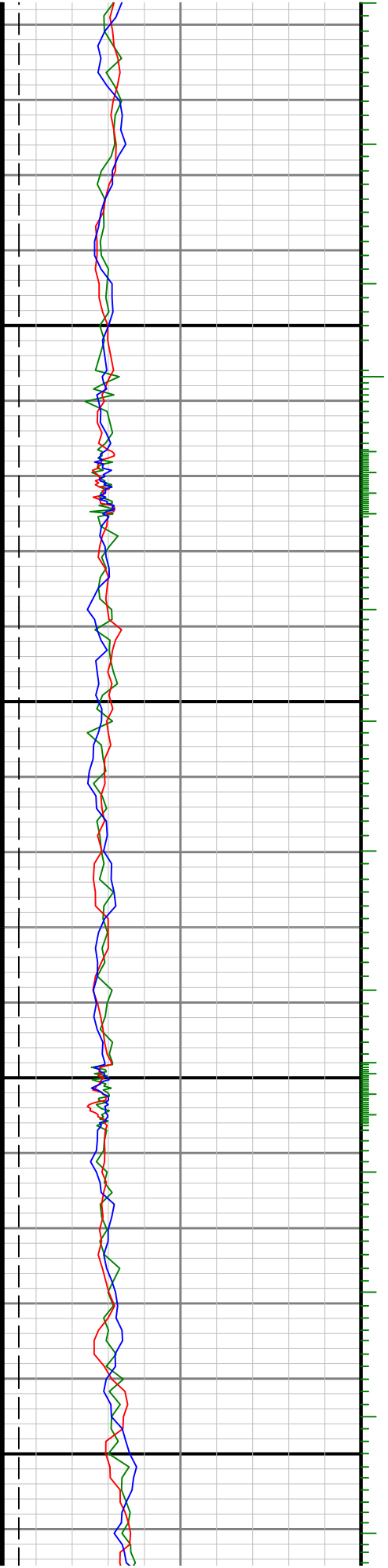


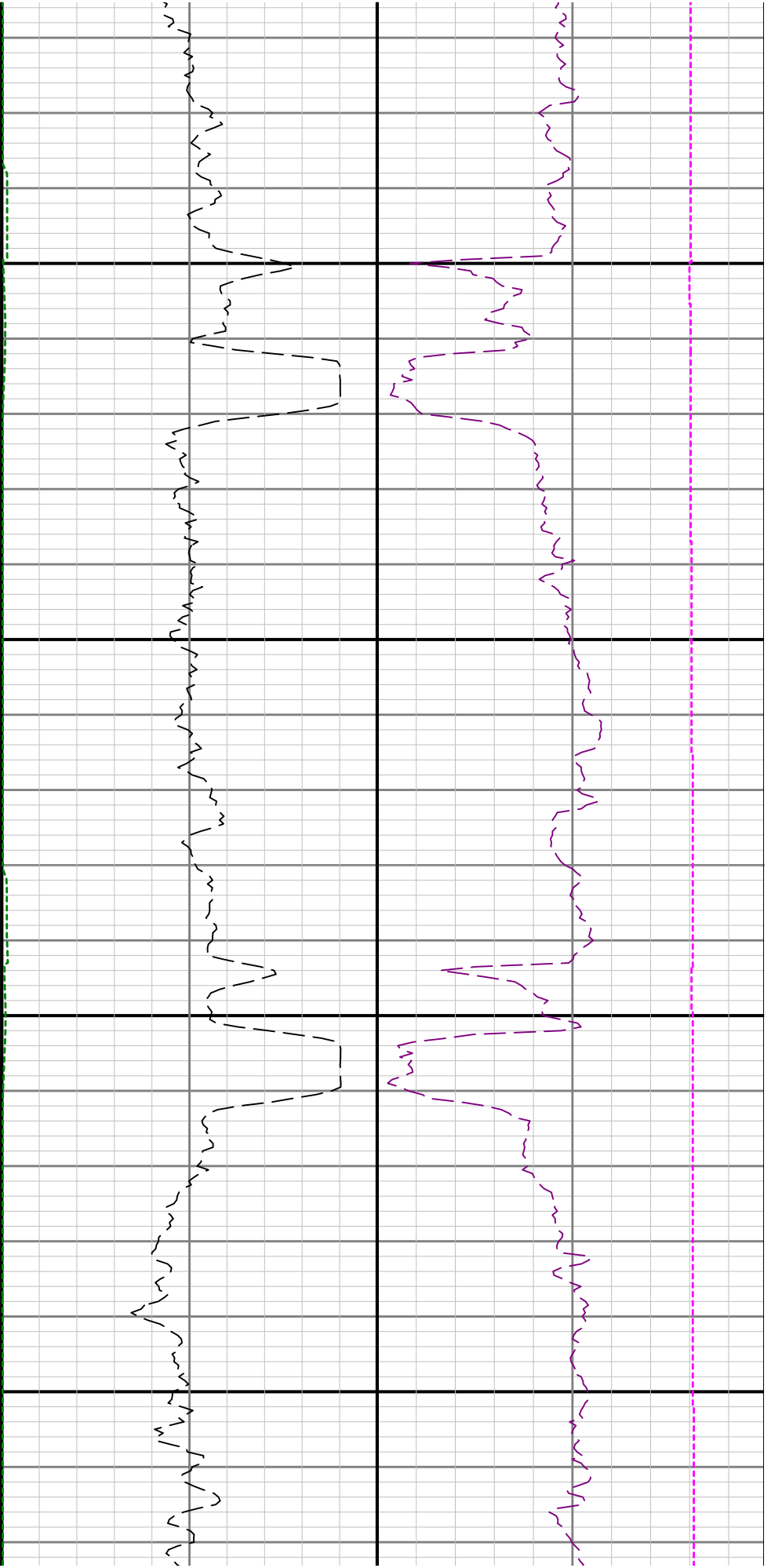




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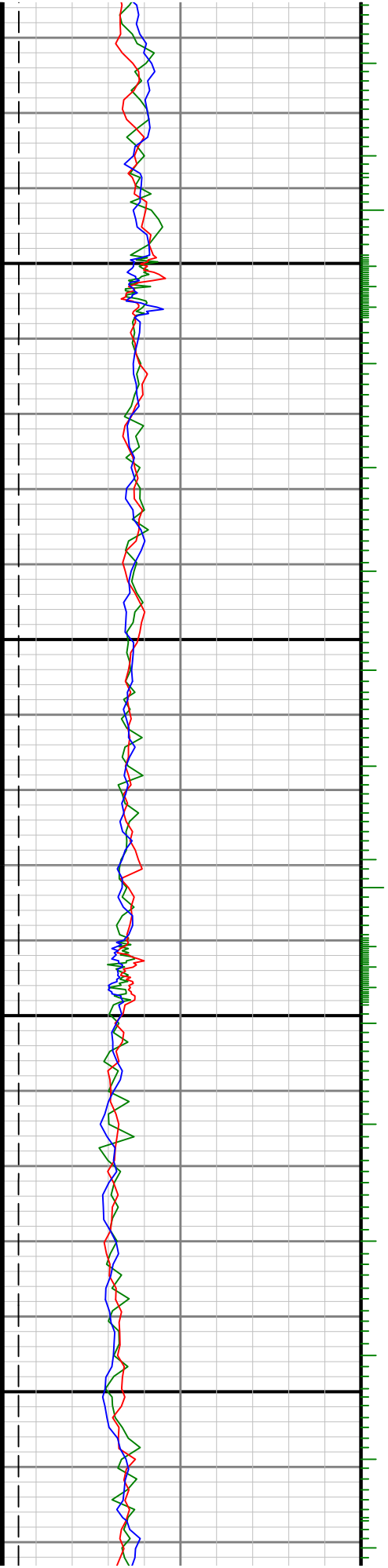
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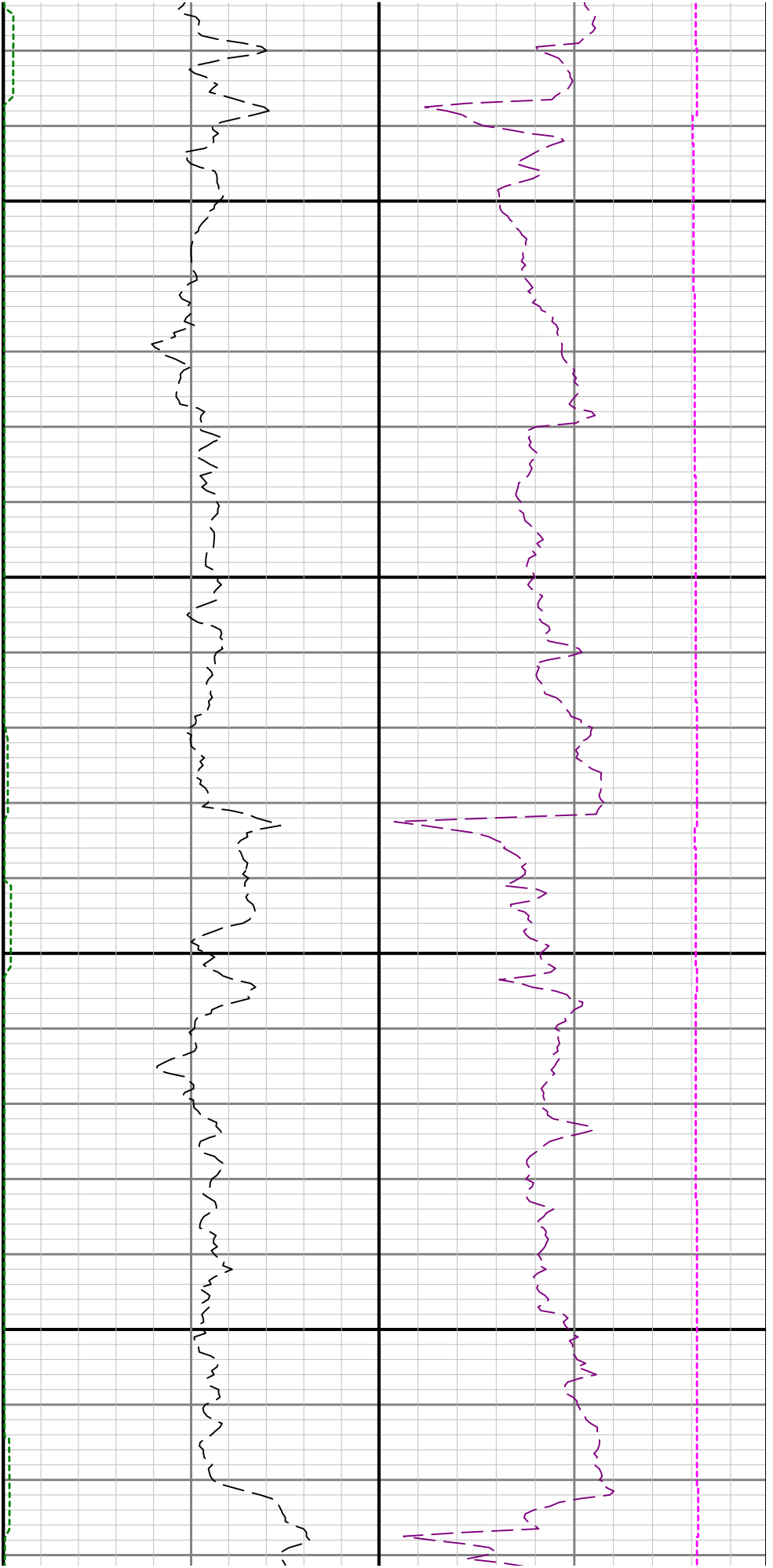




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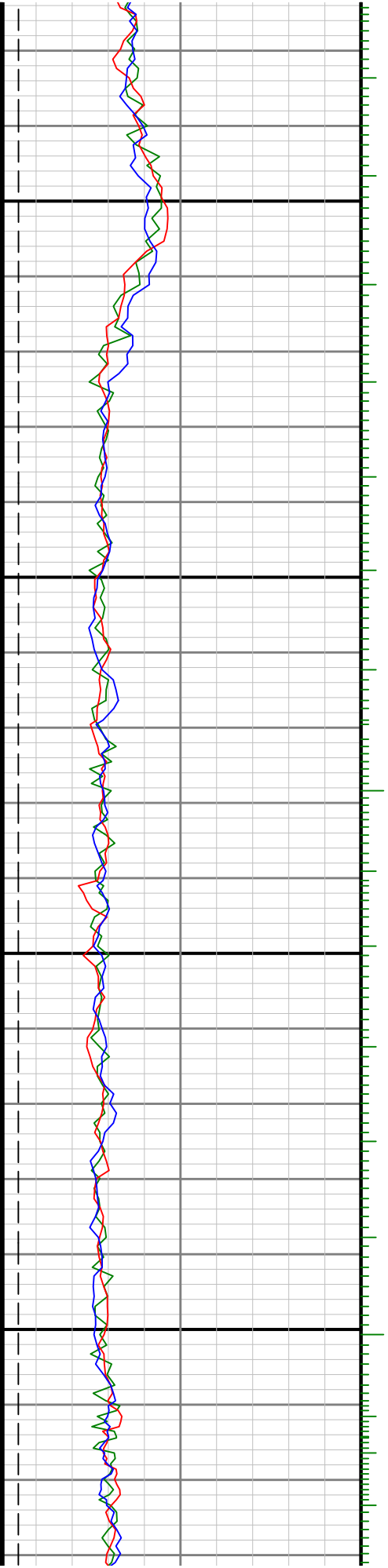
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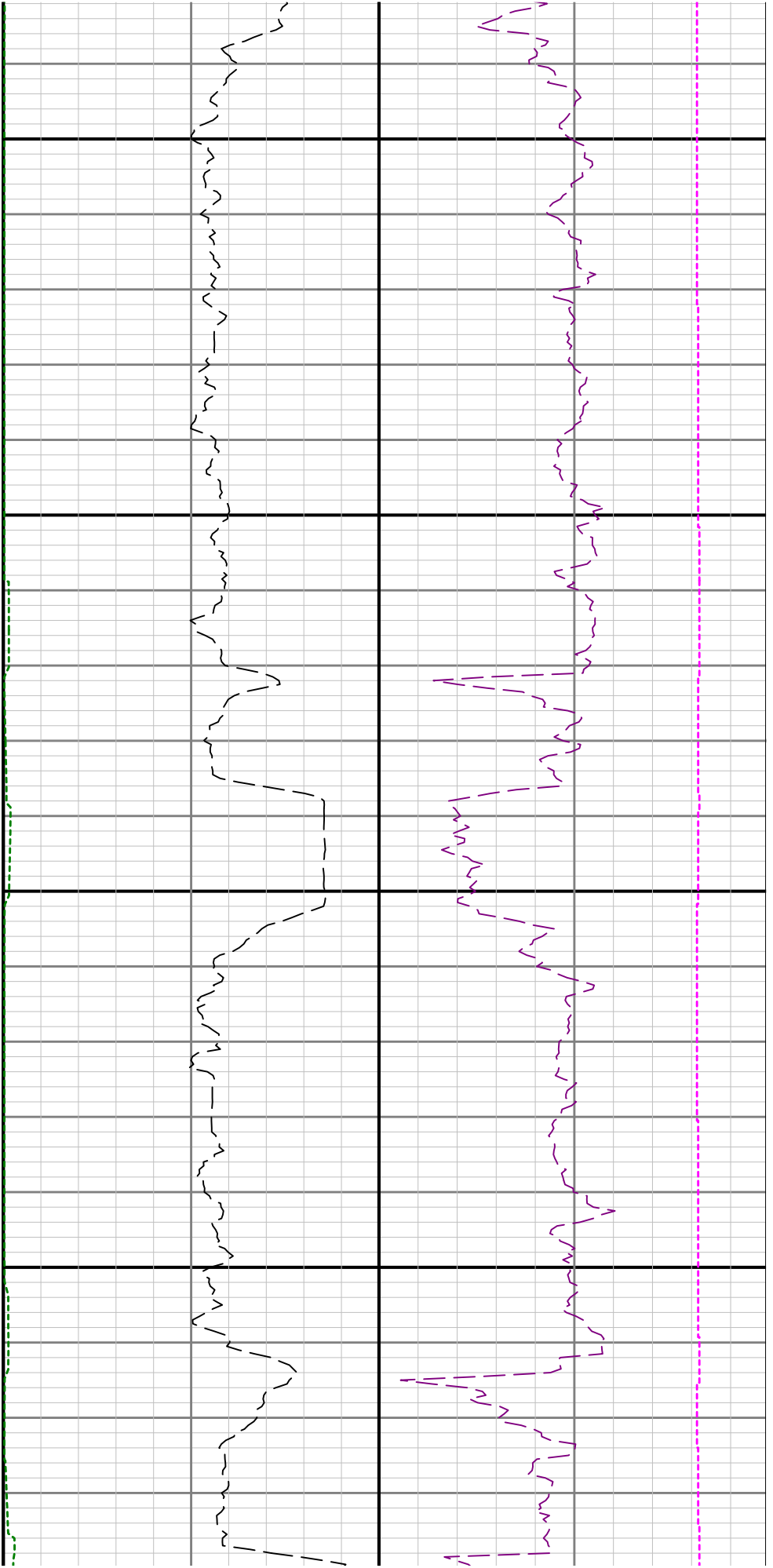




13500

13600





13700

13800

