


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+ (%)
2017-12-26 10:59	1	4.00	Water Based Mud	8.5	N/A	N/A	N/A	N/A	Flow Line	500	0.00
2018-03-05 23:47	2	1843.00	Diesel-Oil Based Mud	10.0	29	N/A	11.8	76/24	Active Pit	44000	0.00
2018-03-06 16:00	2	5668.00	Diesel-Oil Based Mud	9.9	22	N/A	4.8	76/24	Active Pit	39000	0.00
2018-03-07 04:00	2	7373.00	Diesel-Oil Based Mud	10.0	21	N/A	9.6	77/23	Active Pit	36000	0.00
2018-03-07 16:00	2	9547.00	Diesel-Oil Based Mud	9.9	21	N/A	9.9	76/24	Active Pit	48000	0.00
2018-03-08 04:00	2	11813.00	Diesel-Oil Based Mud	9.9	20	N/A	9.8	76/24	Active Pit	41000	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	Sensor Sub	ZAPS230925	Gamma (single)	8.52	58.70	8.000	3.250				
1	Sensor Sub	ZAPS230925	Directional (mag)	9.93	60.11	8.000	3.250				
1	Sensor Sub	ZAPS230925	VSS	9.93	60.11	8.000	3.250				
1	Sensor Sub	ZAPS230925	Pressure	30.52	80.70	8.000	3.250				
2	ATC_SU	13867780	Near Bit Inclination	5.93	6.73	7.000	4.330				
2	ATC_SU	13867780	Near Bit VSS	5.93	6.73	7.000	4.330				
2	ATC_MWD	12316739	Gamma (single)	2.76	12.90	7.000	3.250				
2	ATC_MWD	12316739	Directional (mag)	12.28	22.42	7.000	3.250				
Service and Tool Mnemonics											
Mnemonic	Name	Description									
GAM	APS	APS EM Module									
ATC_SU	ATC_SU	Auto Trak Curve Steering Unit									
ATC_MWD	ATC_MWD	Auto Trak Curve MWD									
ATC_LCPM	ATC_LCPM	Auto Trak Curve LCPM									
Comments											
<div>1 Depth measurements 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.</div> <div>2 Baker Hughes LWD Run 1 utilized 8 inch NaviTrak service (Directional only) behind a 13 1/2 inch bit and steerable assembly from surface to 1843 feet MD (surface to 1823 feet TVD). No logging data was acquired during this run.</div> <div>3 0 to 15655 feet MD (1823 to 6875 feet TVD).</div> <div>4 Gamma Ray Apparent (GRAM) is presented 0 to 300 API per customer request.</div>											
Remarks											
Number	Measured Depth (ft)	Hole Section (in)	Run No.	Remark							
1	15647.00	8.500	2	The interval from 15642 to 15655 feet MD (6875 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			Gamma Ray - Apparent - Memory 0.5 ft Average								API
GRIM			Gamma Ray - Data Point Indicator - Memory								unitless
GRTM			Gamma Ray - Time Since Drilled - Memory								min

TCDM	Downhole Temperature	degF
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Company

Well

Interval

Created

SRC Energy

Boomerang 12N-6B-M

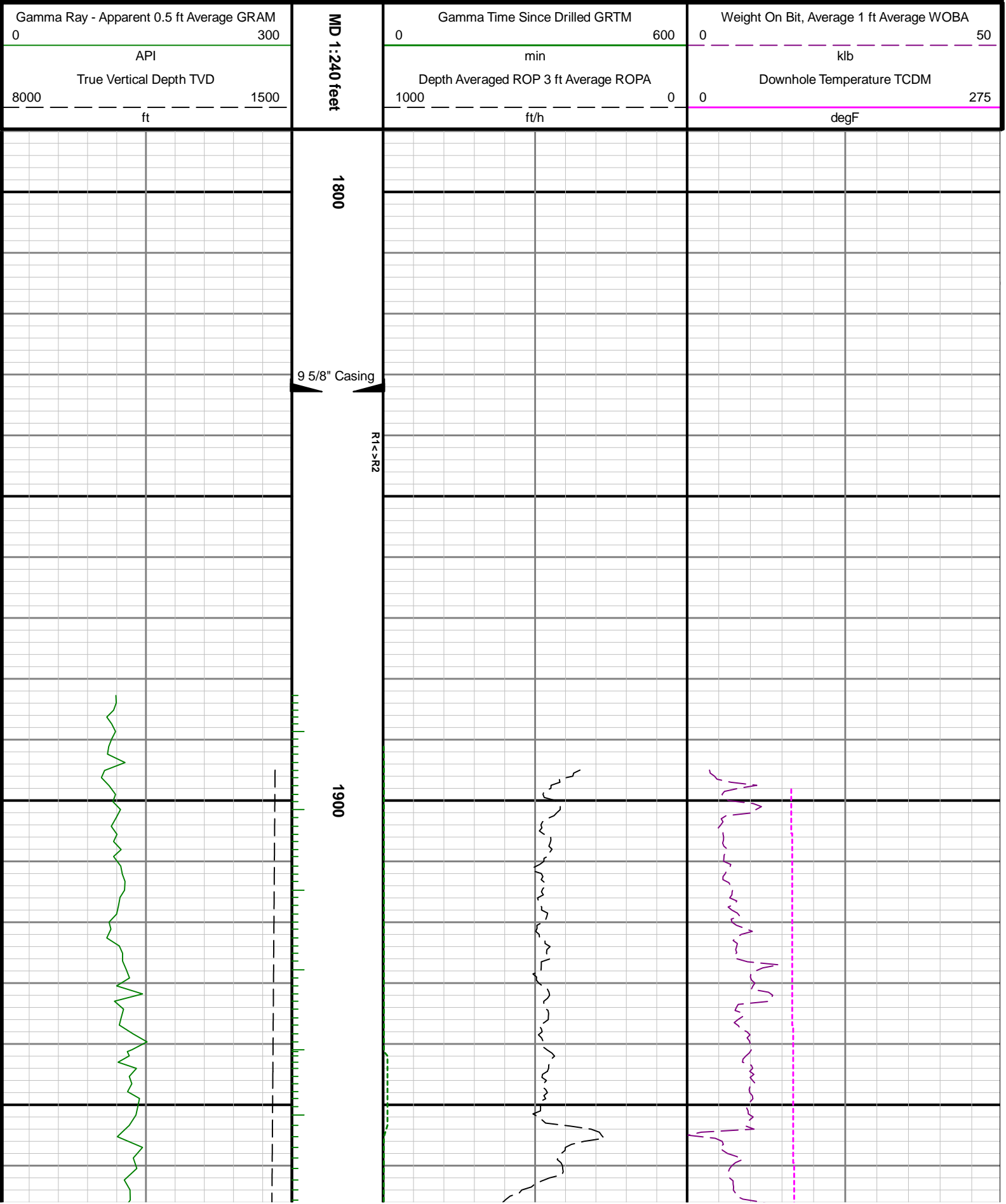
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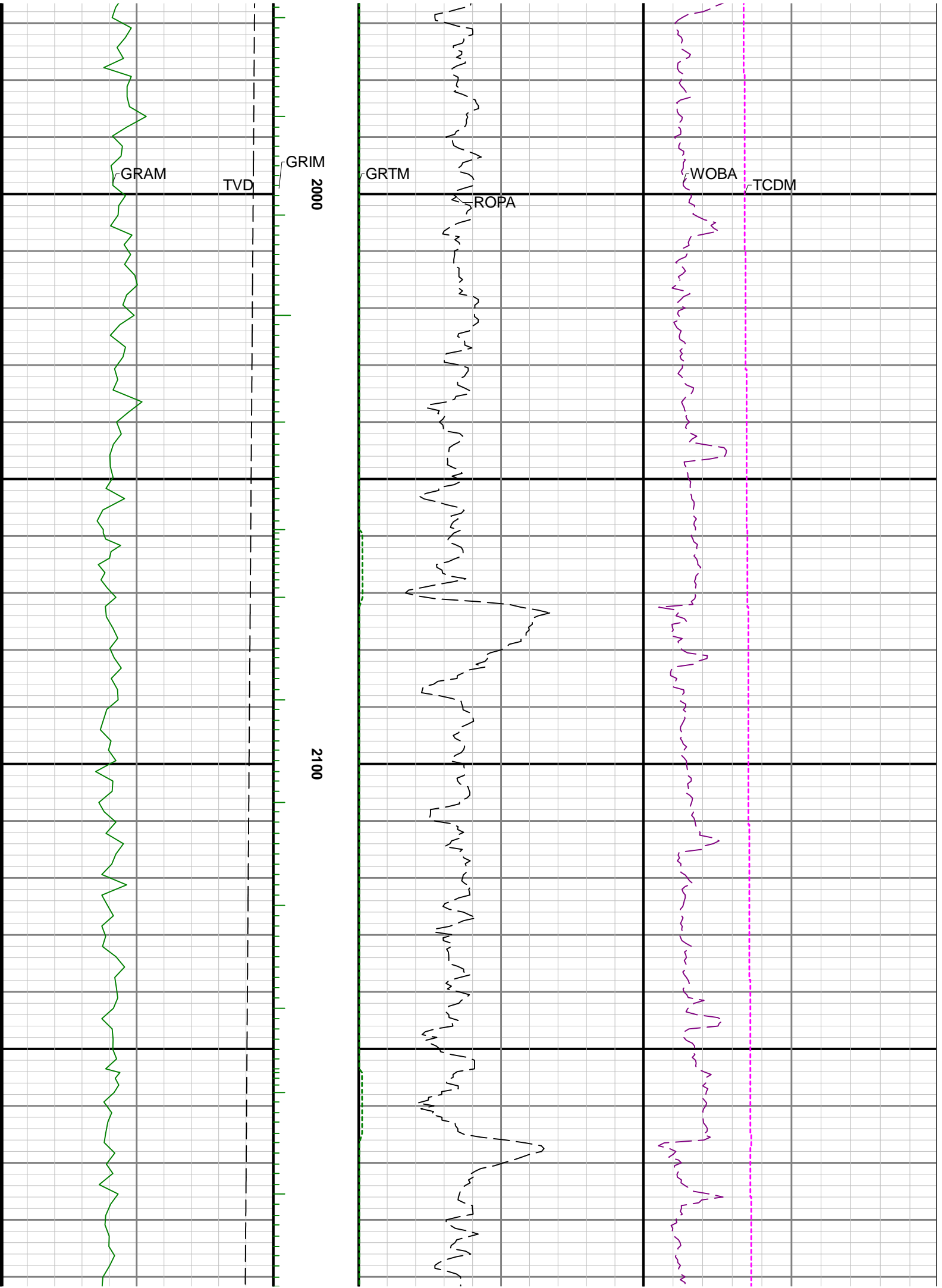
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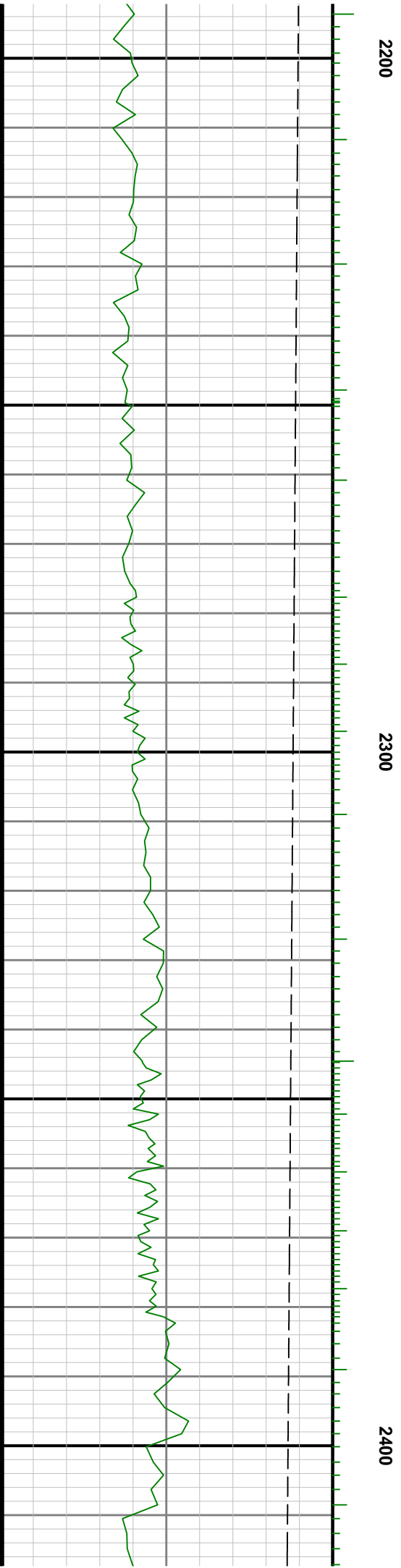
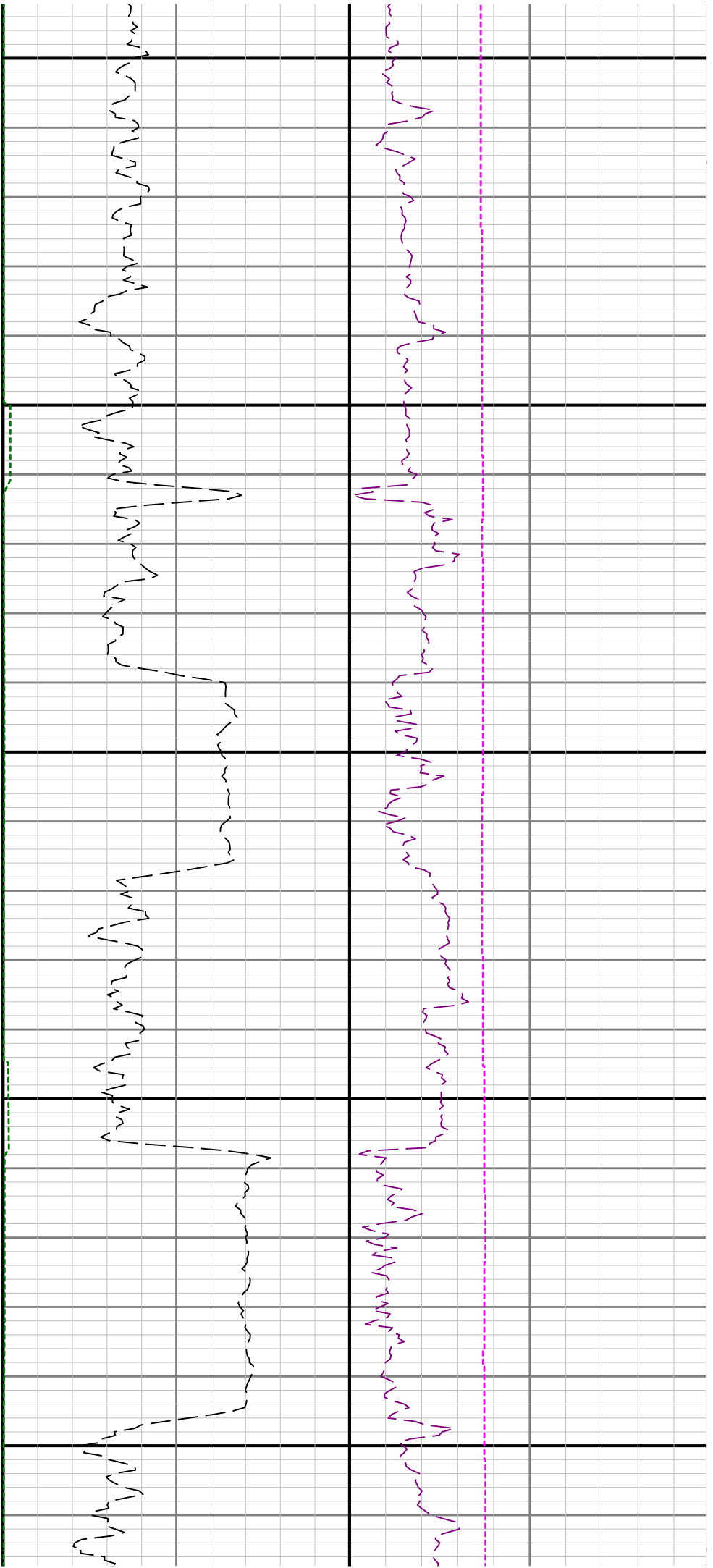
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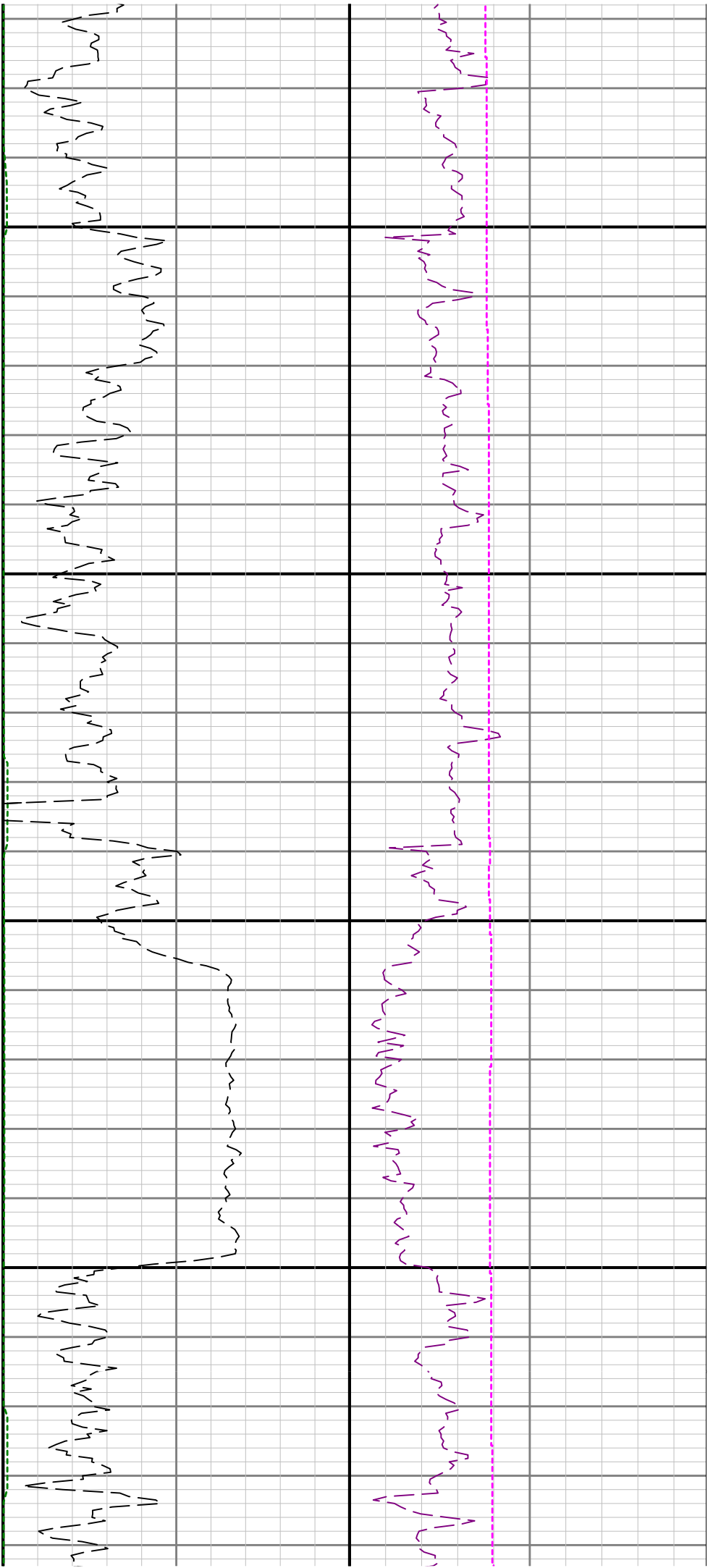
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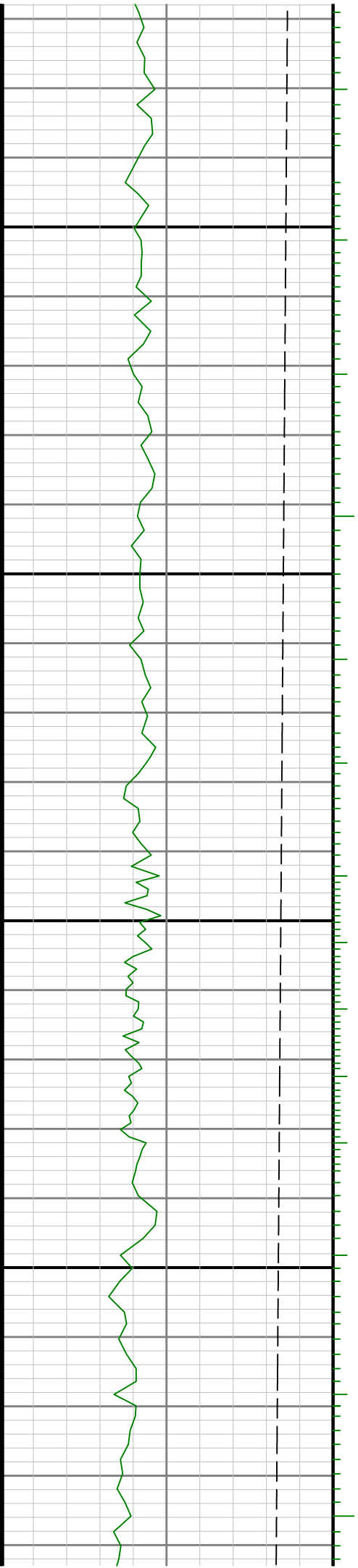


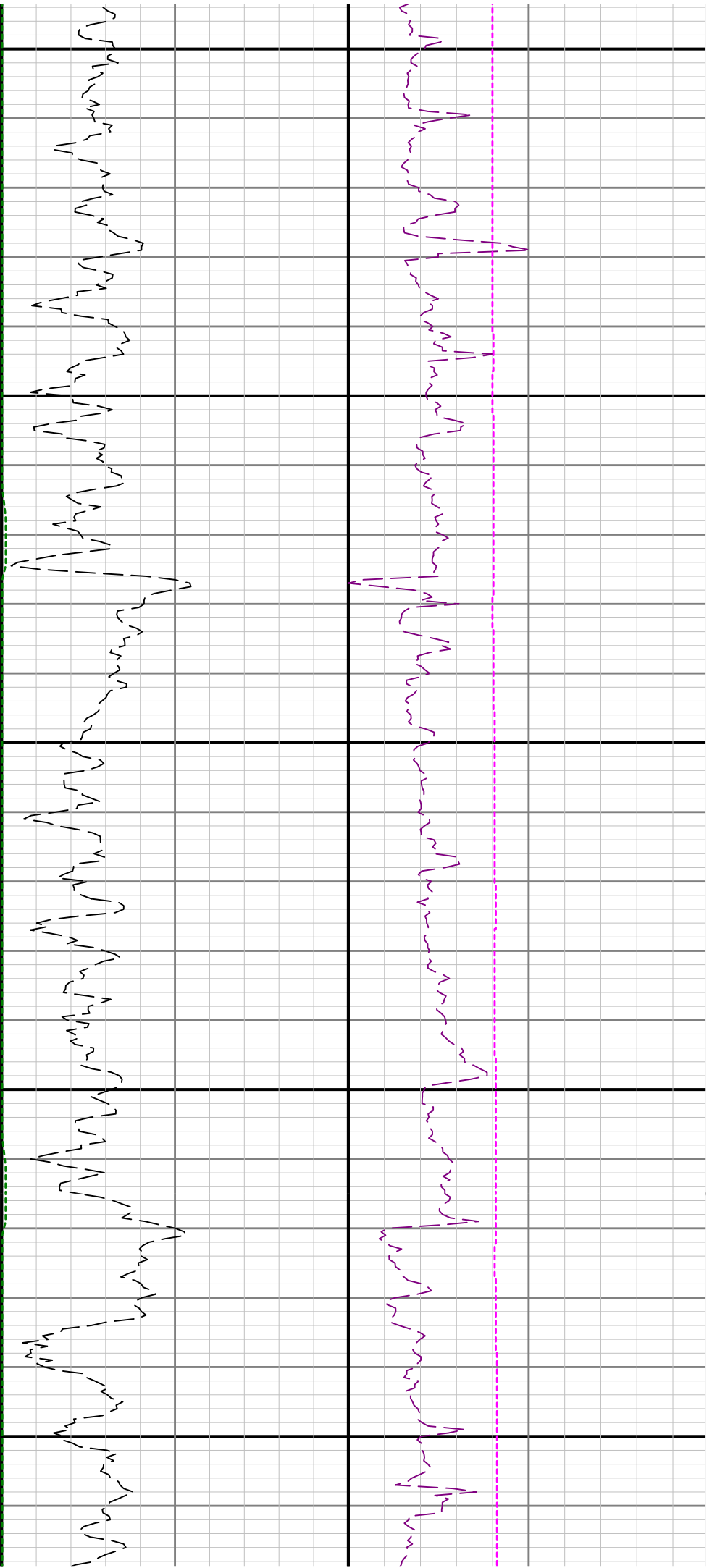




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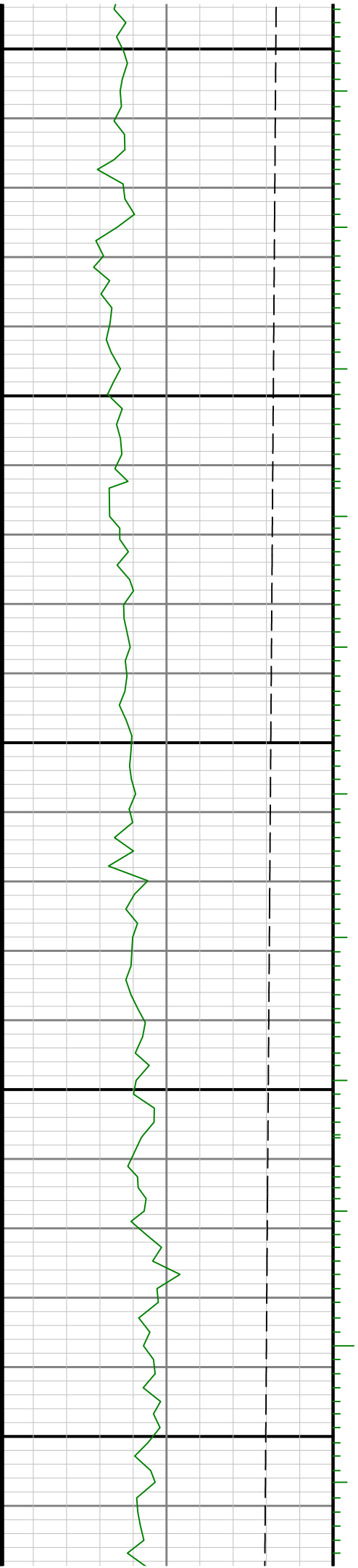
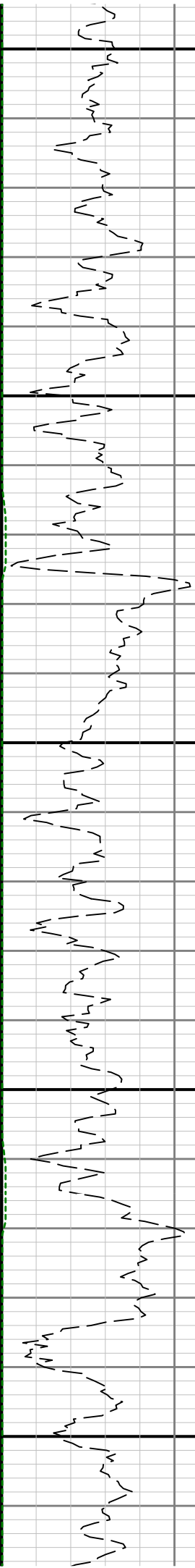
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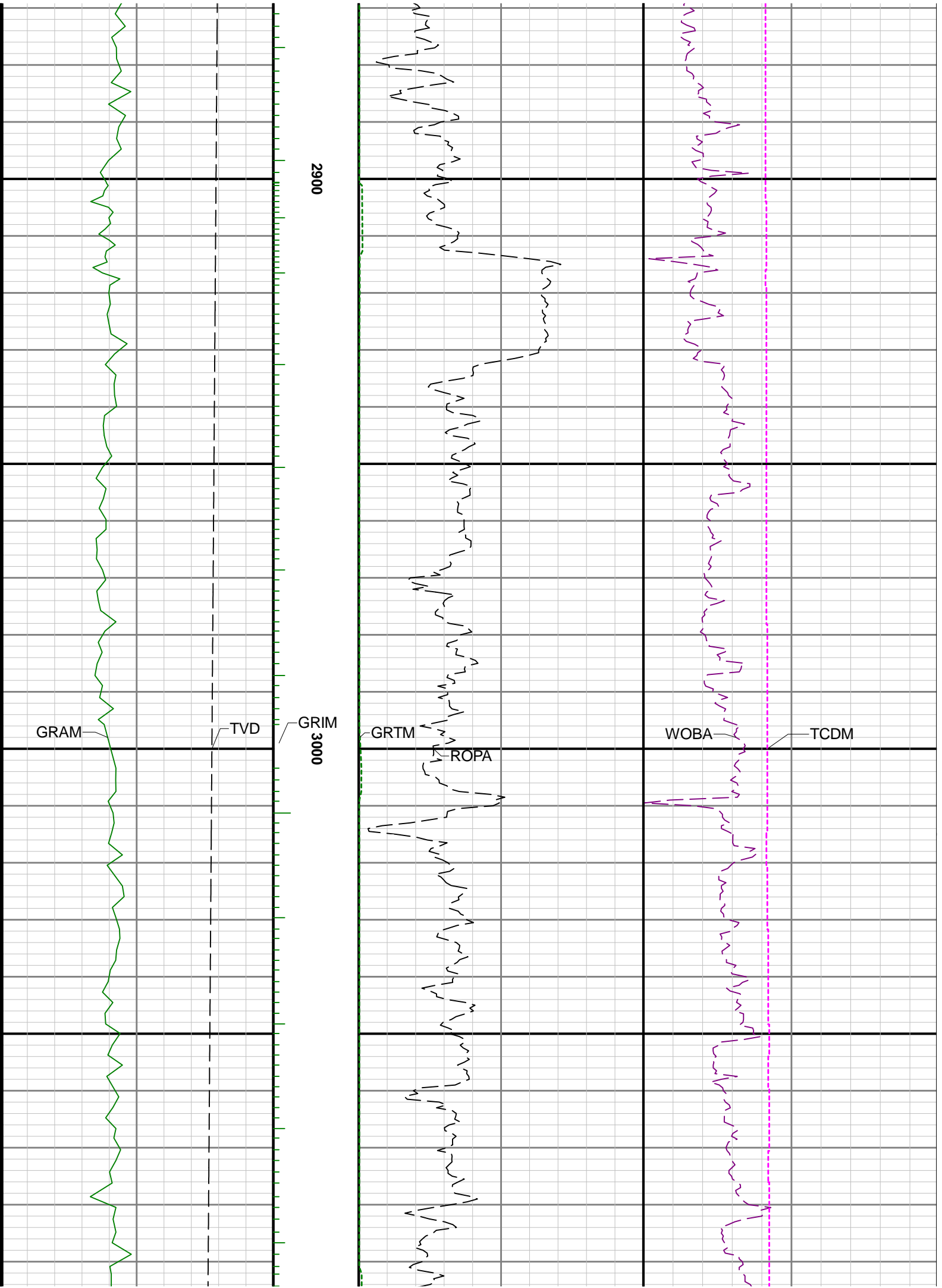


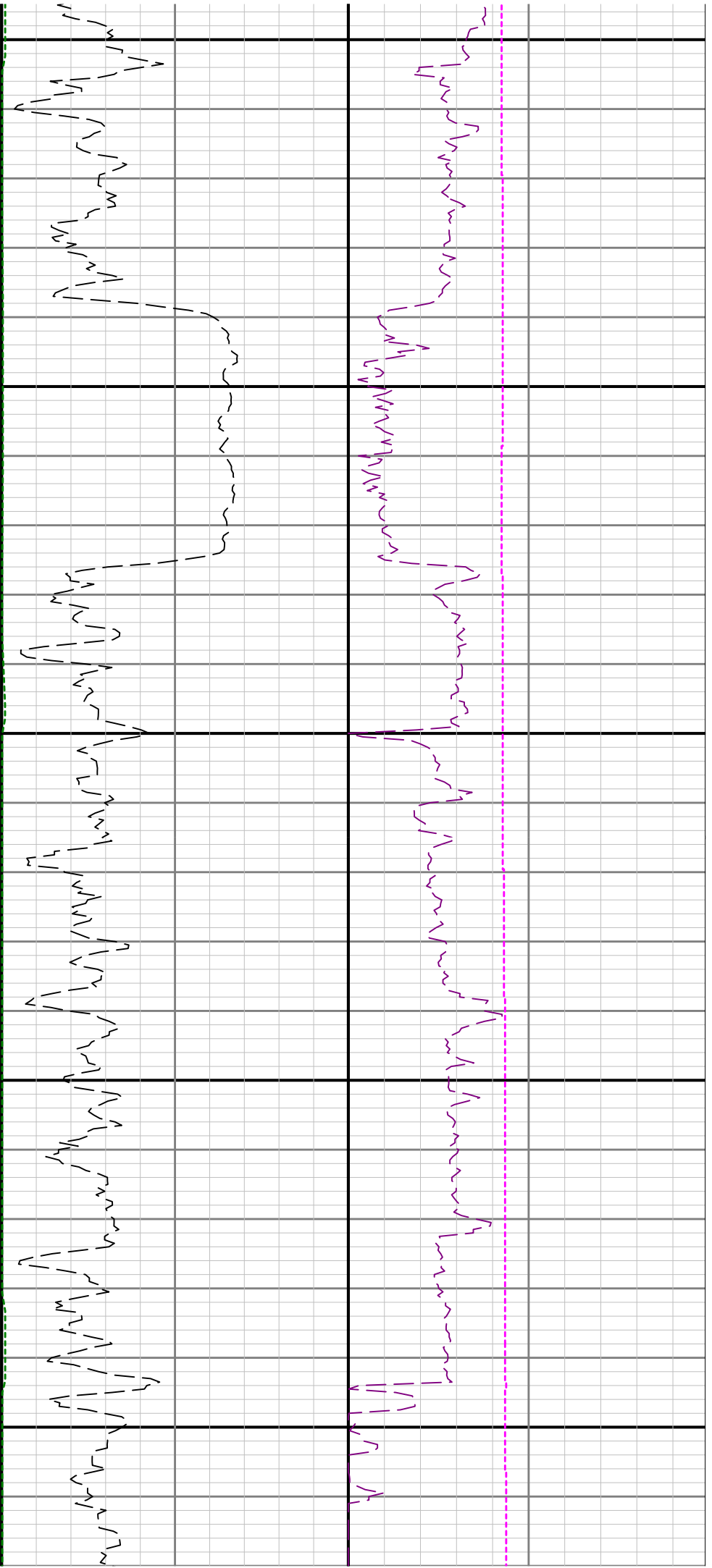


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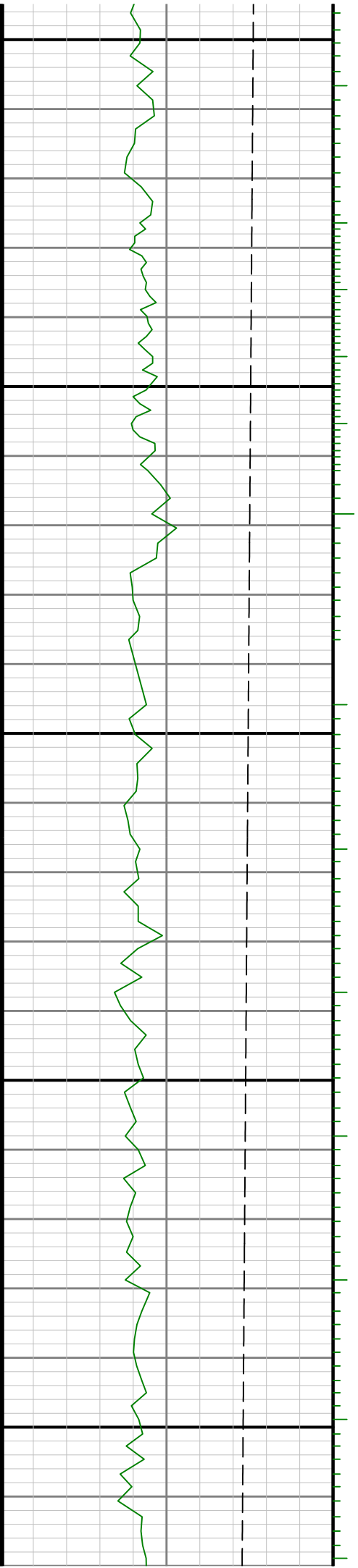


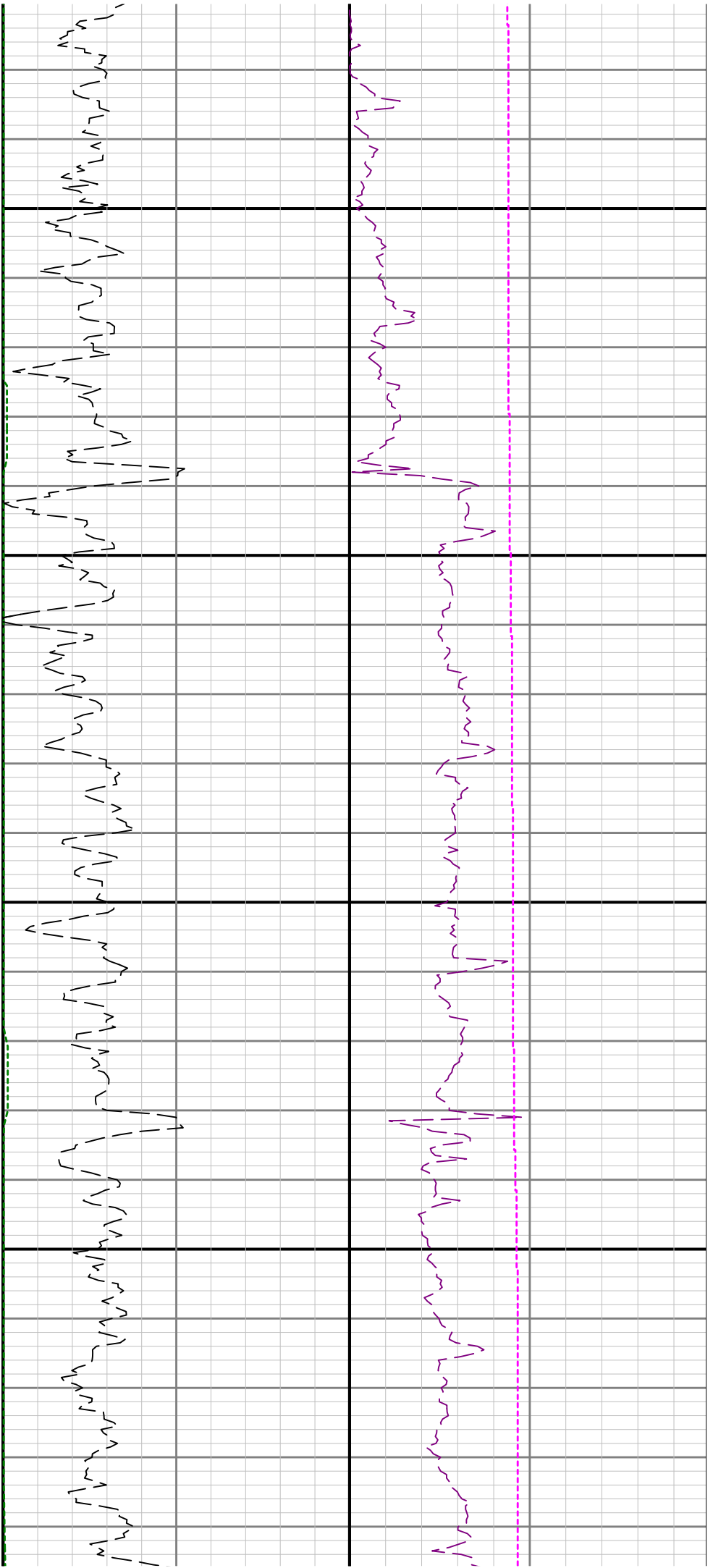


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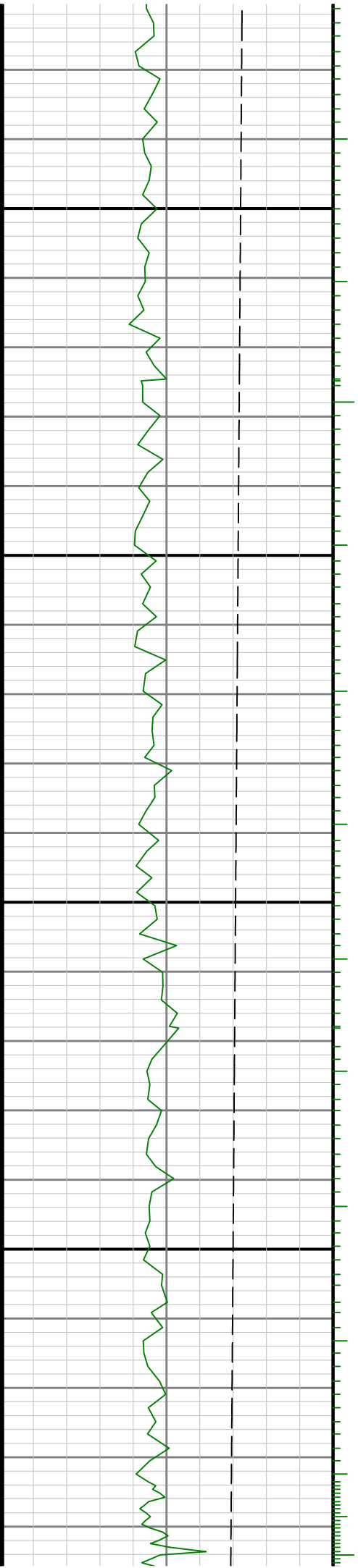
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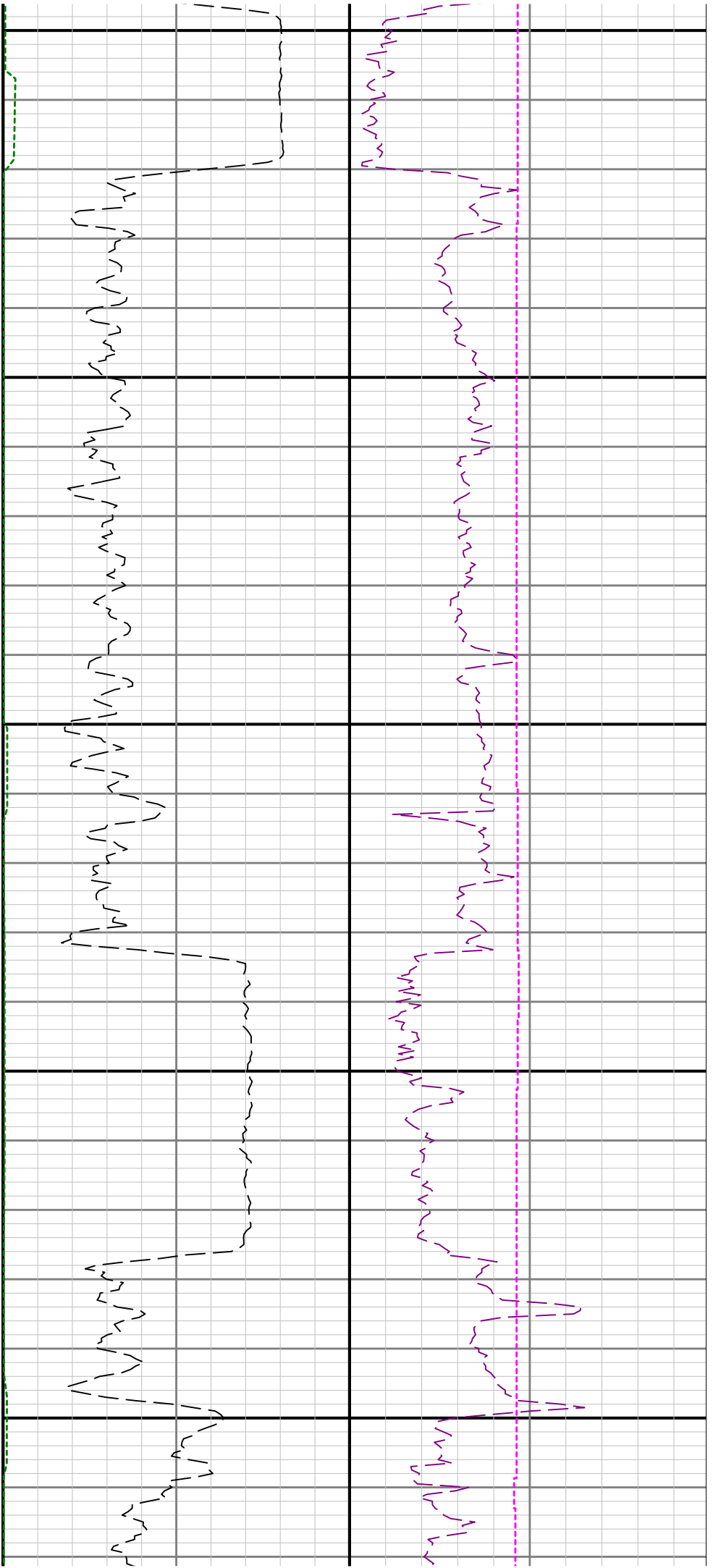




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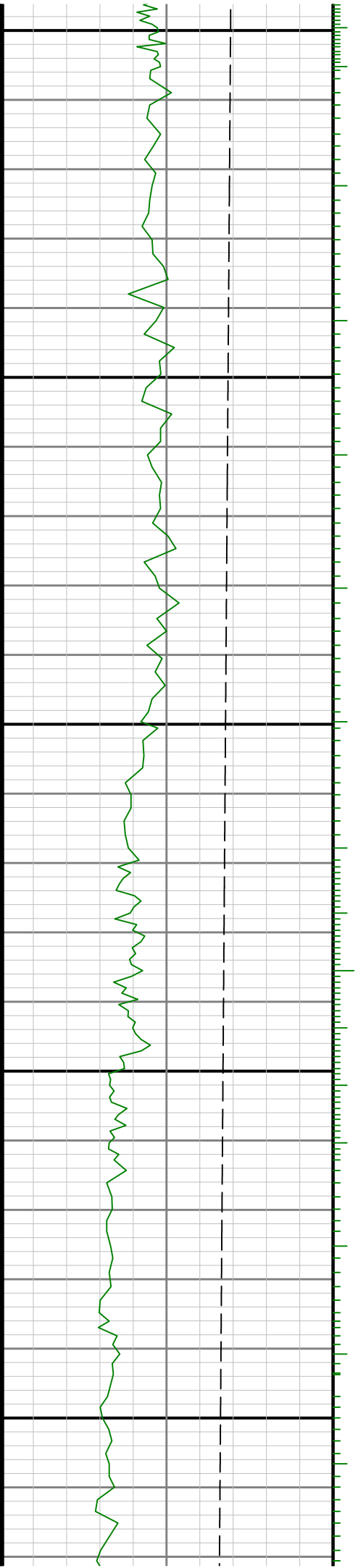
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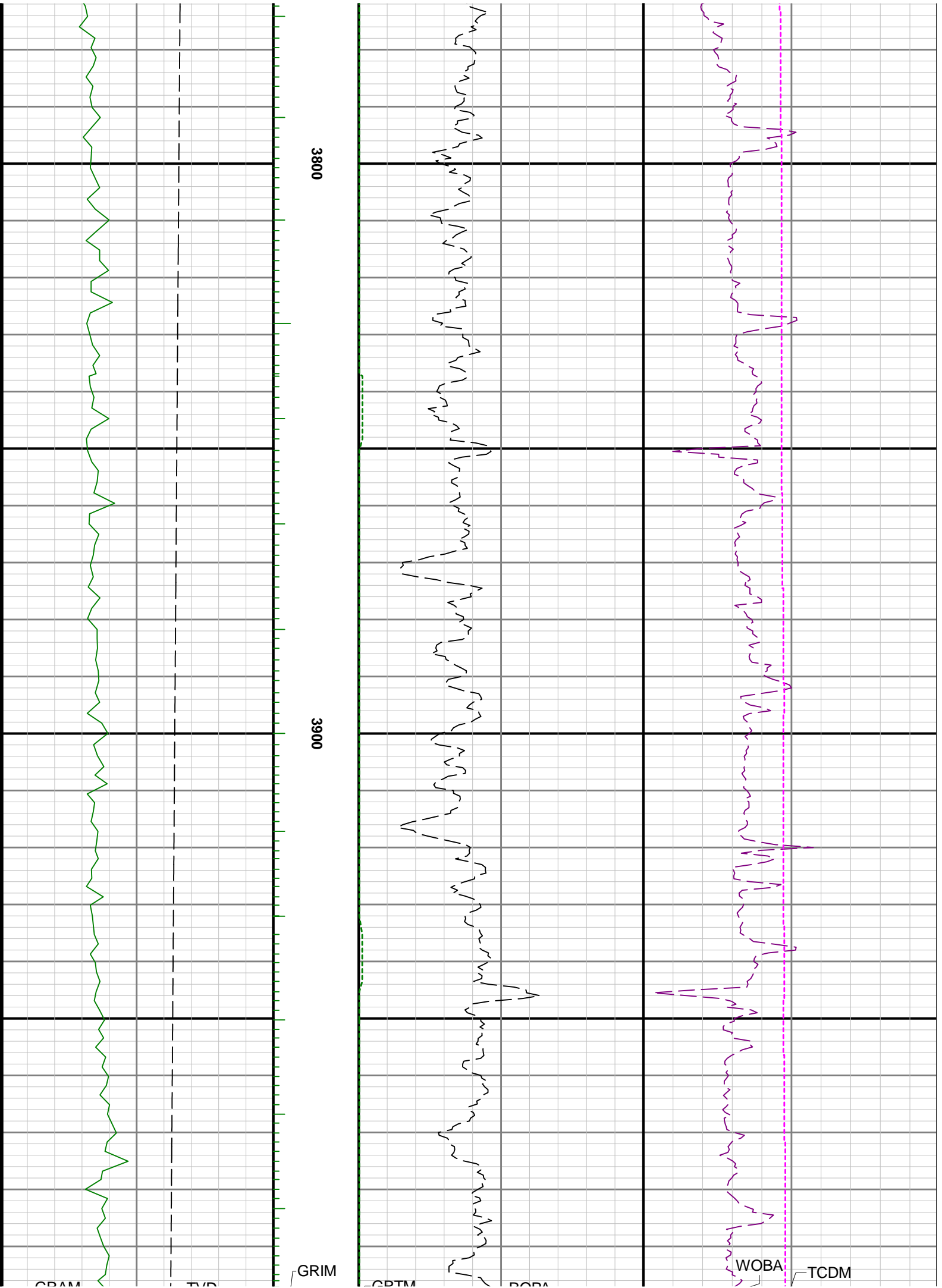


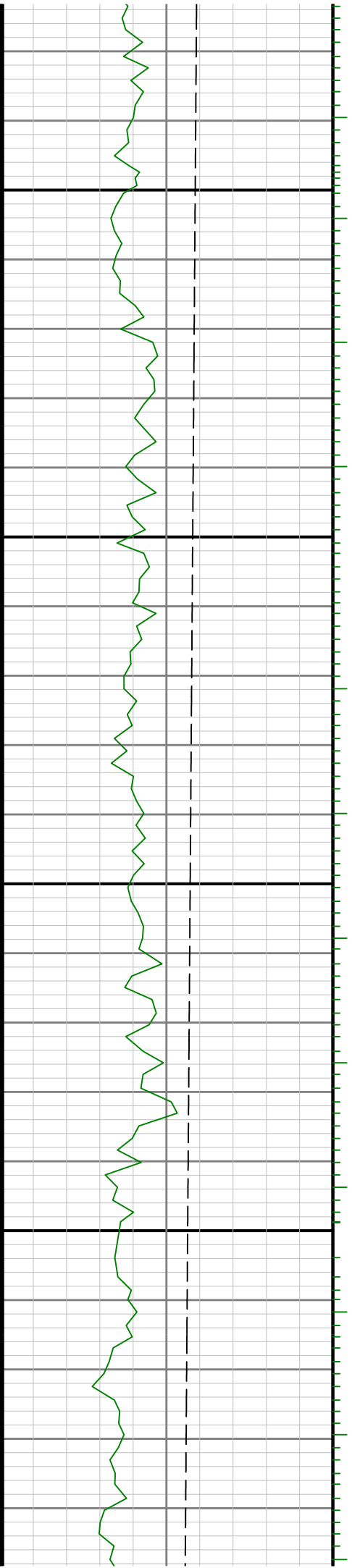
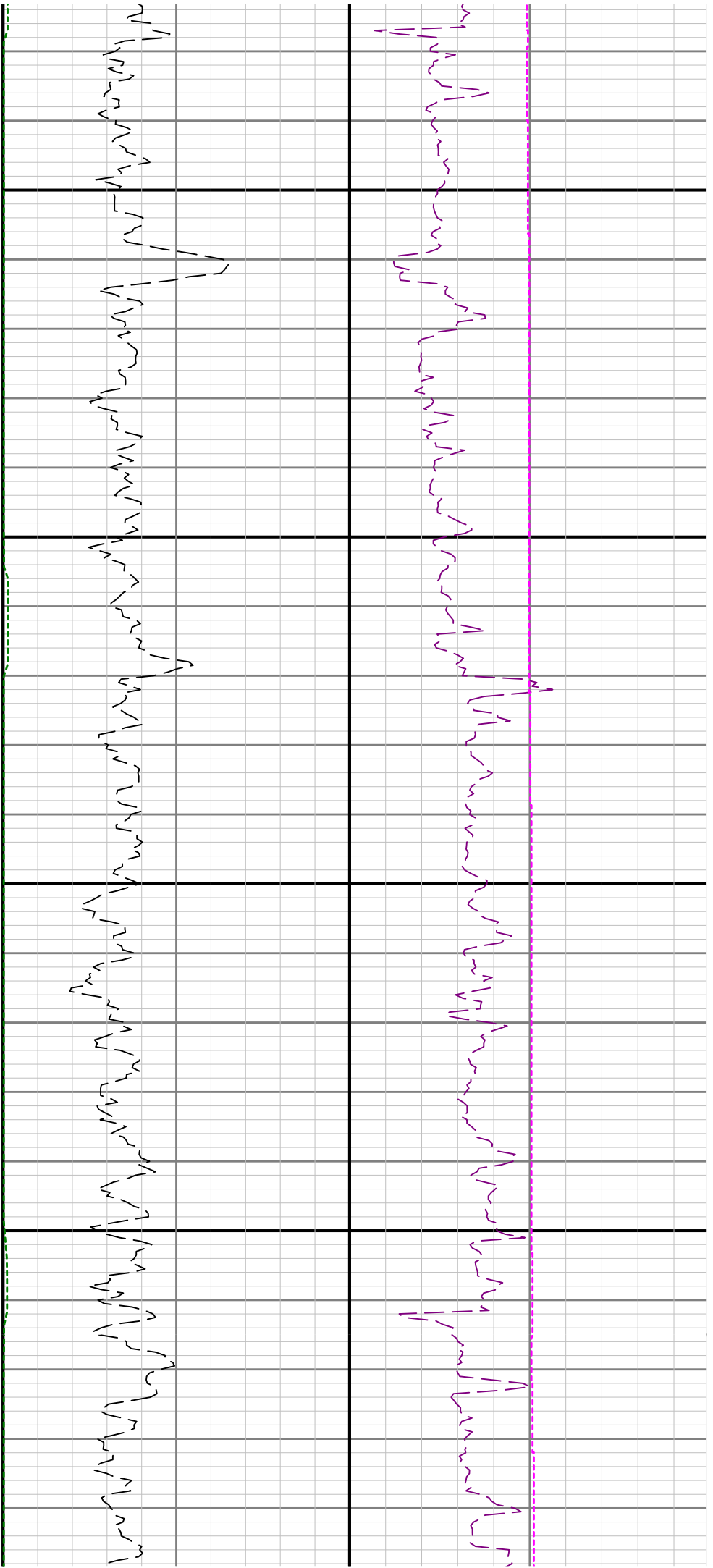


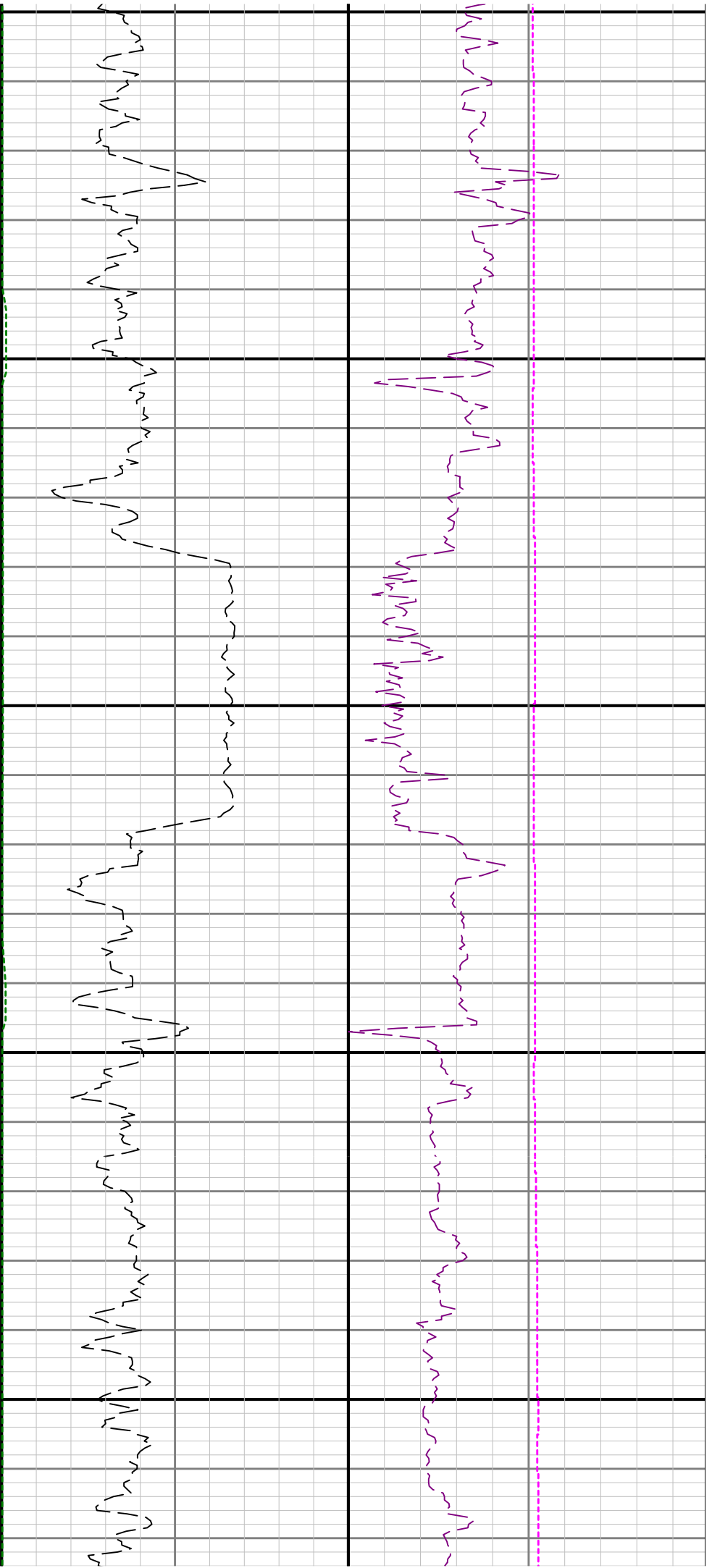
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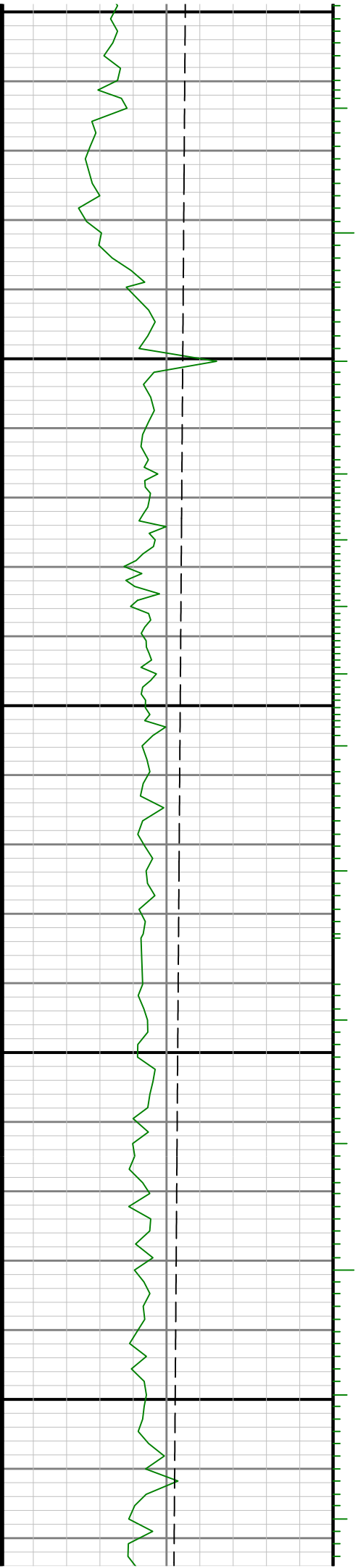


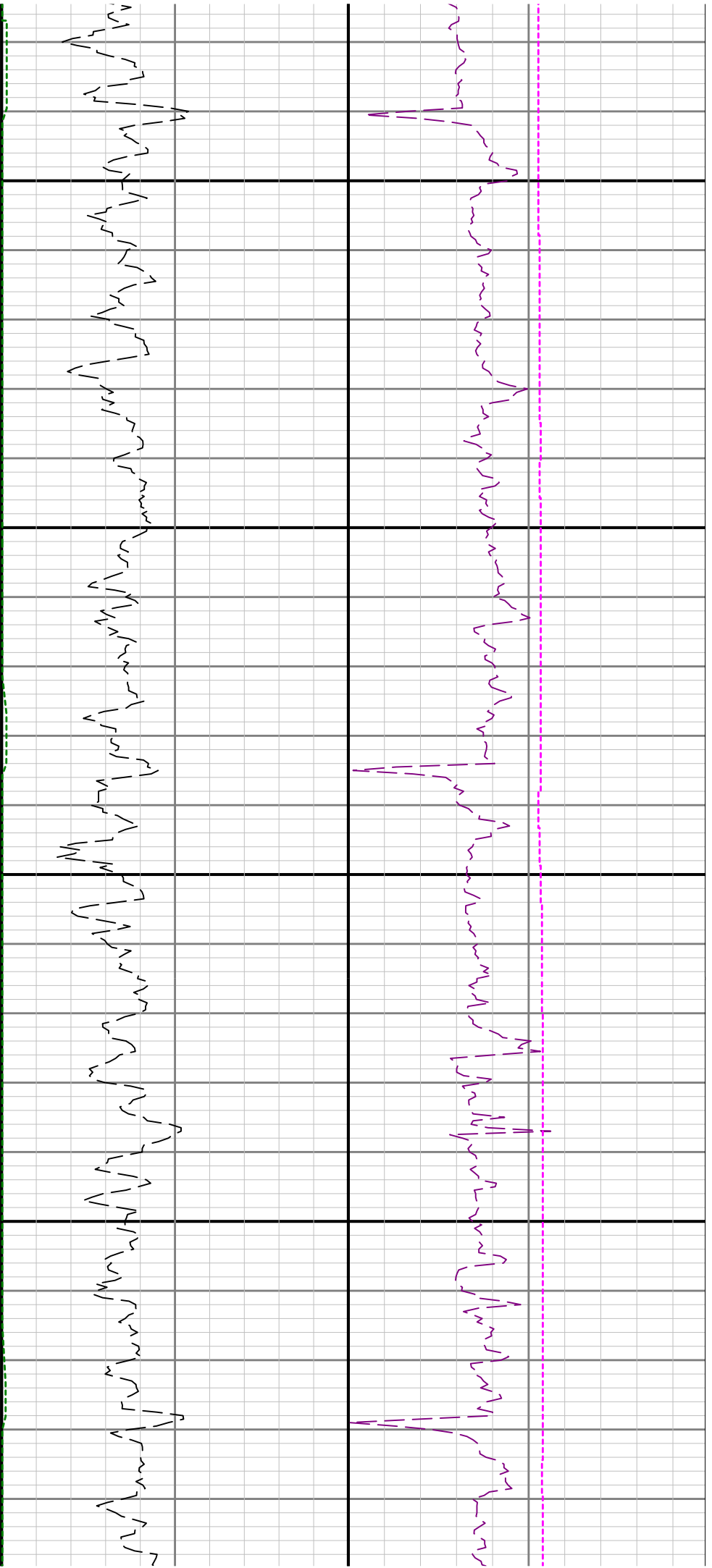




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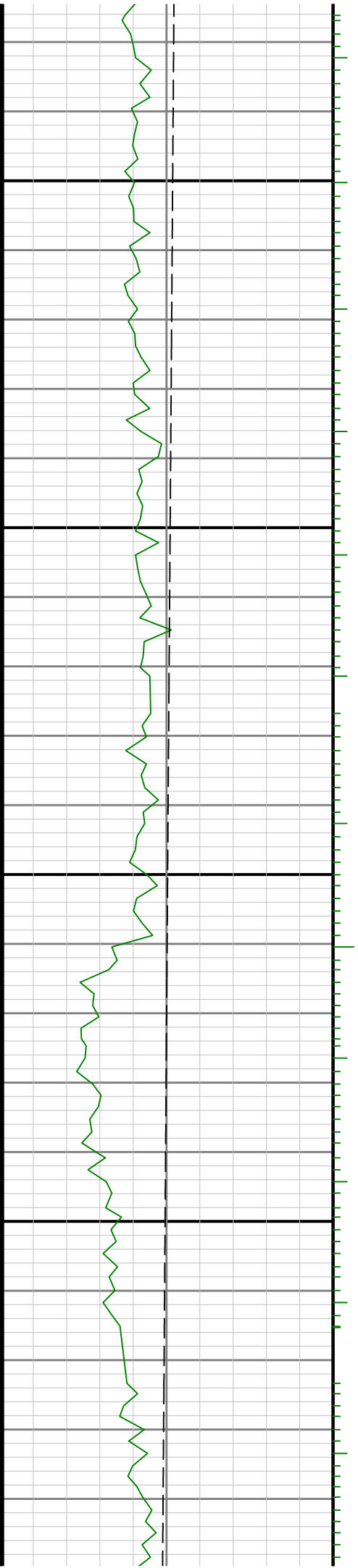


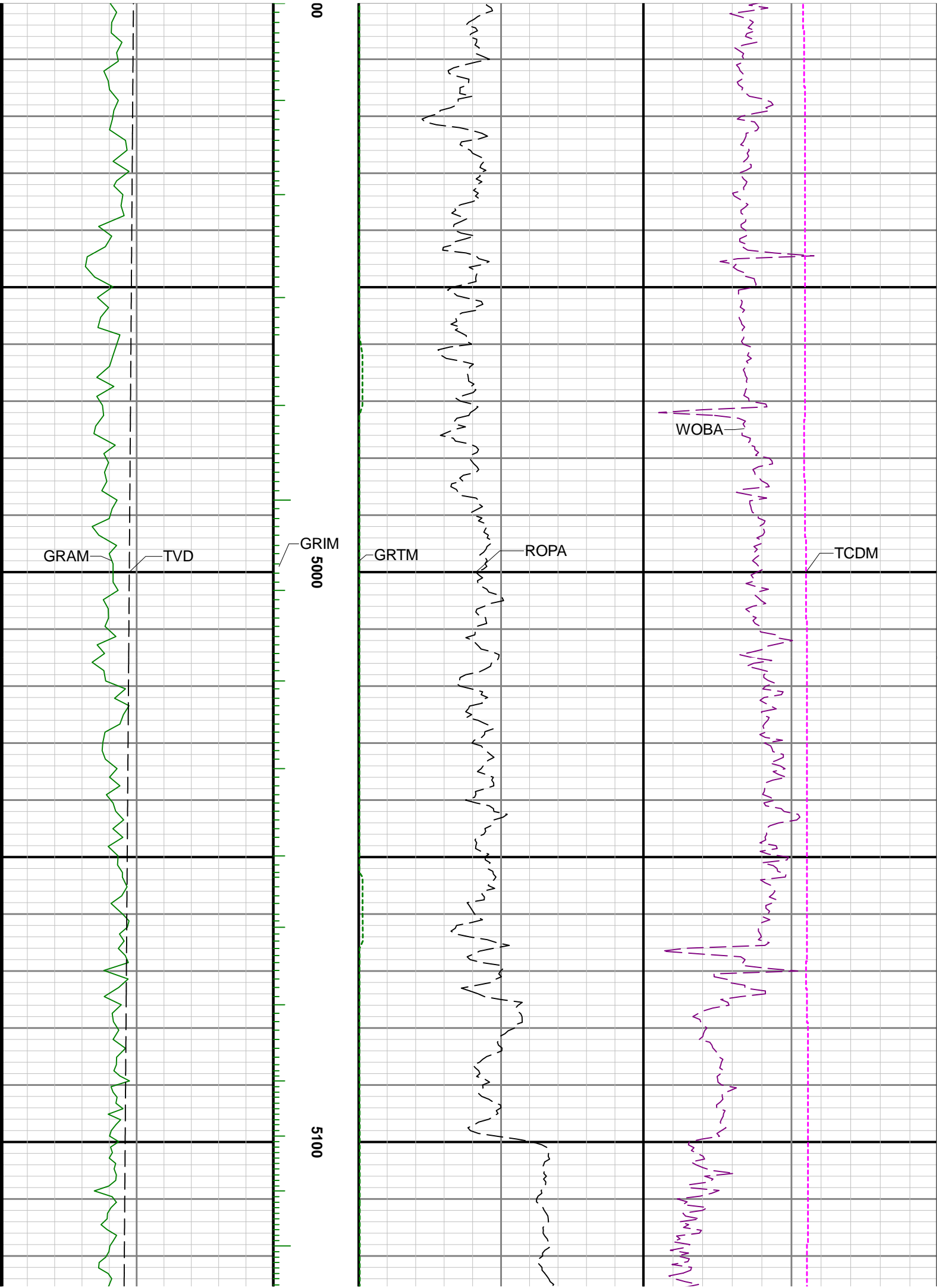


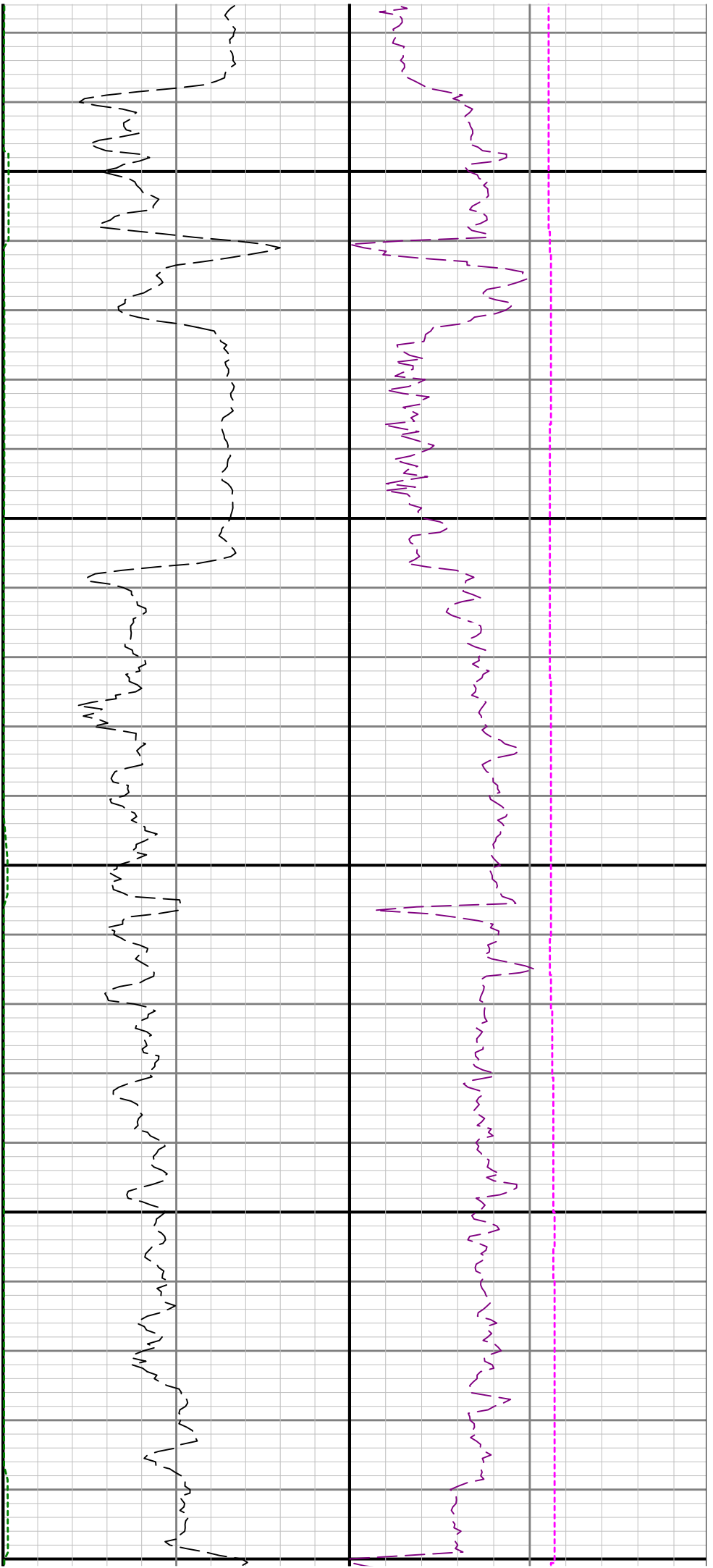
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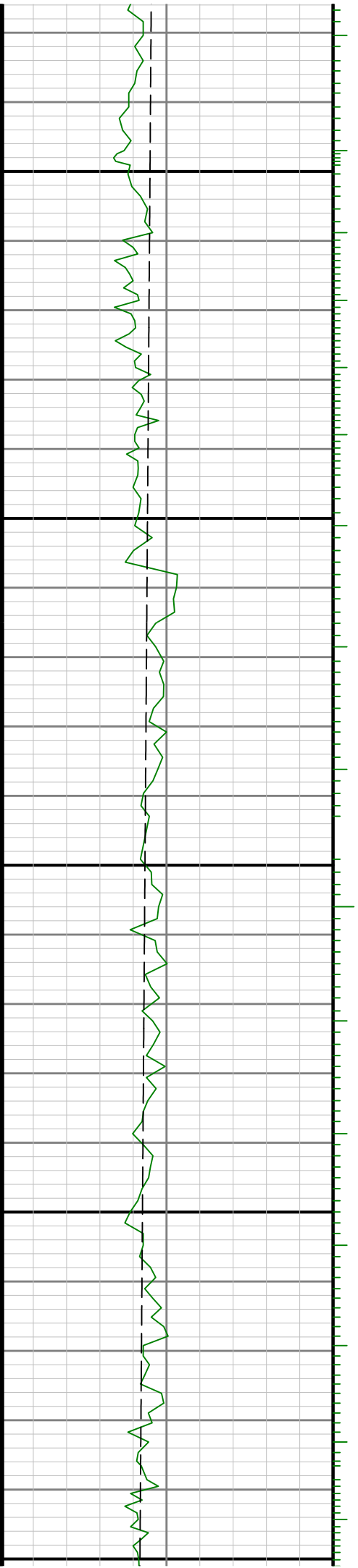


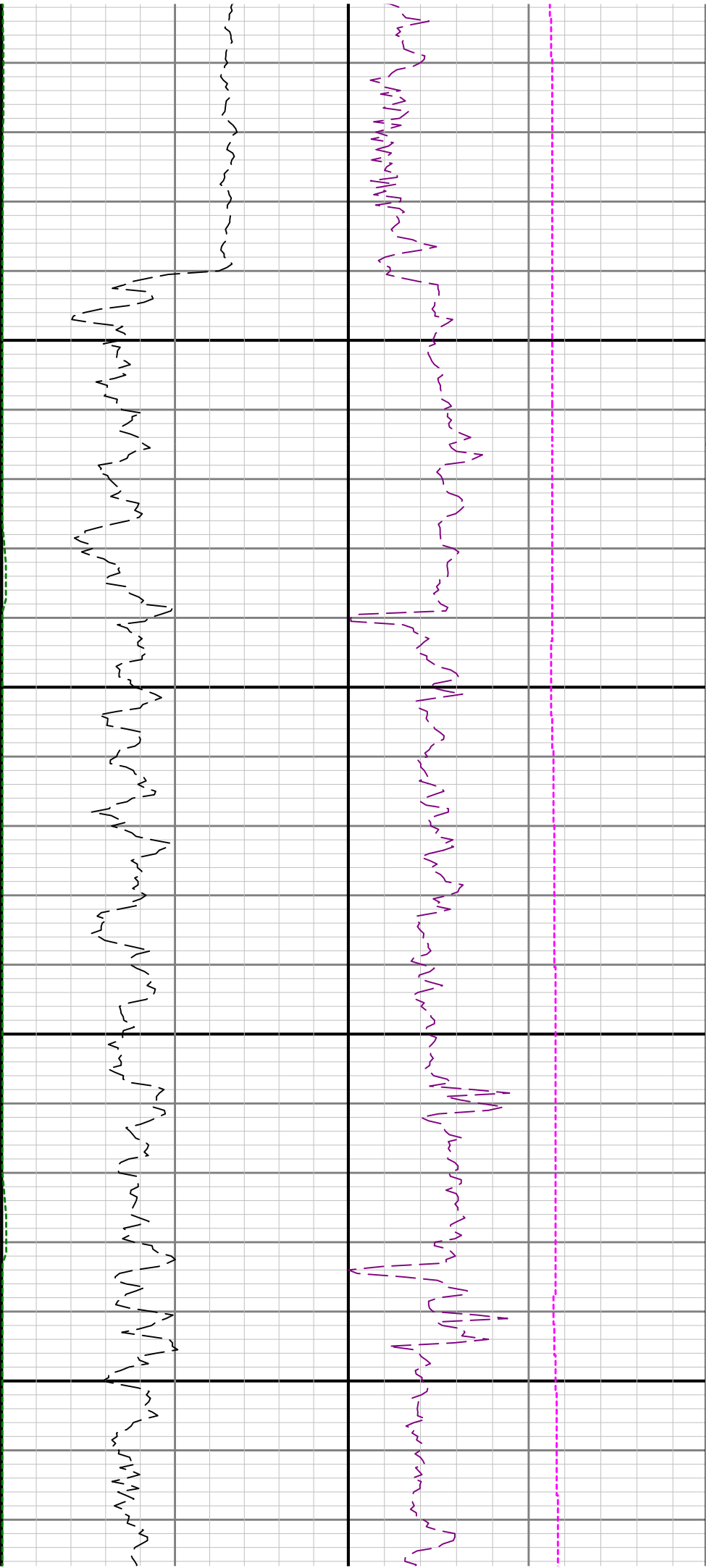




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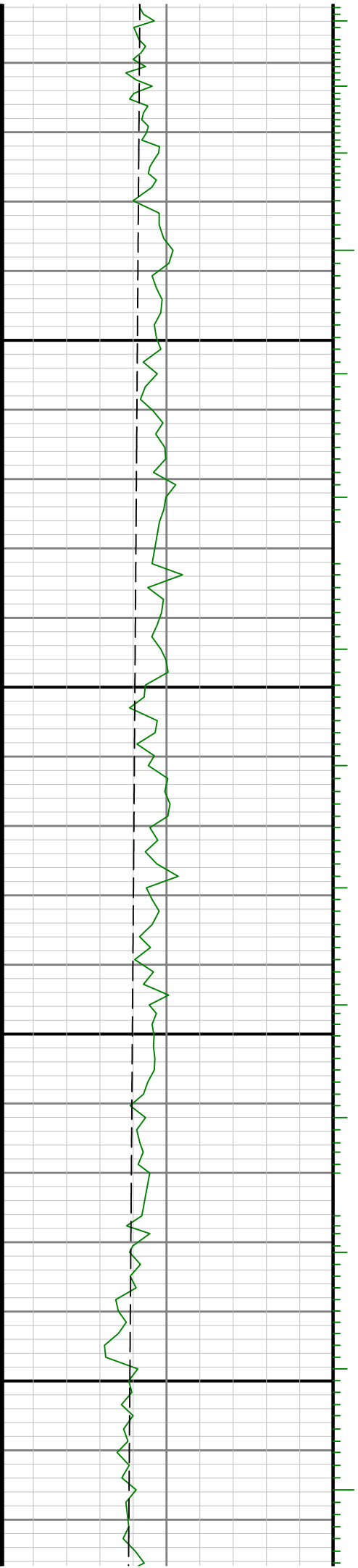
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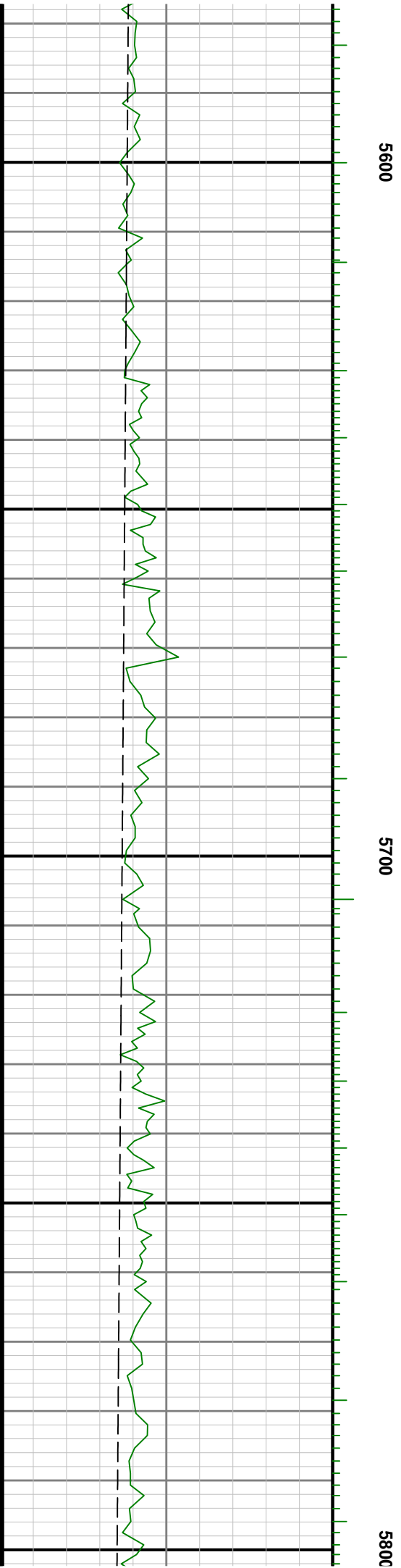
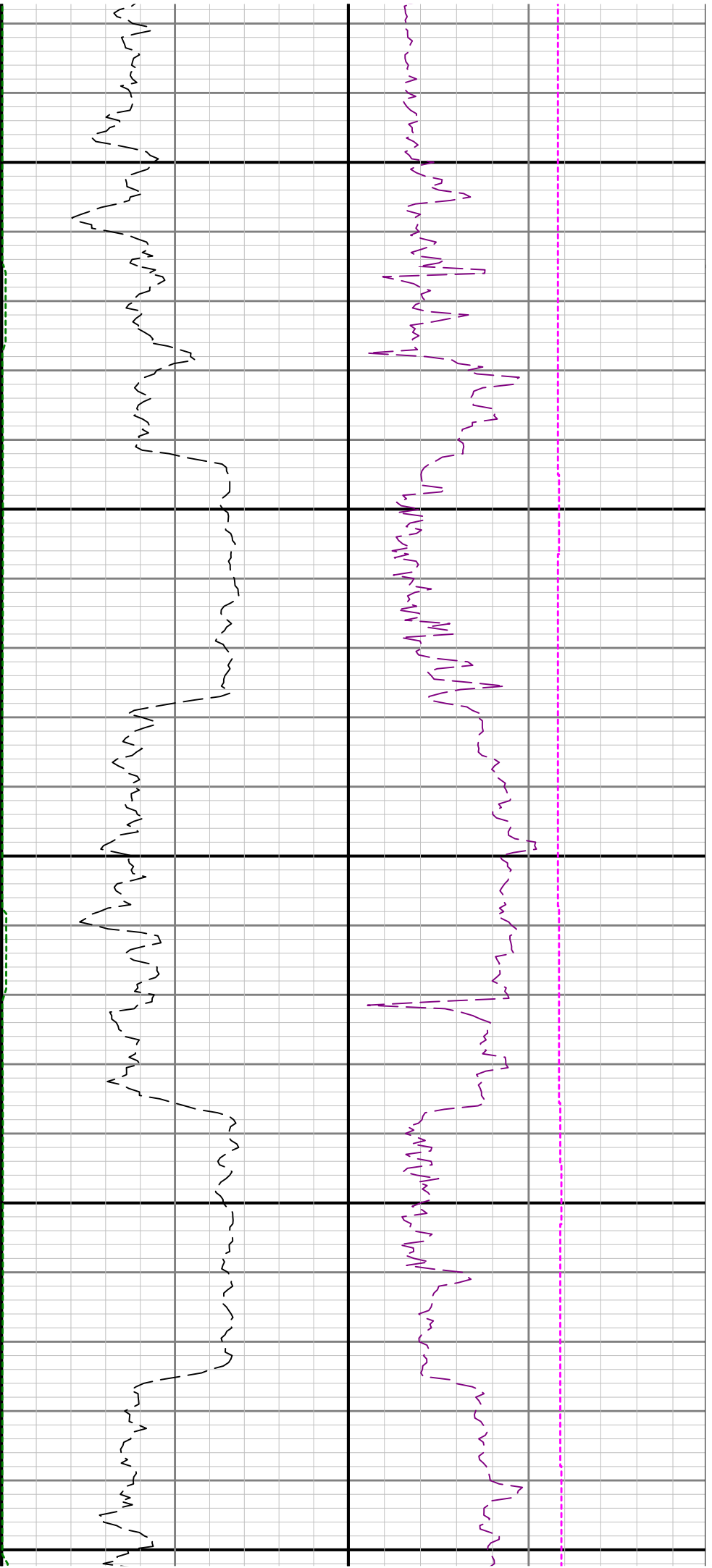


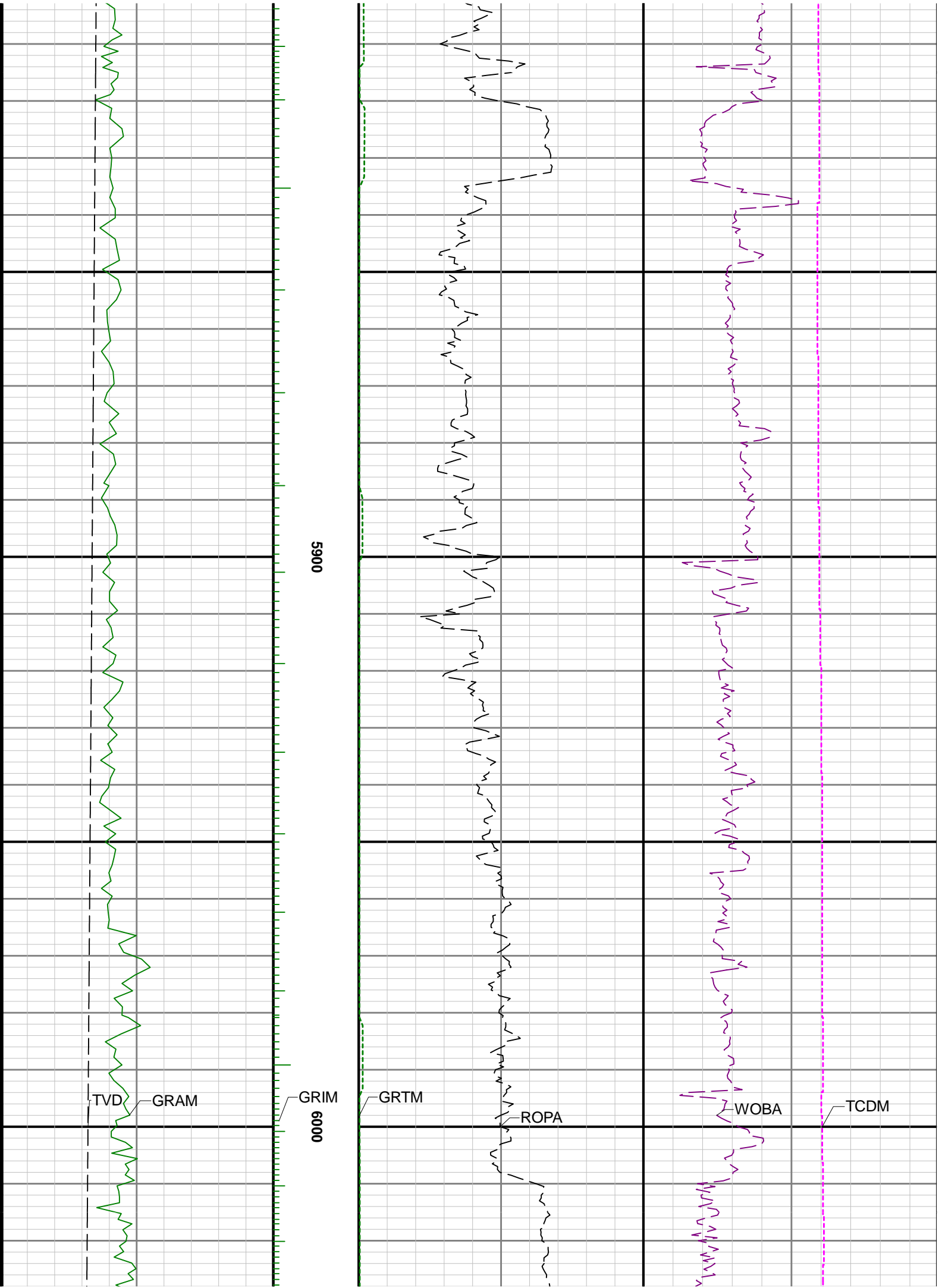


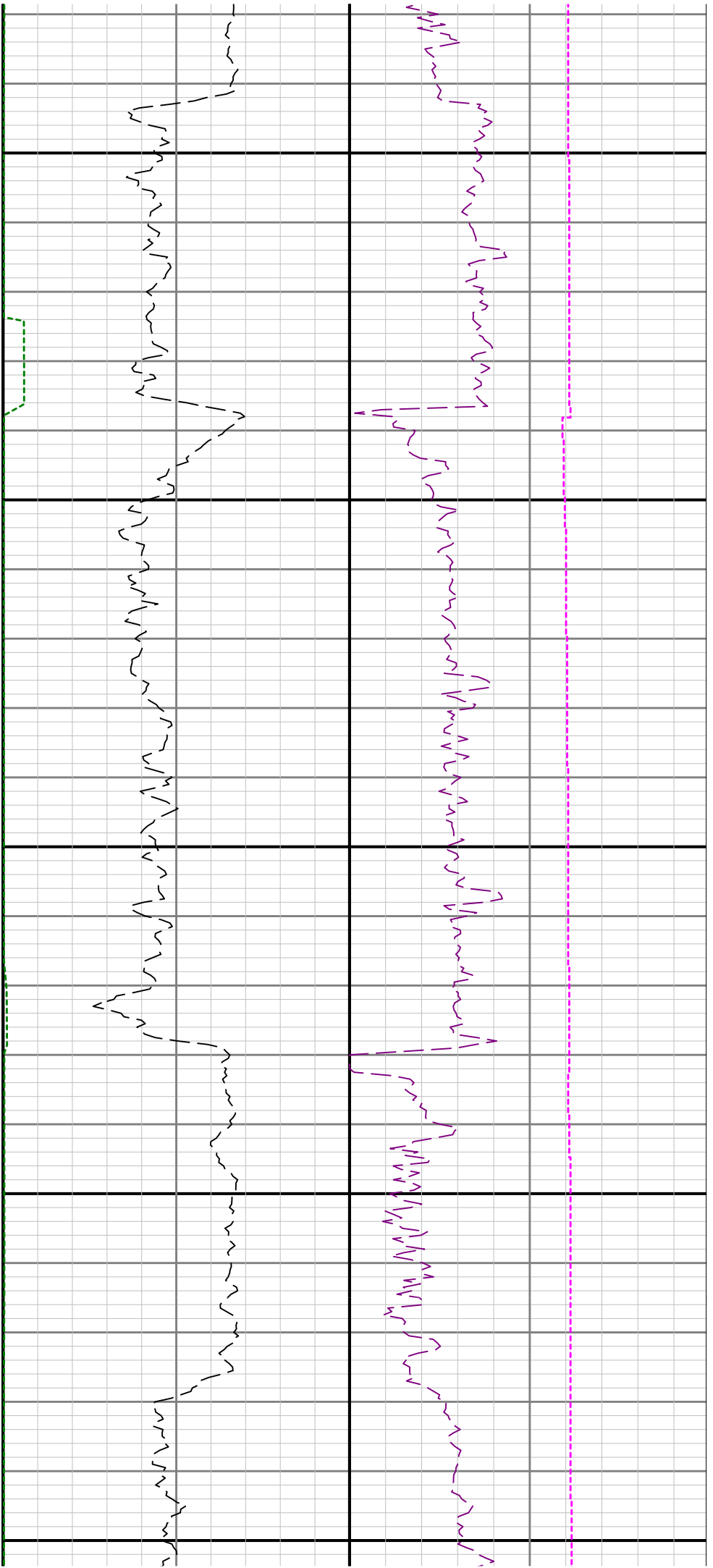
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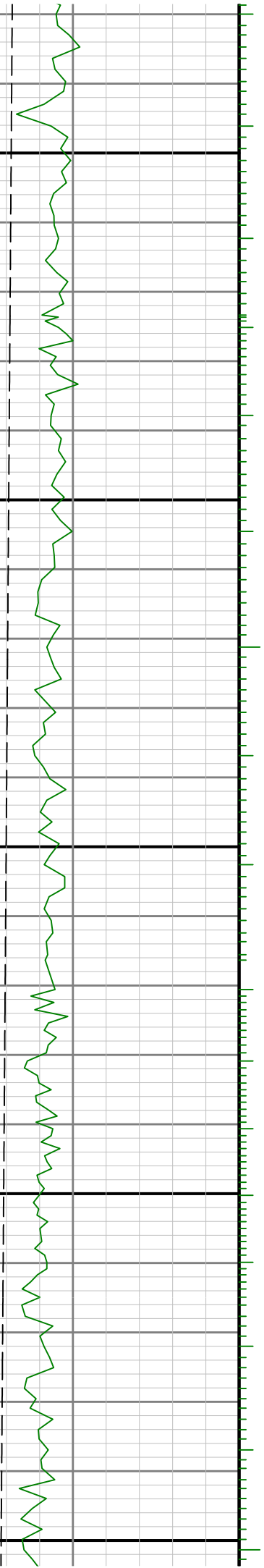


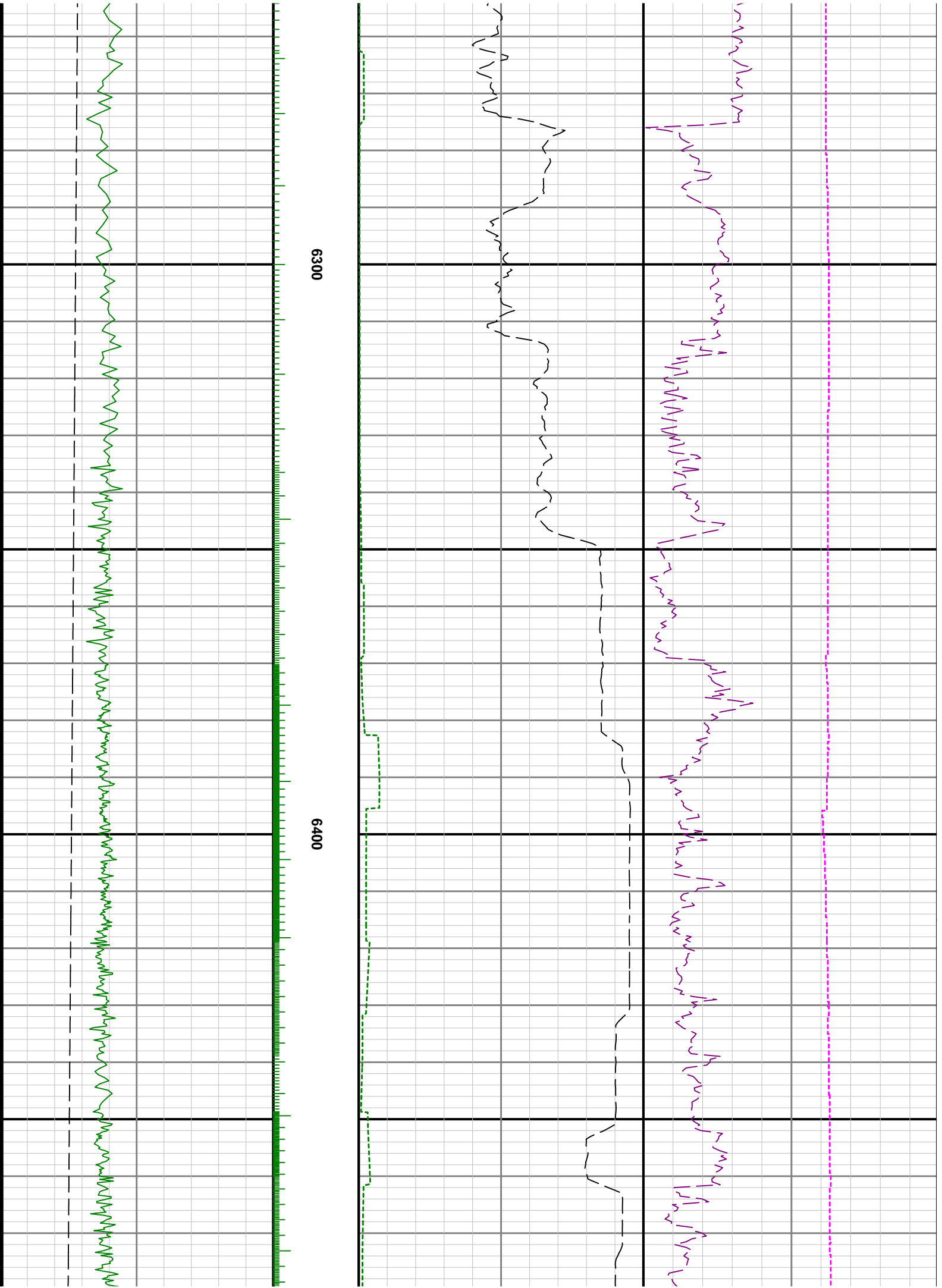


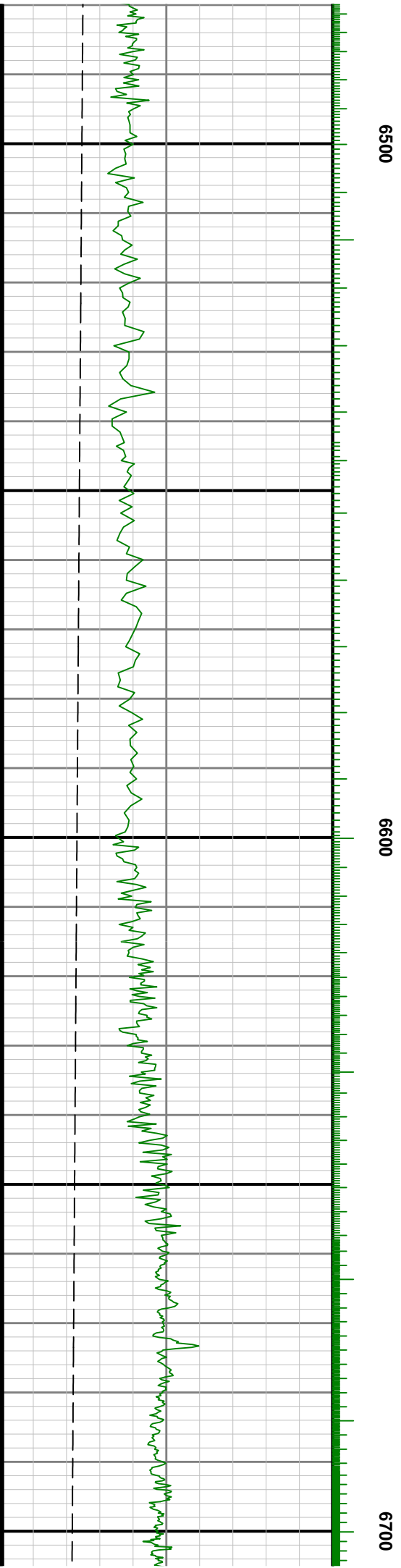
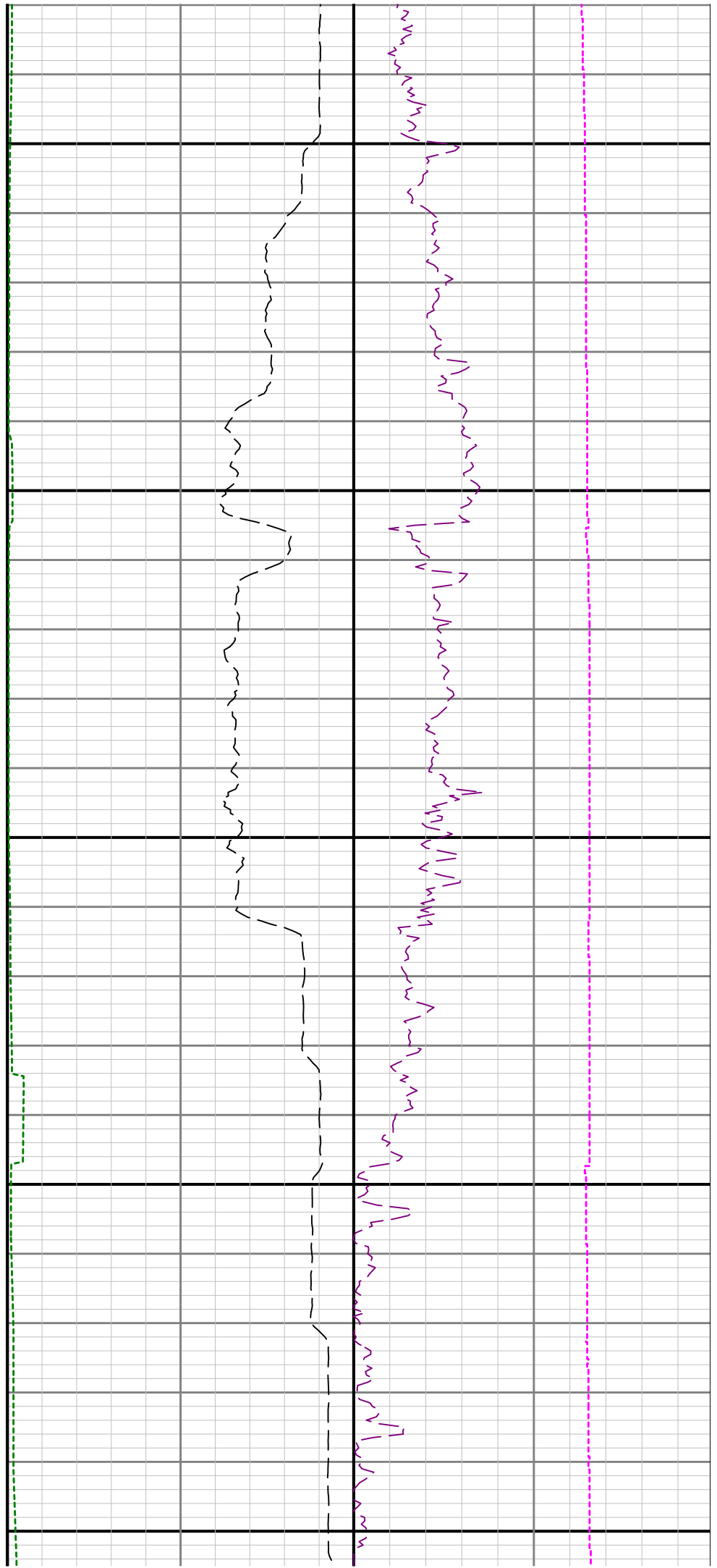


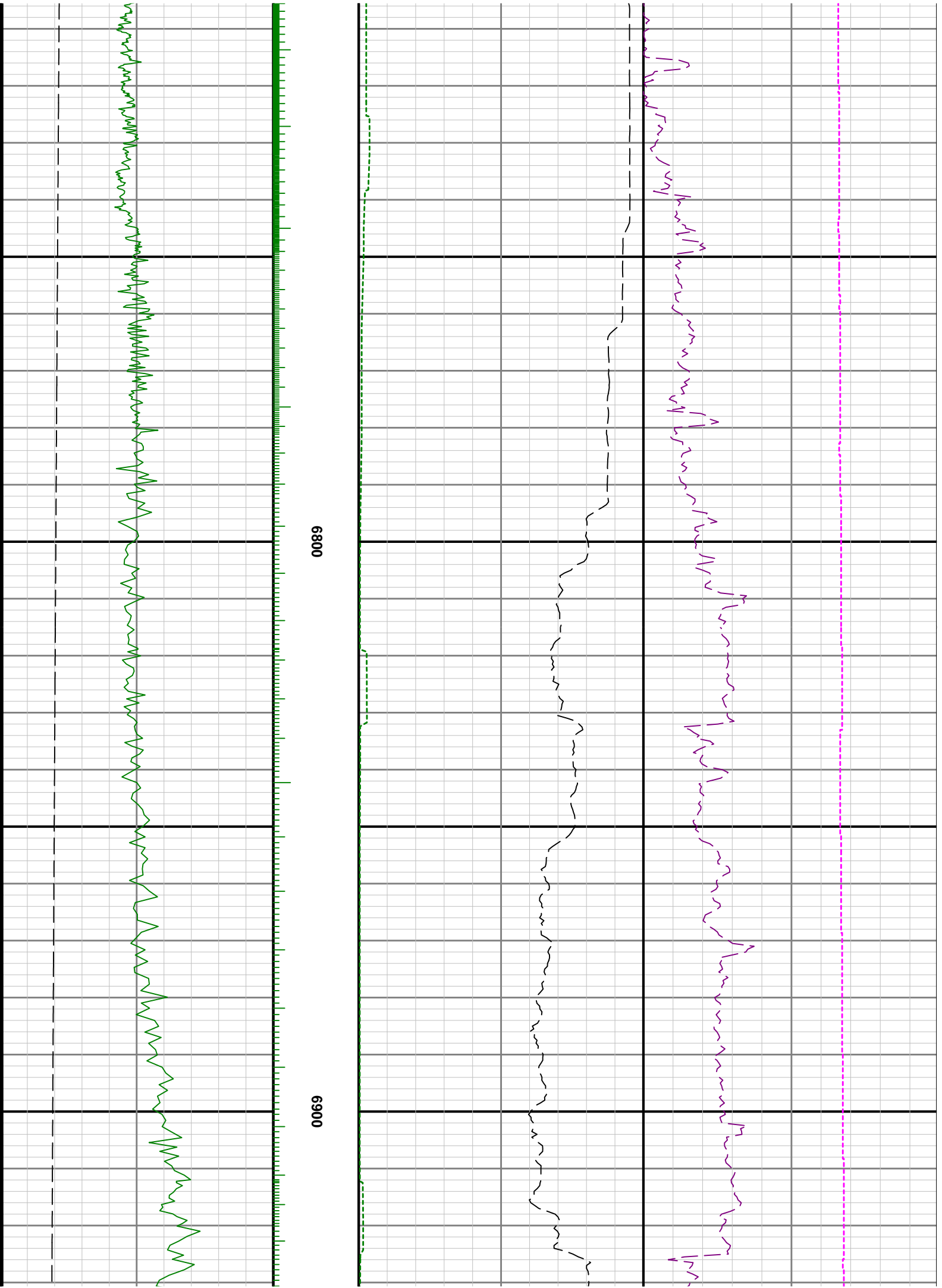
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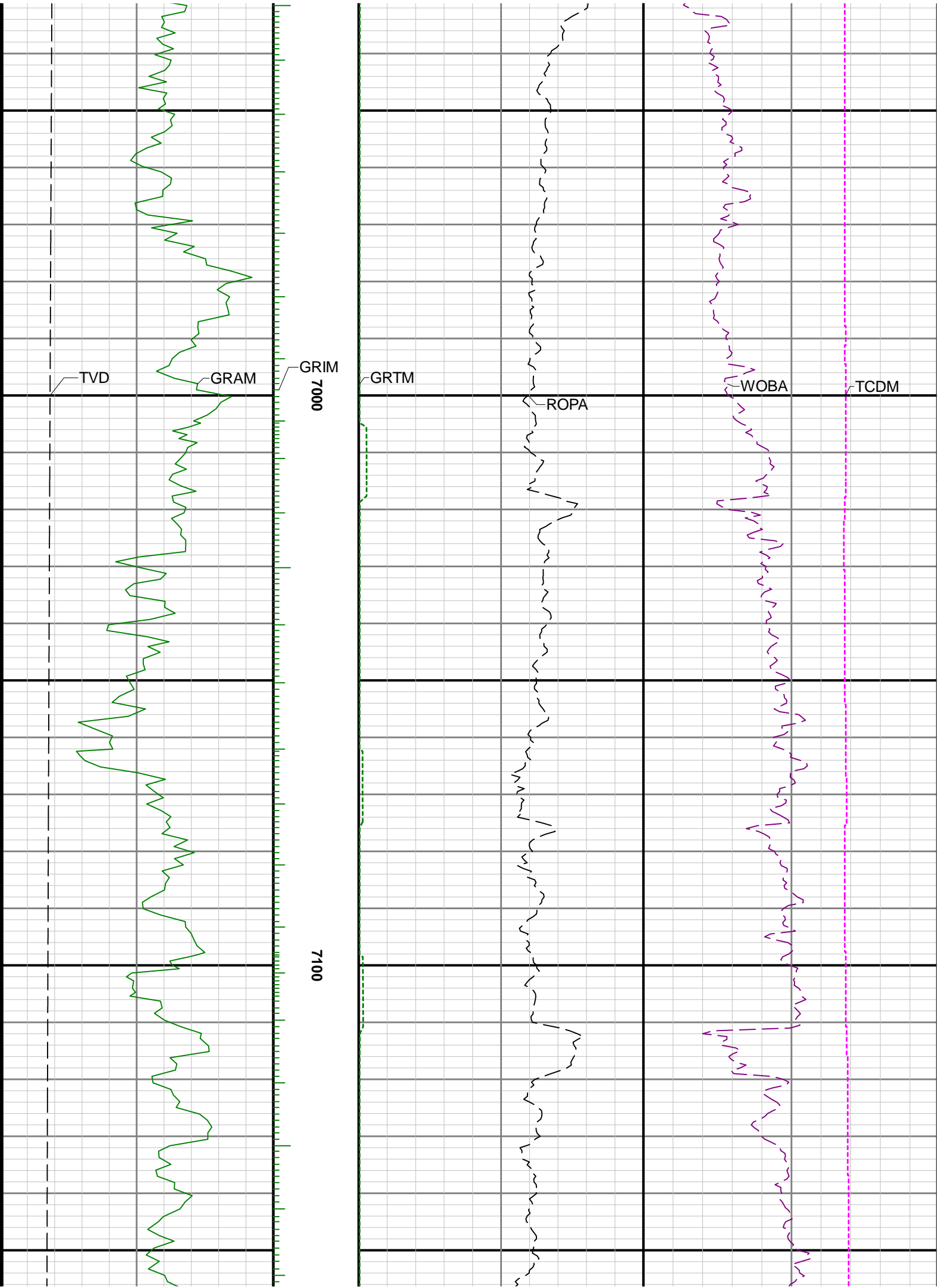
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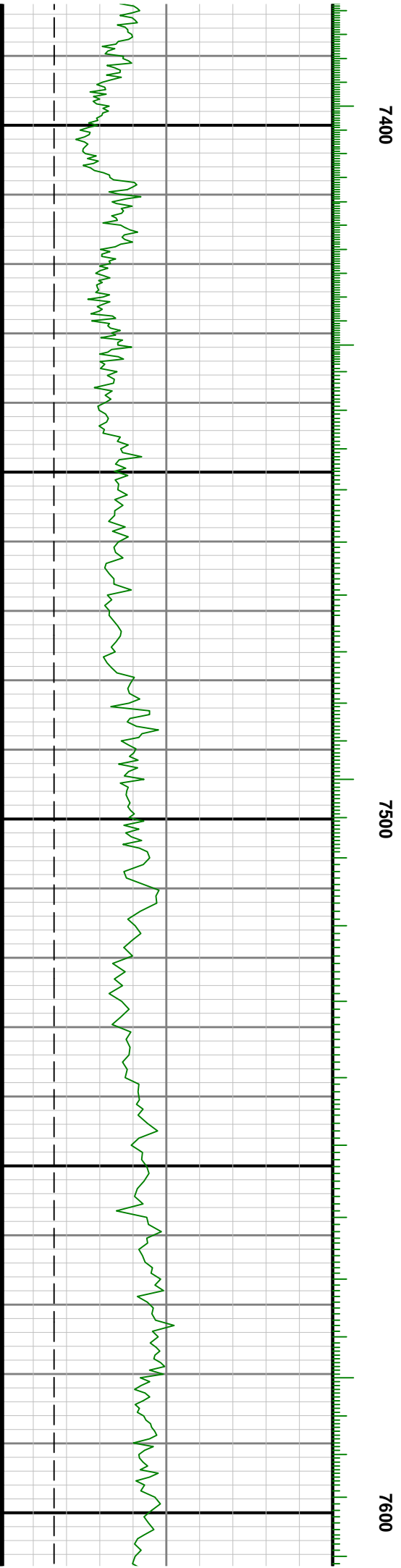
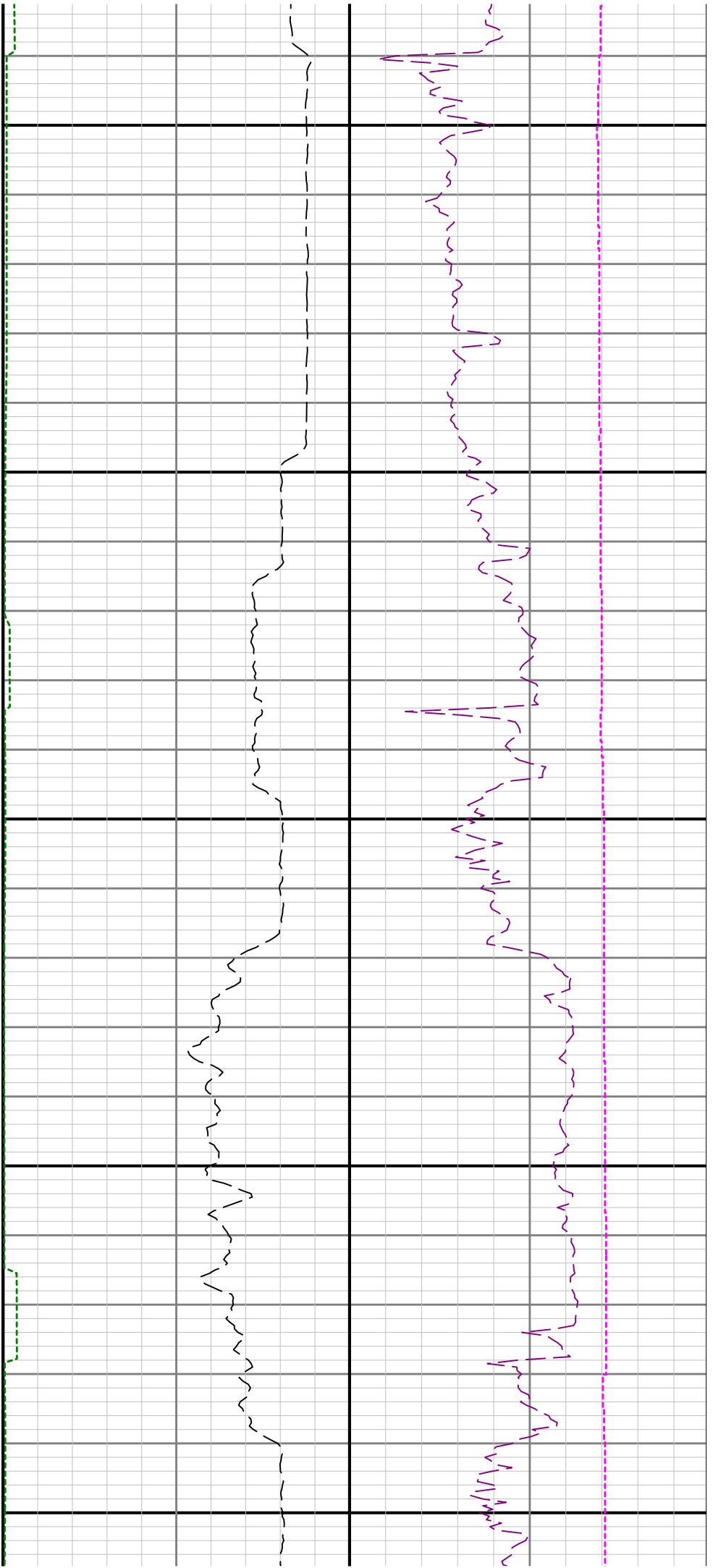


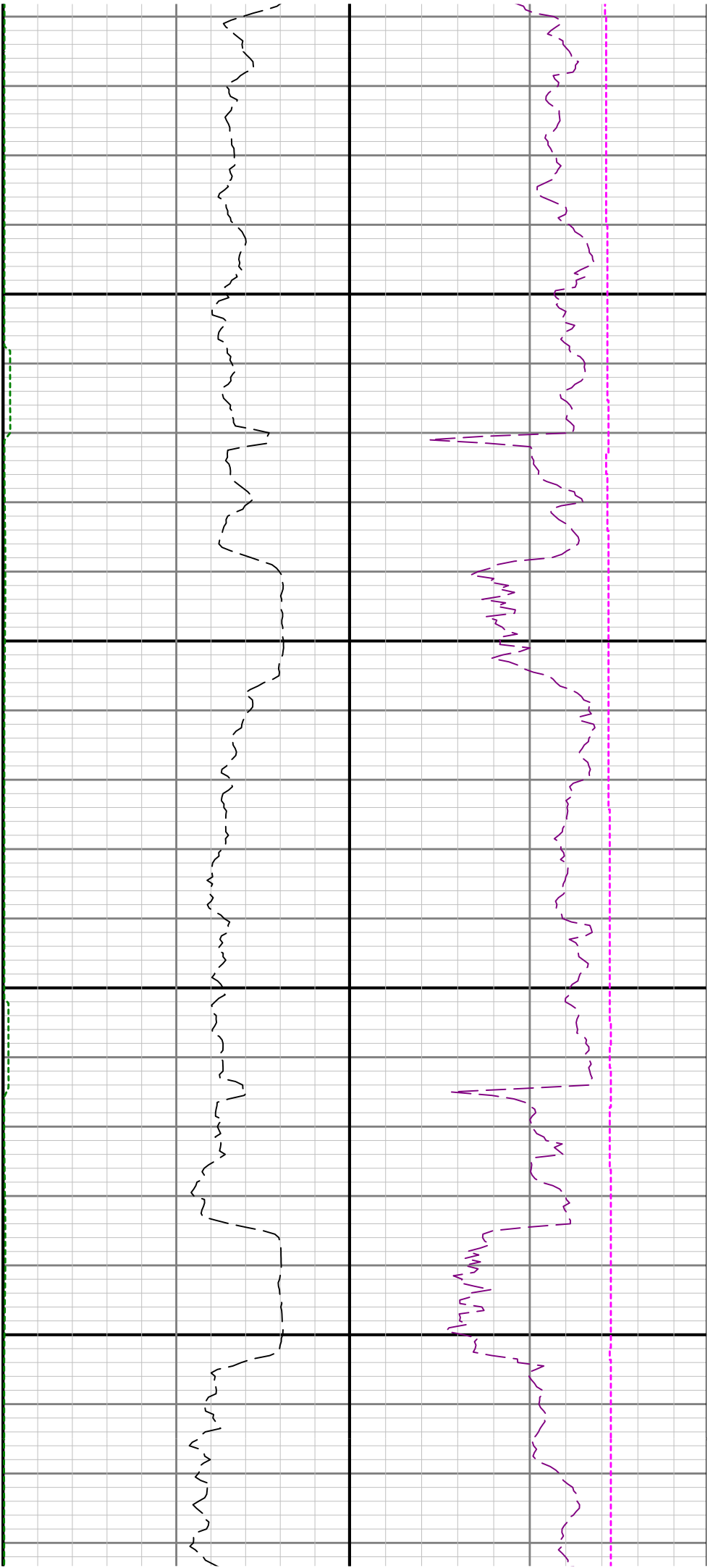






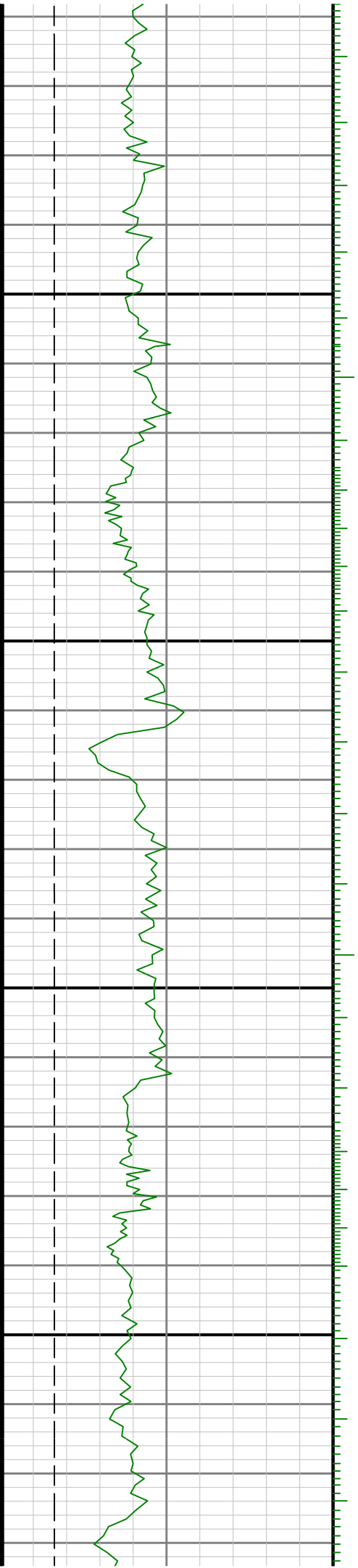


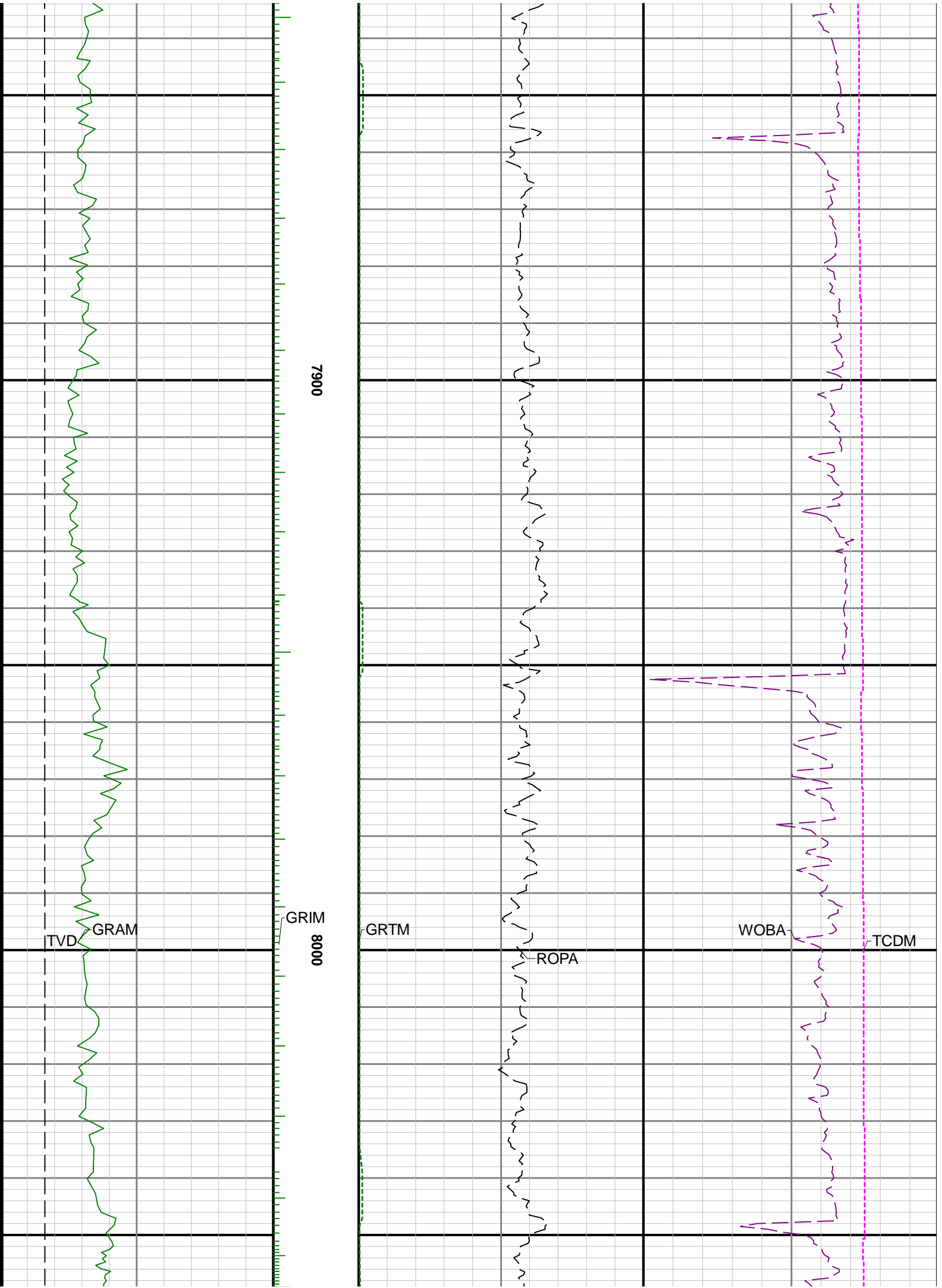




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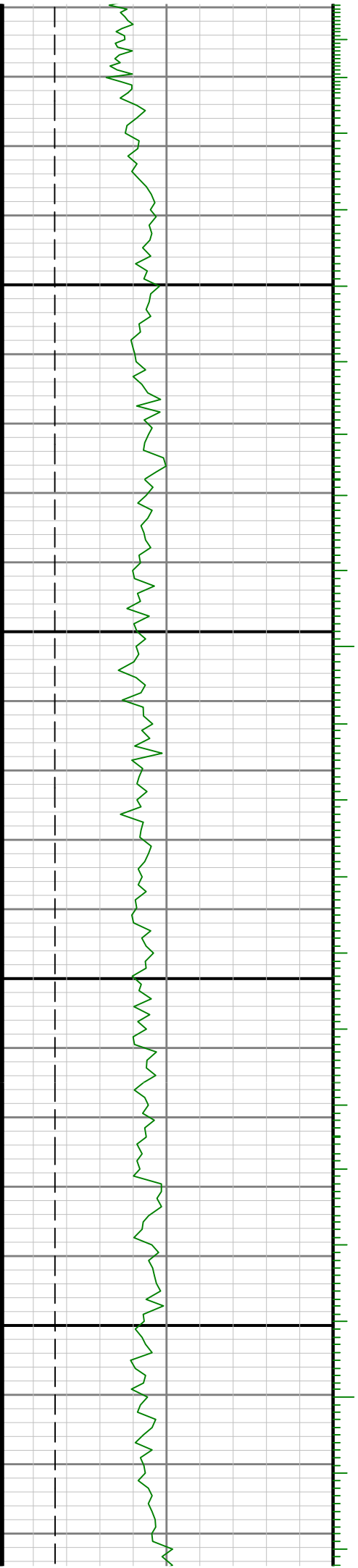


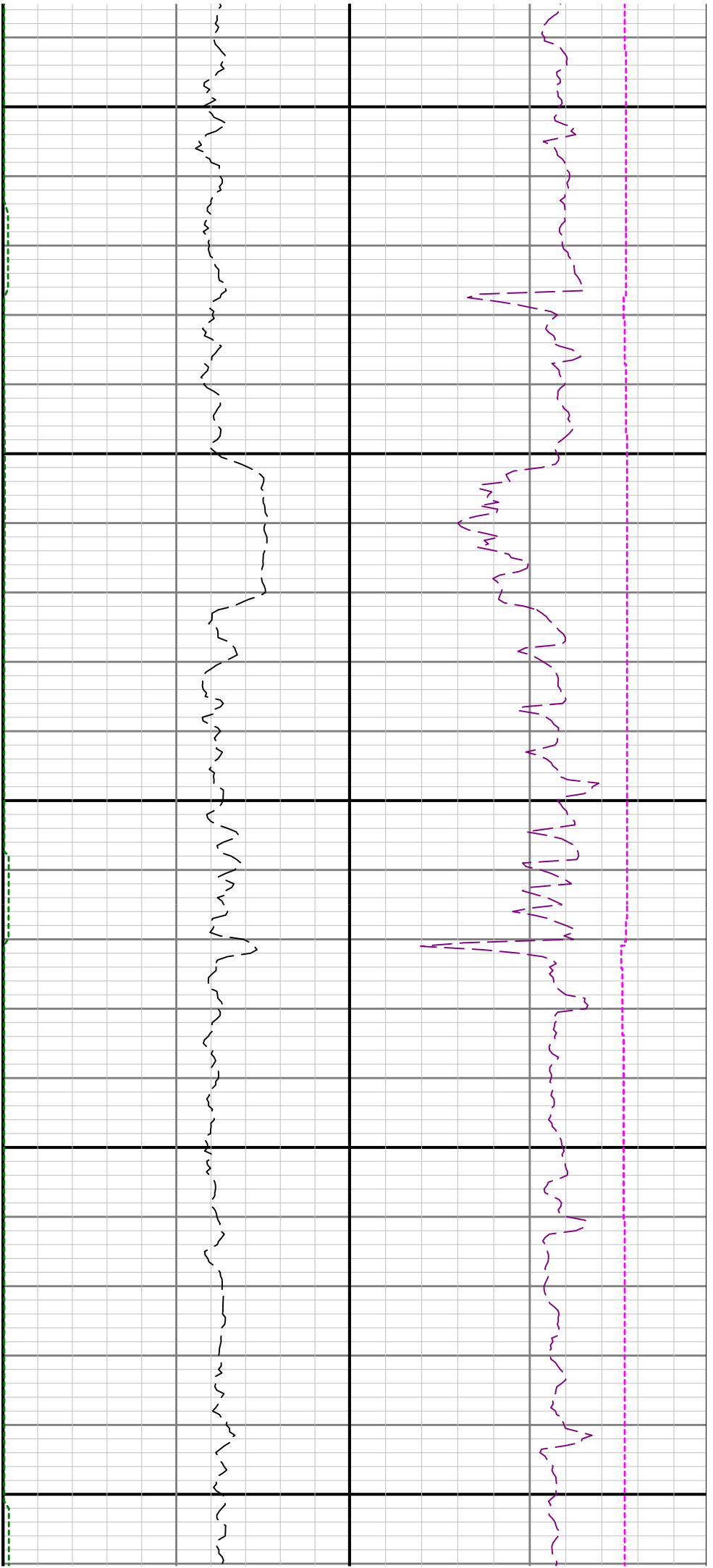




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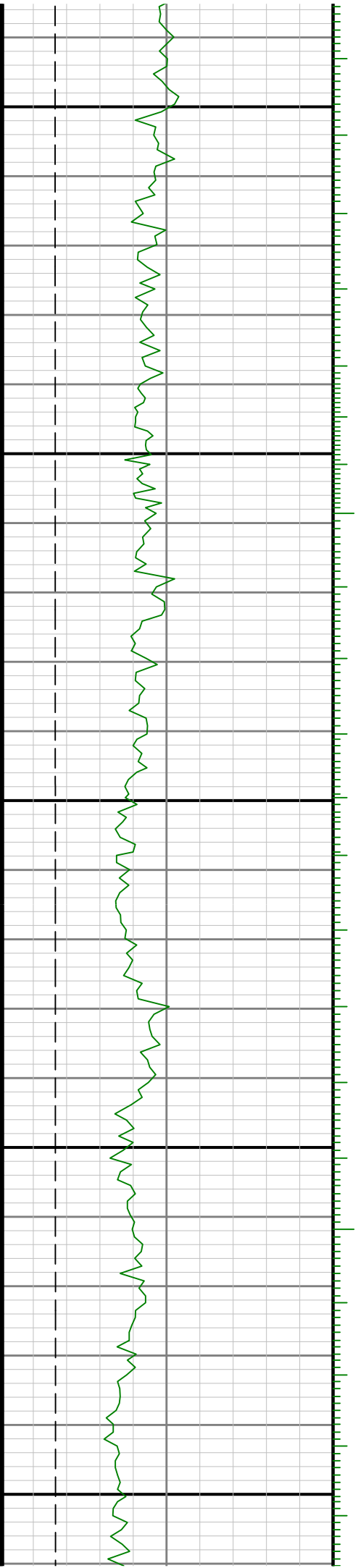


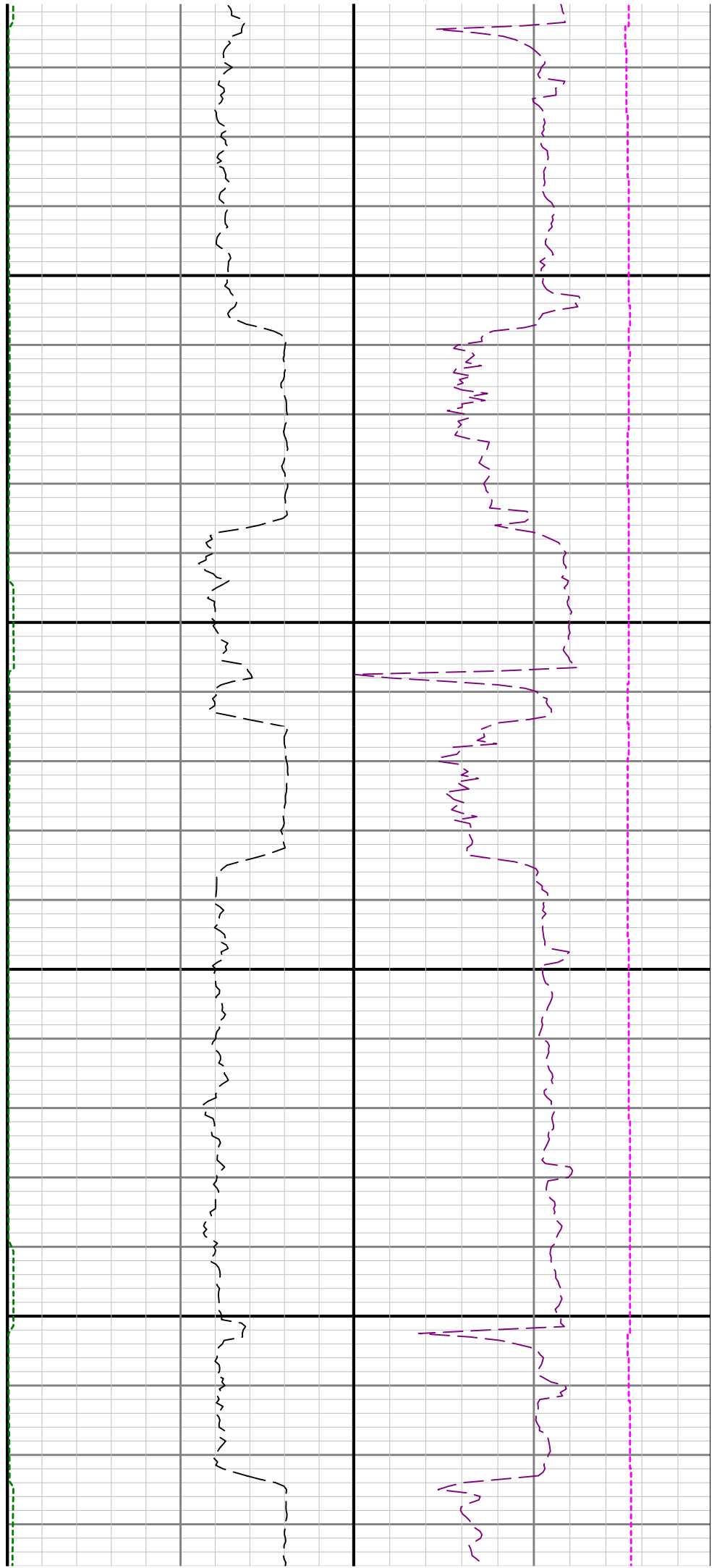


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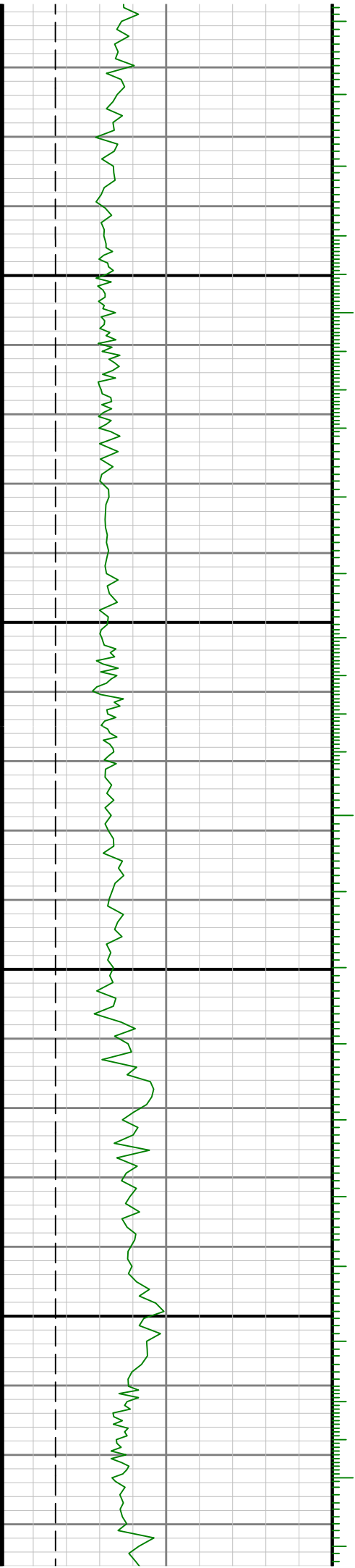
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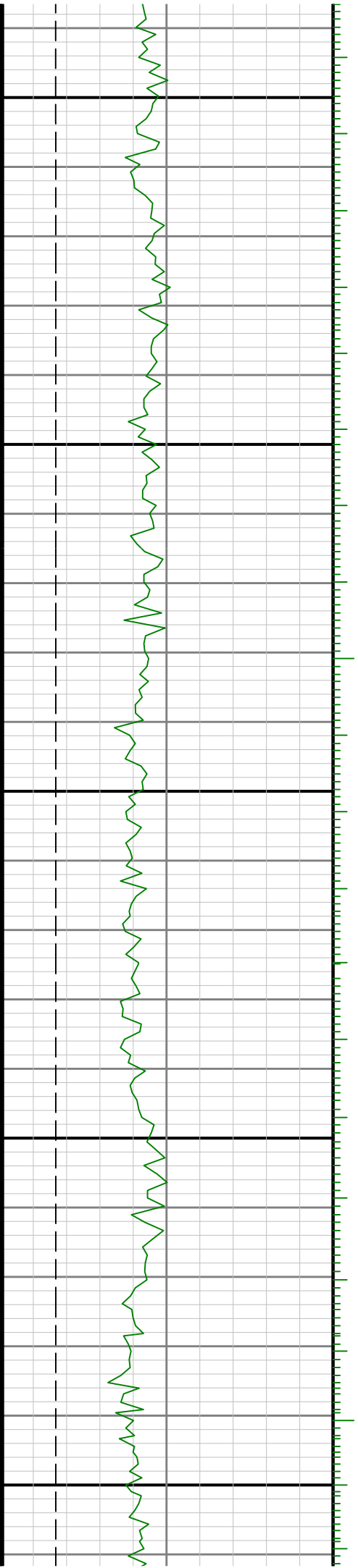




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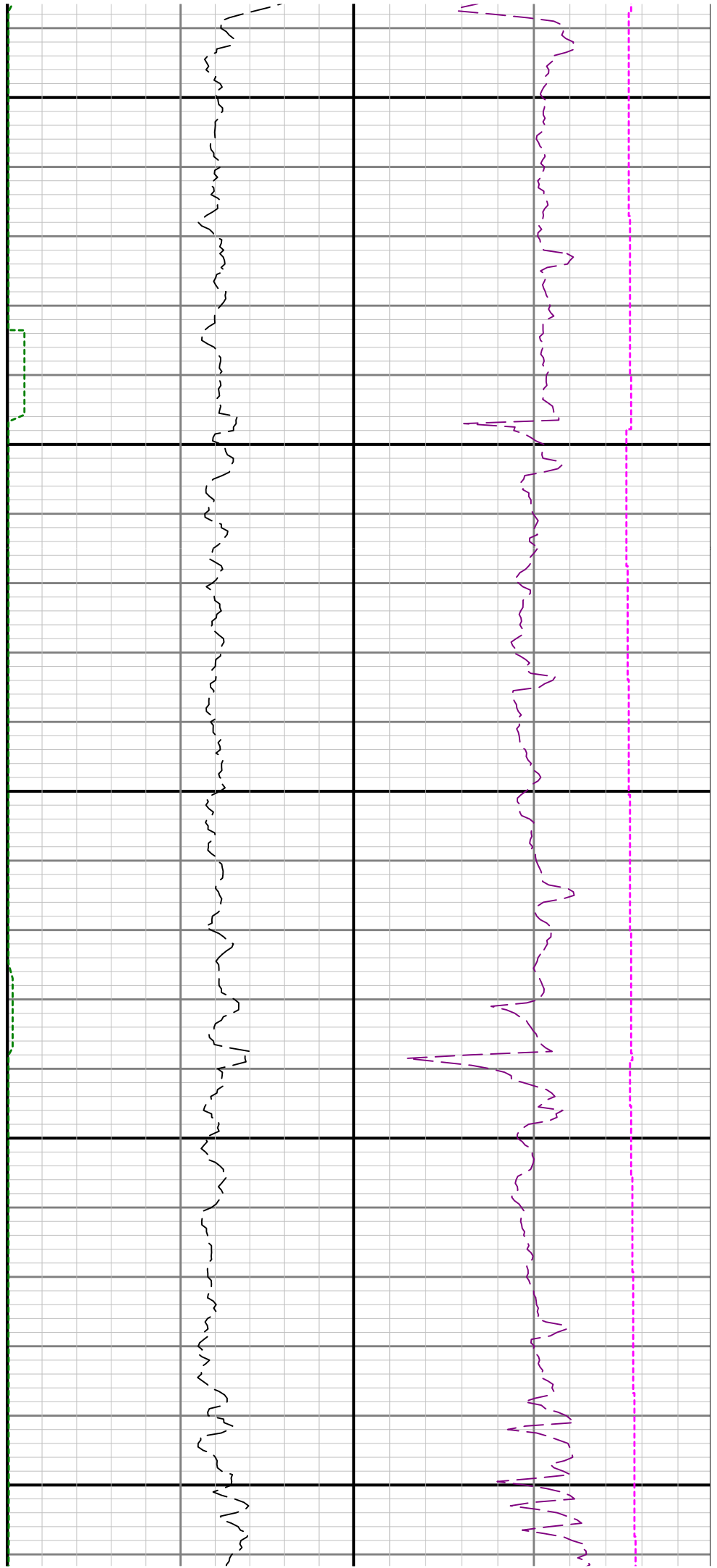
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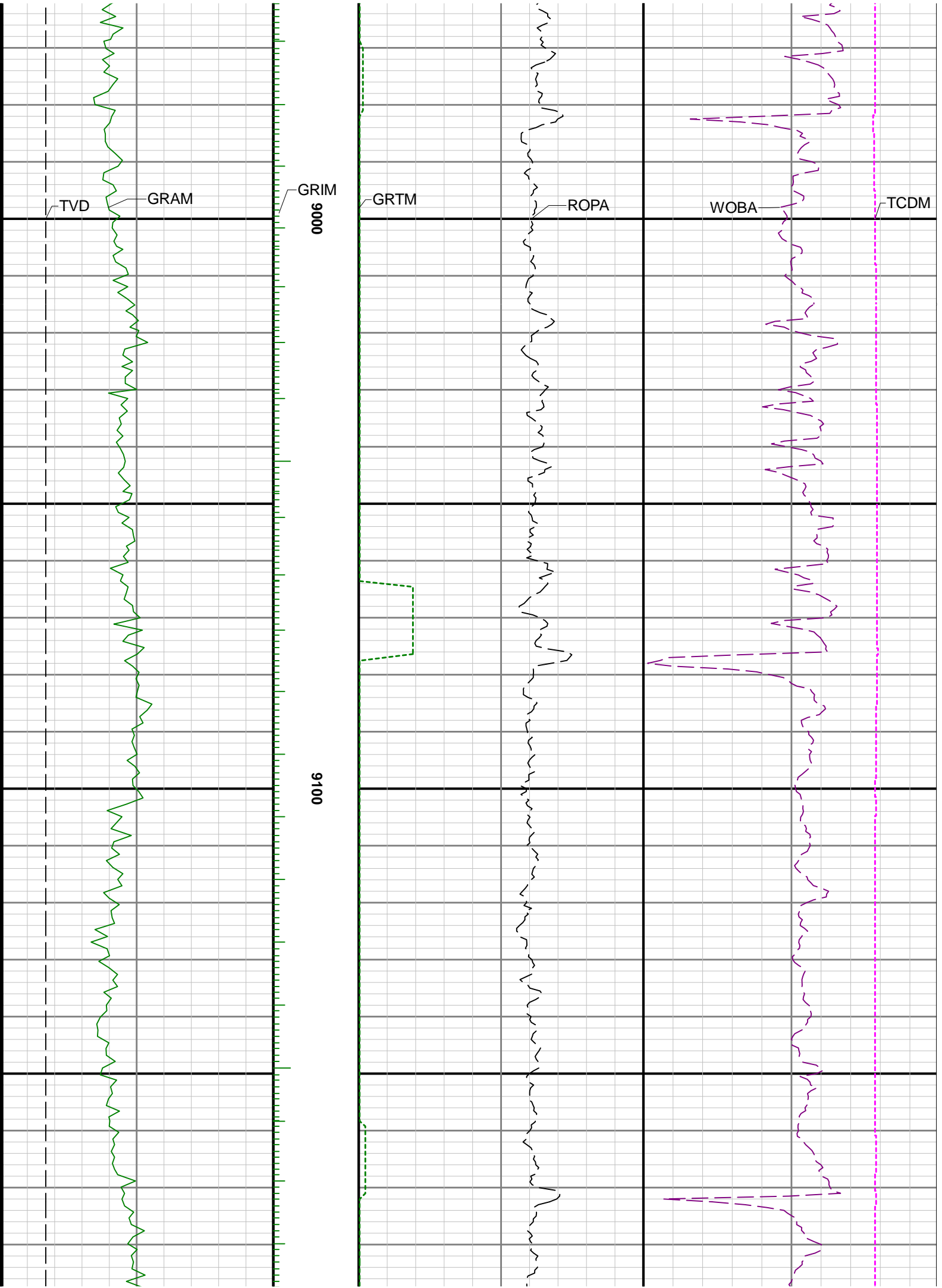


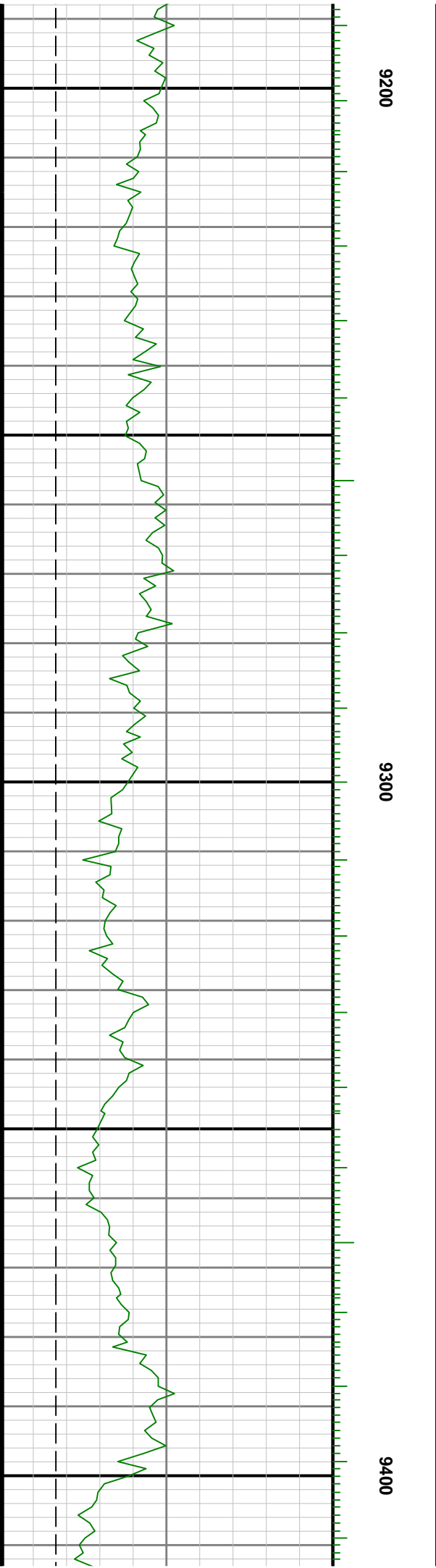
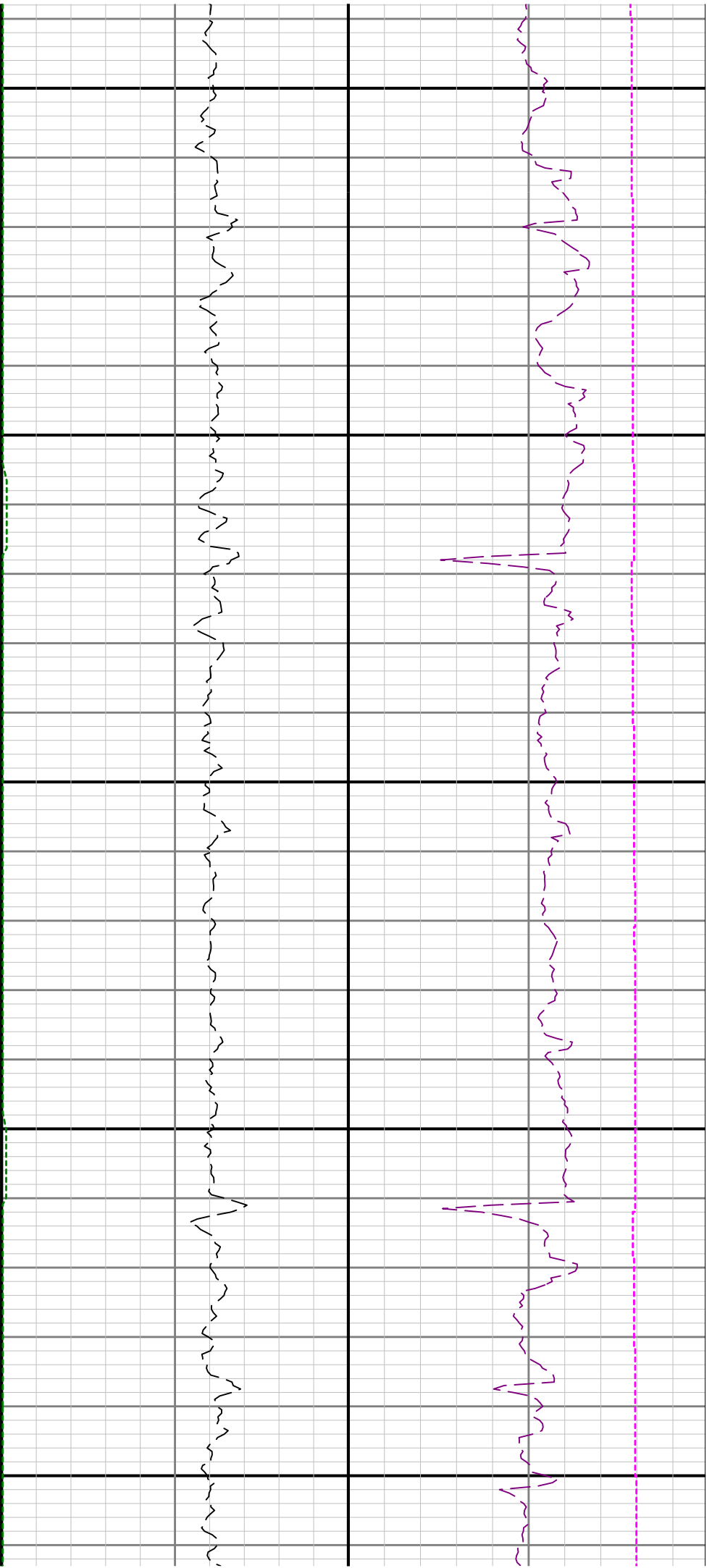


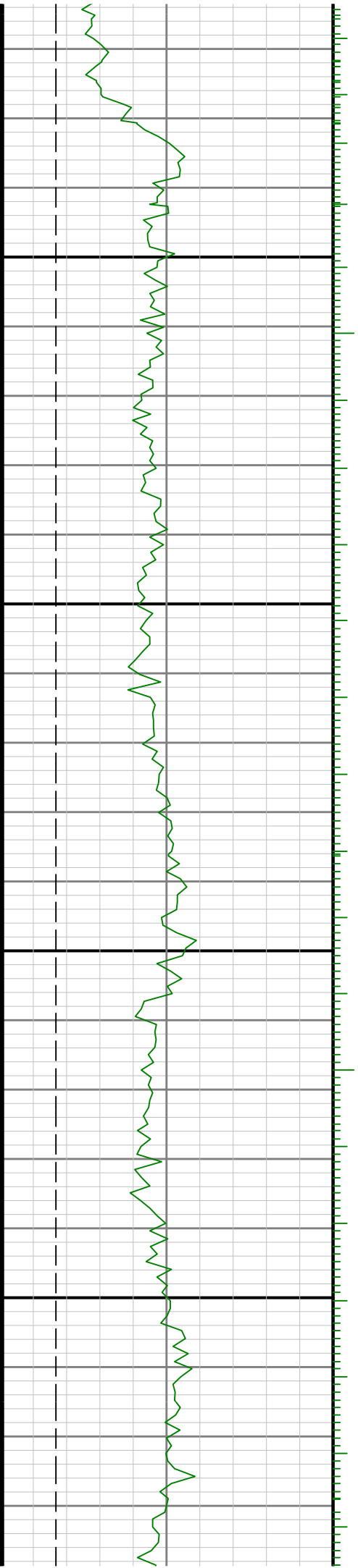
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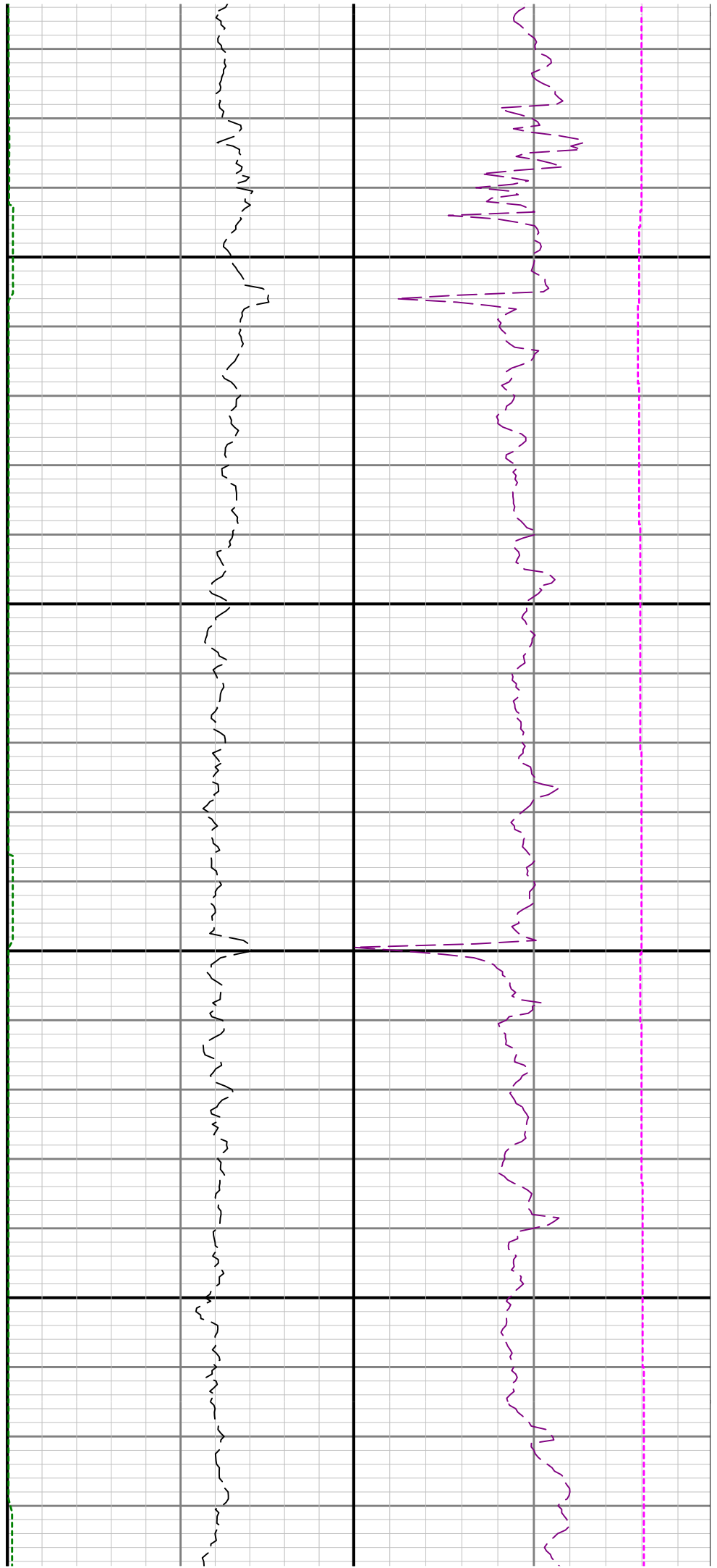


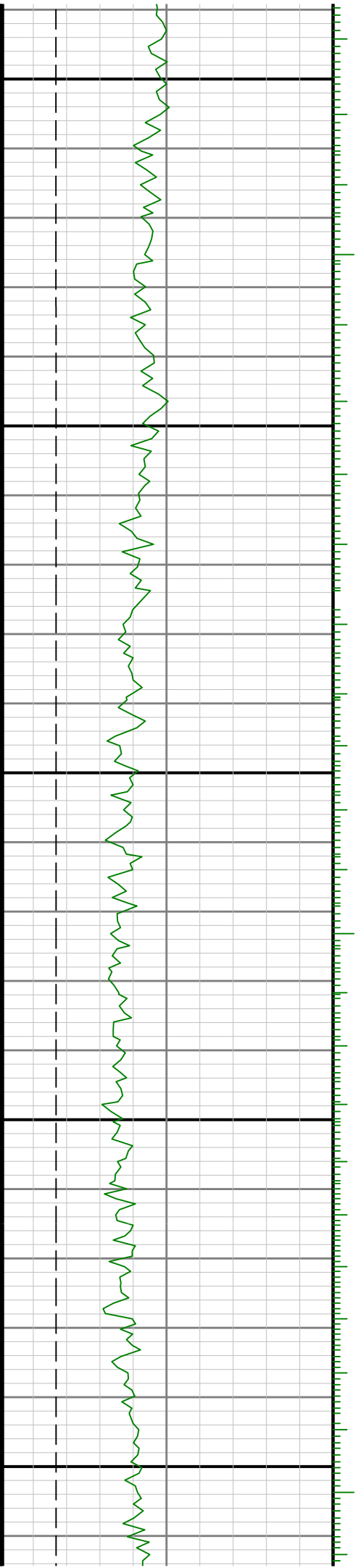




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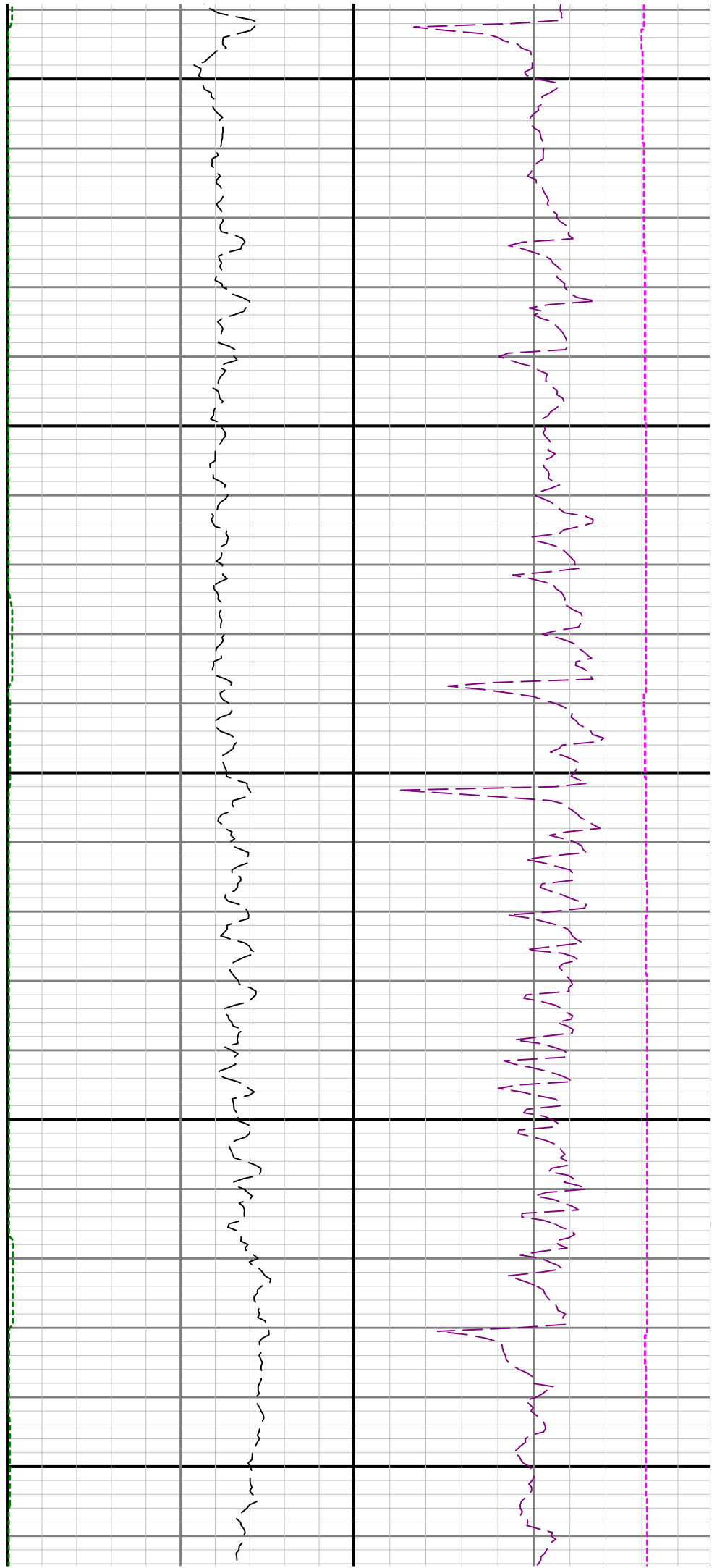
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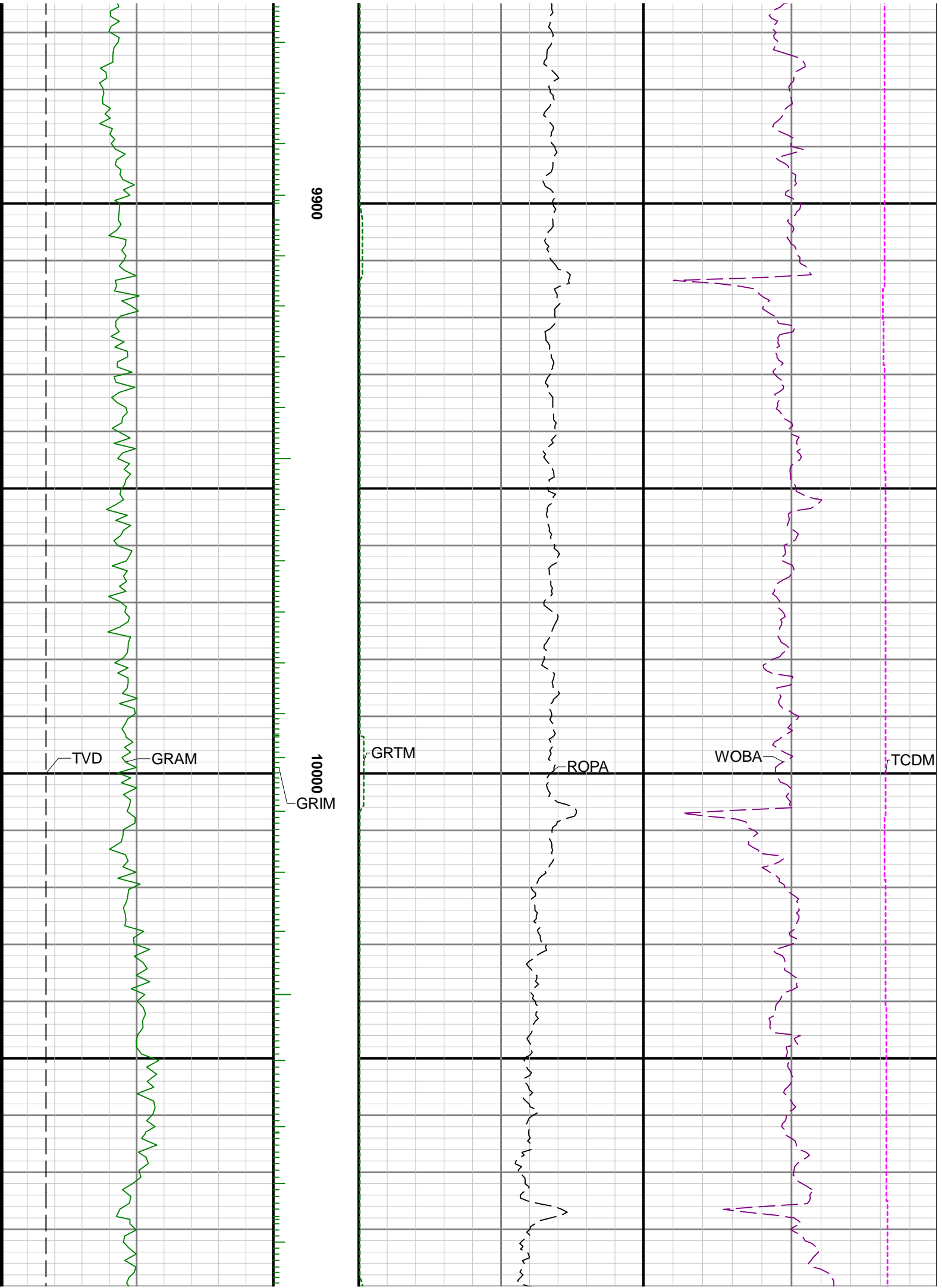


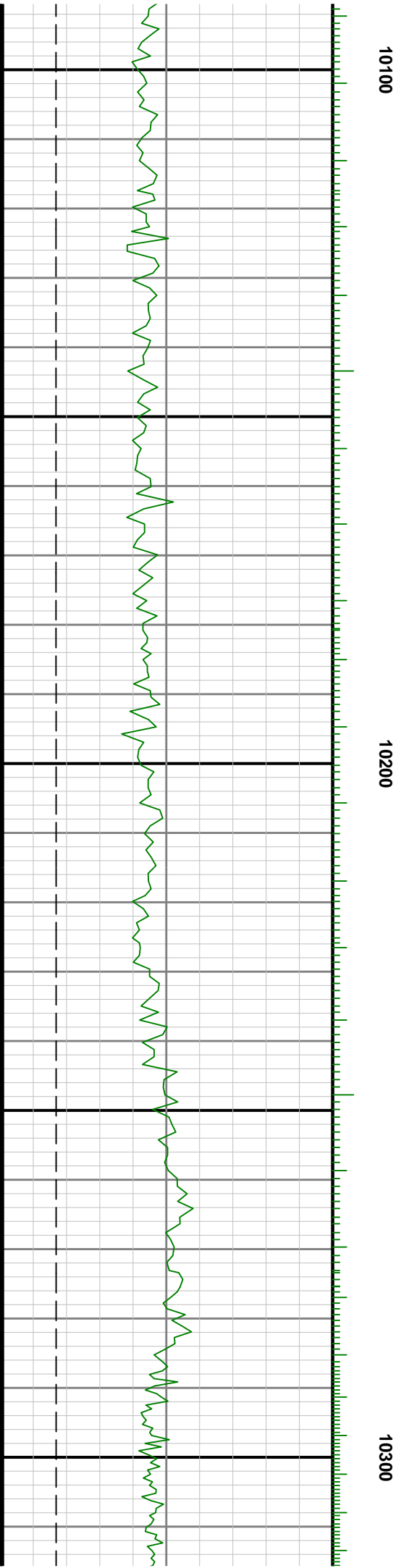
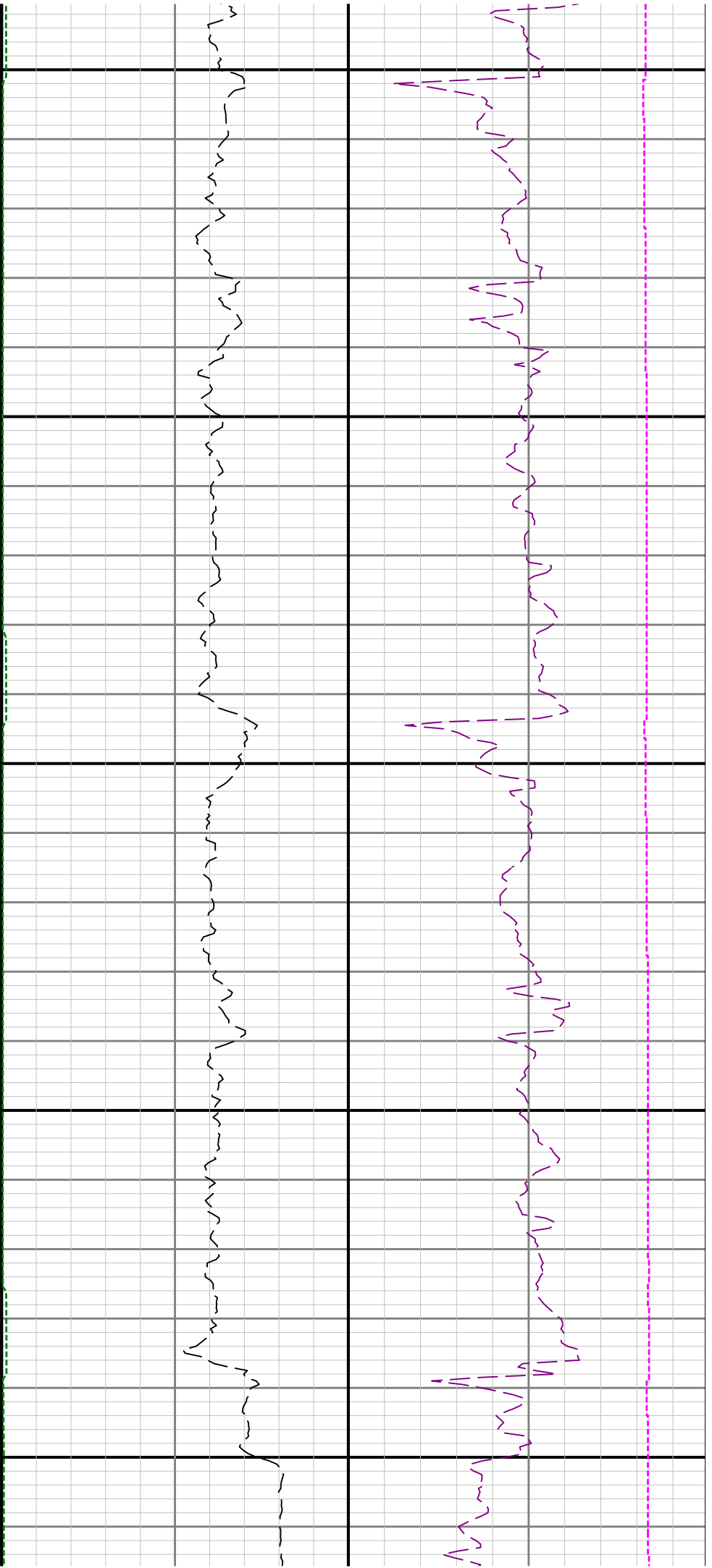


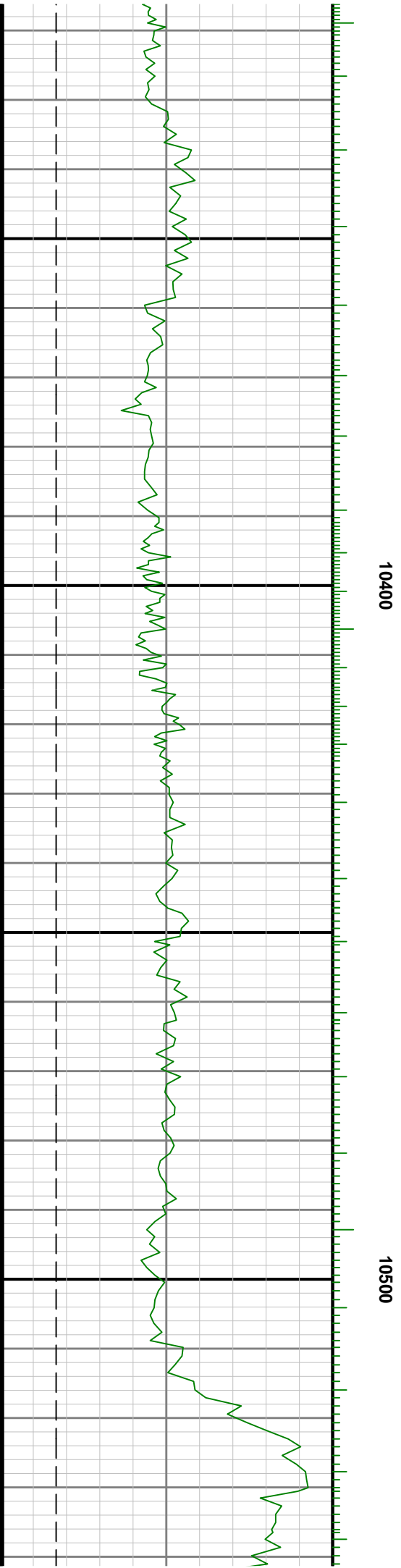
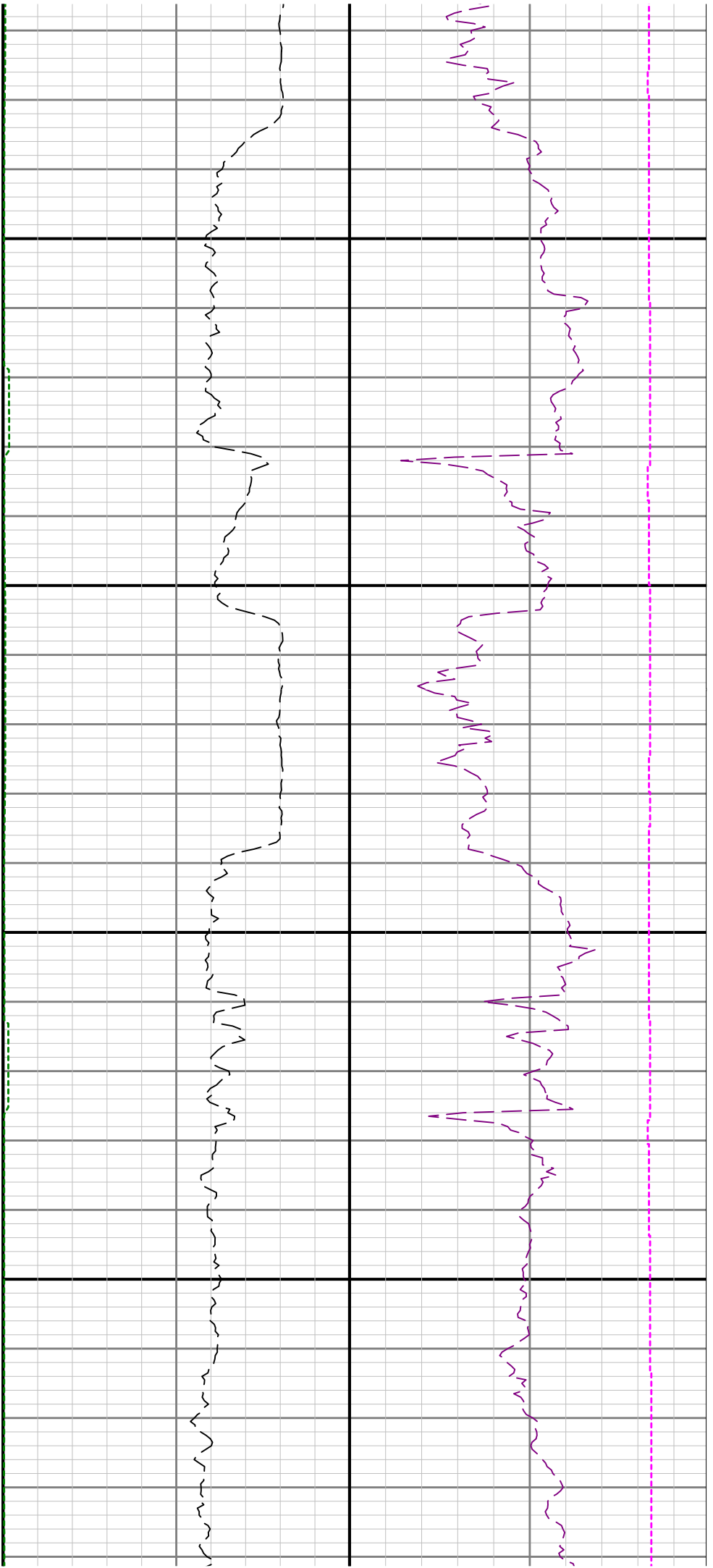
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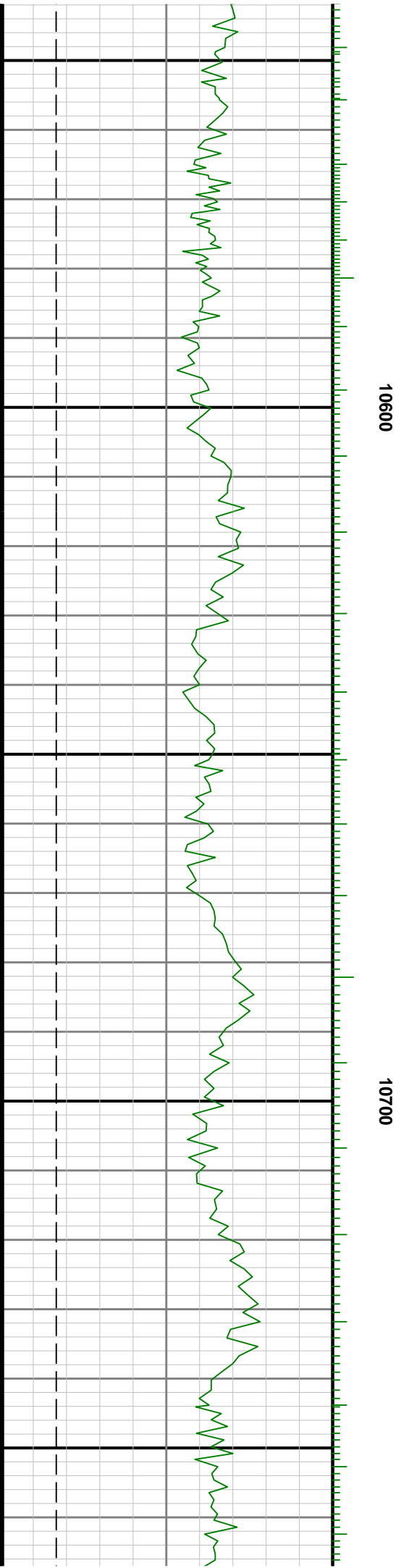
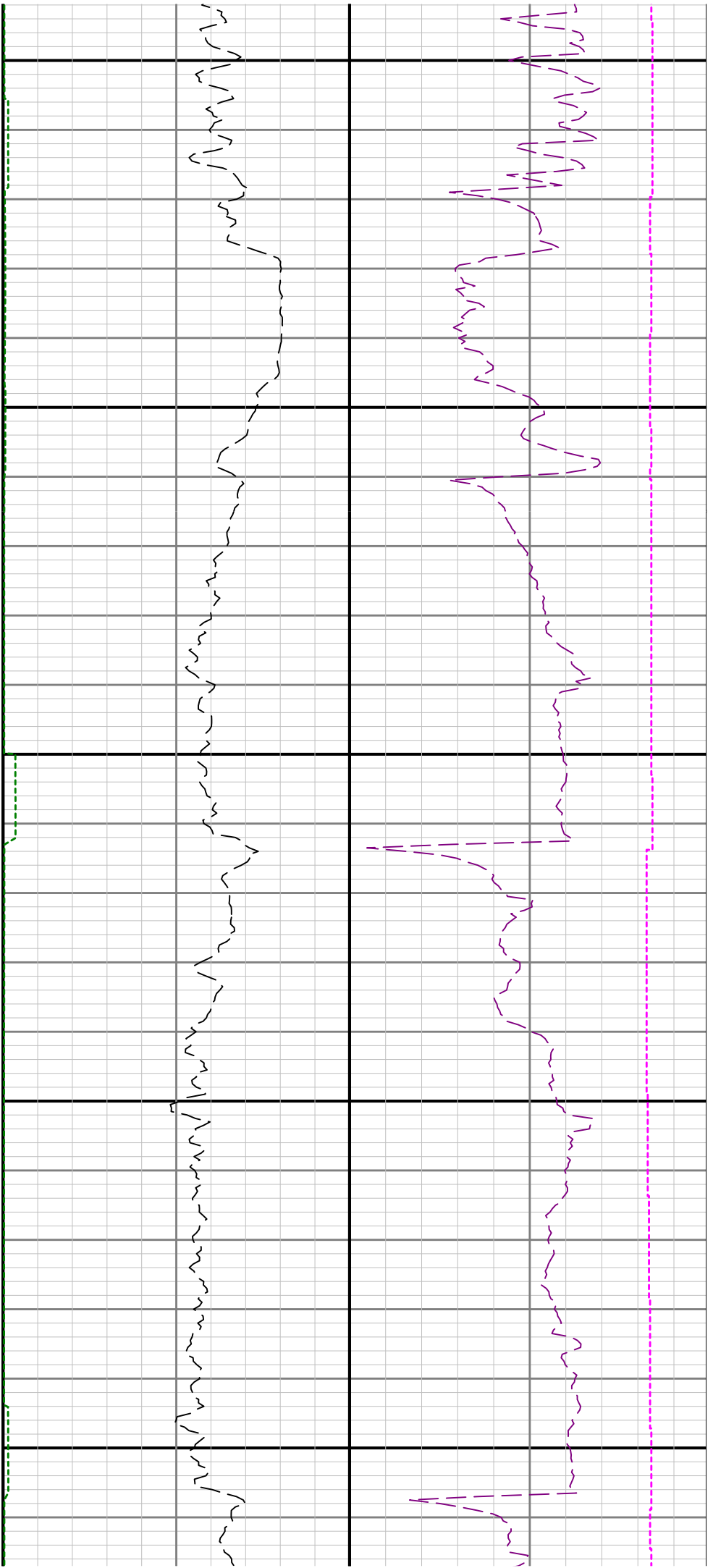
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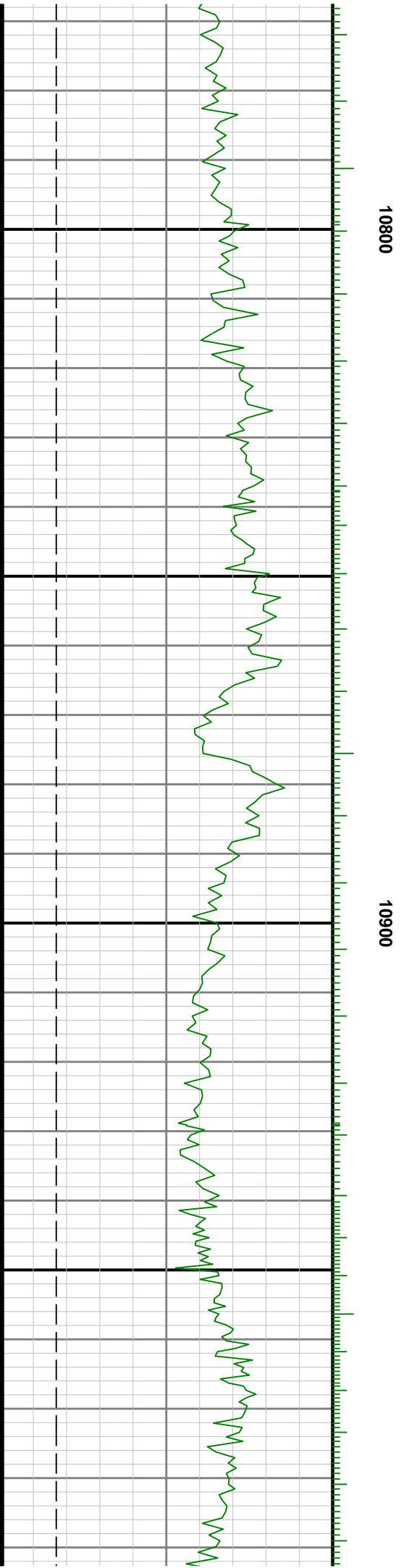
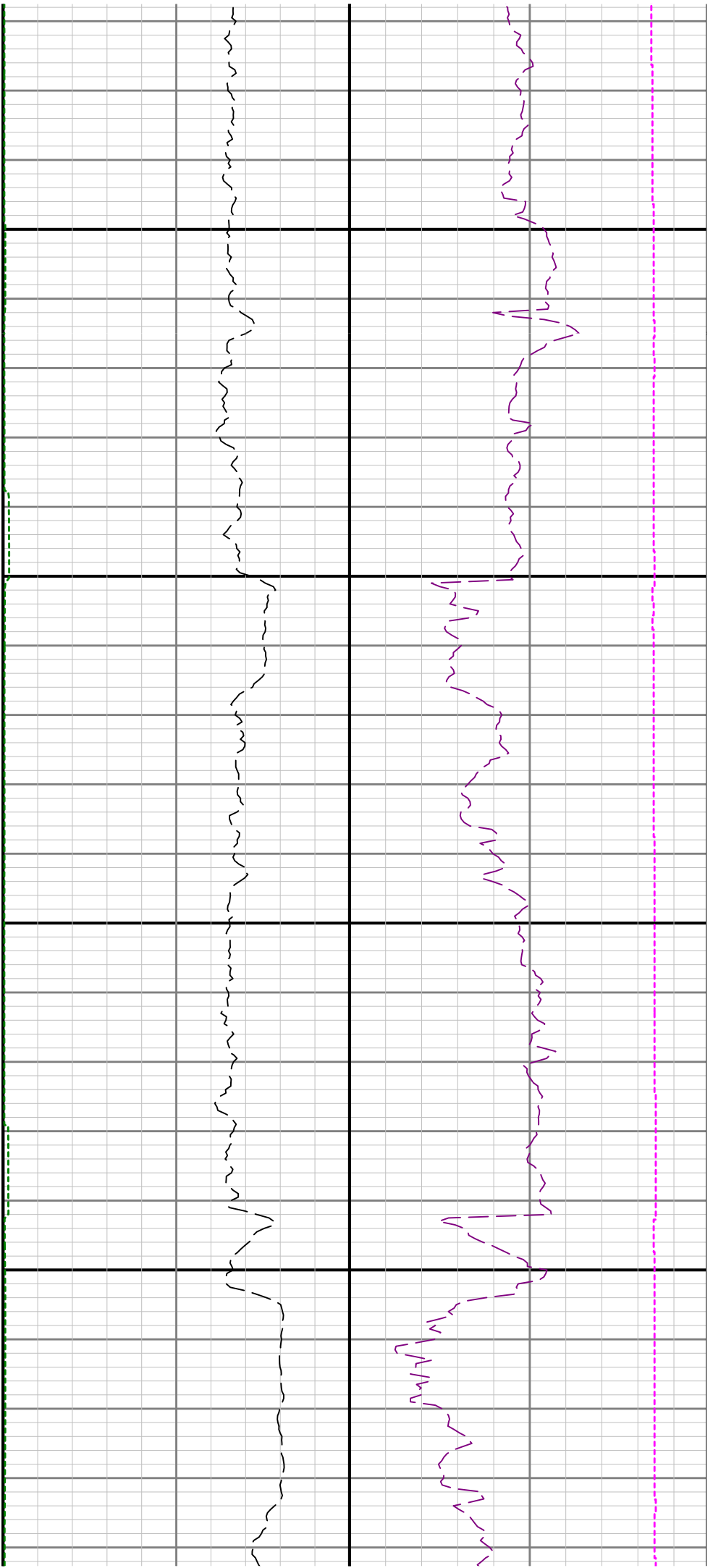


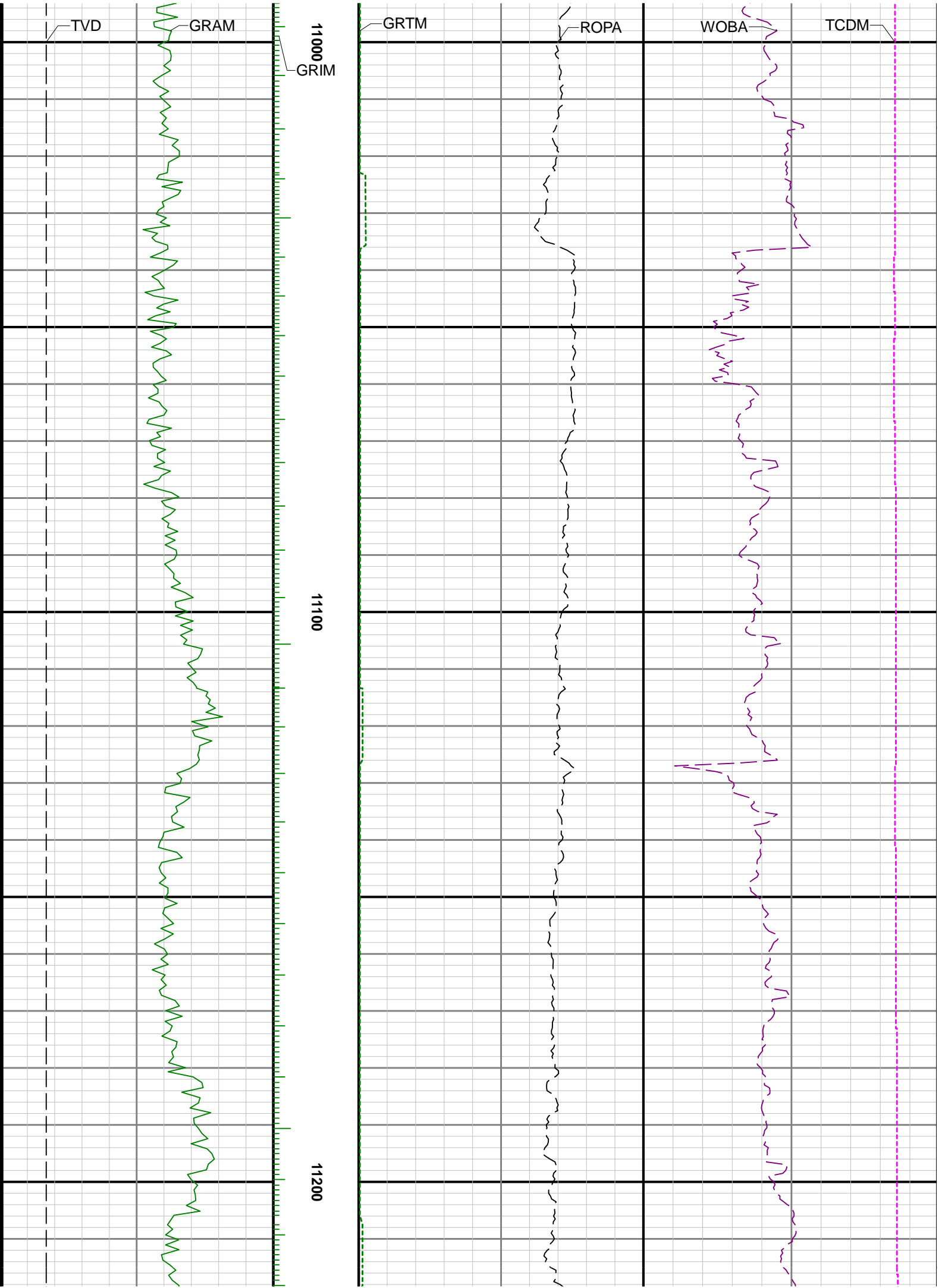


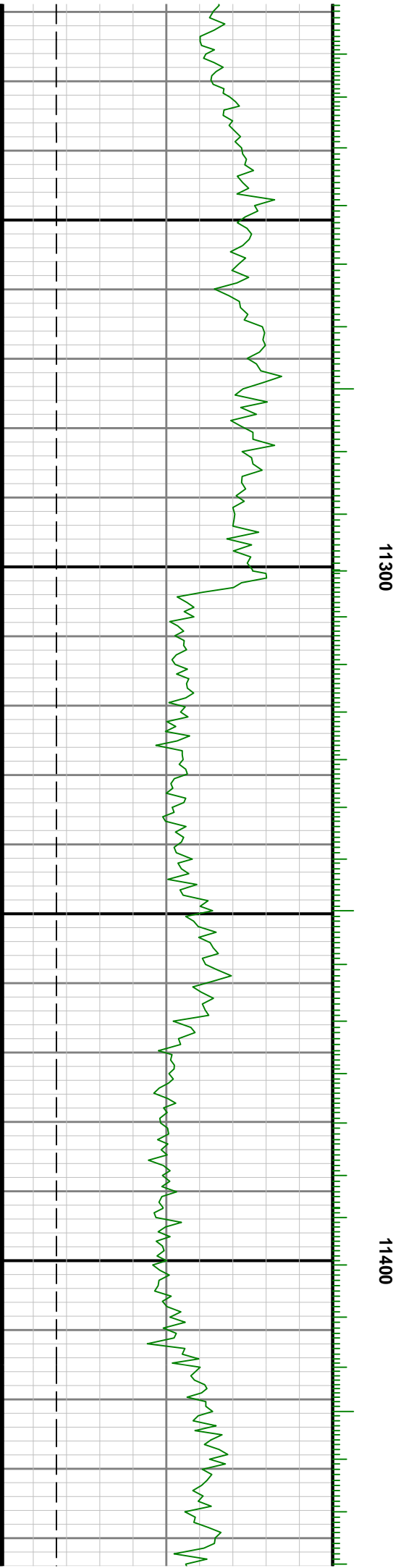
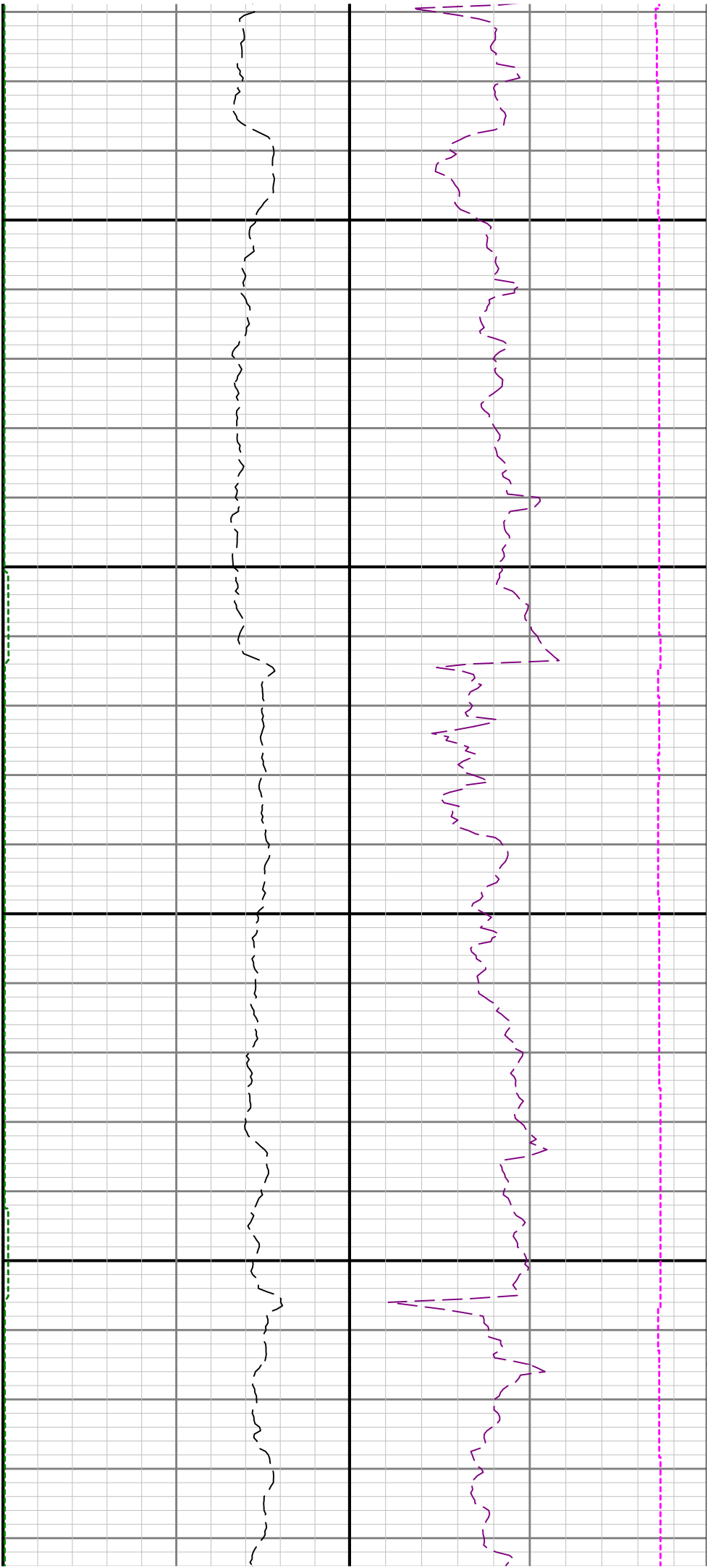


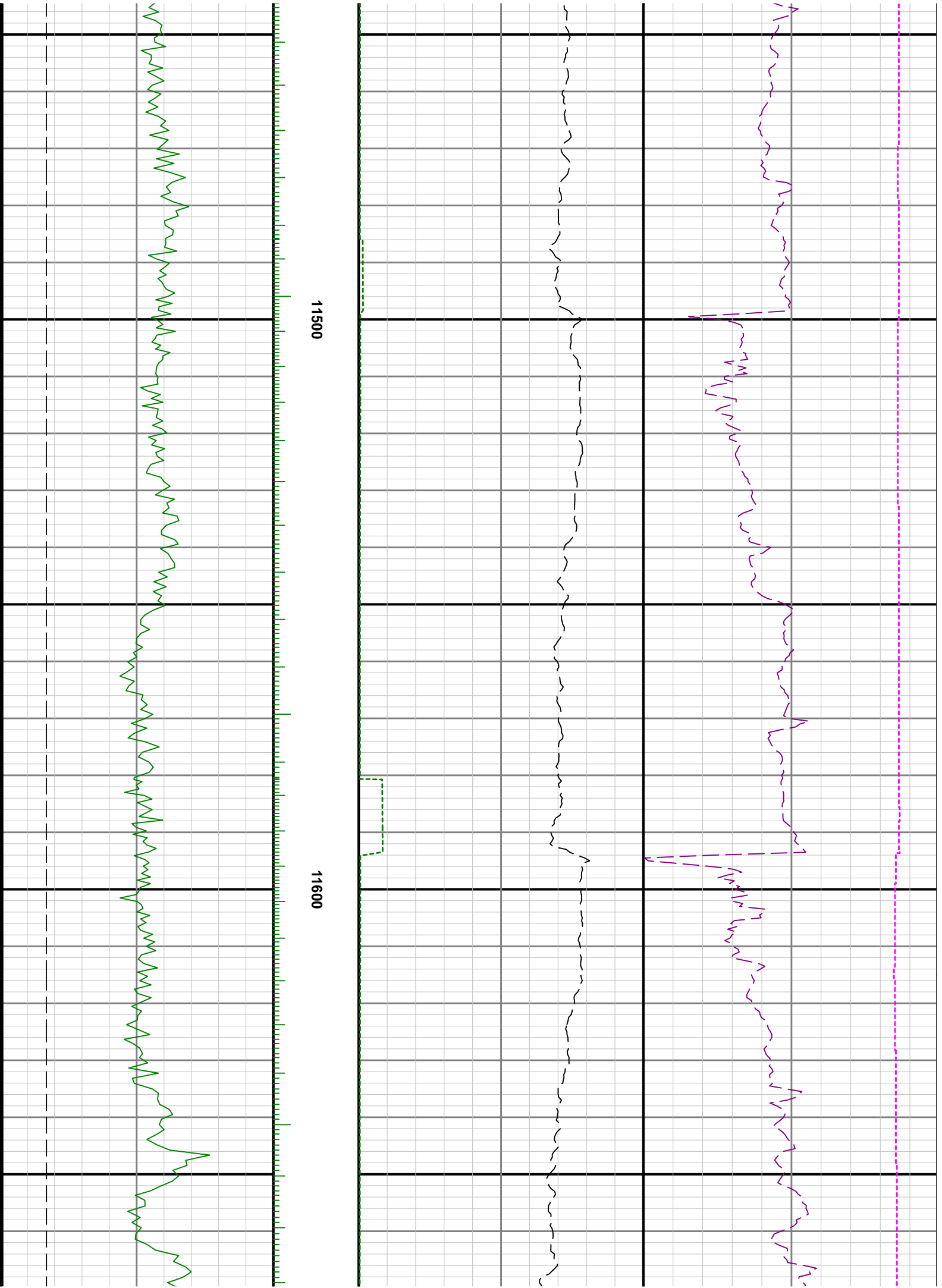


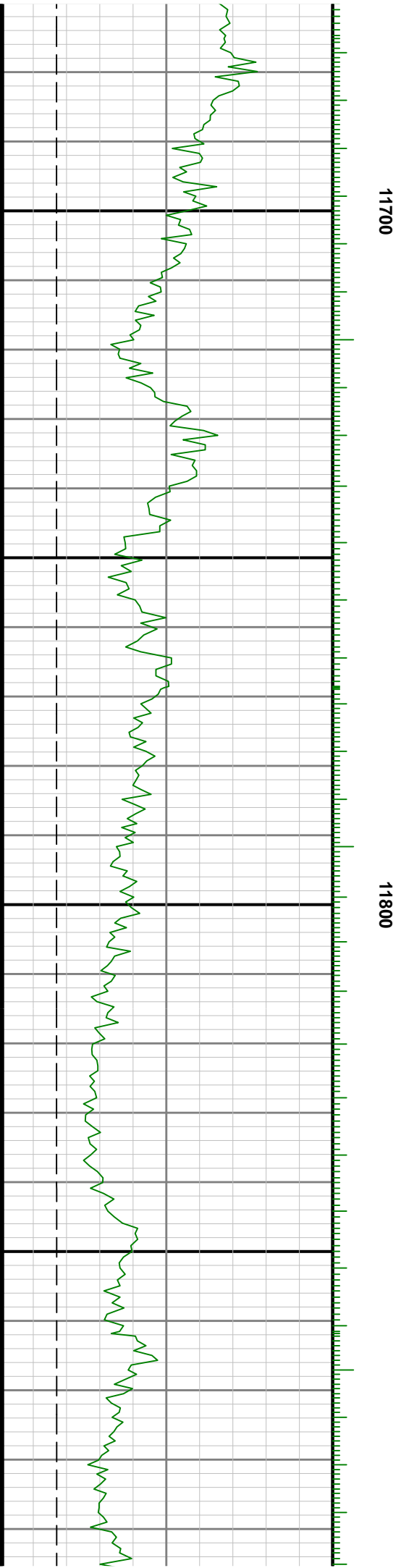
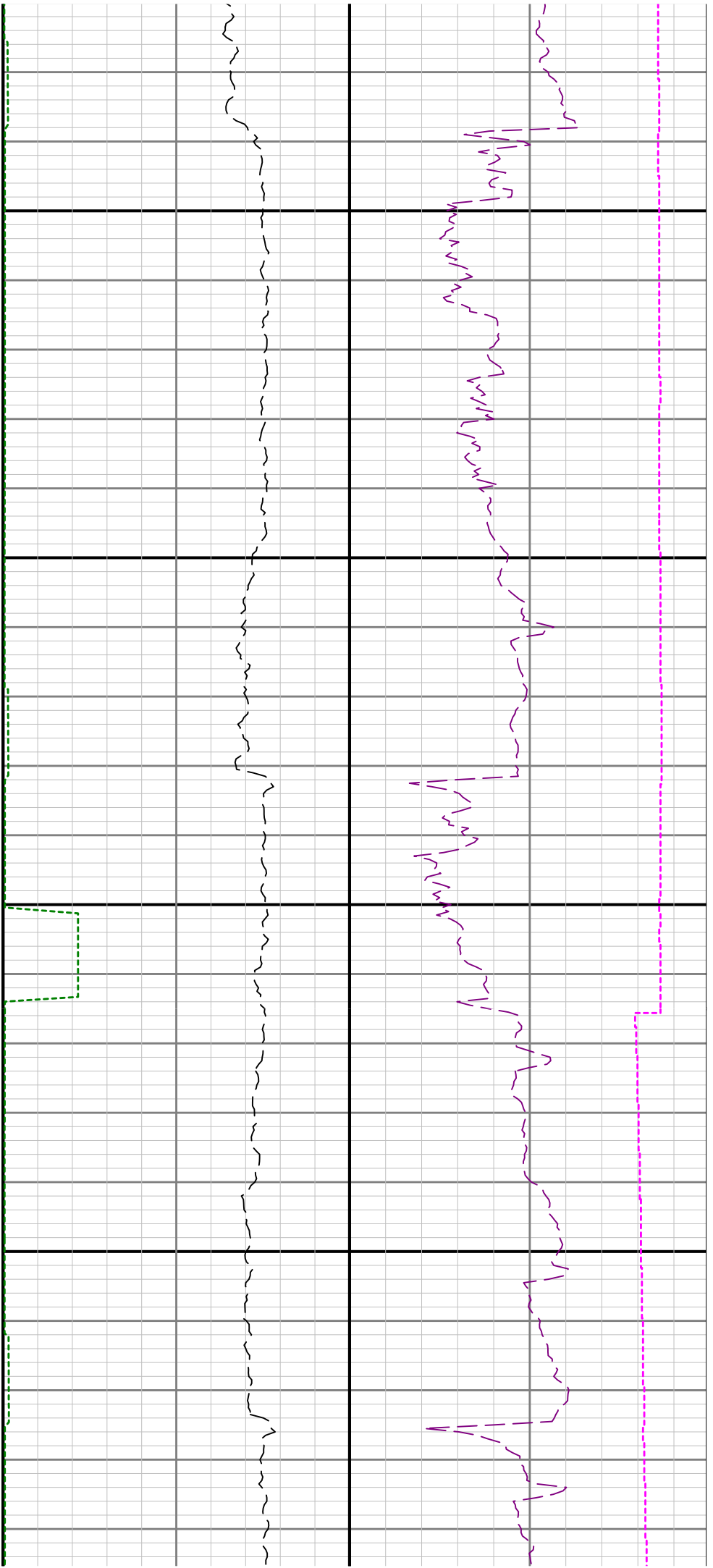


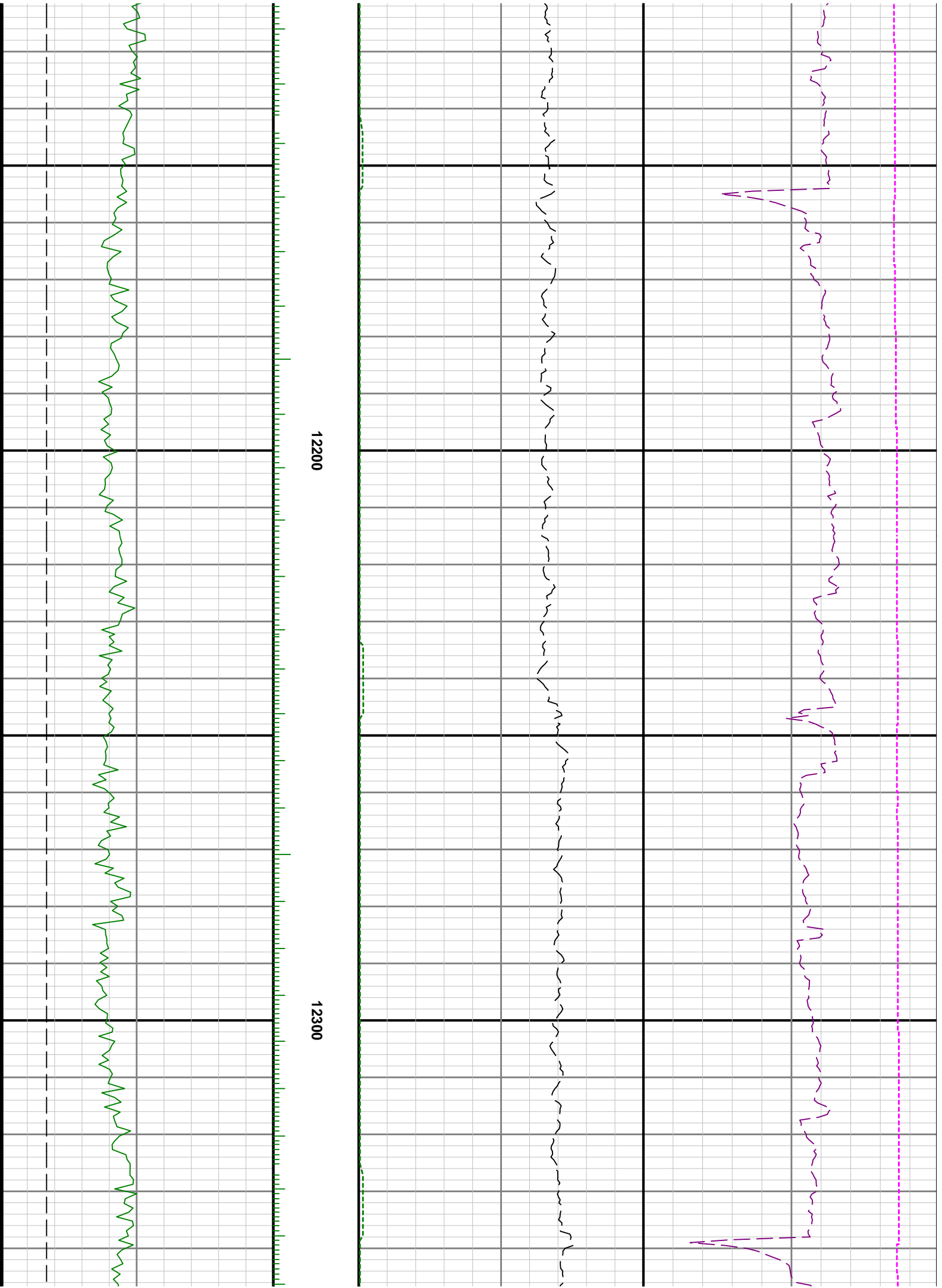








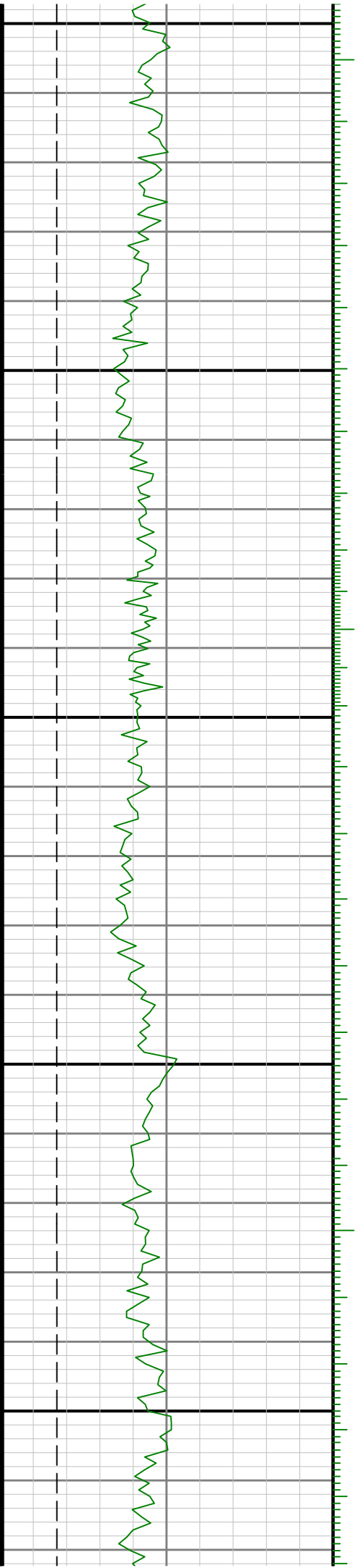


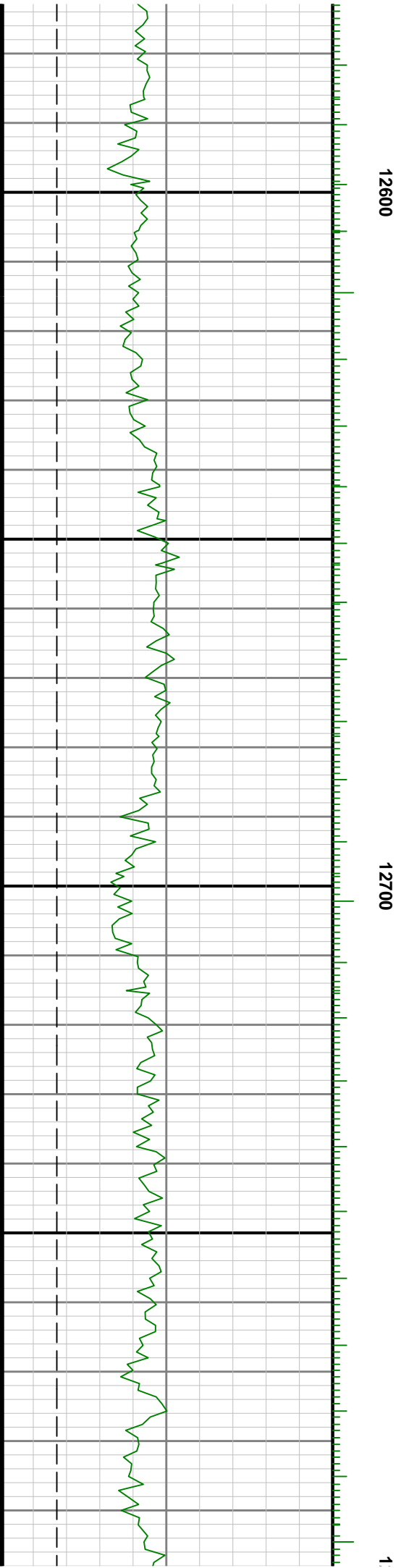
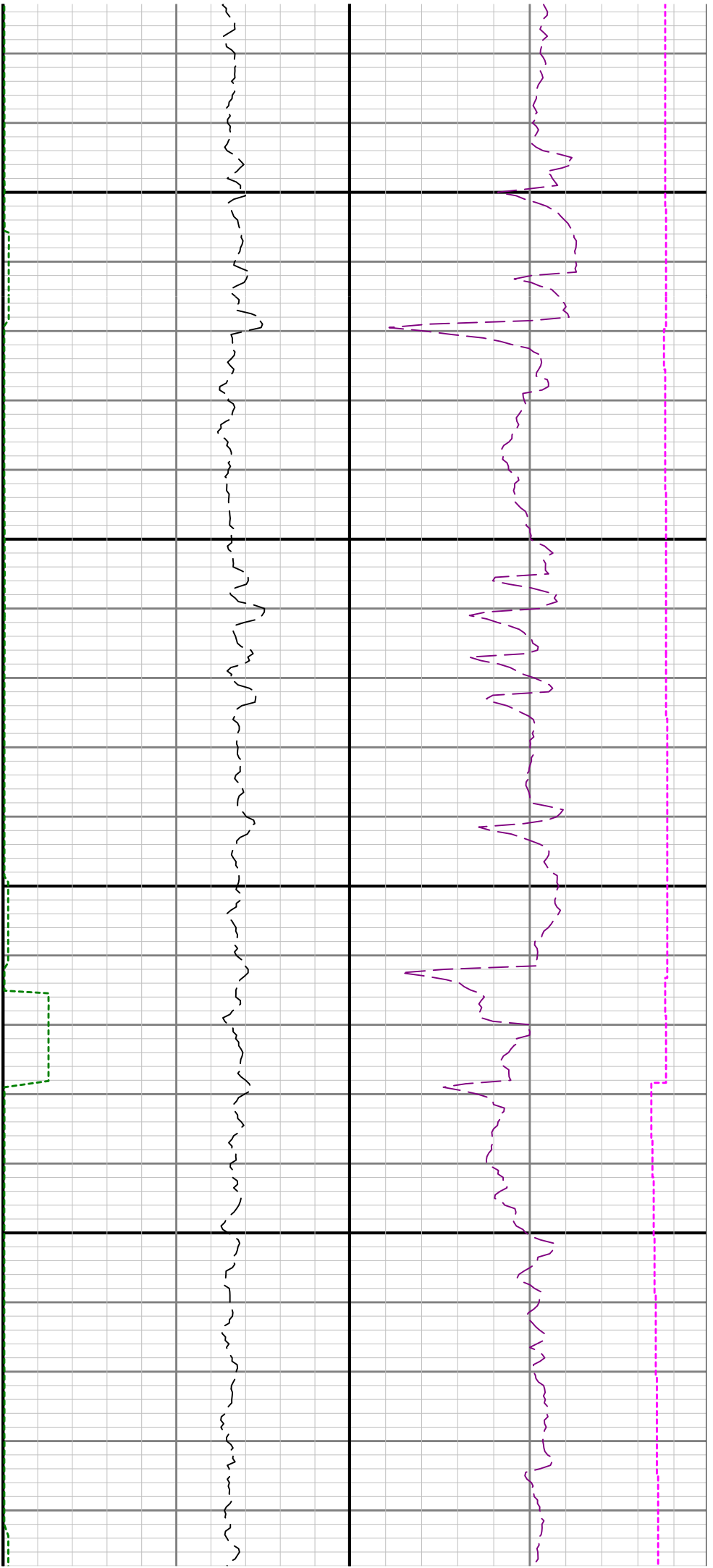


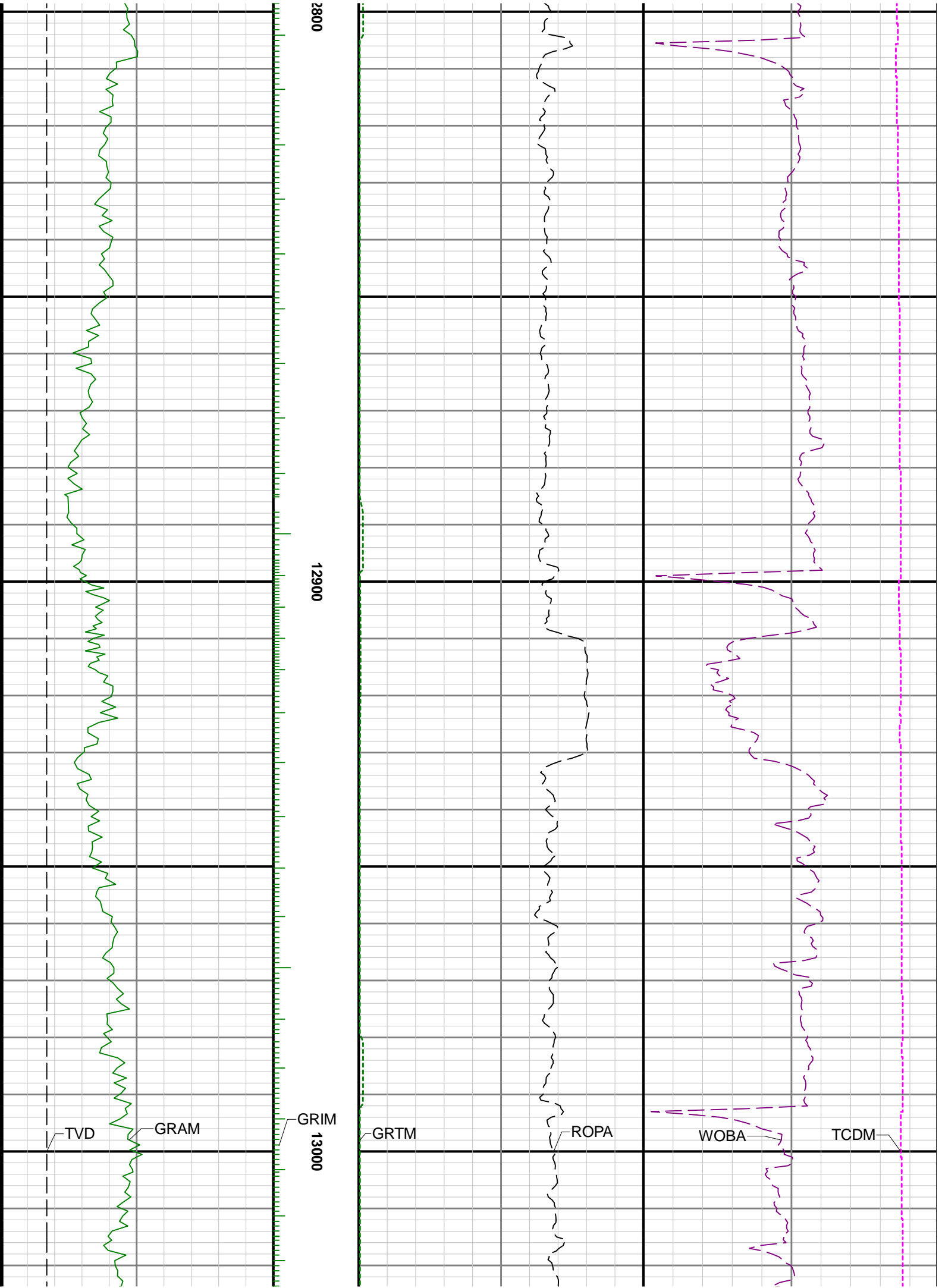


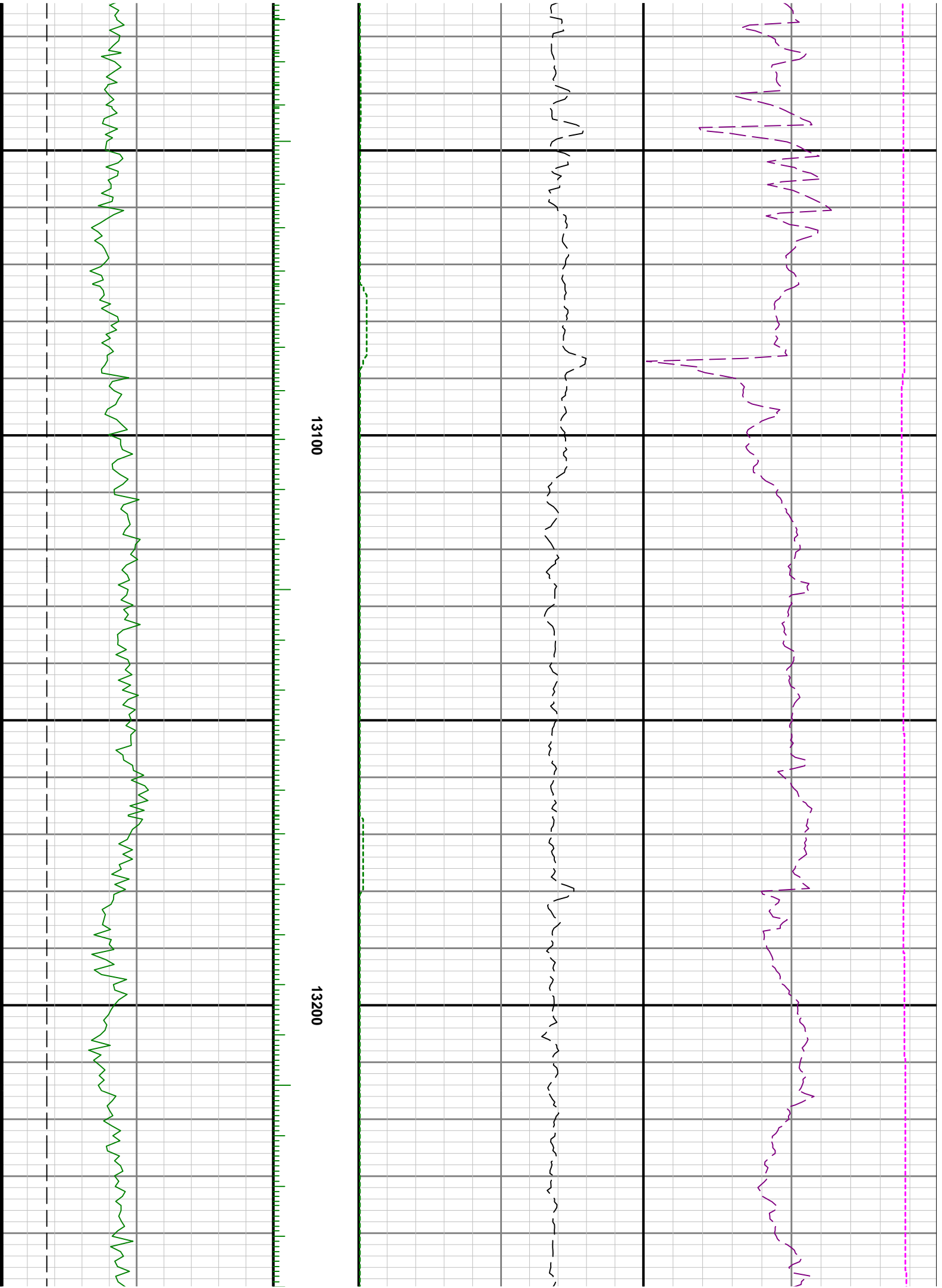
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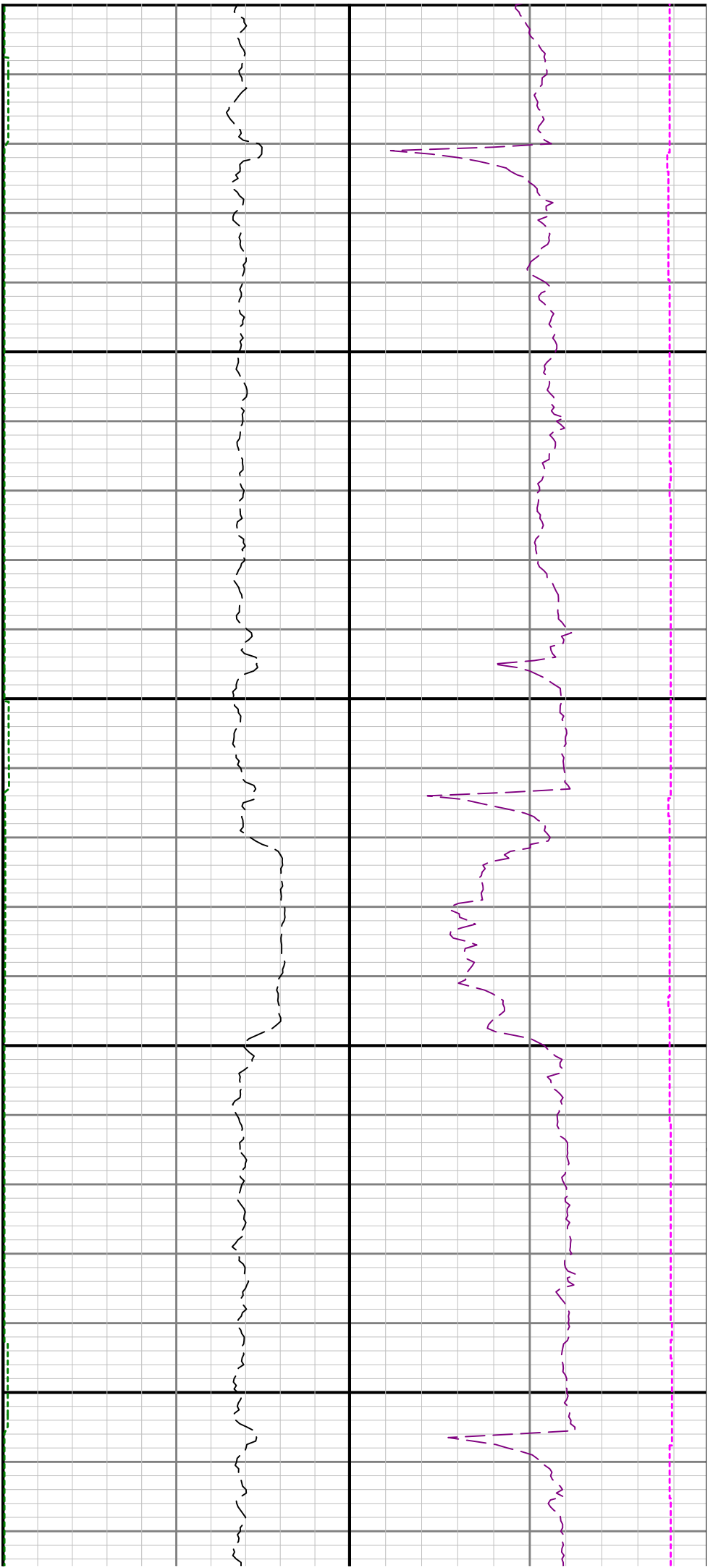
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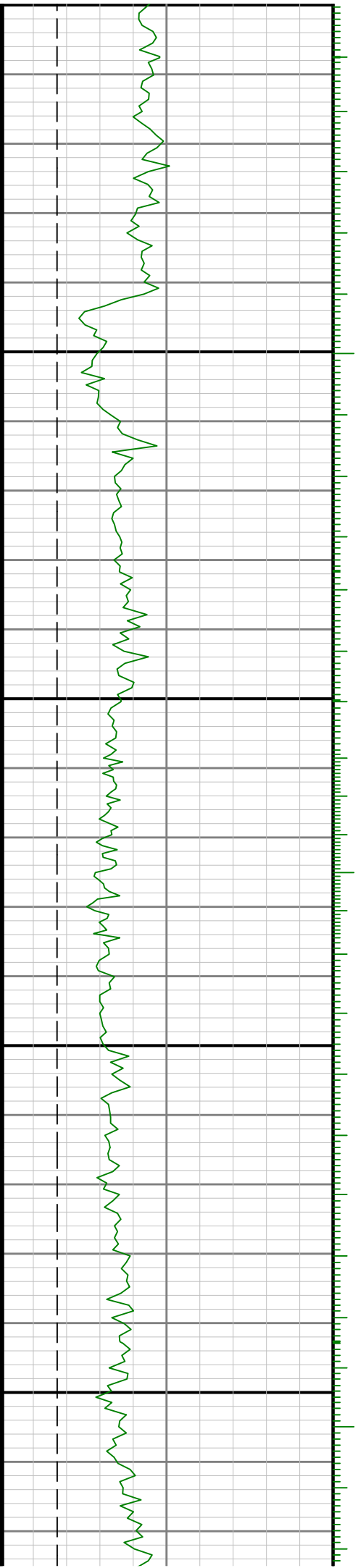


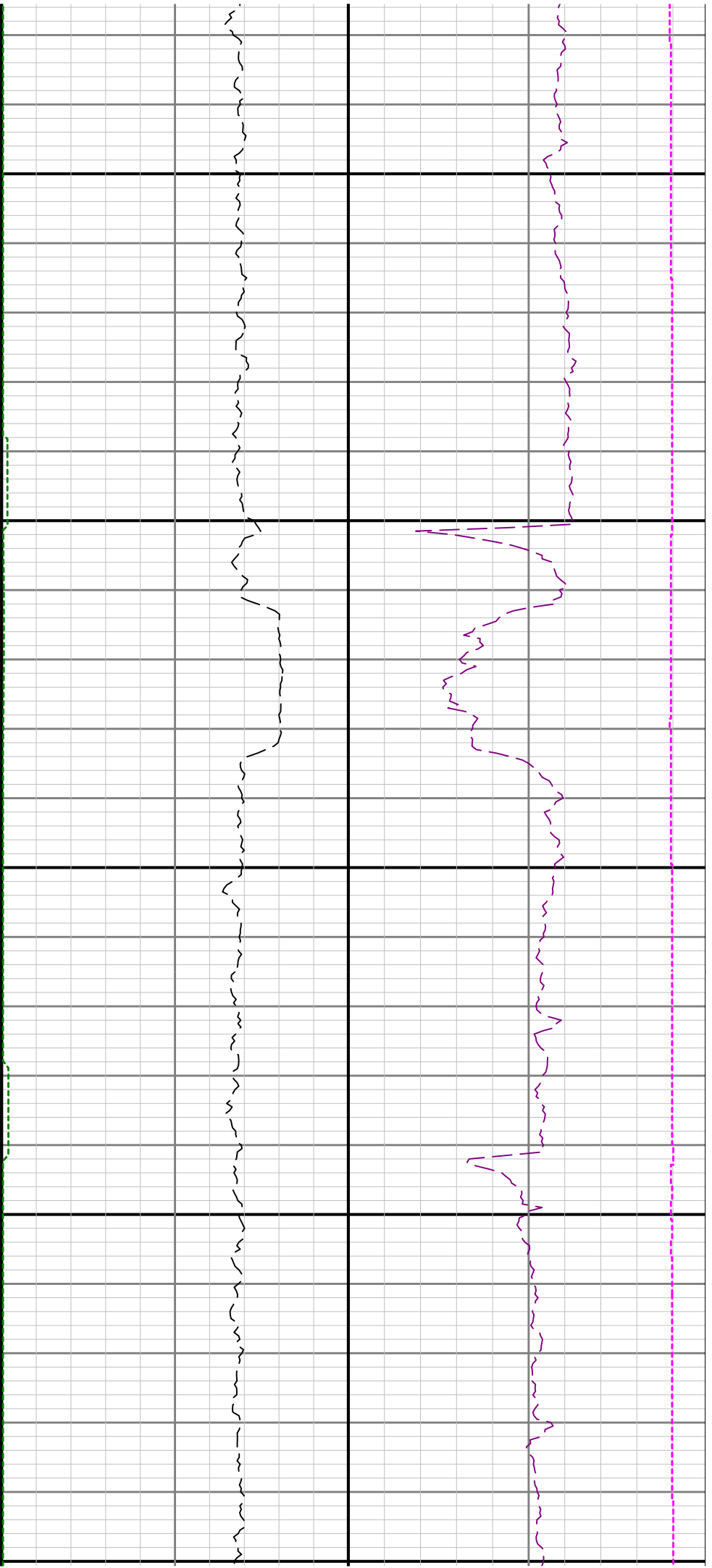




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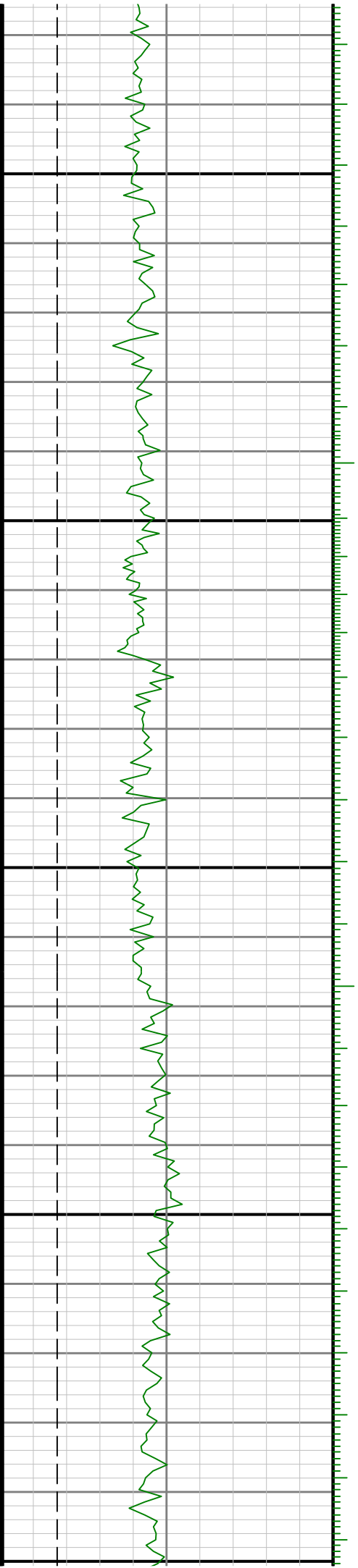


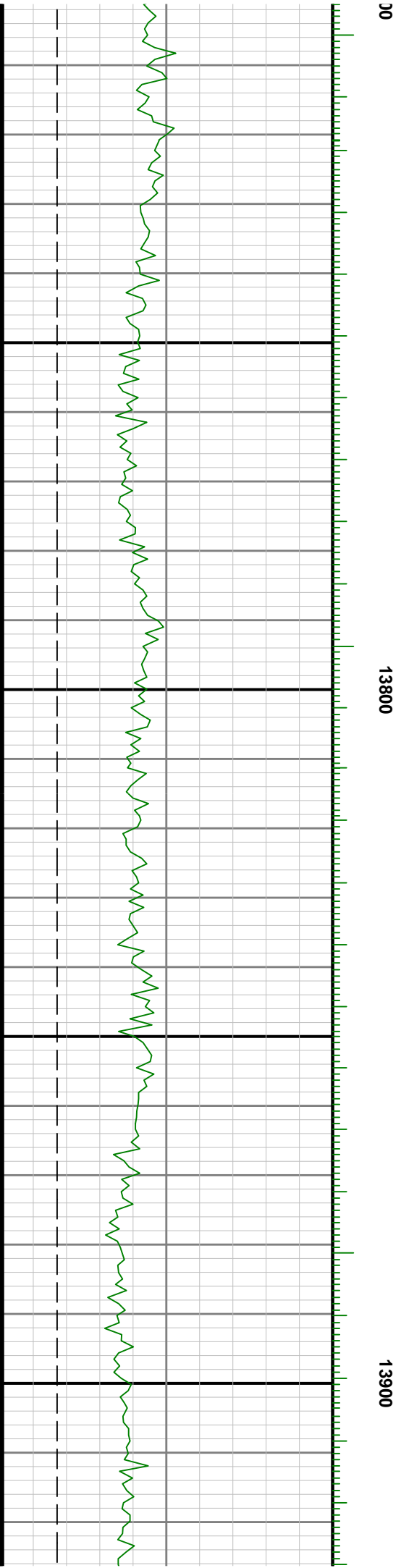
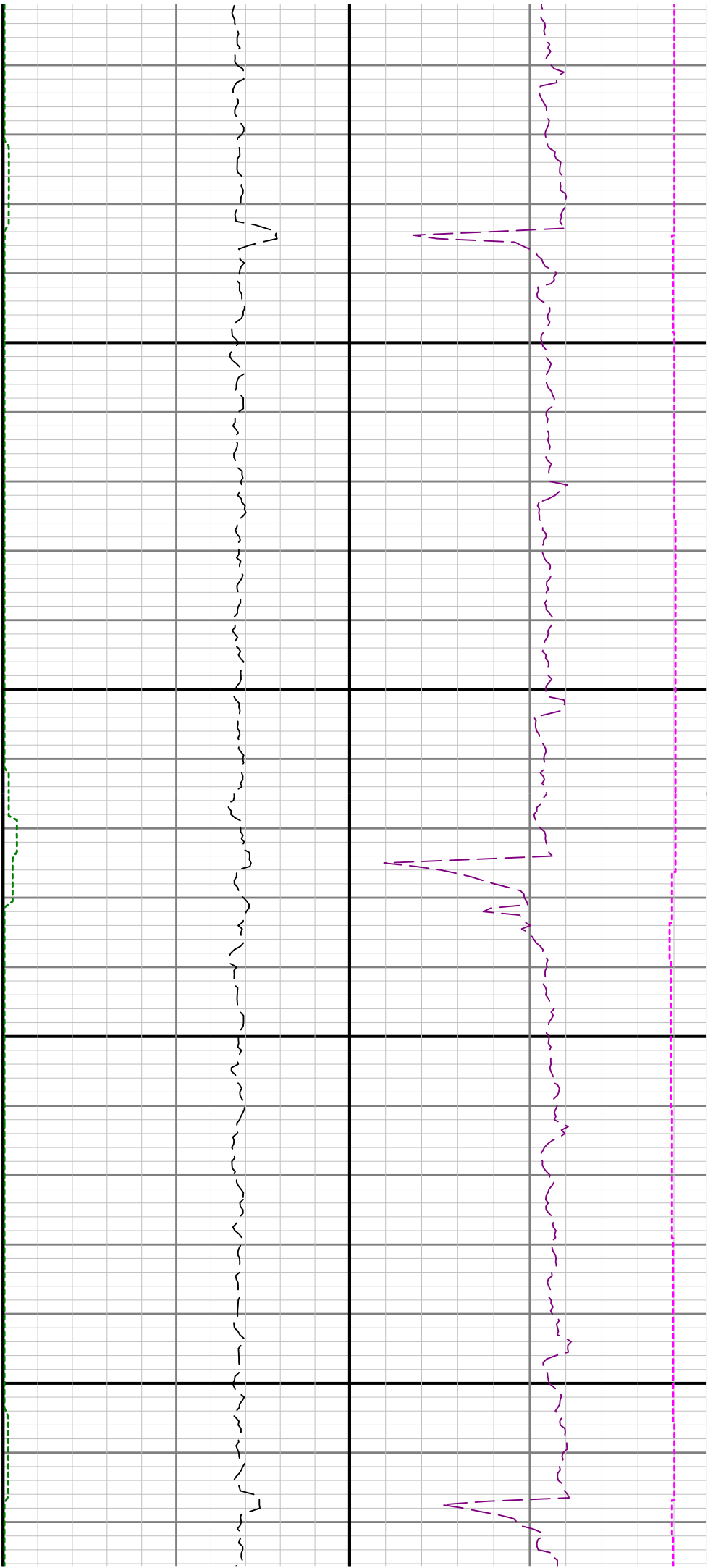


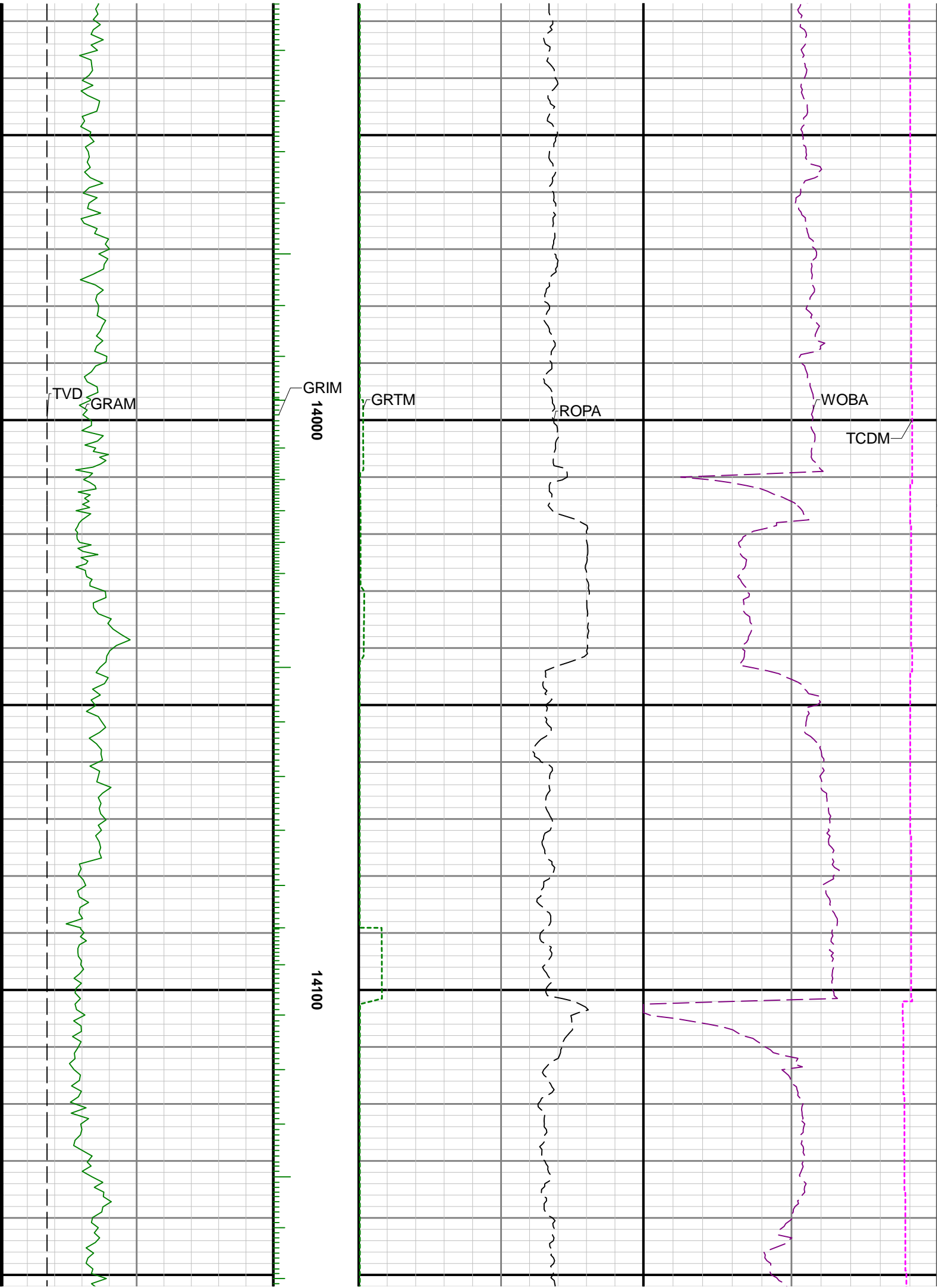
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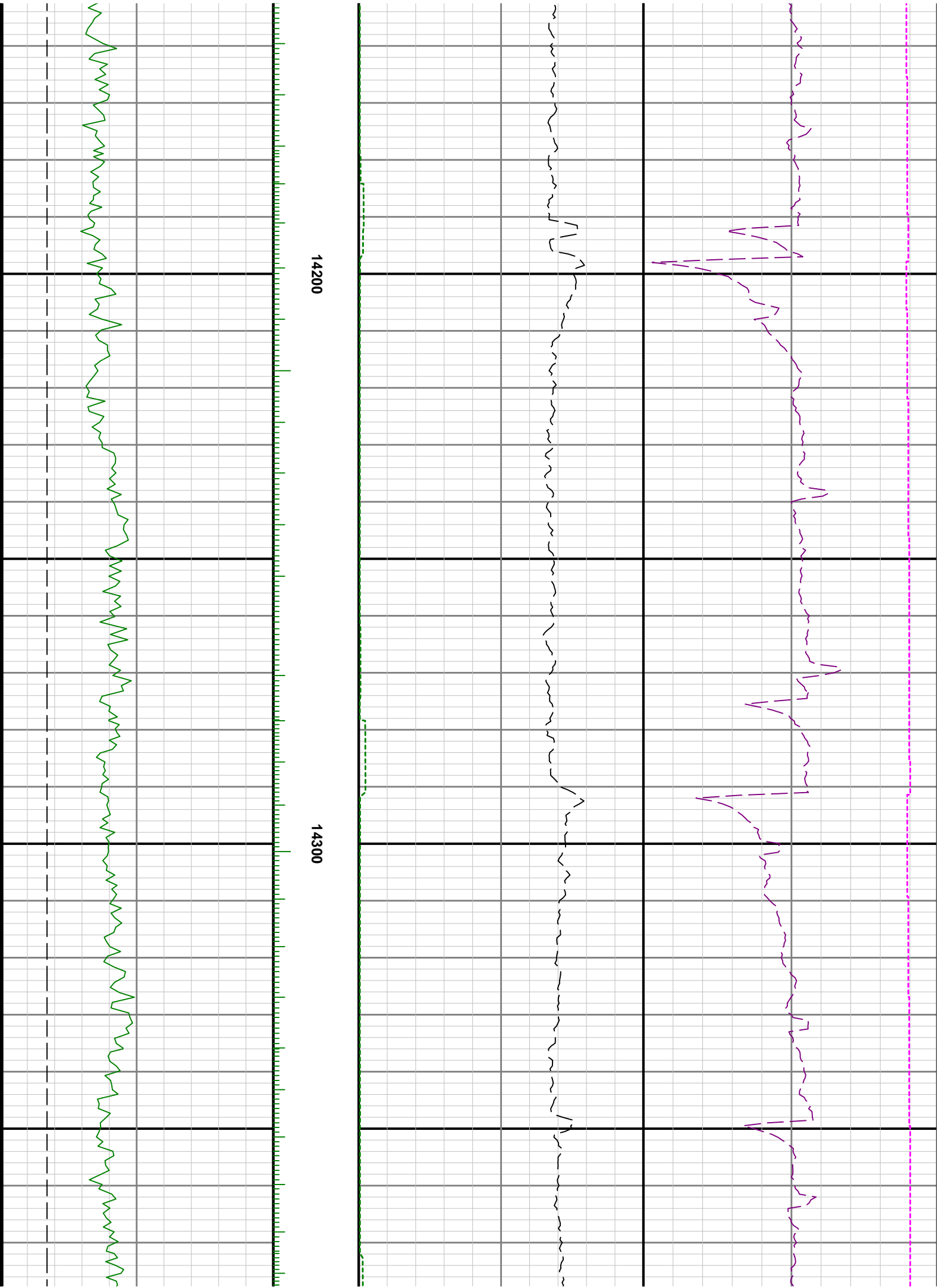
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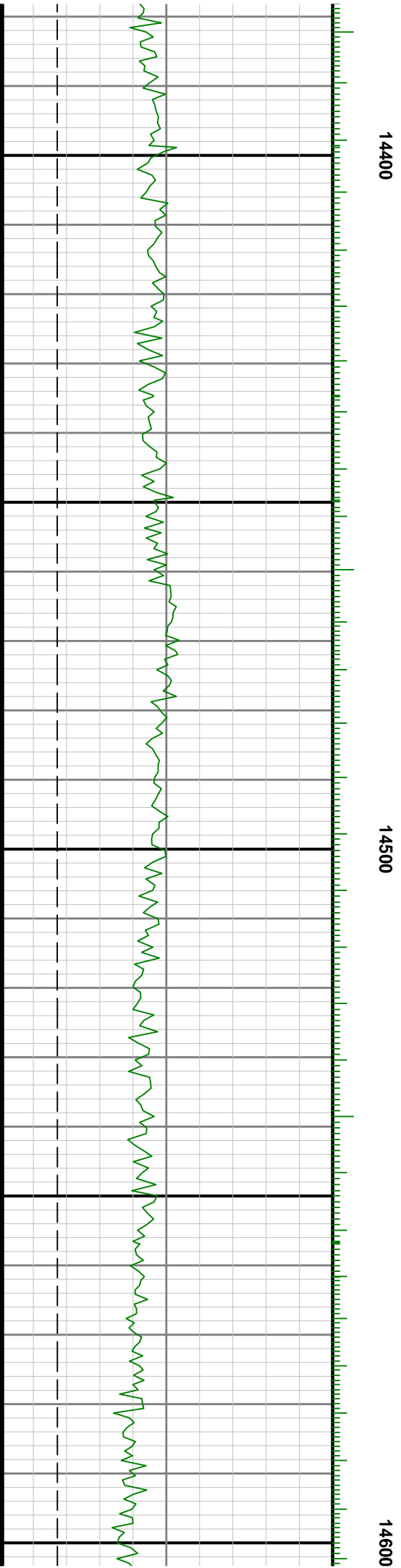
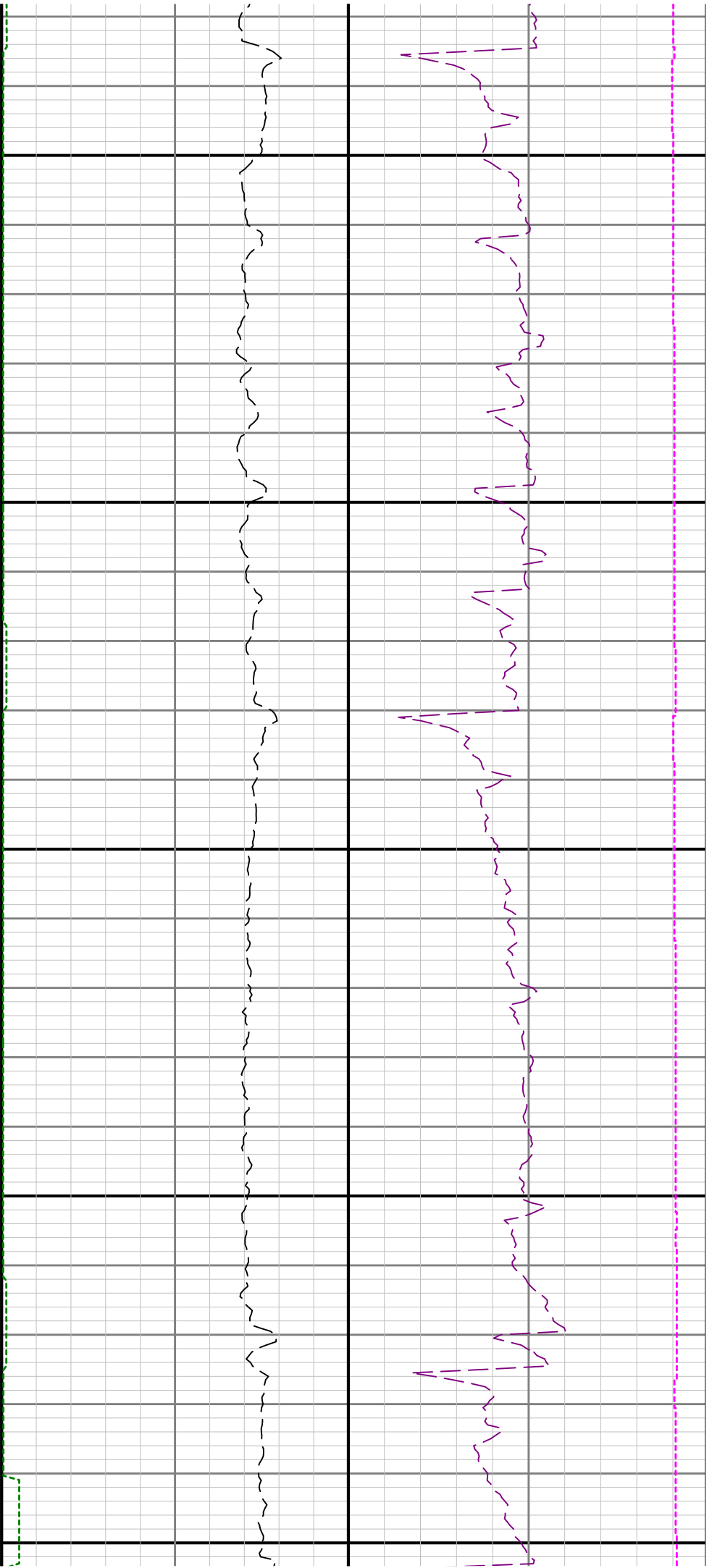
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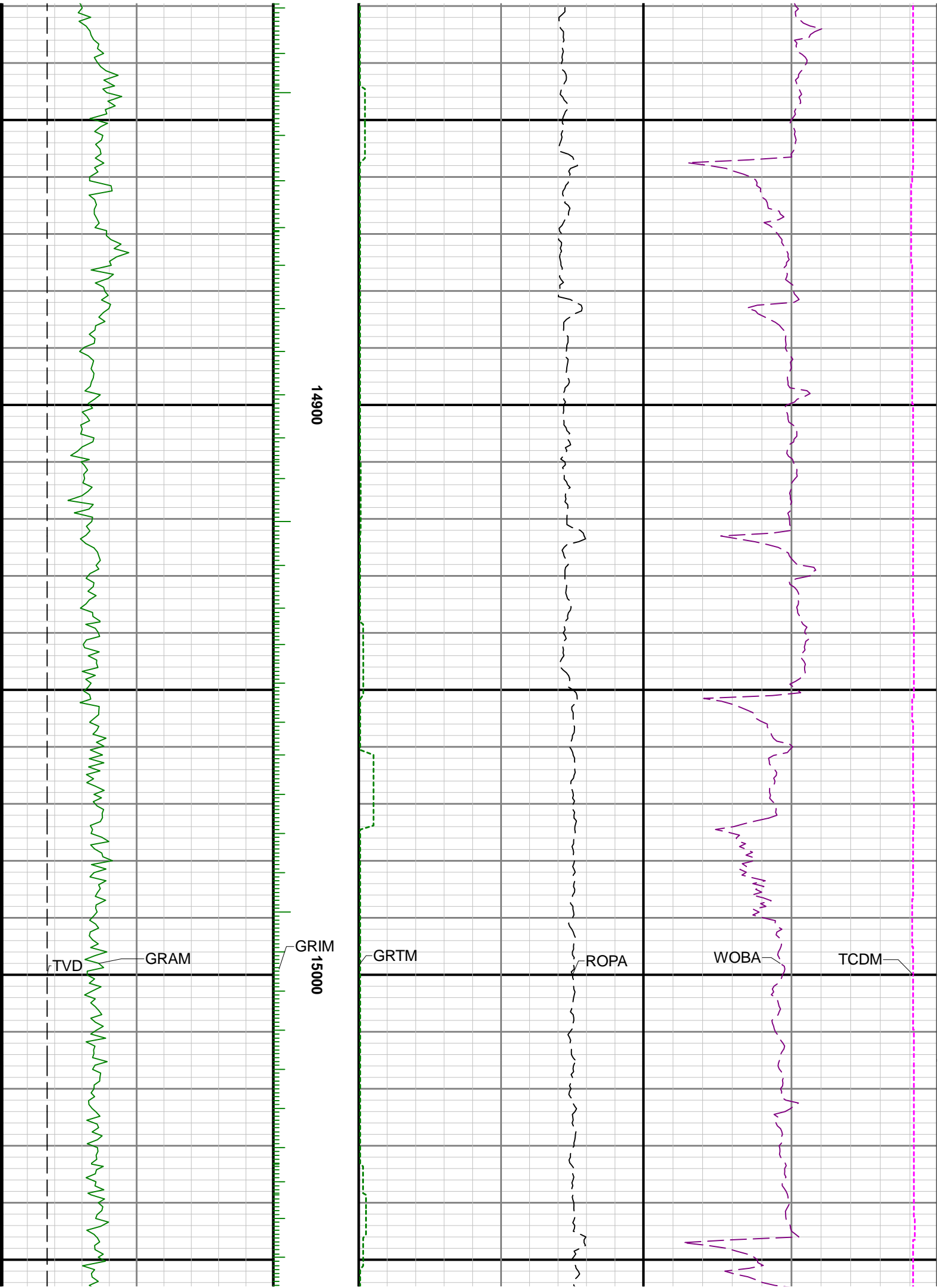


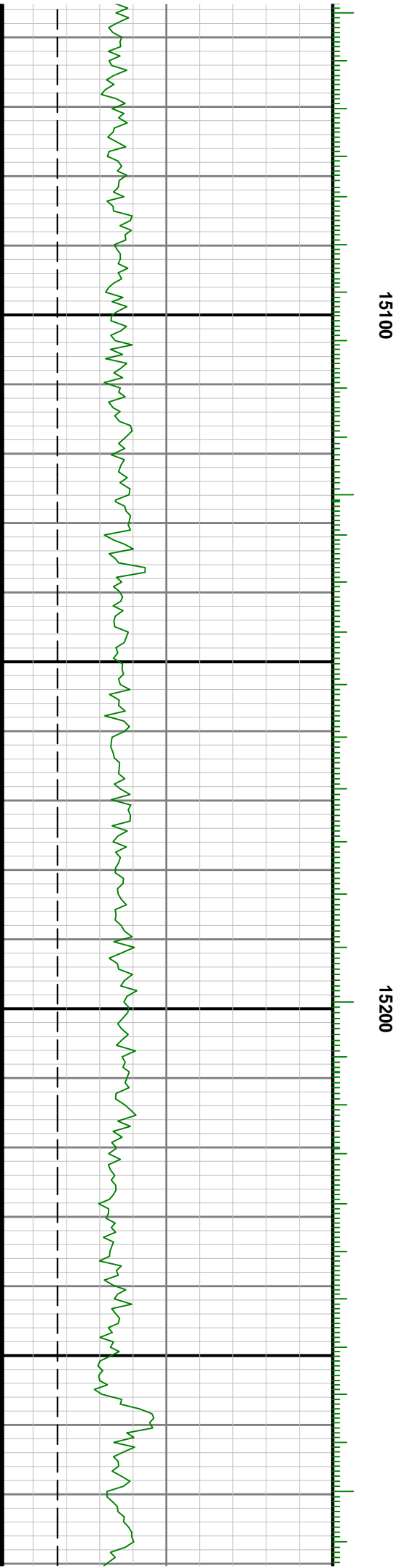
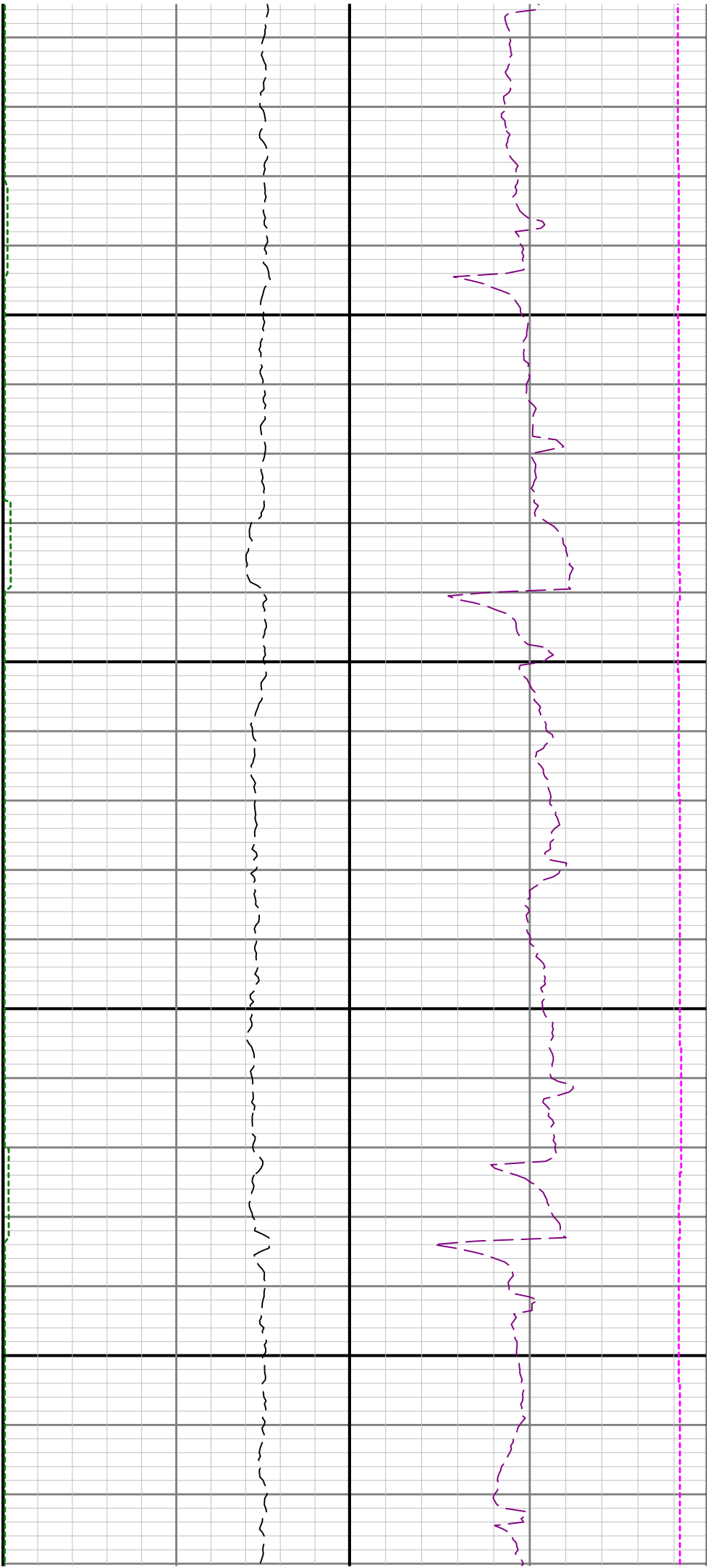


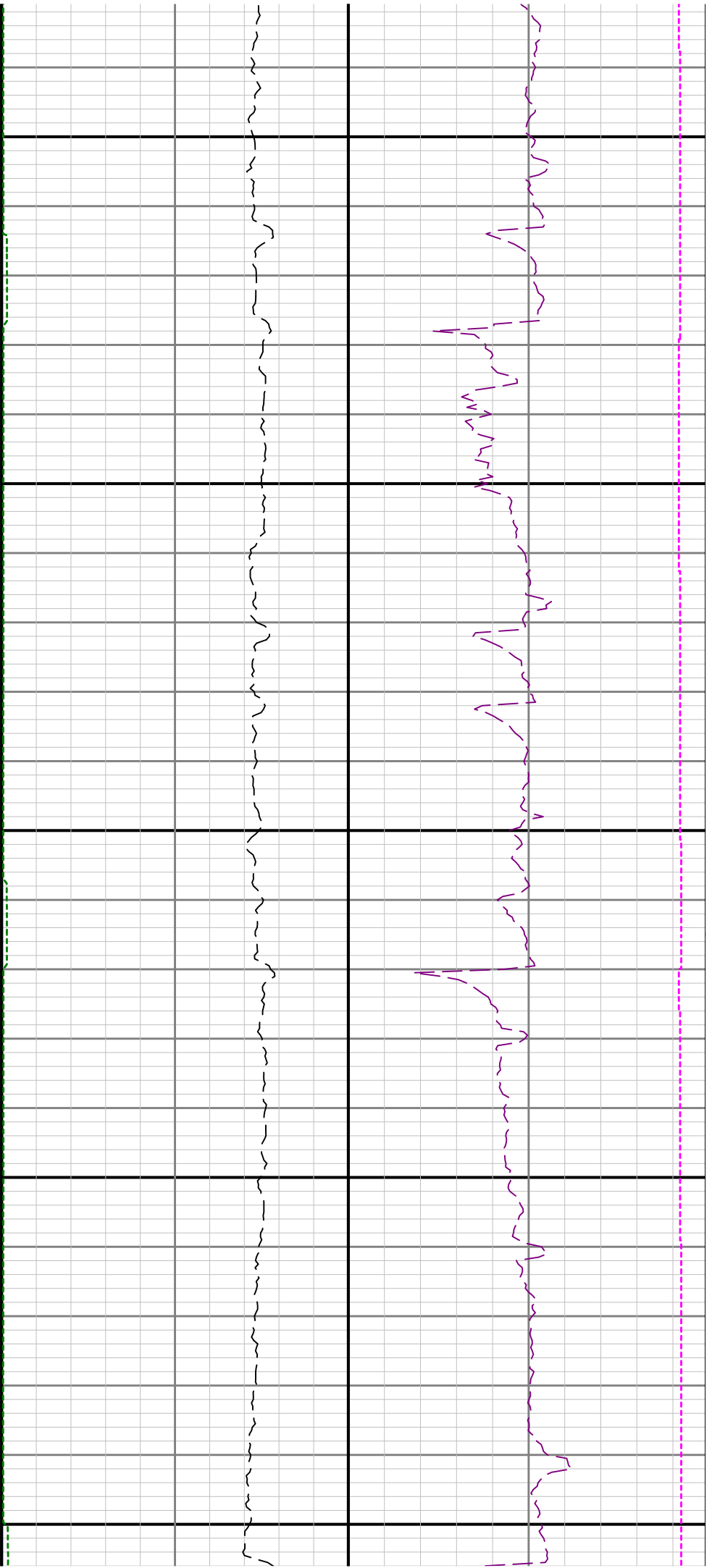












15300

15400

15500

