

Log Run Summary

No	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	7.875	PDC	2.00	Steerable	1893.00	12774.00	1893.00	12815.00	2018-04-20 04:18	2018-04-22 05:55	43.95

Crew

Name	Arrive Wellsite	Depart Wellsite	Name	Arrive Wellsite	Depart Wellsite	Name	Arrive Wellsite	Depart Wellsite
Mohammad Odetallah	2018-04-19	2018-04-22	Wayne Burge	2018-04-19	2018-04-22			

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+ (%)
2018-04-20 01:55	1	1893.00	Oil Based Mud	8.9	23	N/A	3.0	79/21	Active Pit	27992	0.00
2018-04-20 15:00	1	5507.00	Oil Based Mud	9.0	18	N/A	3.0	79/21	Active Pit	27992	0.00
2018-04-21 15:00	1	9512.00	Oil Based Mud	9.1	18	N/A	3.5	78/22	Active Pit	27992	0.00

Equipment and Service Data

Run No.	Tool	Serial Number	Measurement	Sensor Offset (ft)	Bit Offset (ft)	Max O.D. (in)	Min I.D. (in)
1	NaviGamma	12366169	Gamma (single)	10.03	40.51	6.500	3.250
1	NaviGamma	12366169	VSS	13.45	43.93	6.500	3.250
1	NaviGamma	12366169	Directional (mag)	13.45	43.93	6.500	3.250

Service and Tool Mnemonics

Mnemonic	Name	Description
GAM	NaviGamma	Probe Based Gamma Module, NaviTrak Platform

Comments

1	Depth measurements were obtained from a depth control system not supplied or operated by Baker Hughes. Due to lack of control by Baker Hughes logging engineers, depth calibrations and measurements could not be independently verified.
2	A sliding indicator is shown to the left edge of track 1 as a heavy line. The indicator has been depth-shifted to the Gamma Ray sensor offset to correspond with Gamma Ray data acquired while sliding.
3	Baker Hughes run 1 utilized 6 1/2 inch NaviGamma services (Gamma Ray and Directional) behind a 7 7/8 inch bit and steerable assembly from 1893 to 12815 feet MD (1835 to 7240 feet TVD).
4	Gamma Ray (GRAX) scale is presented 0 to 200 API per customer request.
5	There are numerous gaps throughout the log due to surveying while on bottom drilling ahead.


Remarks

Number	Measured Depth	Hole Section	Run No.	Remark
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	Depth (ft)	Depth (in)		
1	1893.00	7.875	1	Baker Hughes began logging at 1893 feet MD (1835 feet TVD) as requested by the client.
2	12815.00	7.875	1	The interval from 12774 to 12815 feet MD (7240 to 7241 feet TVD) was not logged due to sensor offset from the bit.

Curve Mnemonics

Presented Curves	Description	Units
TCDX	Downhole Temperature	degF
ROPA	Depth Averaged ROP 3 ft Average	ft/h
TVD	True Vertical Depth	ft
WOBA	Weight On Bit, Average 1 ft Average	klb
GRAX	Gamma Ray - Apparent - Real-Time 0.5 ft Average	API
GRIX	Gamma Ray - Data Point Indicator - Real-Time	unitless
GRTX	Gamma Ray - Time Since Drilled - Real-Time	min
GRSI	Sliding Indicator Flag	unitless



Company

Well

Interval

Created

Anadarko

AZUL 13.34HZ

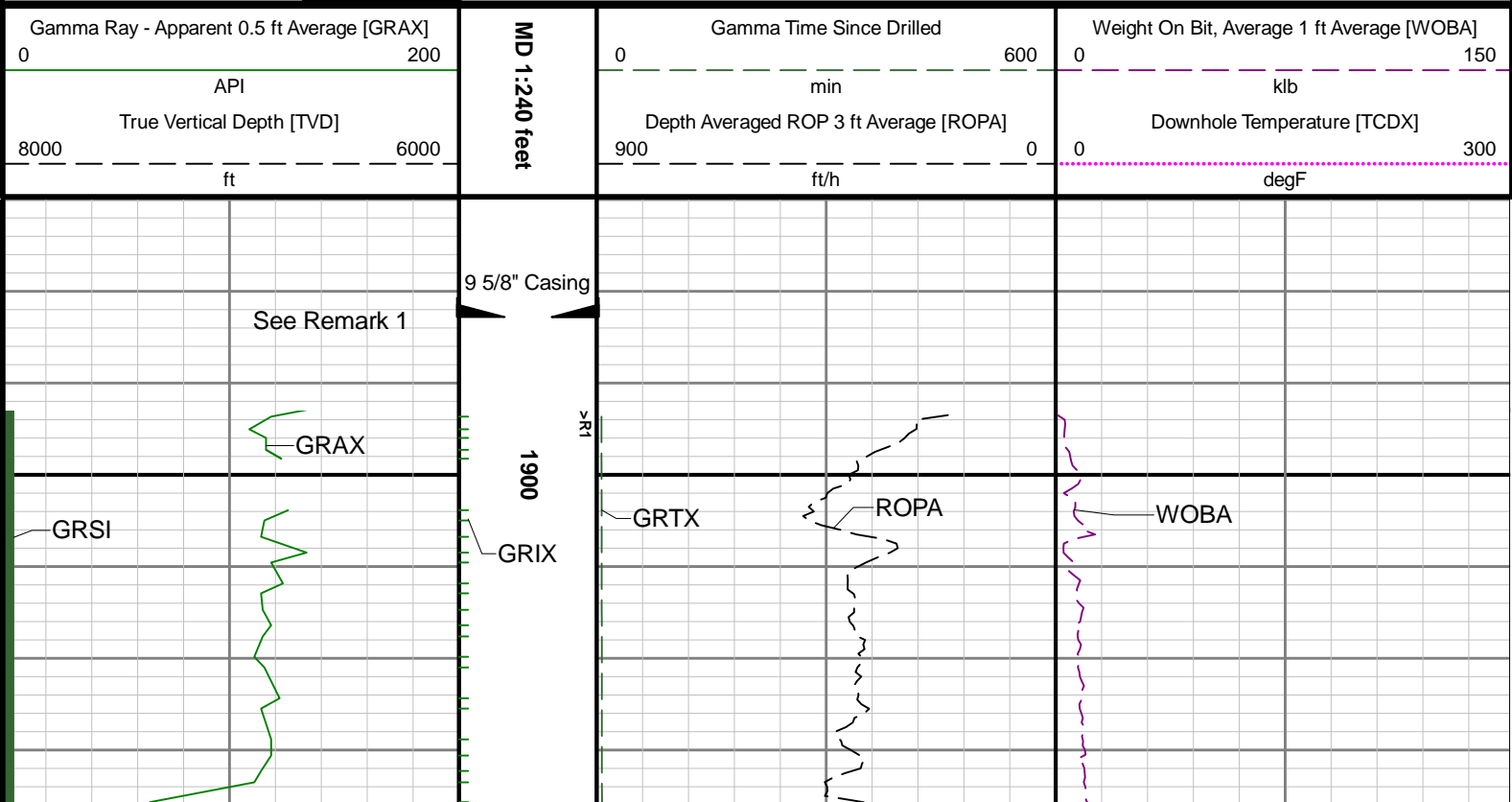
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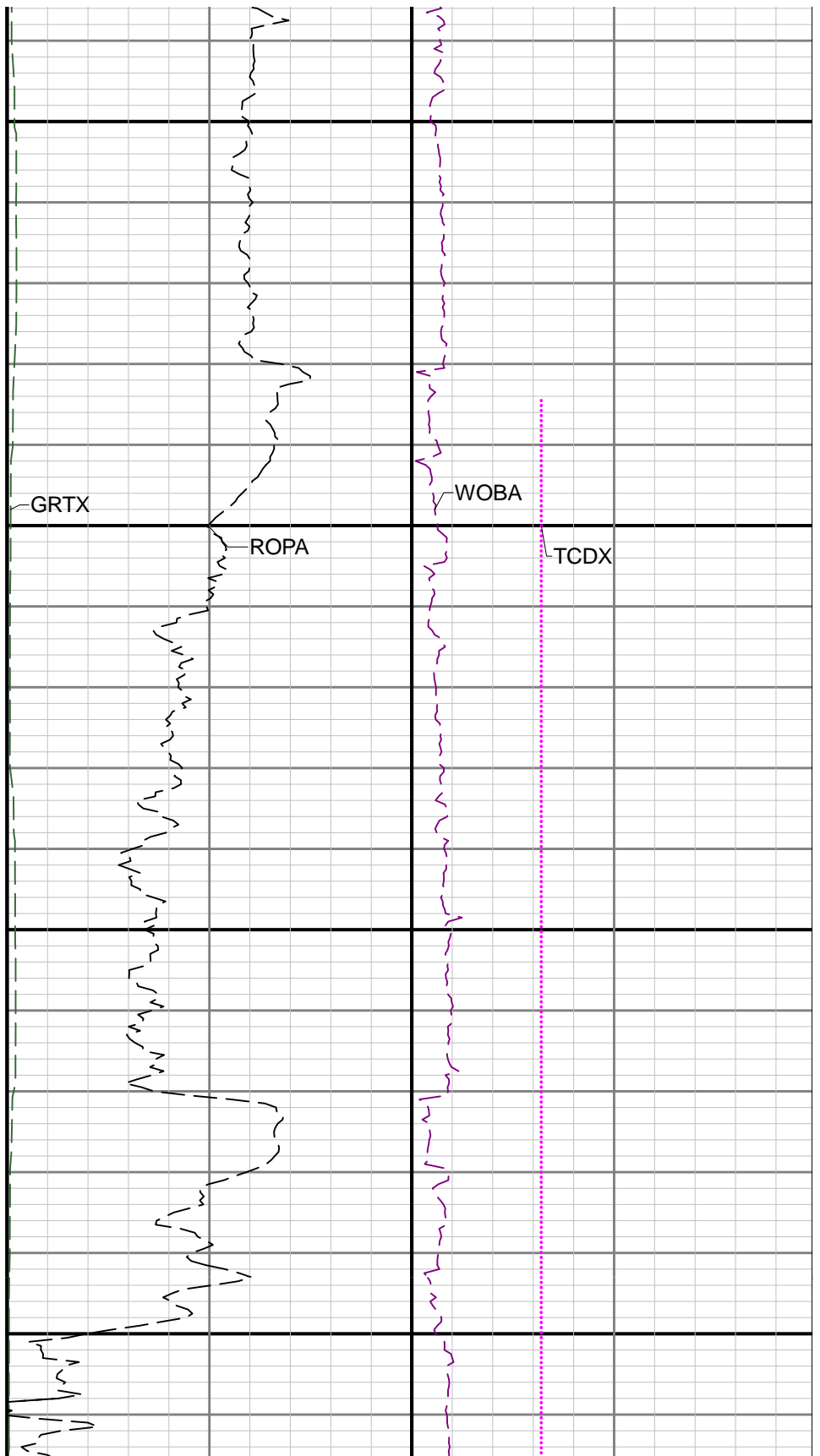
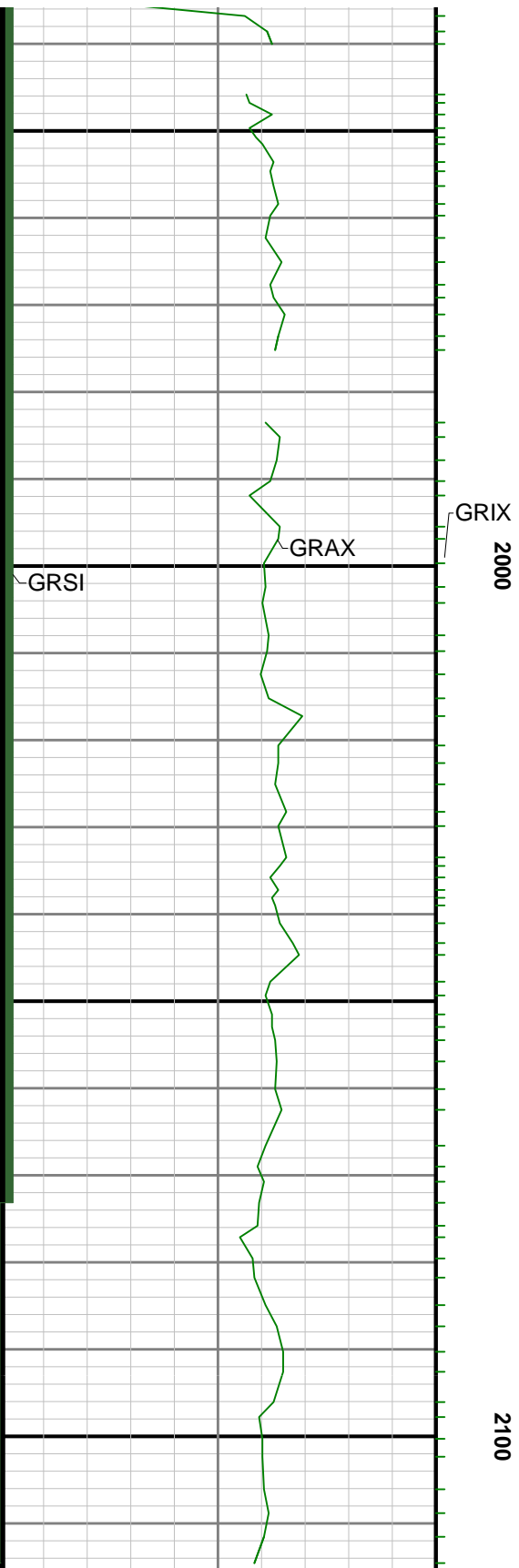
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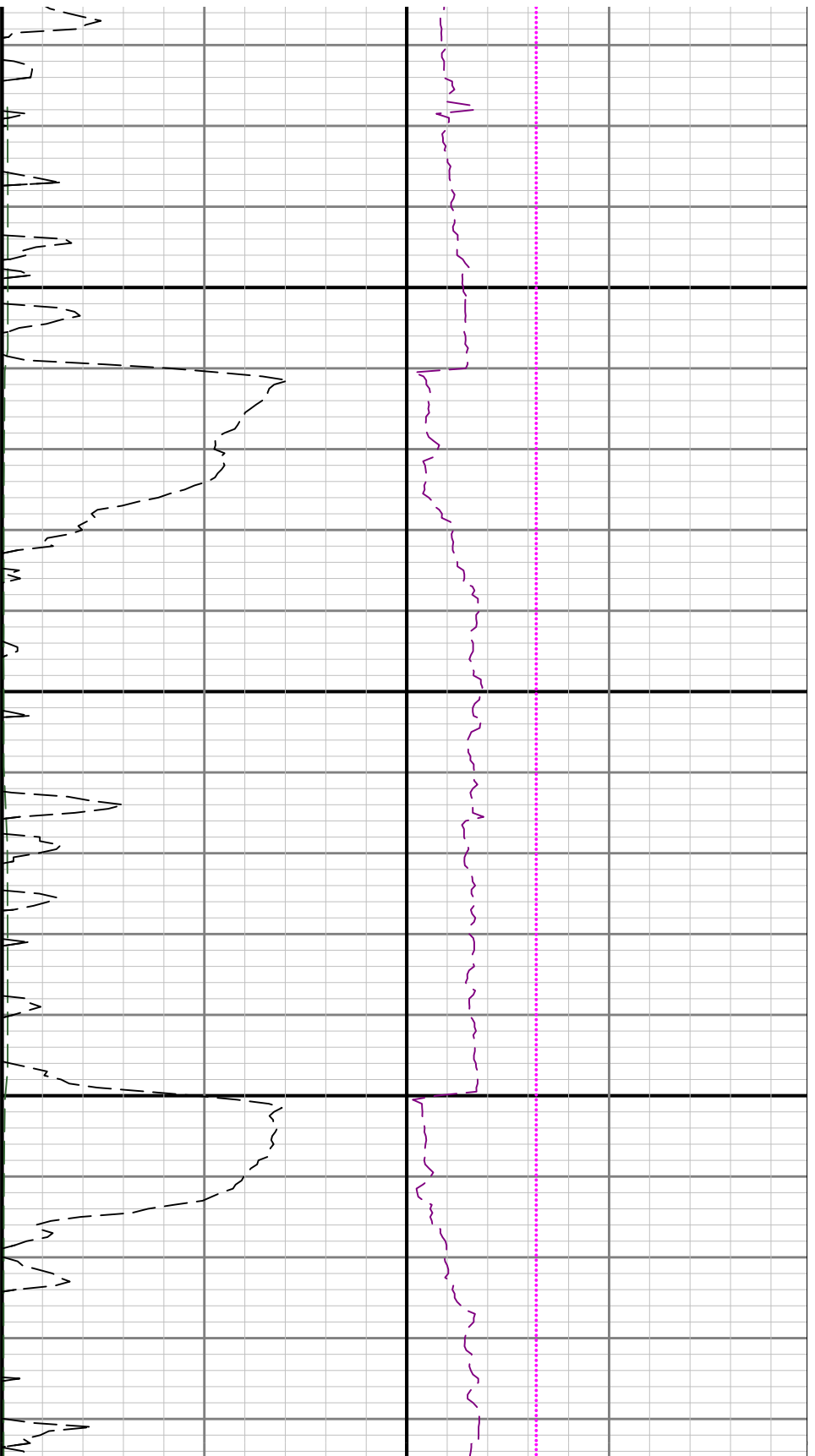
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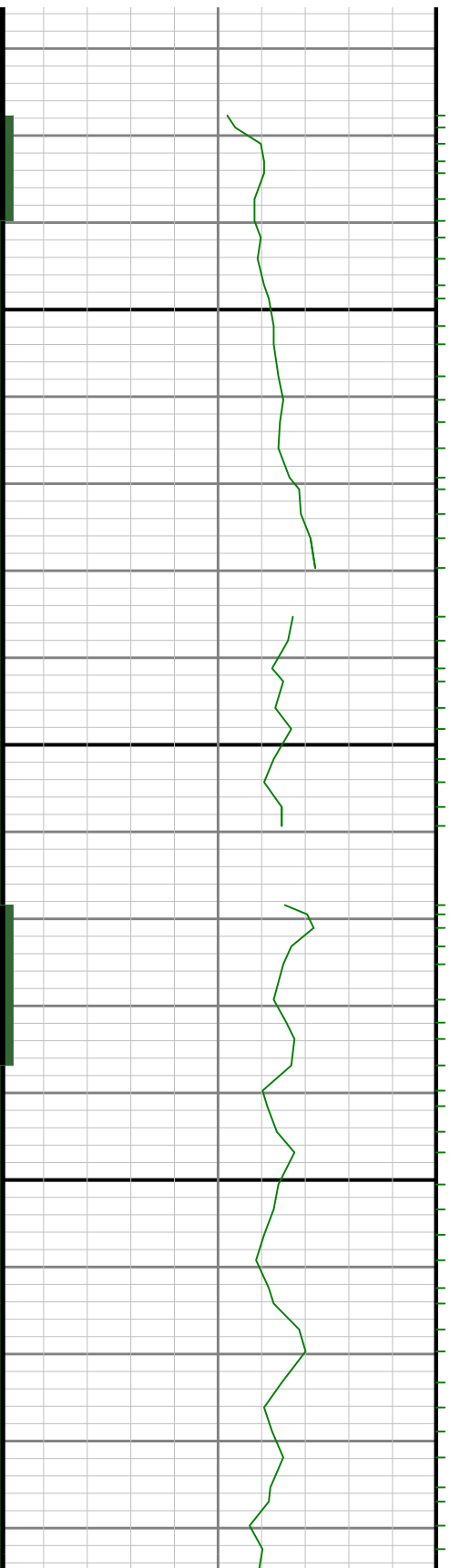
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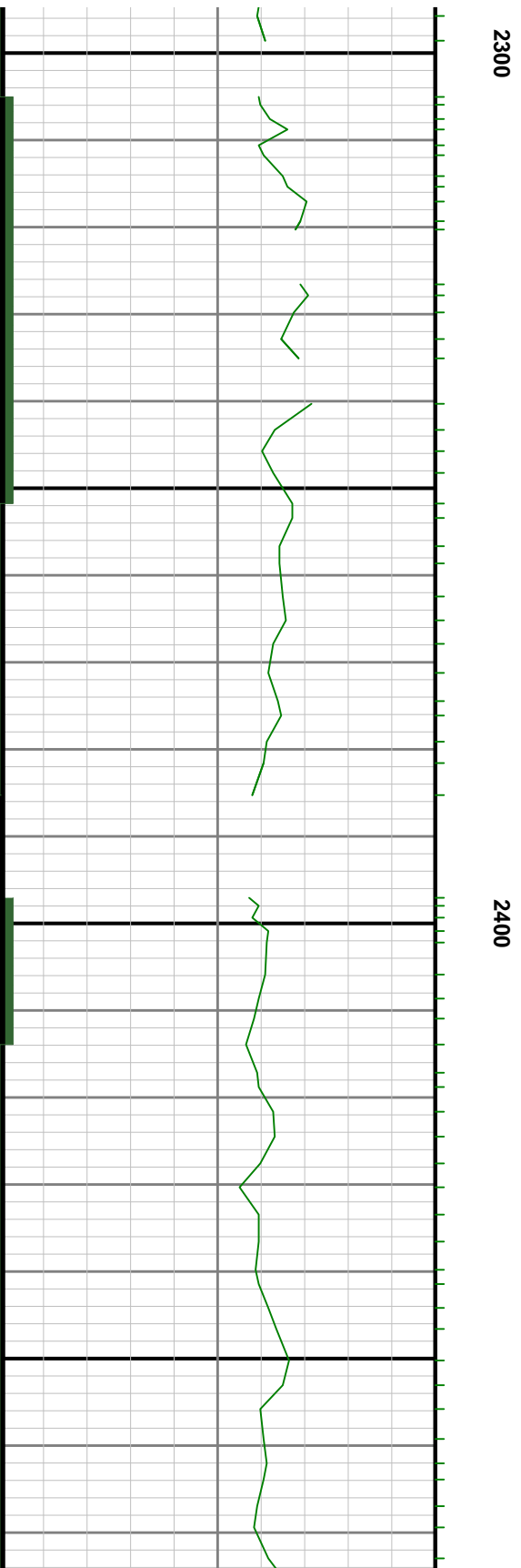






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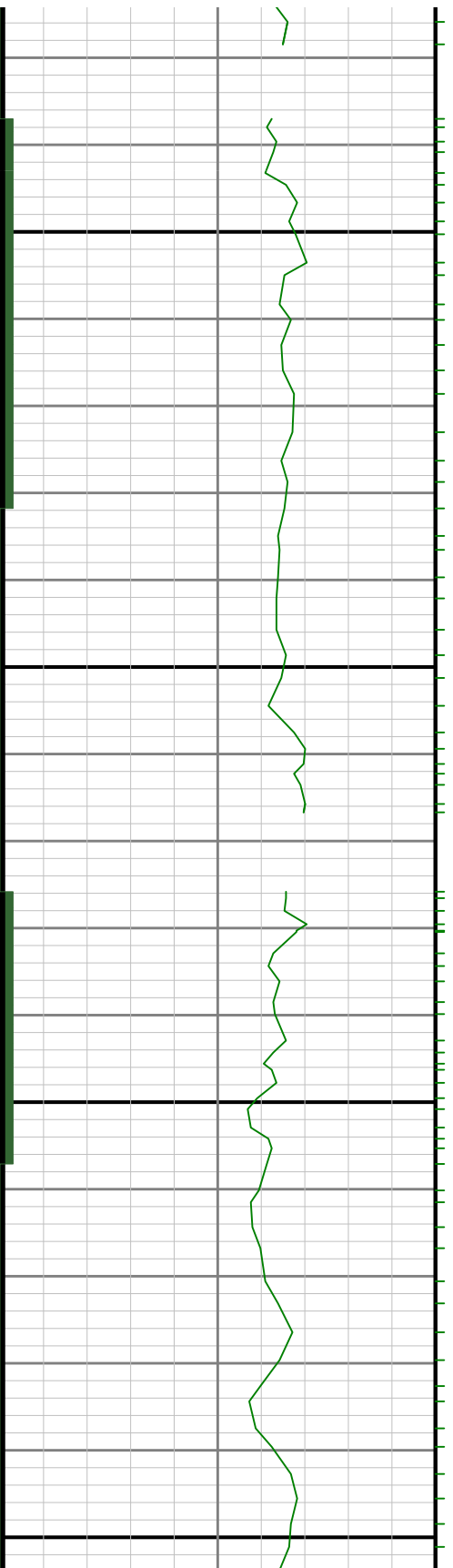


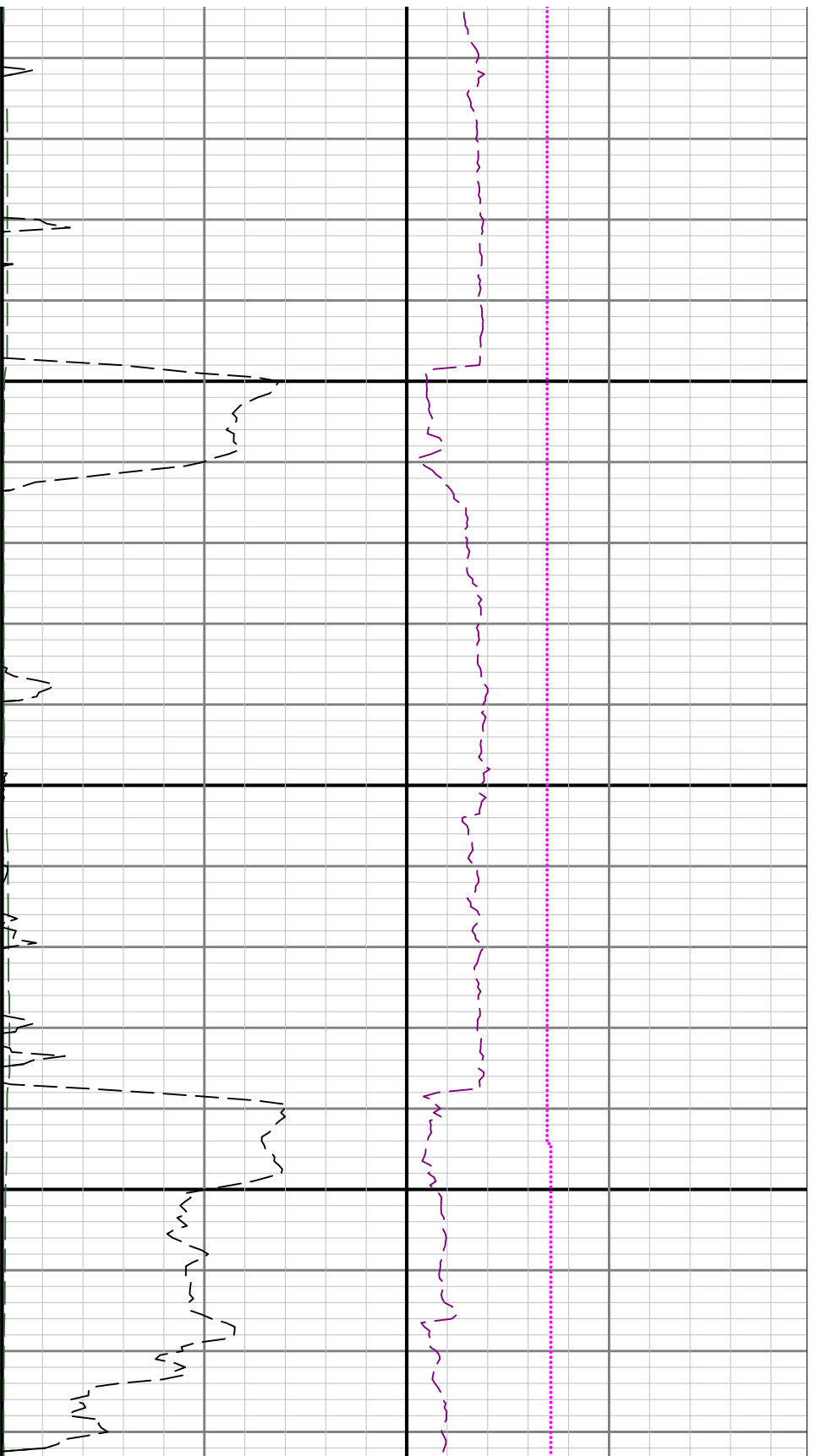




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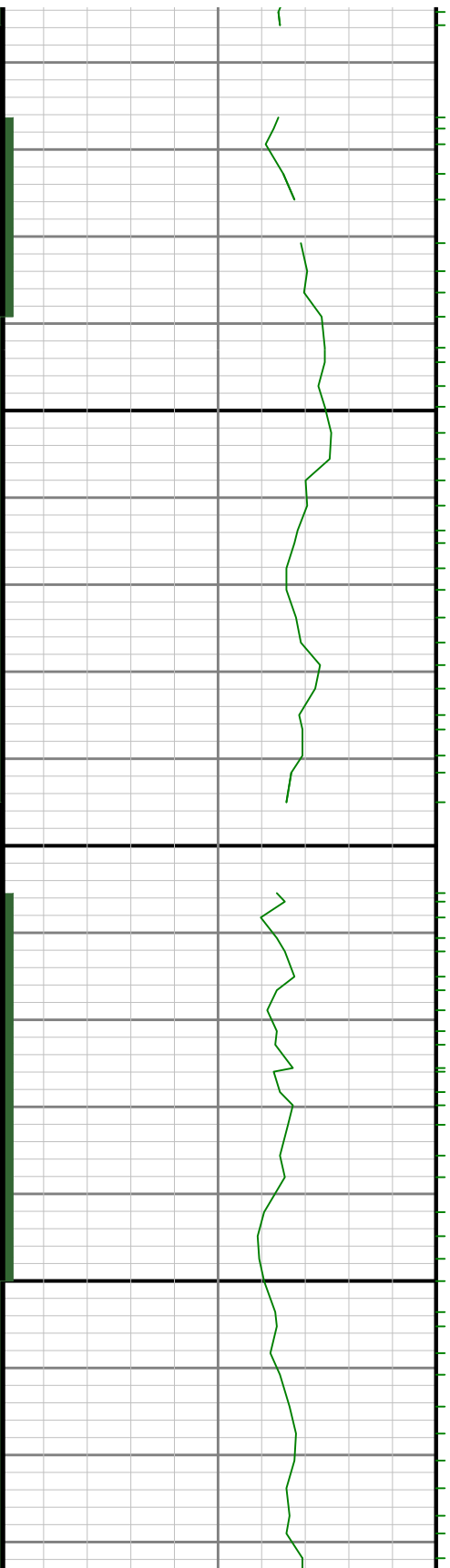
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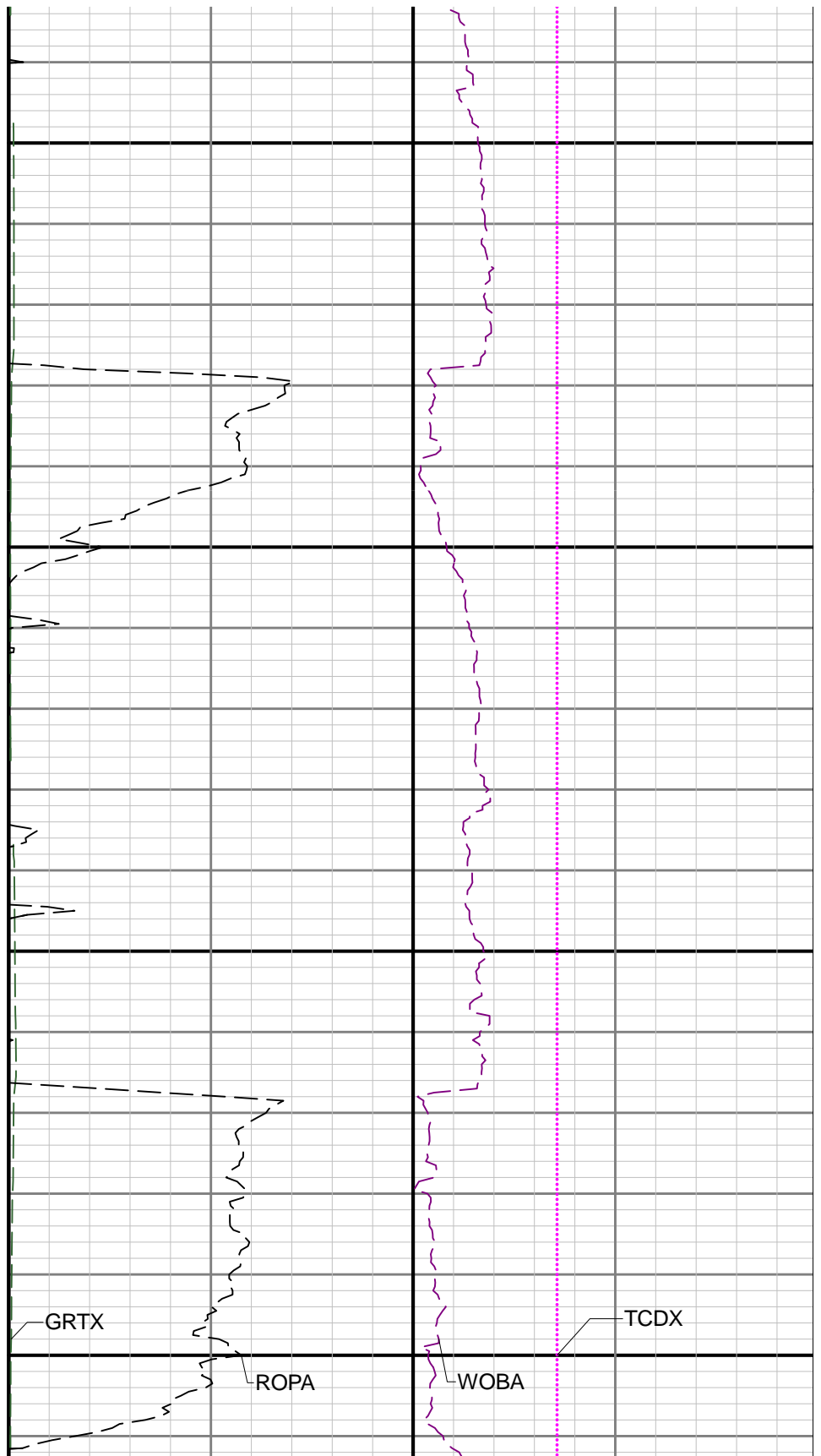
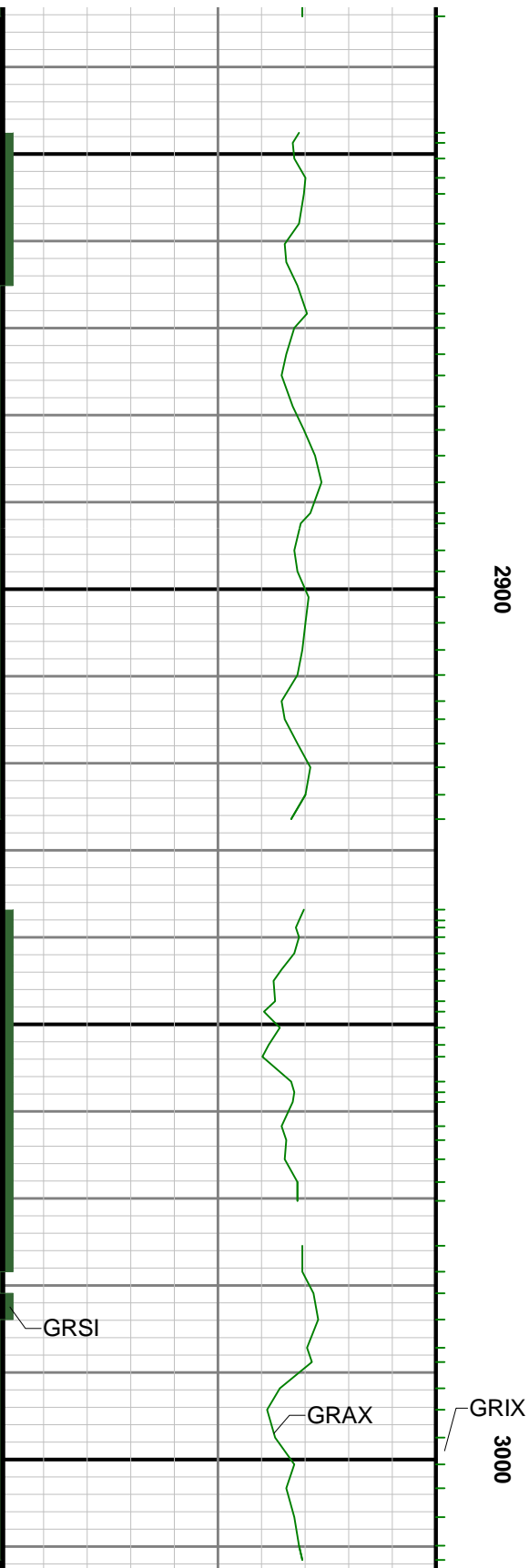


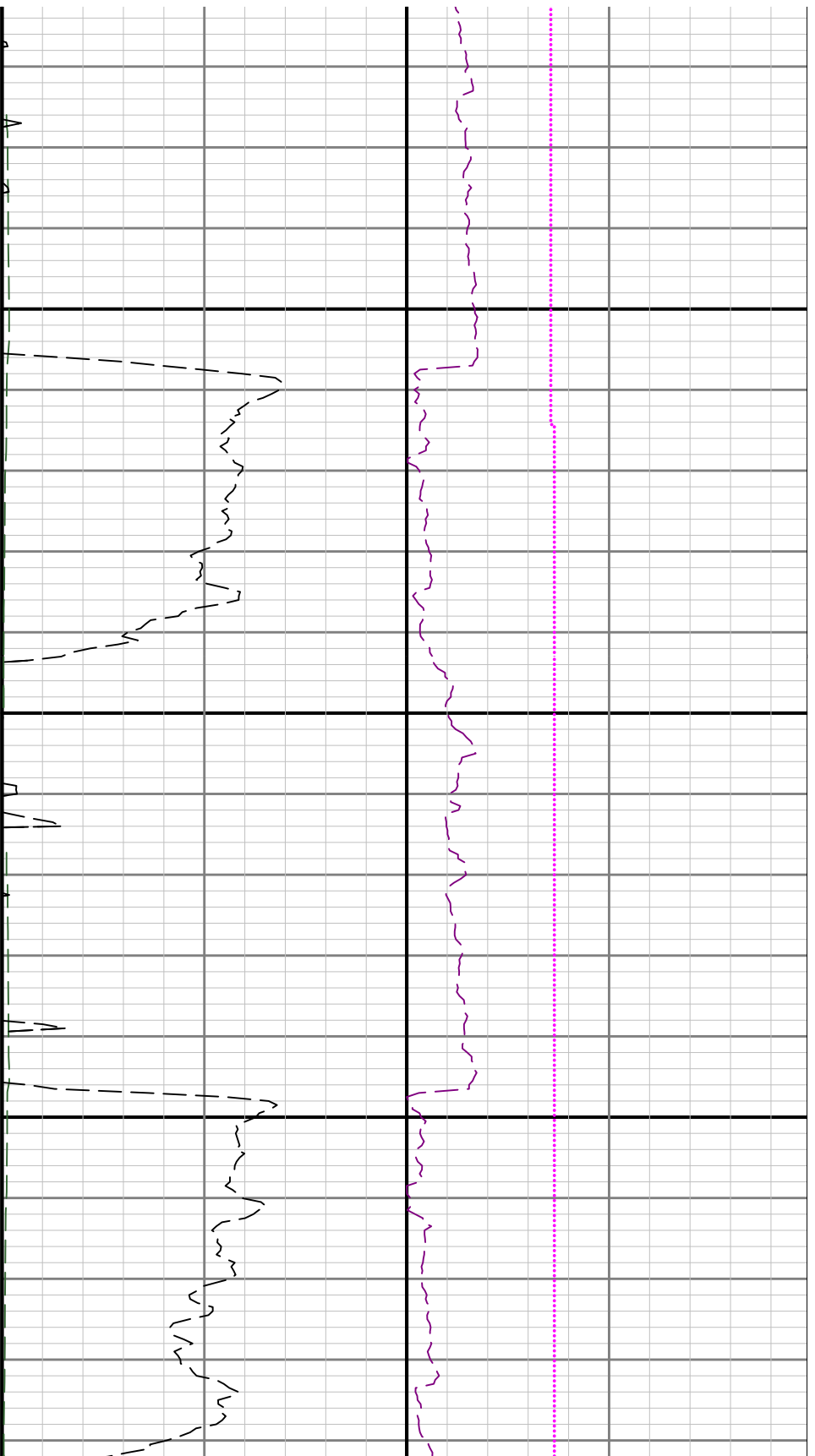


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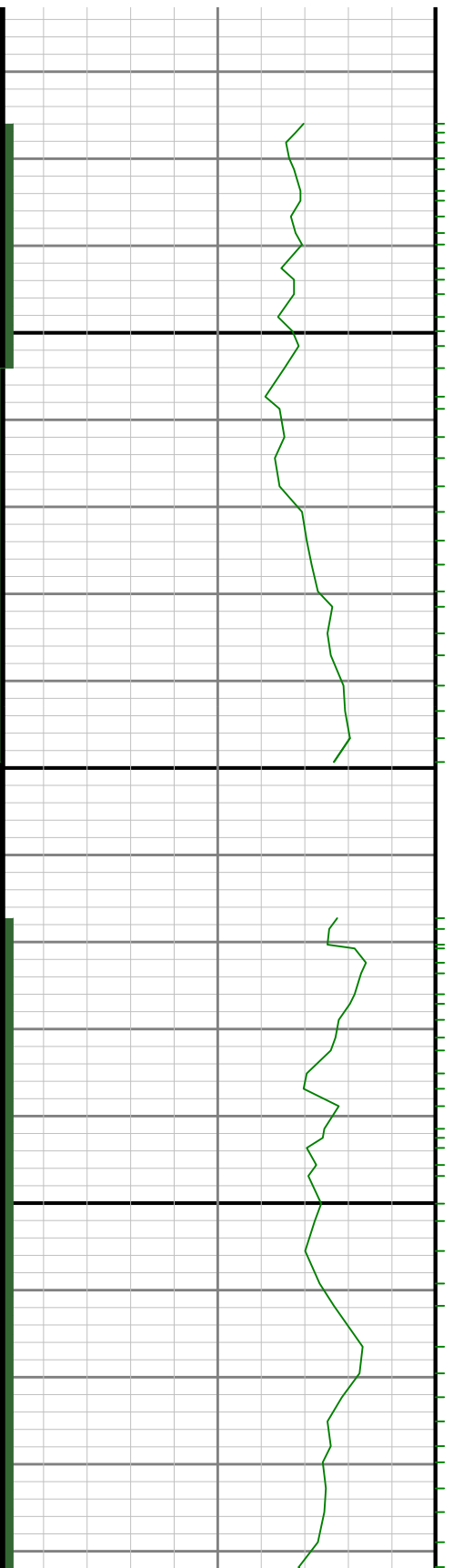
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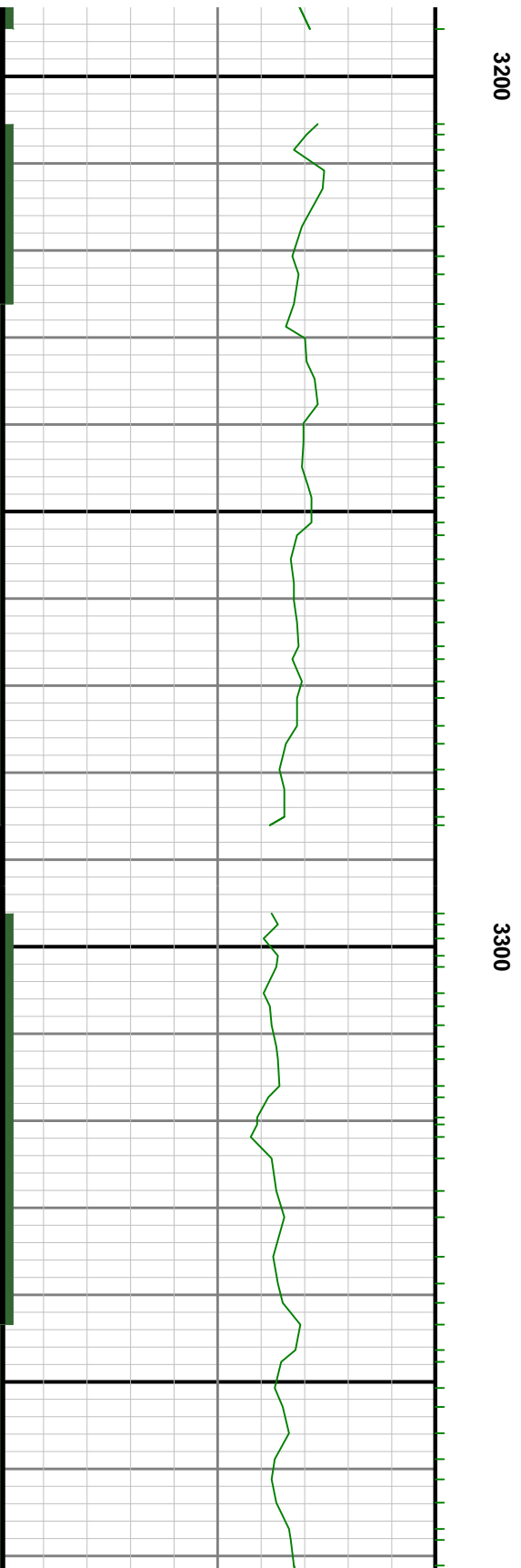
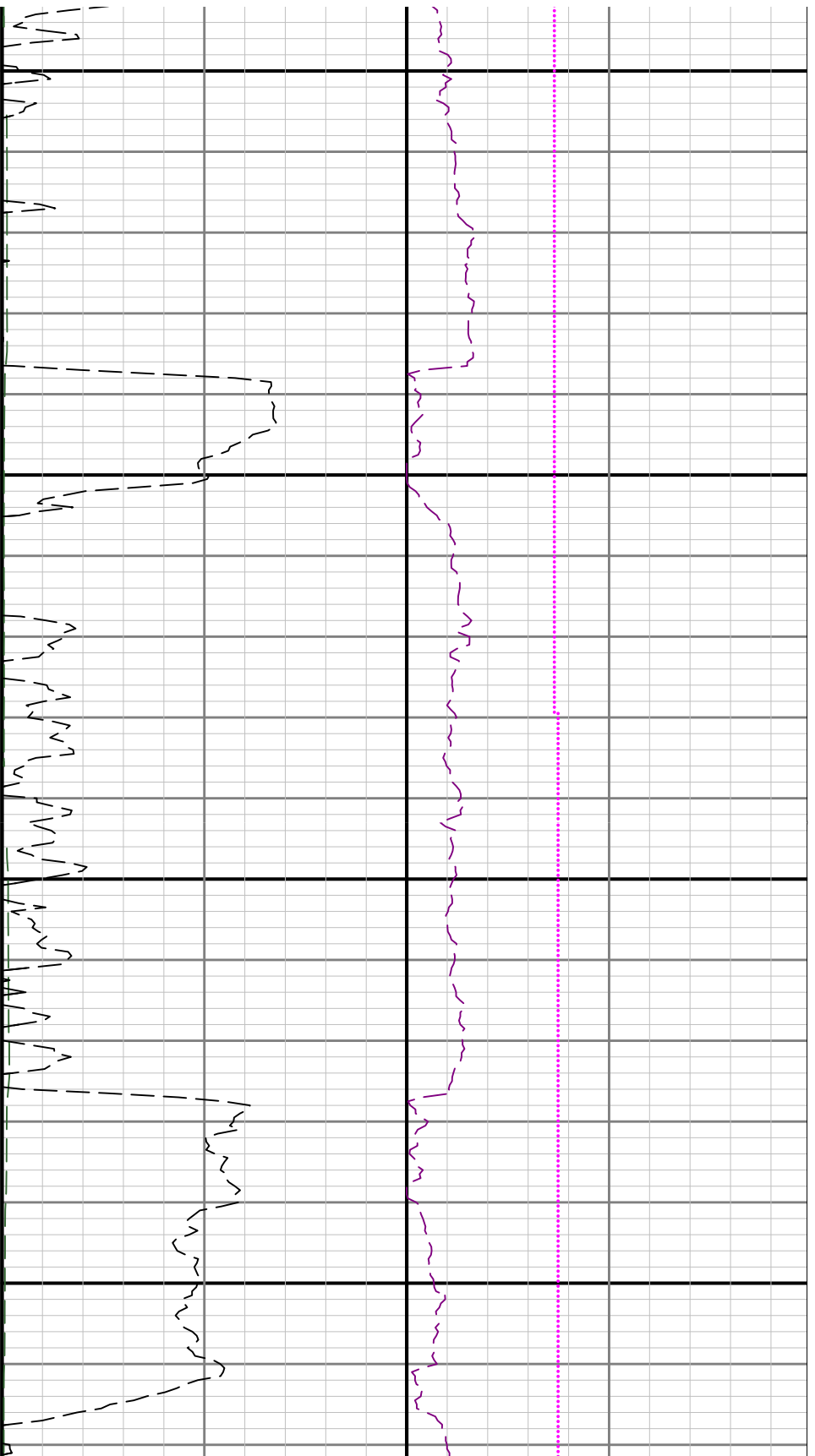


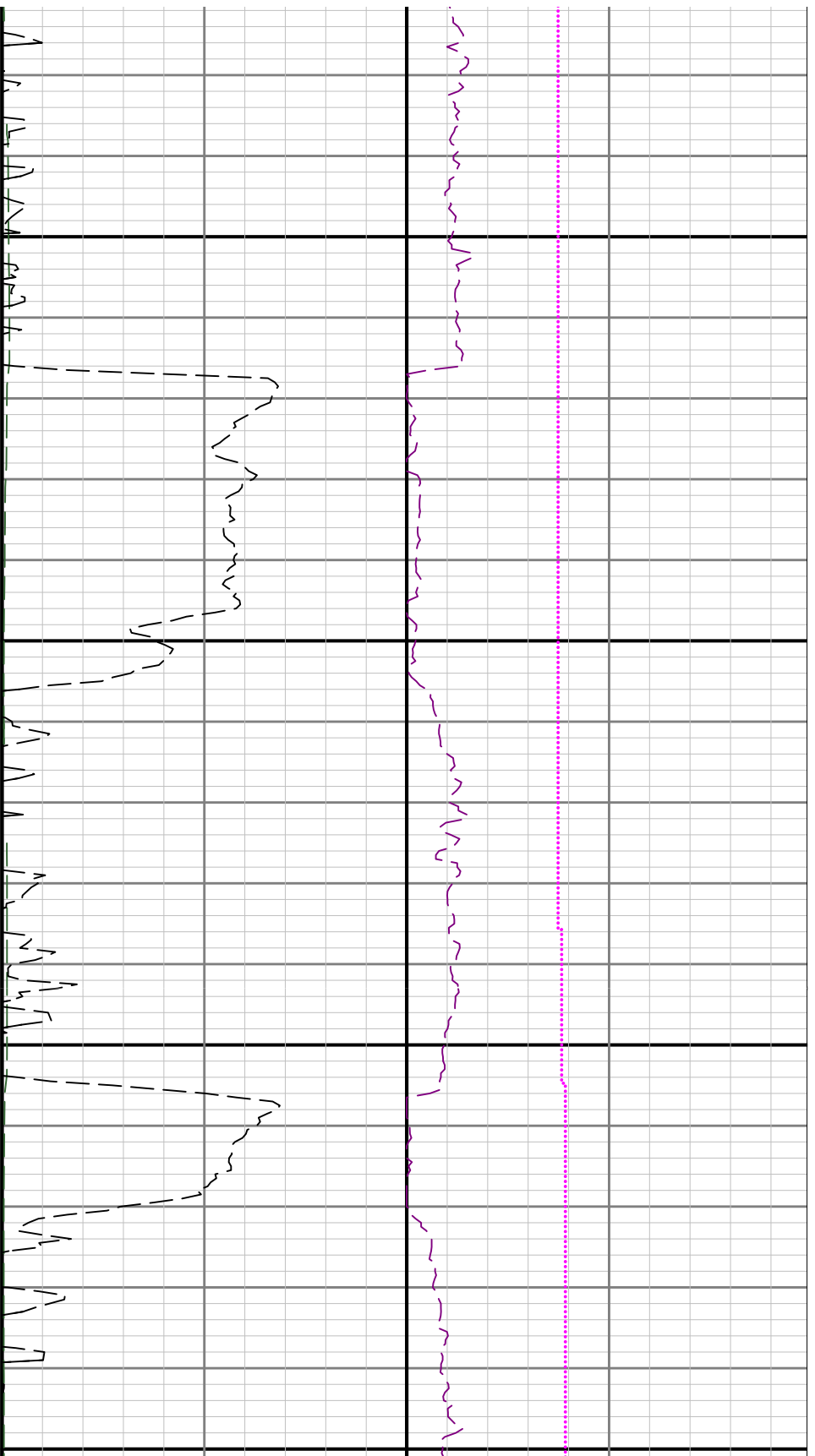




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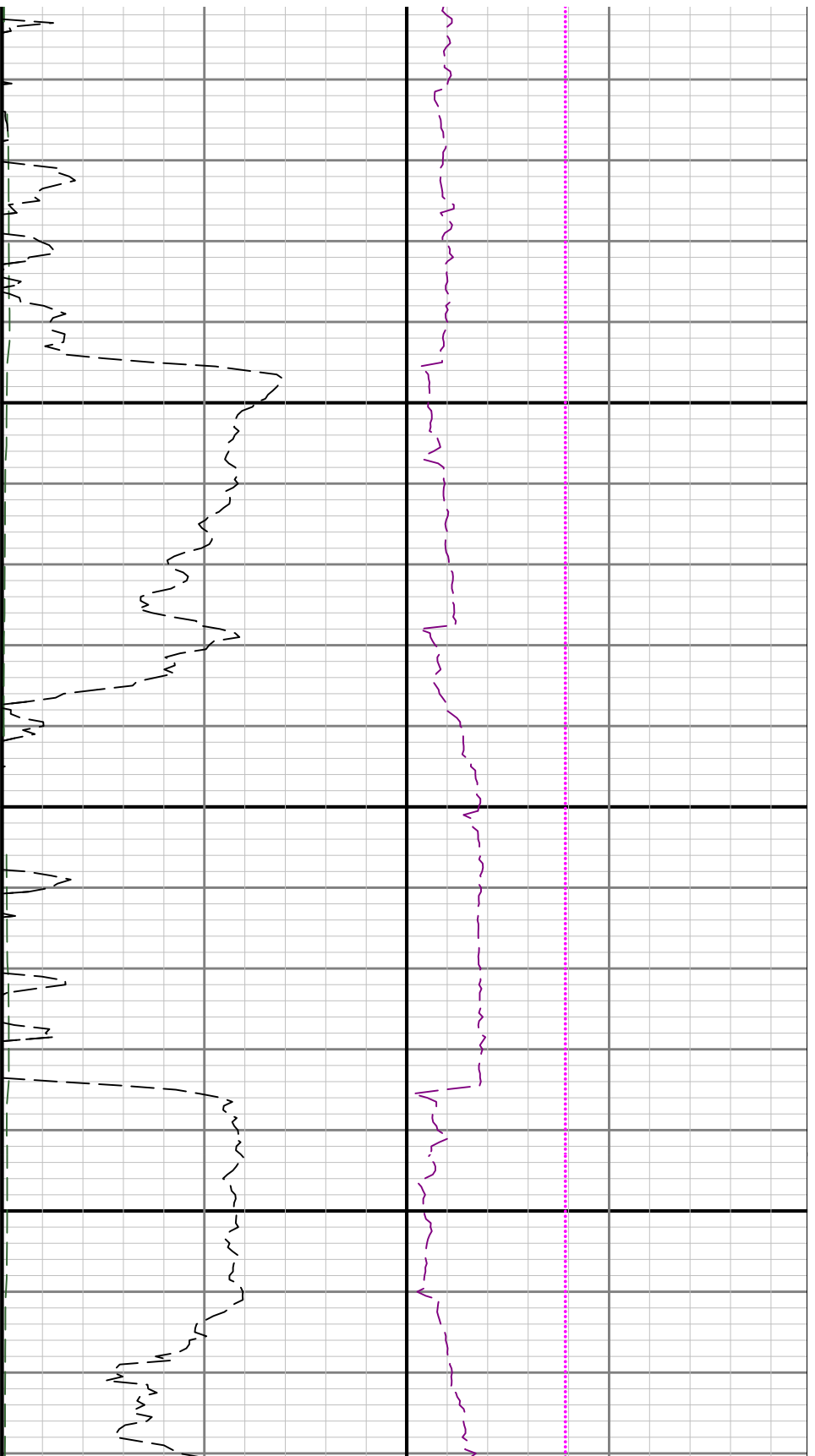




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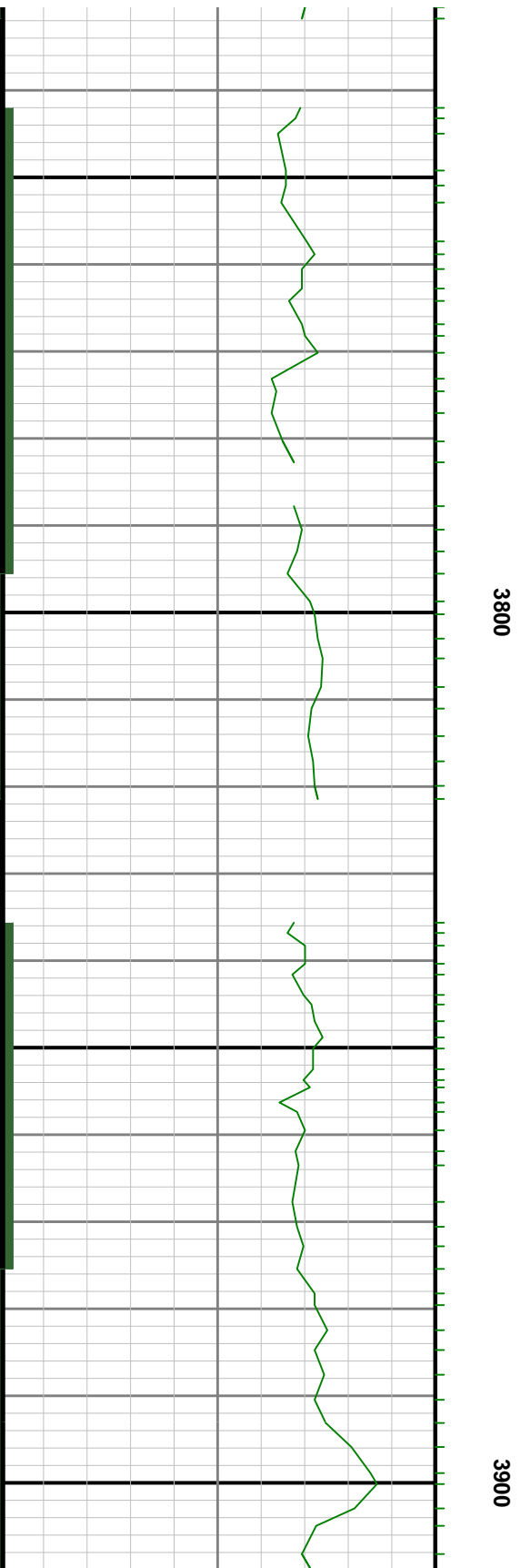
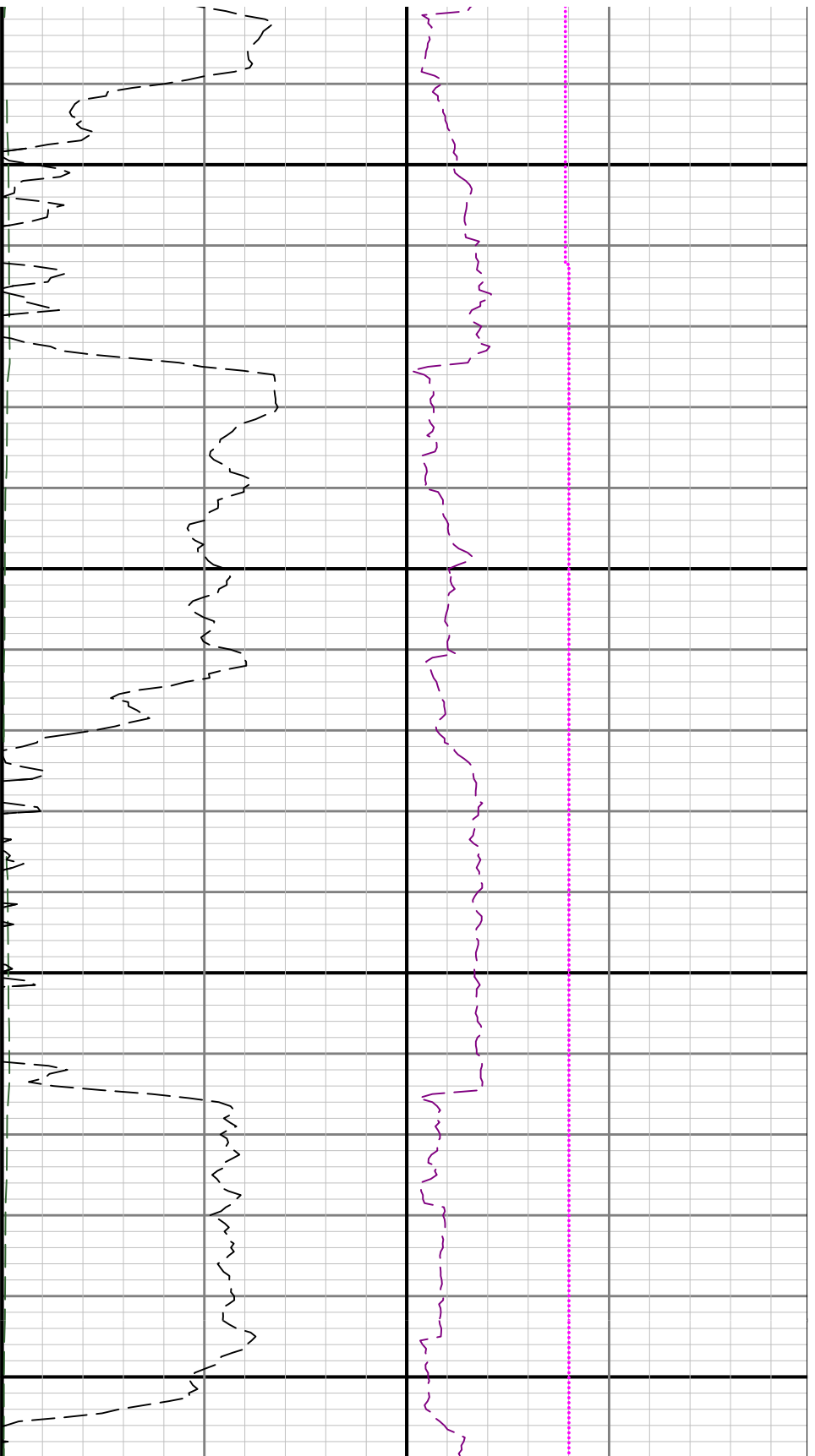


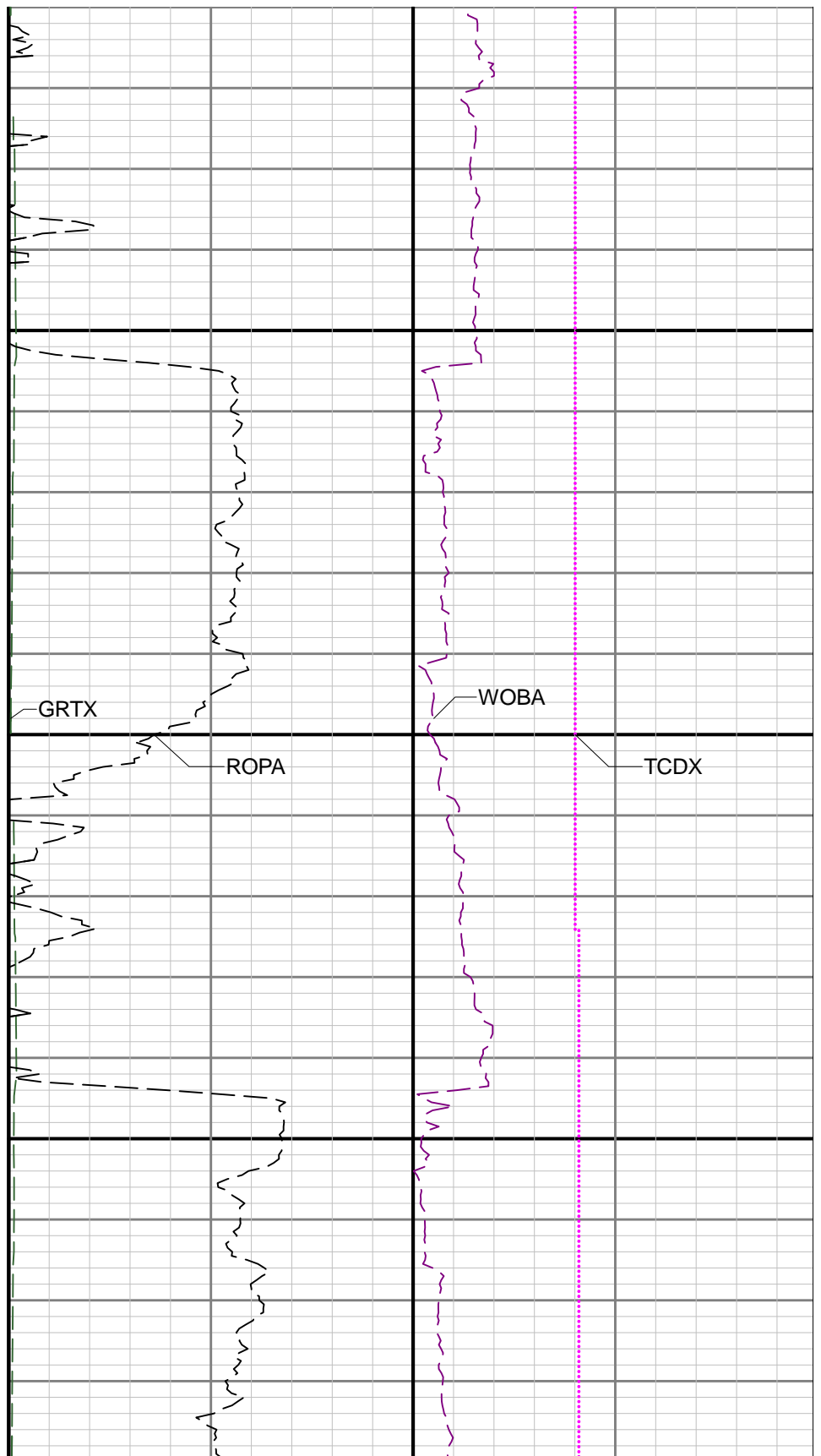
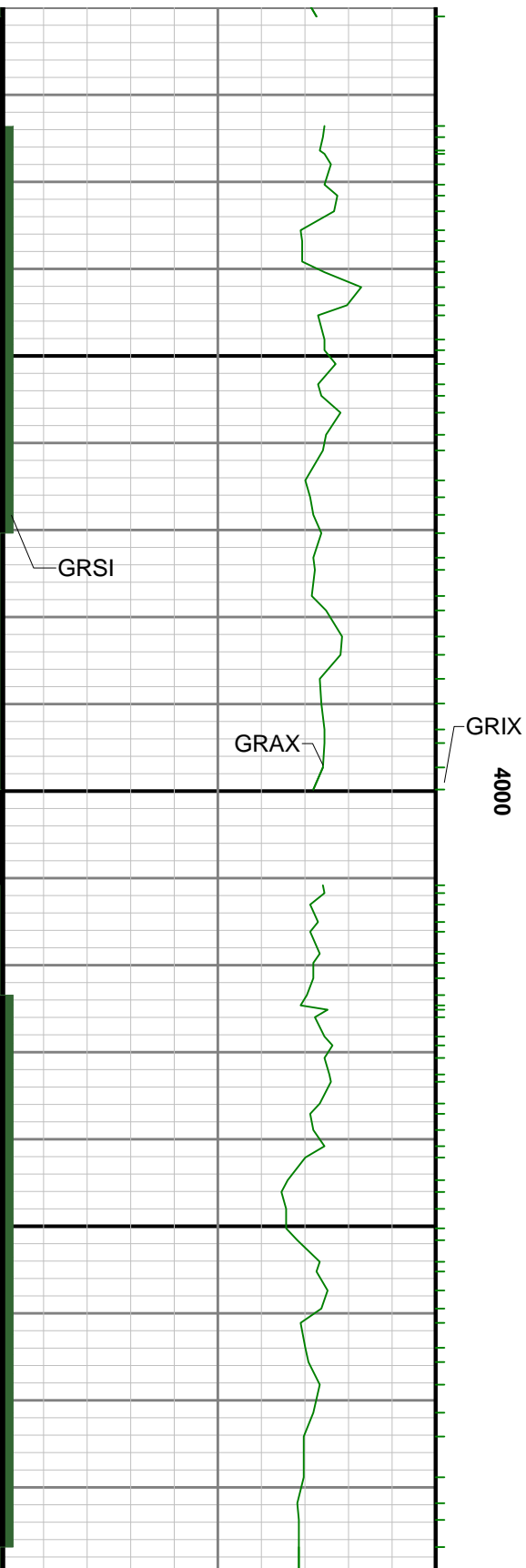


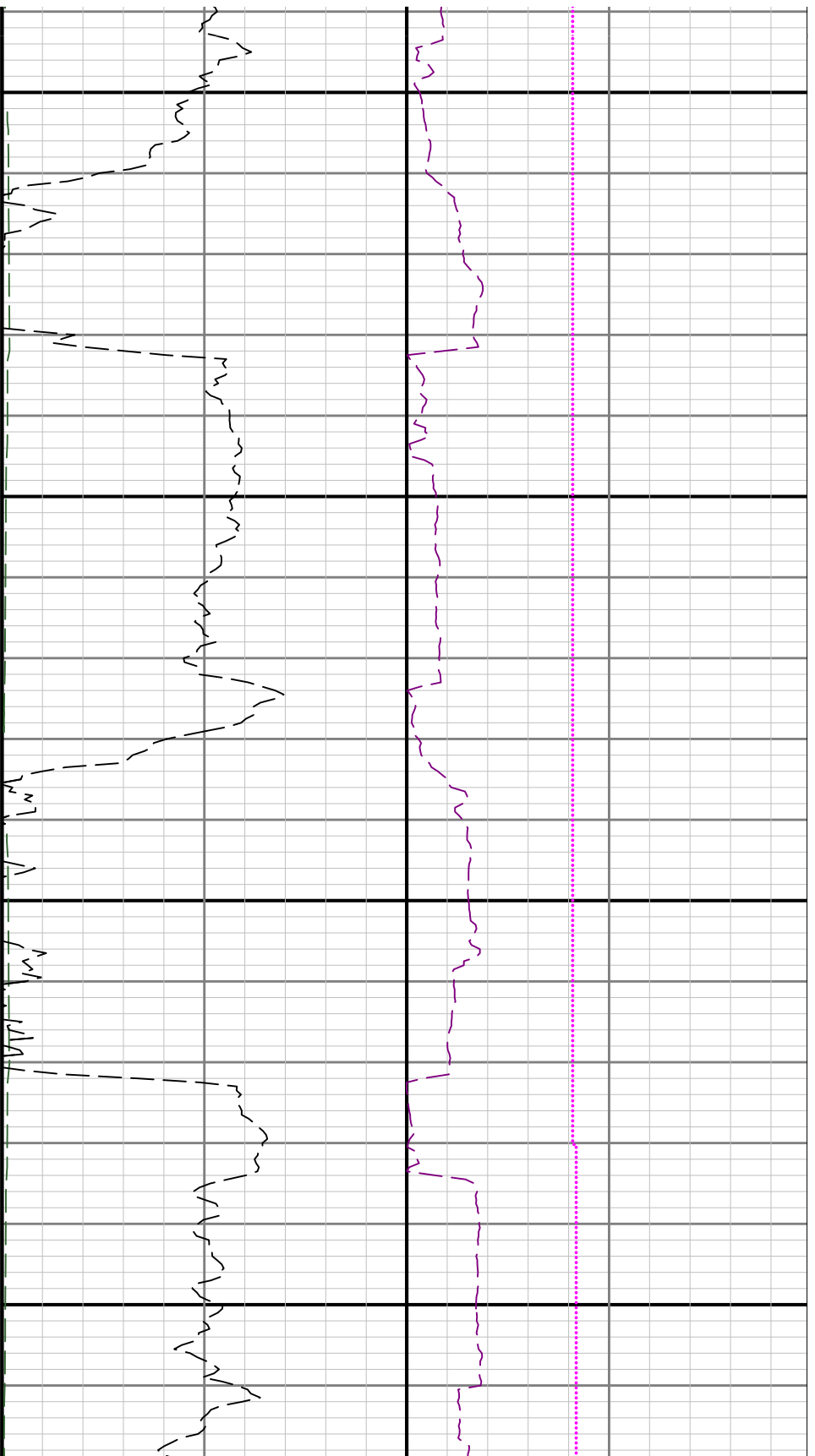
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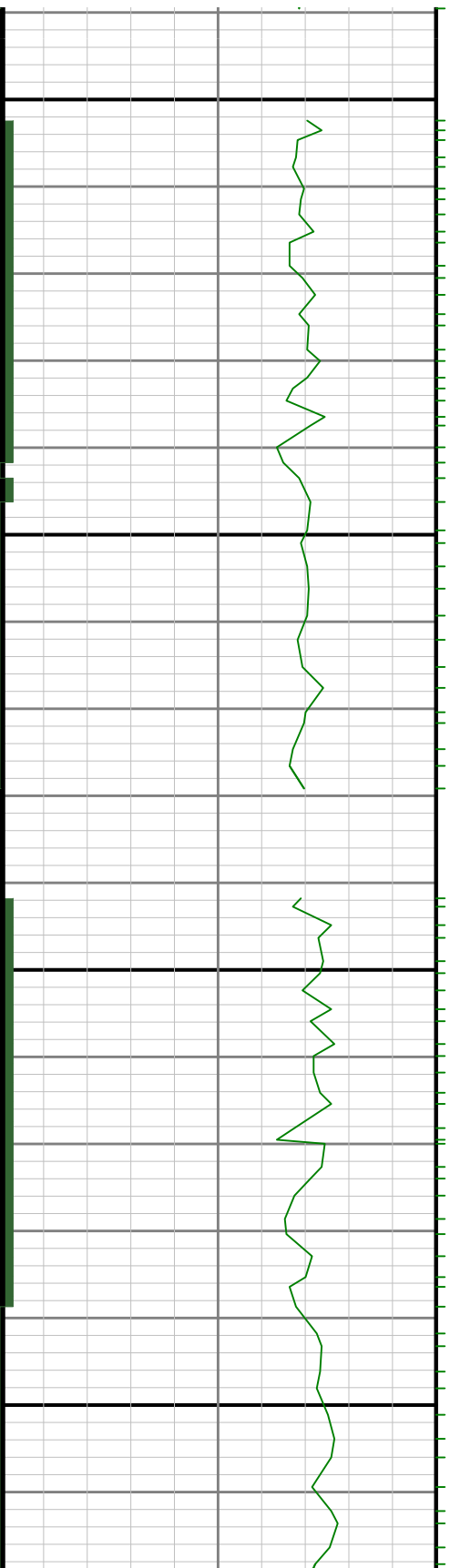


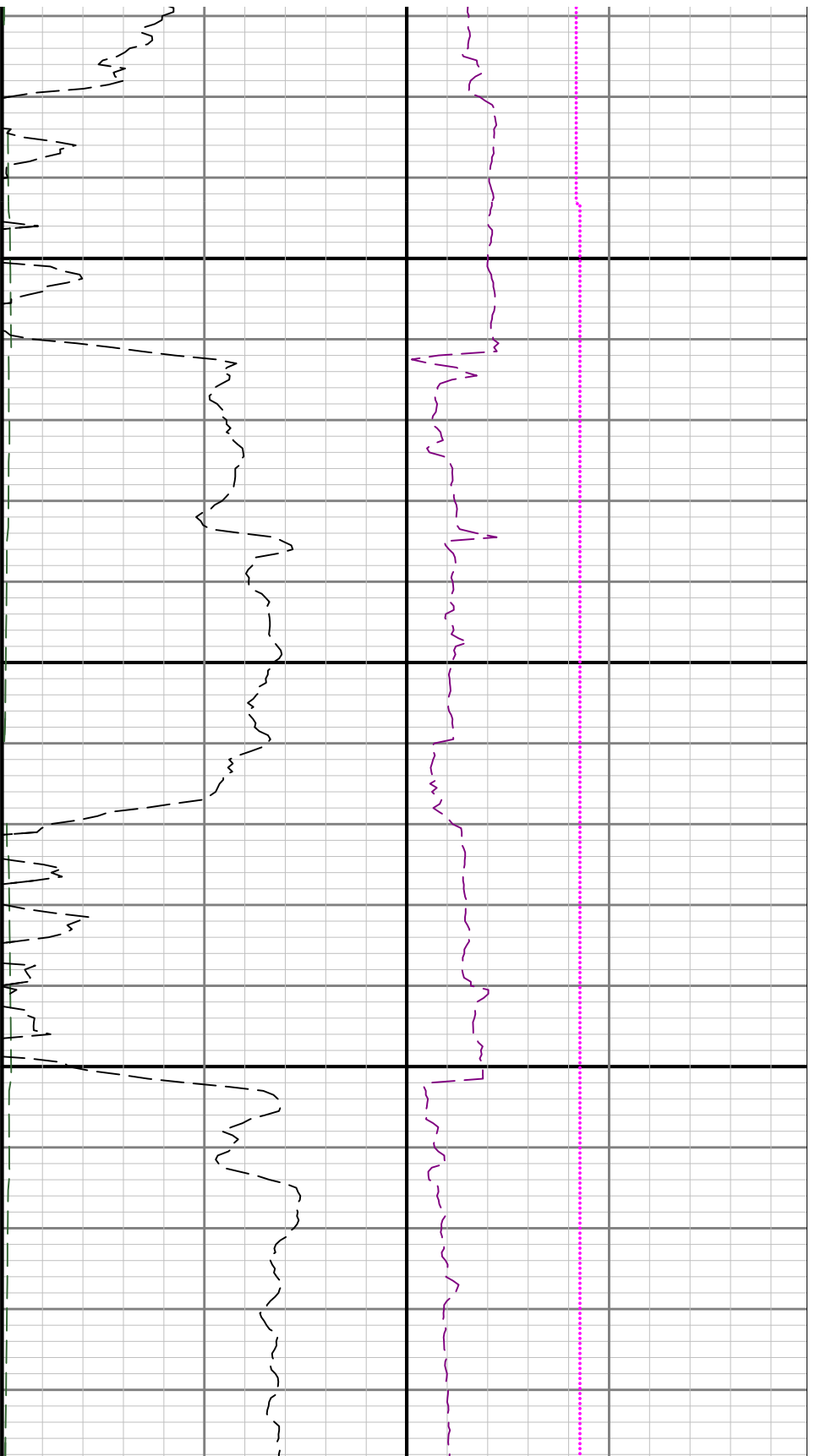




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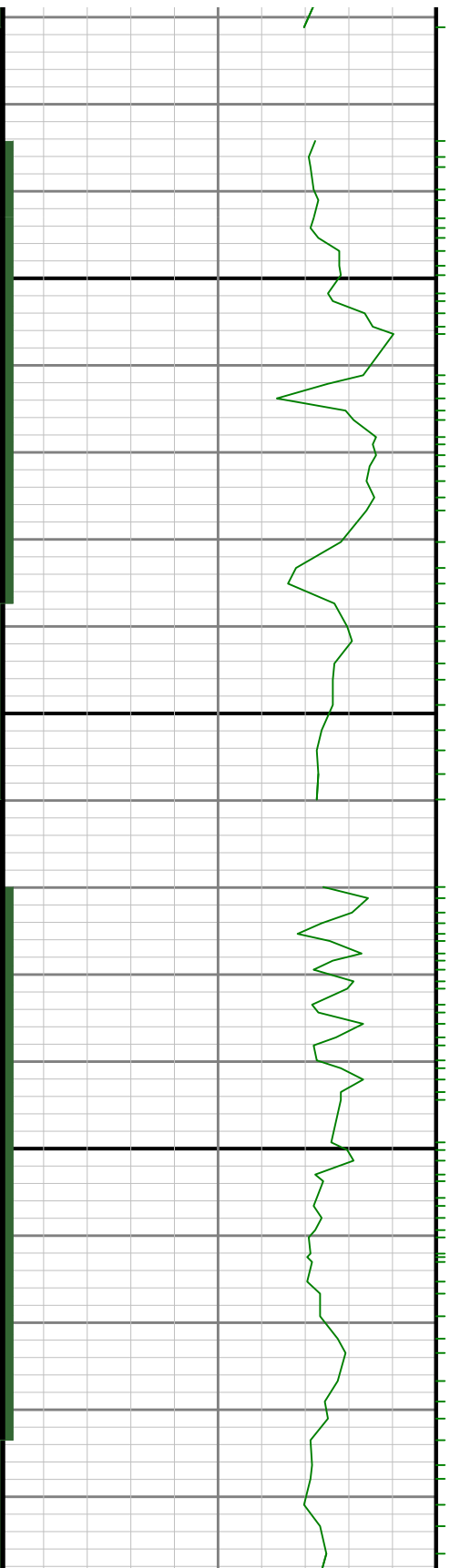
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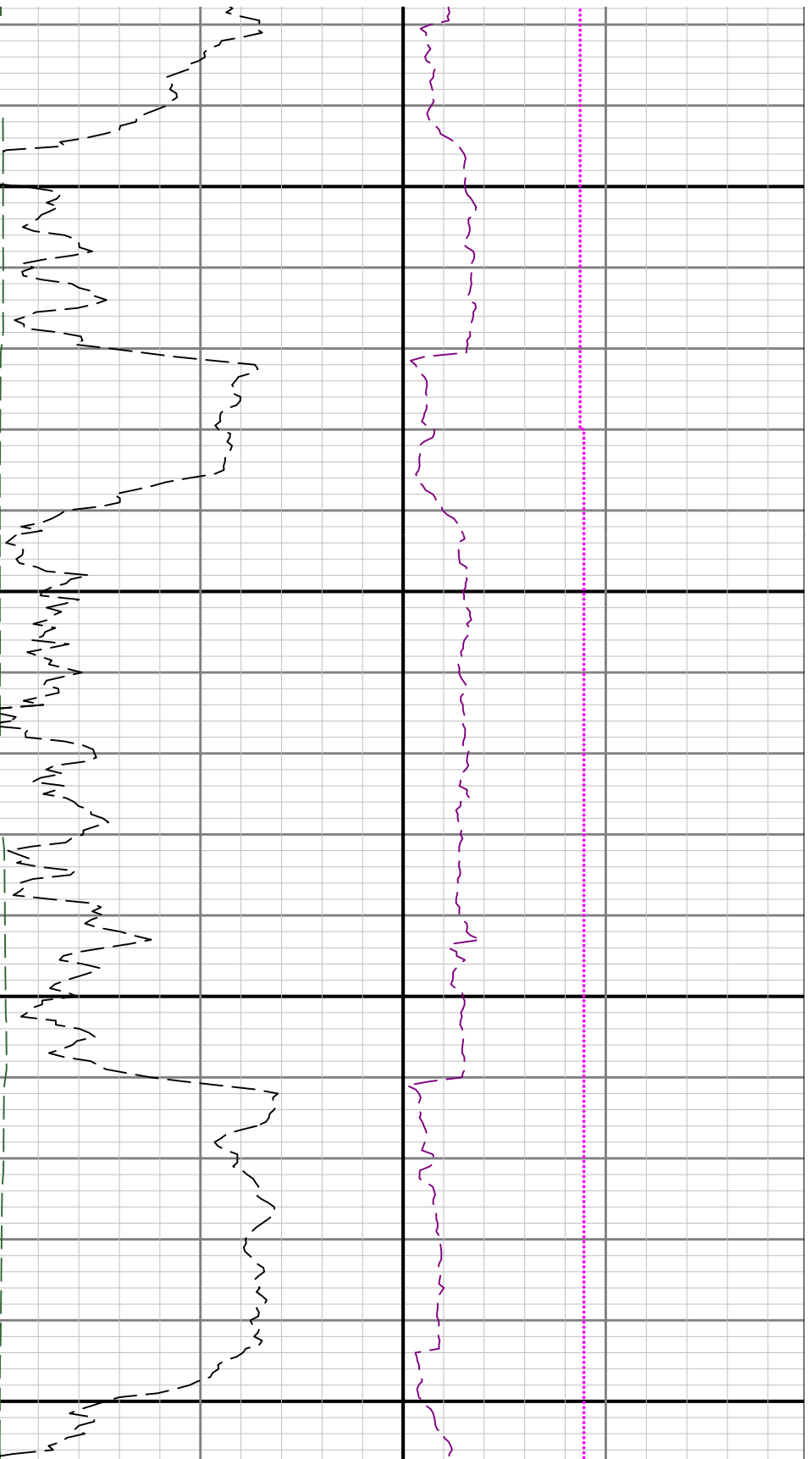




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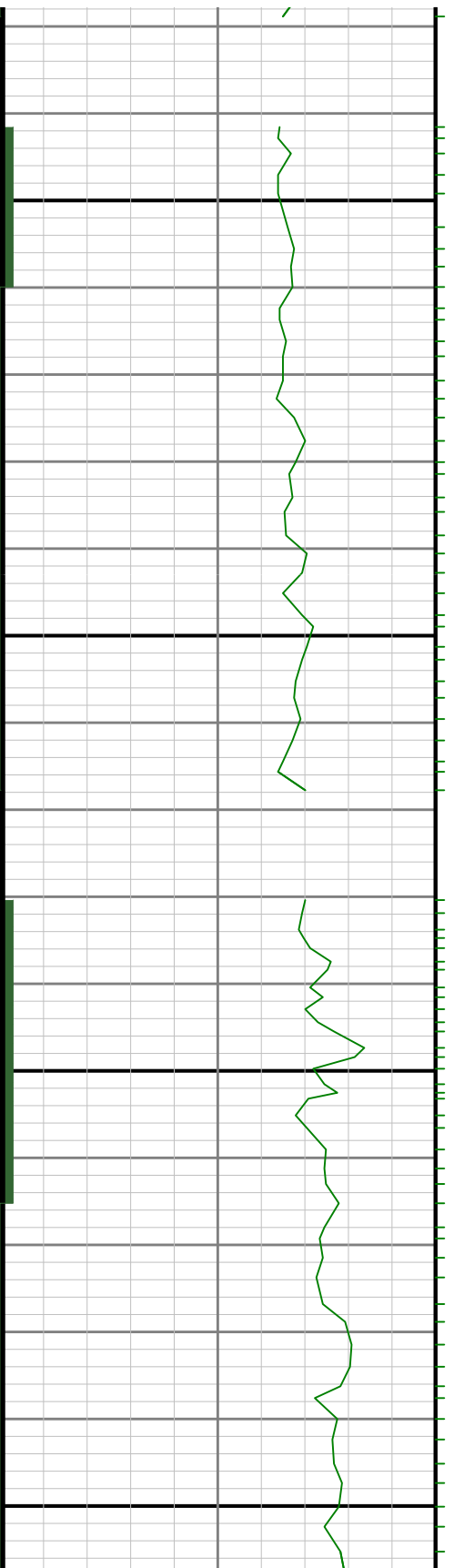
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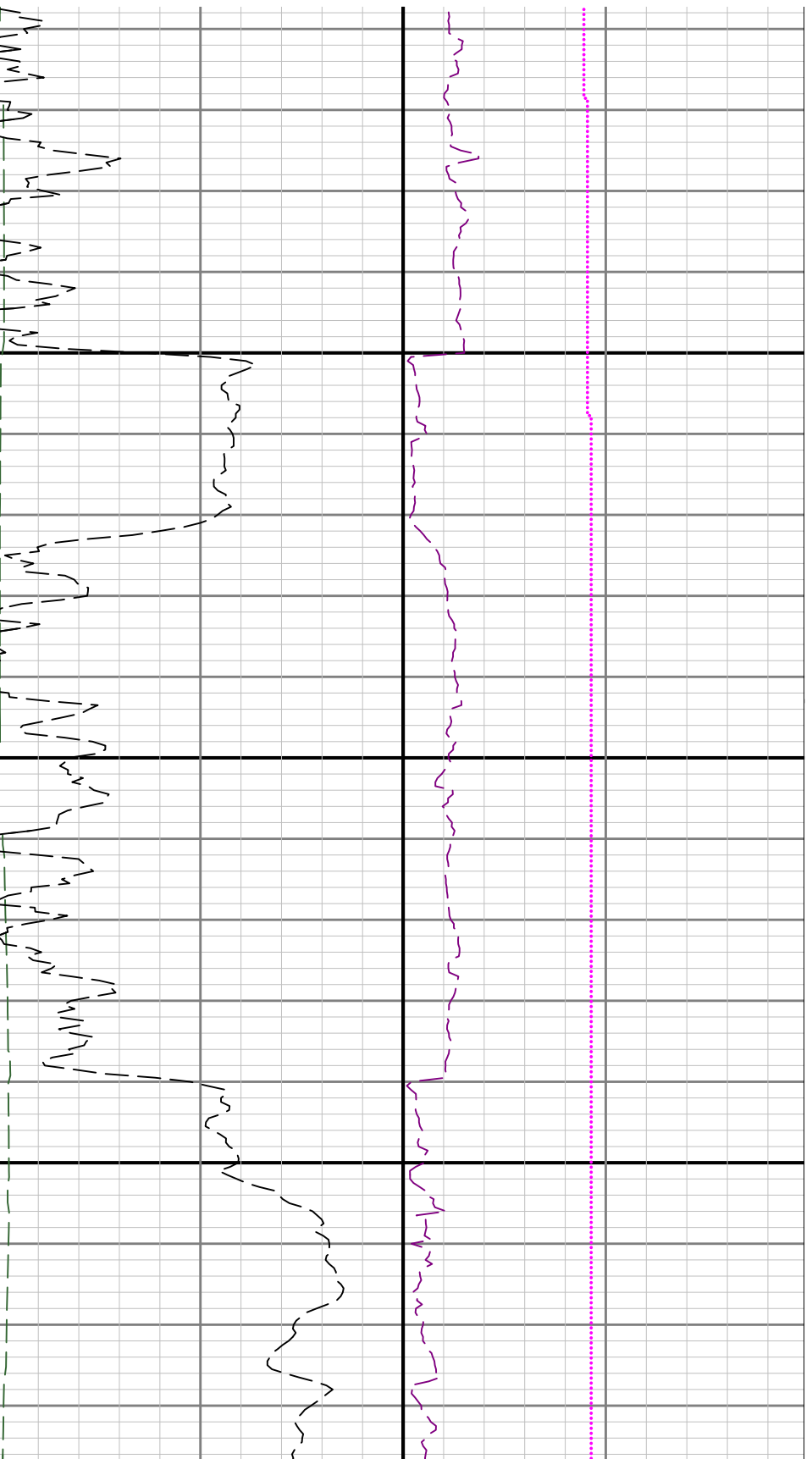




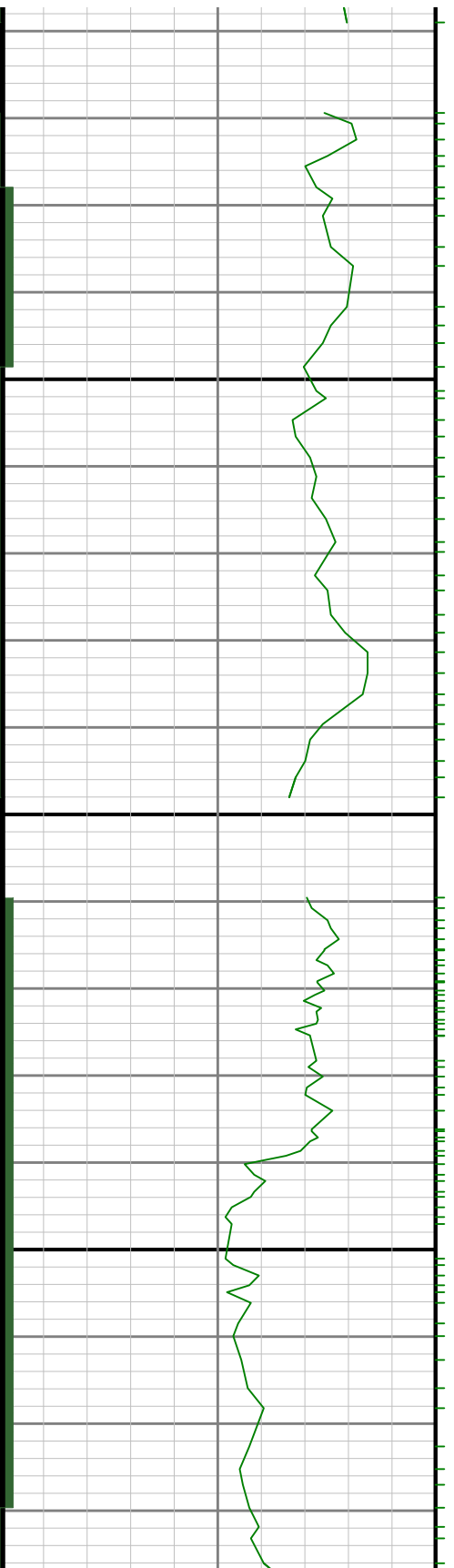
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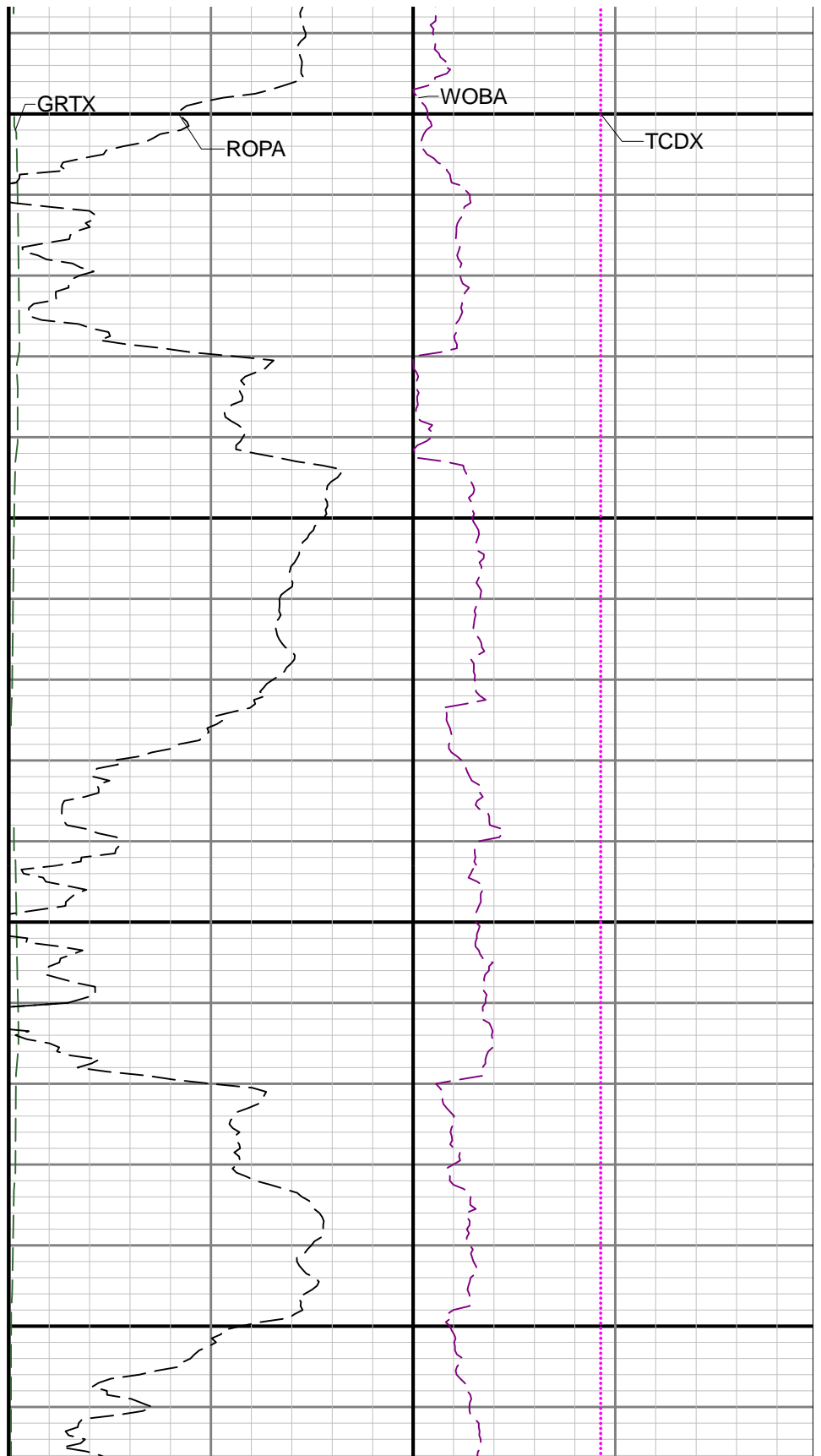
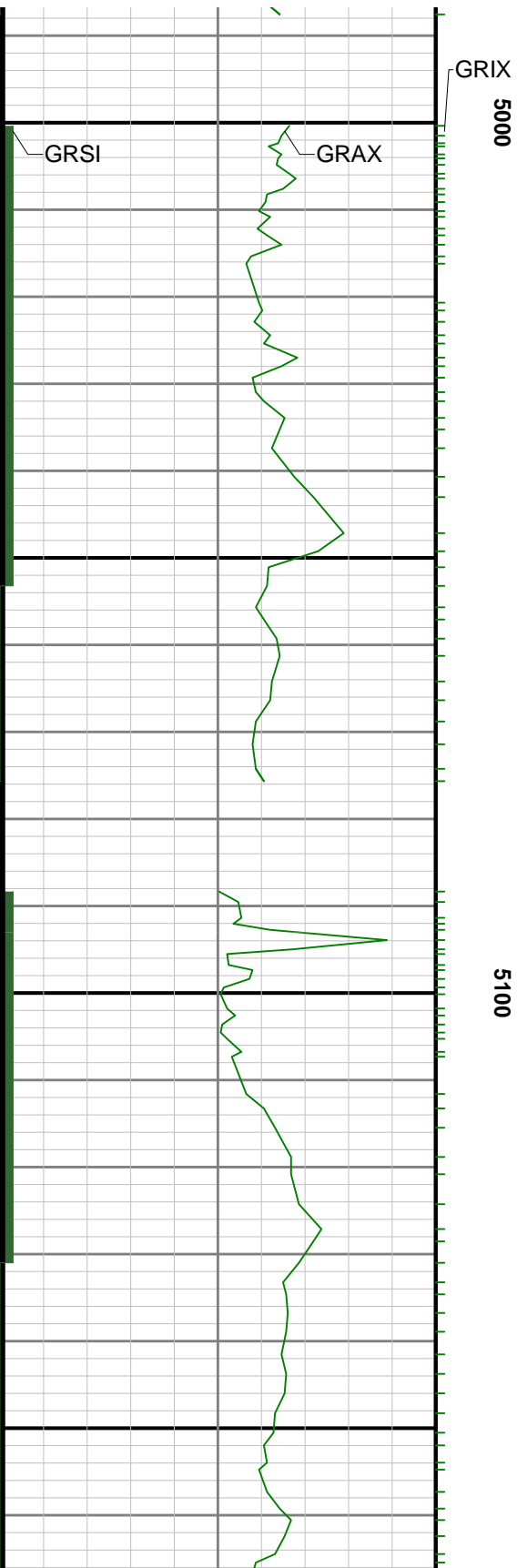
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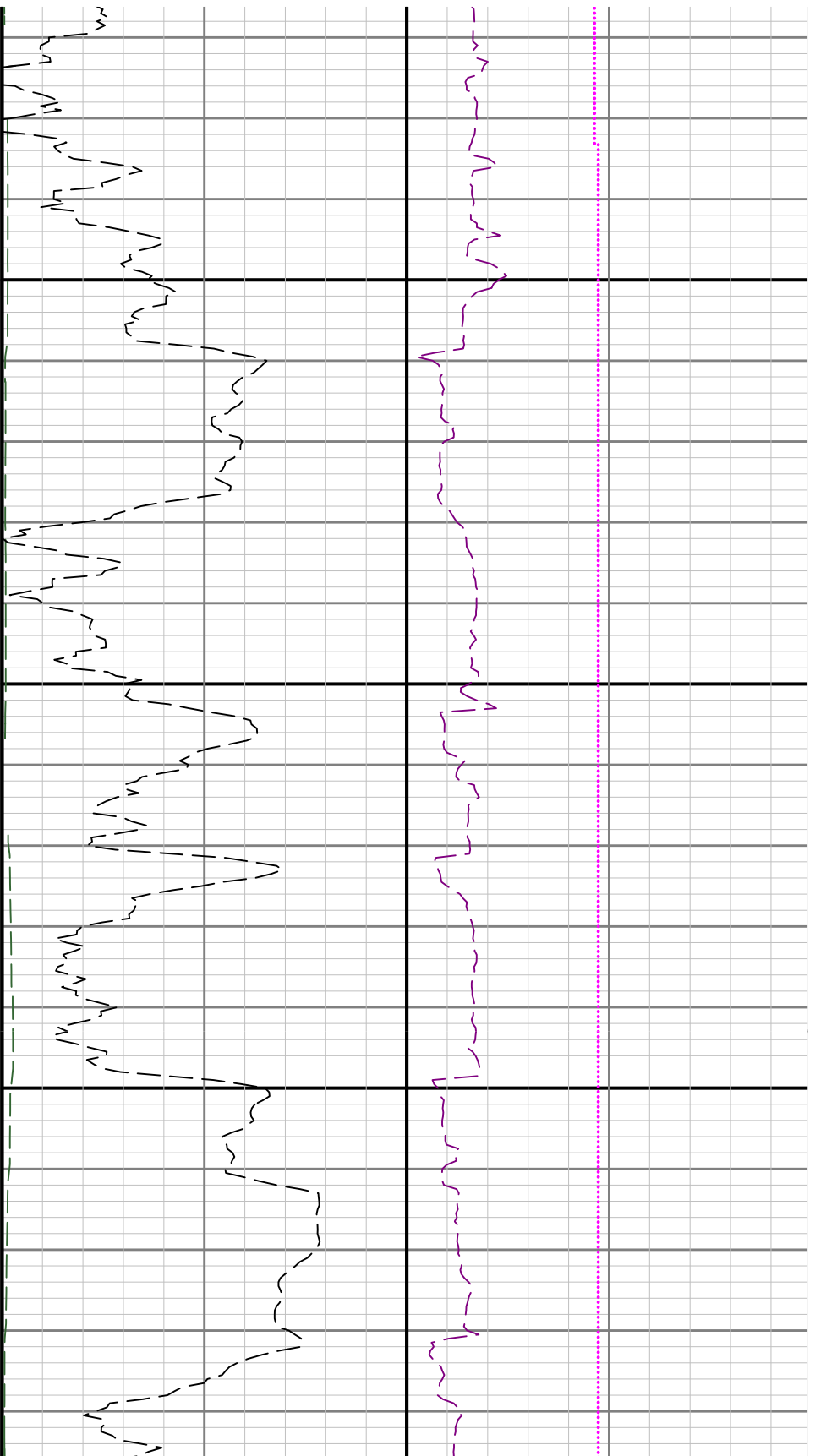




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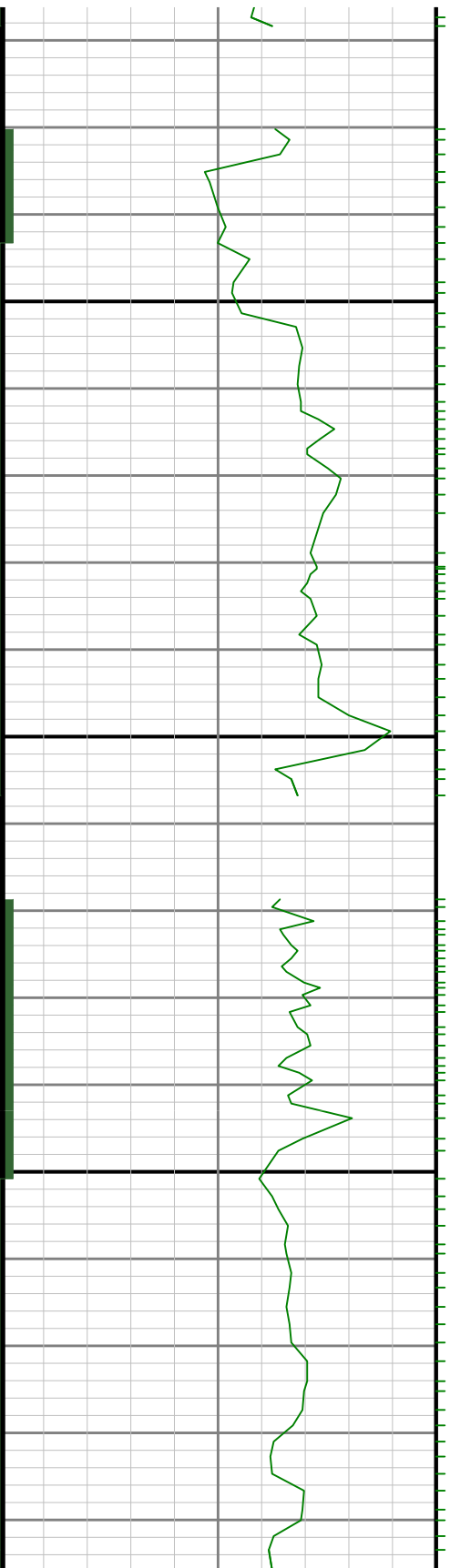


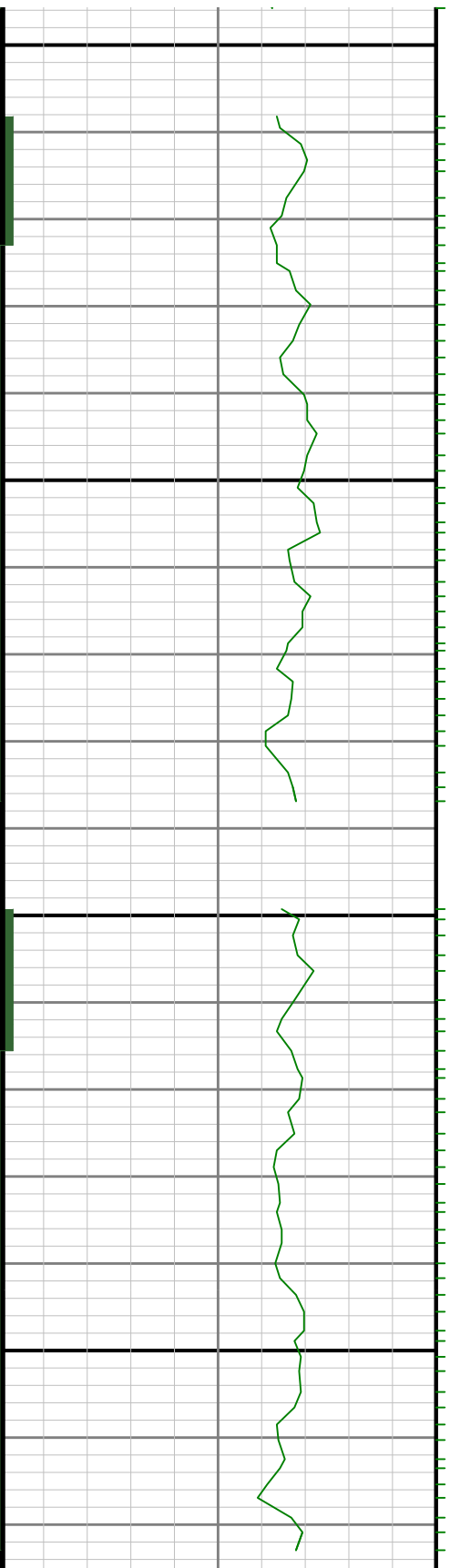
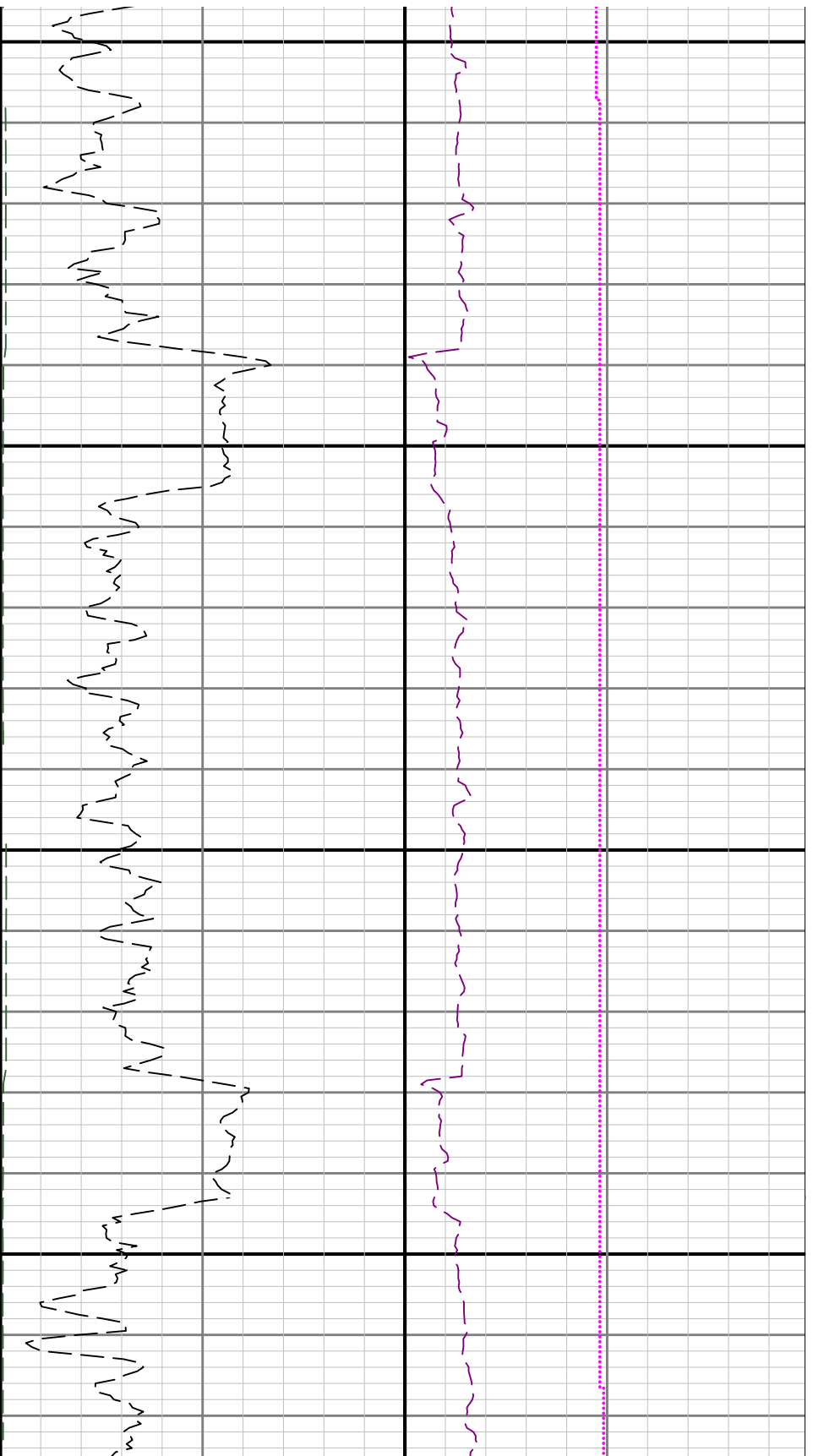


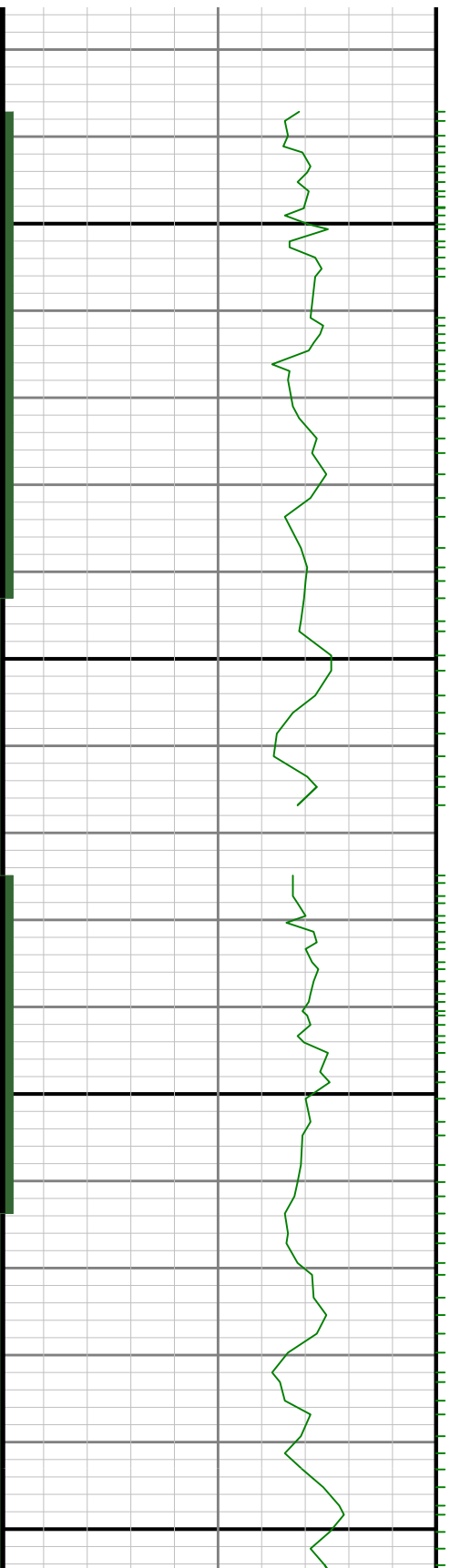


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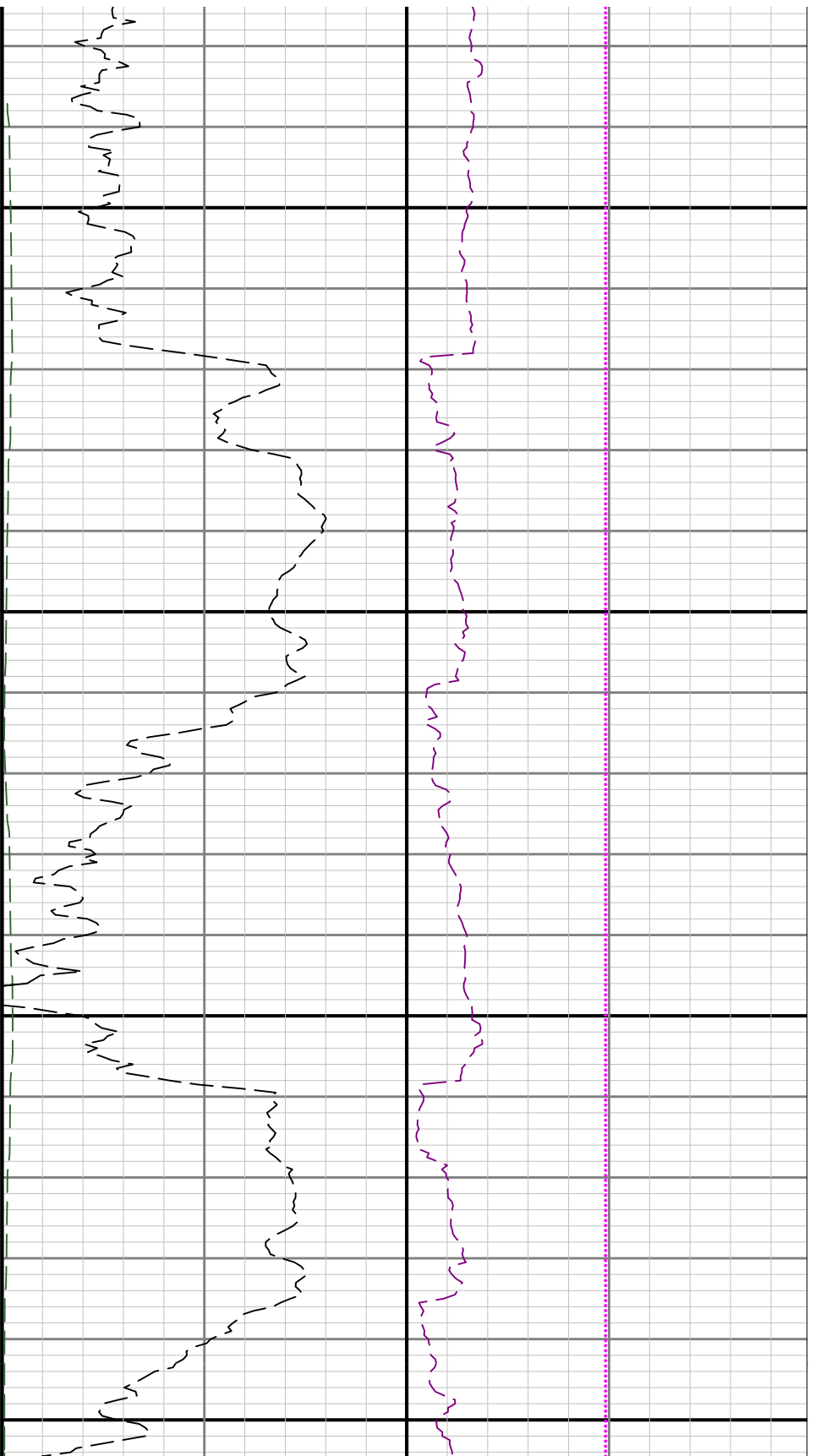


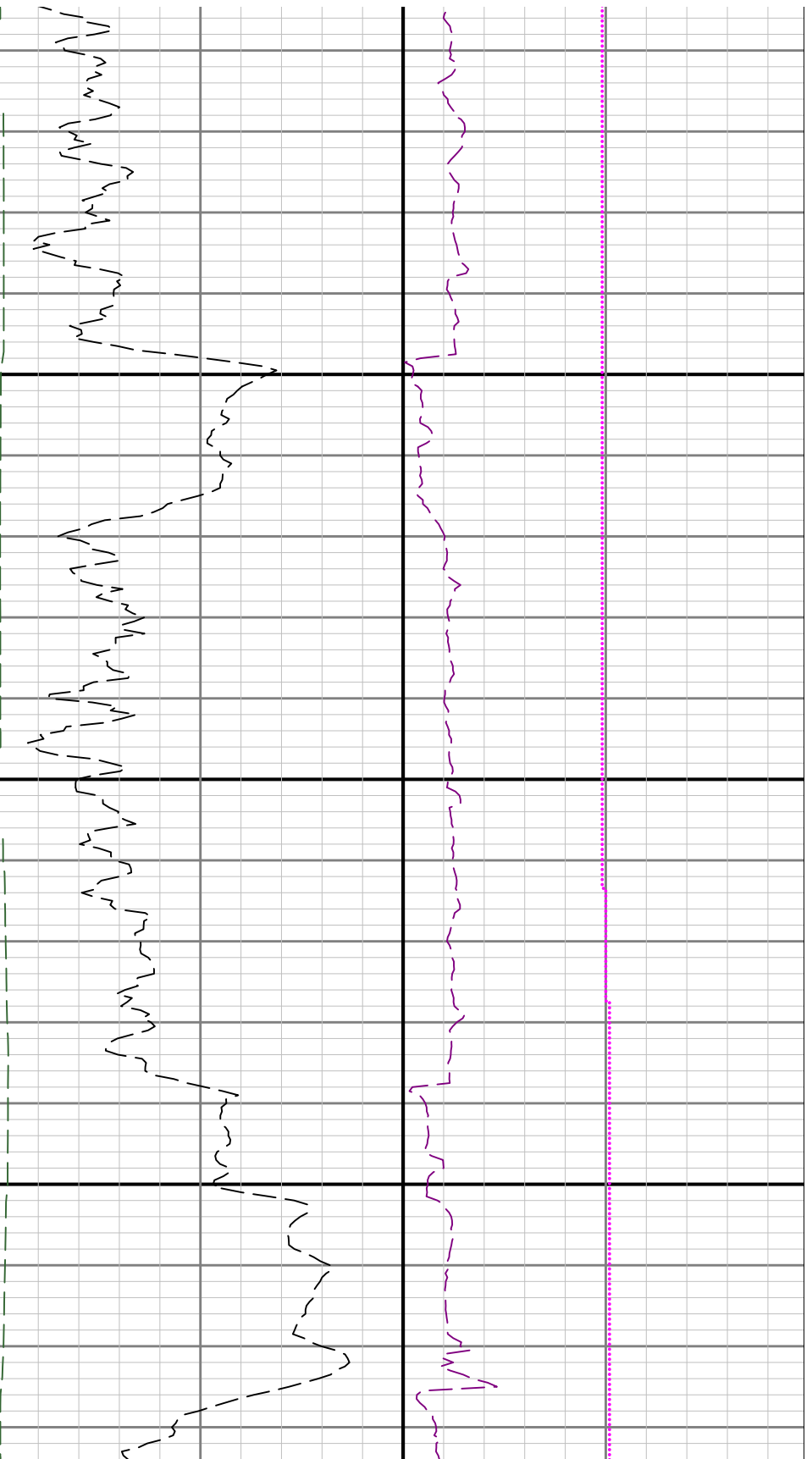




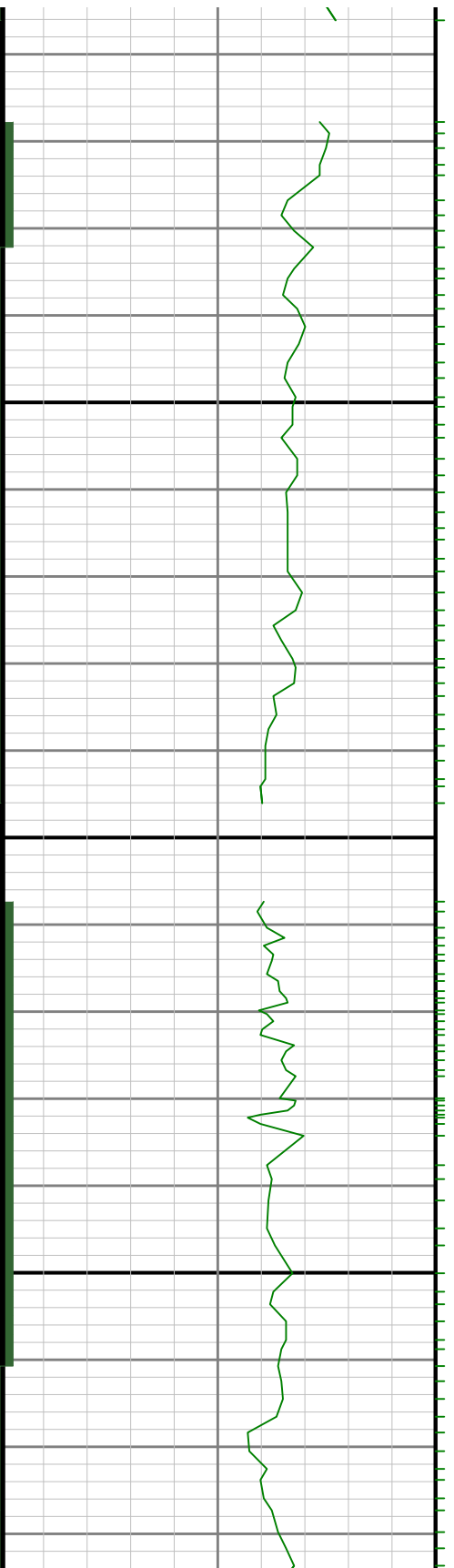
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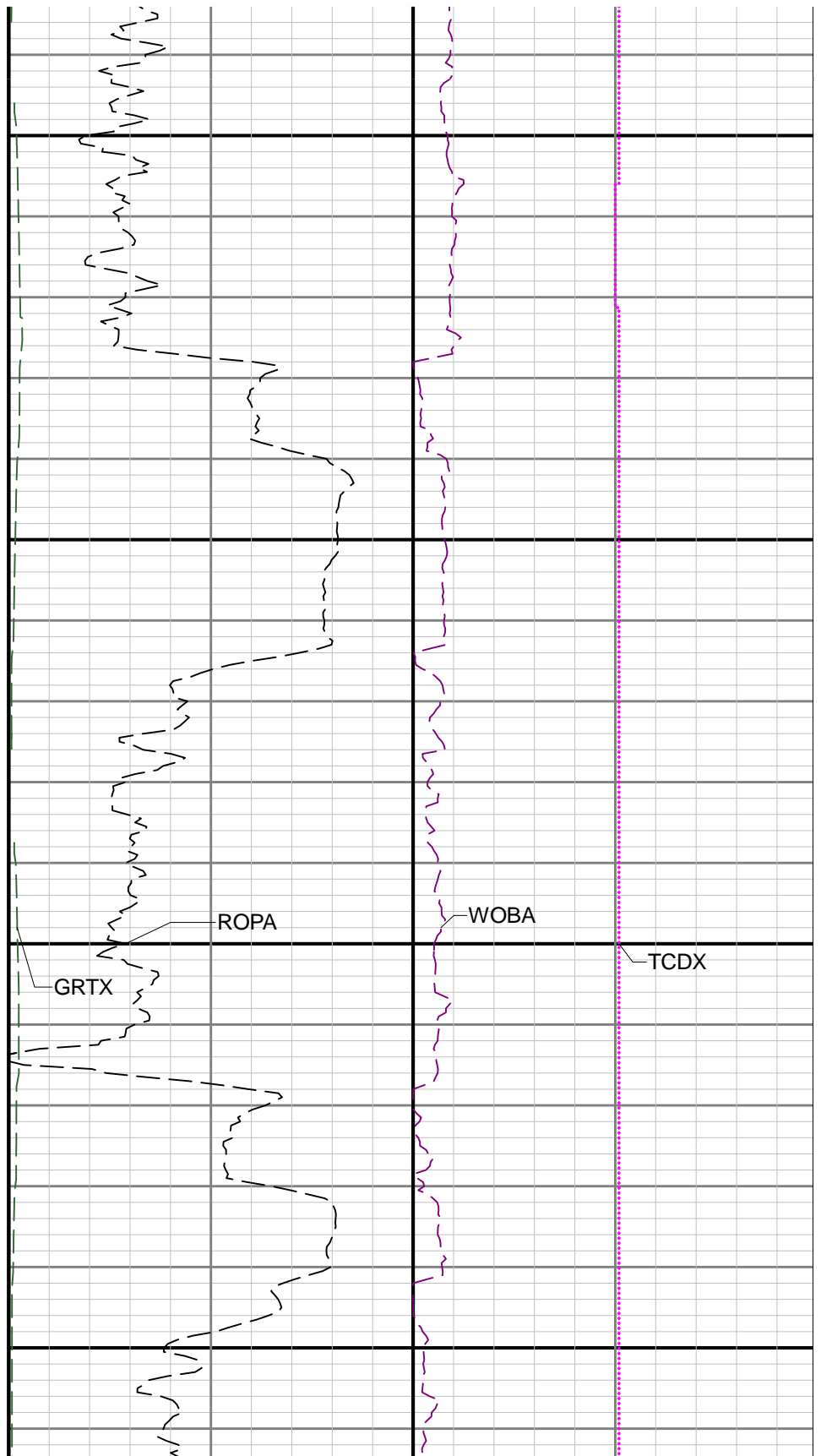
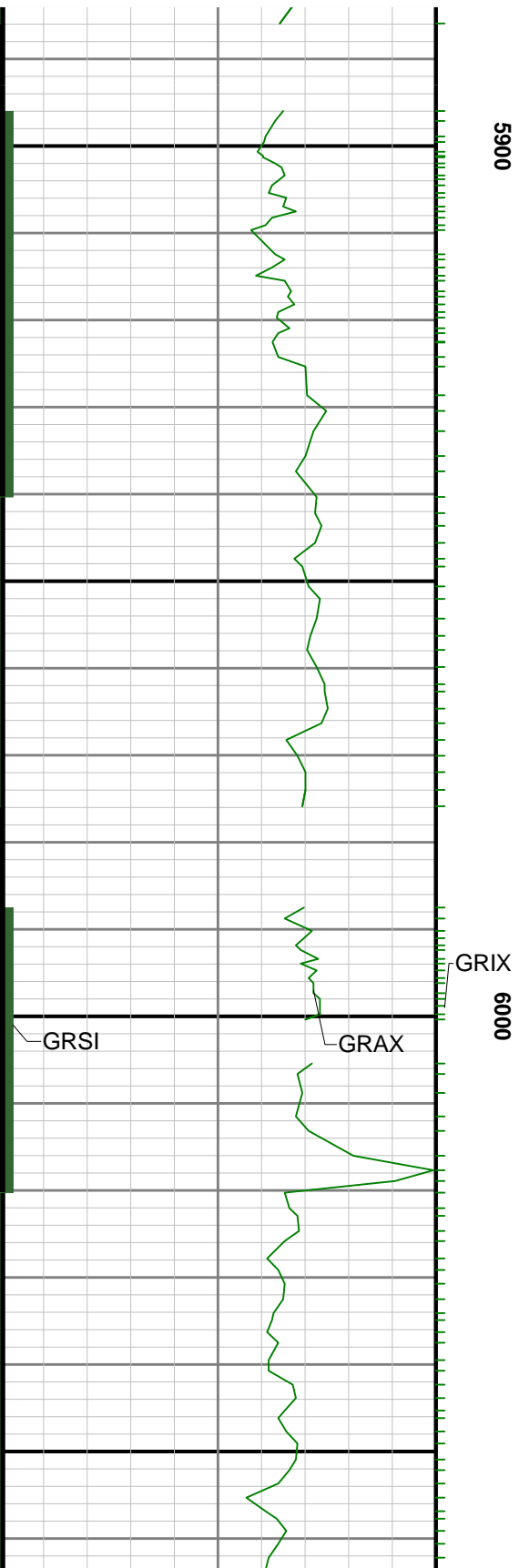
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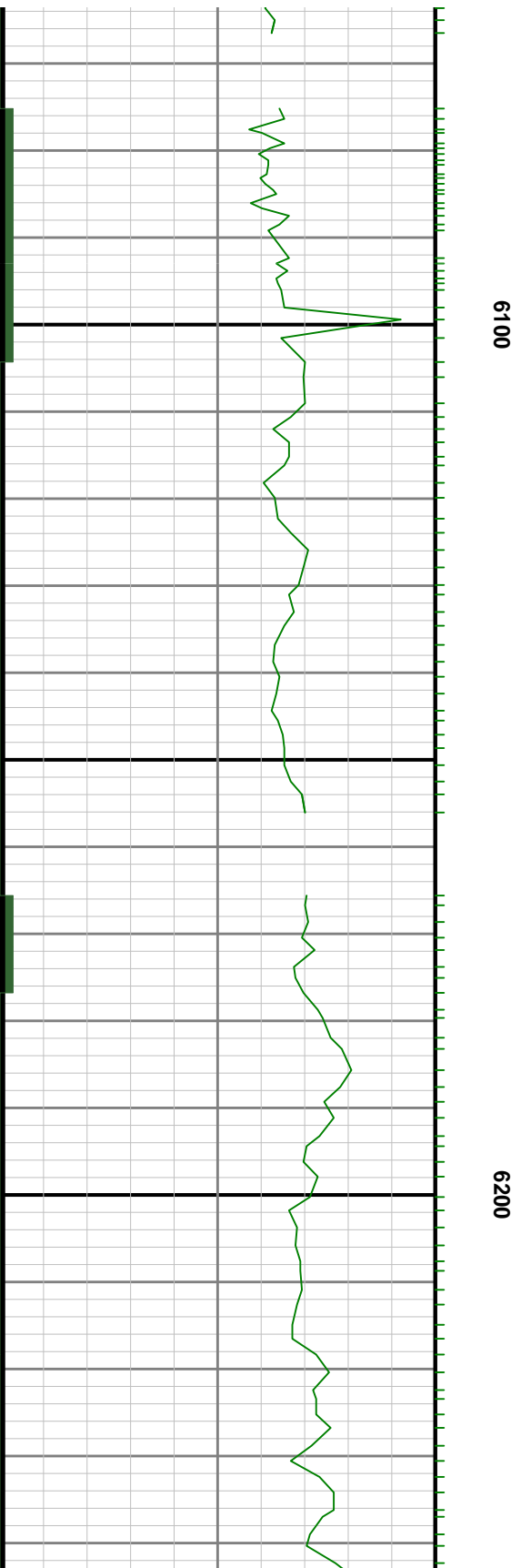
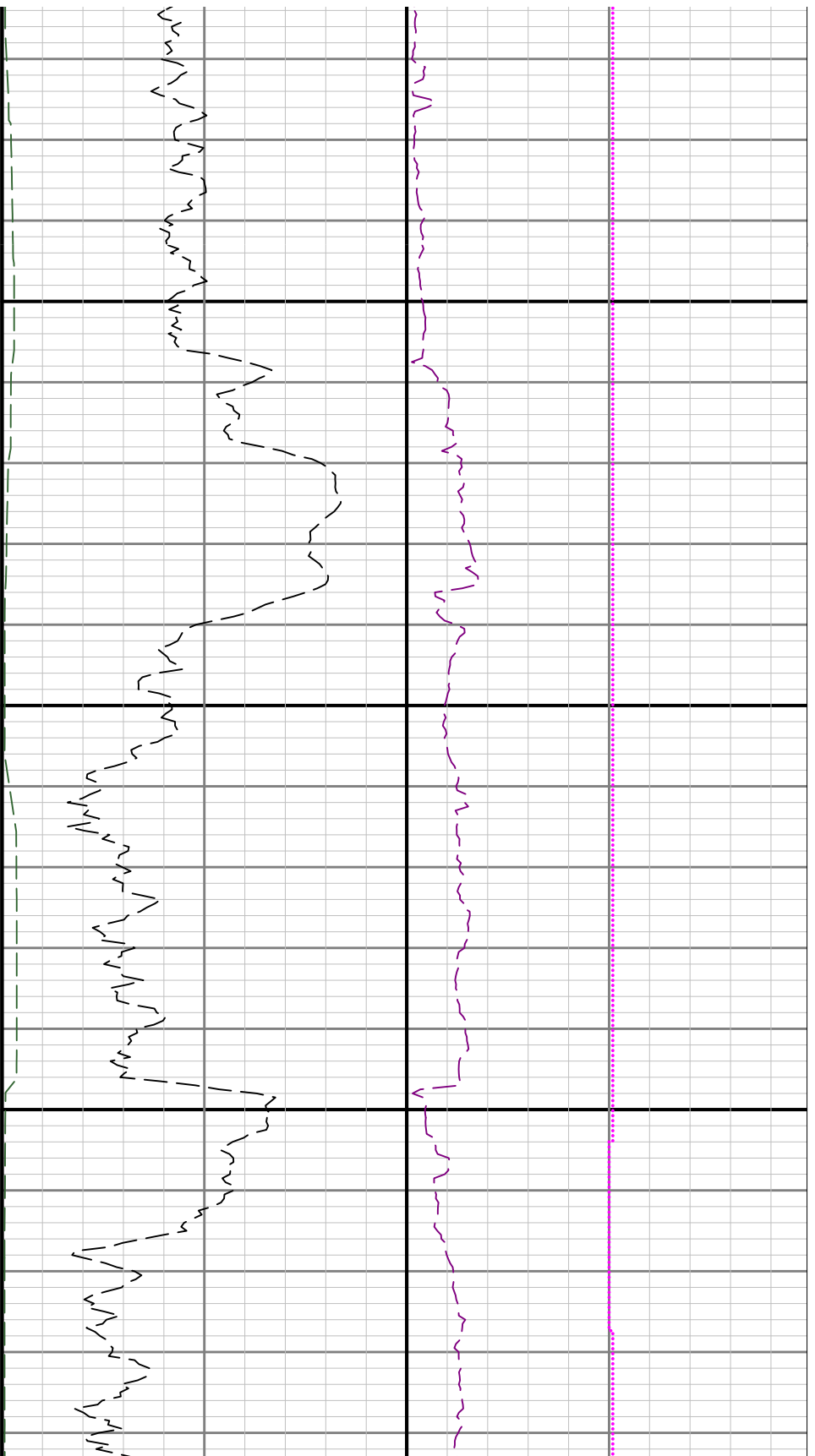


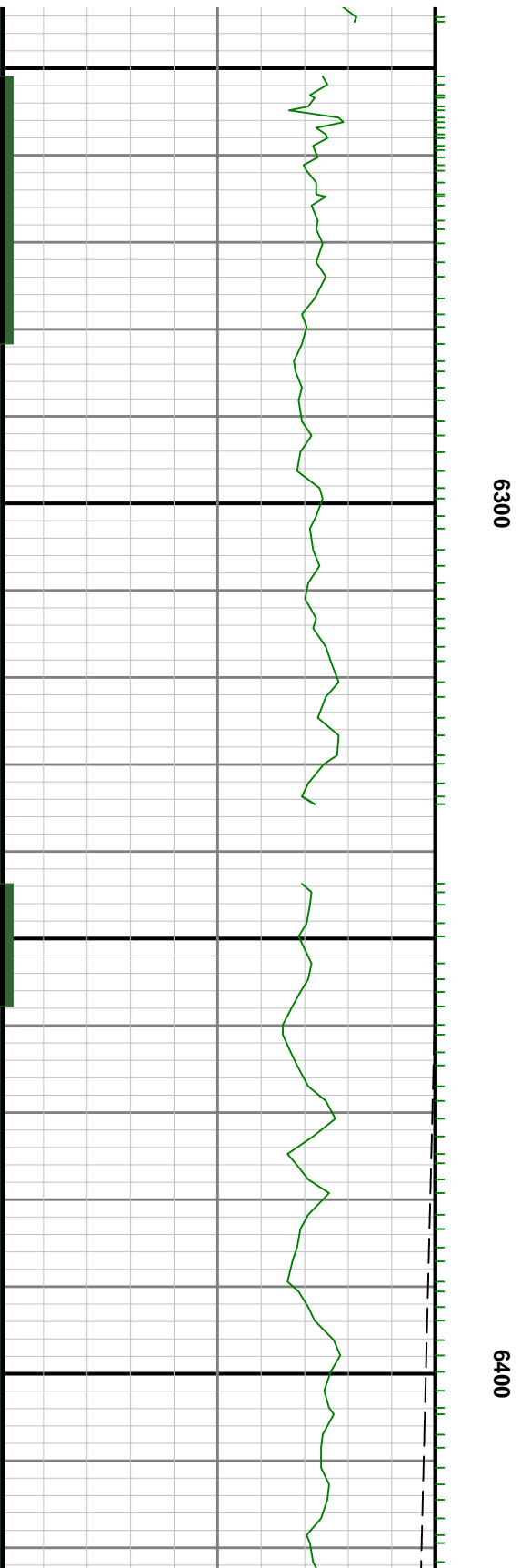
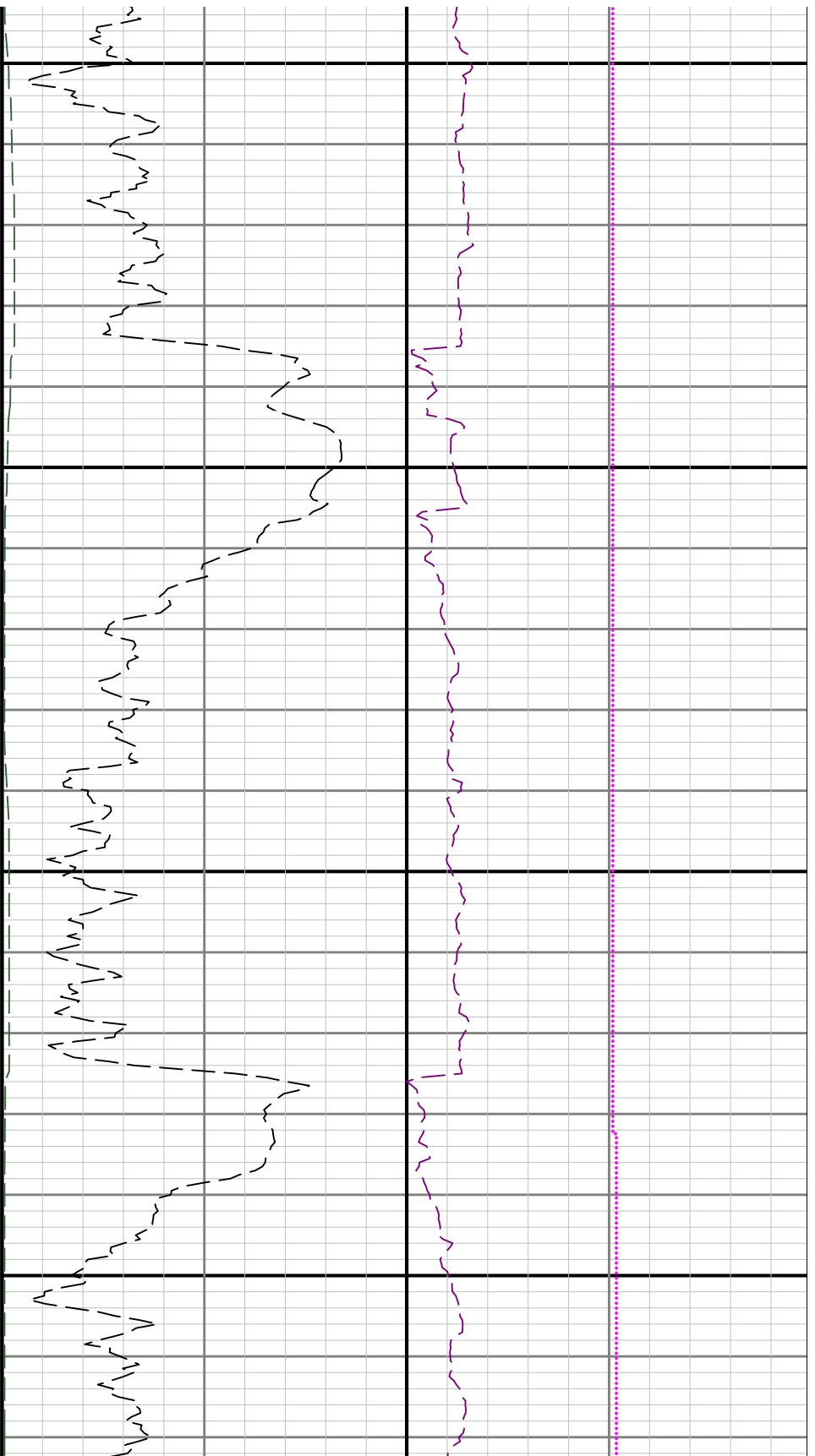


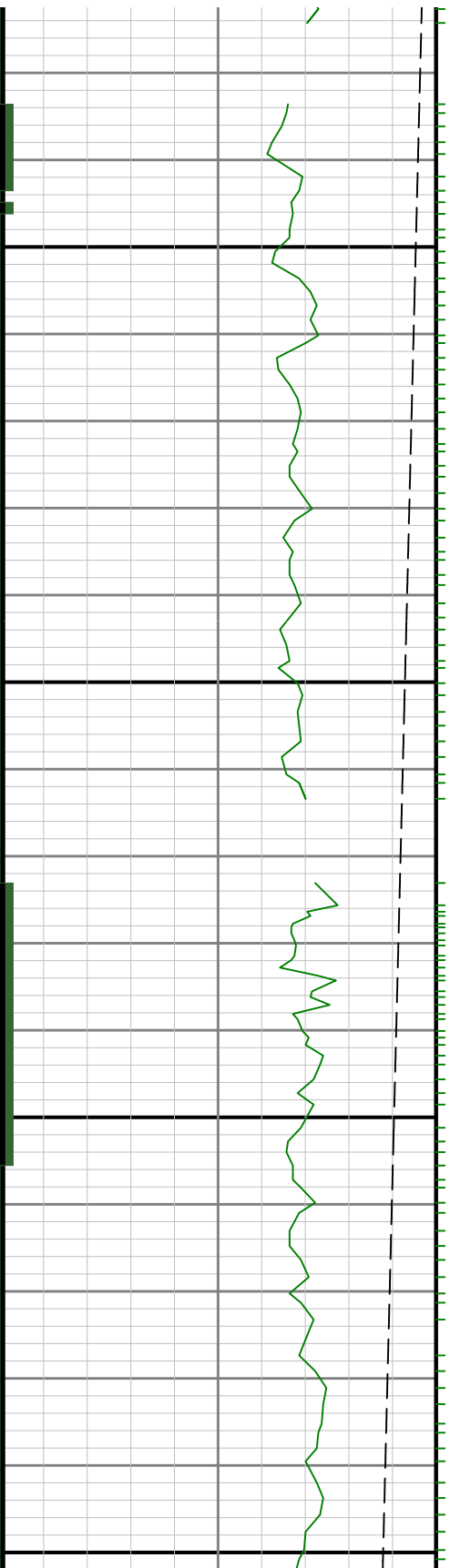
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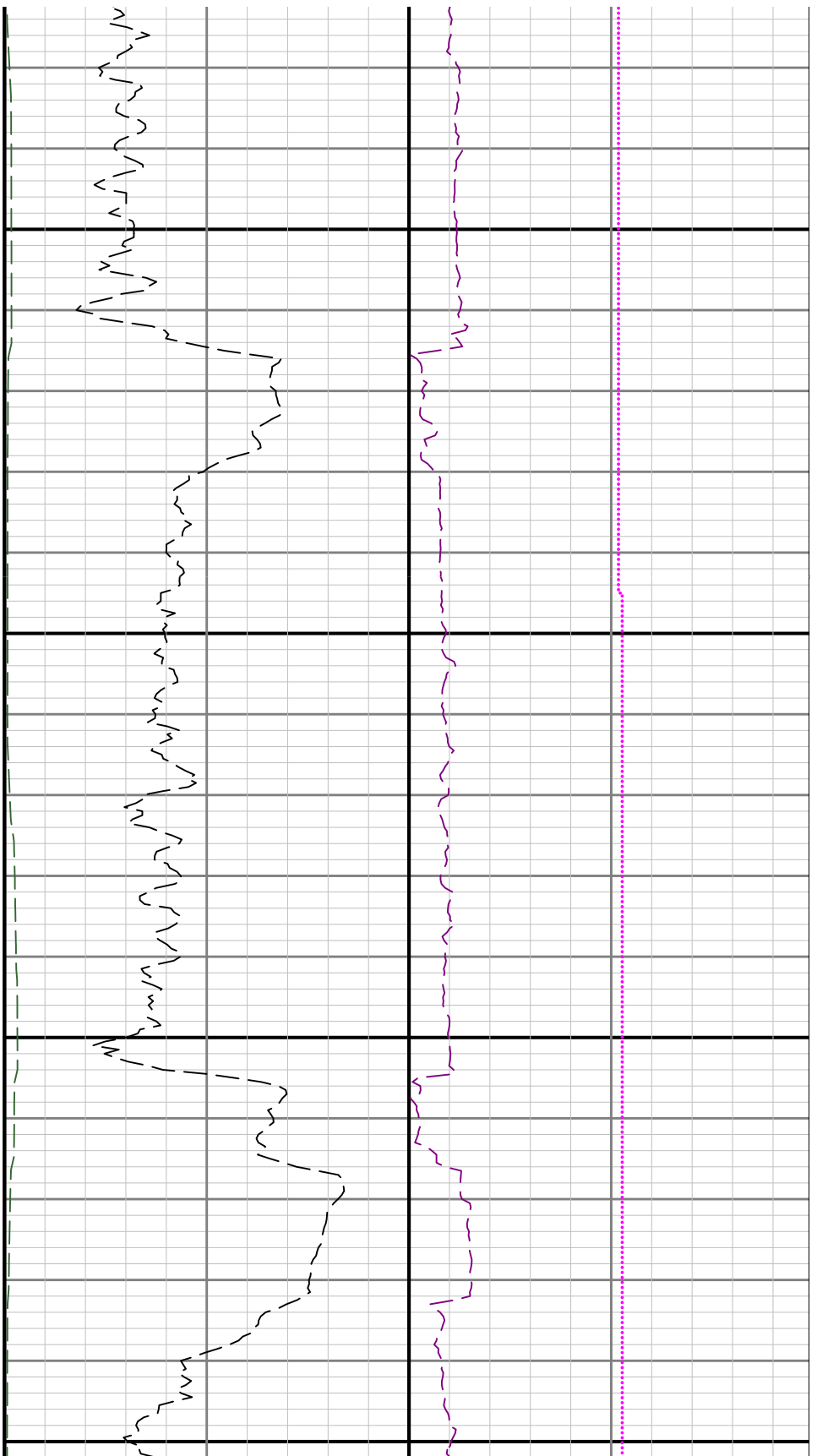


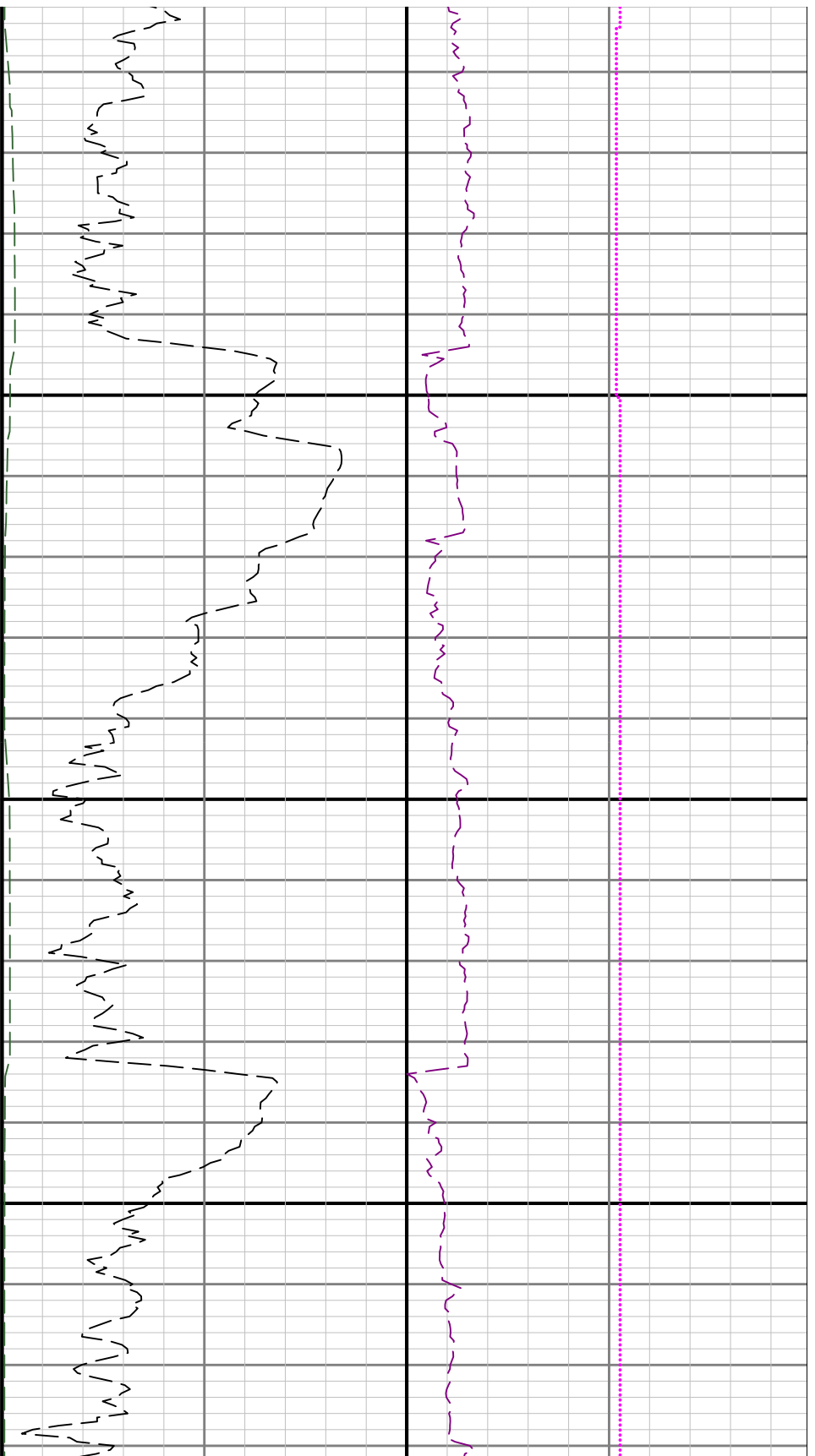




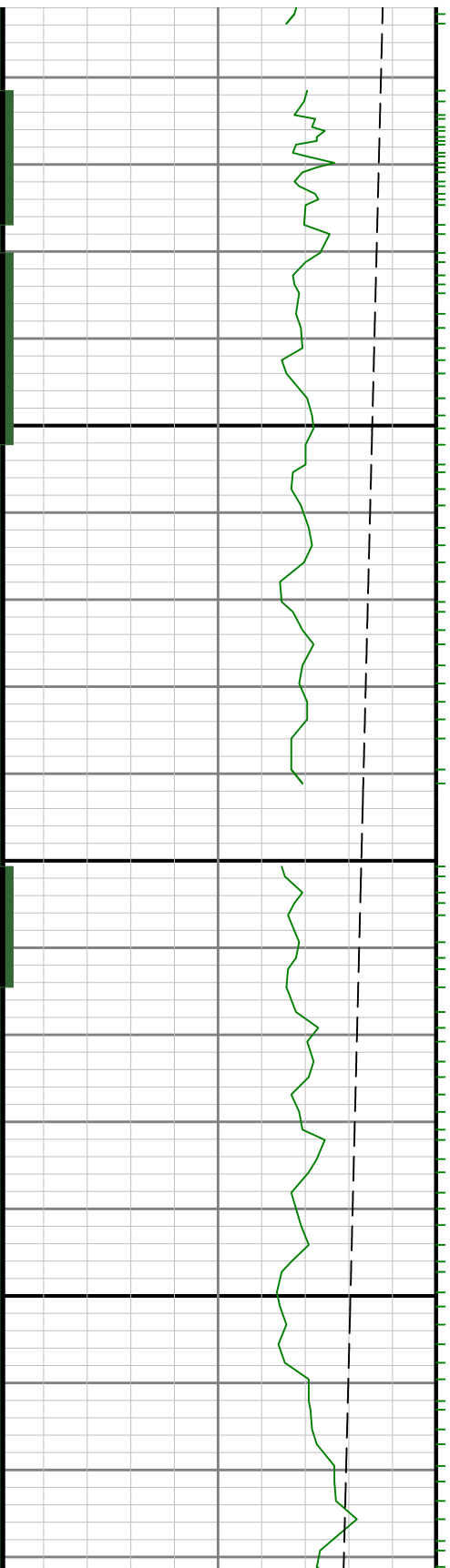
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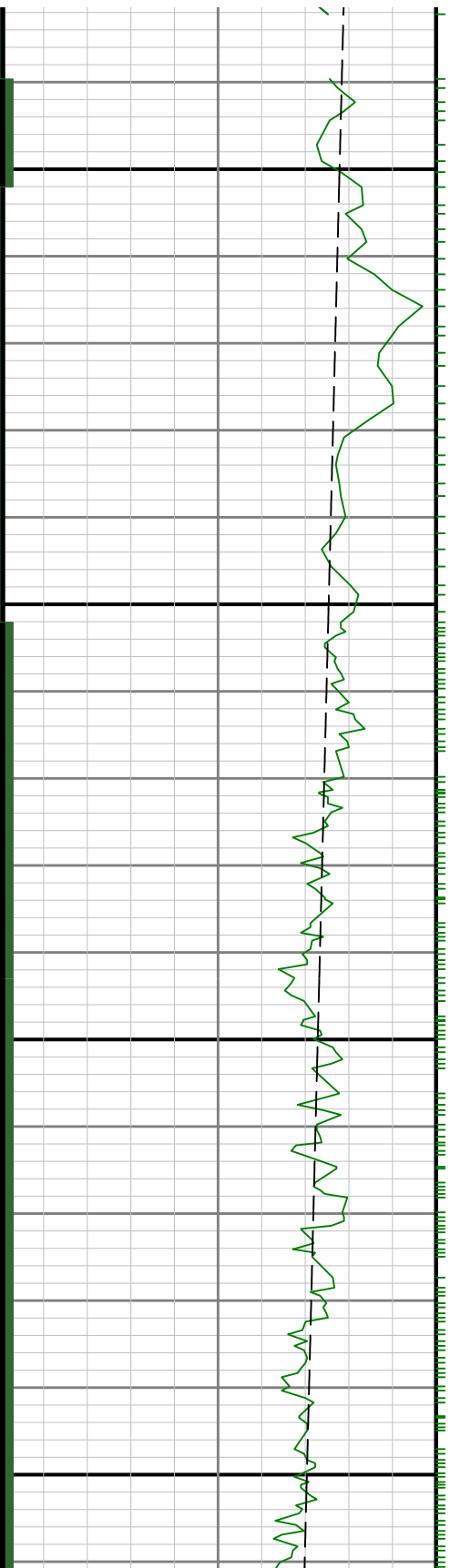
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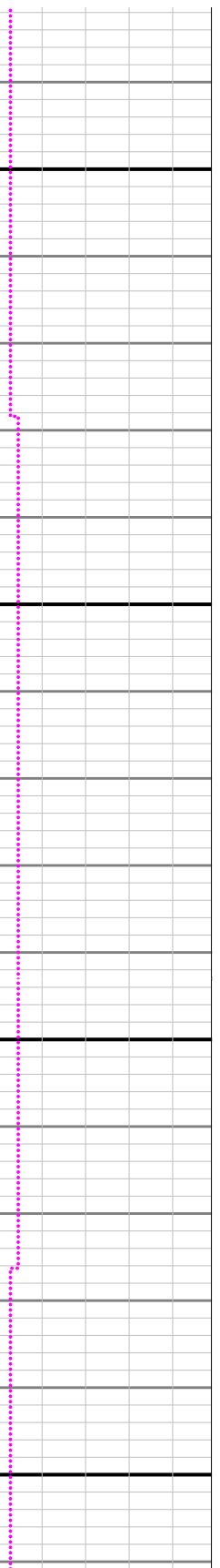
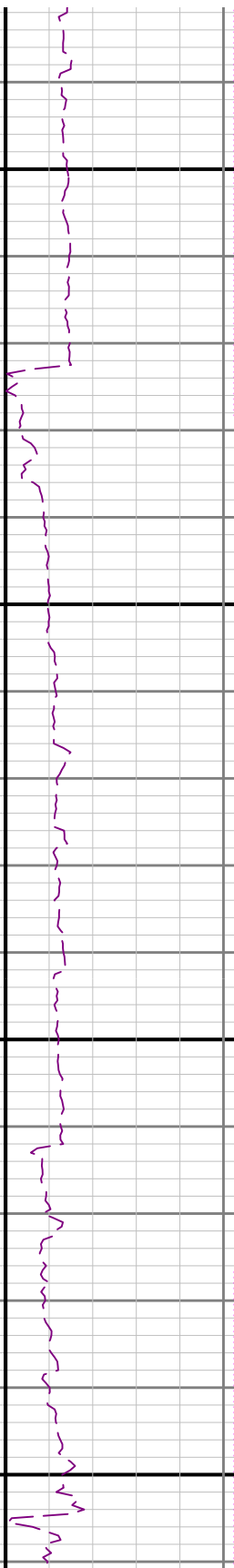
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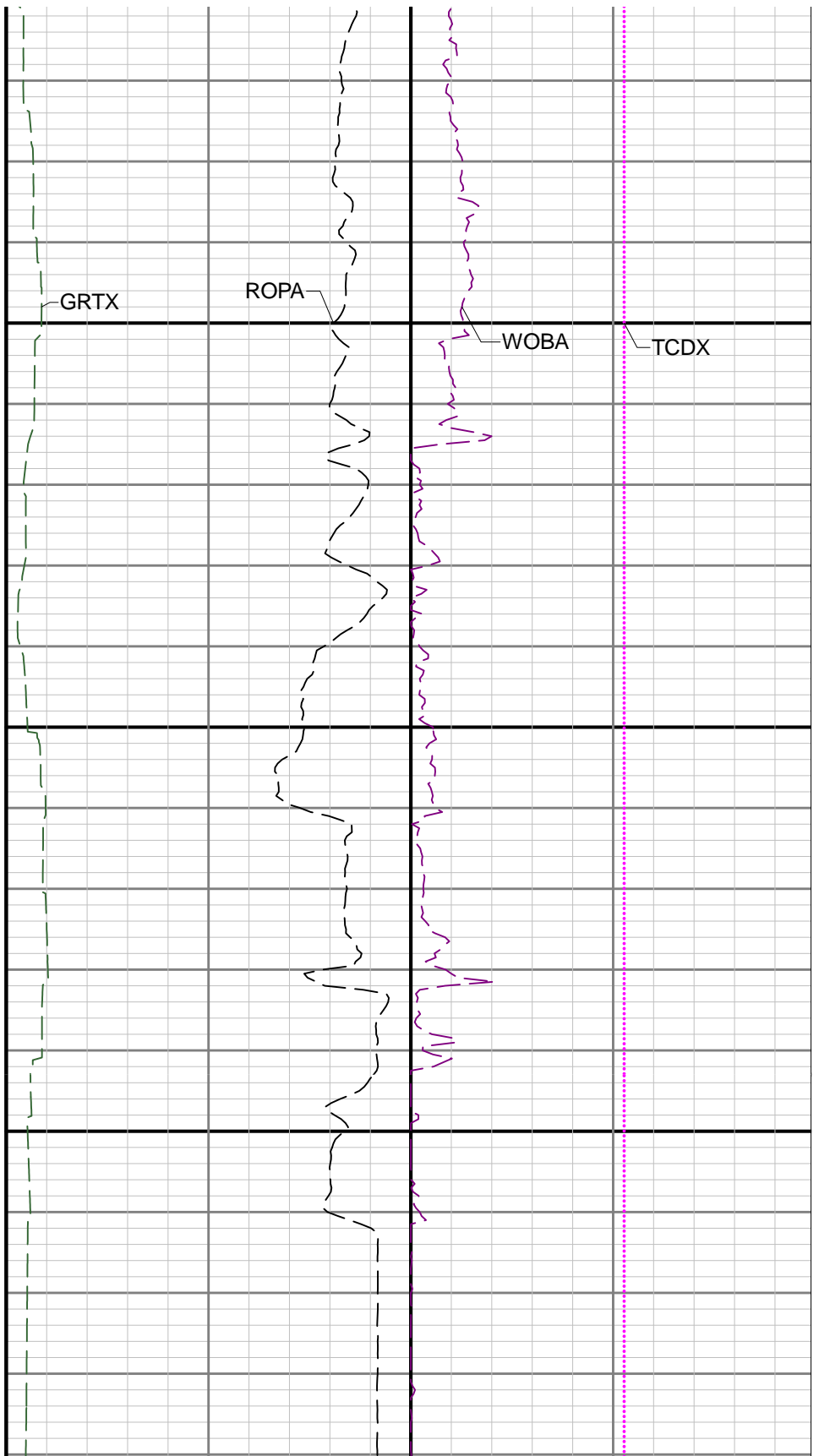
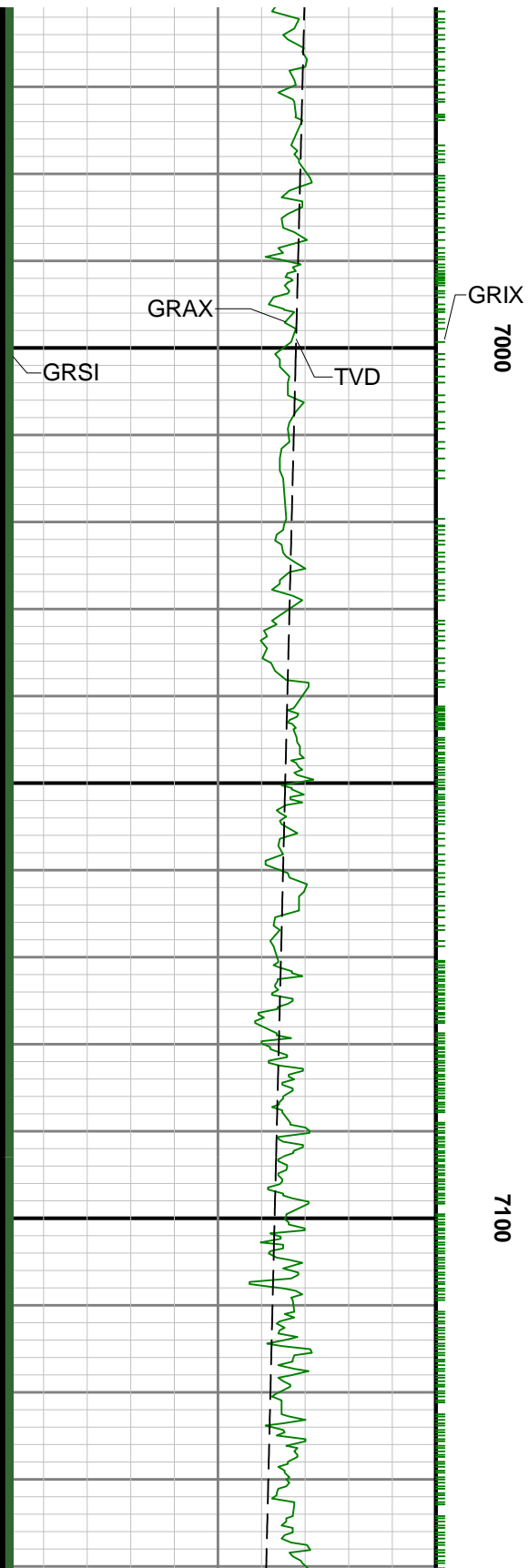


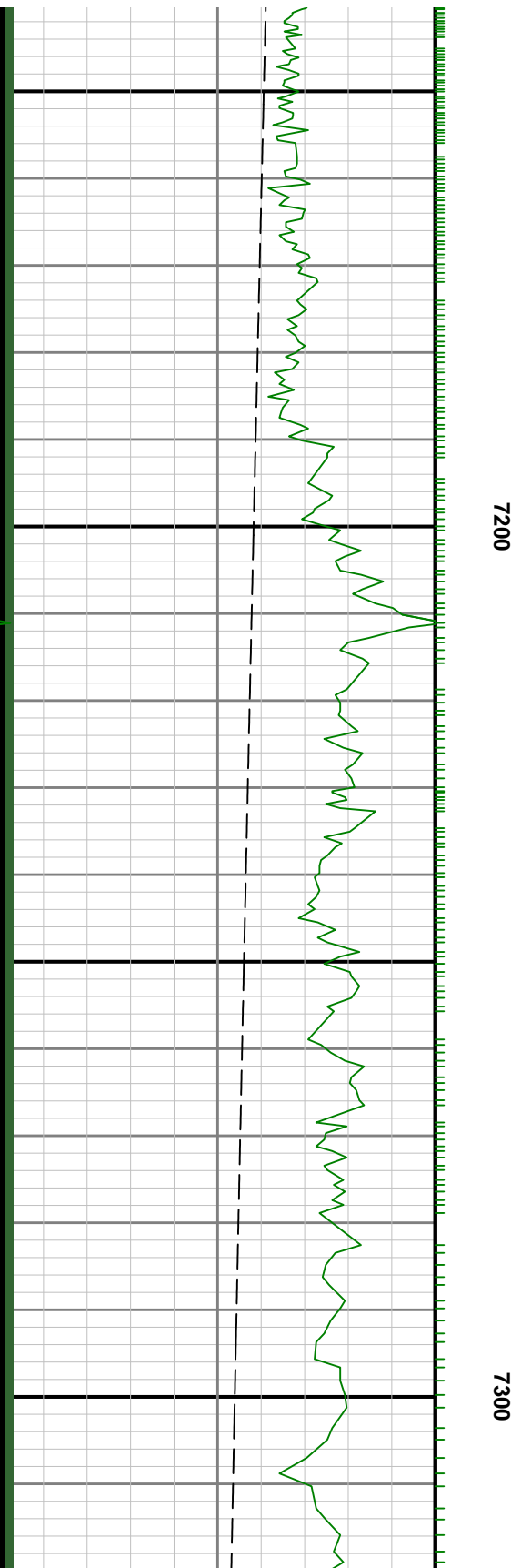


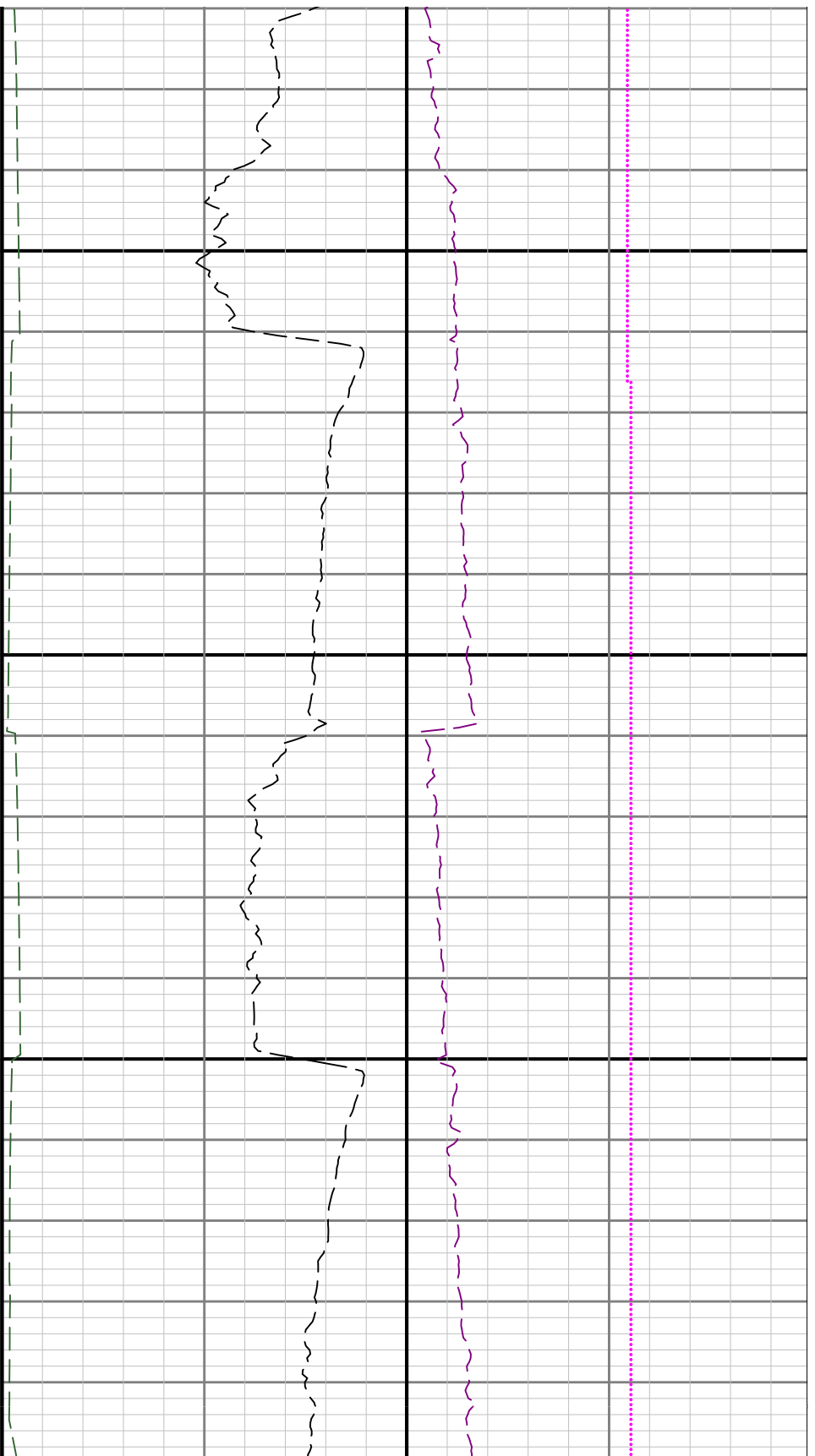
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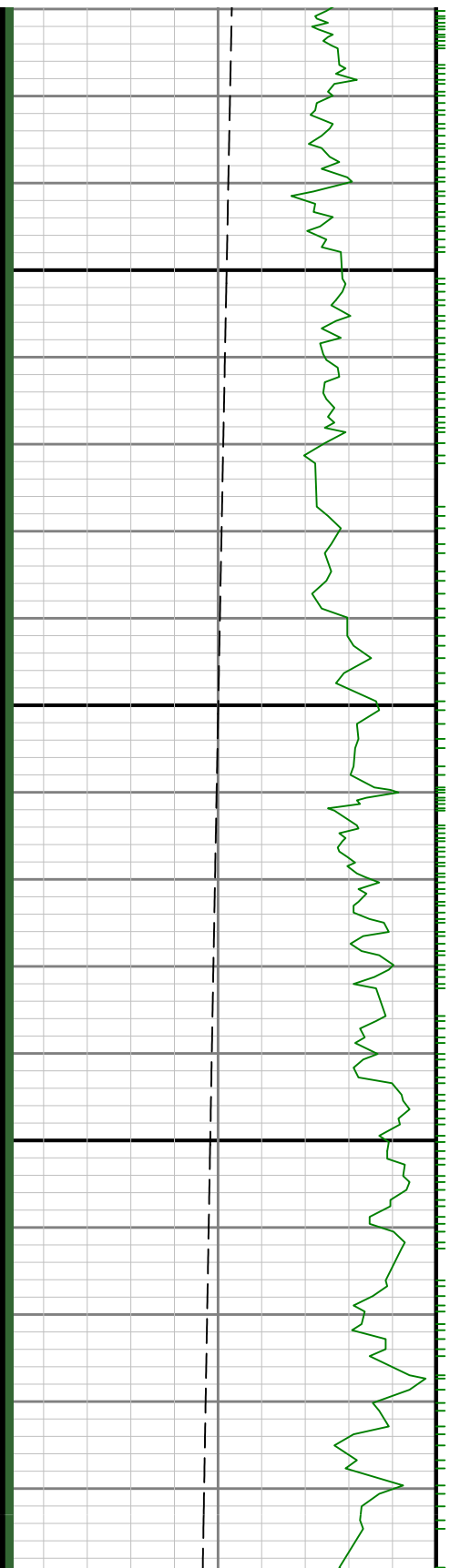


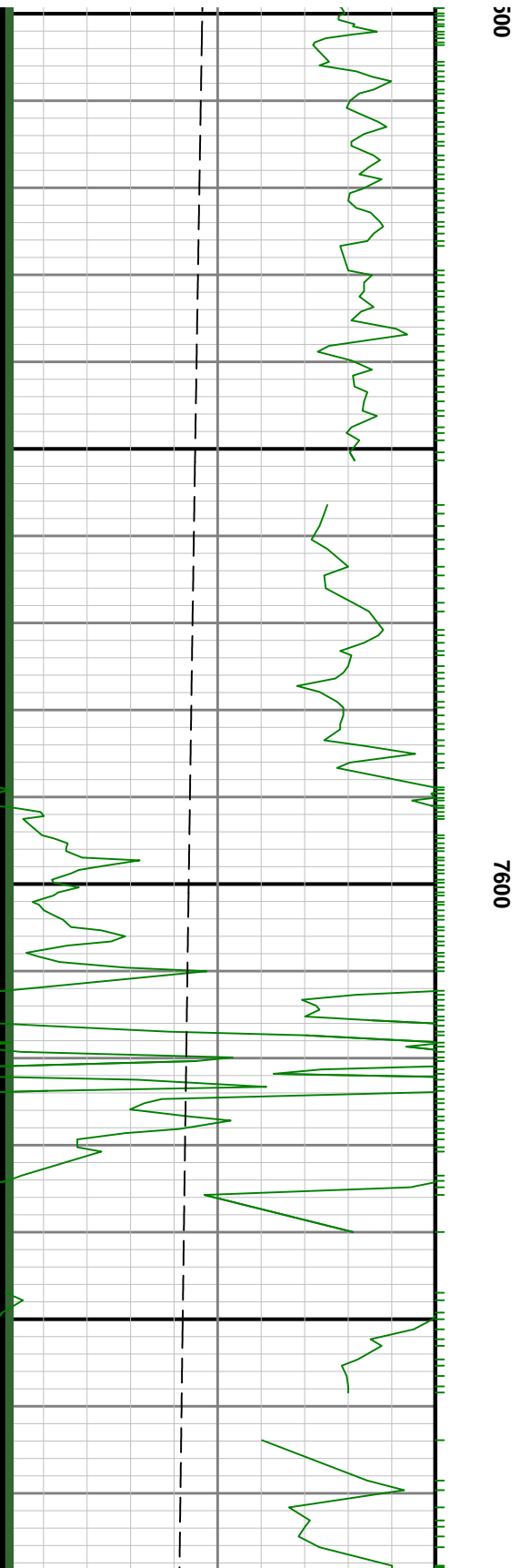
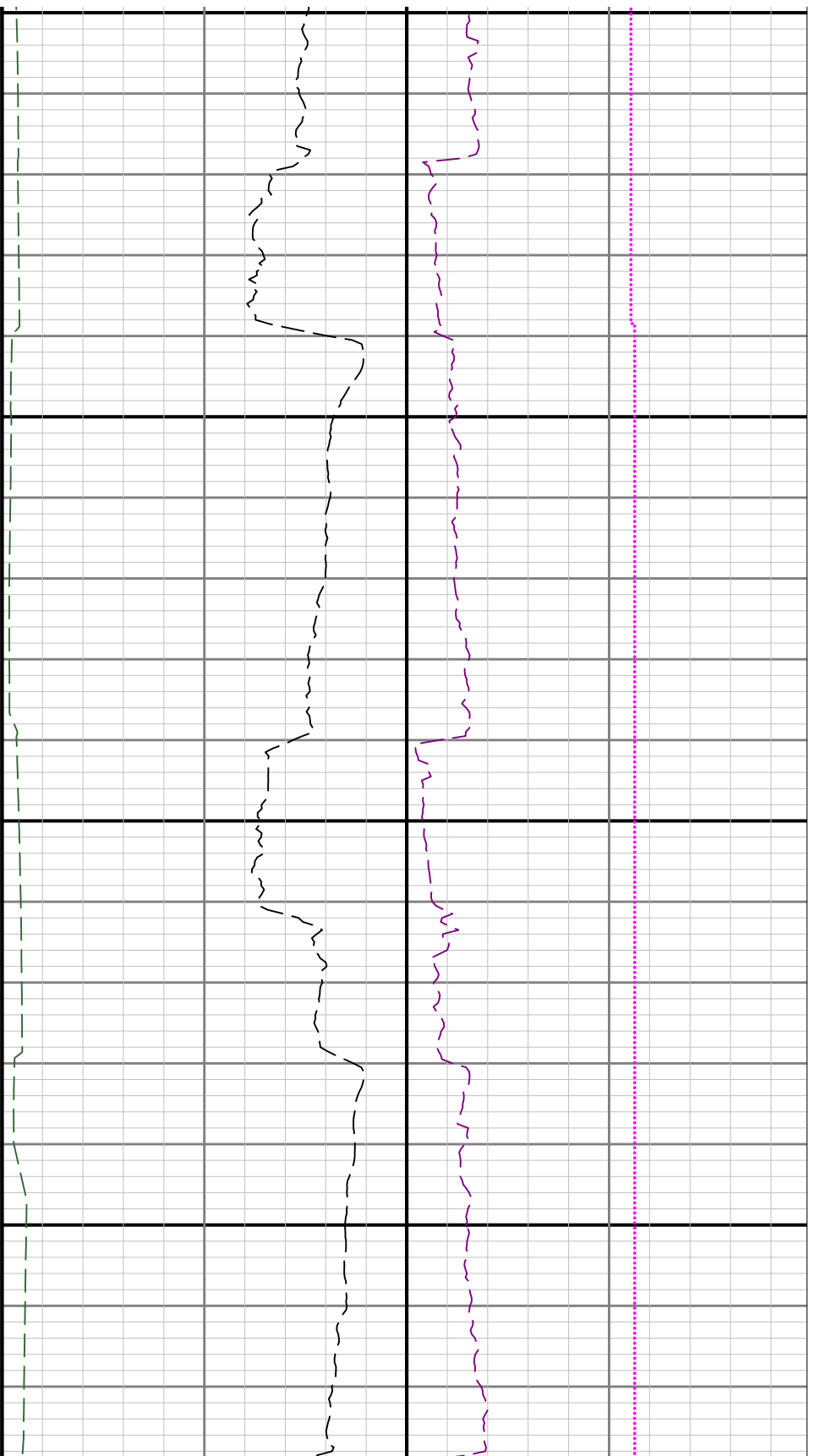


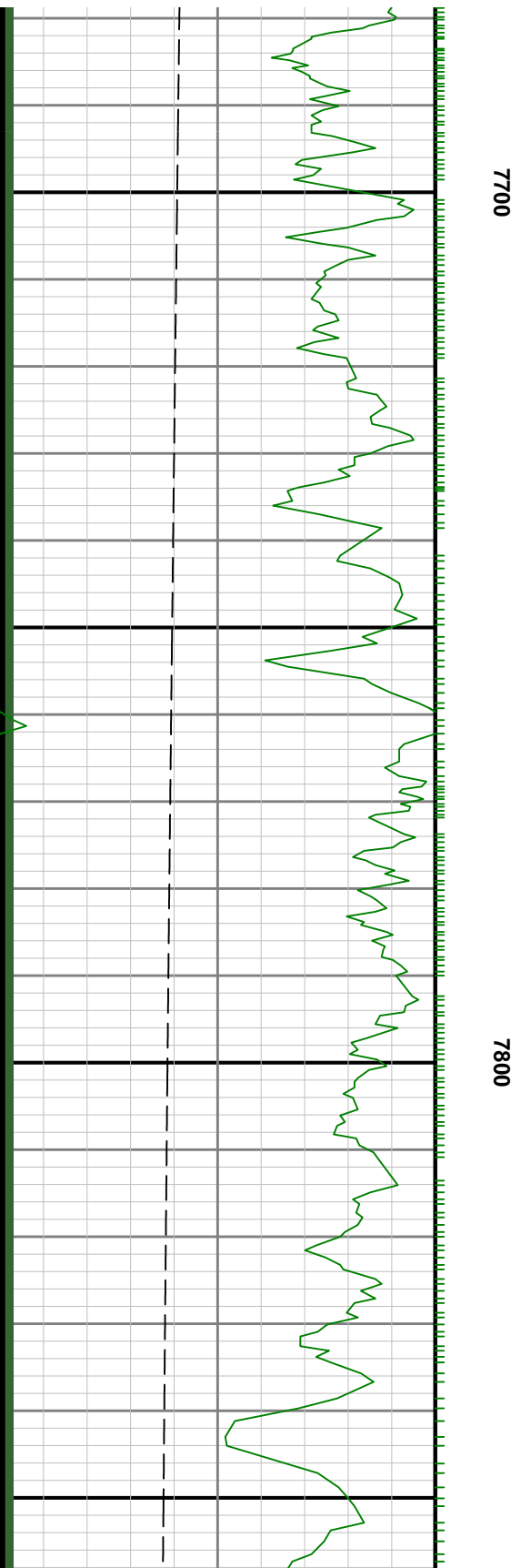


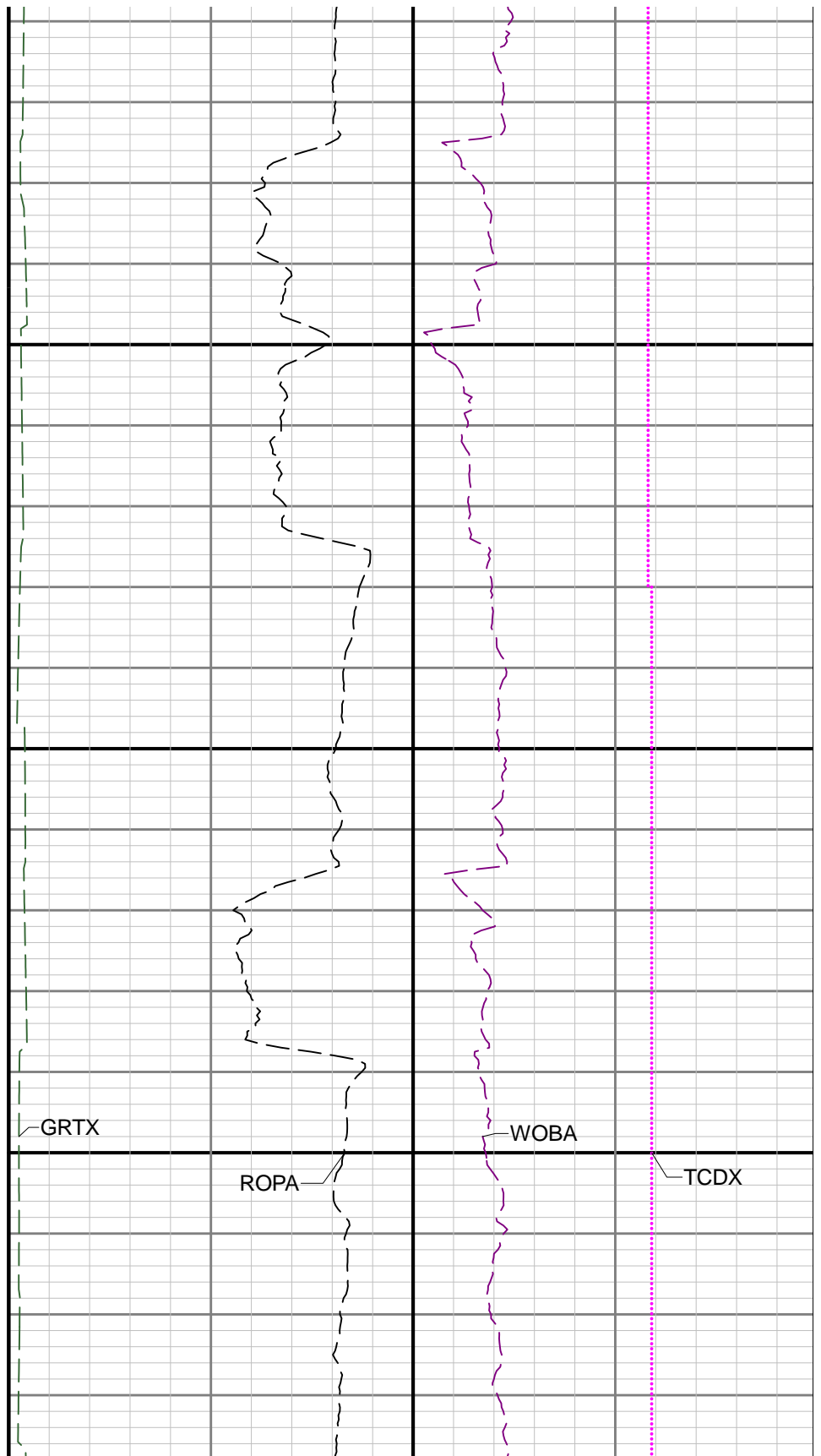
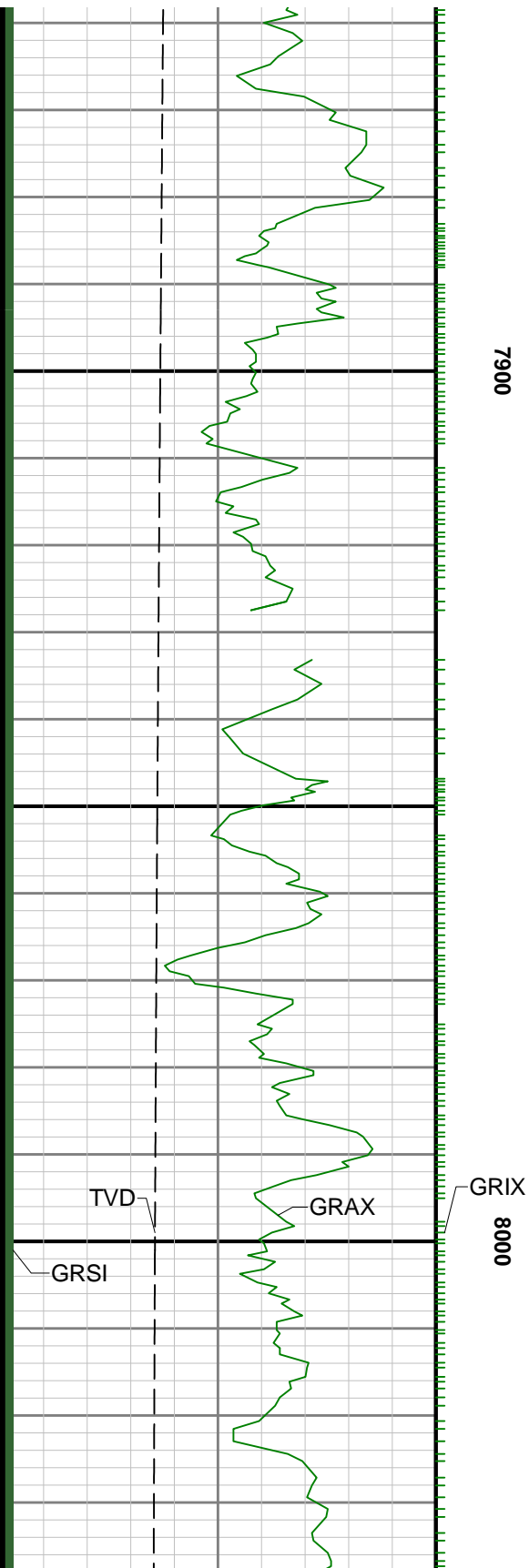
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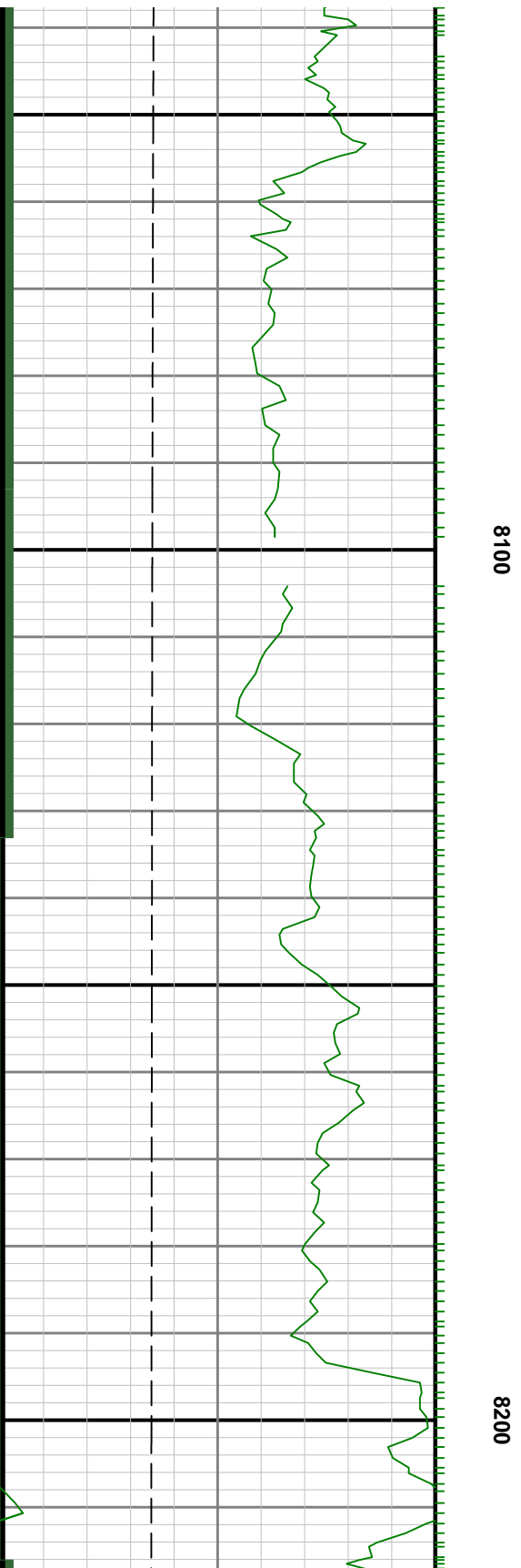
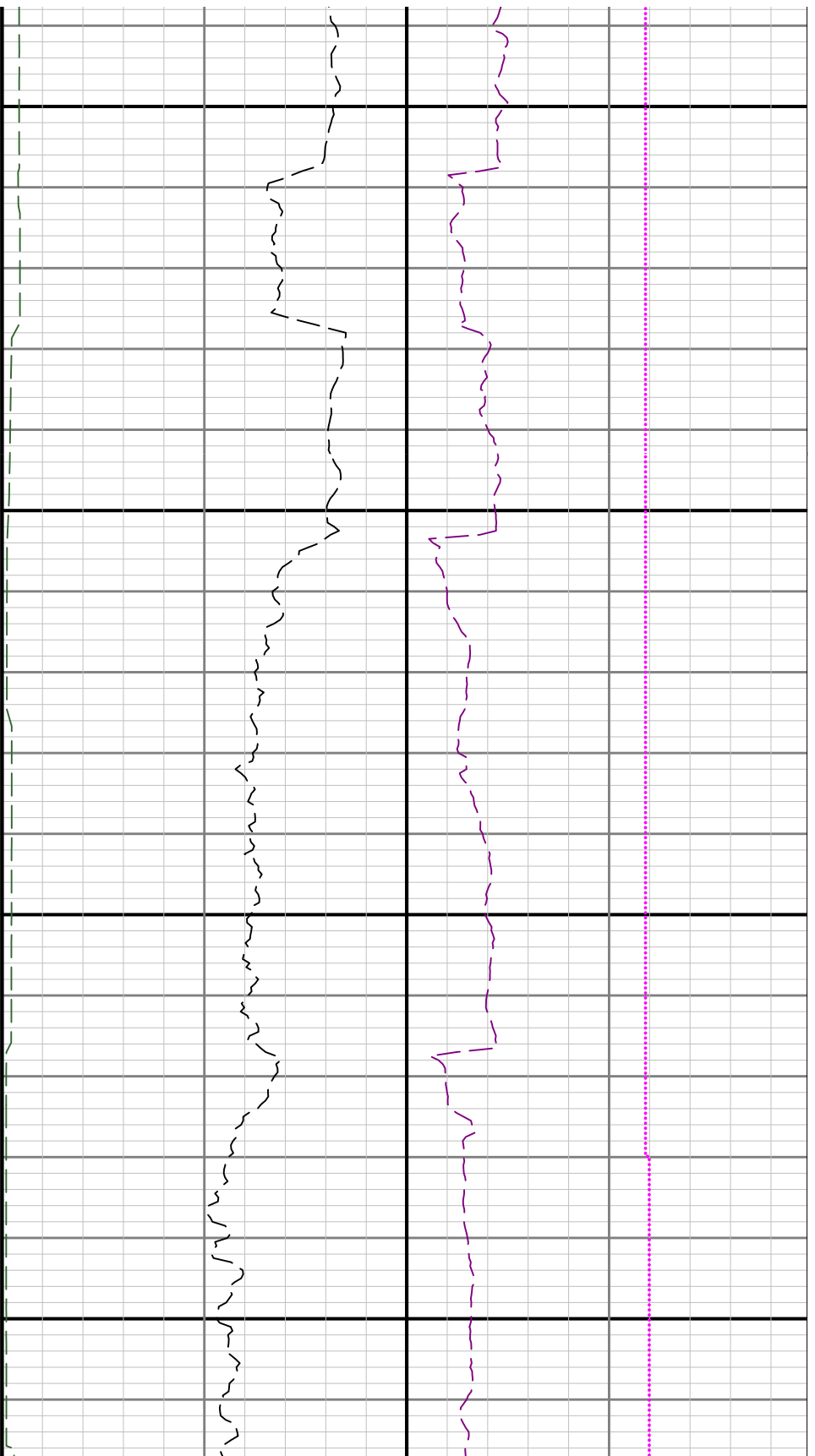
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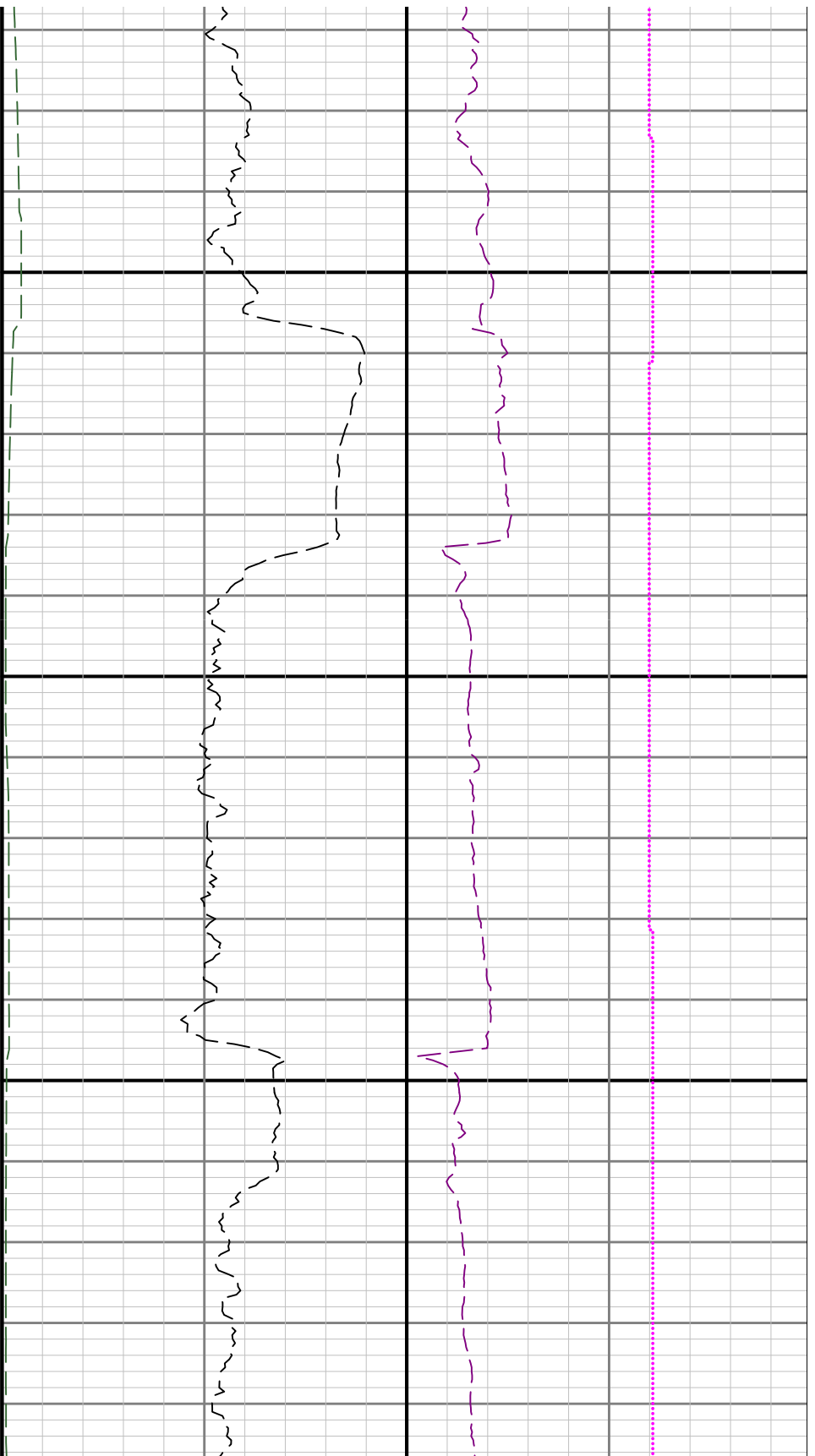




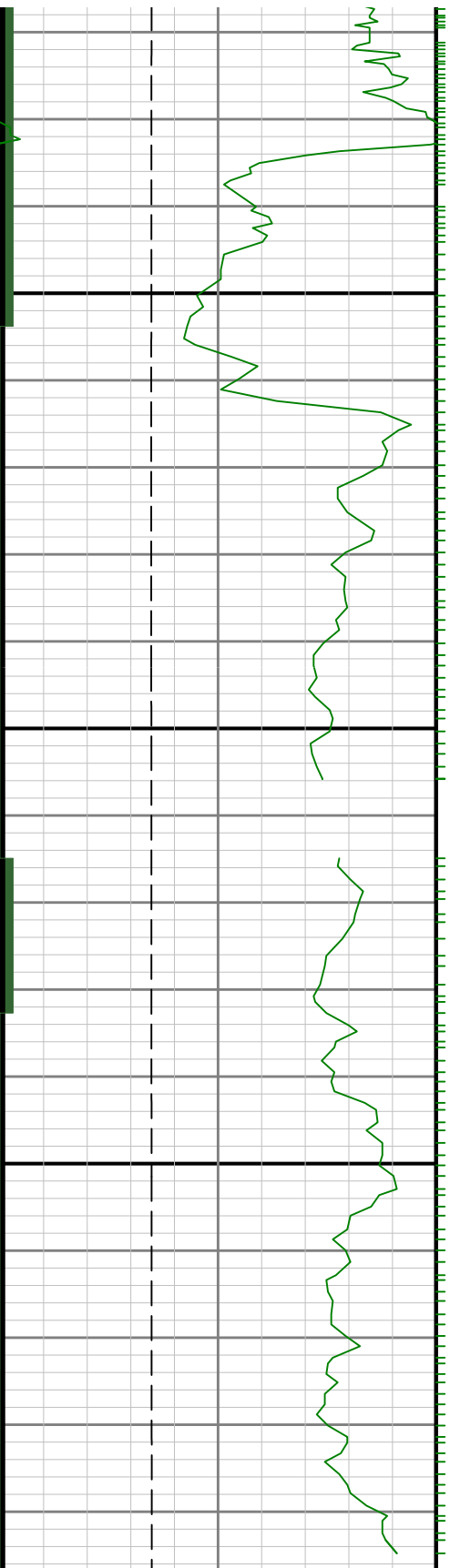


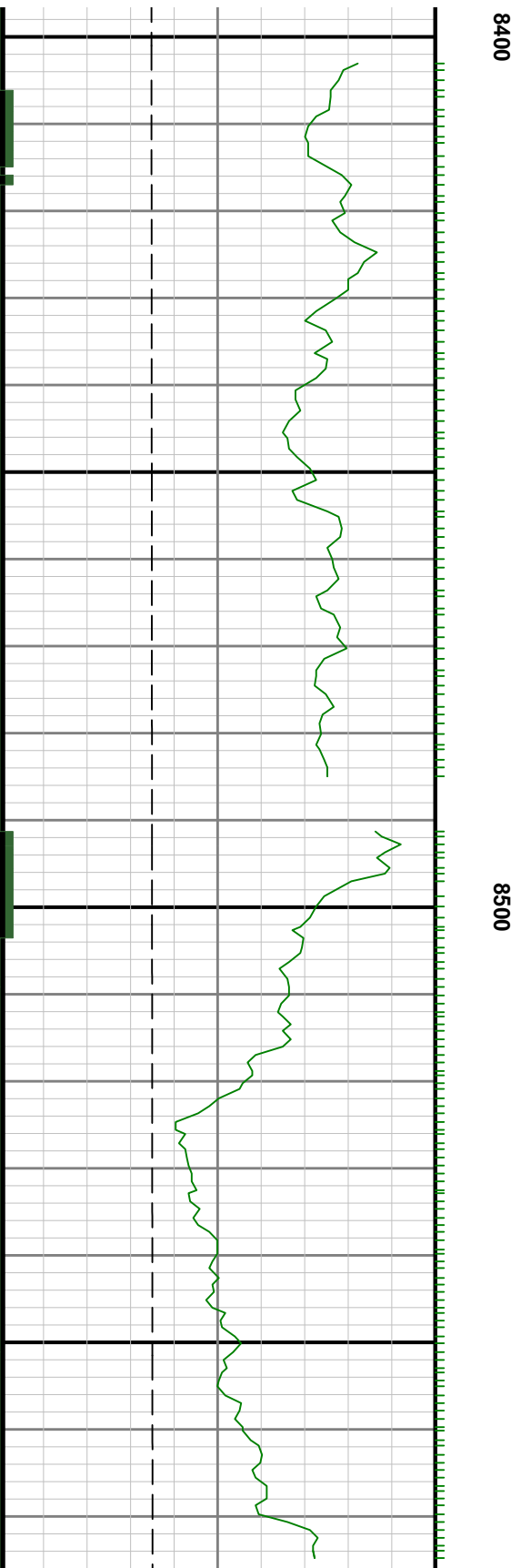
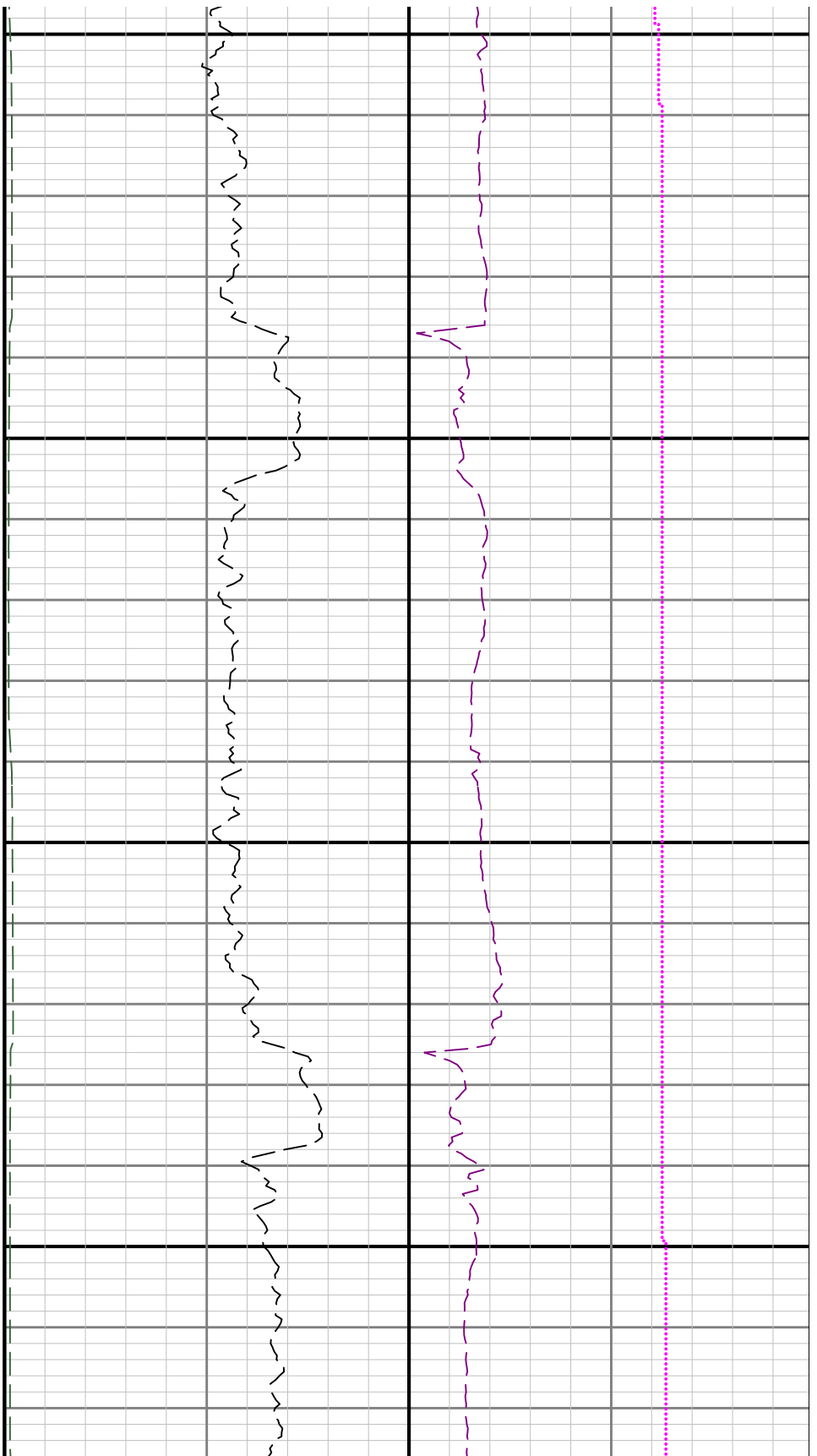


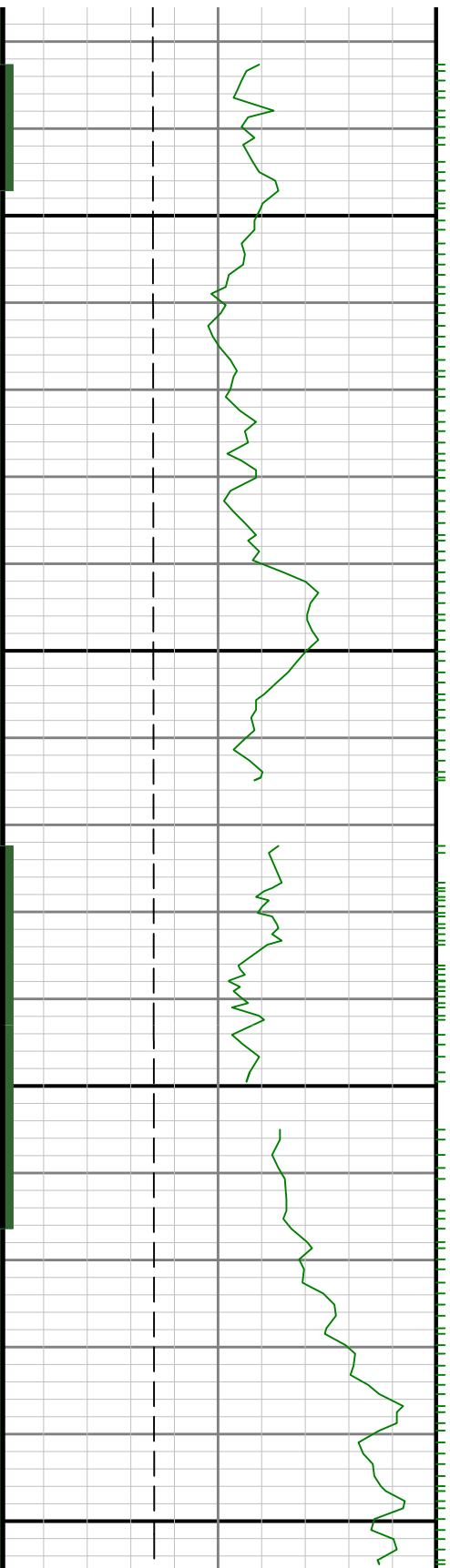




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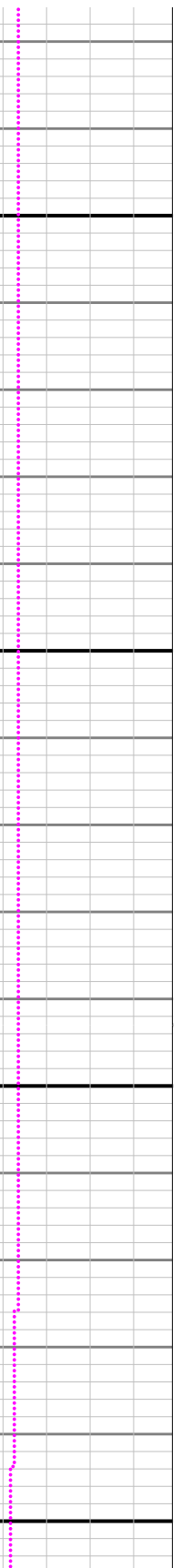
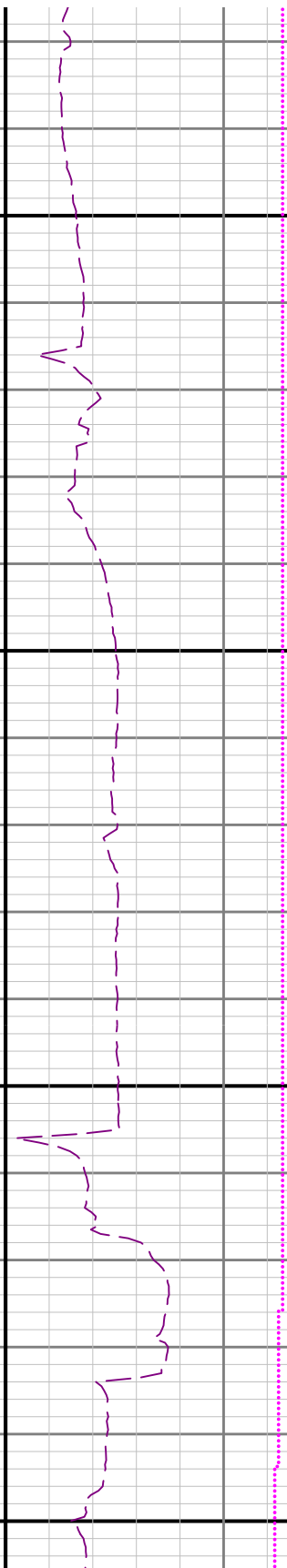
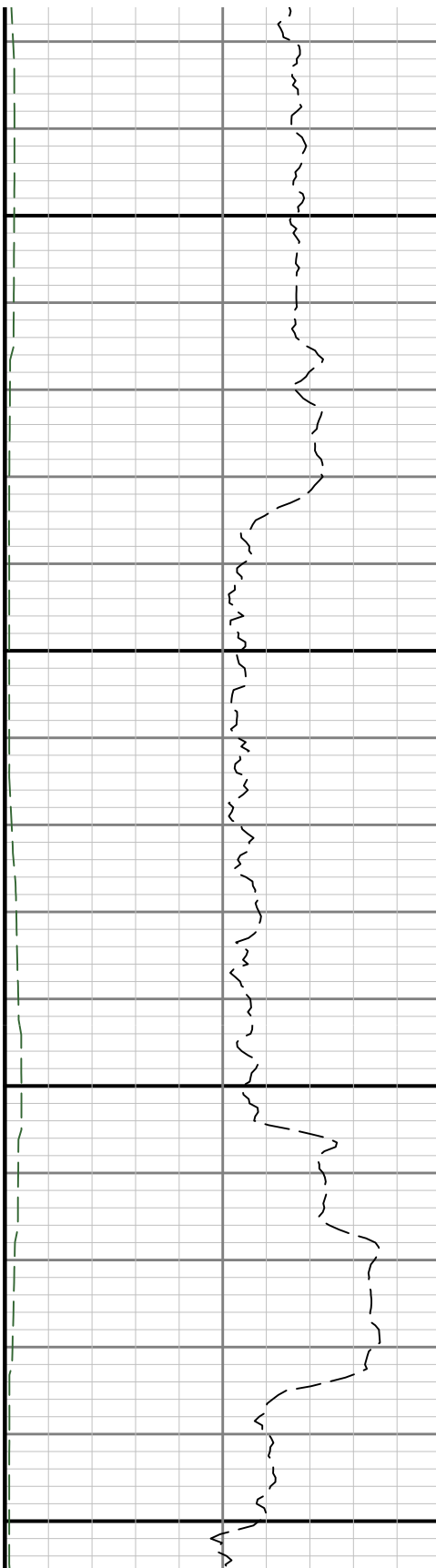


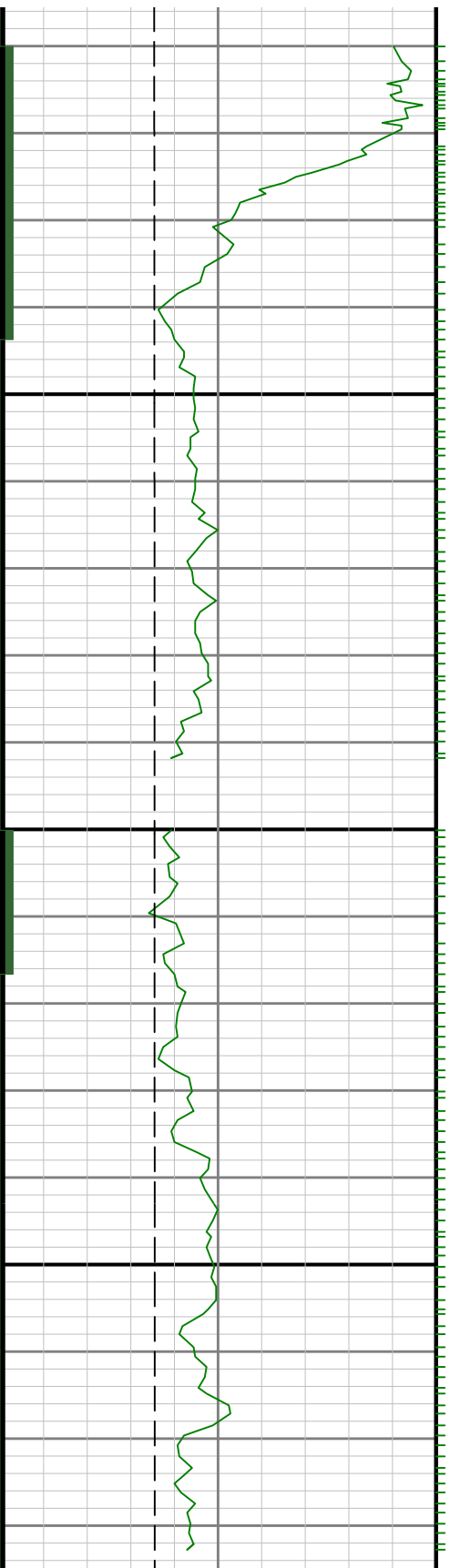




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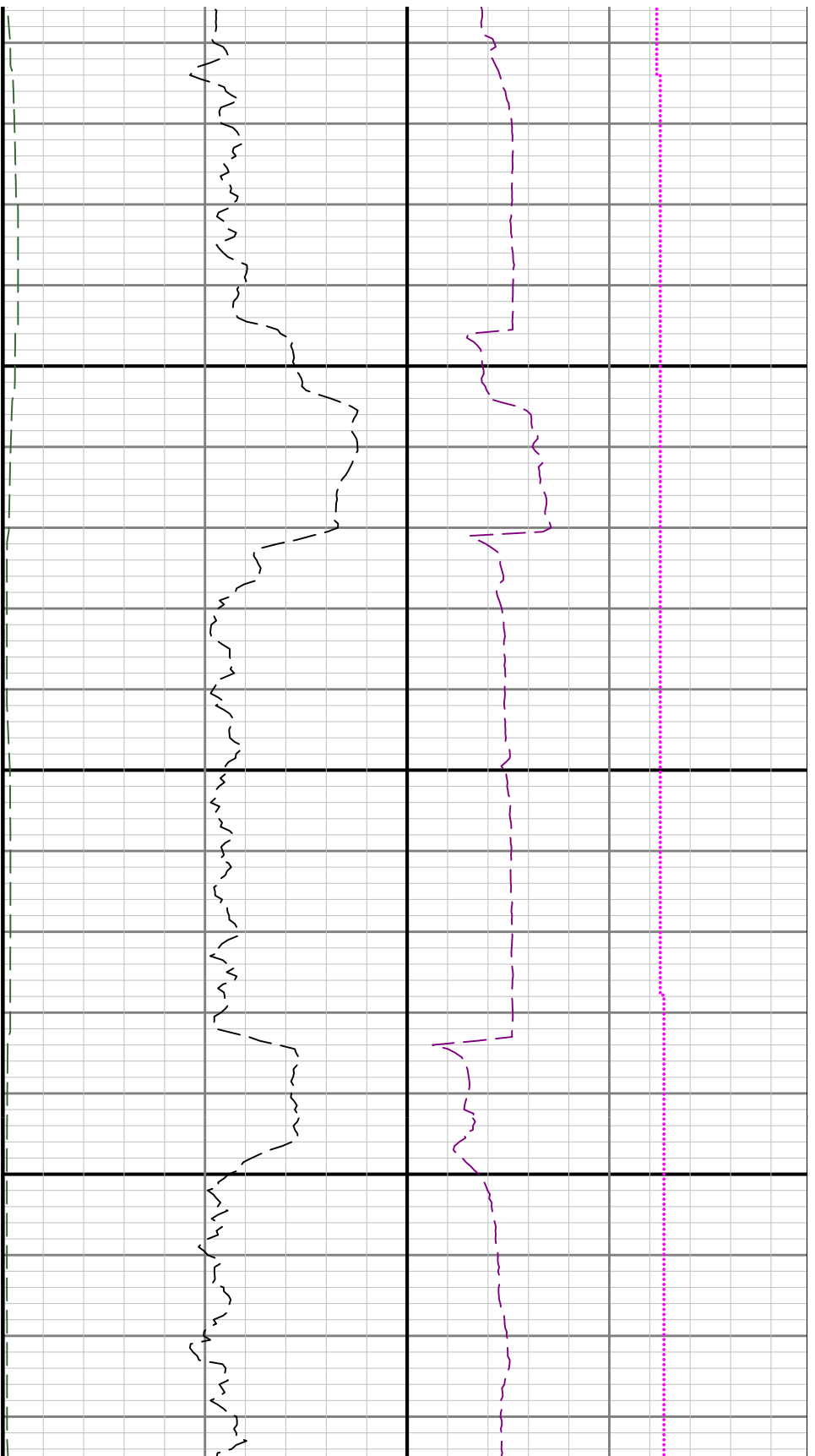
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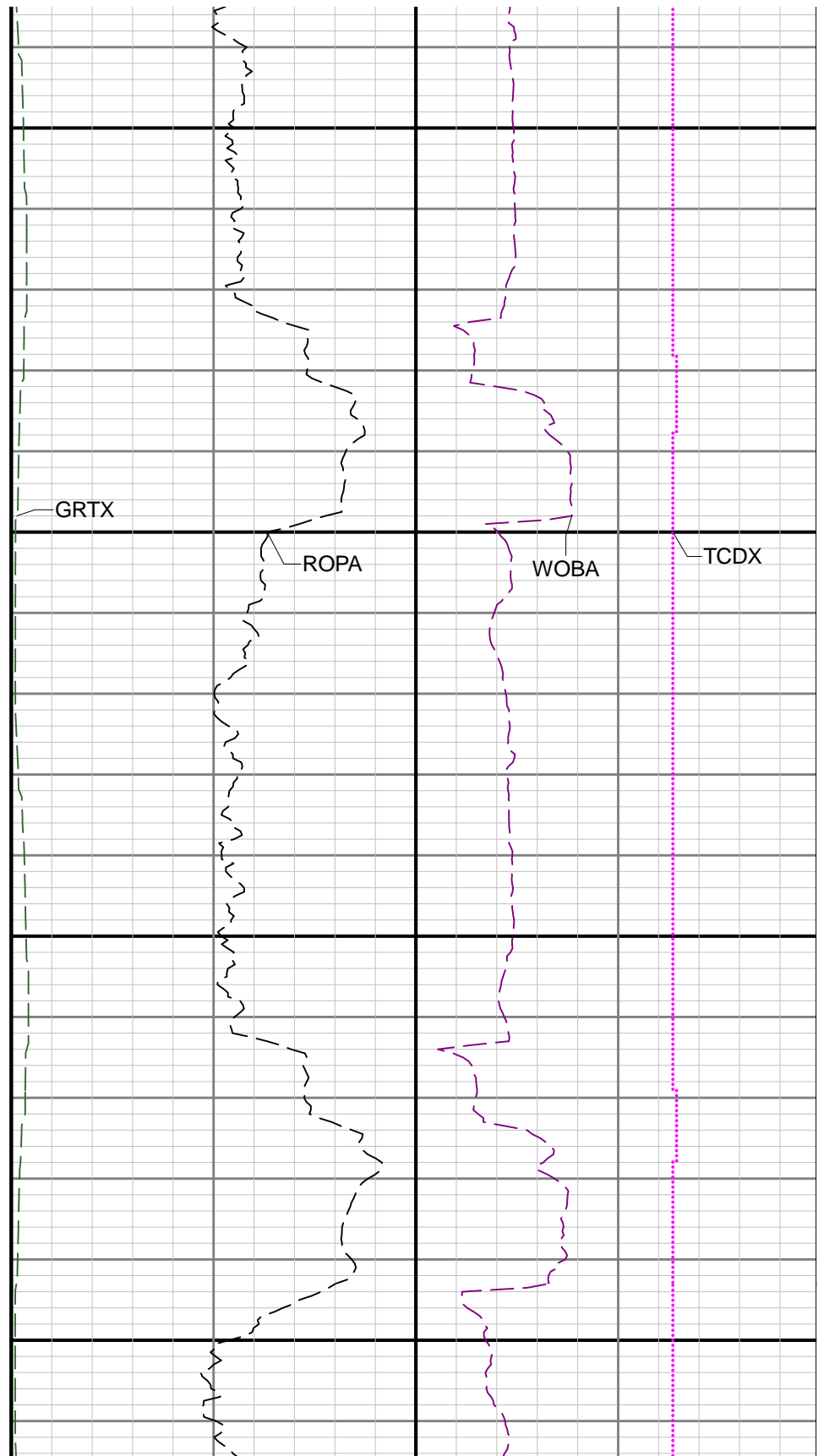
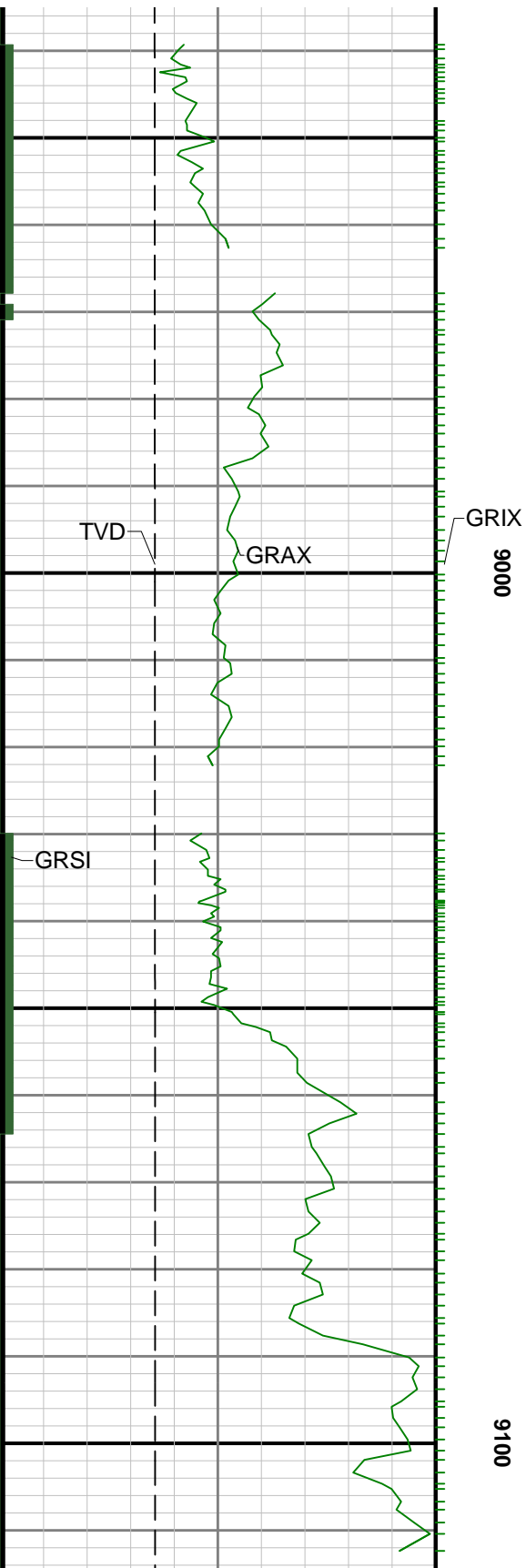


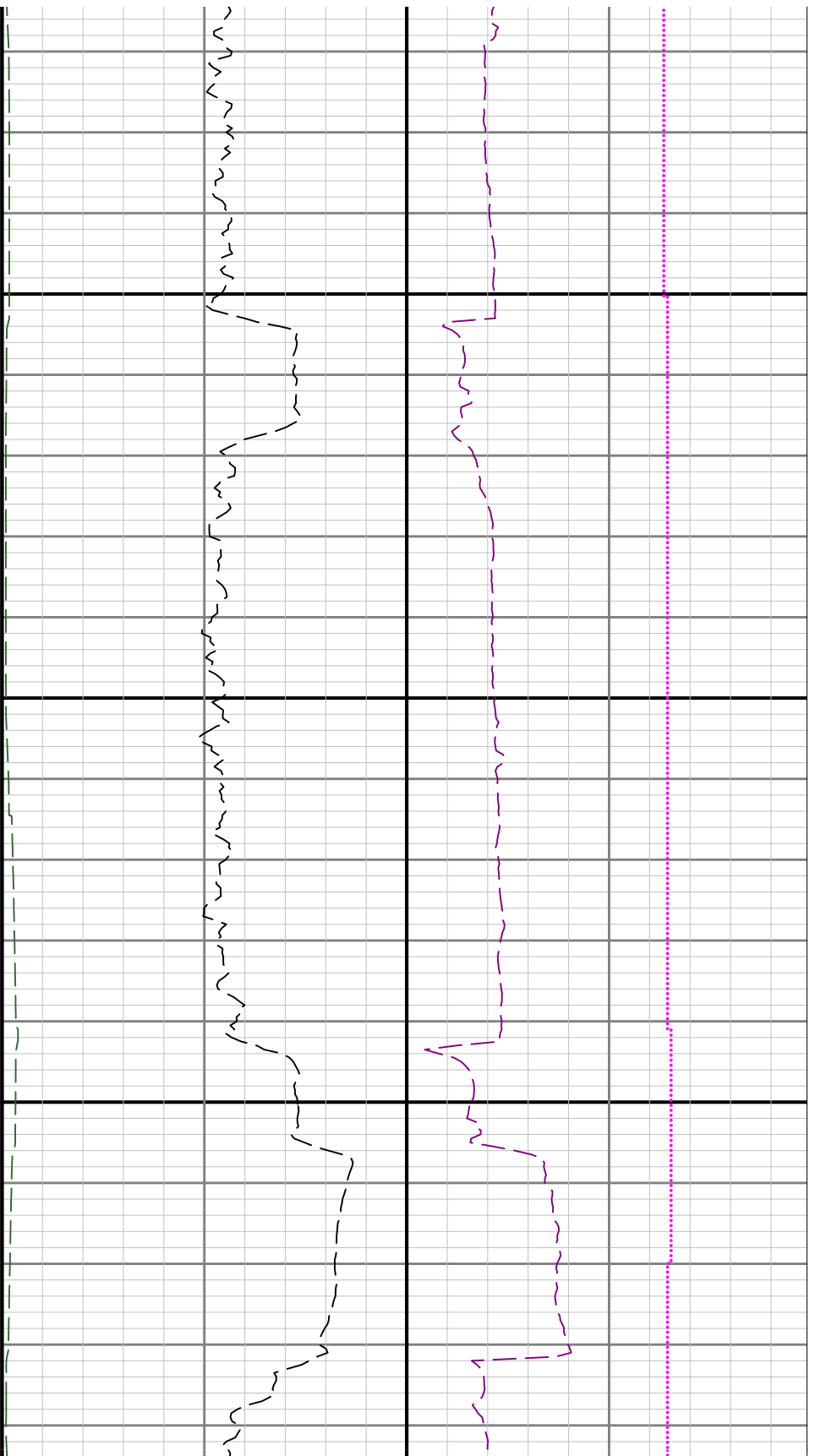


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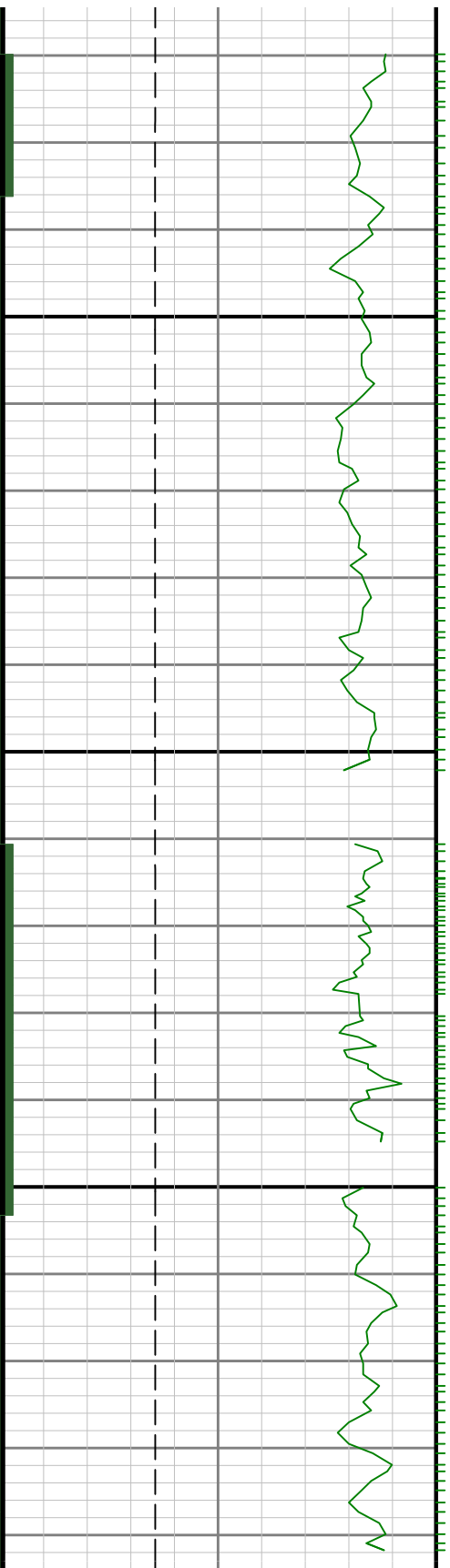
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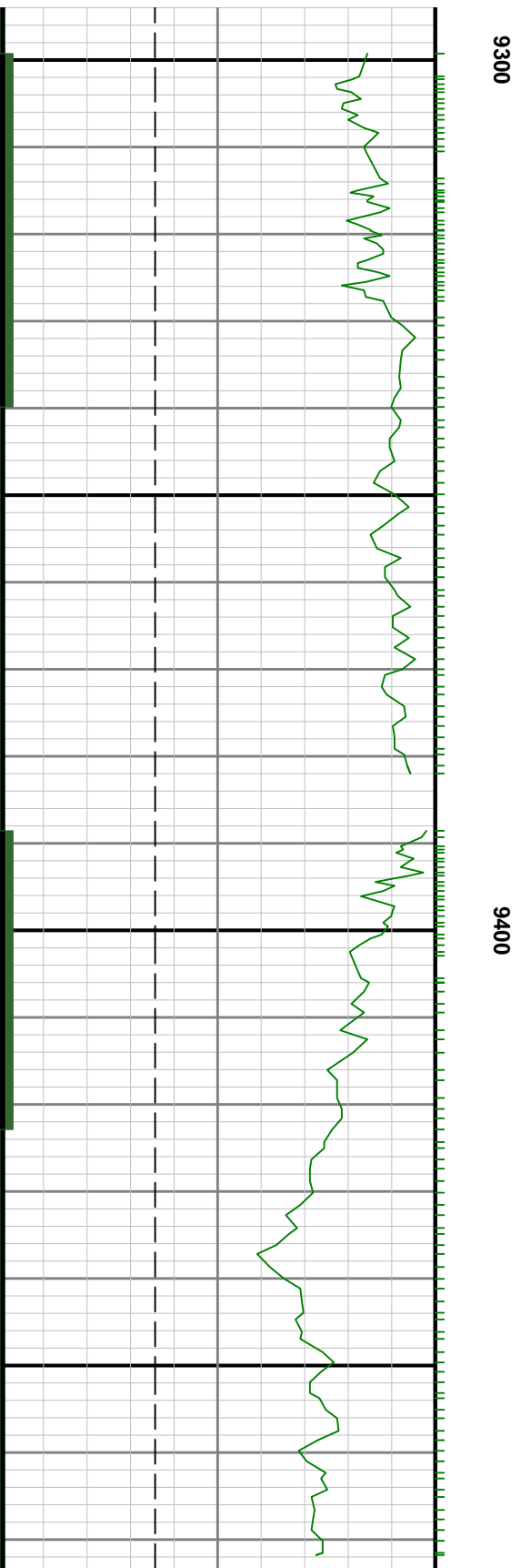
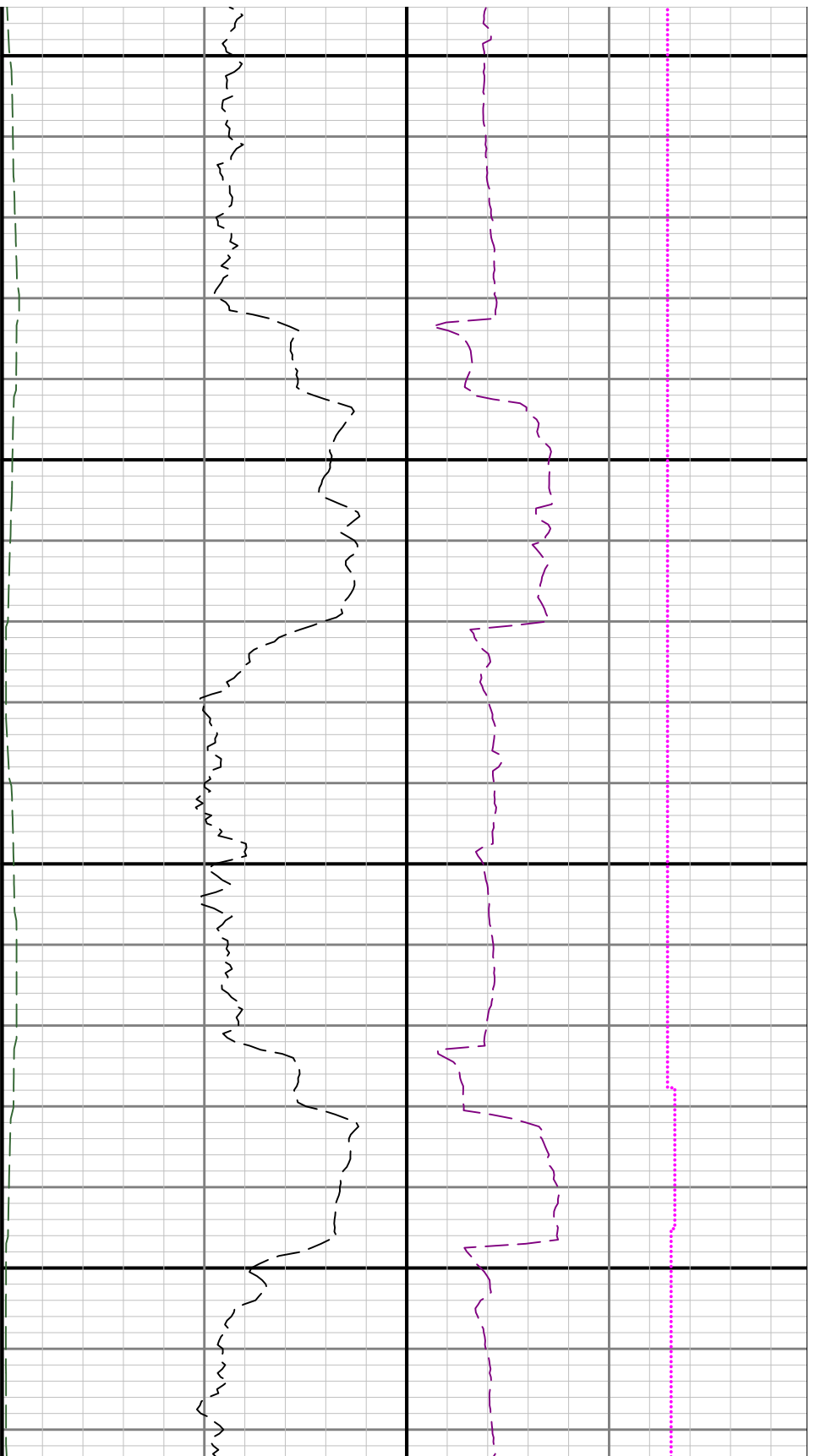


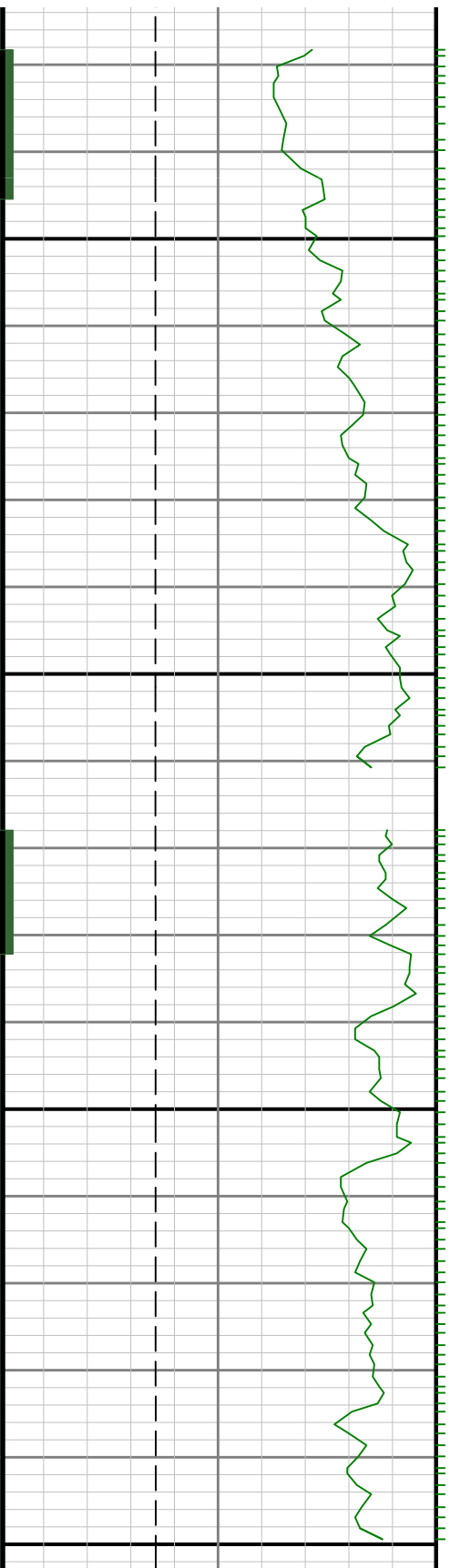




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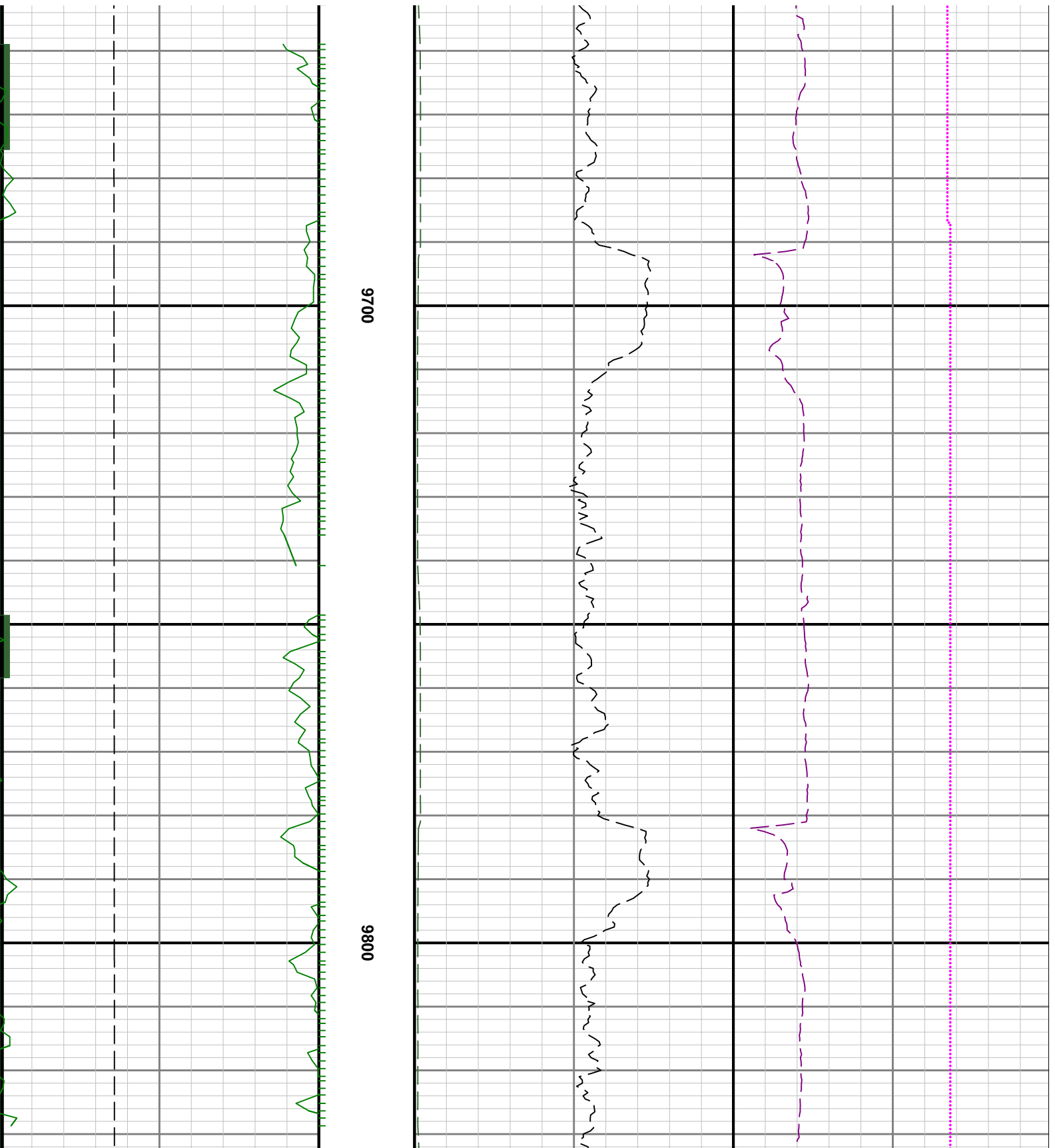


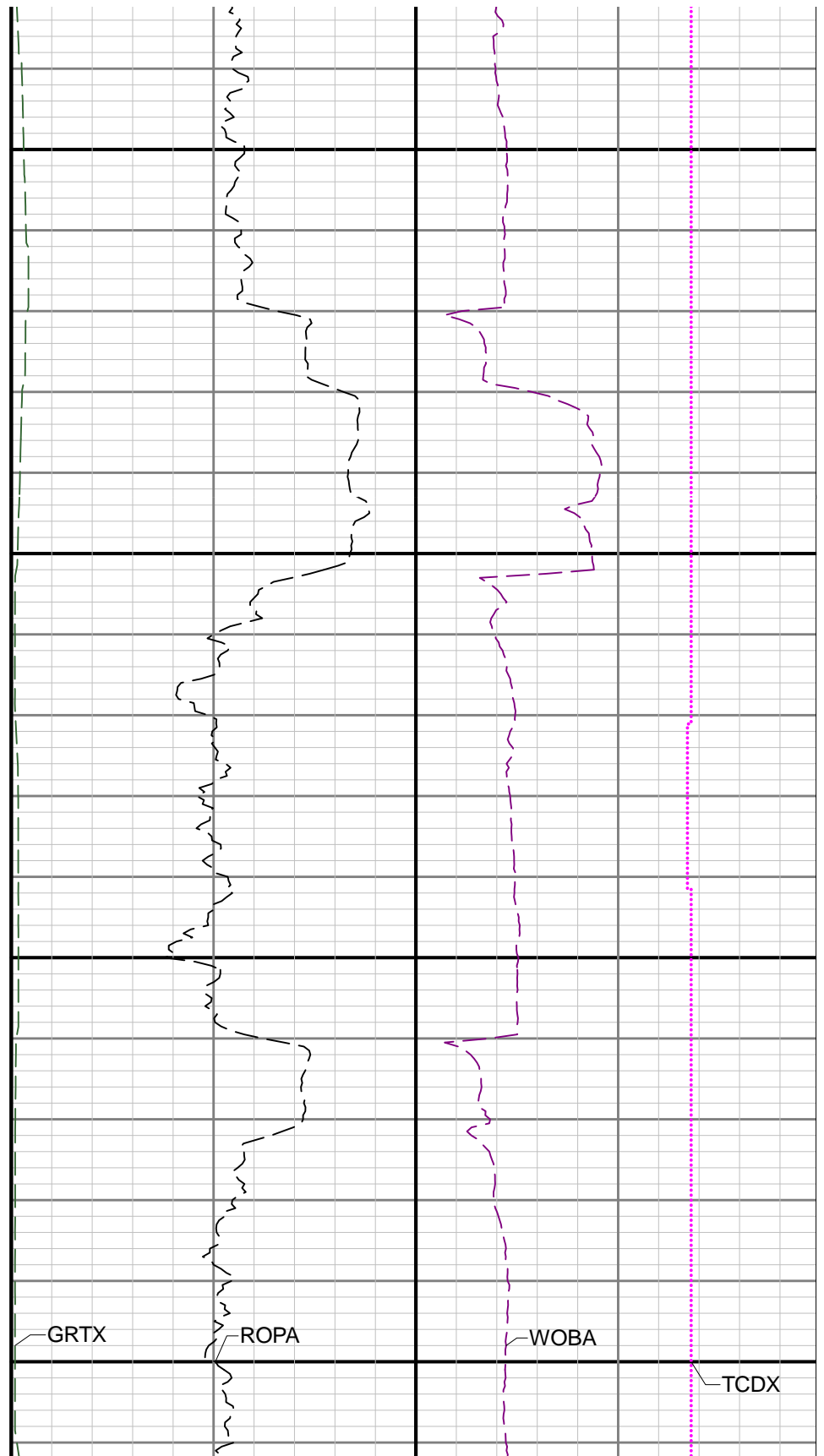
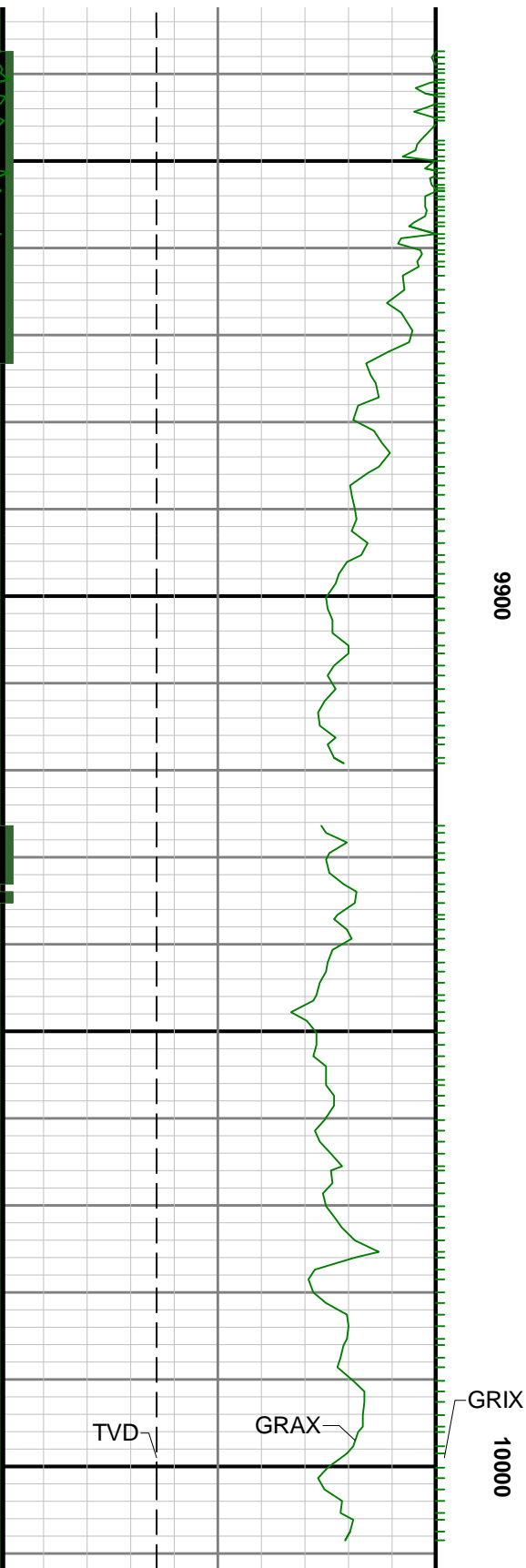


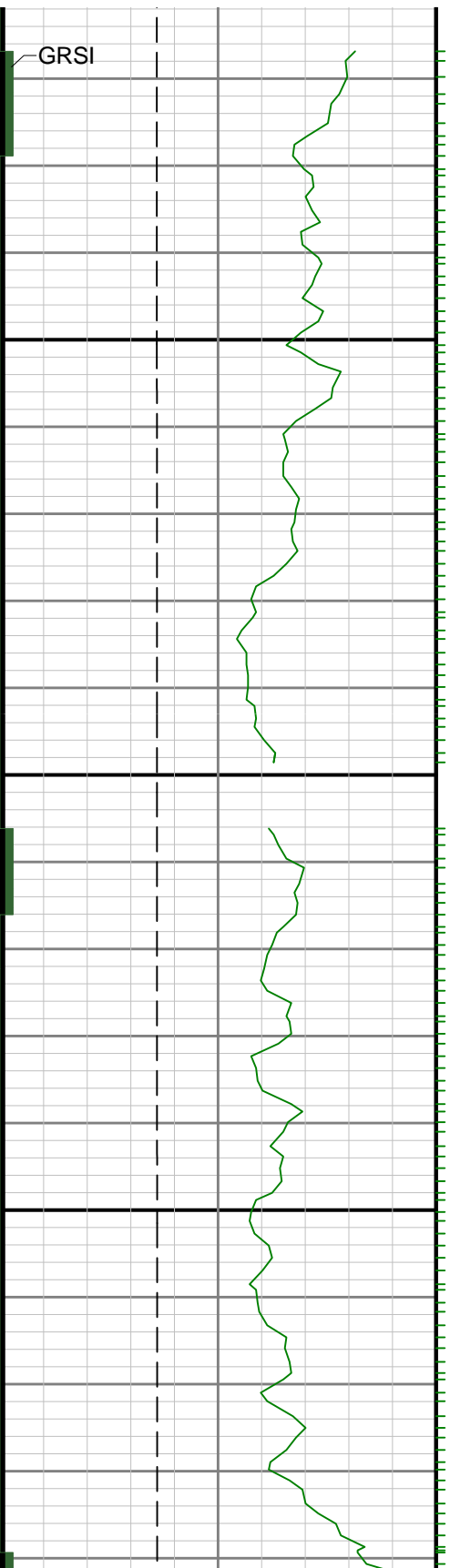
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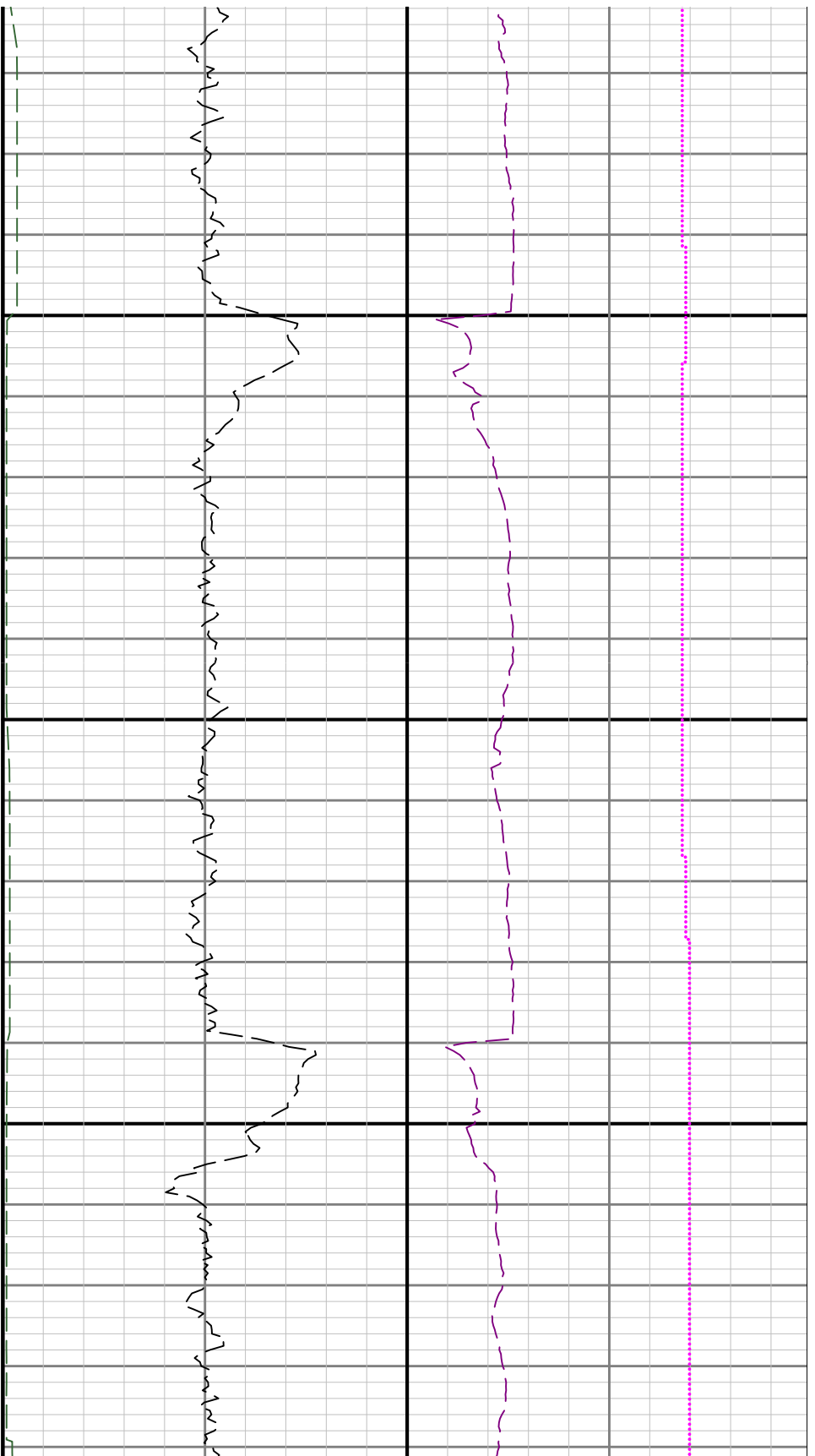


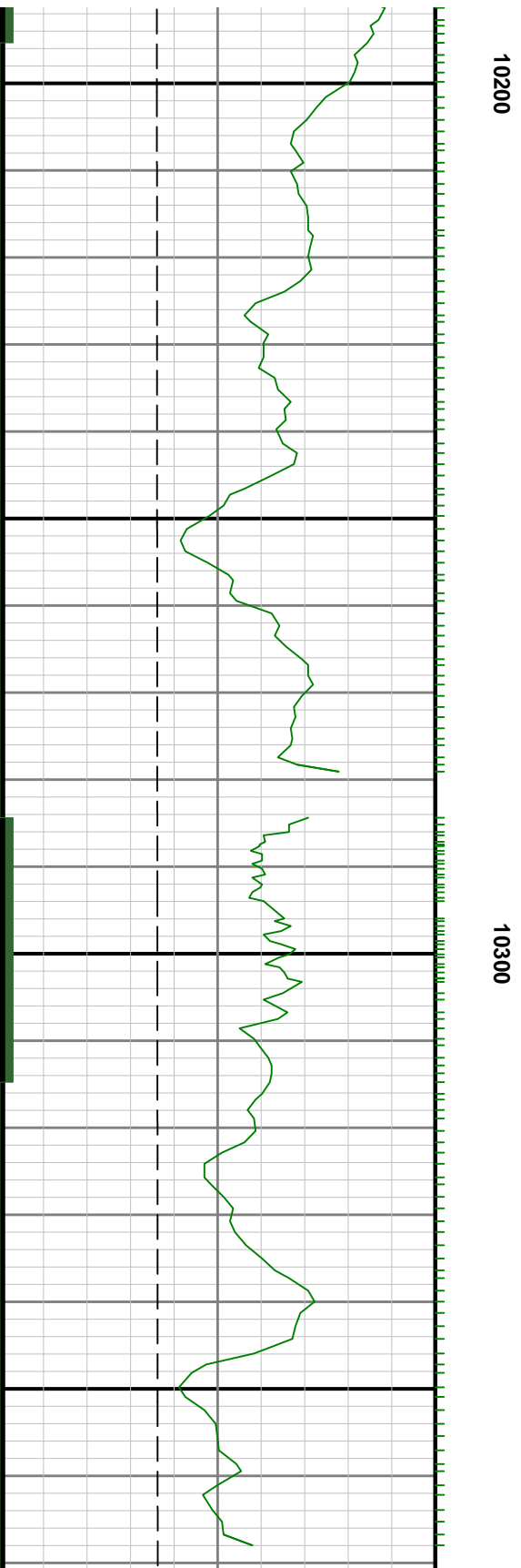
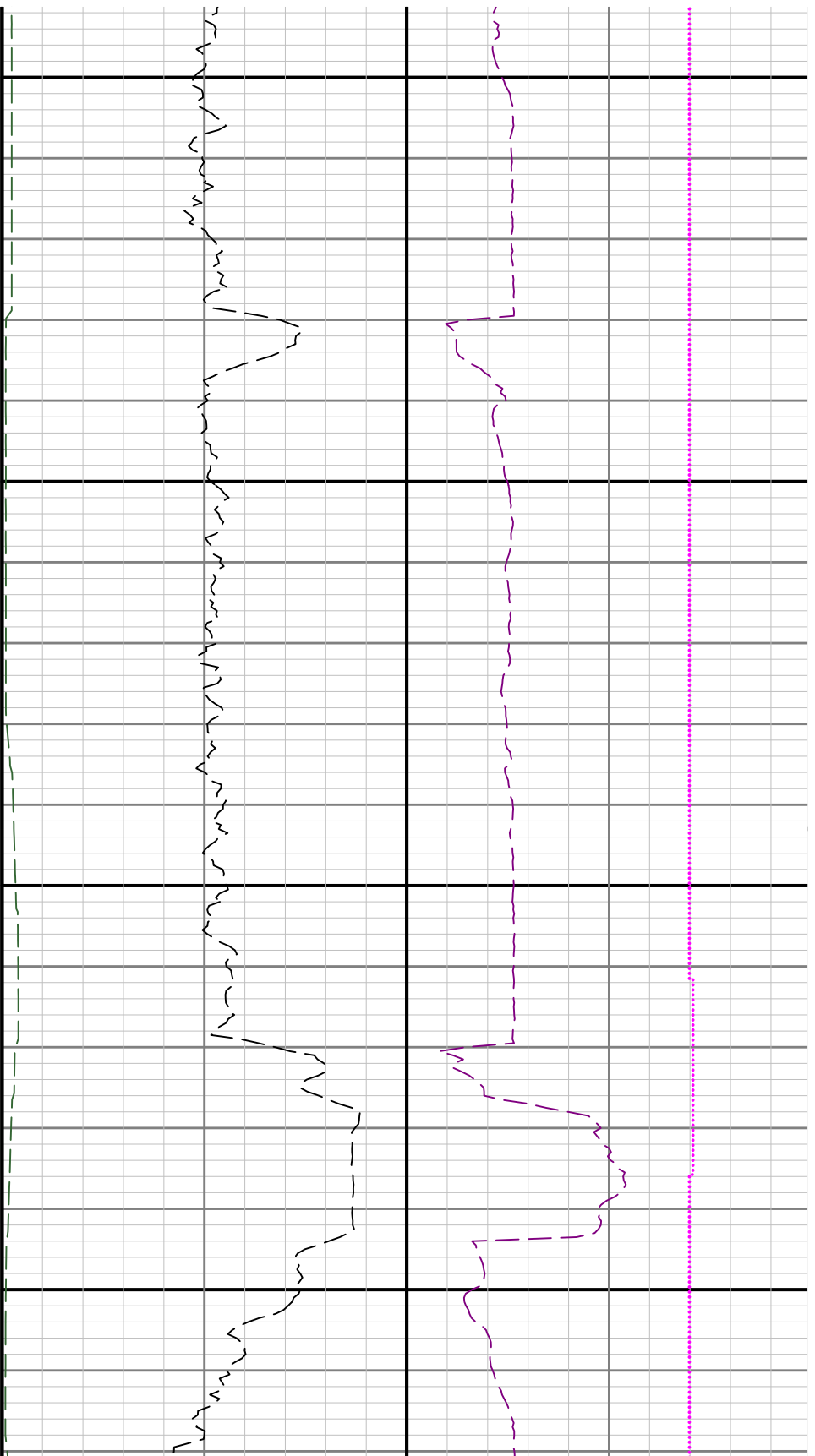


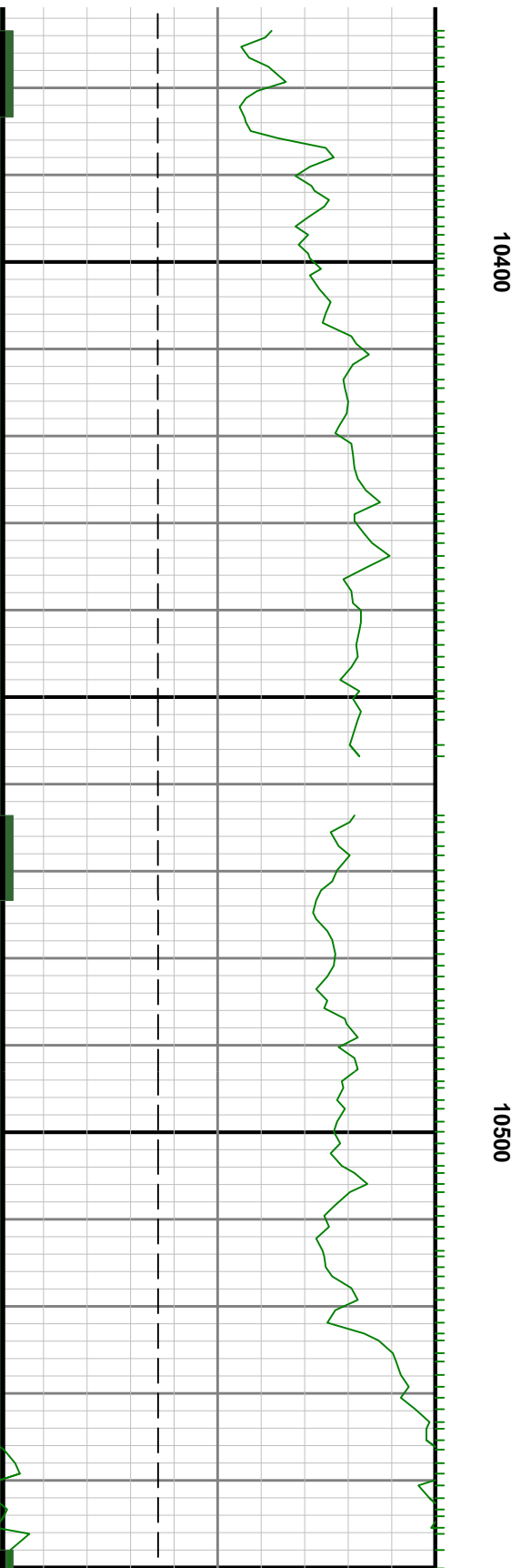
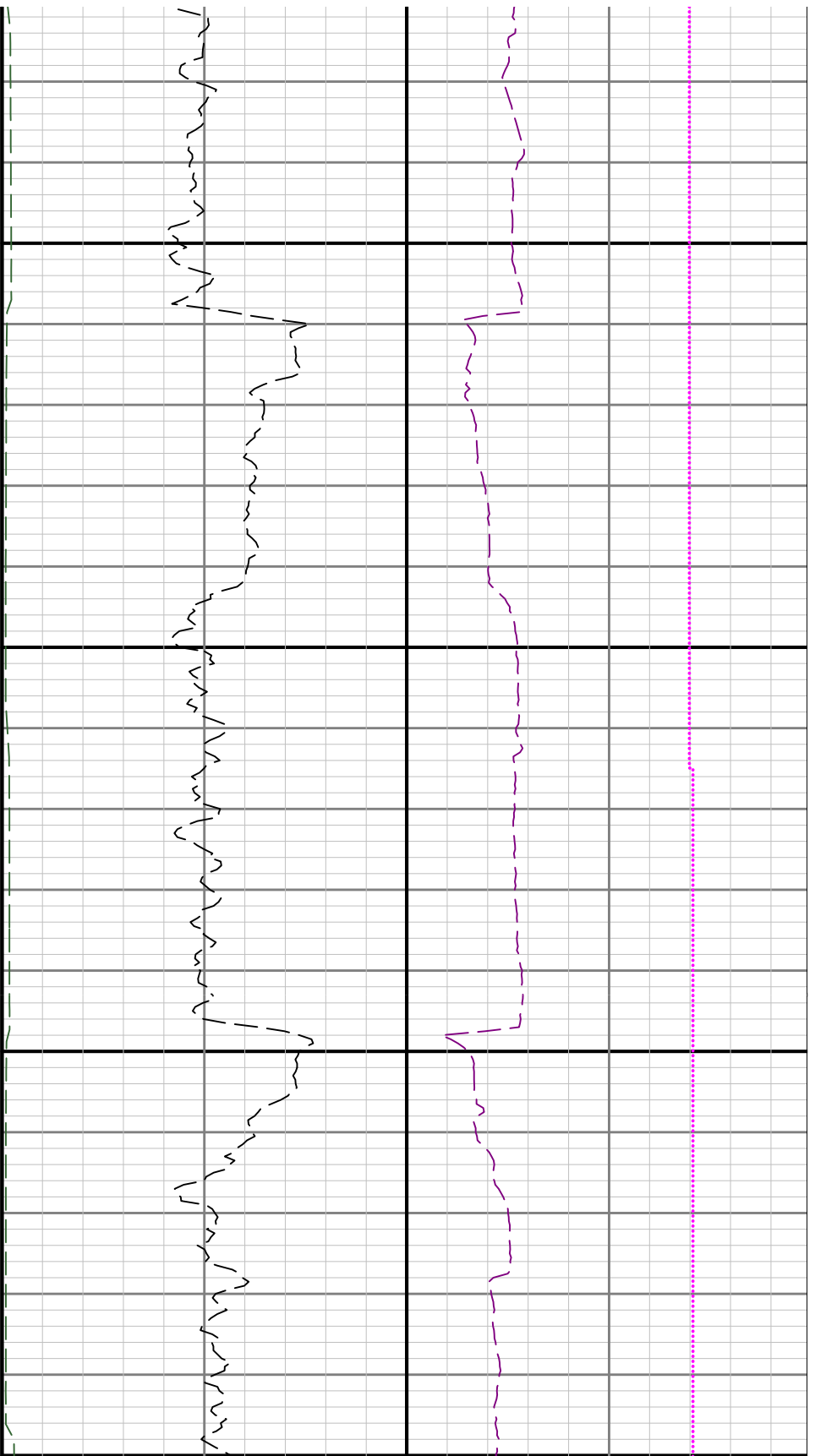


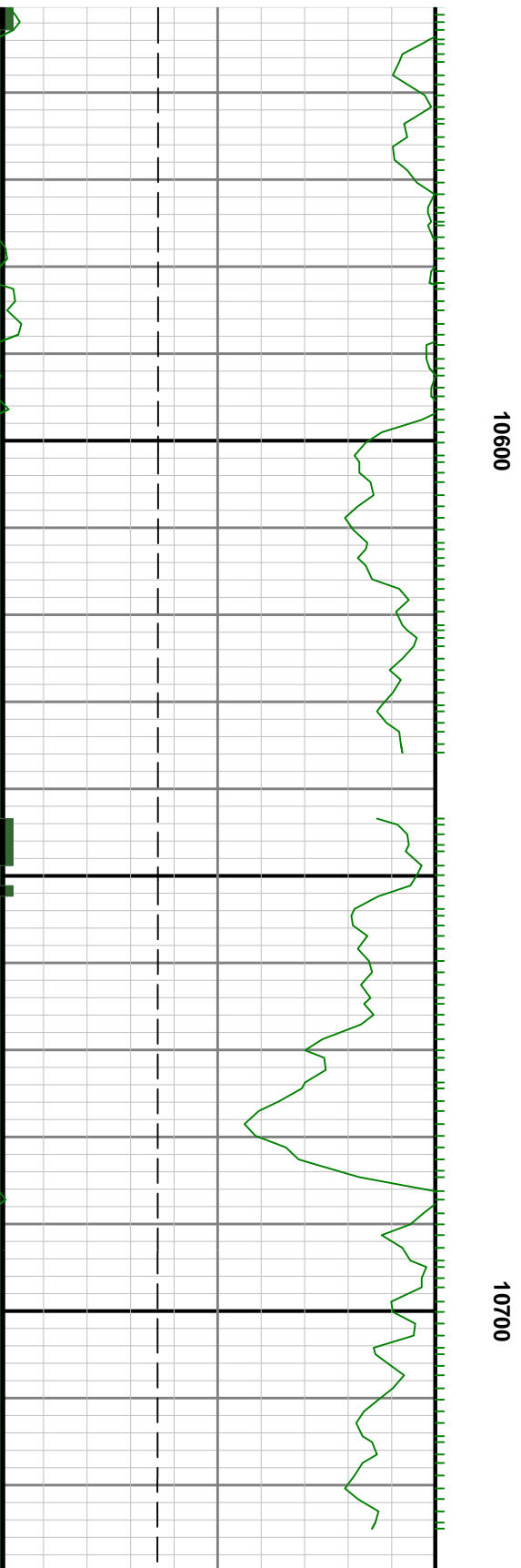
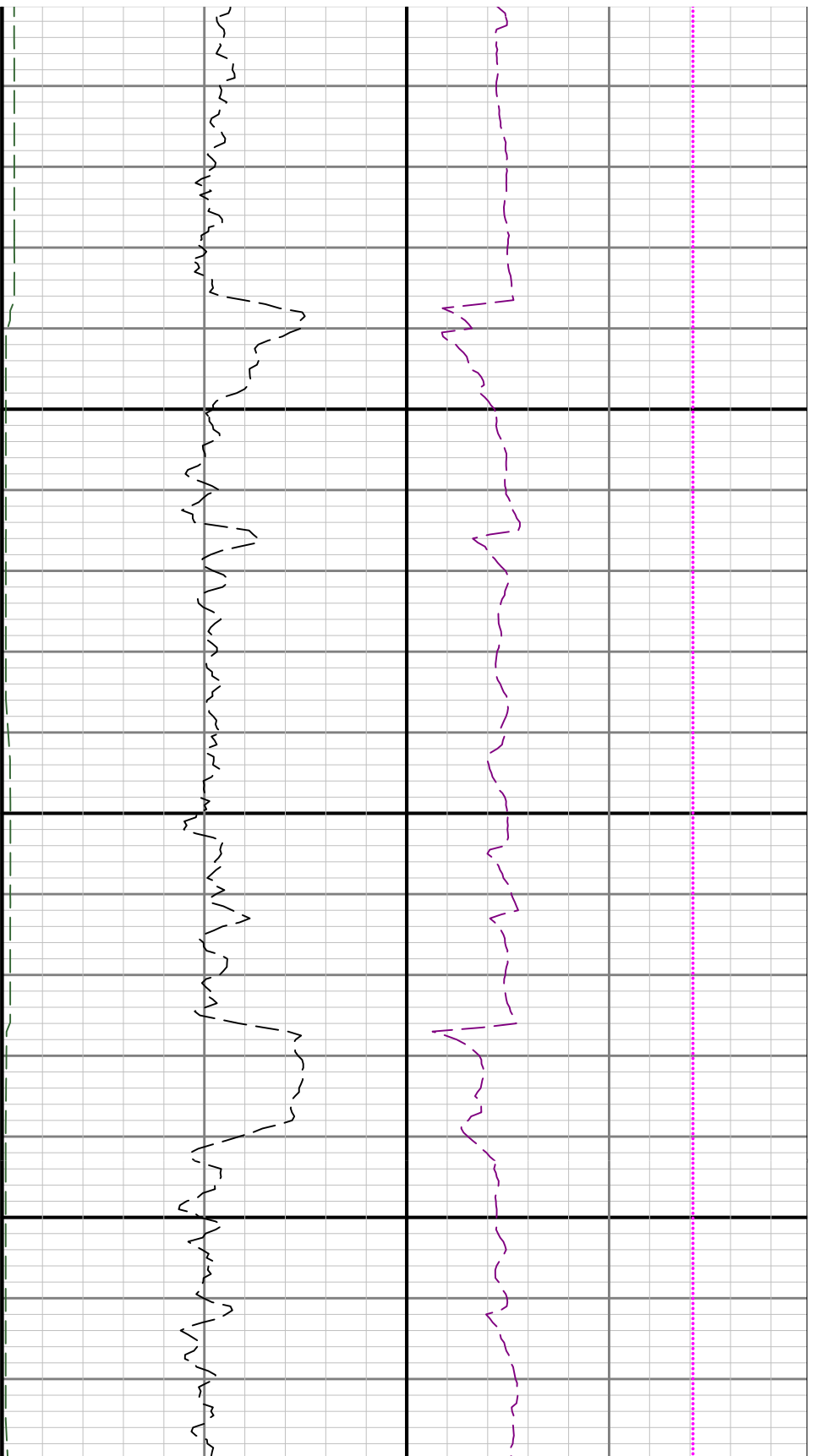


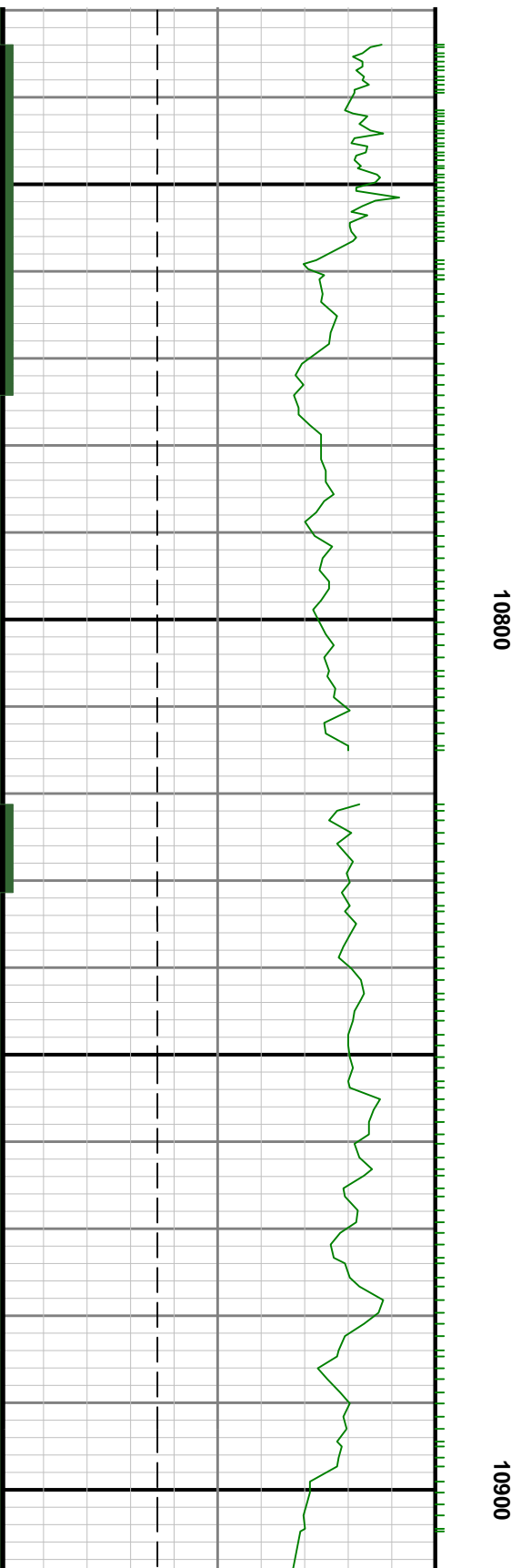
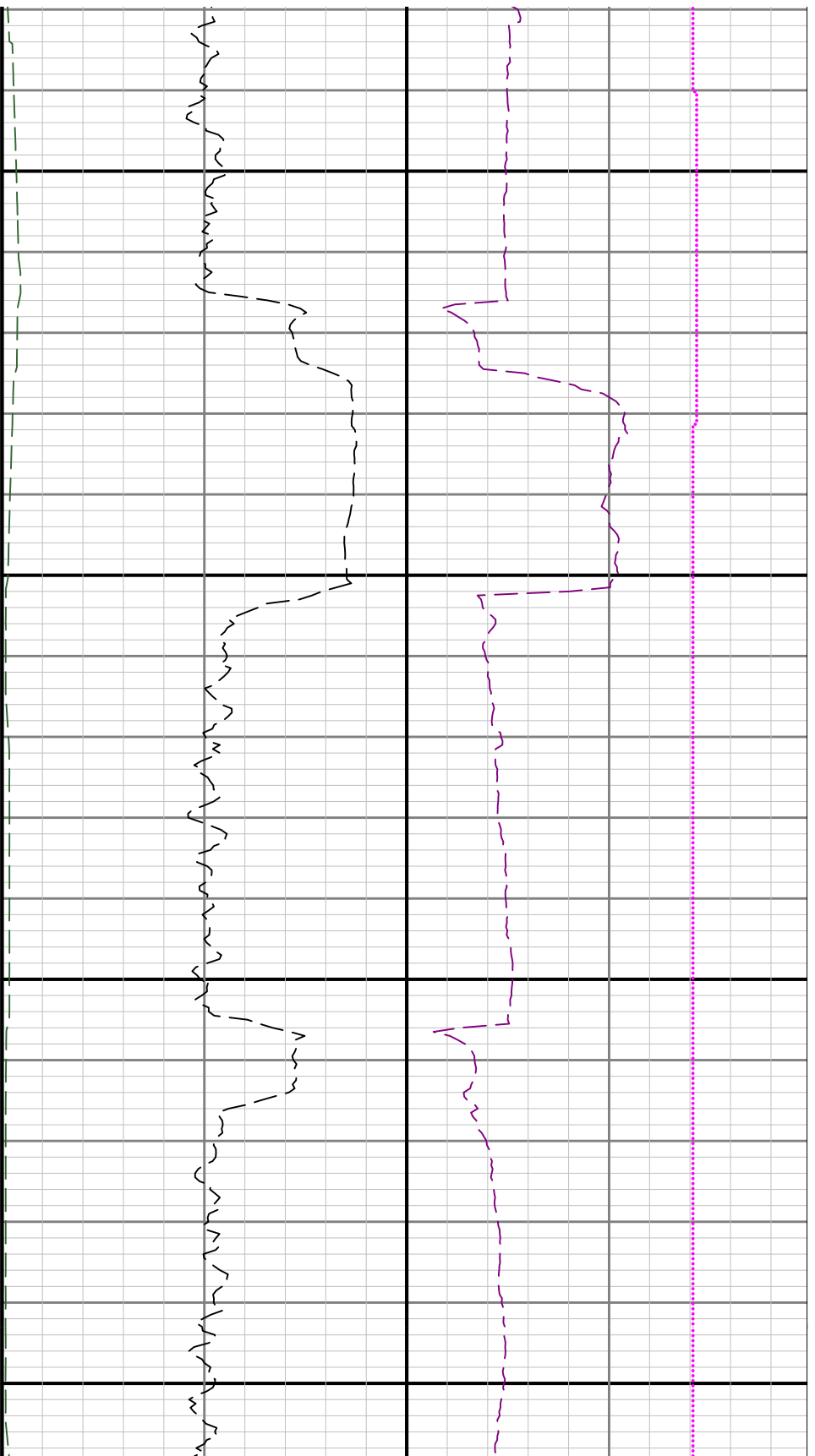
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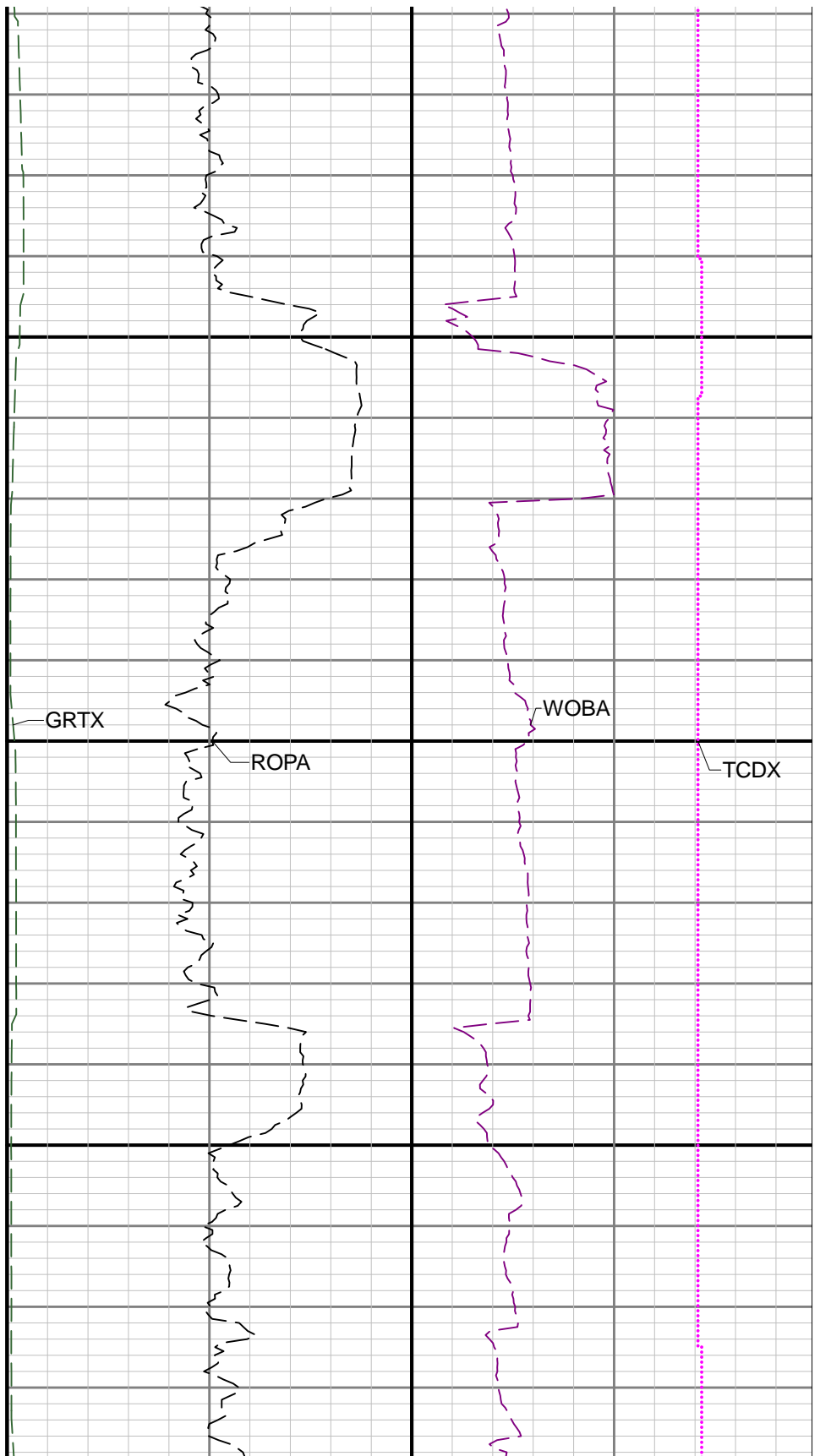
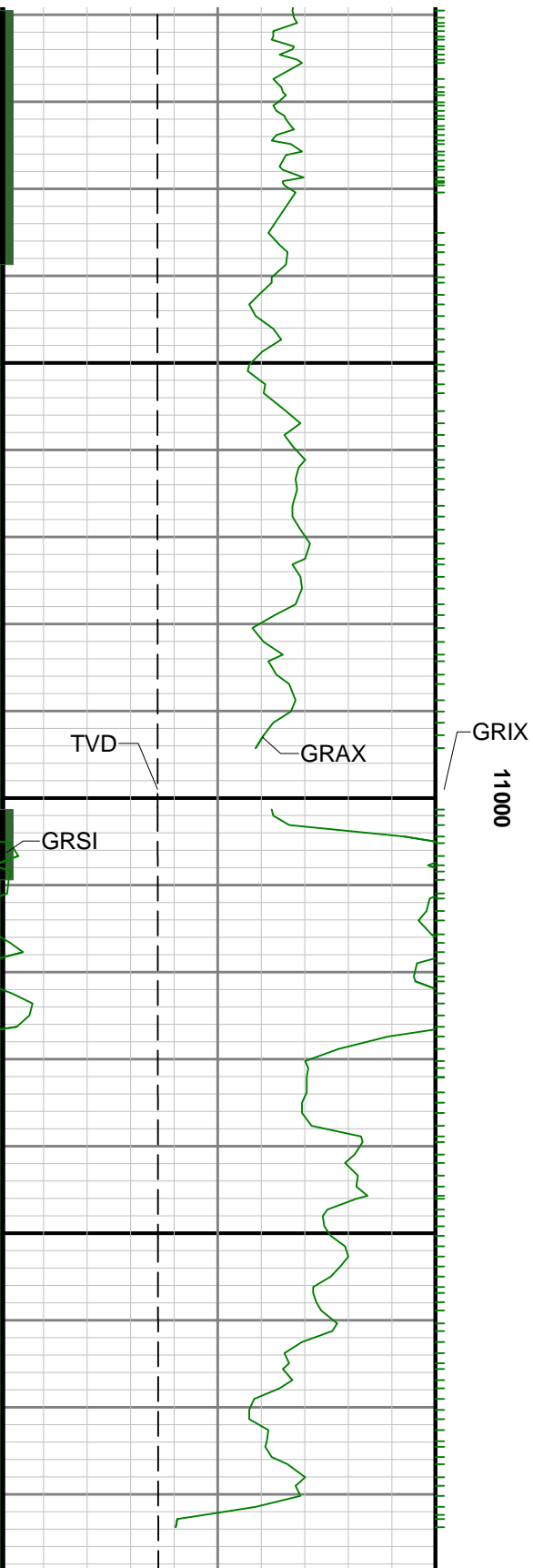


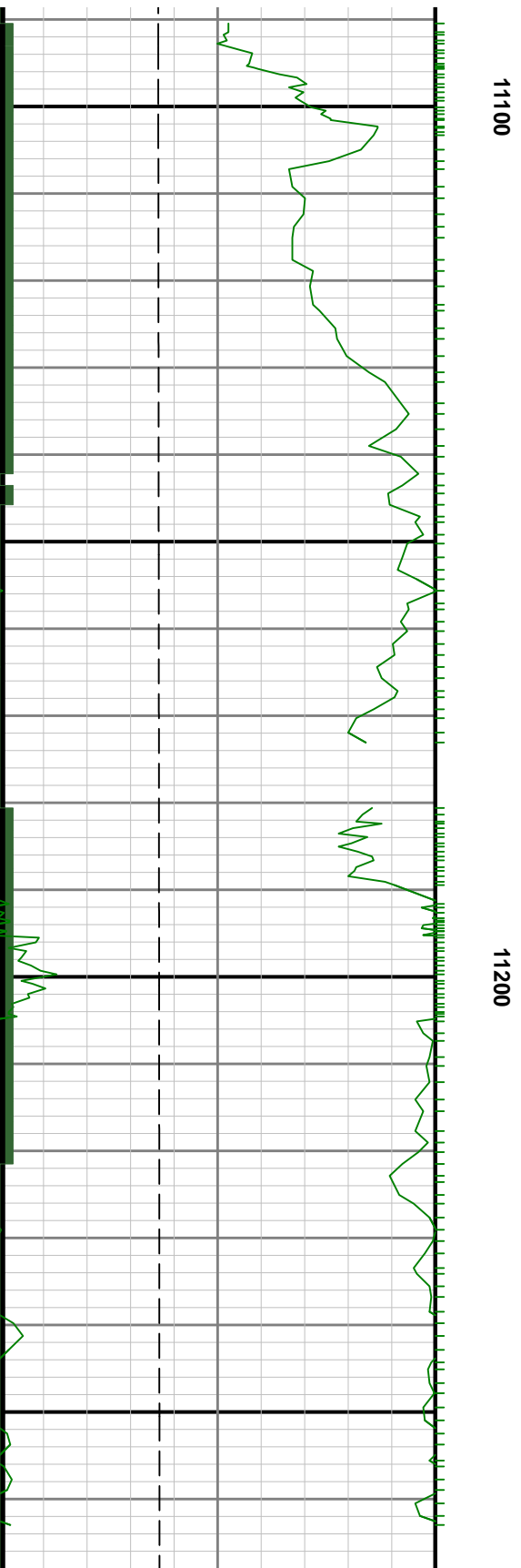
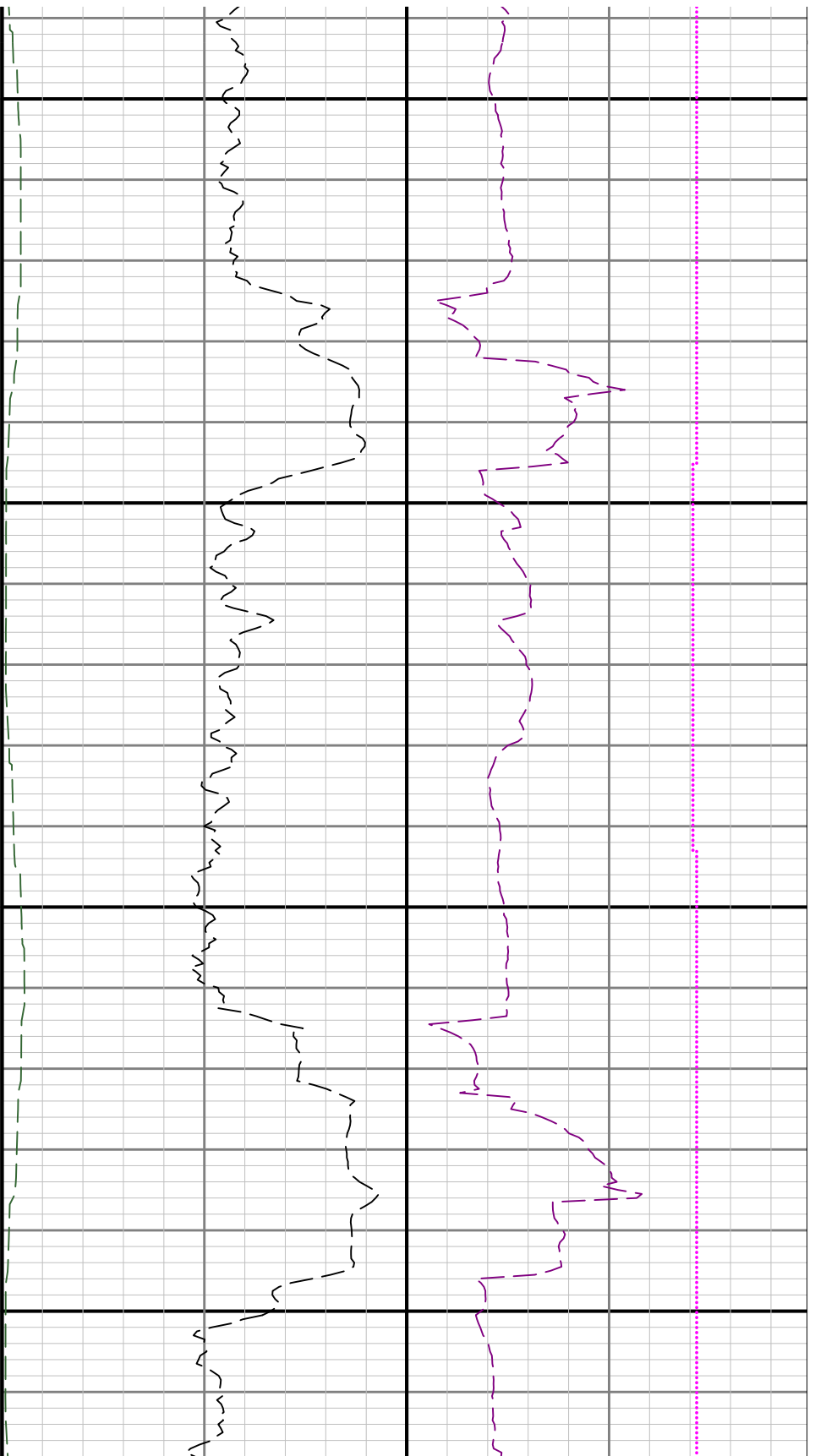


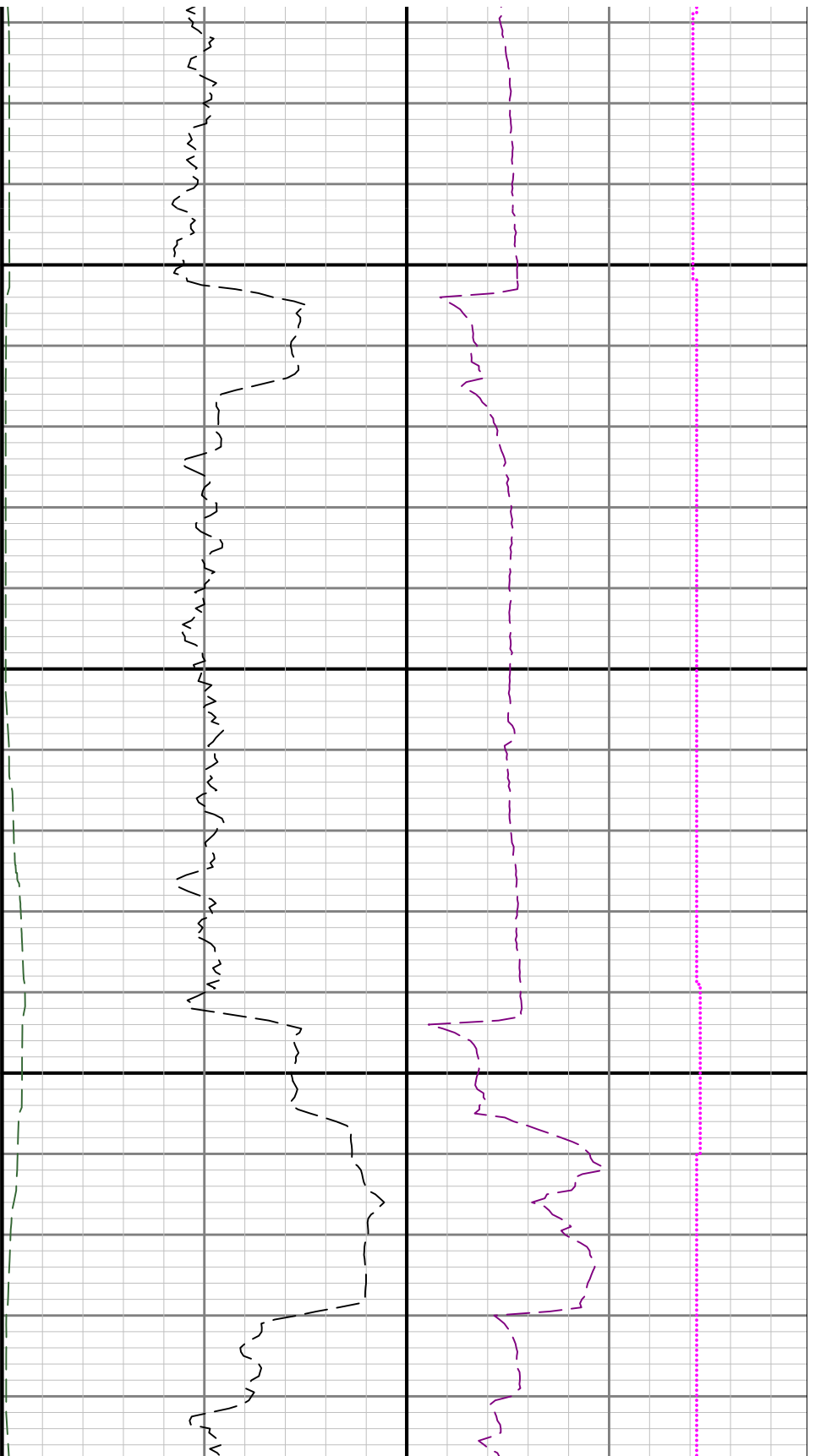






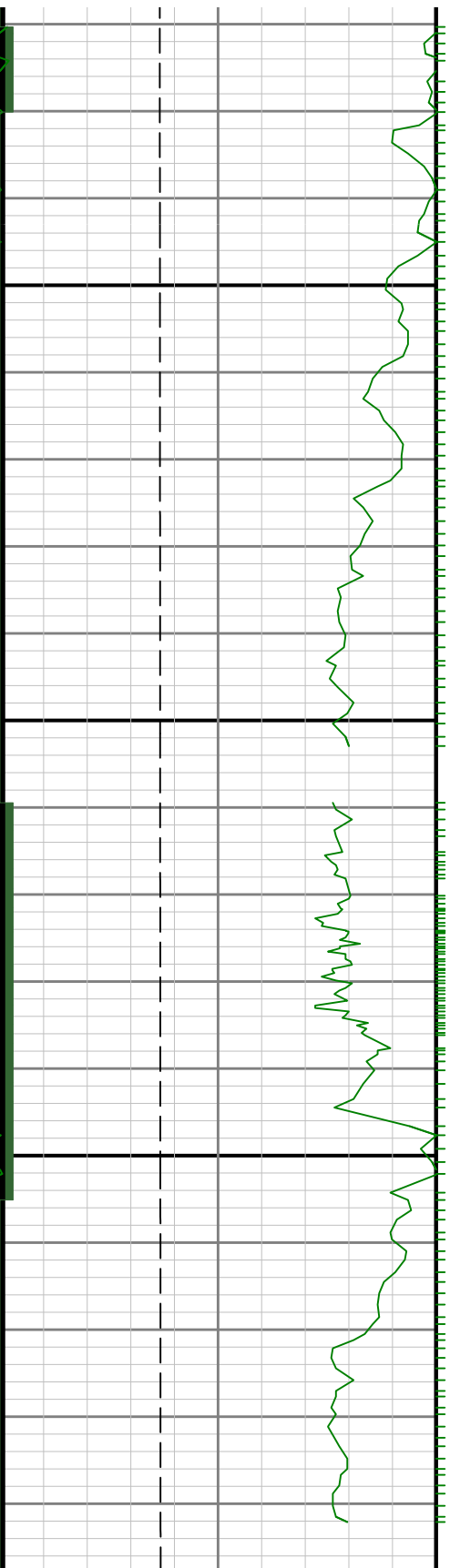


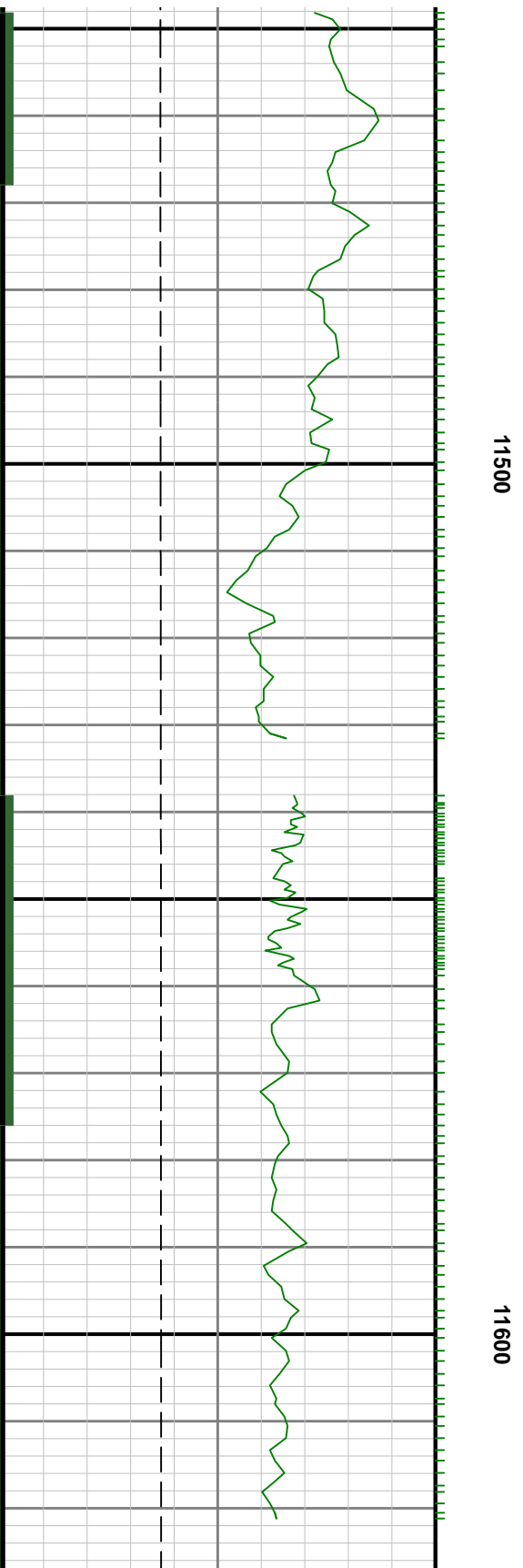
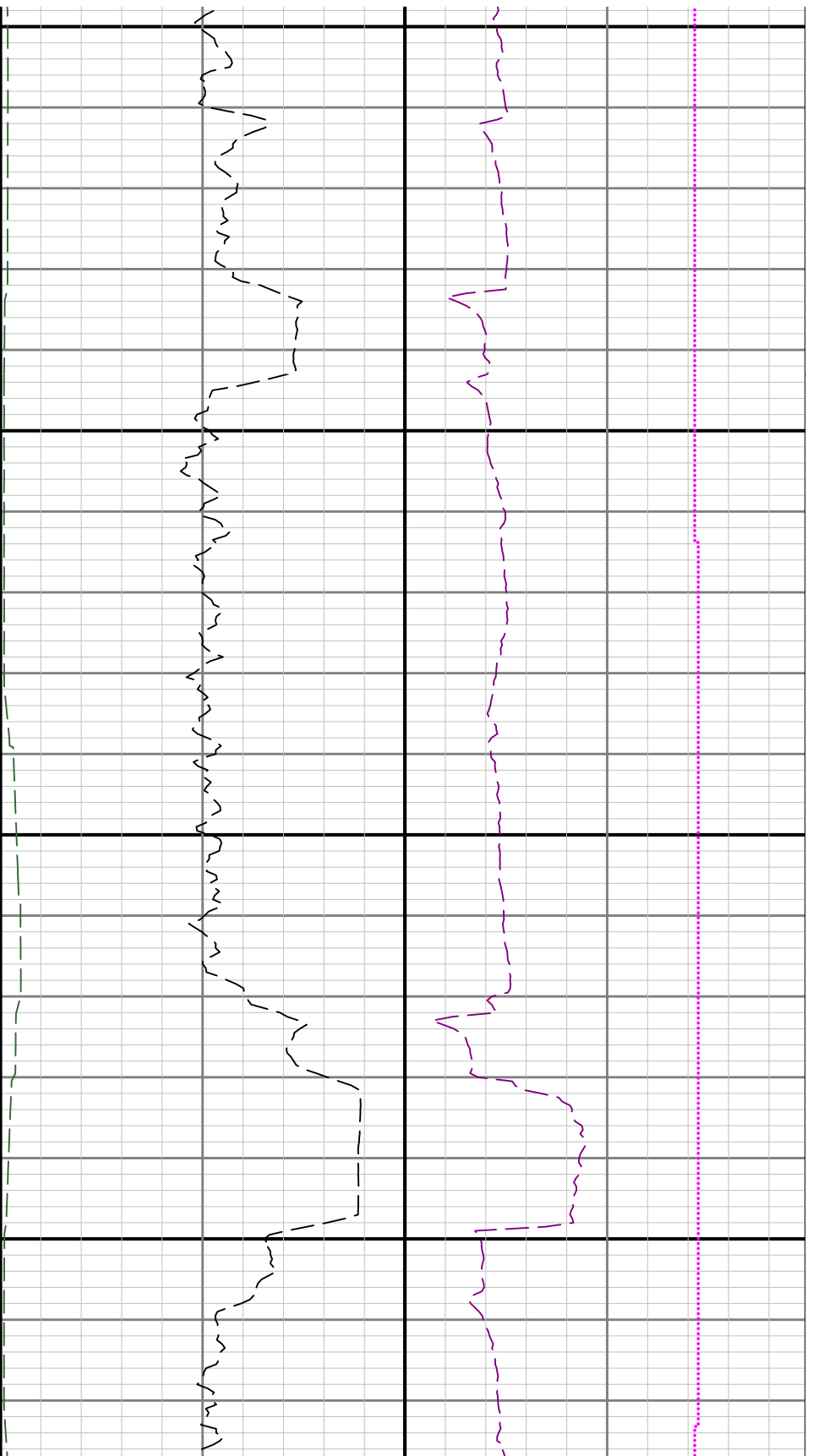


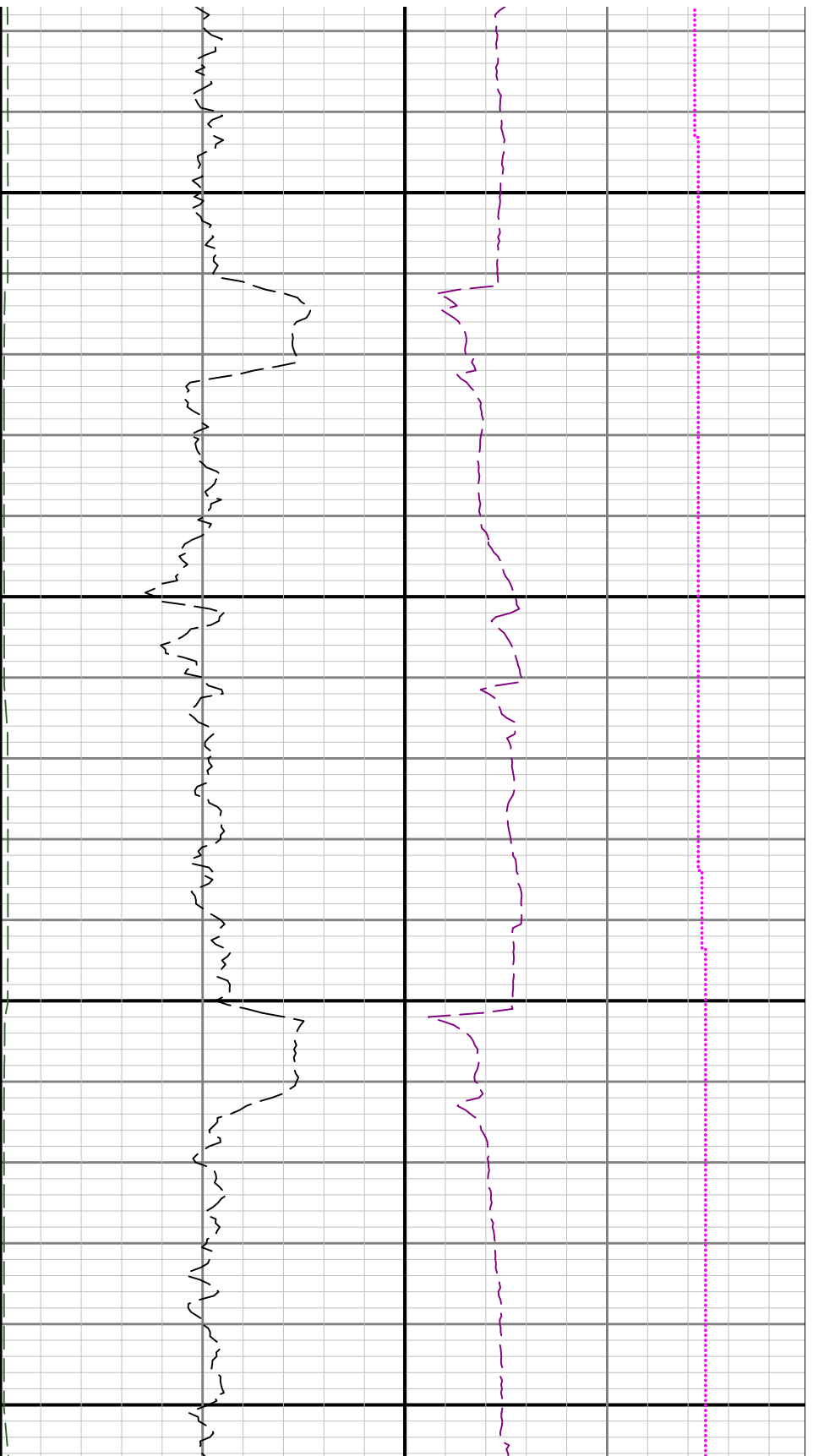


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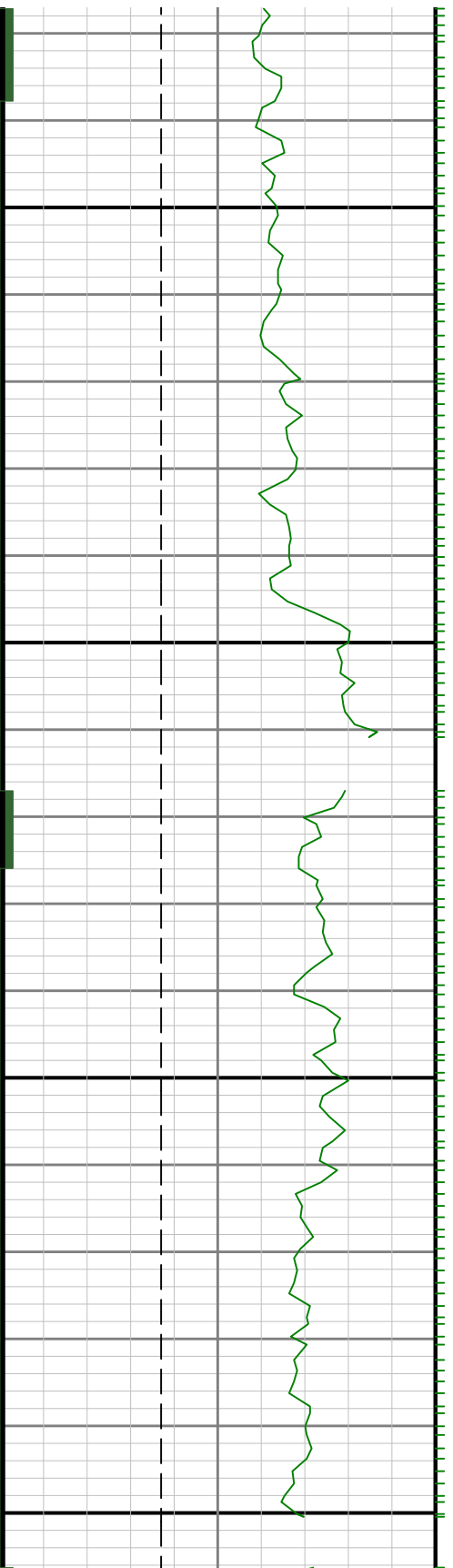






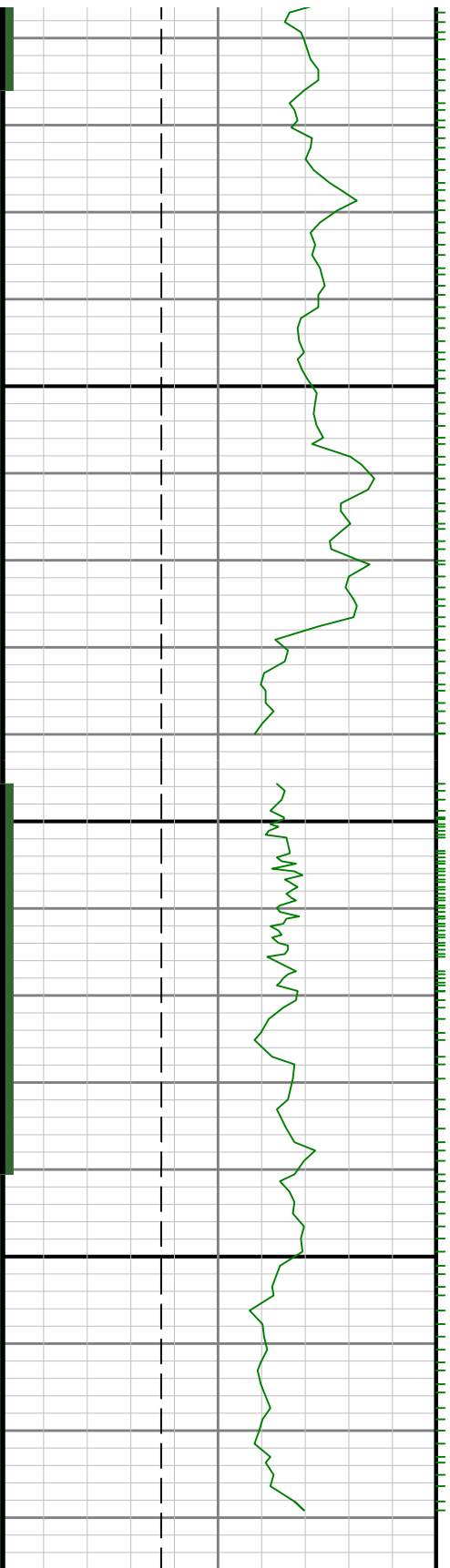
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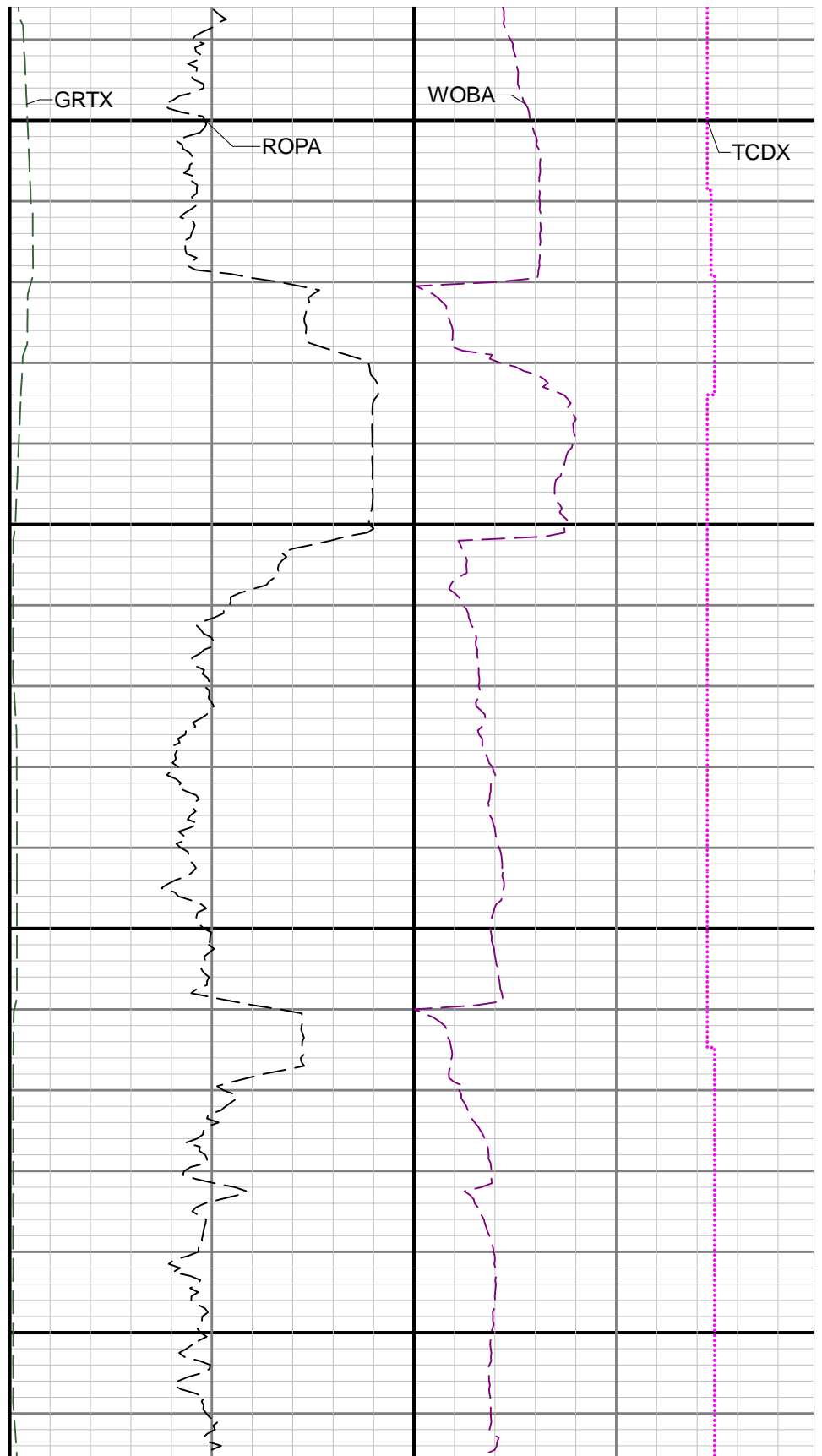
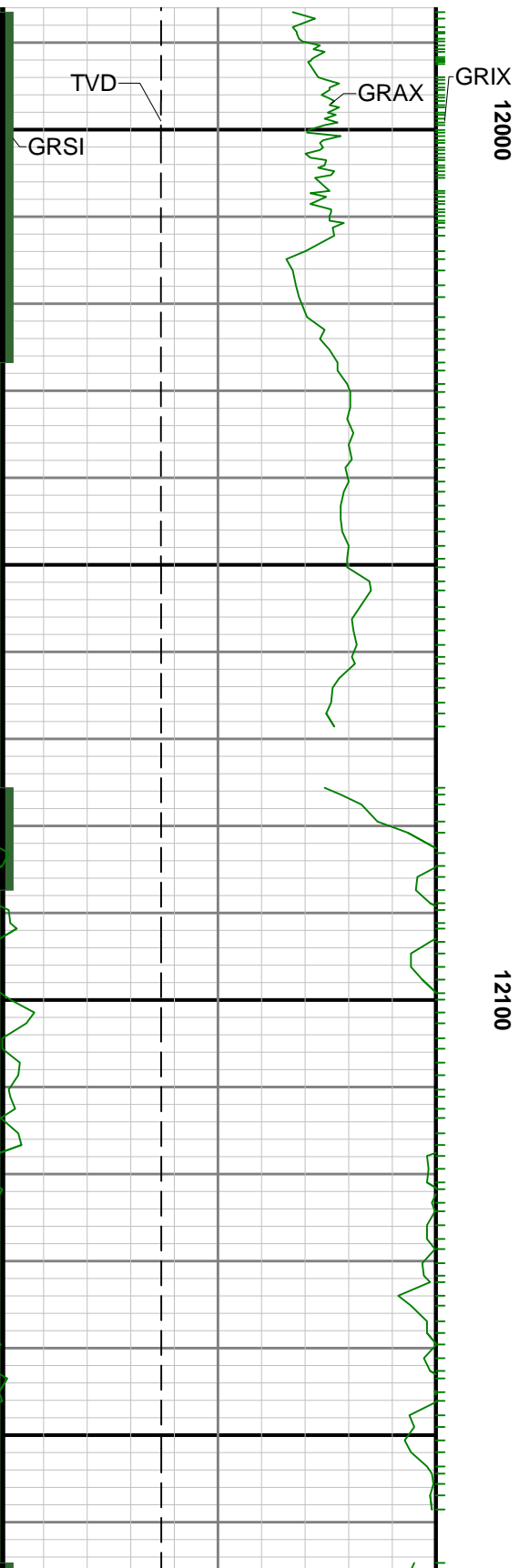
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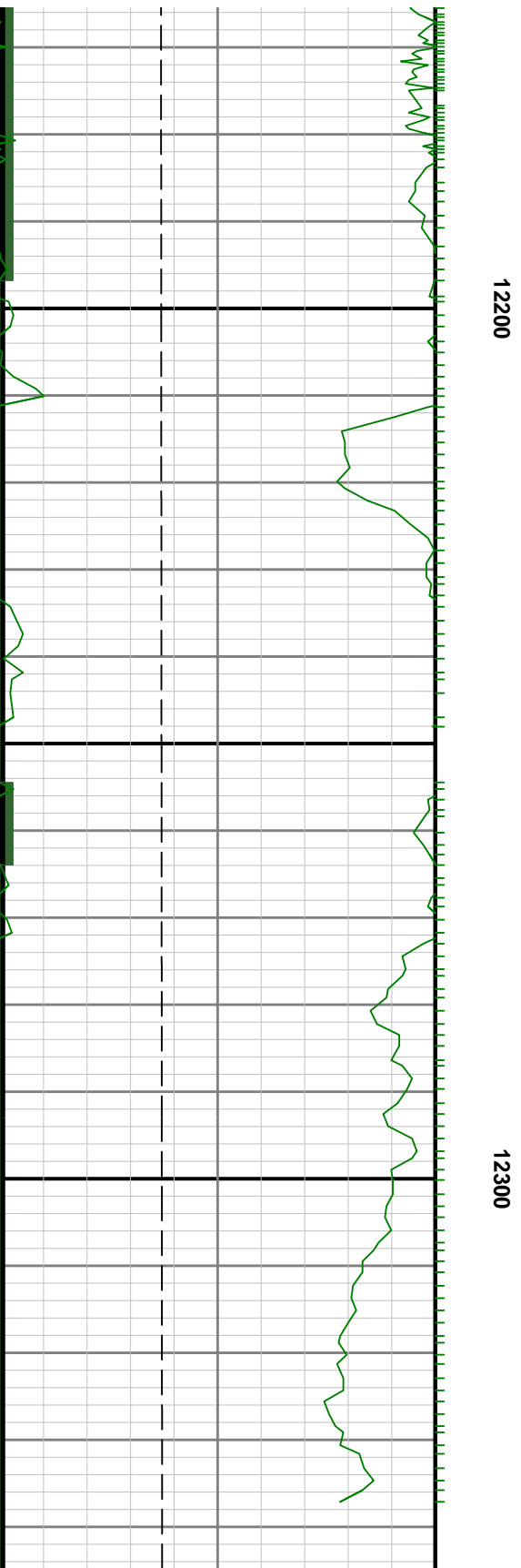
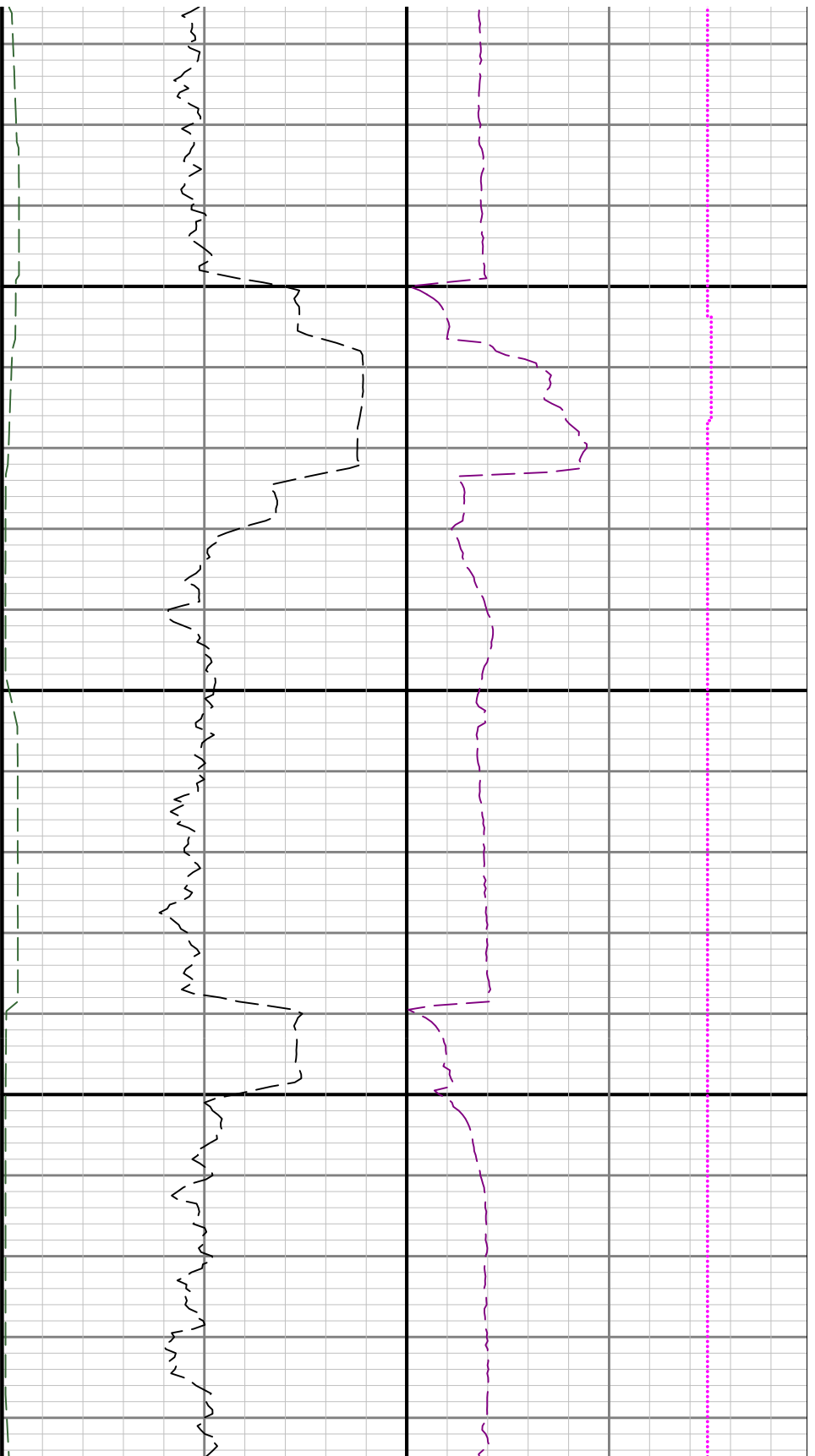


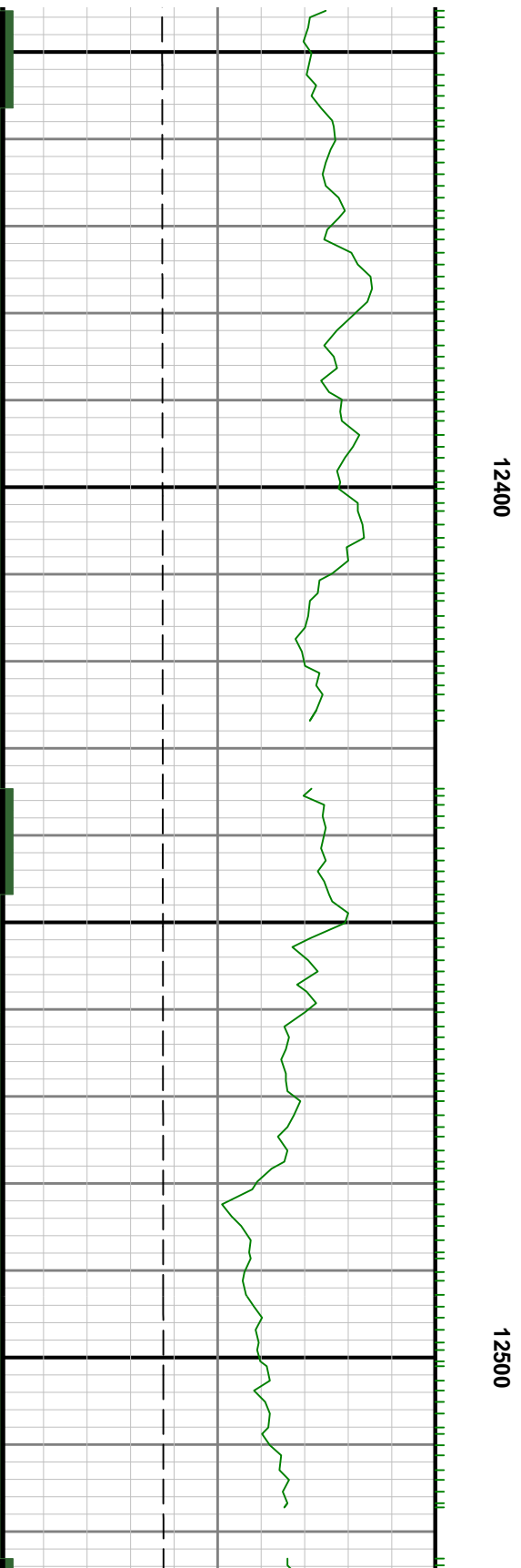


11900











12600

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