



## REALTIME LOG

# Gamma Ray

Scale:		Company: Anadarko				
1-240 MD		Well: Swartz 27N-25HZ				
Depth Reference:		Field: Wattenburg				
Driller's Depth		County: Weld		Country: United States		
Status:		State: Colorado		Other Services:		
Final Print		Surface Location: Latitude: Longitude:		Directional		
API No: 05123426820000		SEC: 13 TWN: 2N RGE: 6SW				
Job ID: 8529343						
Permanent Datum (P.D.): Mean Sea Level		Elevation: 0.00 ft		Elev. KB: N/A		
Log Measured From: Rig Floor		Above P.D. 4897.00 ft		Elev. DF: 4897.00 ft Elev. GL: 4880.00 ft		
Dates		Interval Logged		Magnetic Field Reference		
Date From: 2017-05-03 Date To: 2017-05-06 Spud Date: 2017-05-03		Top: (ft) 6200.00 Bottom: (ft) 14274.00		Azi Reference North: True Total Magnetic Field Strength: (nT) Mag to Reference North Correction: (deg)		
				Dip Angle: (deg) 66.72 52435 8.09 E		
Borehole Record				Casing Record		
Hole Size (in)	From (ft)	To (ft)	Size (in)	Weight (lb/ft)	From (ft)	To (ft)
13.500	17.00	1887.00	9.625	25.00	17.00	1877.00
7.875	1887.00	14274.00				
Mud Record				Deviation Record		
Type	From (ft)	To (ft)	Hole Size (in)	Interval (ft)	Incl   Az (Start)	Incl   Az (End)
Oil Based Mud	1887.00	14274.00	7.875	12387.00	0.00   261.23	90.03   178.72
Acquisition System				Other		
Software Version						
Baker Hughes Cadence	RT4.1		Rig:	XTreme 22		
PlotStudio	4.1.7763.3		Contractor:	XTreme		
			District:	RMD	Unit:	D & E

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## 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	Bottom	From	To	Start Logging	End Logging	
						(ft)	(ft)	(ft)	(ft)			
1	1	2.500	PDC	2.50	Motor	6200.00	14229.00	1887.00	14274.00	2017-05-03 20:56	2017-05-06 18:42	54.01

## Crew

Name	Arrive Wellsite	Depart Wellsite	Name	Arrive Wellsite	Depart Wellsite	Name	Arrive Wellsite	Depart Wellsite
Teni Onafowokan	2017-05-03	2017-05-07	Will Roth	2017-05-03	2017-05-07			

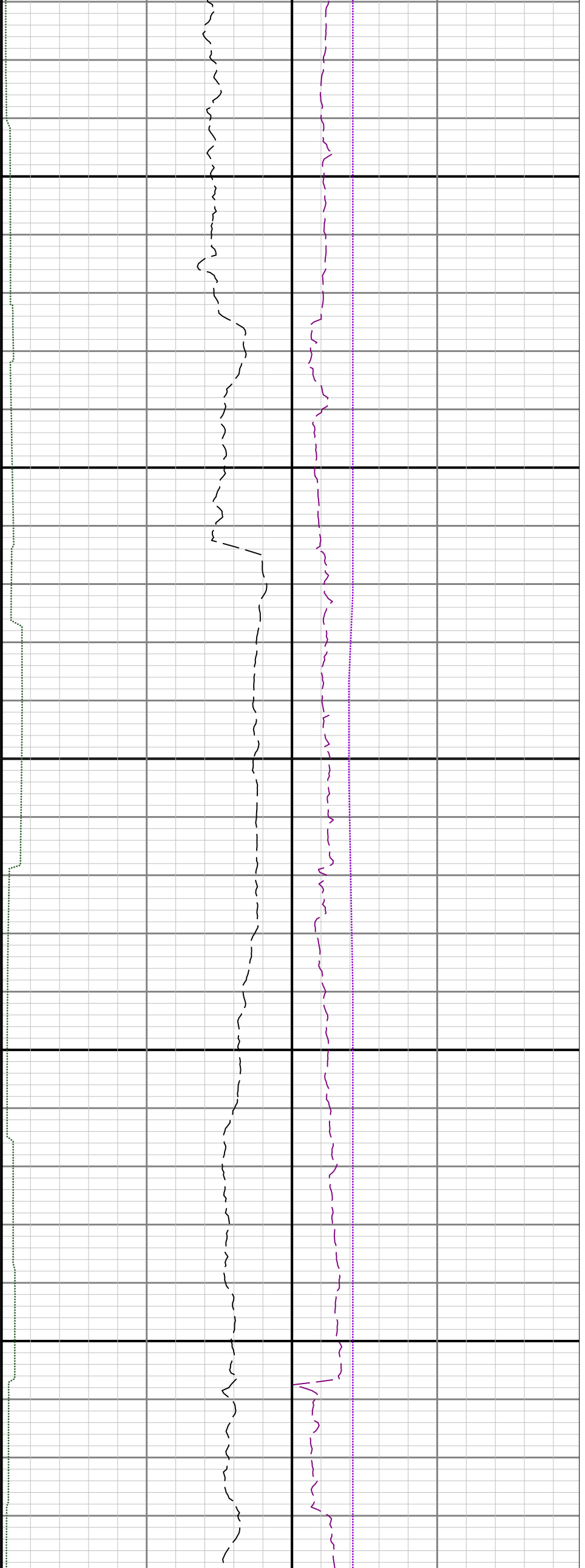
## Mud Properties Record

Date / Time	Run No.	Measured Depth (ft)	Mud Type	Density (ppg)	Viscosity (cP)	pH	Fluid Loss (cm3)	Oil / Water	Source	Total Chlorides (ppm)	K+ (%)
2017-05-03 18:00	1	1887.00	Oil Based Mud	9.2	82	N/A	0.0	71.7/28.3	Active Pit	40000	0.00
2017-05-04 18:25	1	5588.00	Oil Based Mud	9.3	72	N/A	0.0	67.8/32.2	Active Pit	32500	0.00
2017-05-05 18:00	1	9787.00	Oil Based Mud	9.2	69	N/A	0.0	65.2/34.8	Active Pit	38500	0.00

## Equipment and Service Data

Run	Tool	Serial	Measurement	Sensor	Bit	Max	Min
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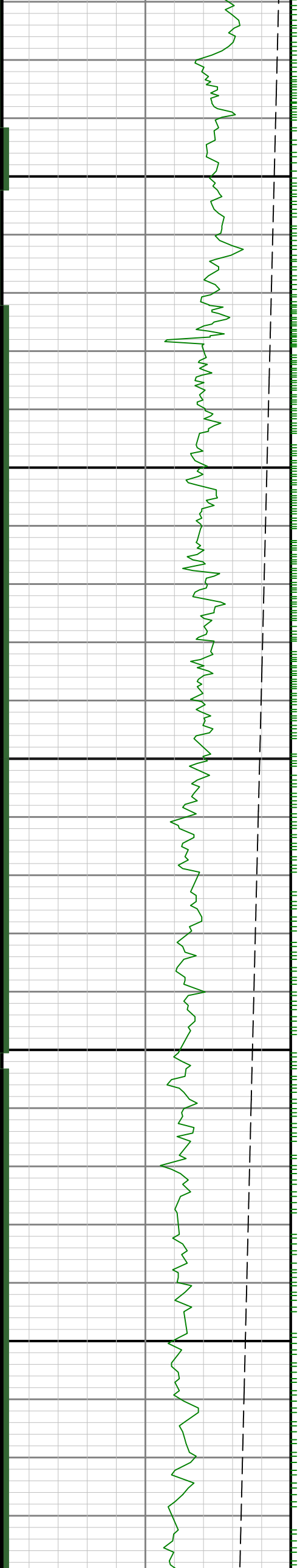


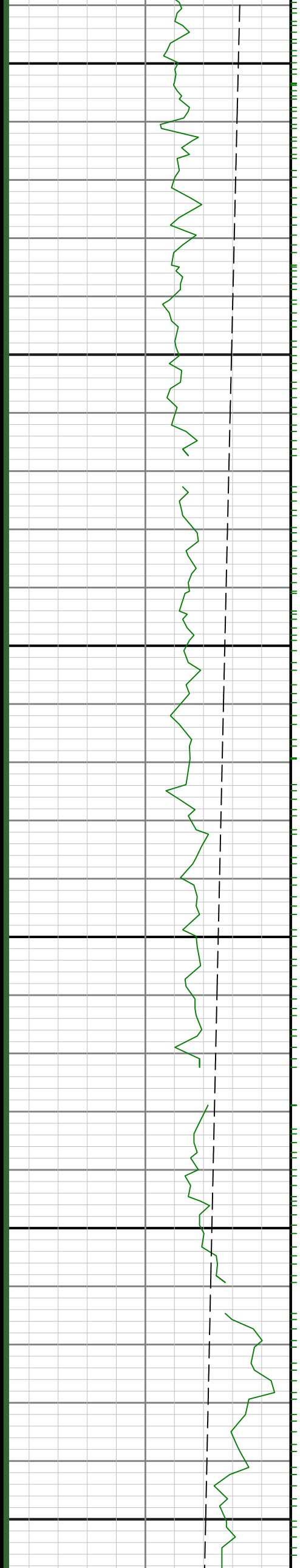


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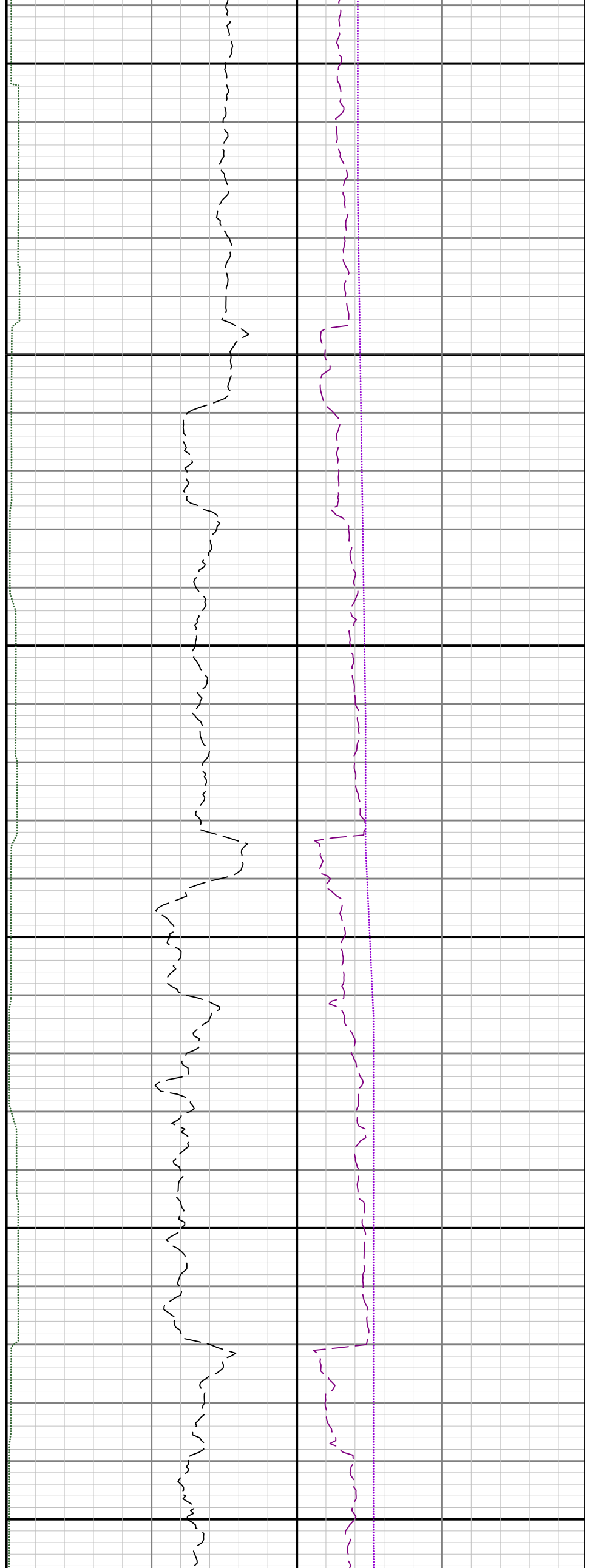


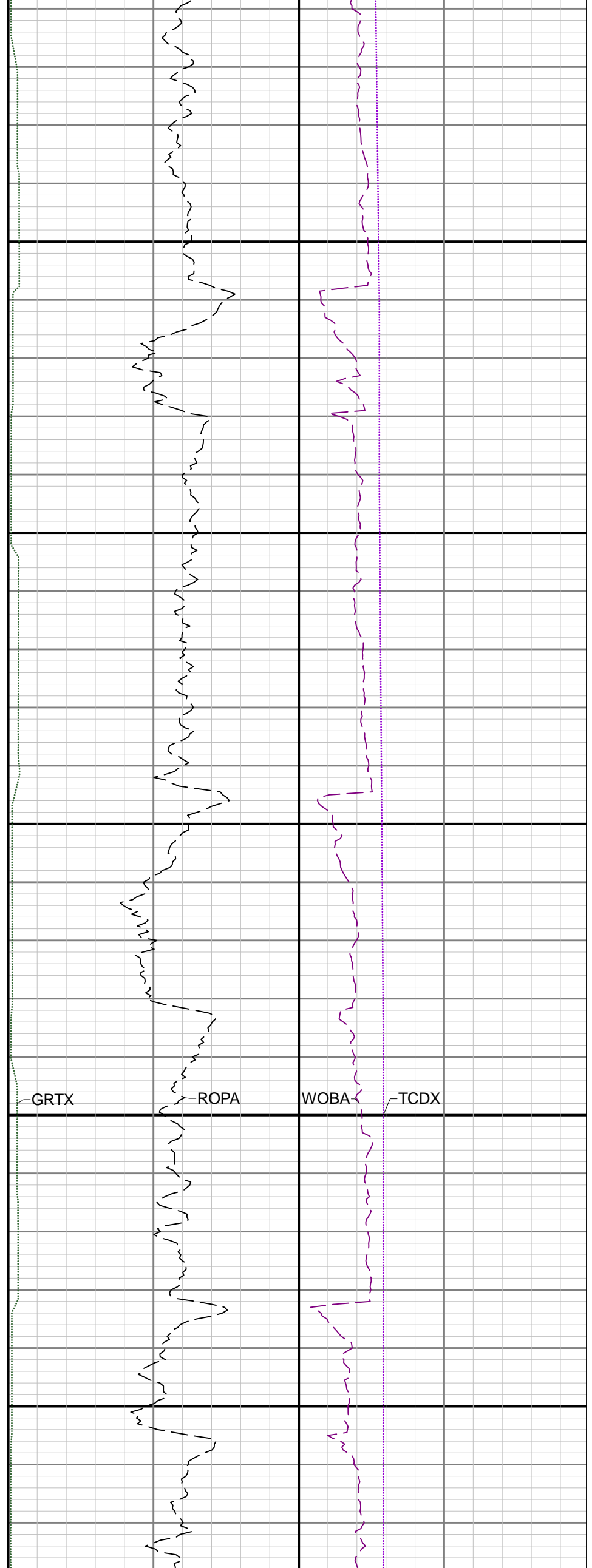
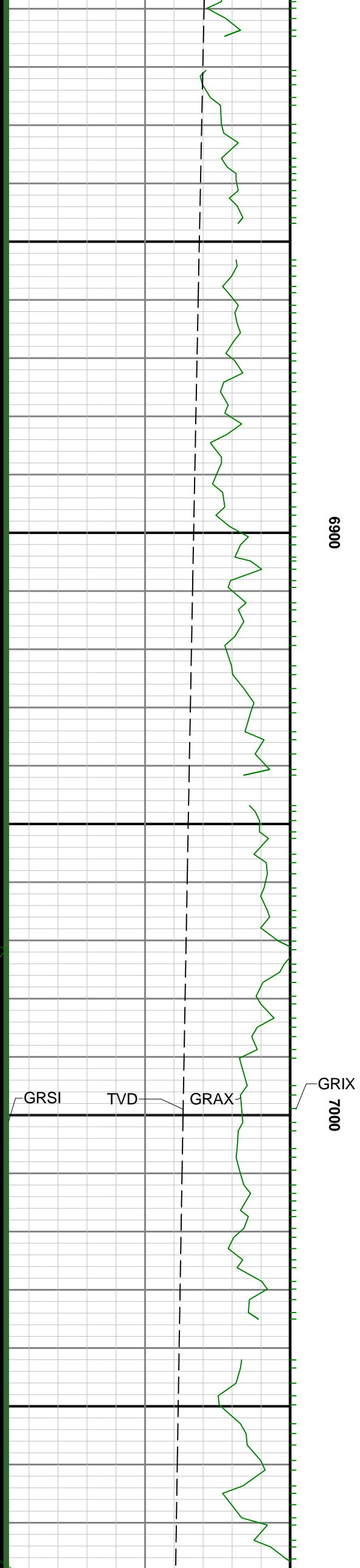


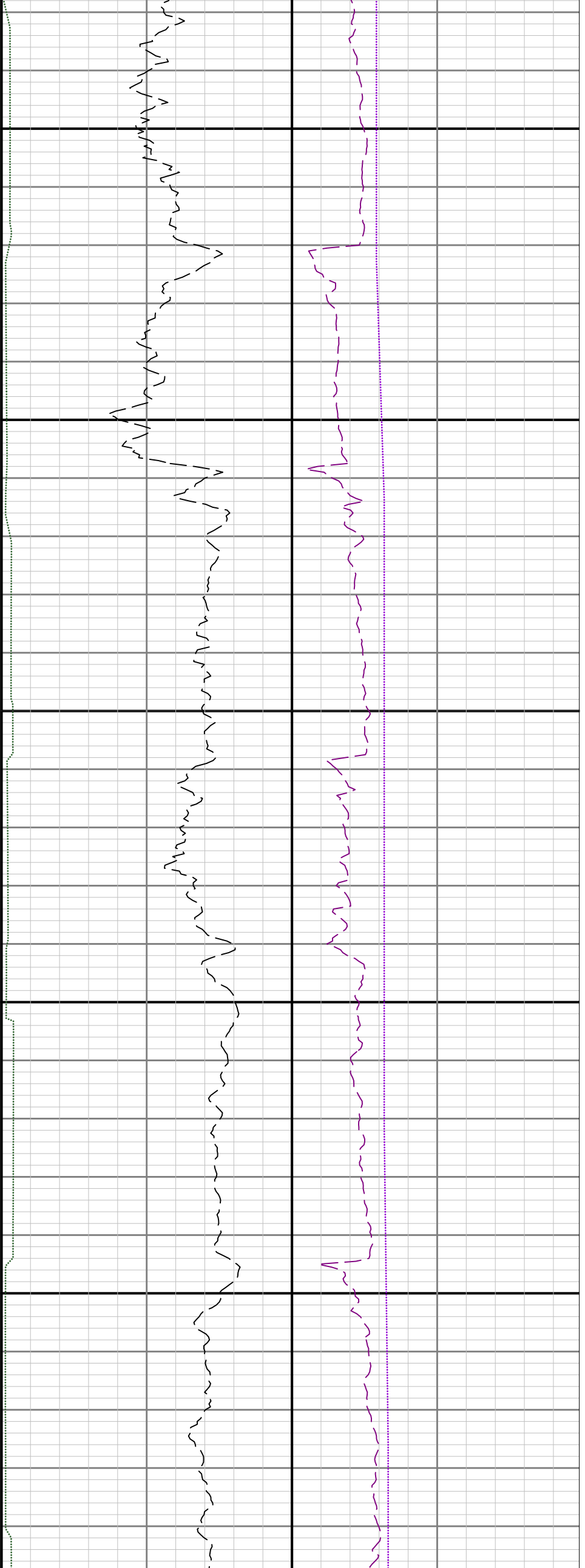
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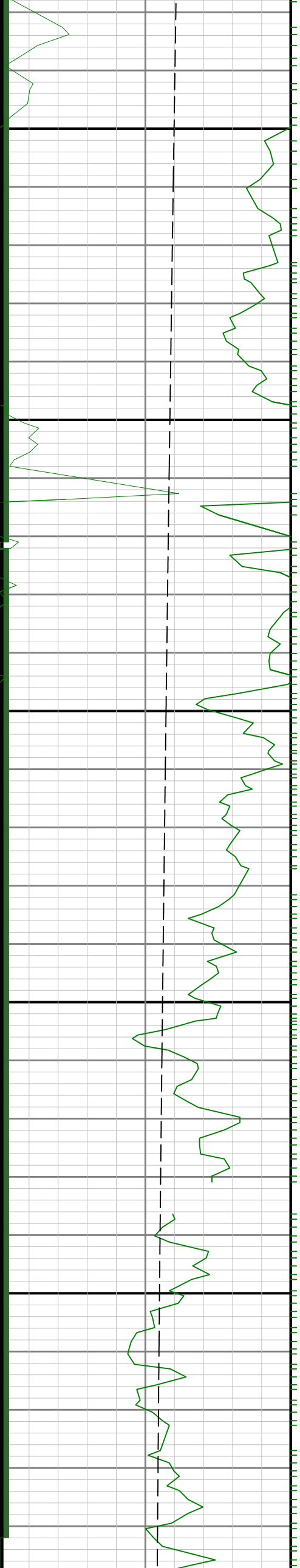


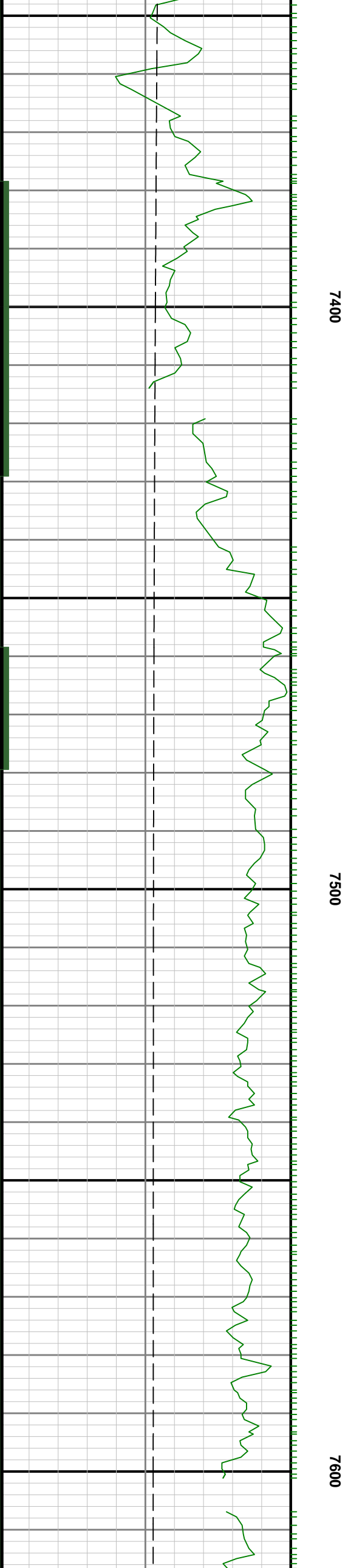
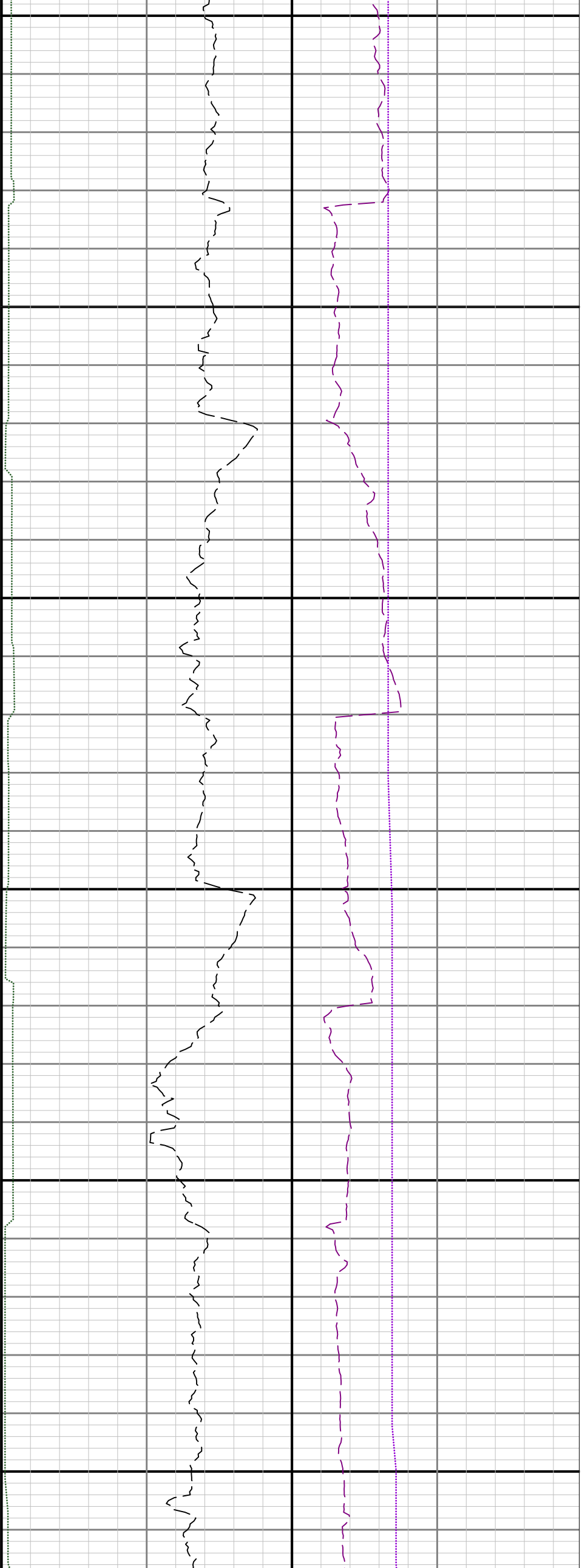


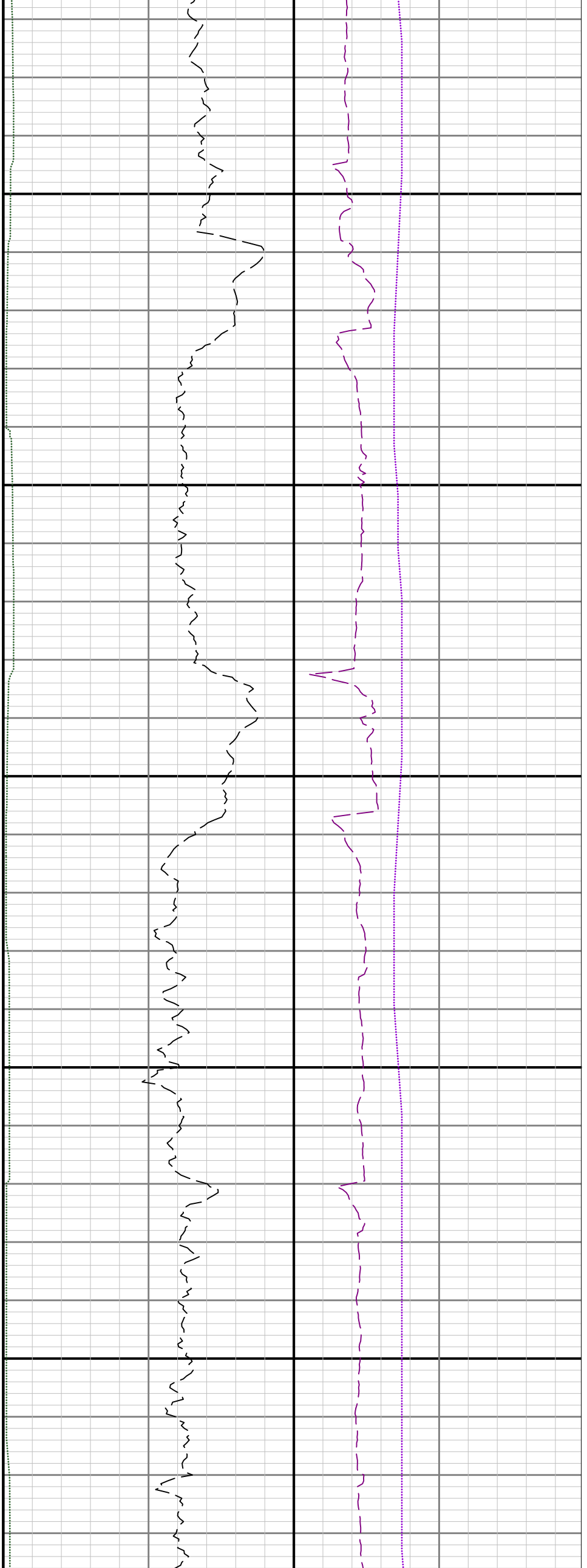
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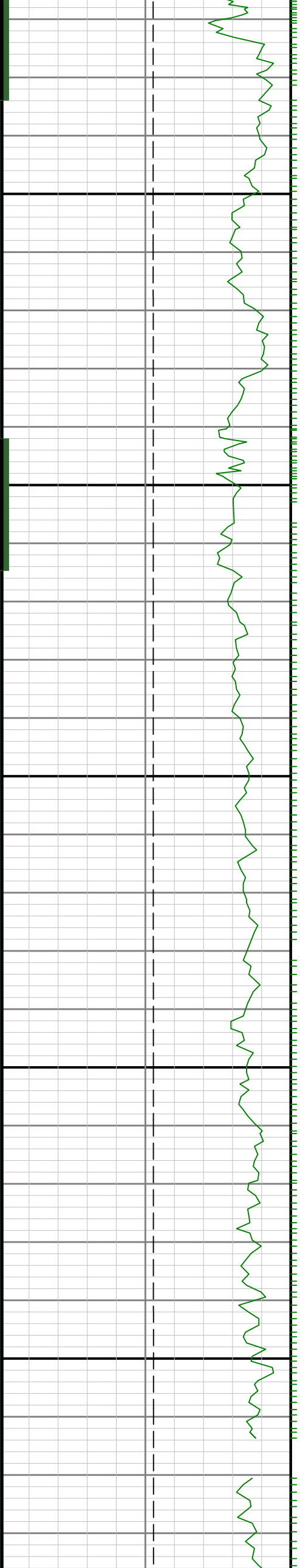




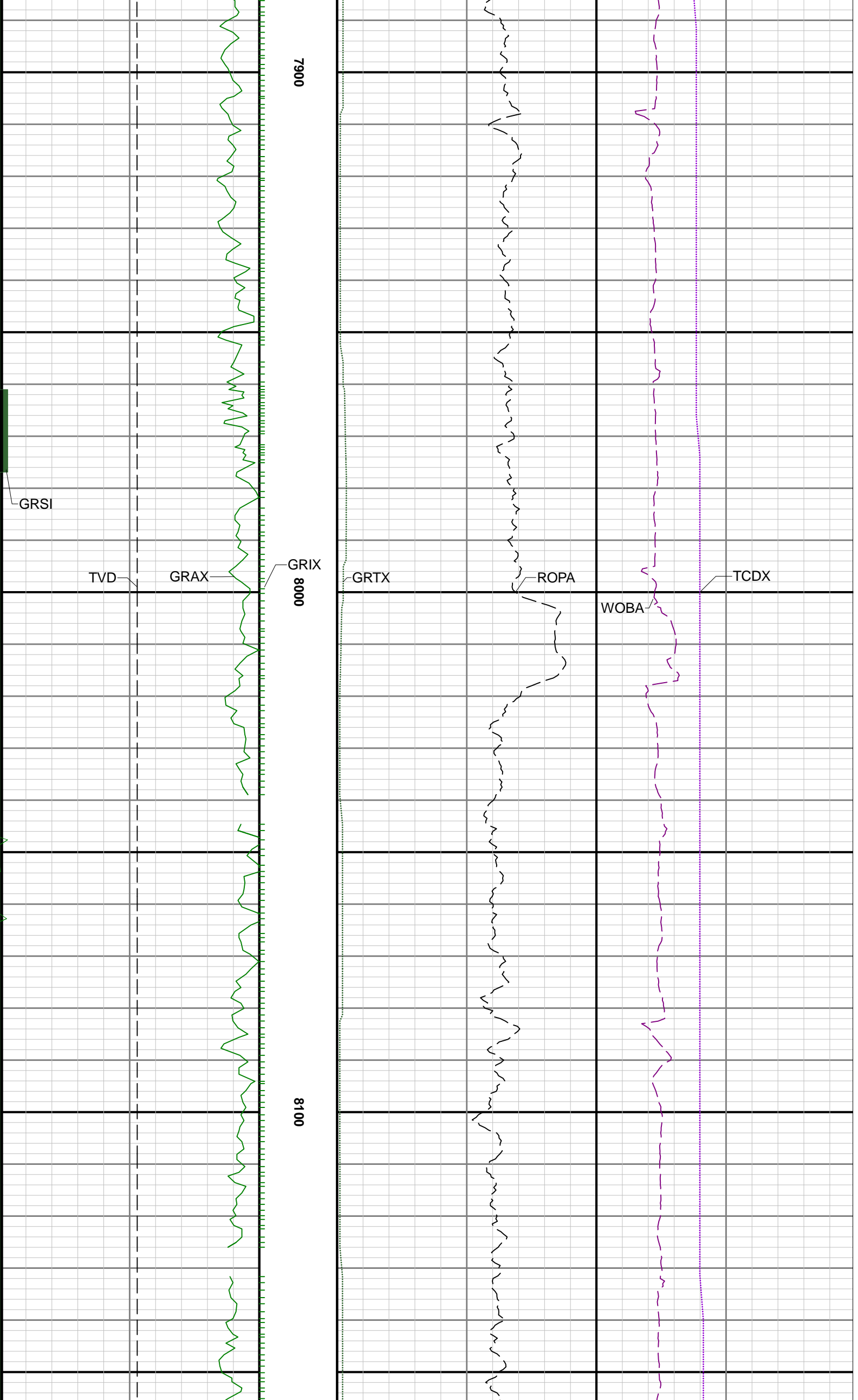


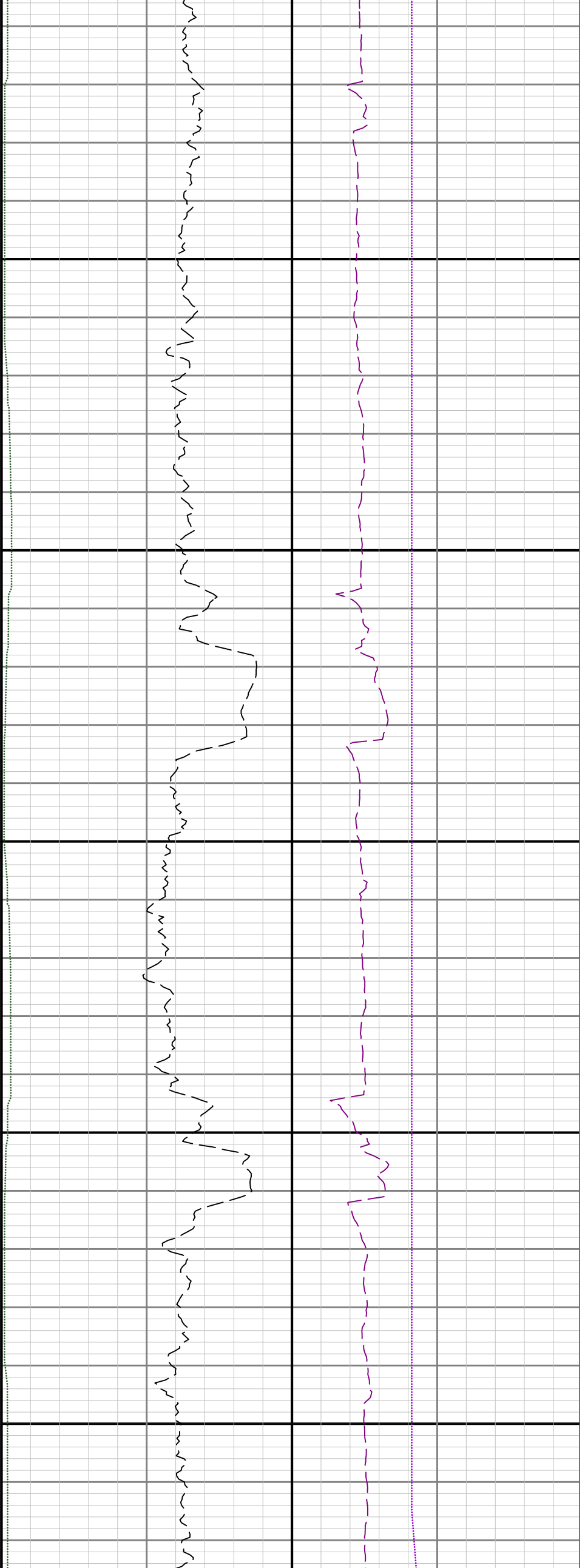
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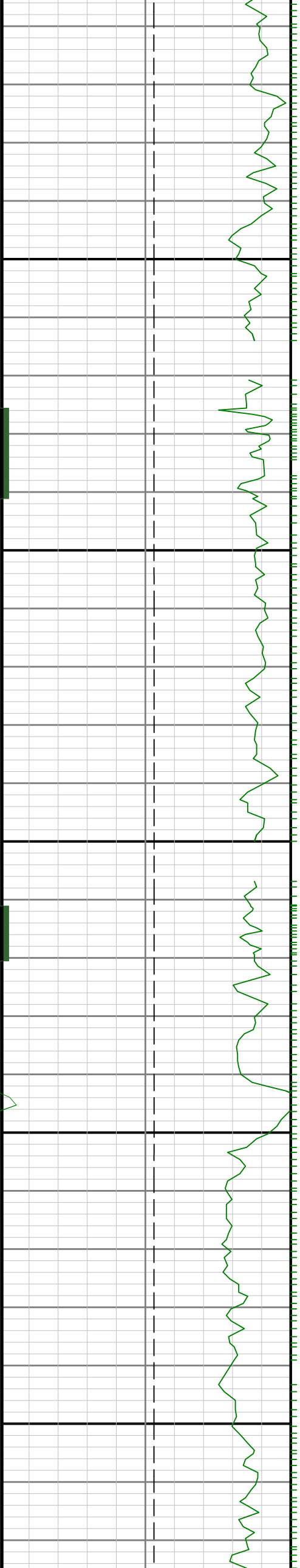


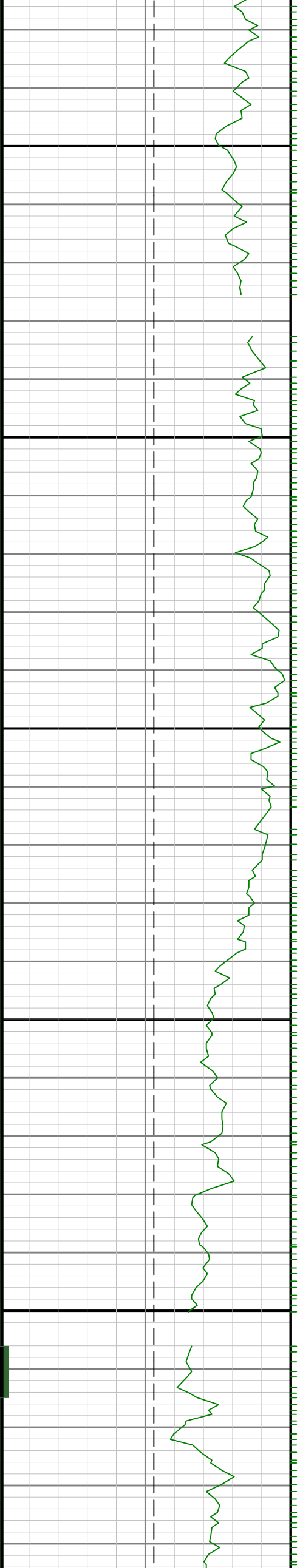


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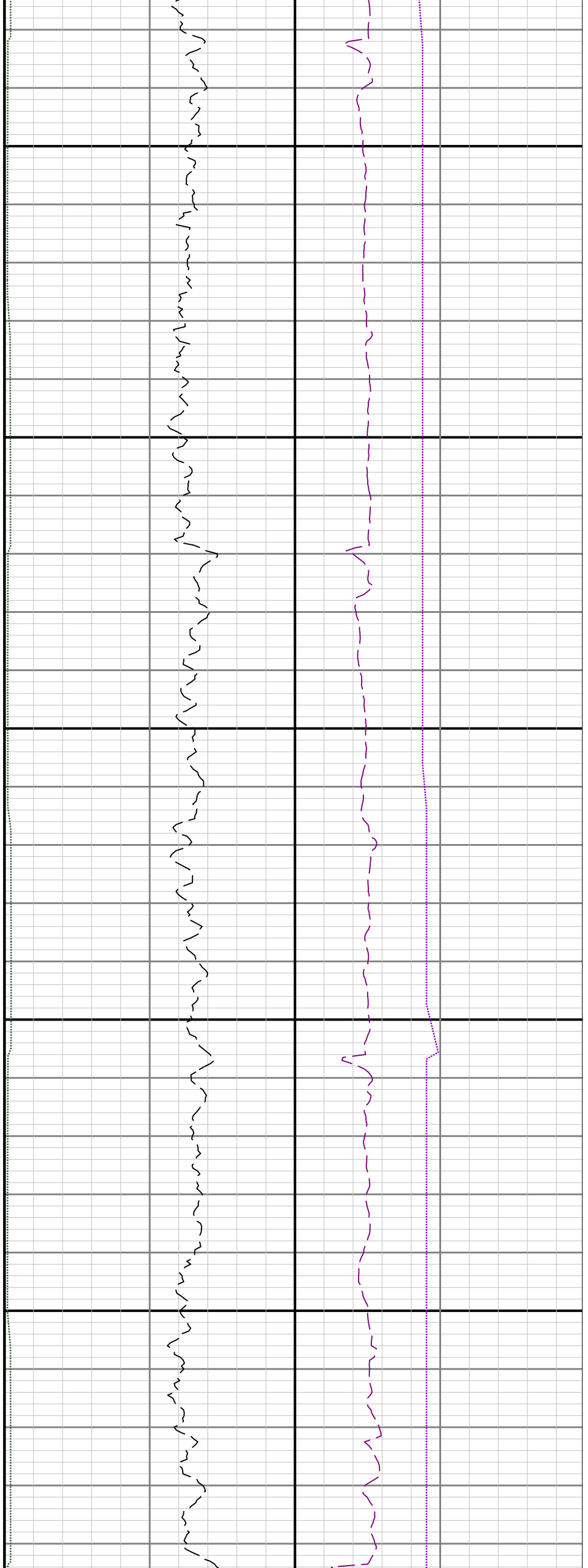
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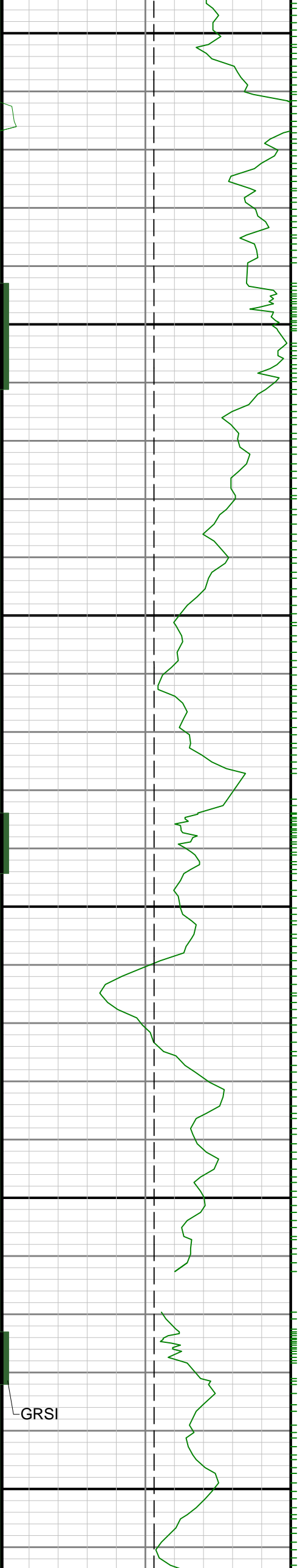




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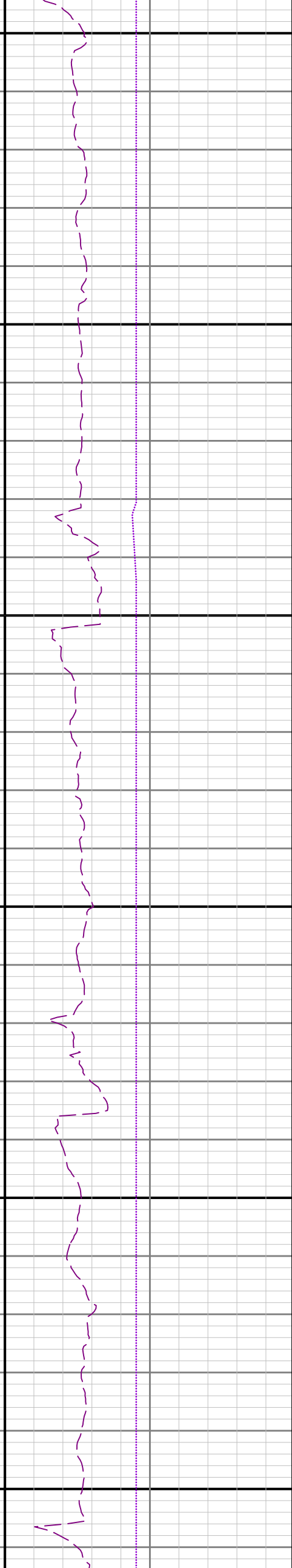


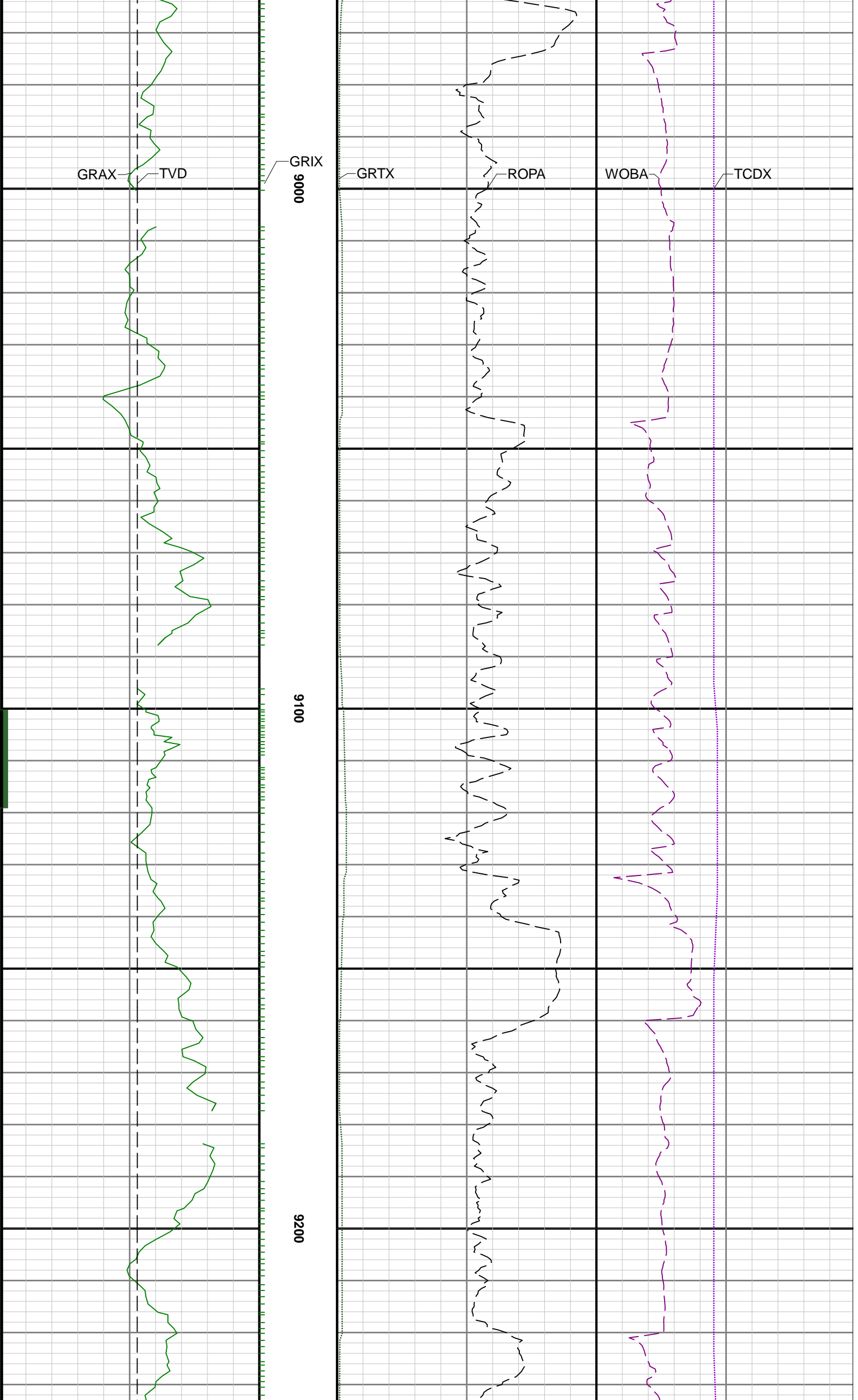


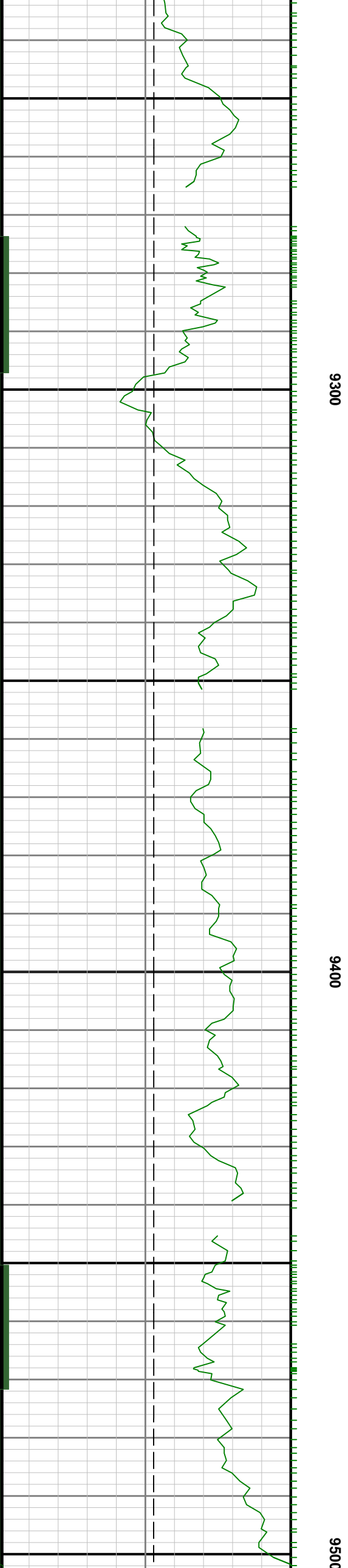
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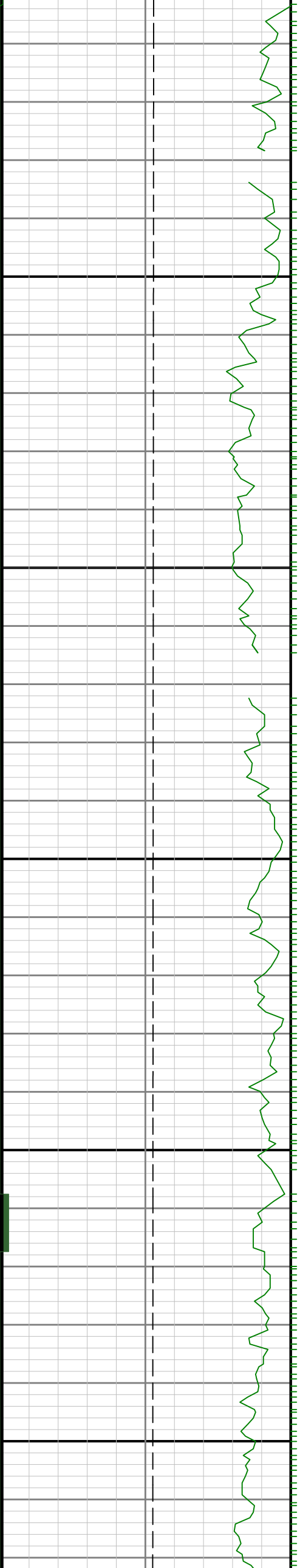
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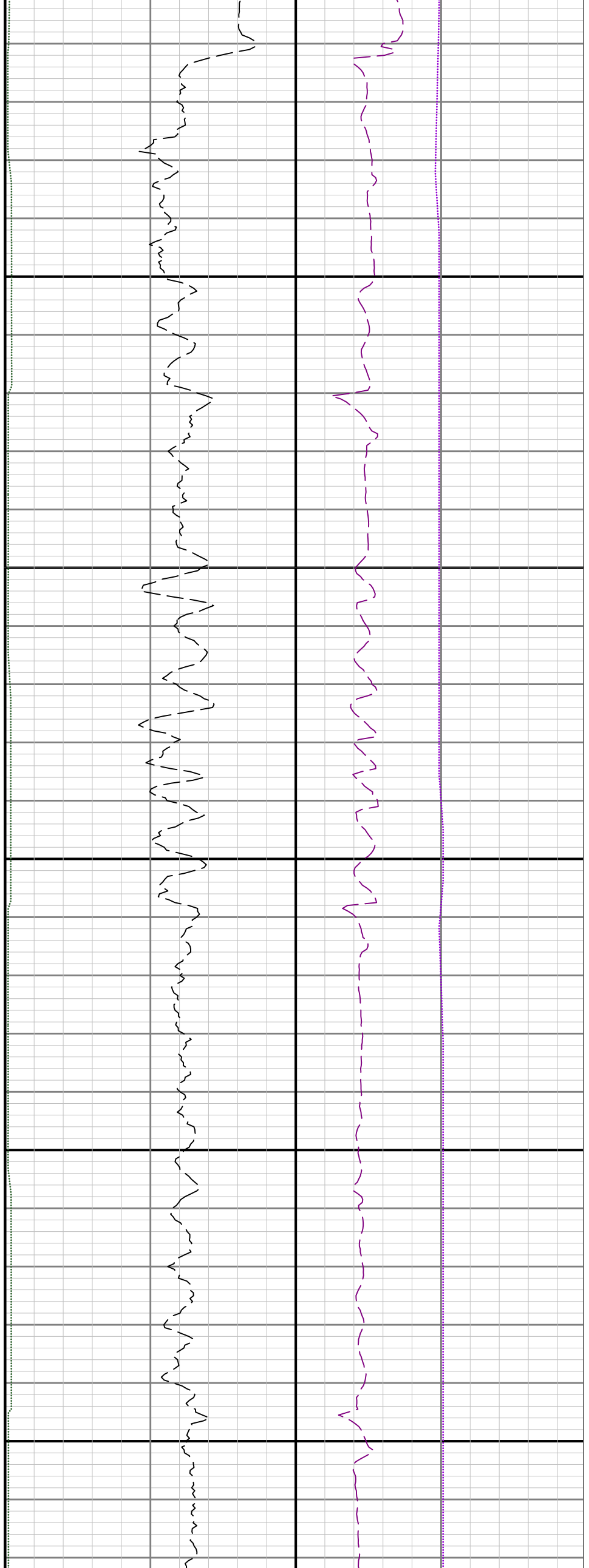






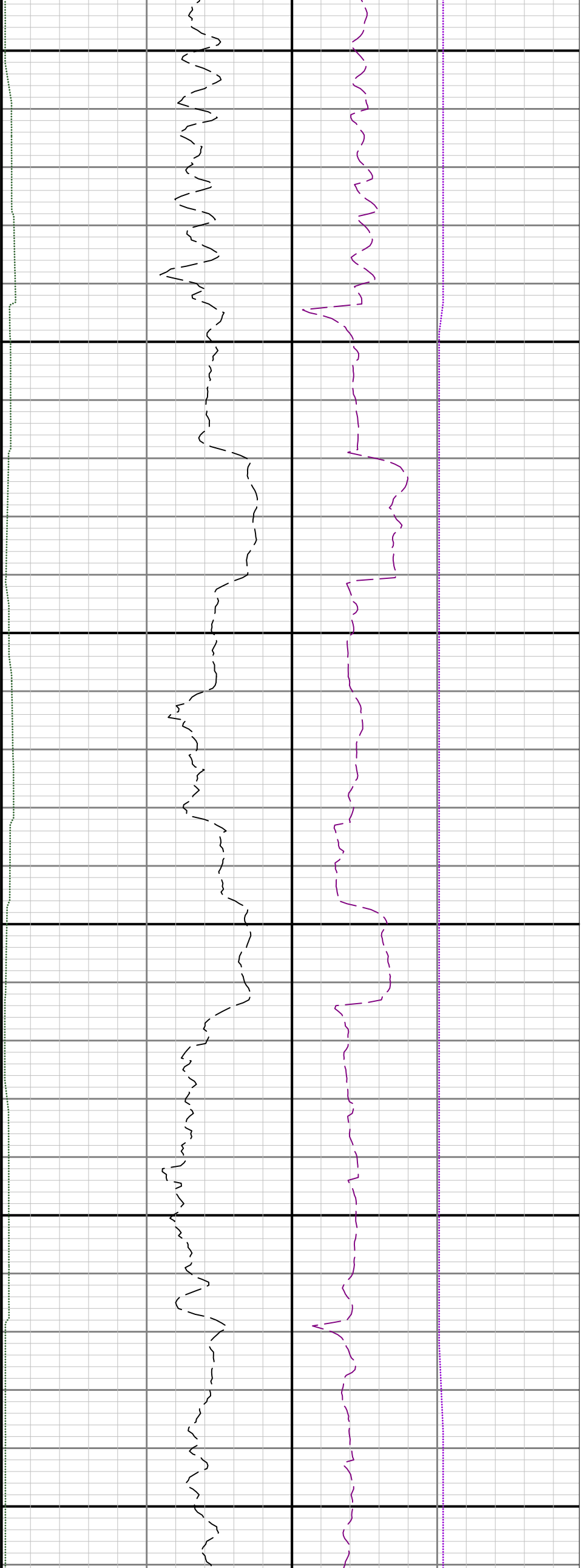
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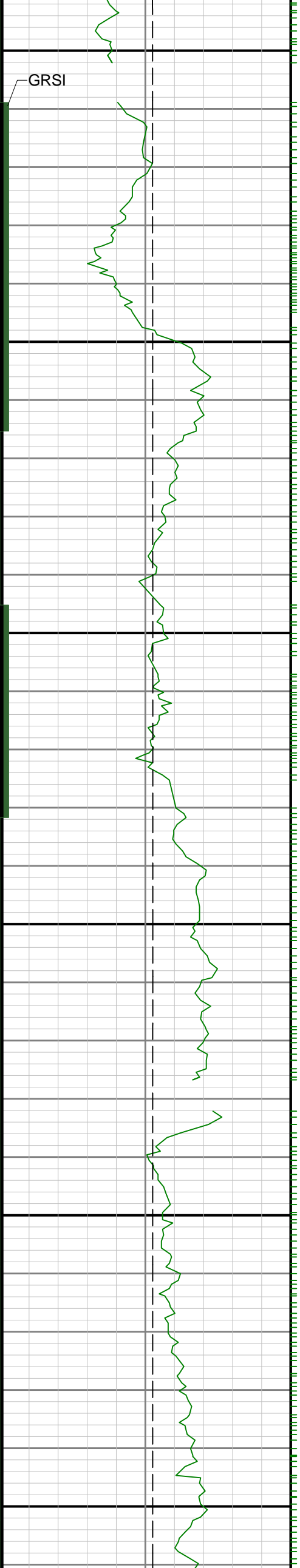




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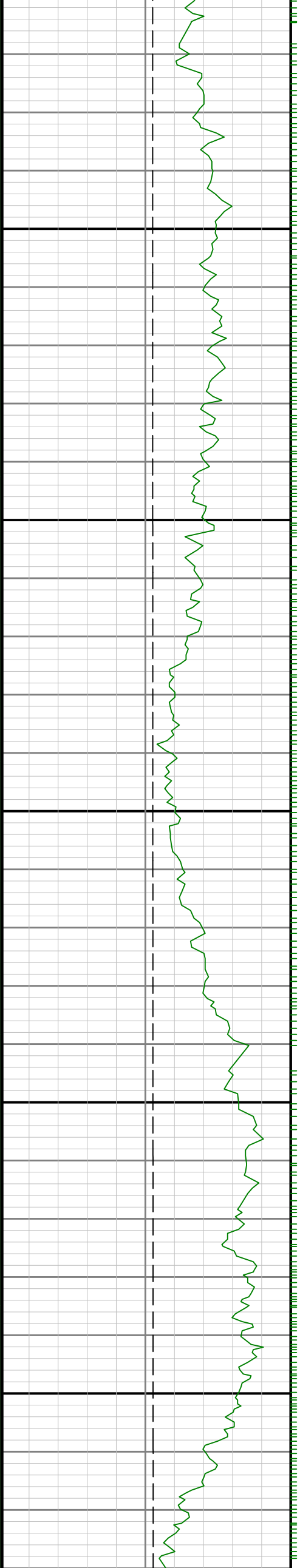


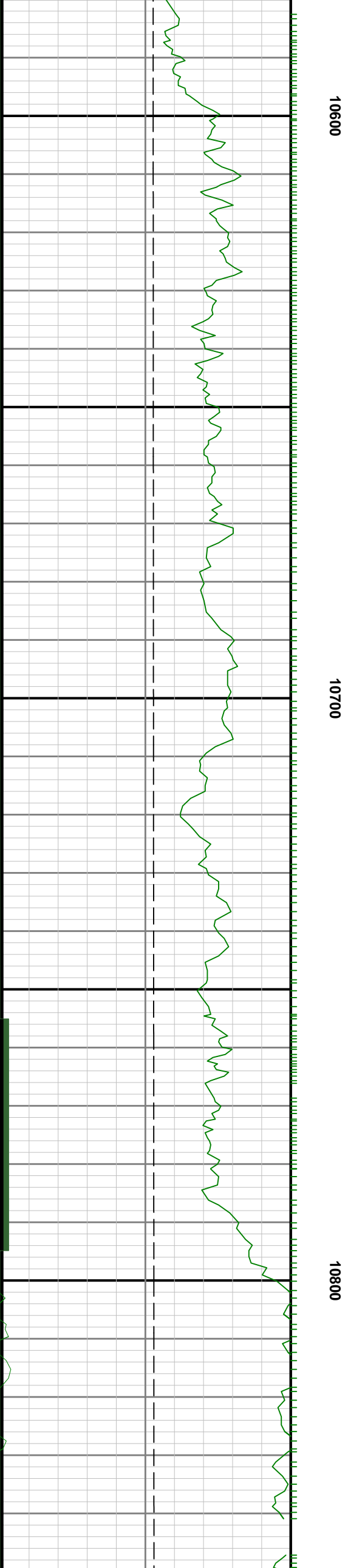
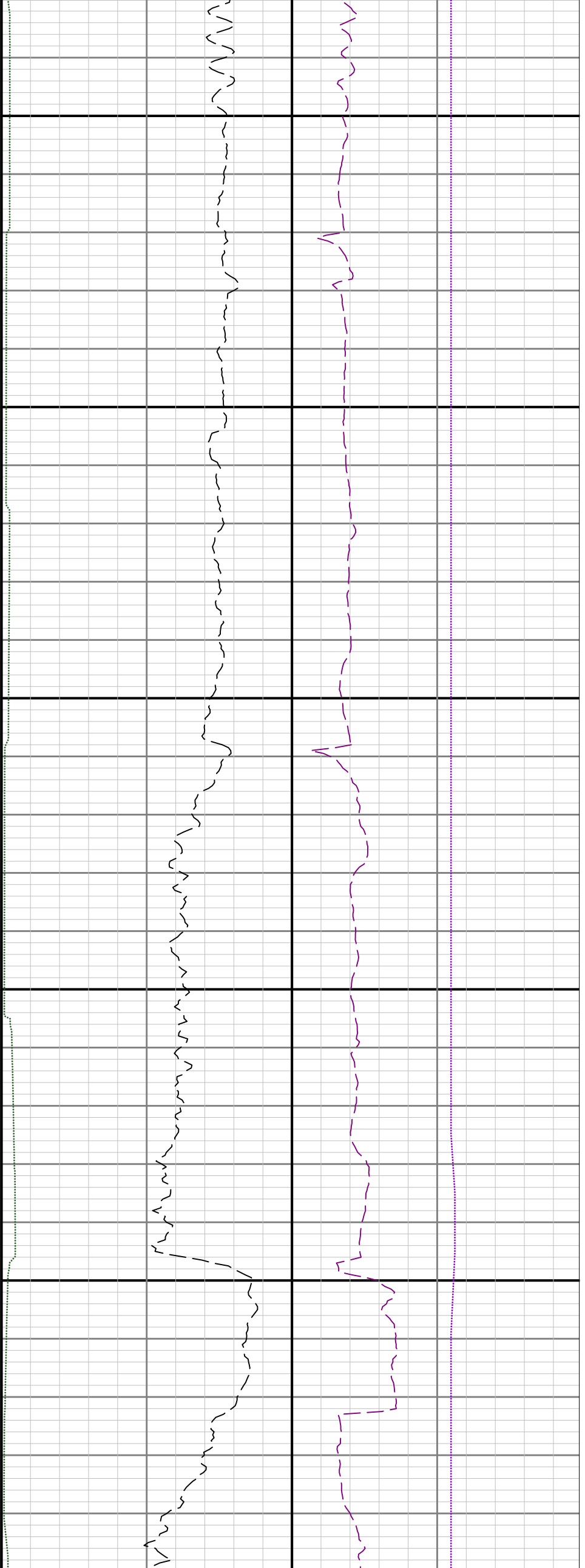
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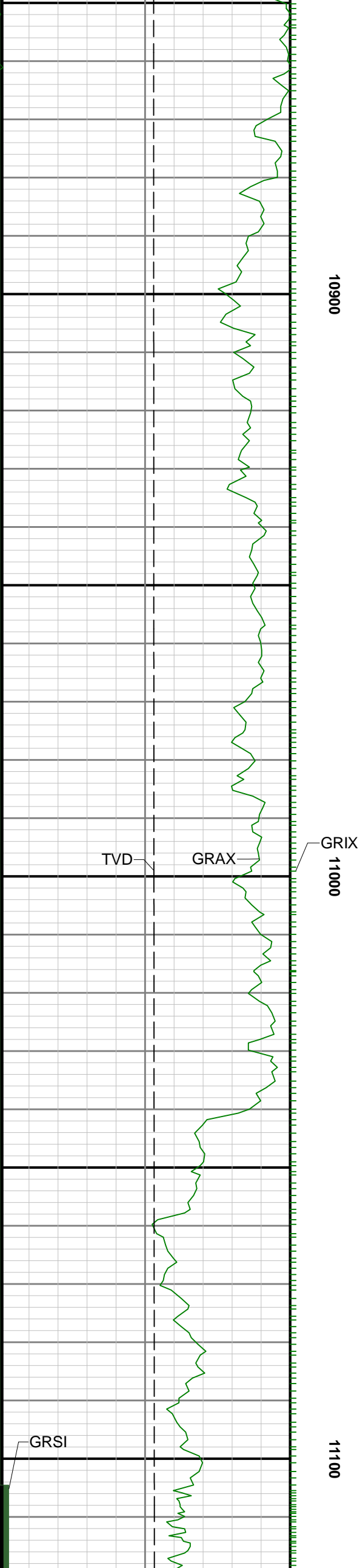
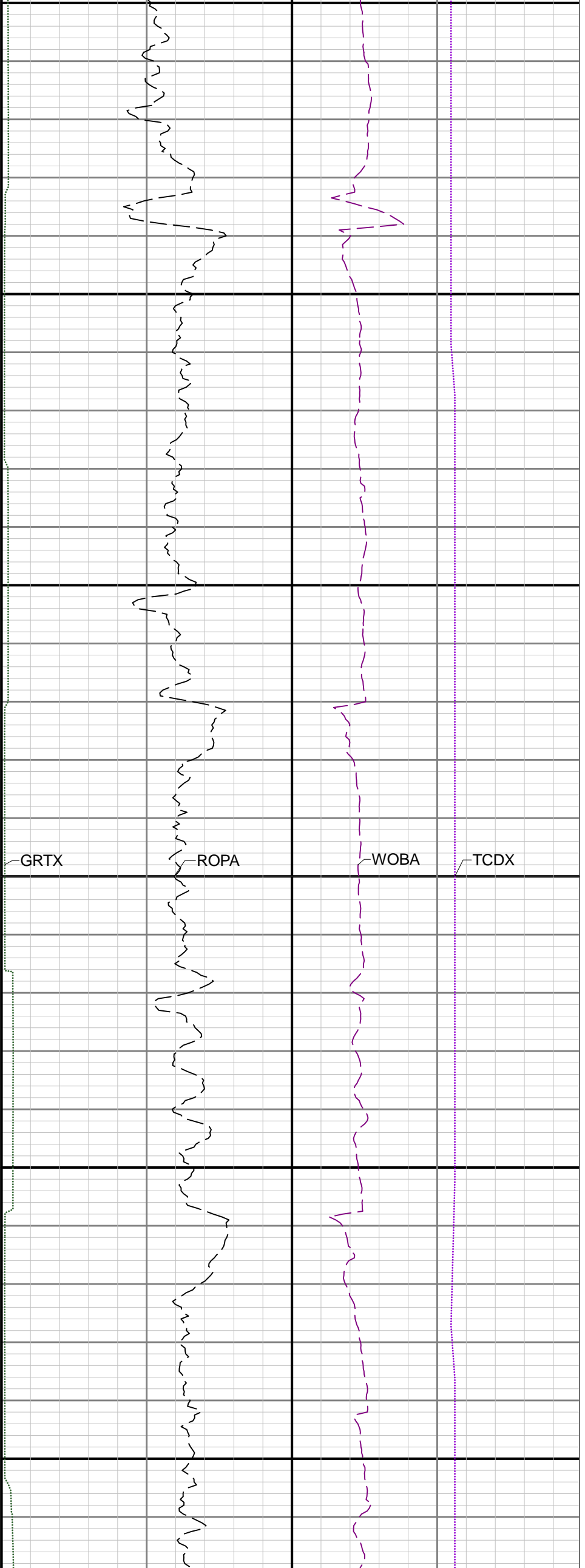


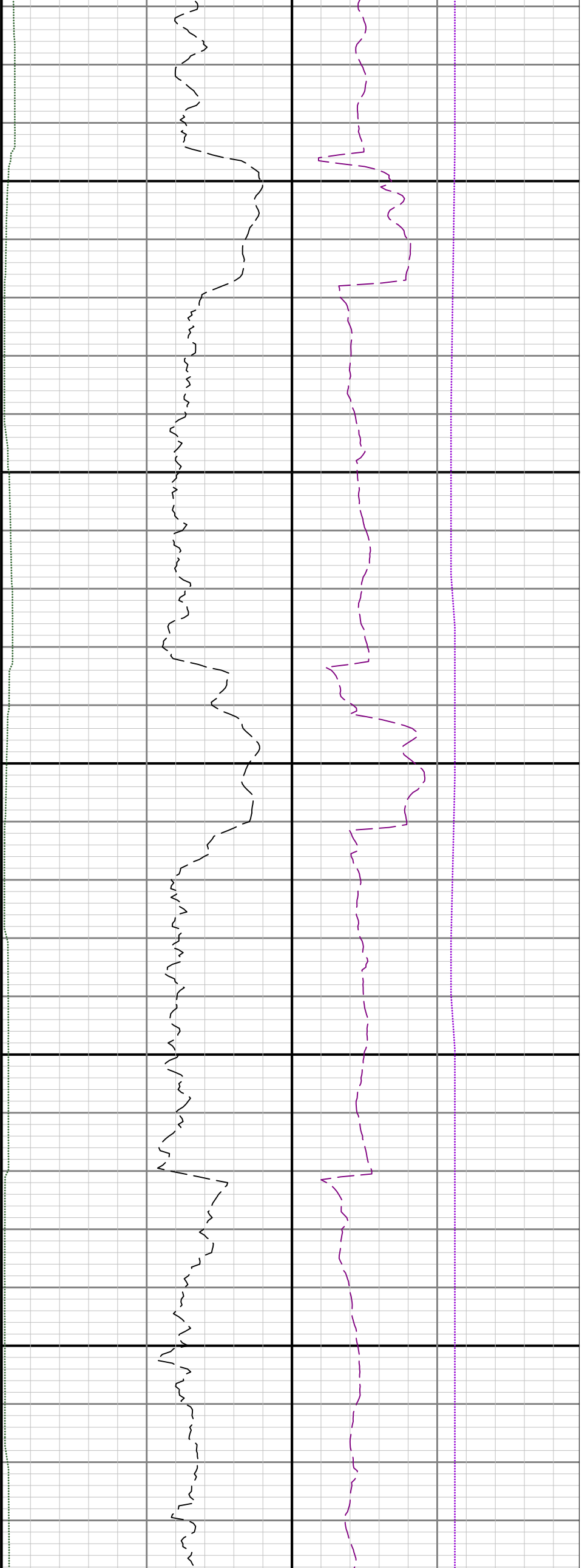
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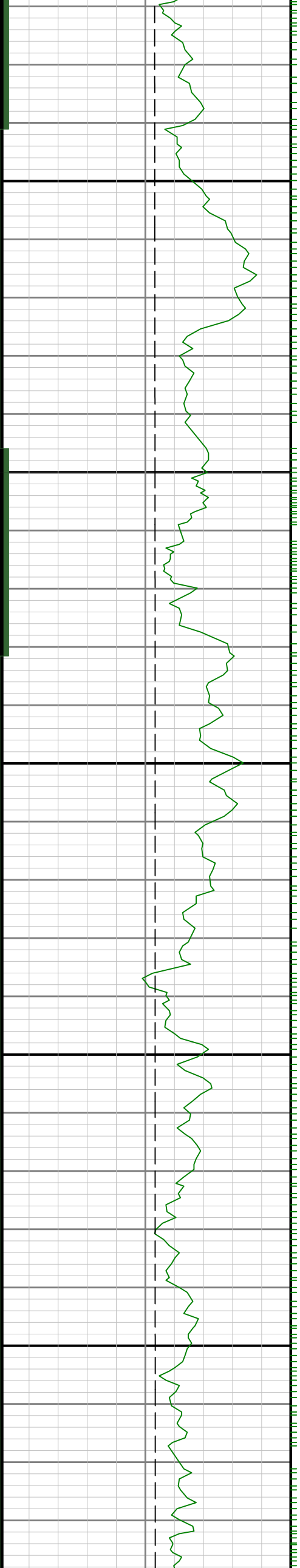


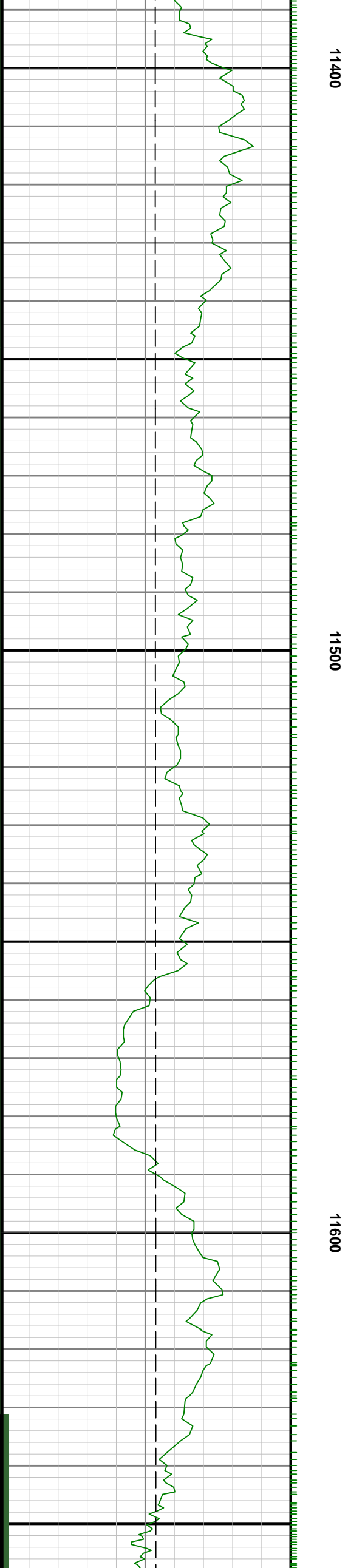
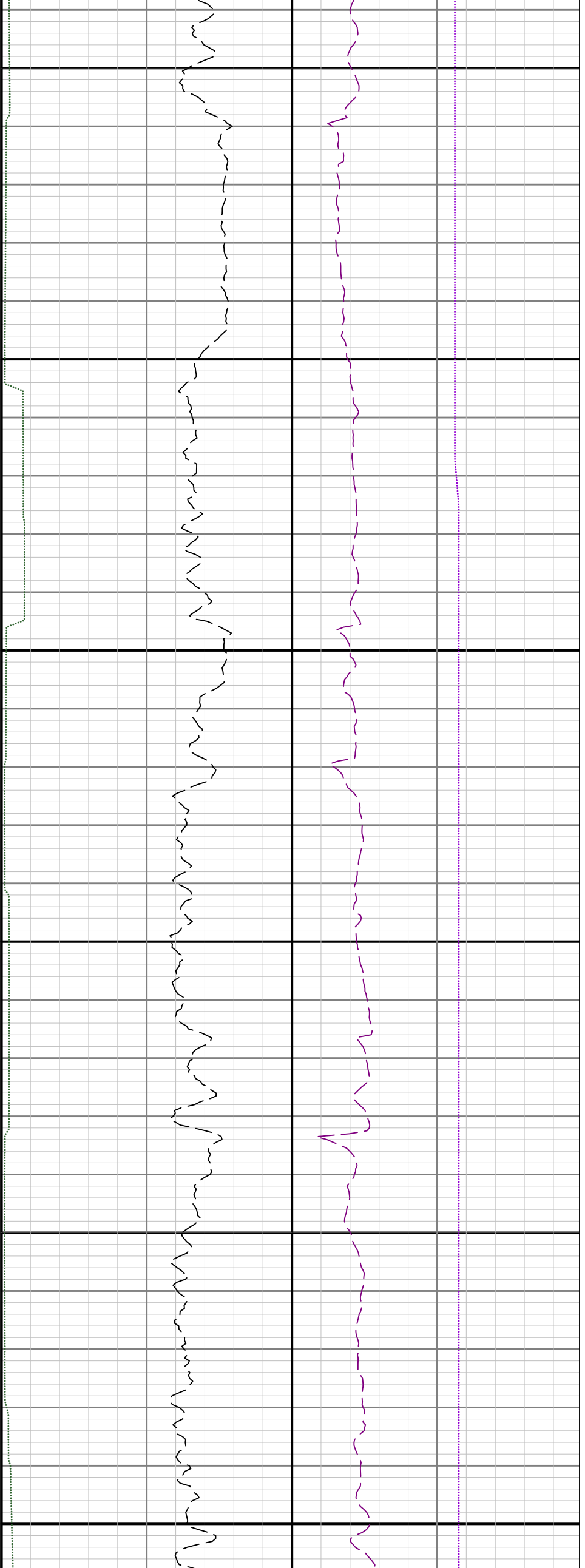




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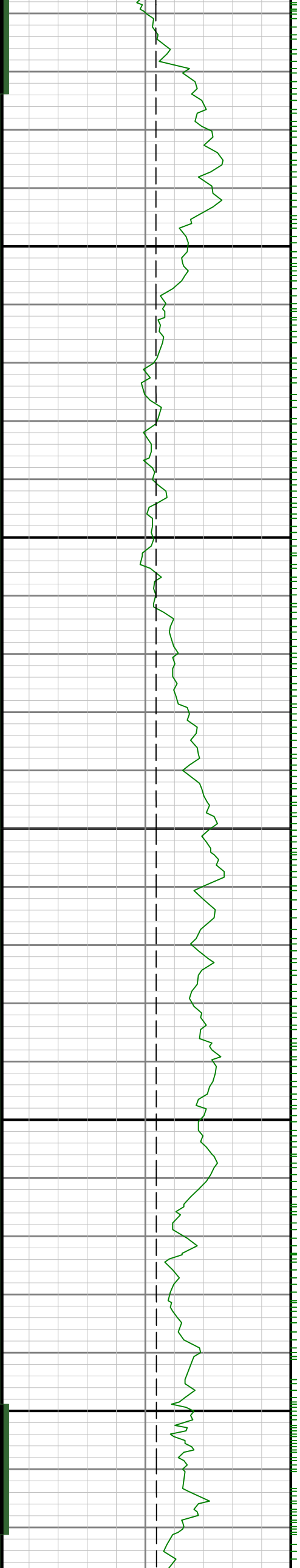


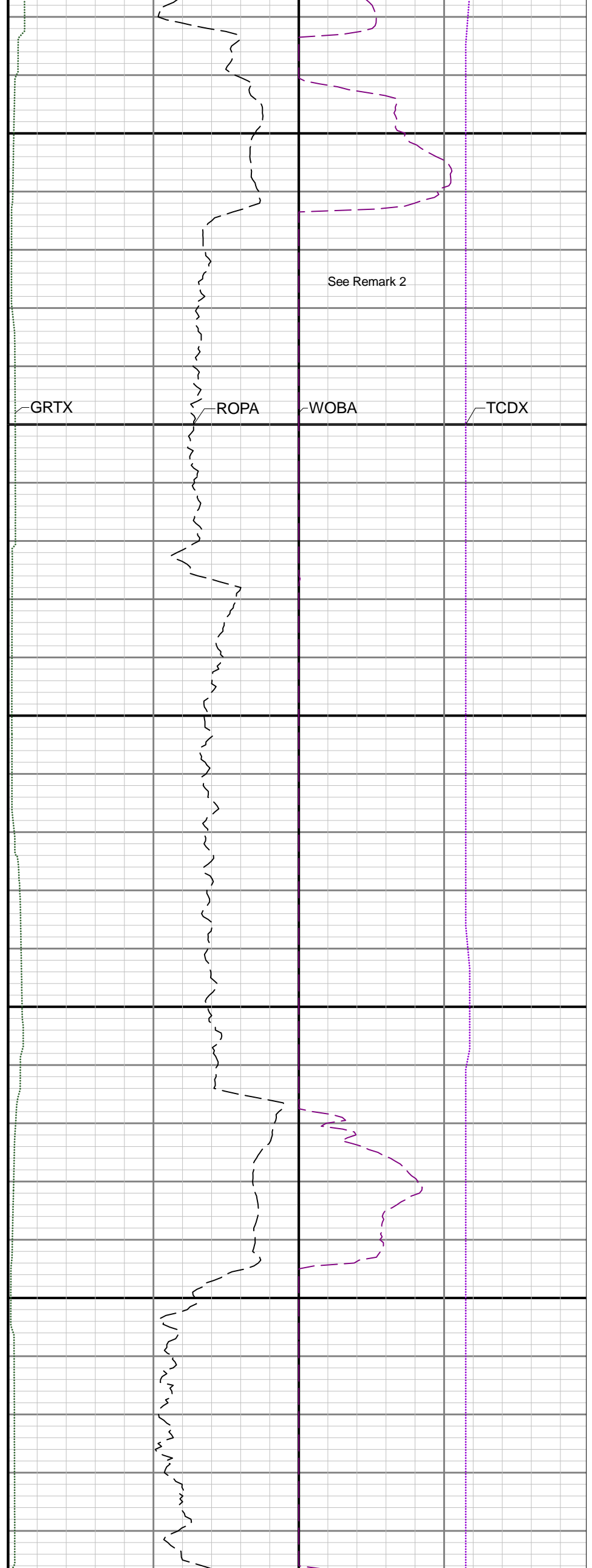
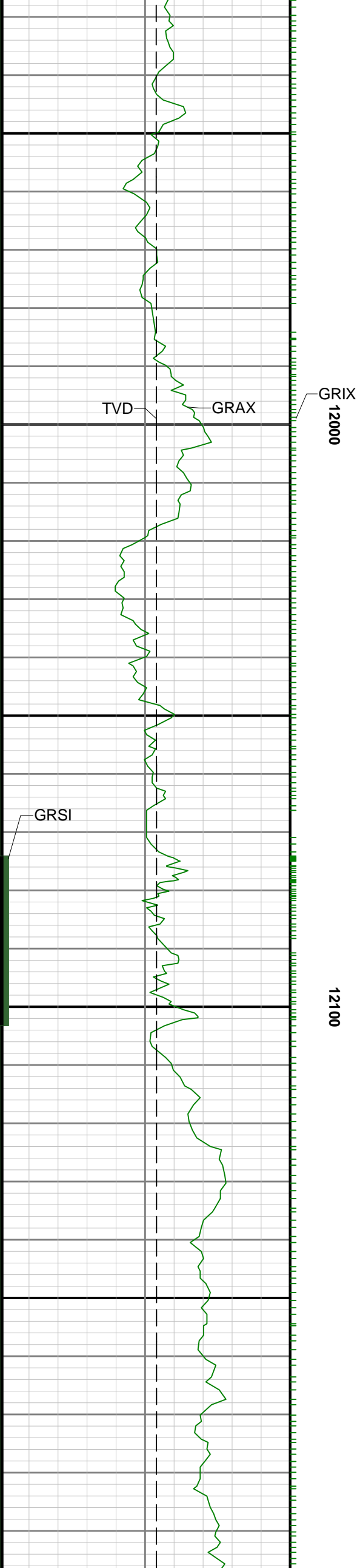


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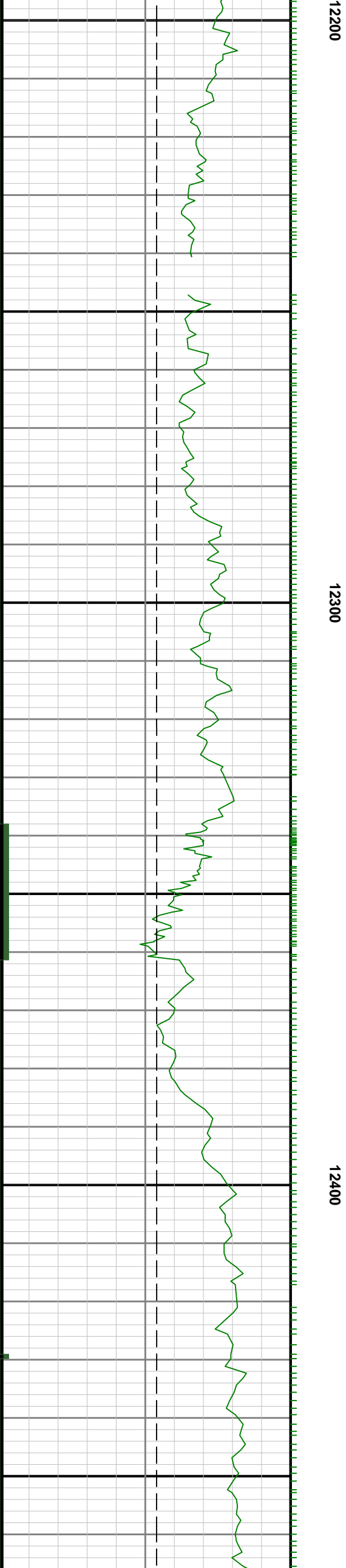
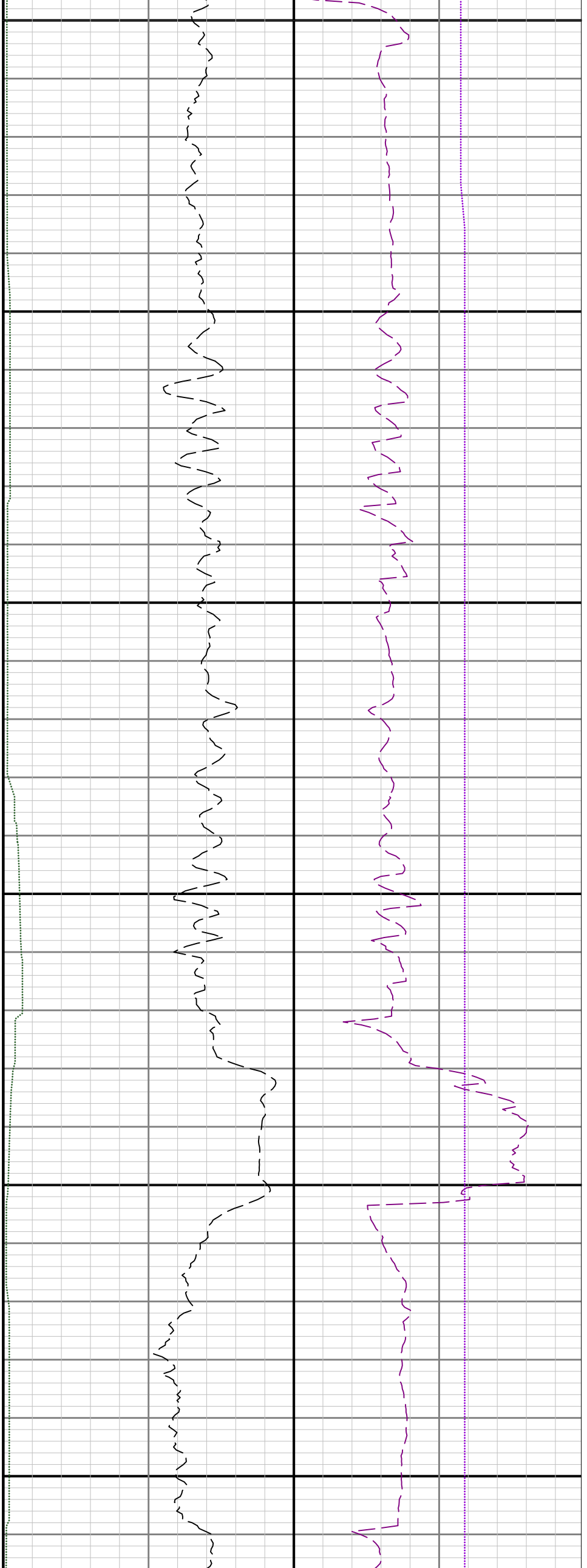
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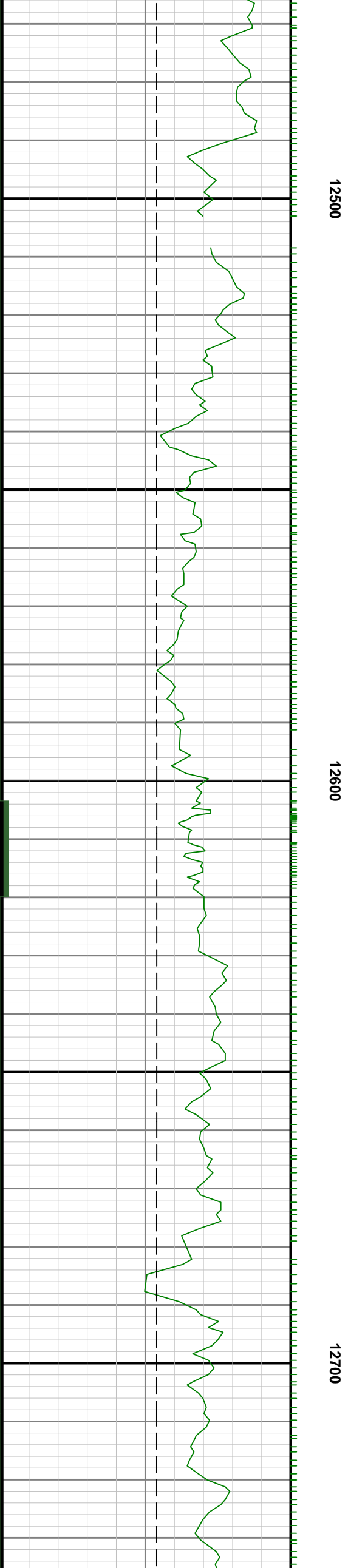
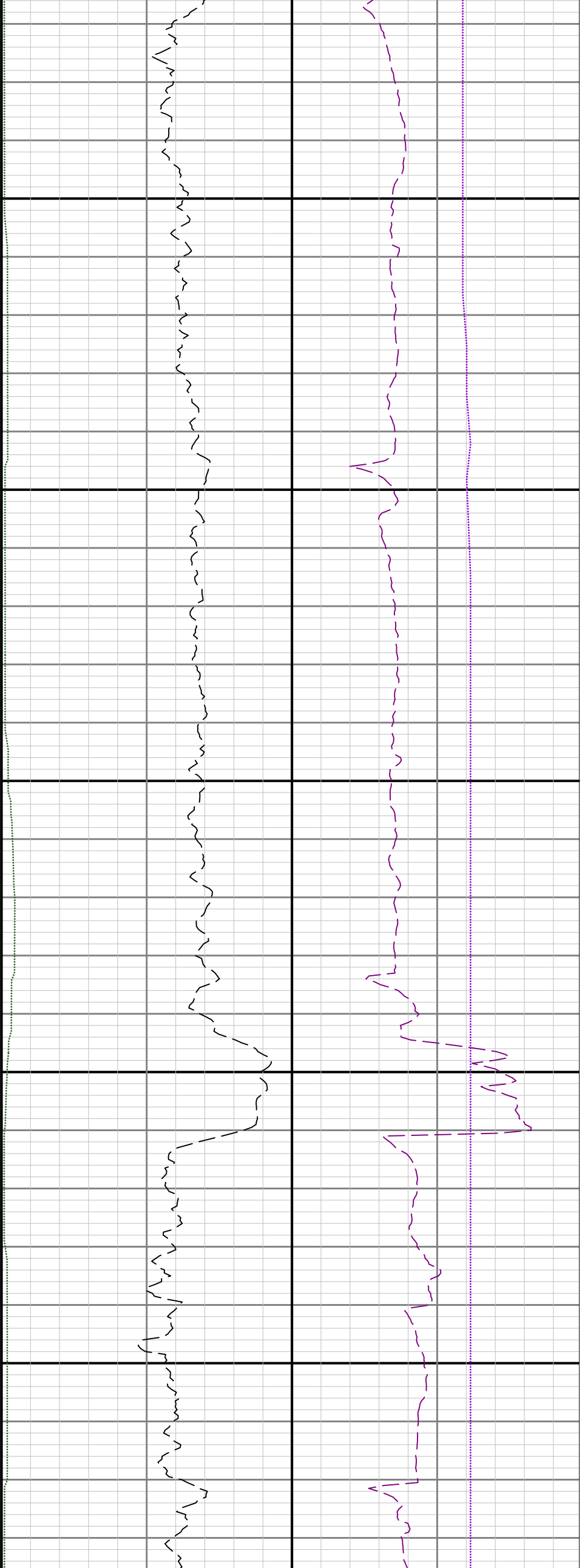
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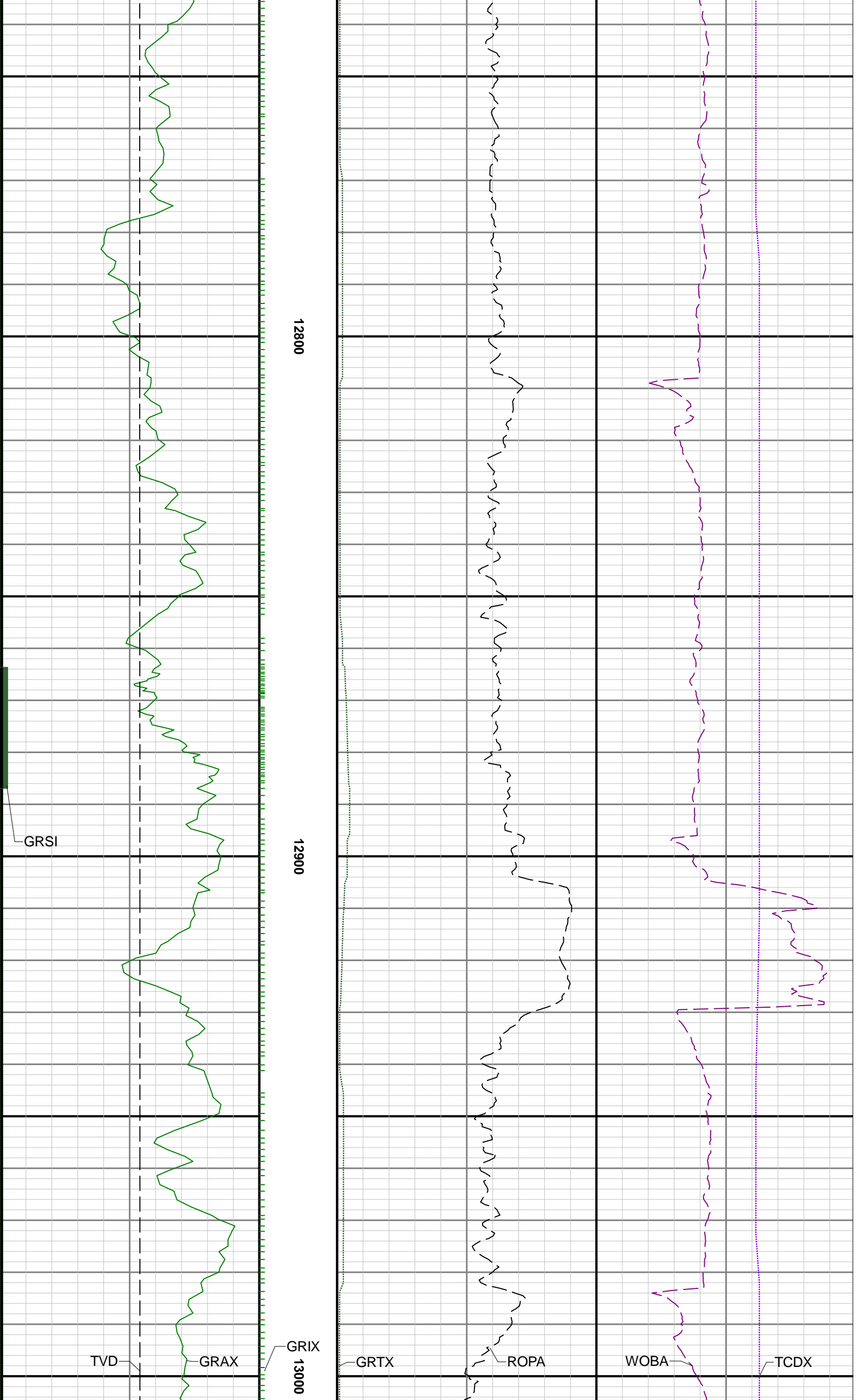


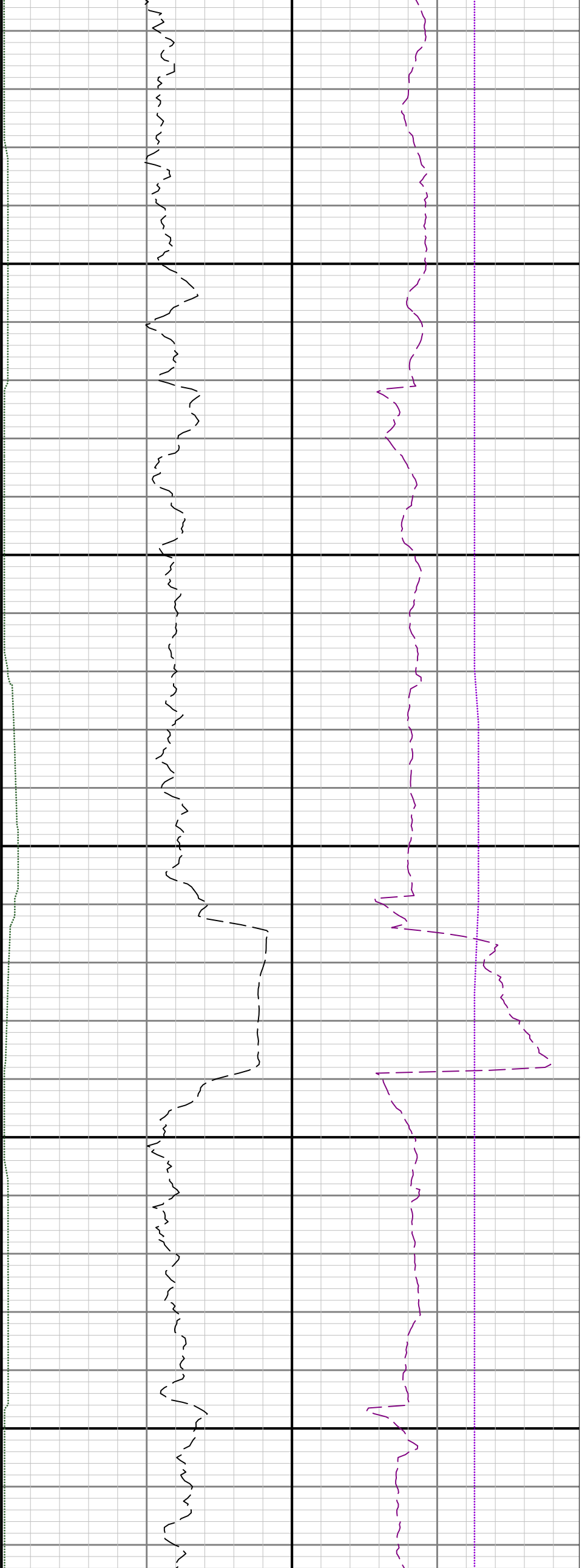






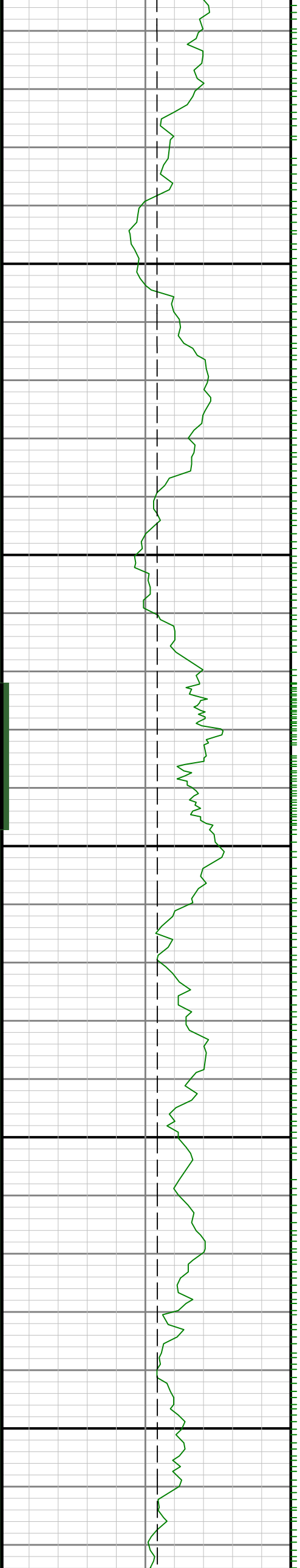


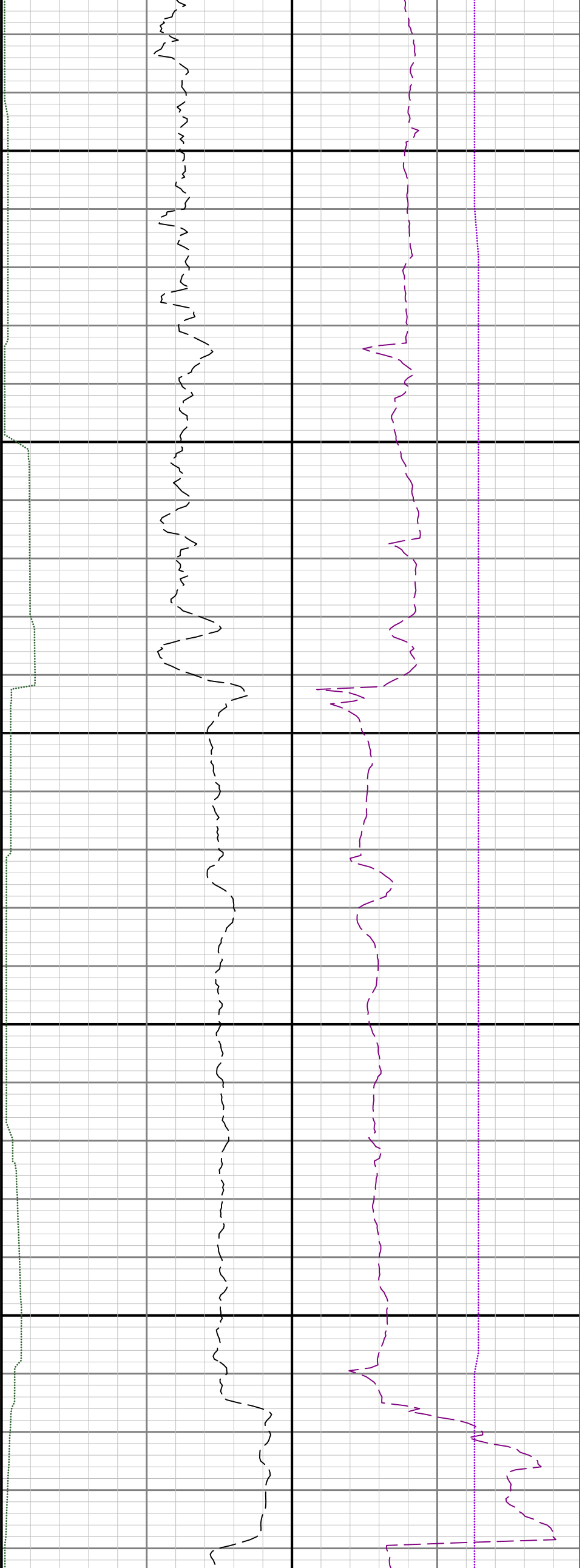




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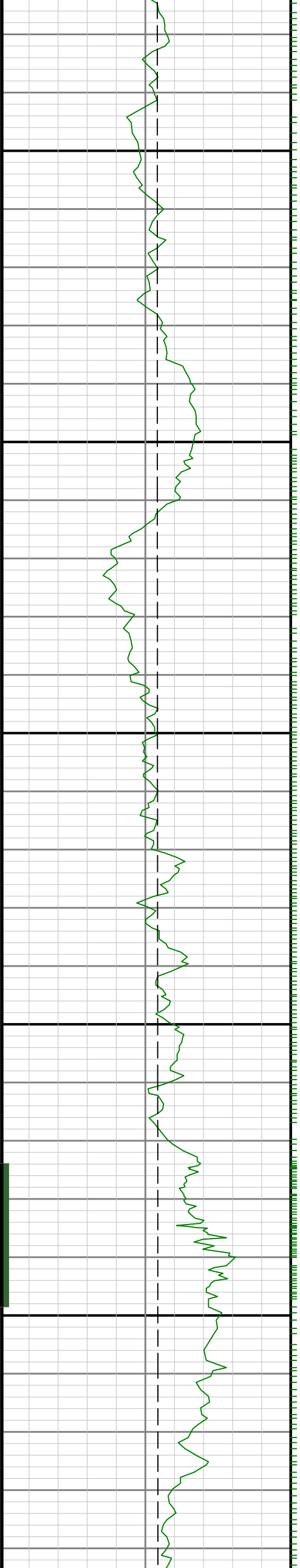


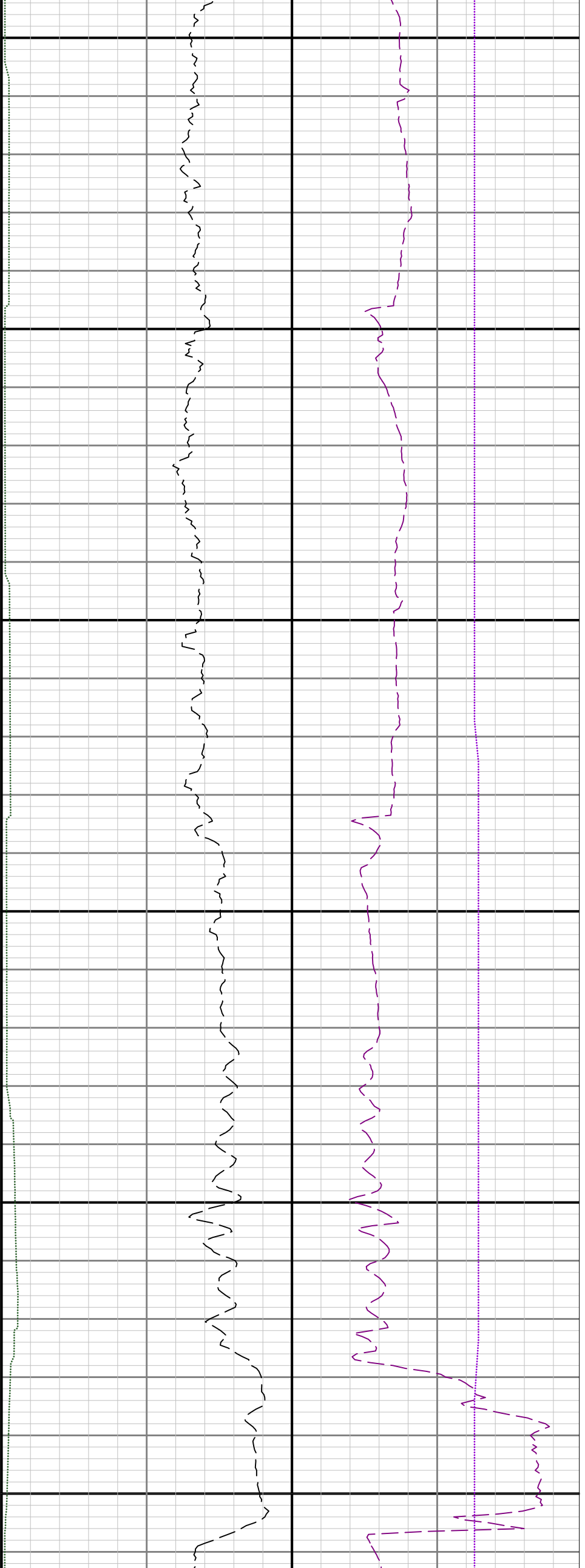


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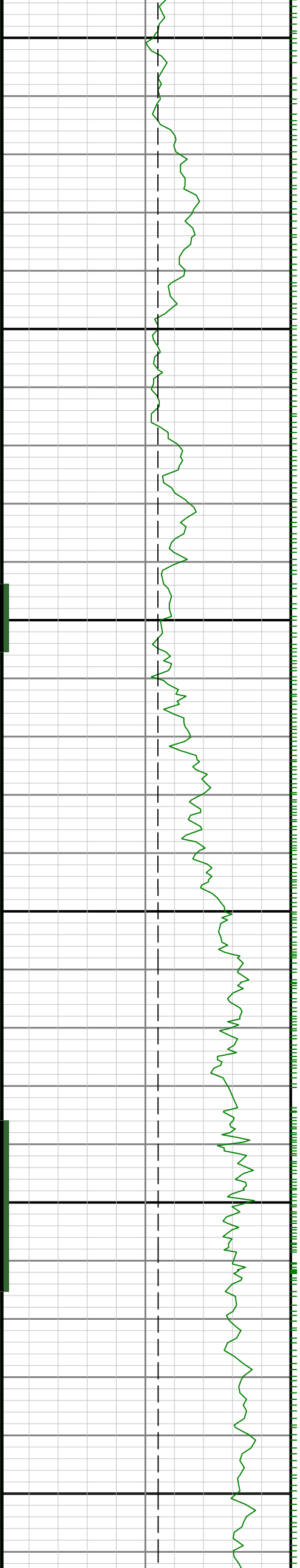


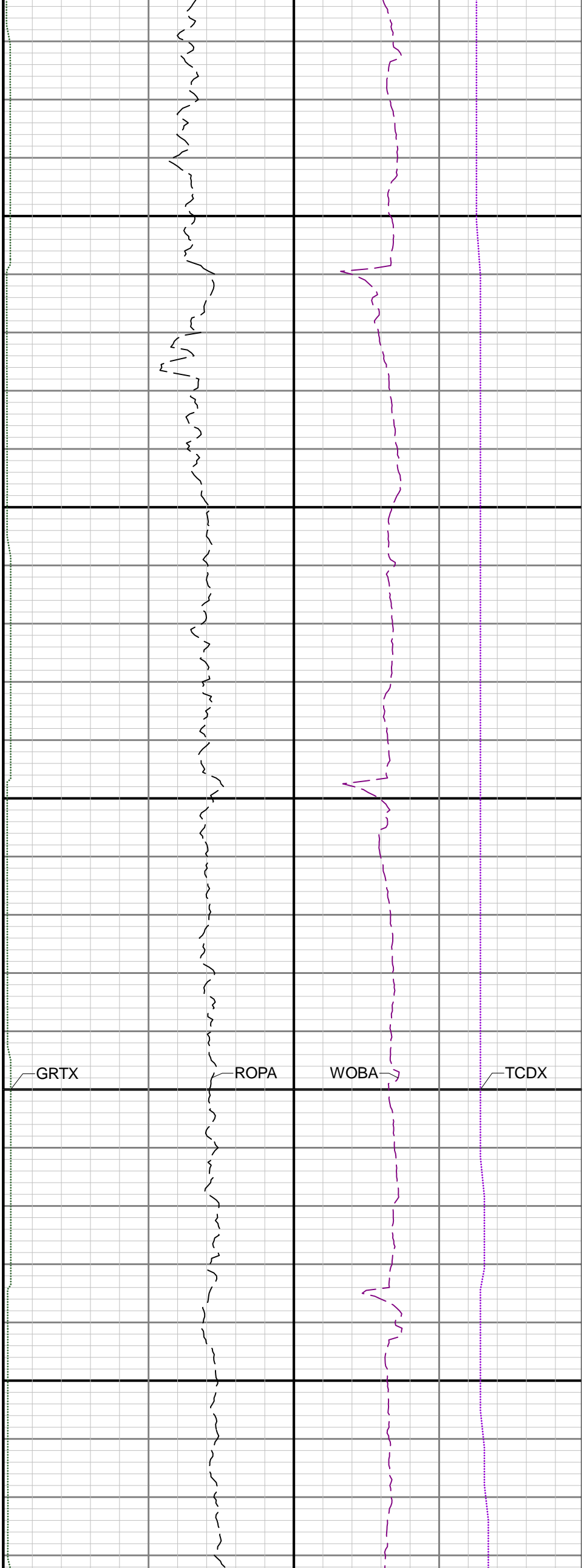


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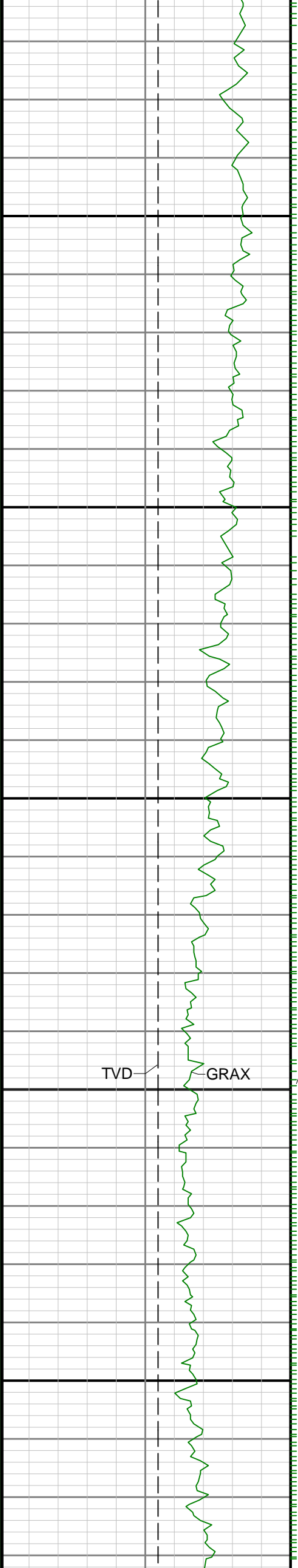
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