



- engineers, depth calibrations and measurements could not be independently verified.
- 2 Baker Hughes LWD Run 1 utilized 6.75 inch NaviGamma Service (Gamma Ray, Azimuthal Gamma Ray and Directional) behind an 8.5 inch bit and a rotary steerable assembly from 1610 to 13657 feet MD (1610 to 6289 feet TVD).
- 3 The GRAM data is presented on a scale of 0 to 200 API, per the client's request.
- 4 The Gamma Ray Apparent (GRAM) log starts at 5000 feet, per customer's request.
- 5 Short gaps in Gamma Ray Apparent (GRAM) and Azimuthal Gamma Ray Up & Down (GRAUM) and (GRADM) are present throughout the log due to theAuto Trak MWD powering off temporarily while drilling.

Remarks

Number	Measured Depth (ft)	Hole Section (in)	Run No.	Remark
1	13650.00	9.625	2	The interval from 13643 to 13657 feet MD (6289 feet TVD) was not logged after being drilled due to sensor to bit offset at well TD.



Company

Well

Interval

Created

Bonanza Creek

Wetco Farms A11-4-9MRLNB

Date From: 2018-10-24 22:08

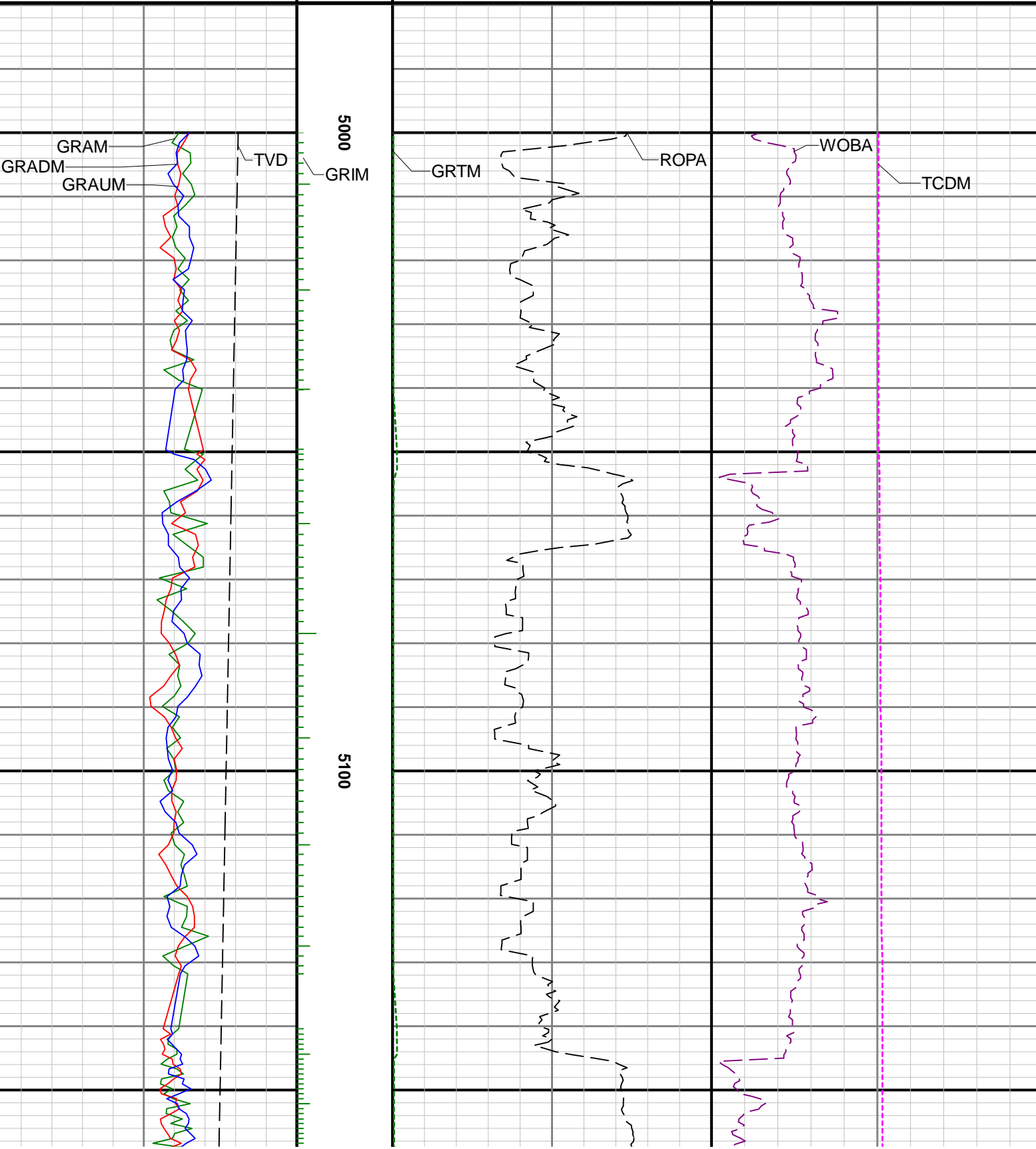
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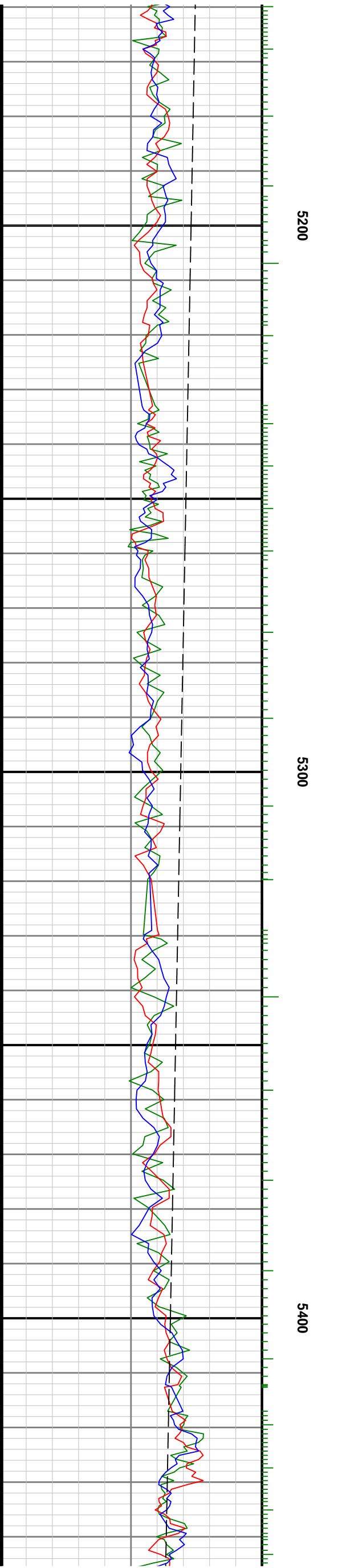
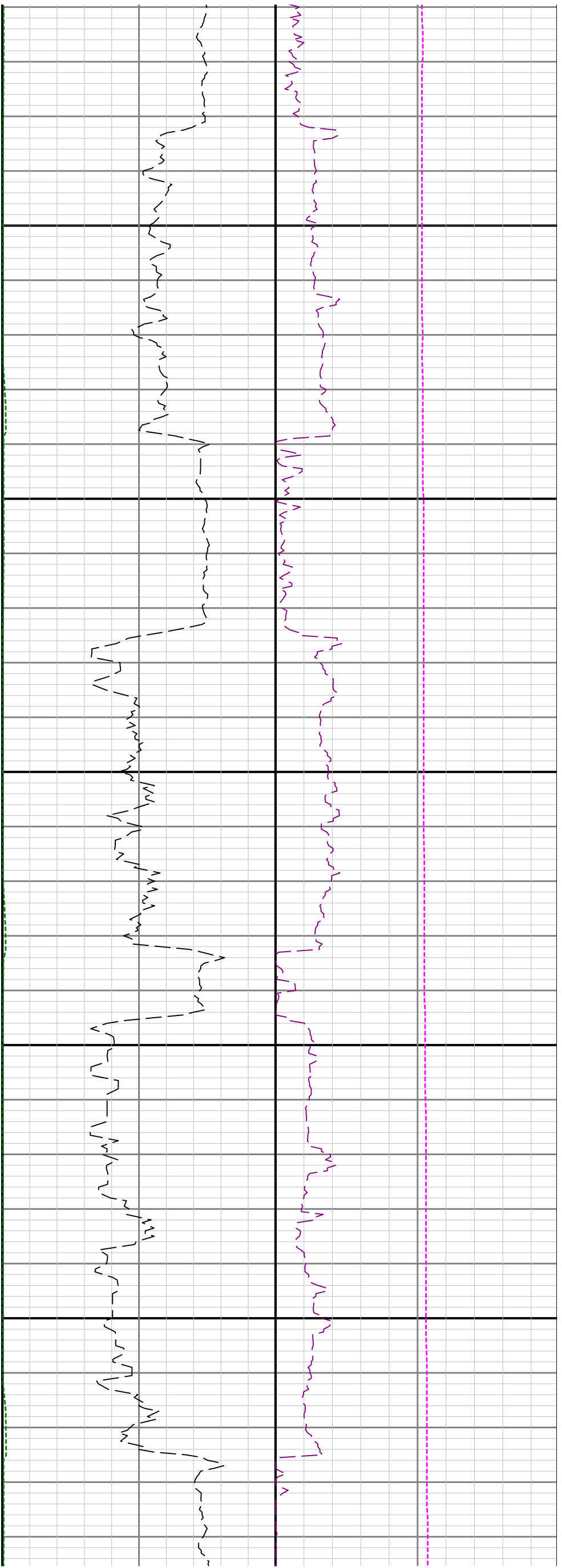
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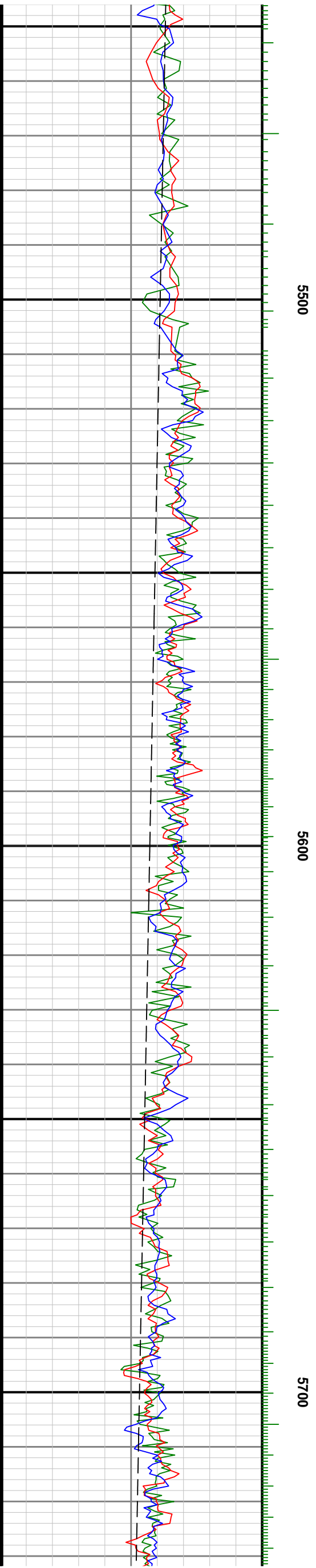
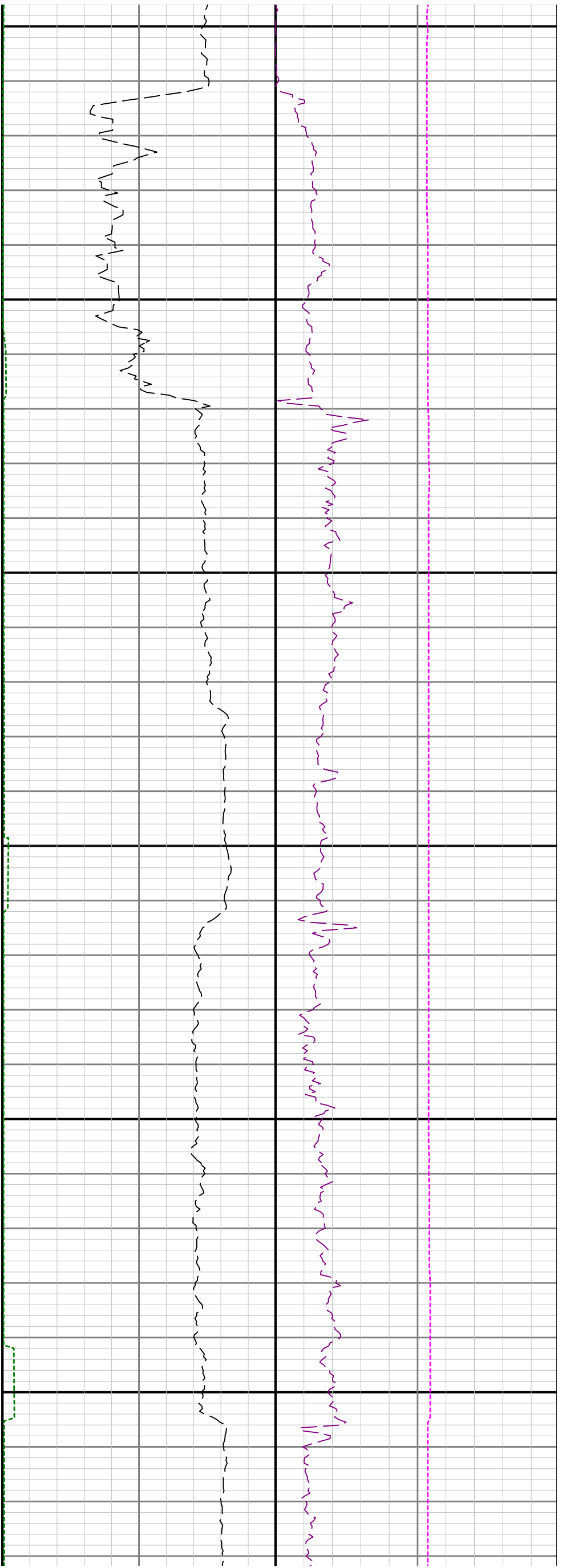
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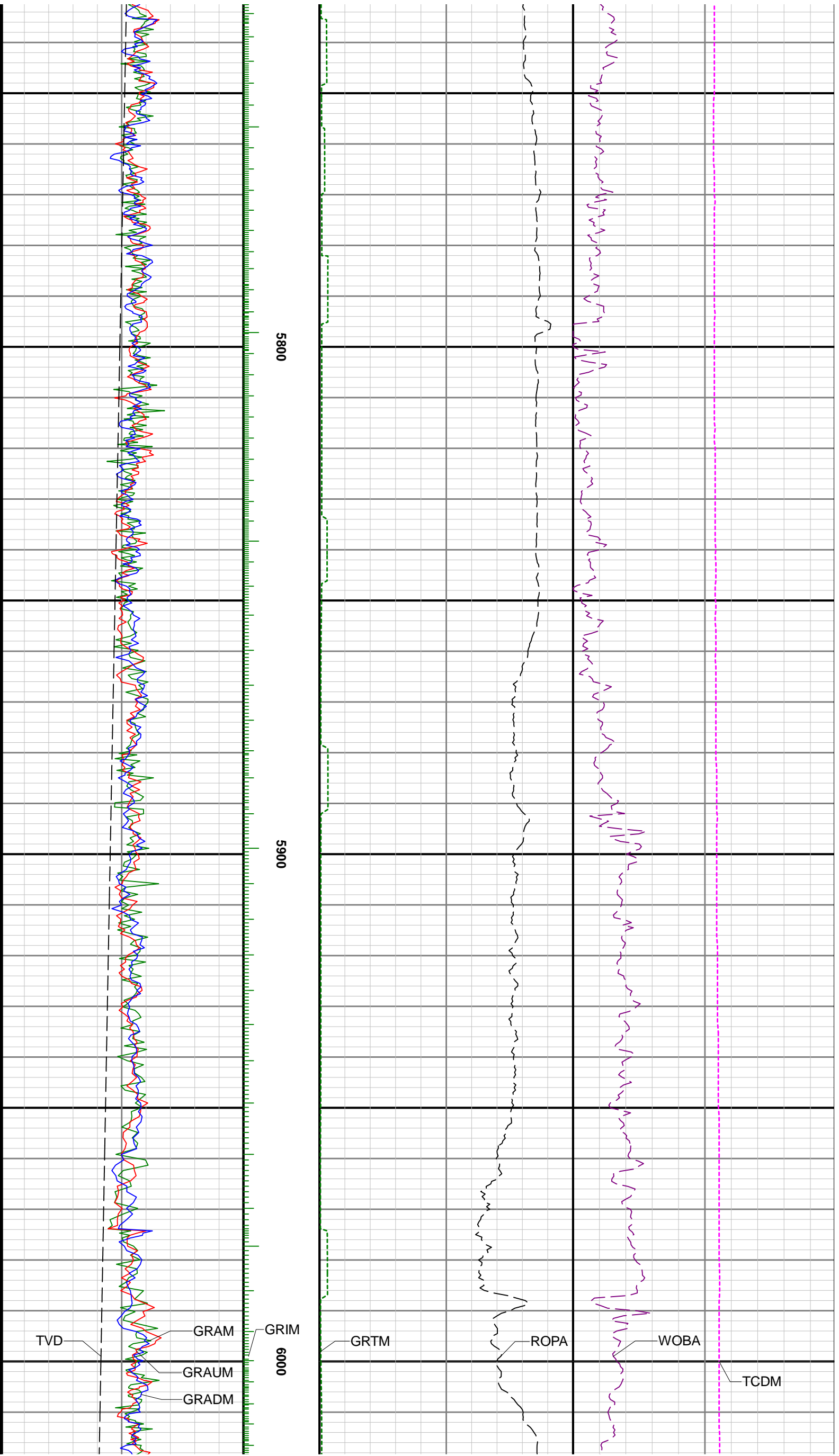
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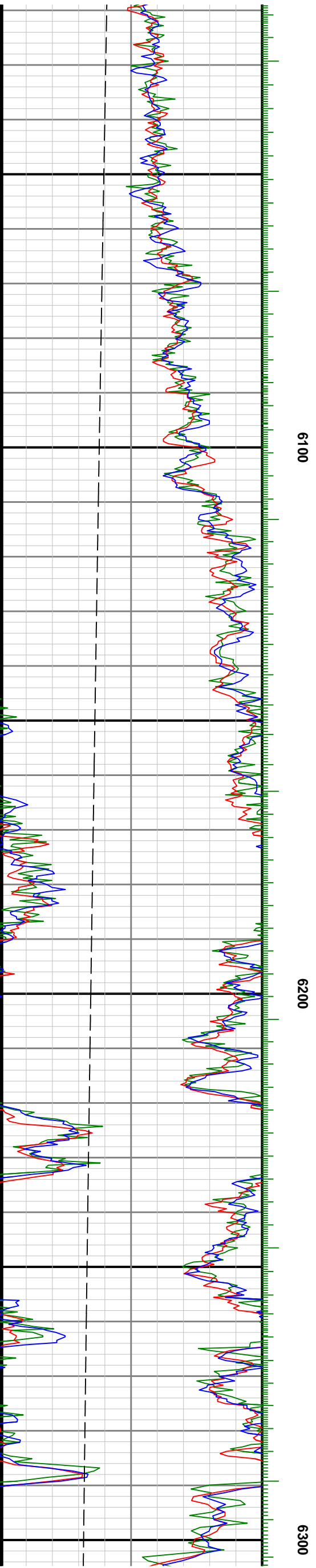
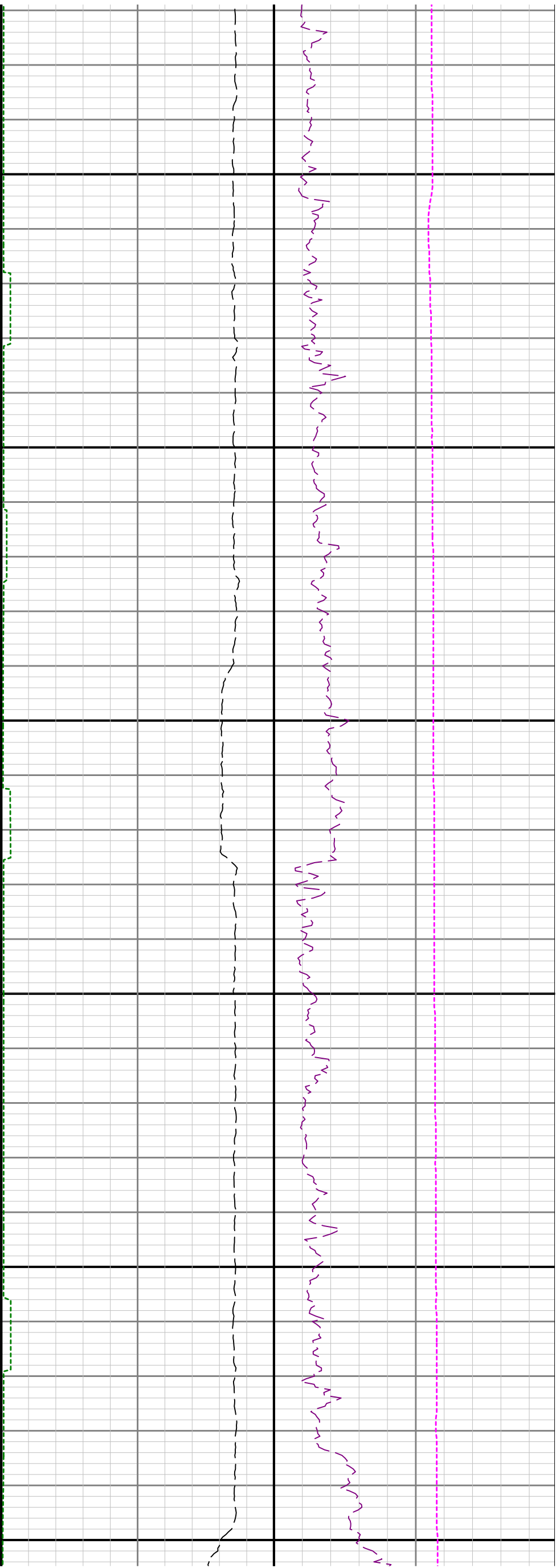
Gamma Ray - Apparent 0.5 ft Average GRAM	MD 1:240 feet	Gamma Time Since Drilled GRTM	Weight On Bit, Average 1 ft Average WOBA
0 200		0 600	0 50
API		min	klb
Azimuthal Gamma Ray - Apparent - Up Quadrant 0.5 ft Average GRAUM		Depth Averaged ROP 3 ft Average ROPA	Downhole Temperature TCDM
0 200		1000 0	0 300
API		ft/h	degF
Azimuthal Gamma Ray - Apparent - Down Quadrant 0.5 ft Average GRADM			
0 200			
API			
True Vertical Depth TVD			
7000 4500			
ft			

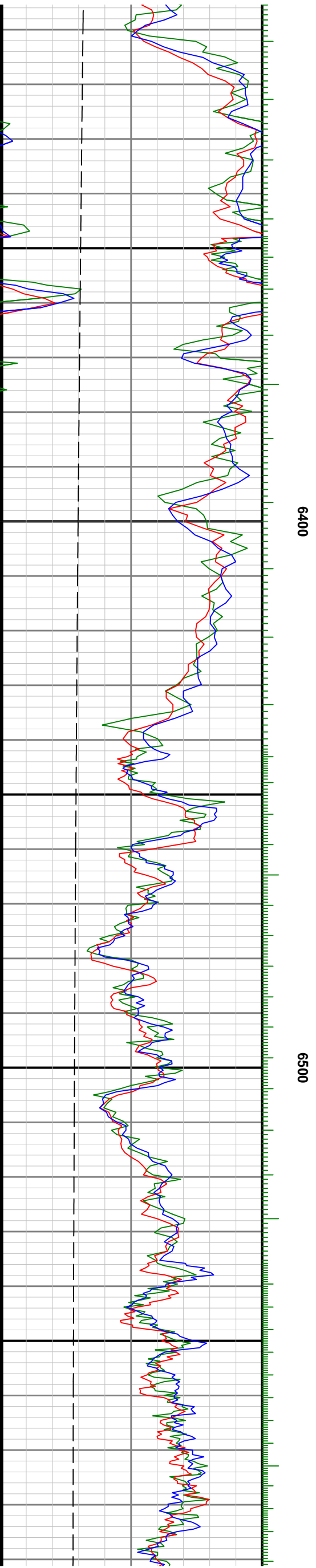
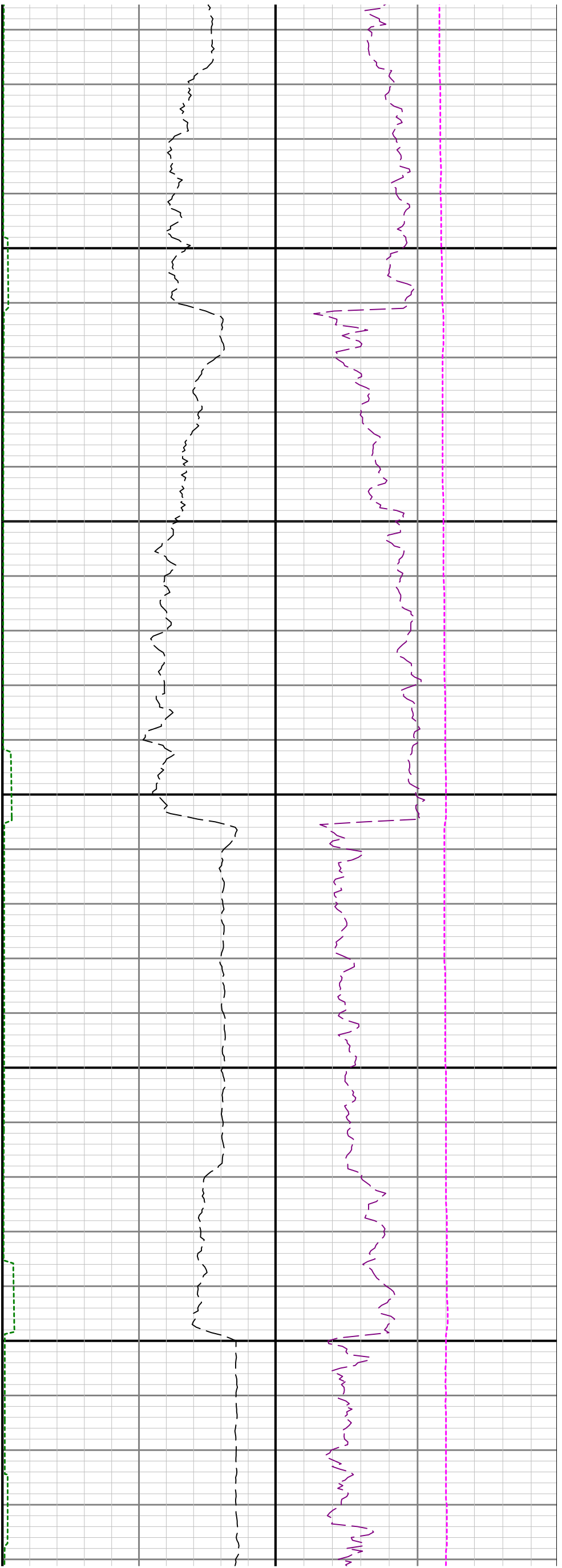


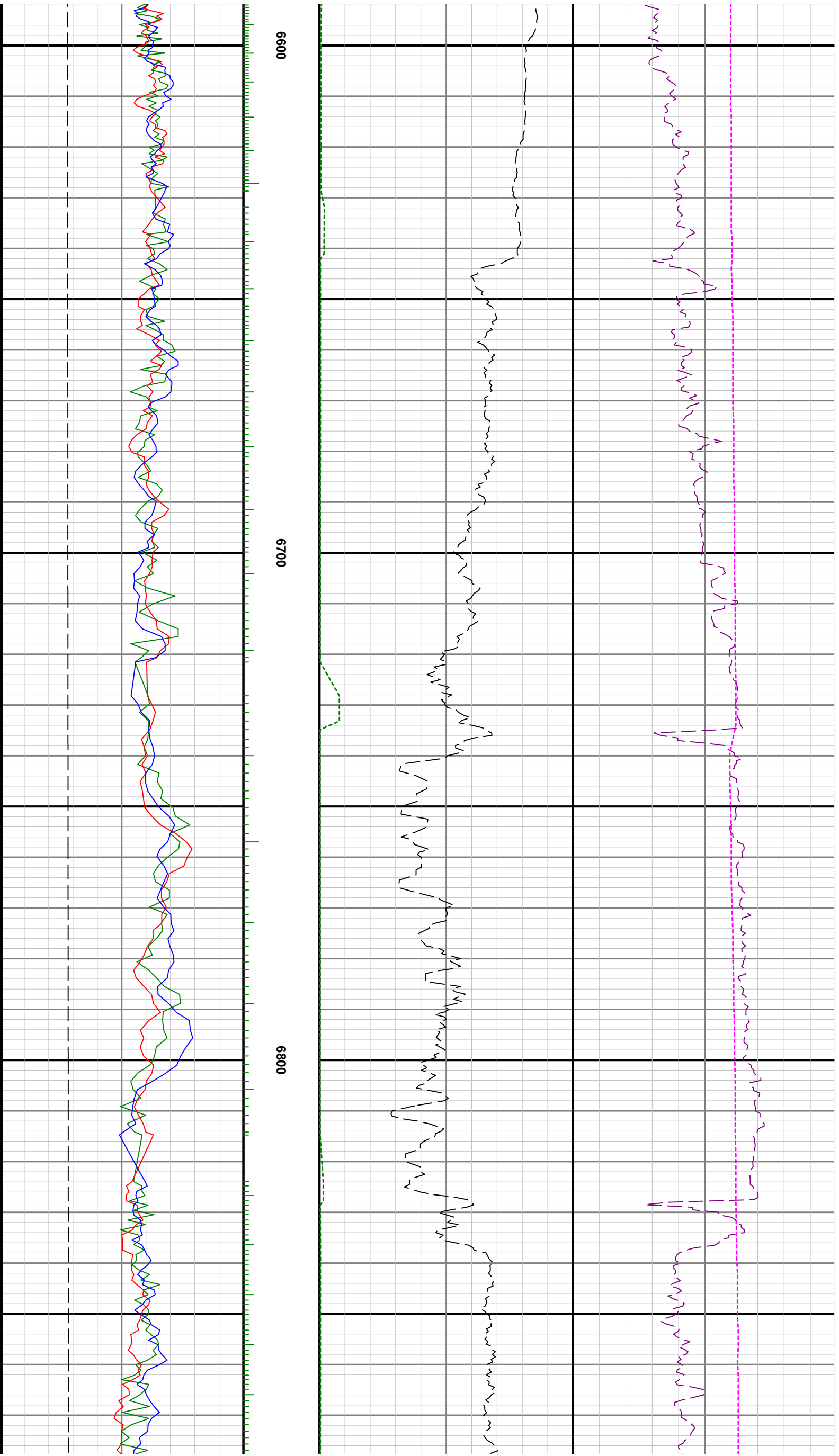


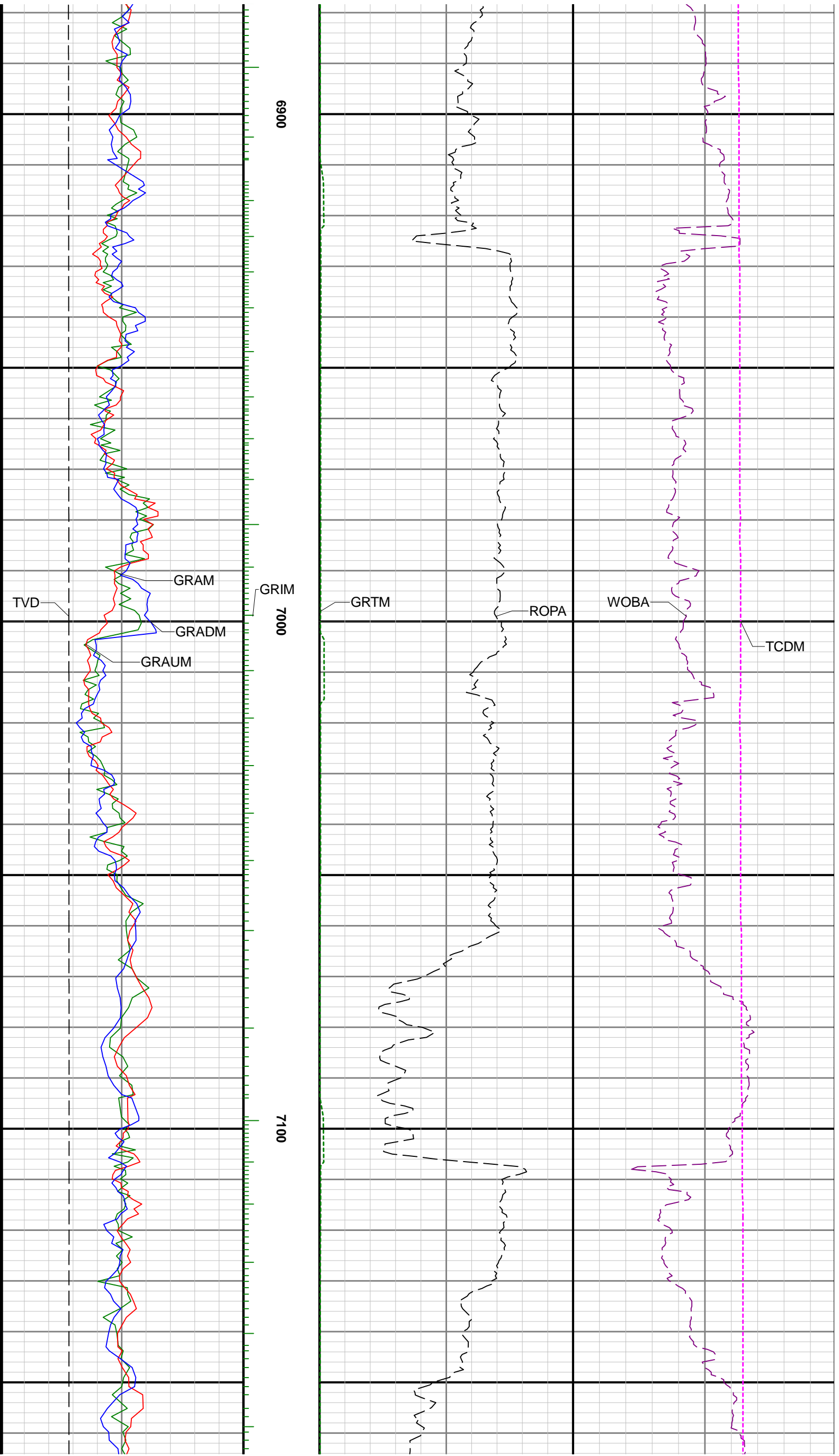


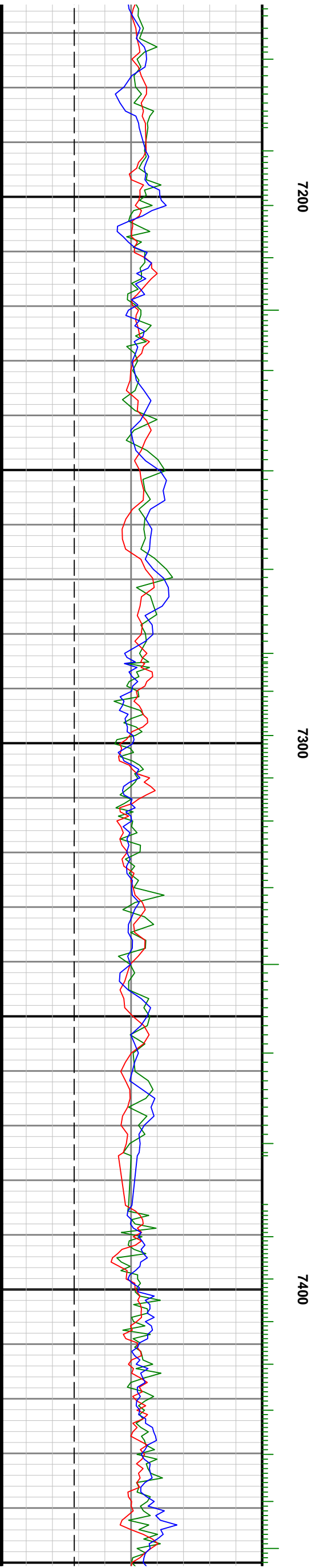
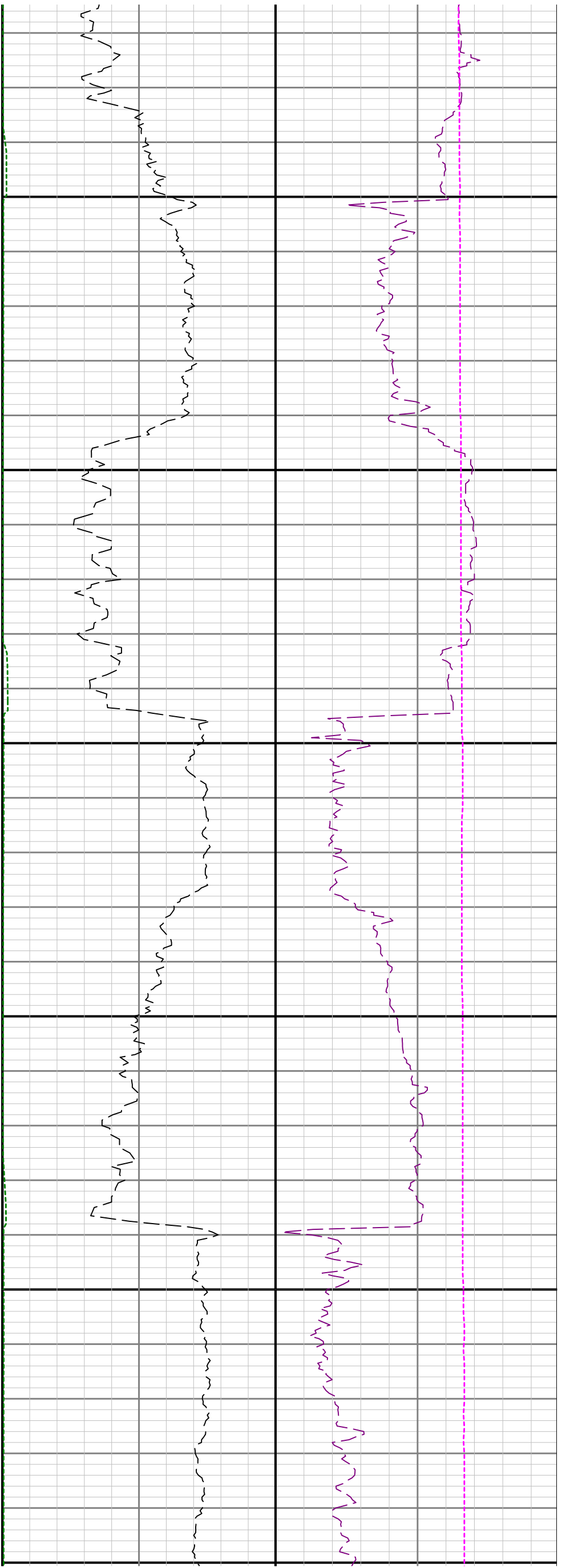


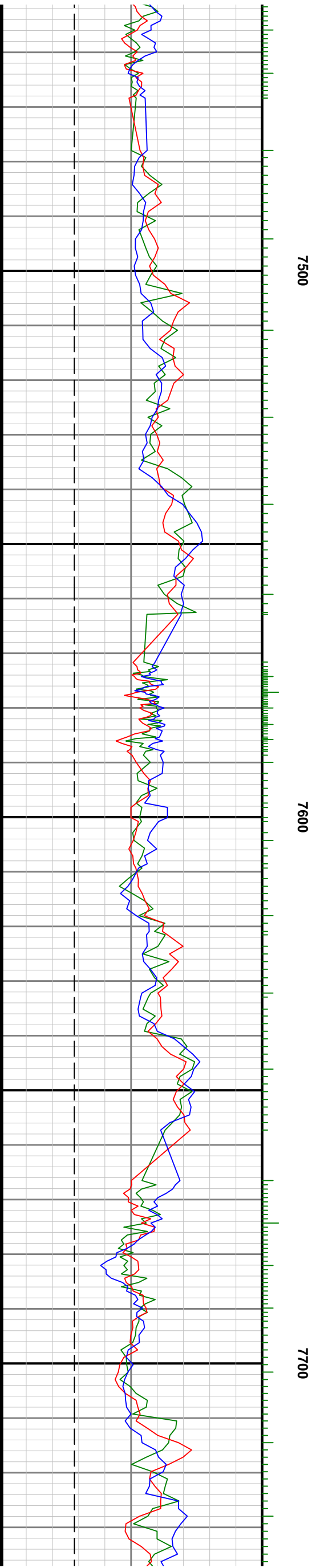
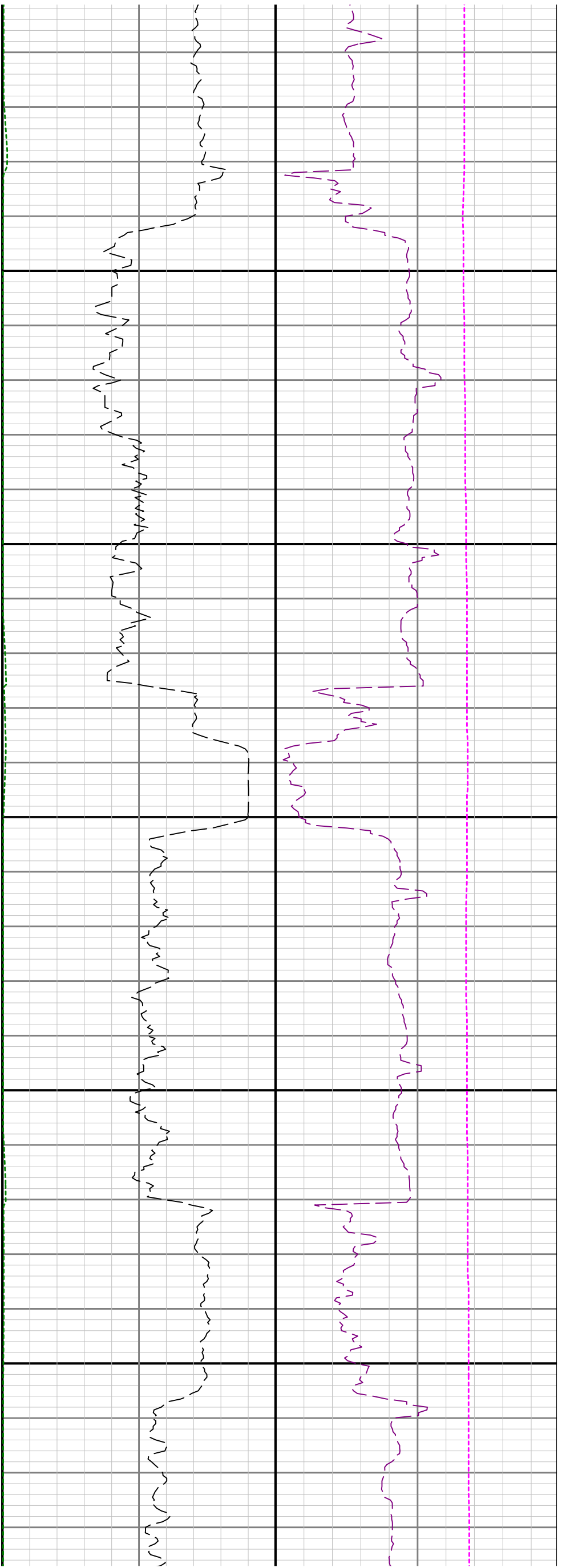


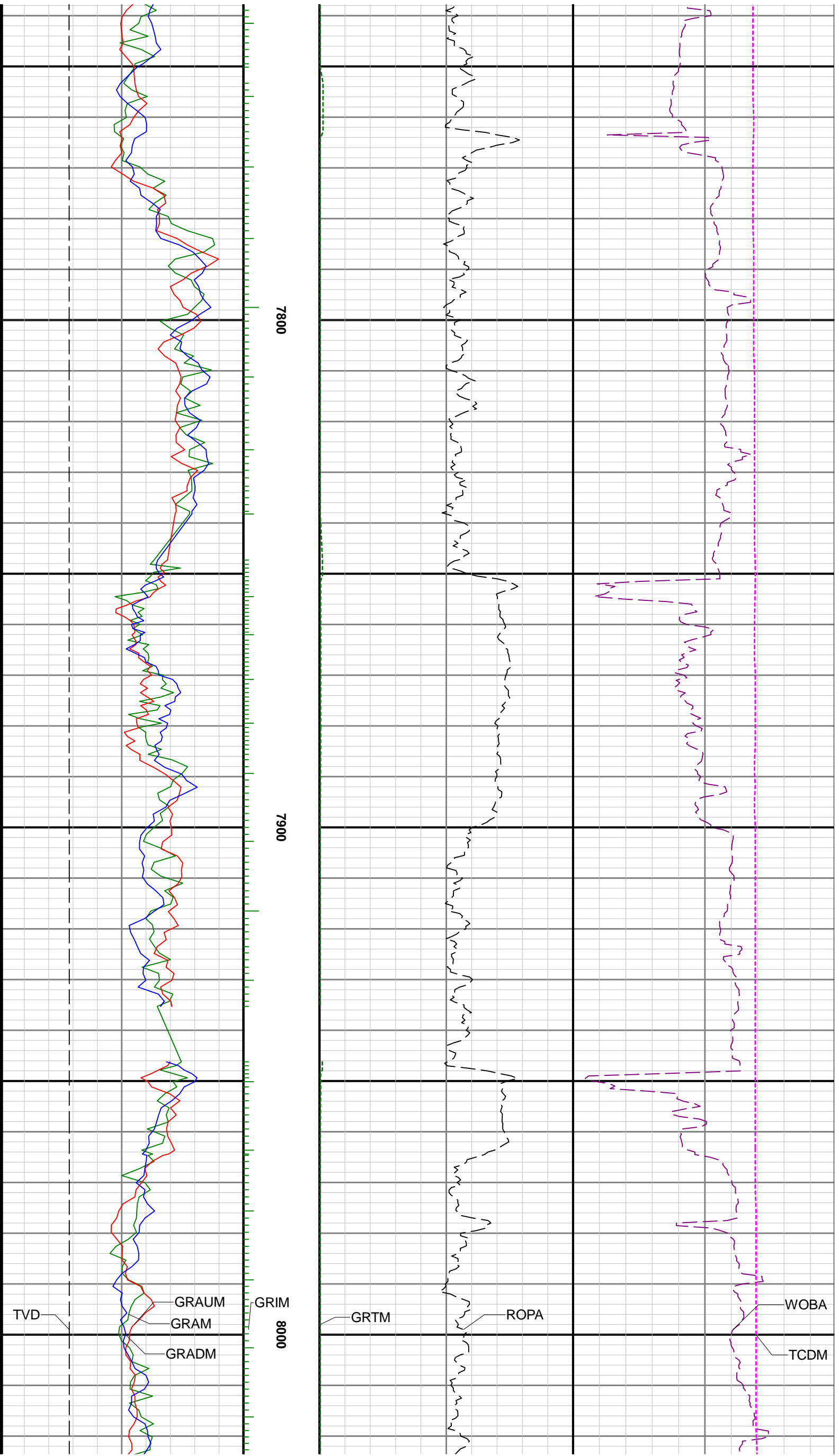


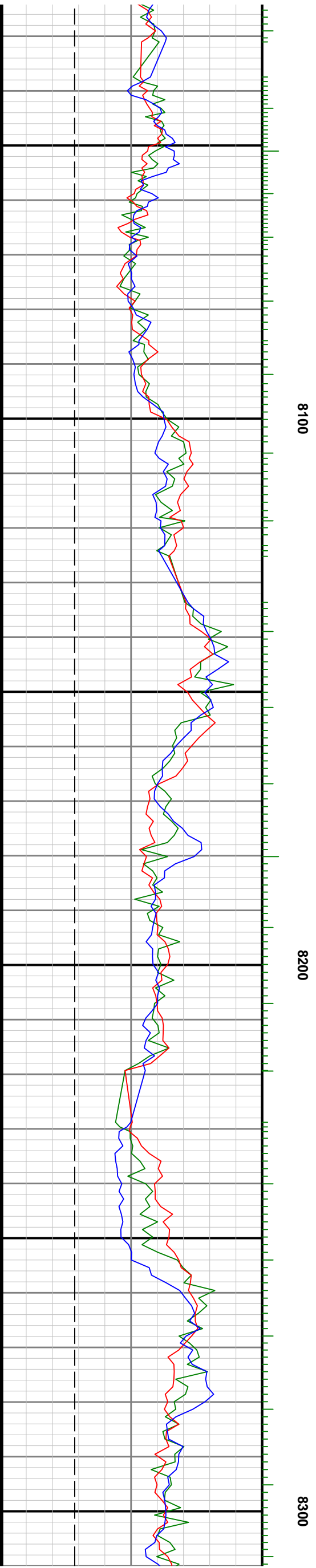
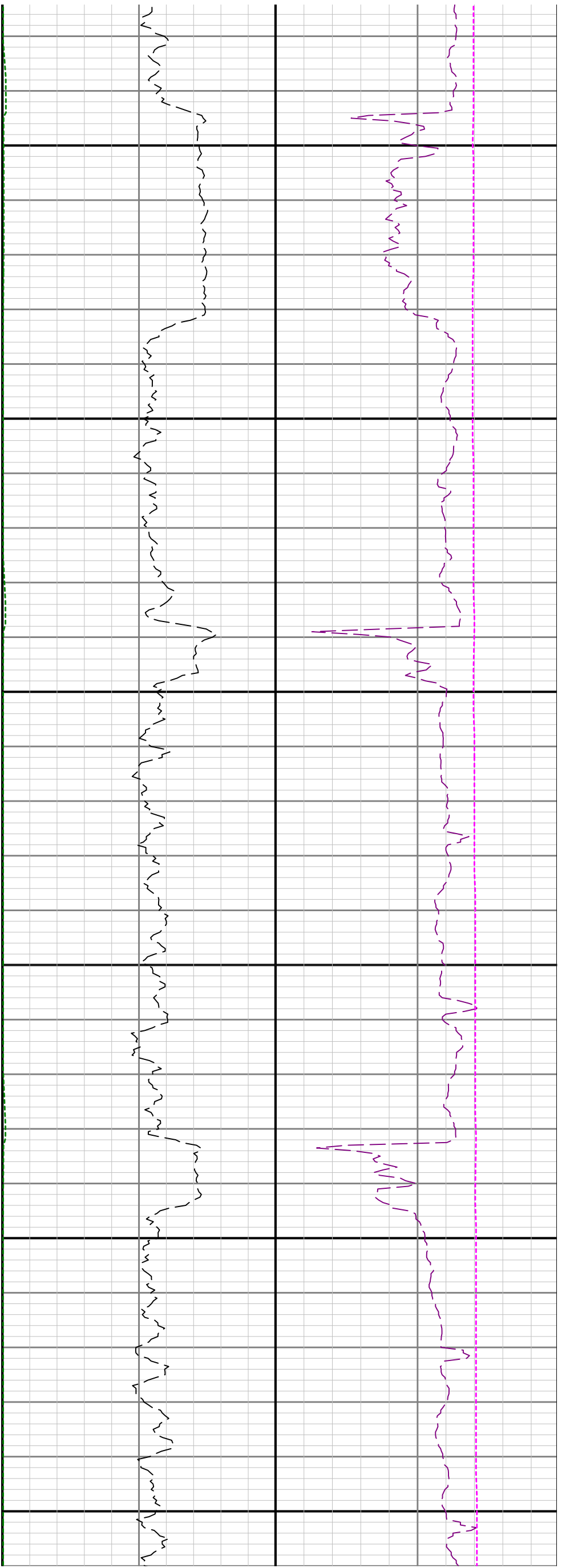


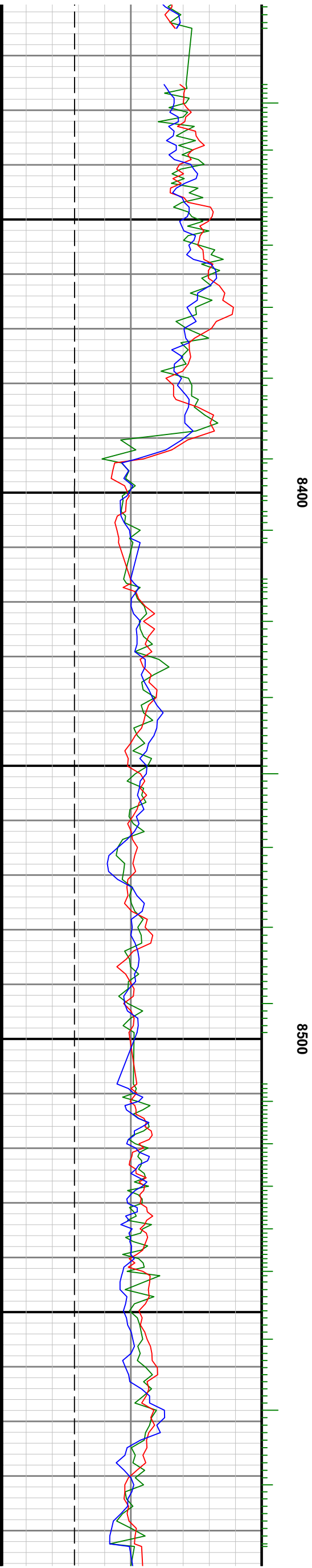
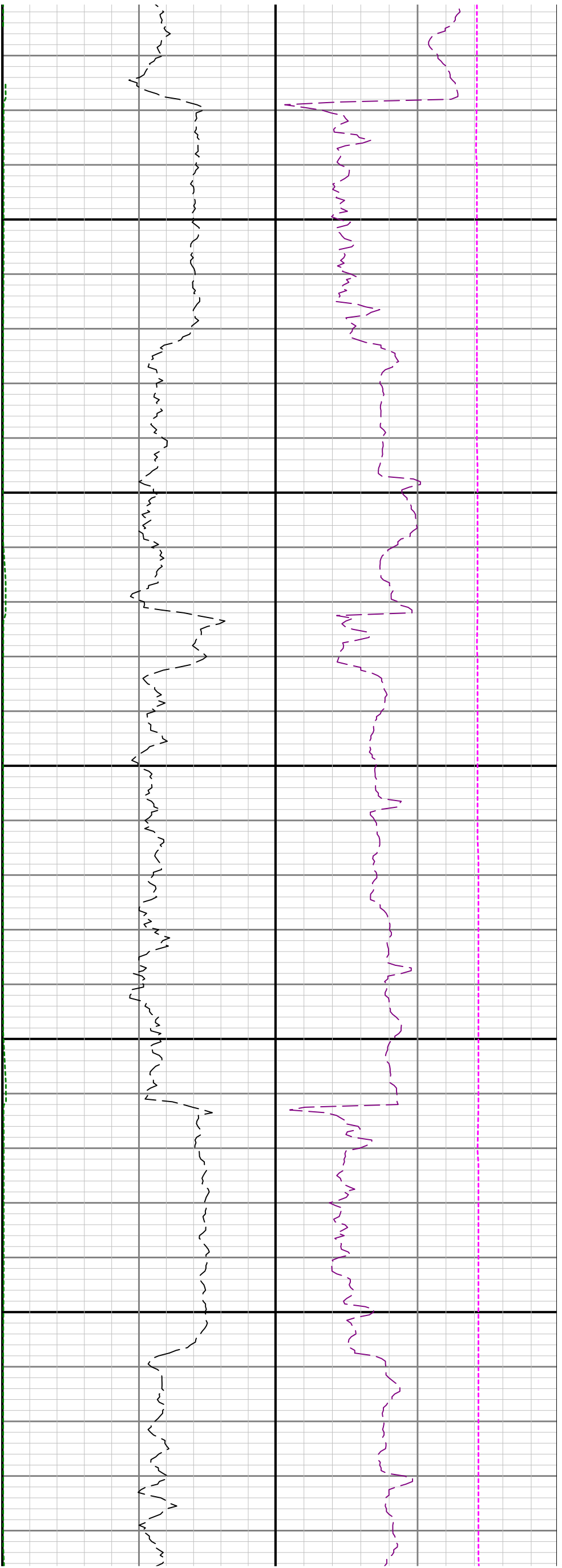


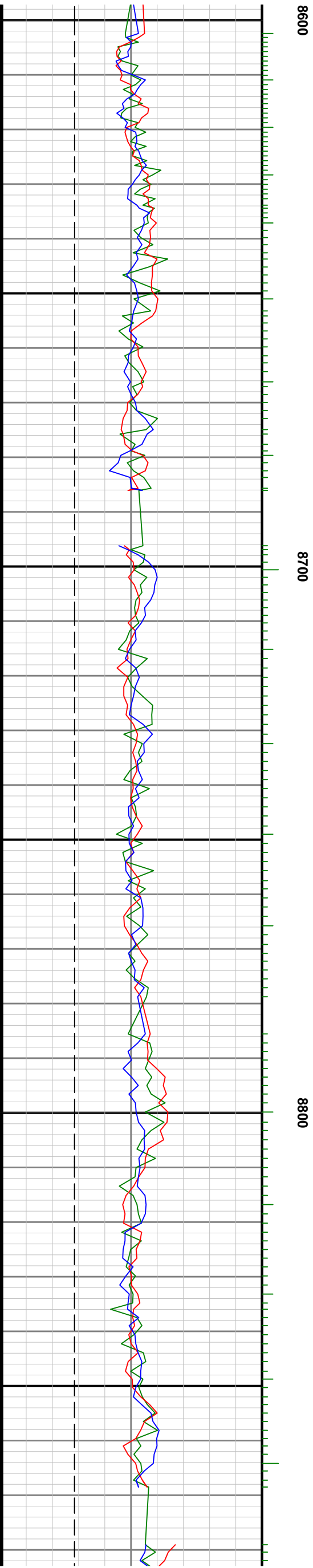
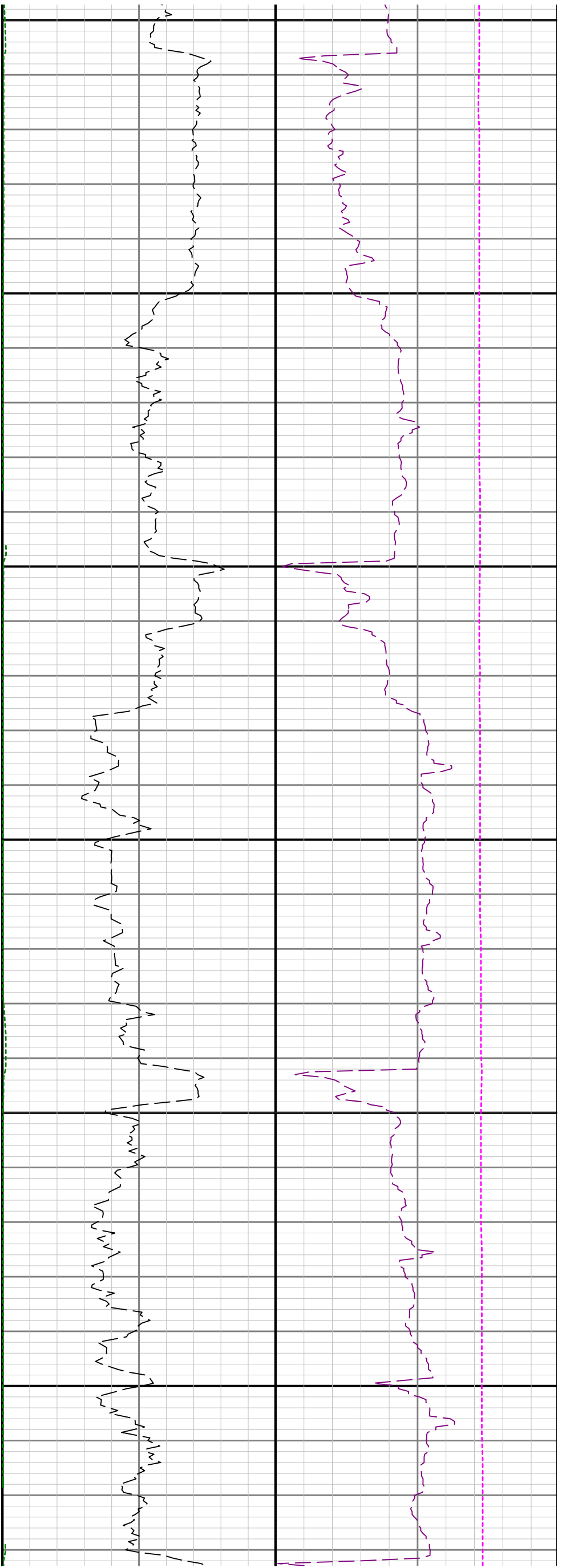


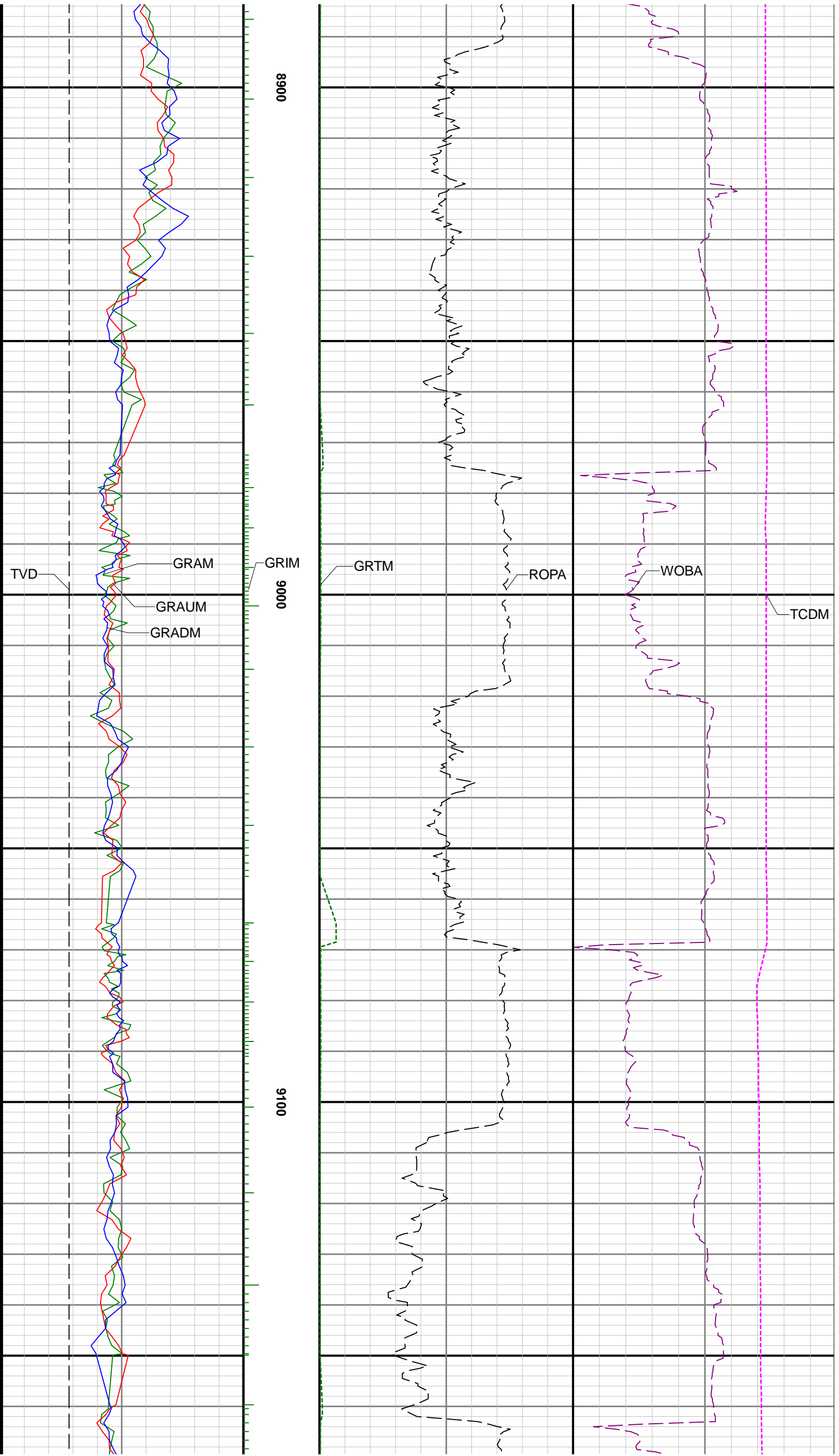


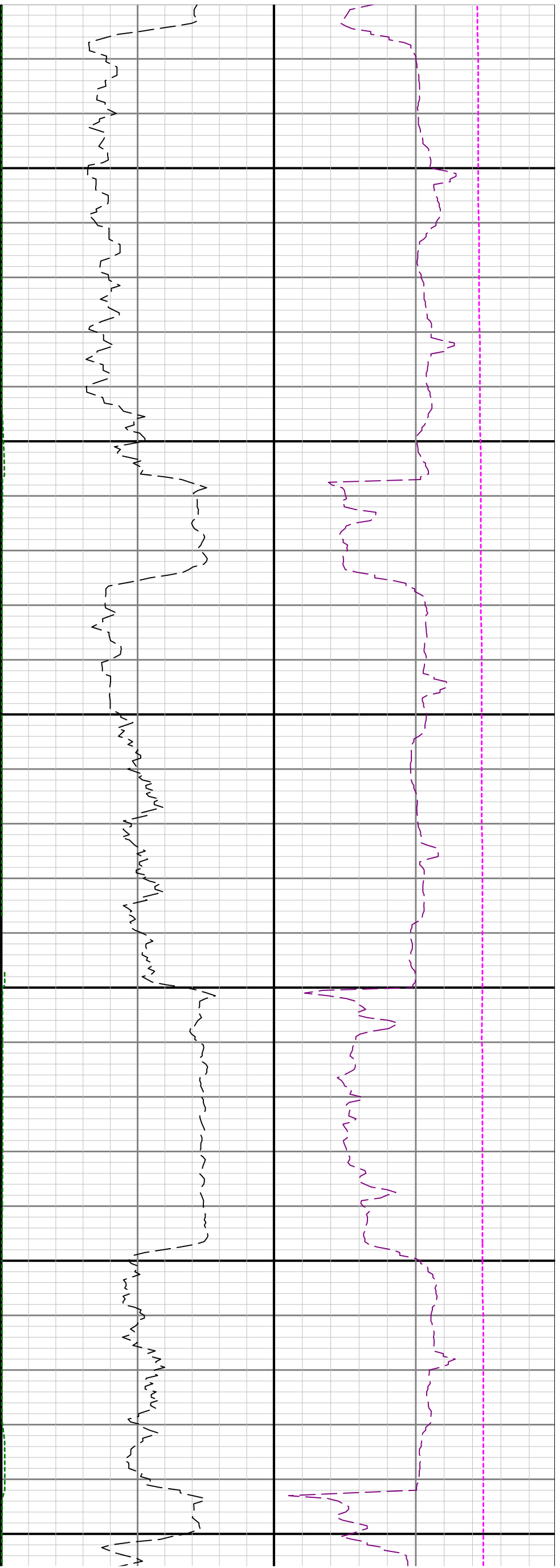








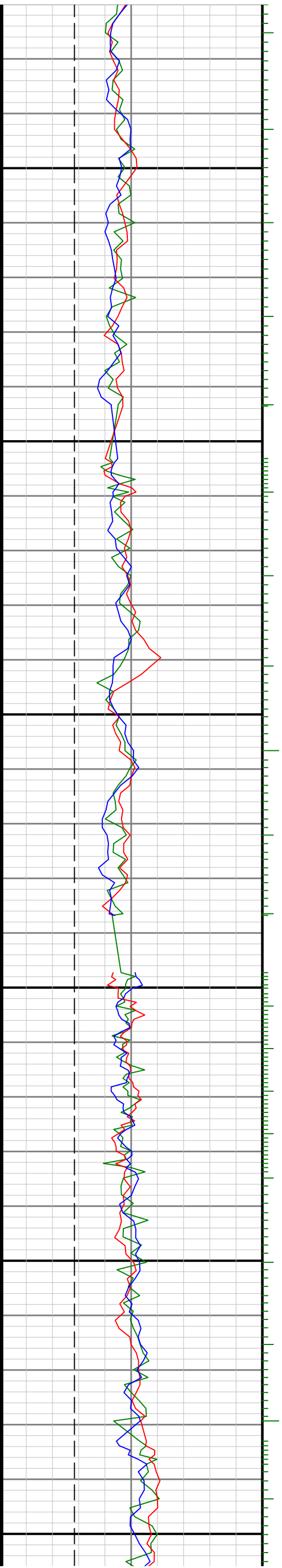


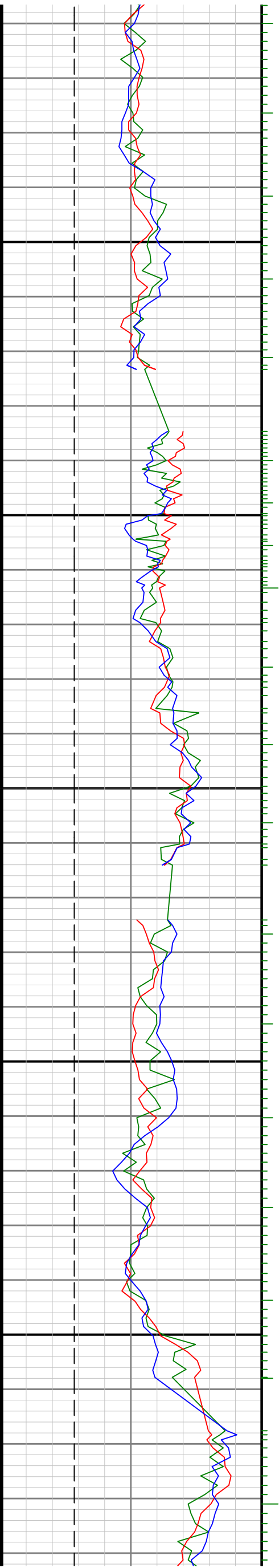


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9300

9400

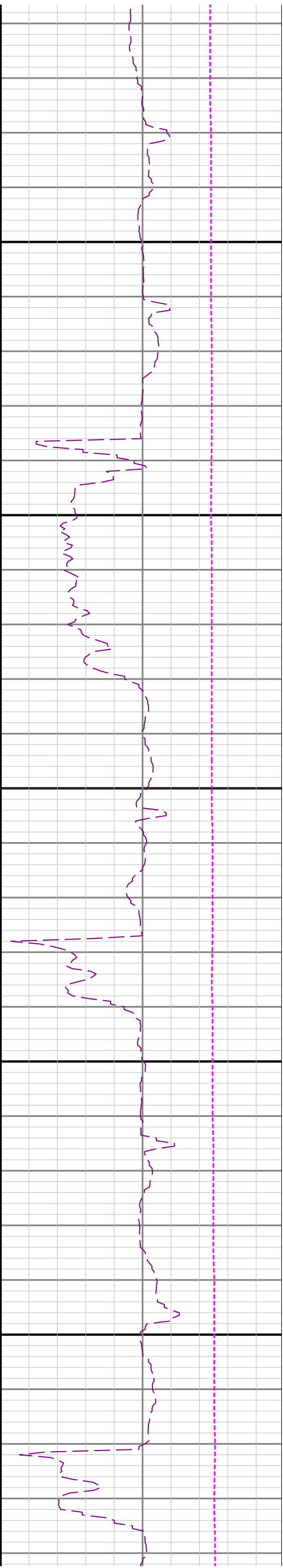
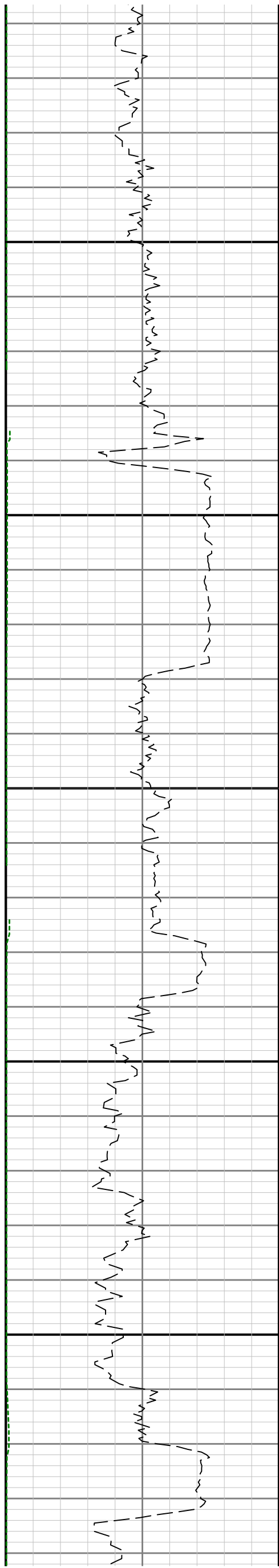


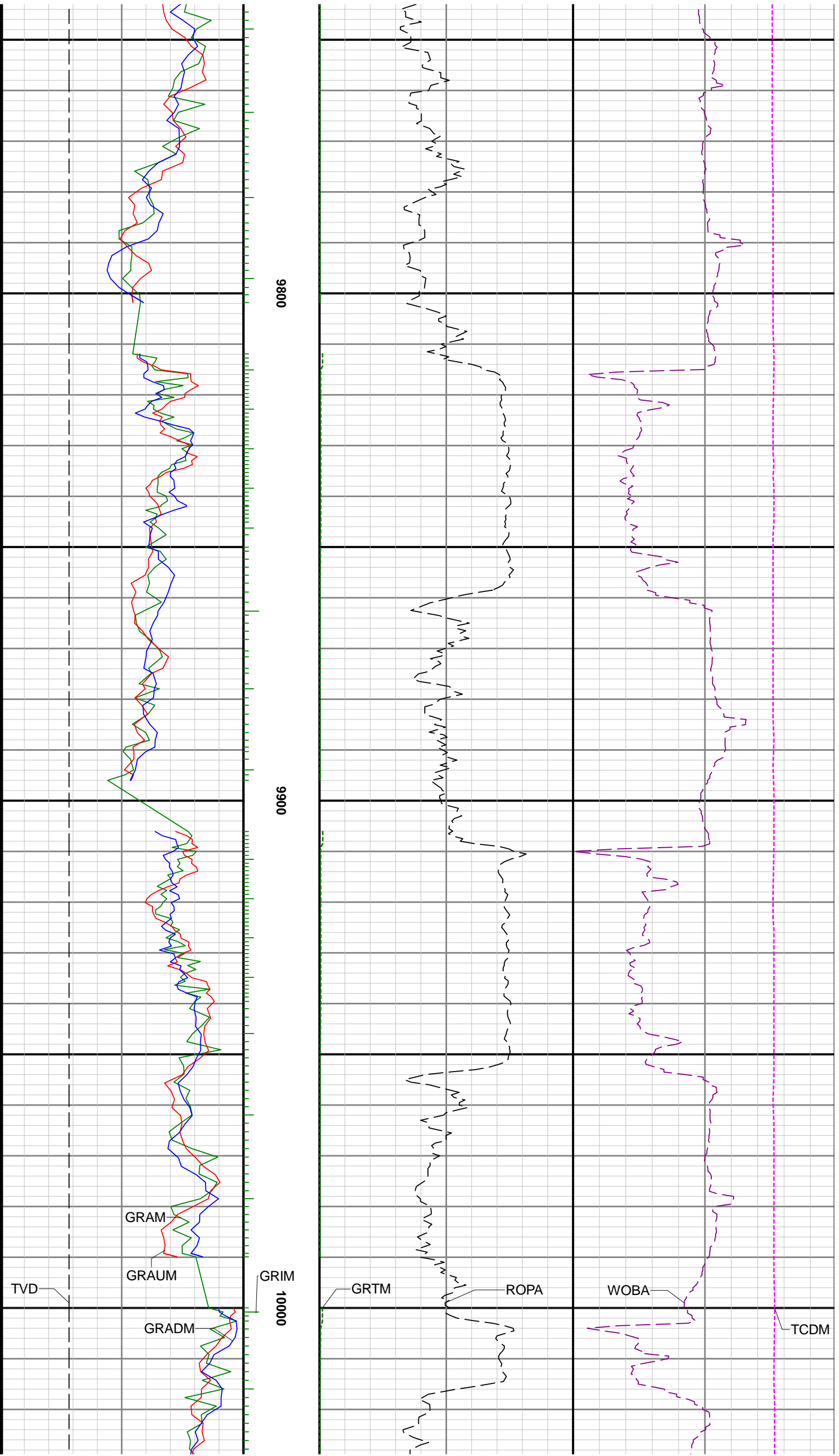


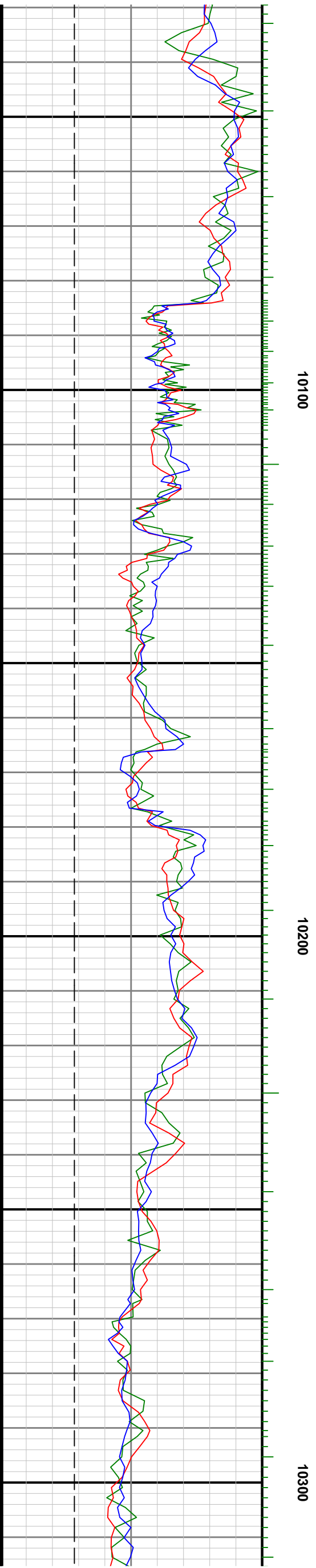
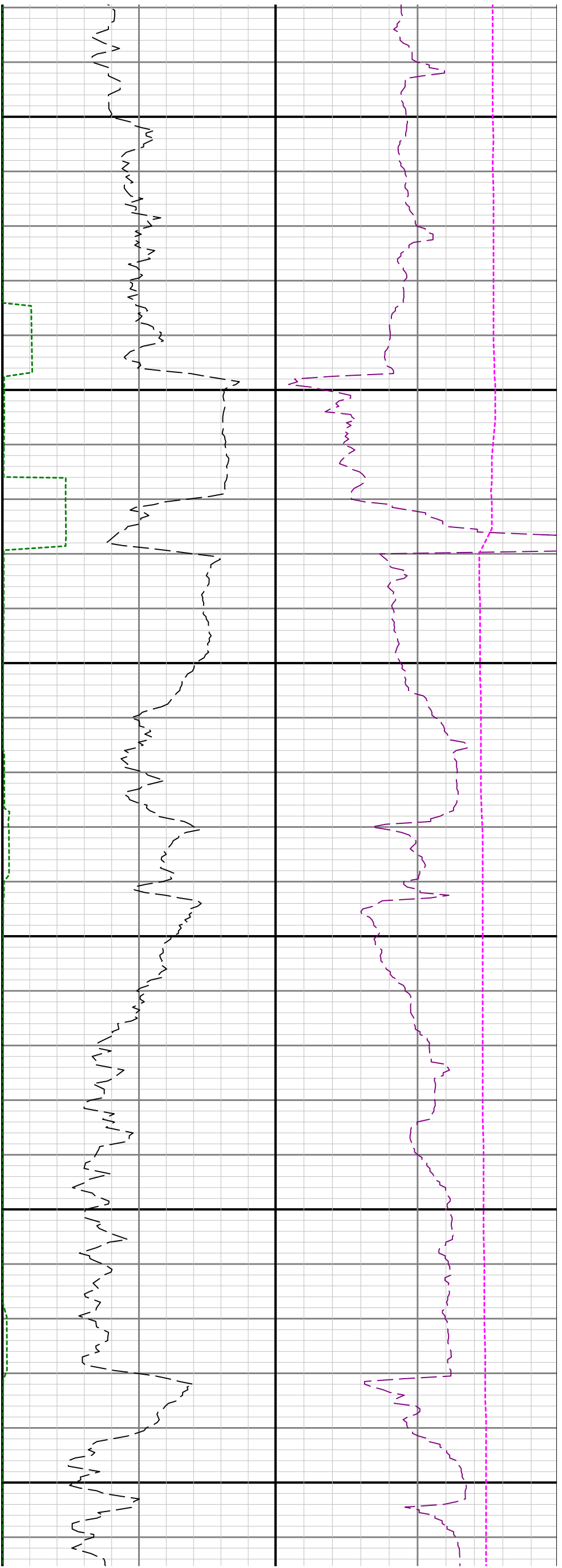
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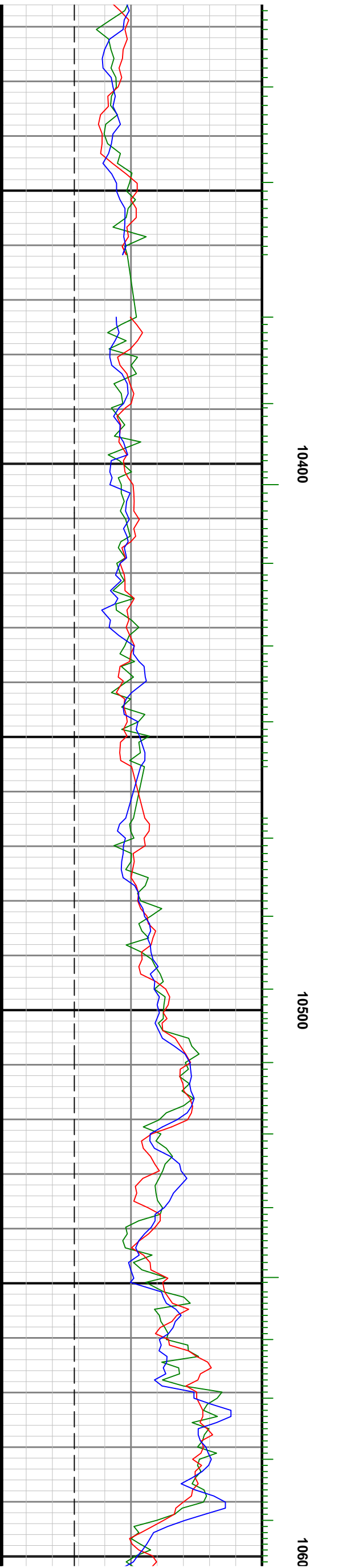
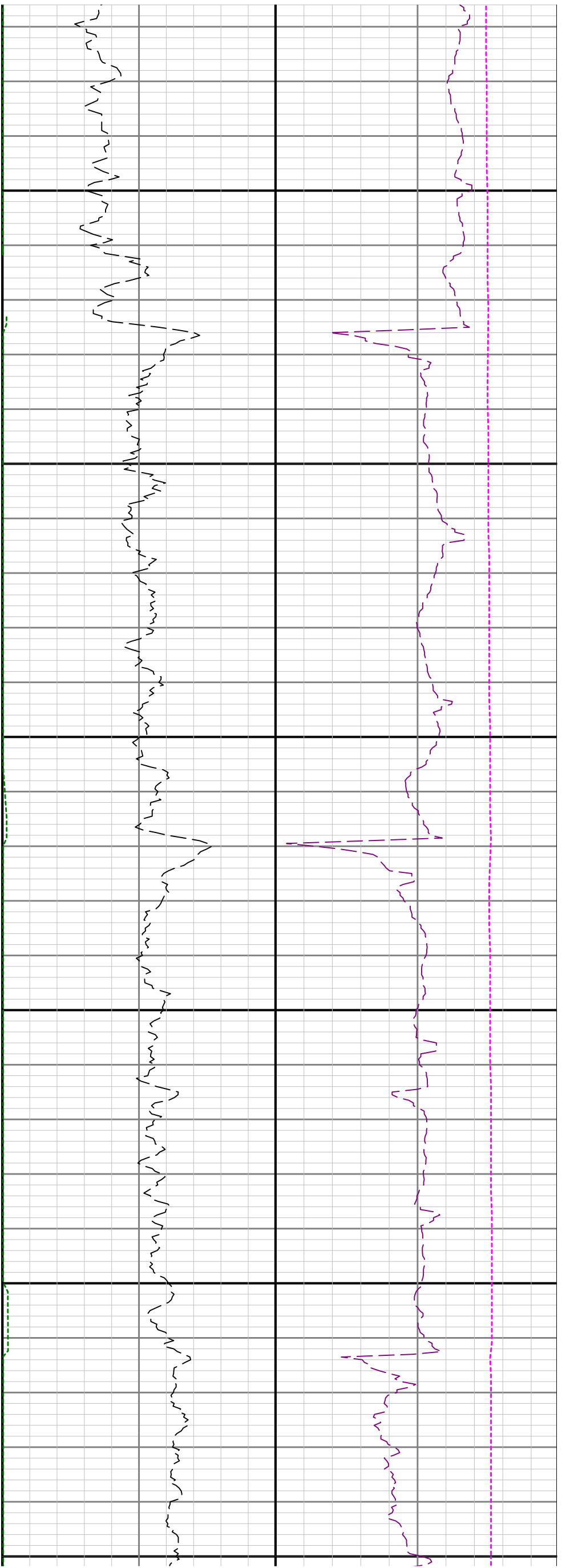
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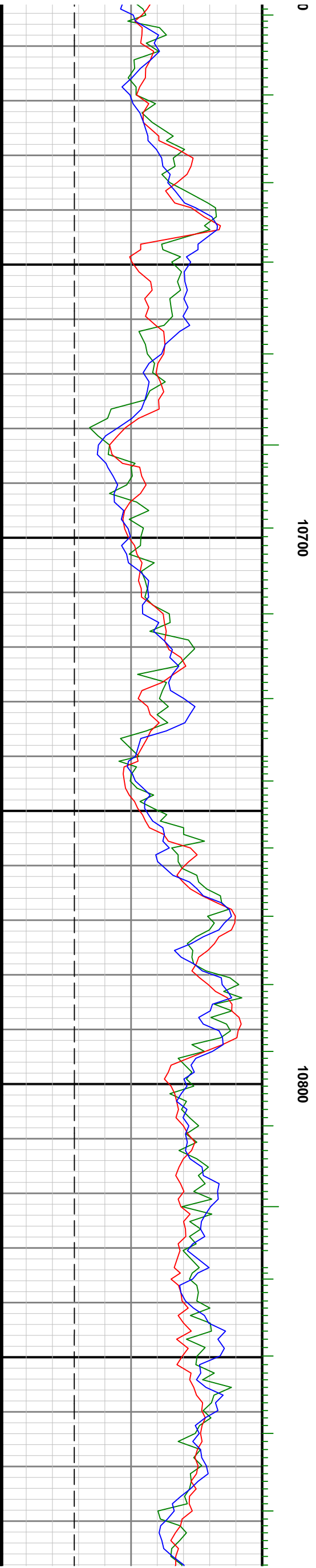
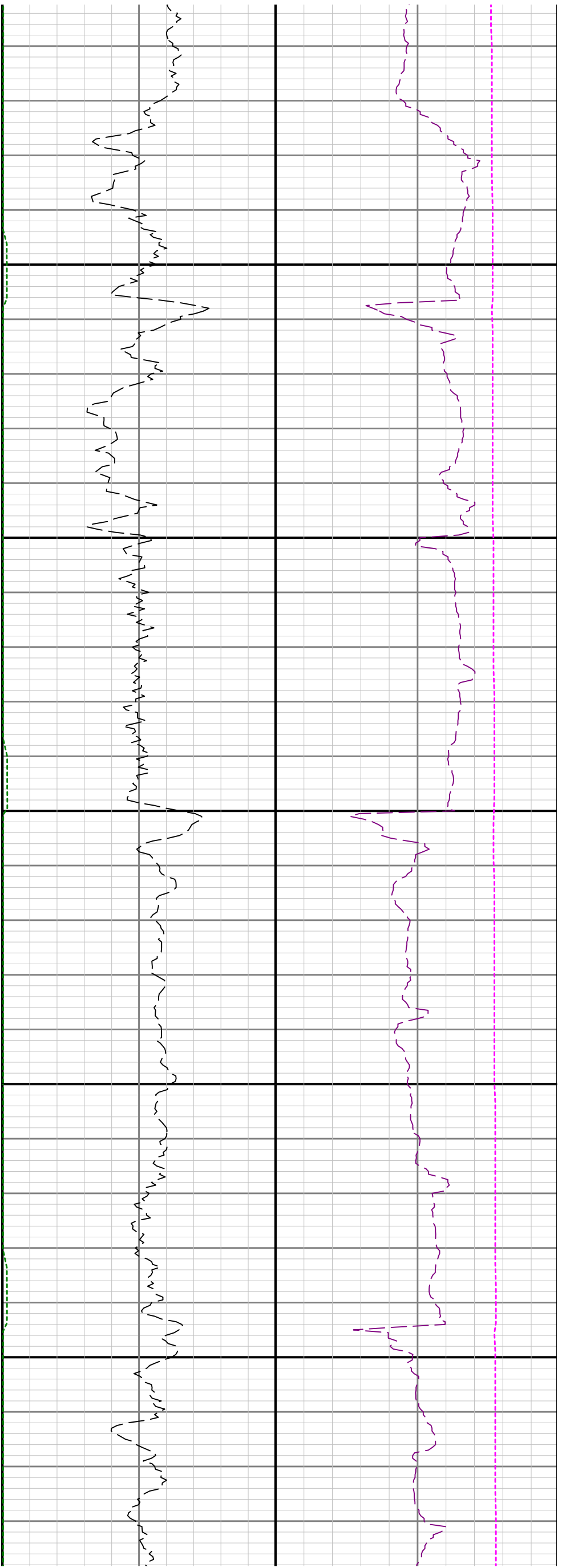
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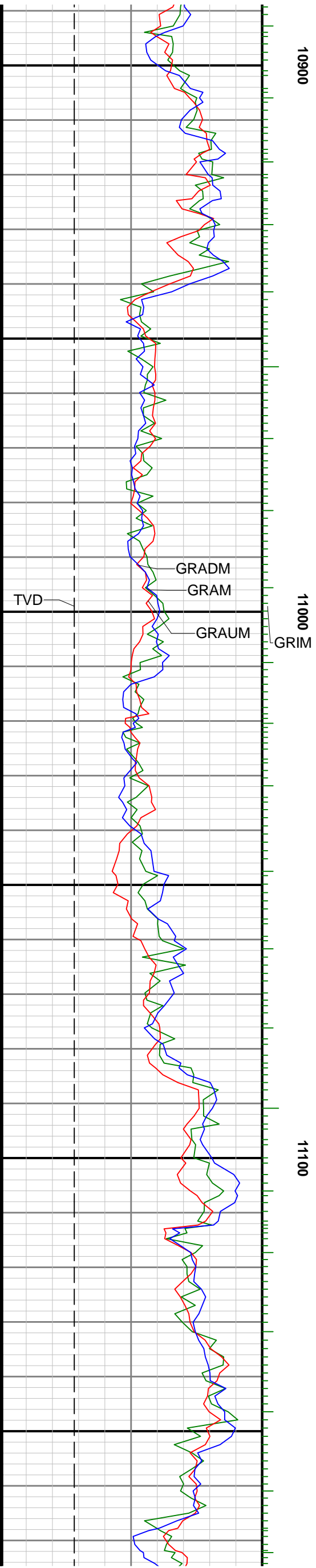
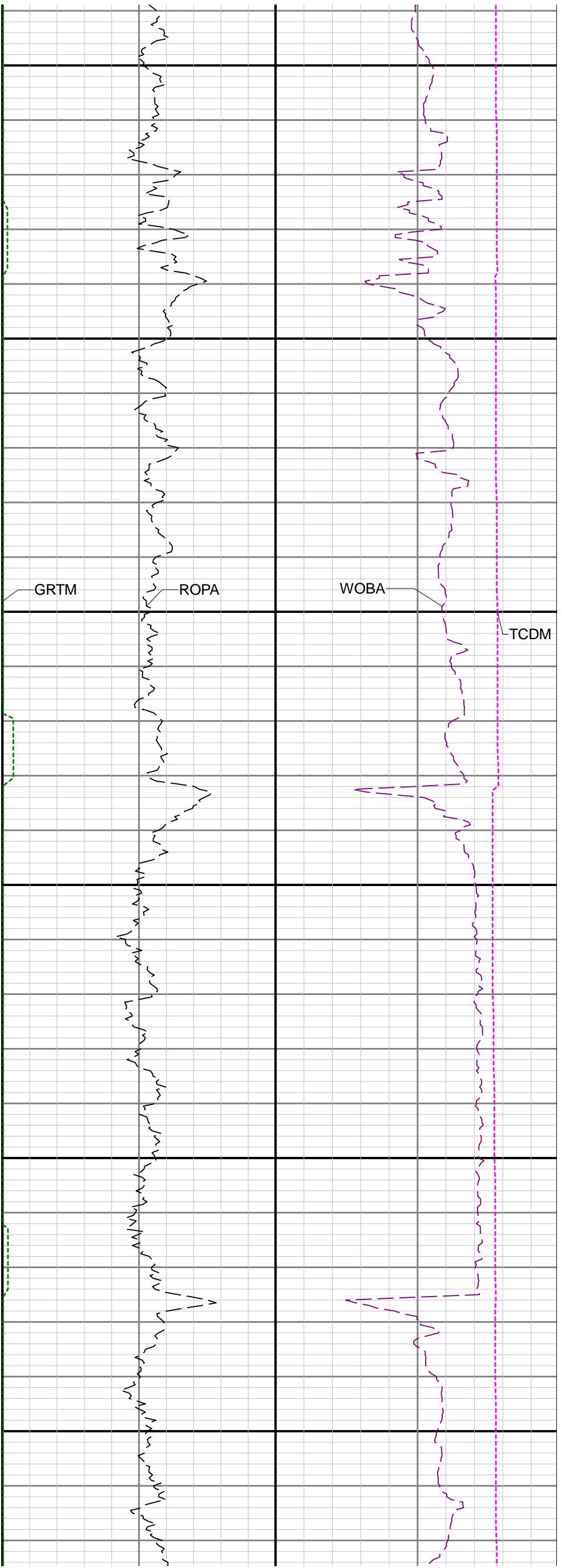


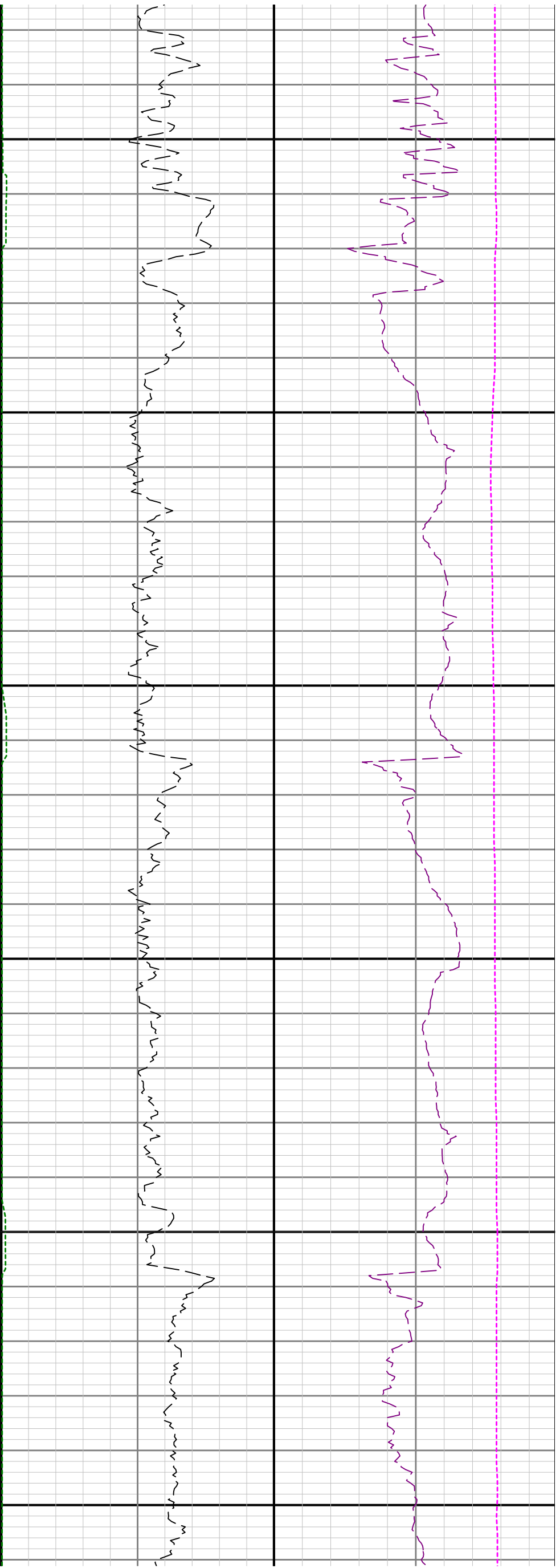












11200

11300

11400

