
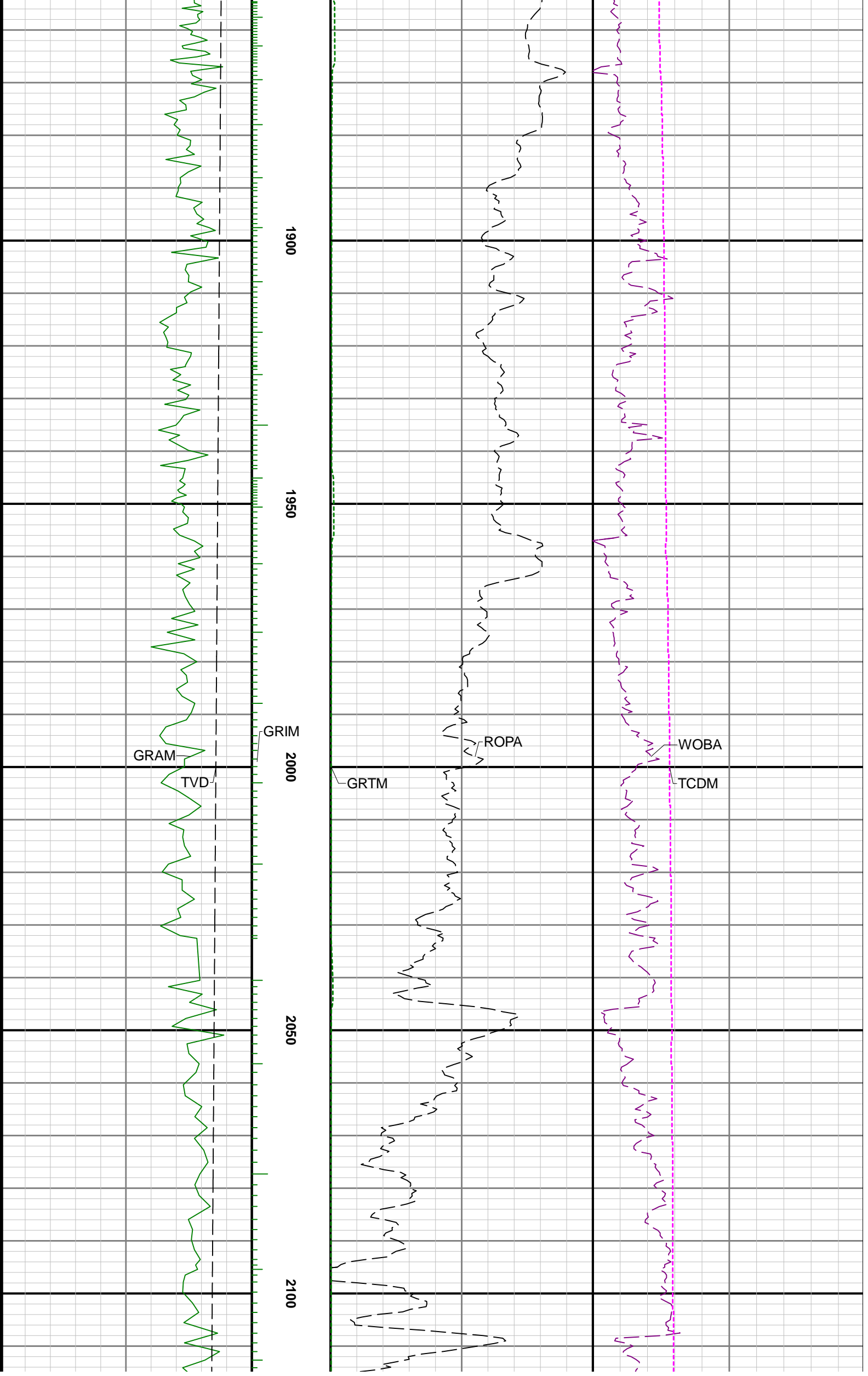
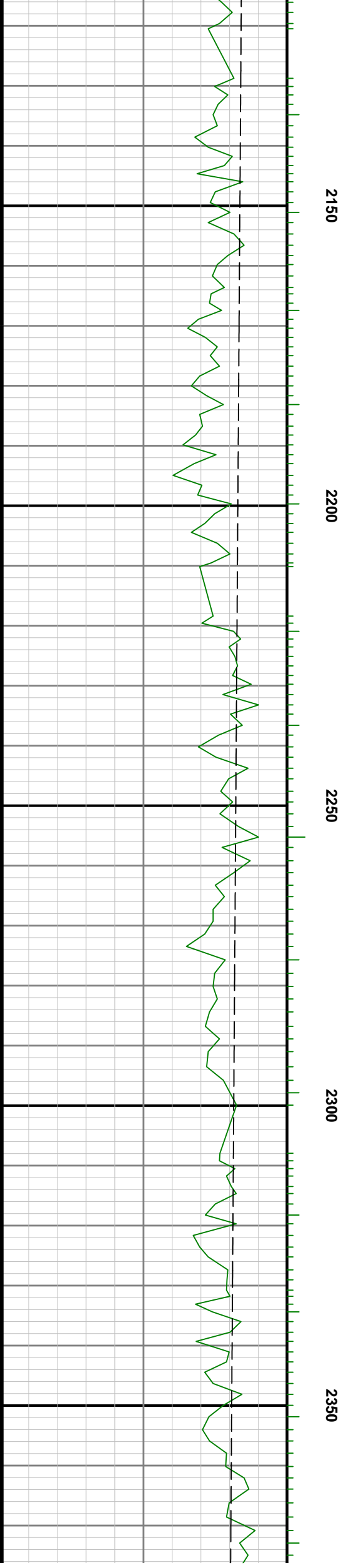
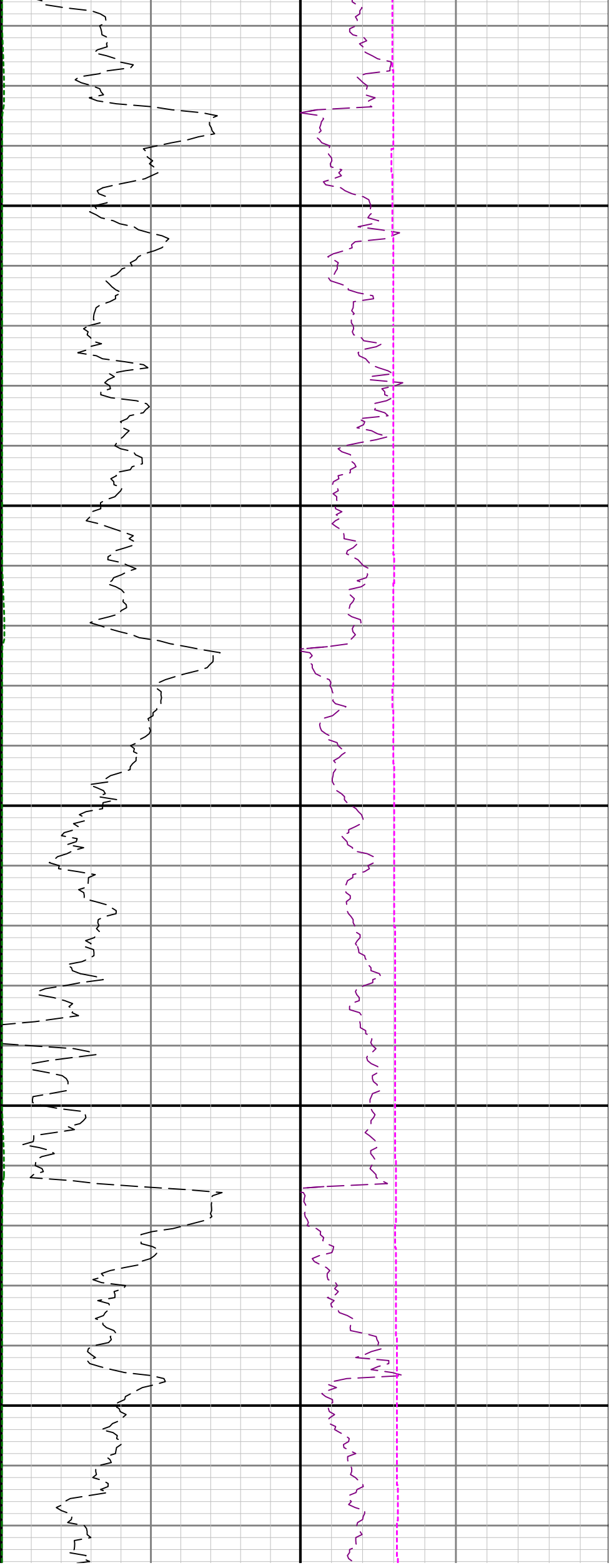
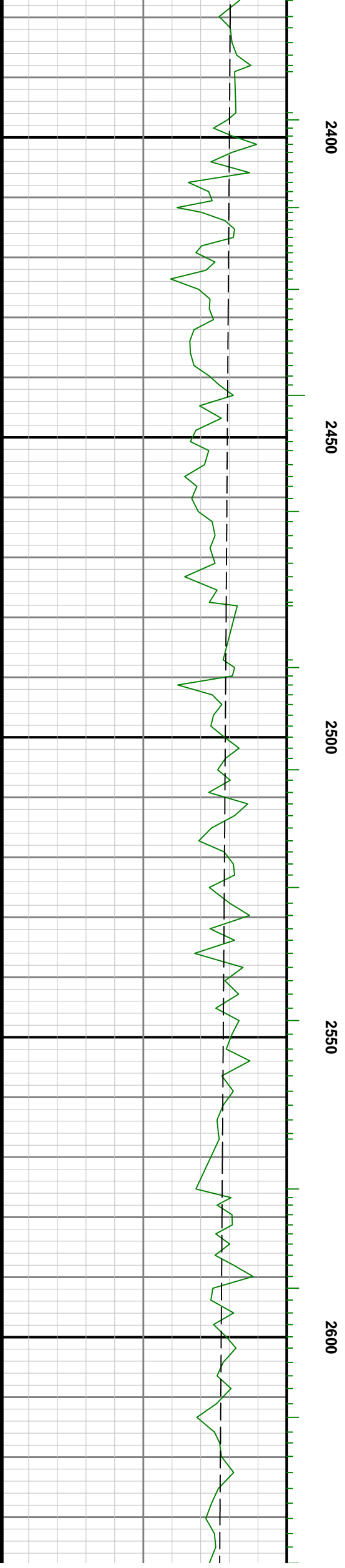


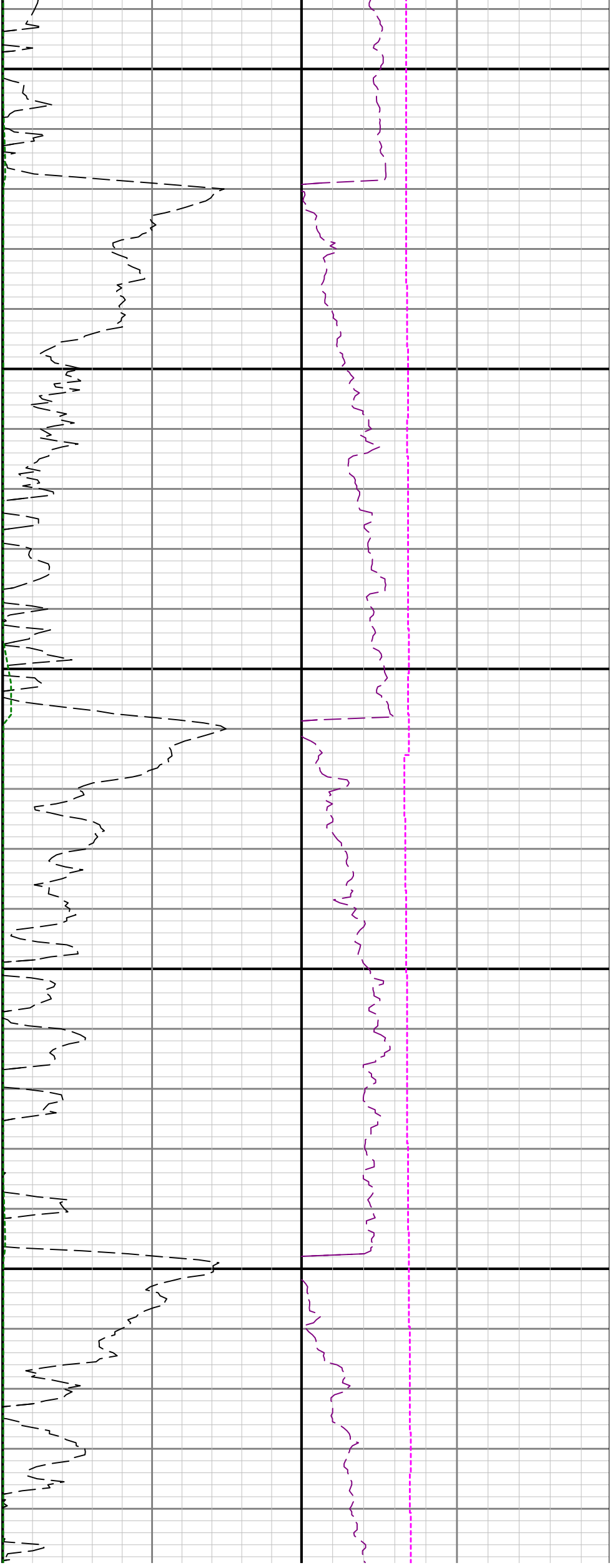
LWD MEMORY LOG												
<div><div><div>BAKER HUGHES</div><div>a GE company</div></div><div></div></div>			Gamma Ray									
Scale: 1:240 Measured Depth			Company: Great Western Operating CO LLC									
Well: OTTESSEN LE 09-368HC												
Field: Weld County												
County: Weld			Country: United States									
State: Colorado												
Driller's Depth												
Depth Reference:			Surface Location:						Other Services:			
Status: Final Print			Latitude: 040° 00' 16.560" N Longitude: 104° 46' 40.231" W						Directional			
API No: 05-123-44343												
Job ID: 109524961			SEC: 33		TWN: 1N		RGE: 66W					
Permanent Datum (P.D.): Ground Level			Elevation: Above P.D.		5076.50 ft		Elev. KB: 5096.50 ft		N/A			
Log Measured From: Rig Floor					20.00 ft		Elev. DF: 5076.50 ft		Elev. GL:			
Dates			Interval Drilled			Magnetic Field Reference						
Date From: 2018-12-11			Top: (ft) 0.00			Azi Reference North: True			Dip Angle: (deg) 66.49			
Date To: 2018-12-16			Bottom: (ft) 17980.00			Total Magnetic Field Strength: (nT)			52056			
Spud Date: 2018-11-02						Mag to Reference North Correction: (deg)			8.22			
Borehole Record												
Casing Record												
Hole Size (in)			From (ft)		To (ft)		Size (in)		Weight (lb/ft)		From (ft) To (ft)	
13.500			20.00		1773.00		9.625		36.00		20.00 1773.00	
8.500			1773.00		17980.00							











2650

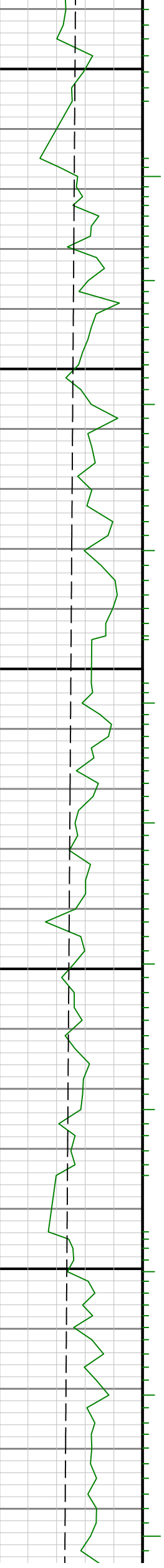
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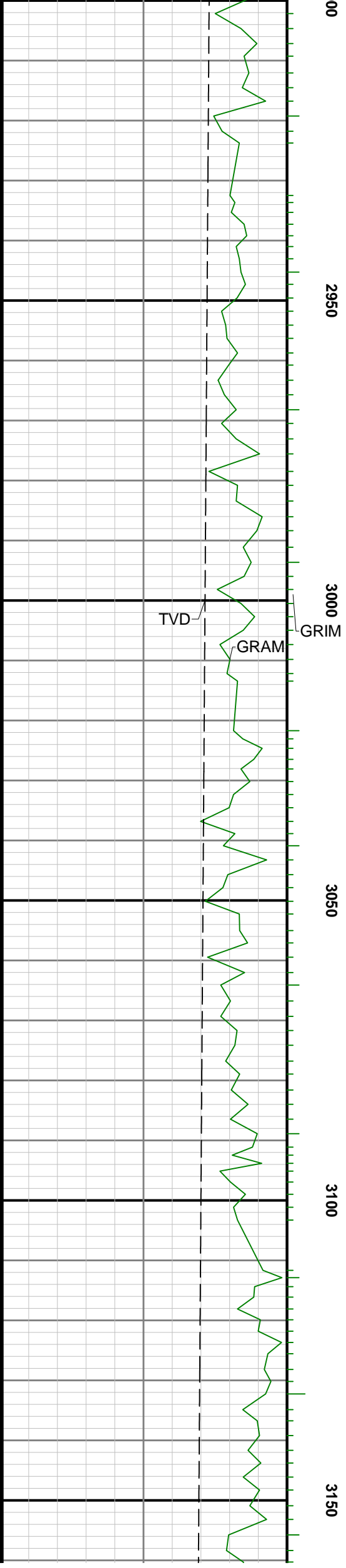
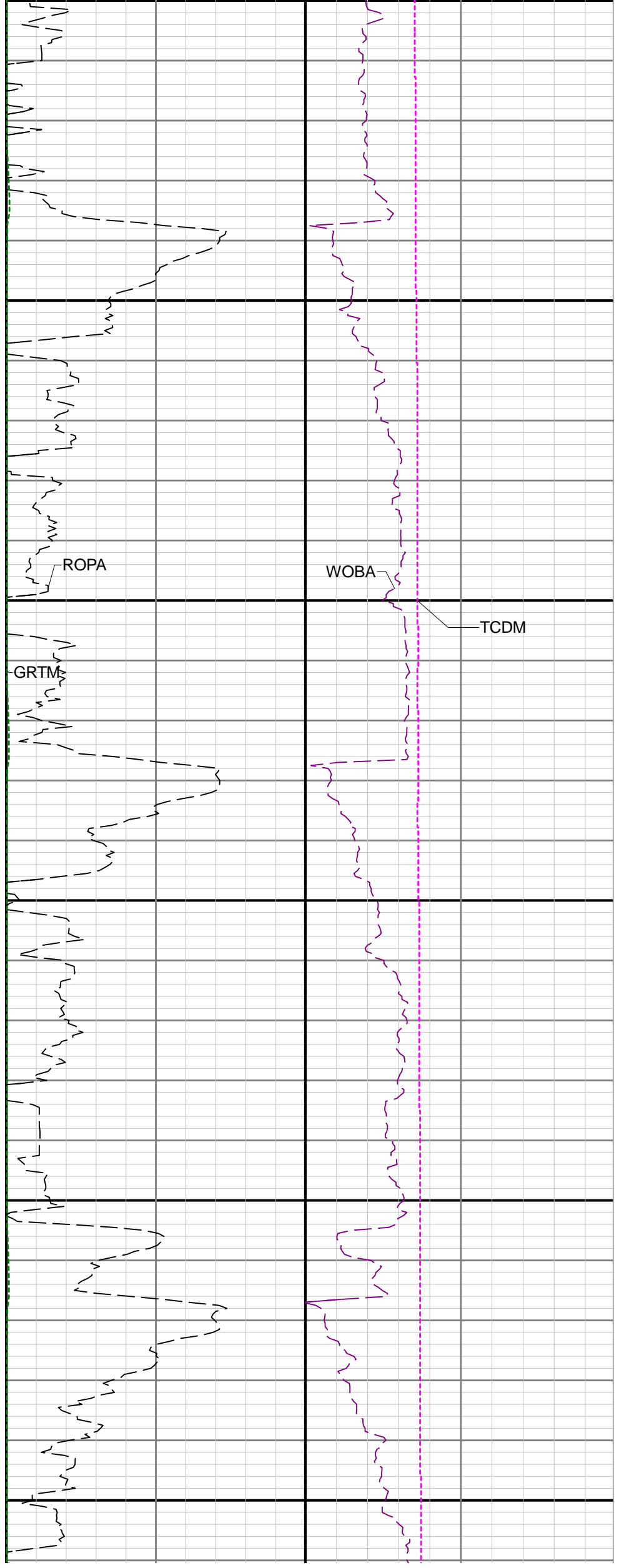
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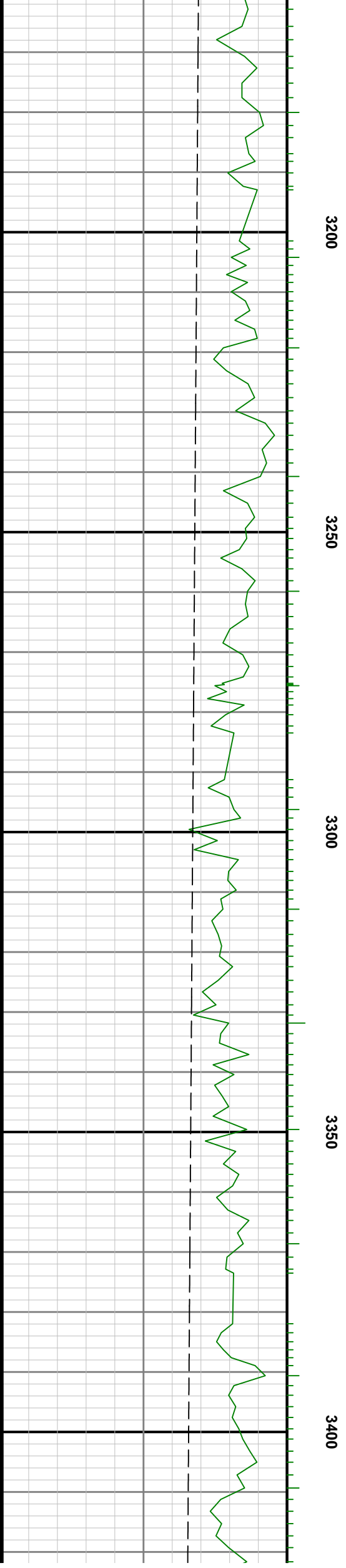
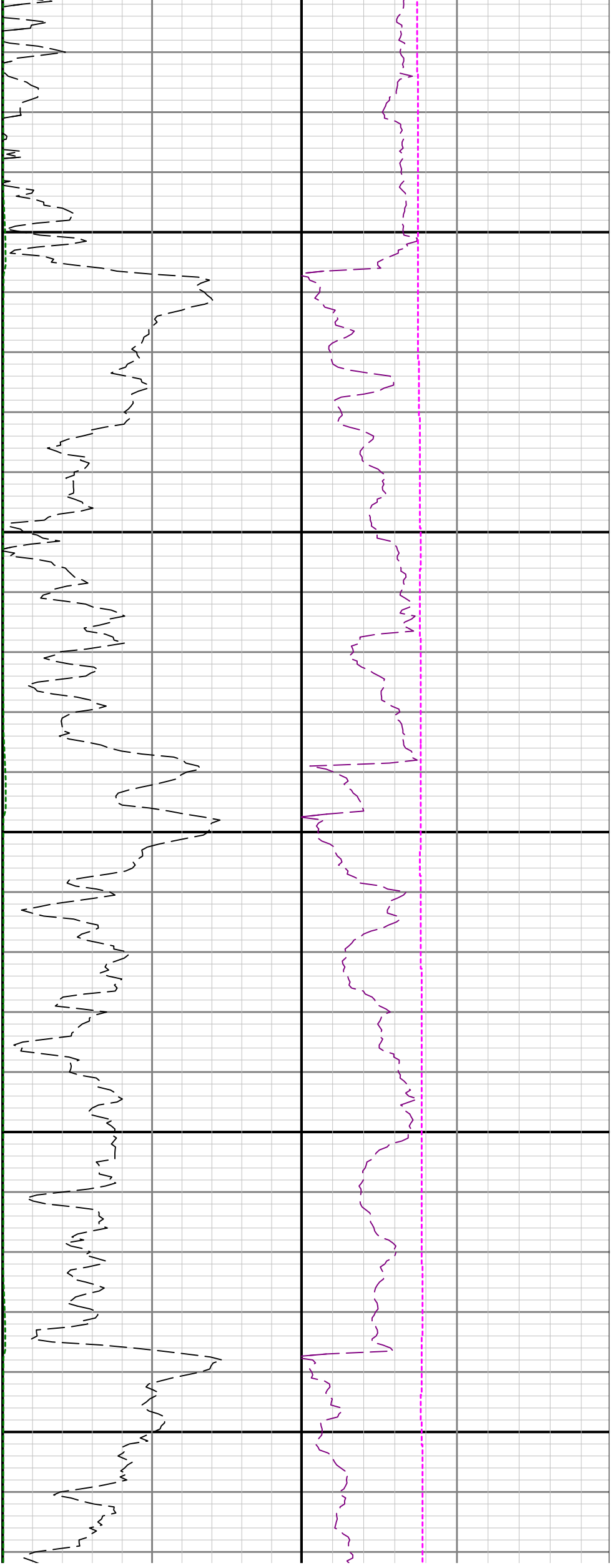
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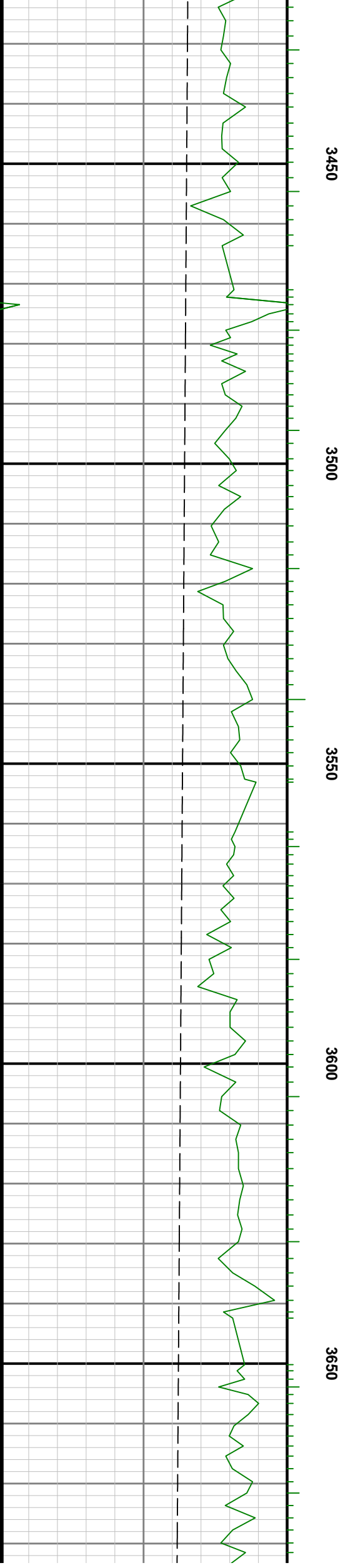
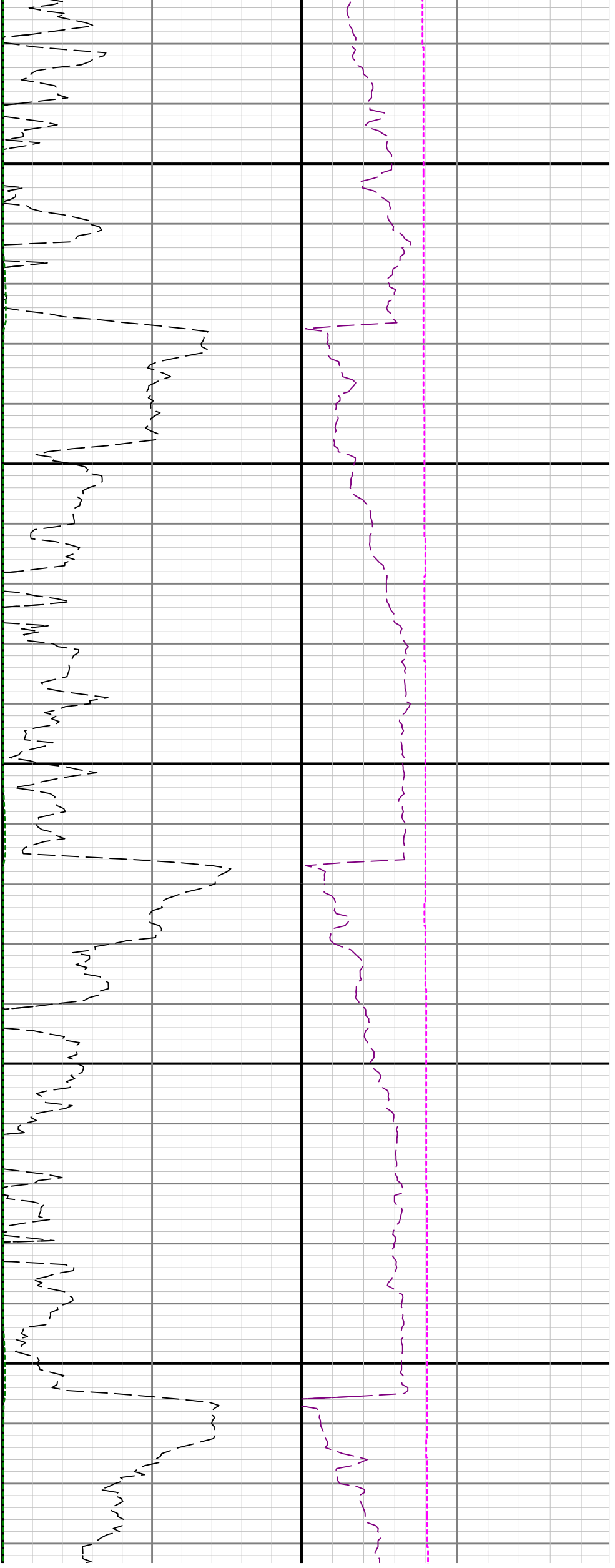
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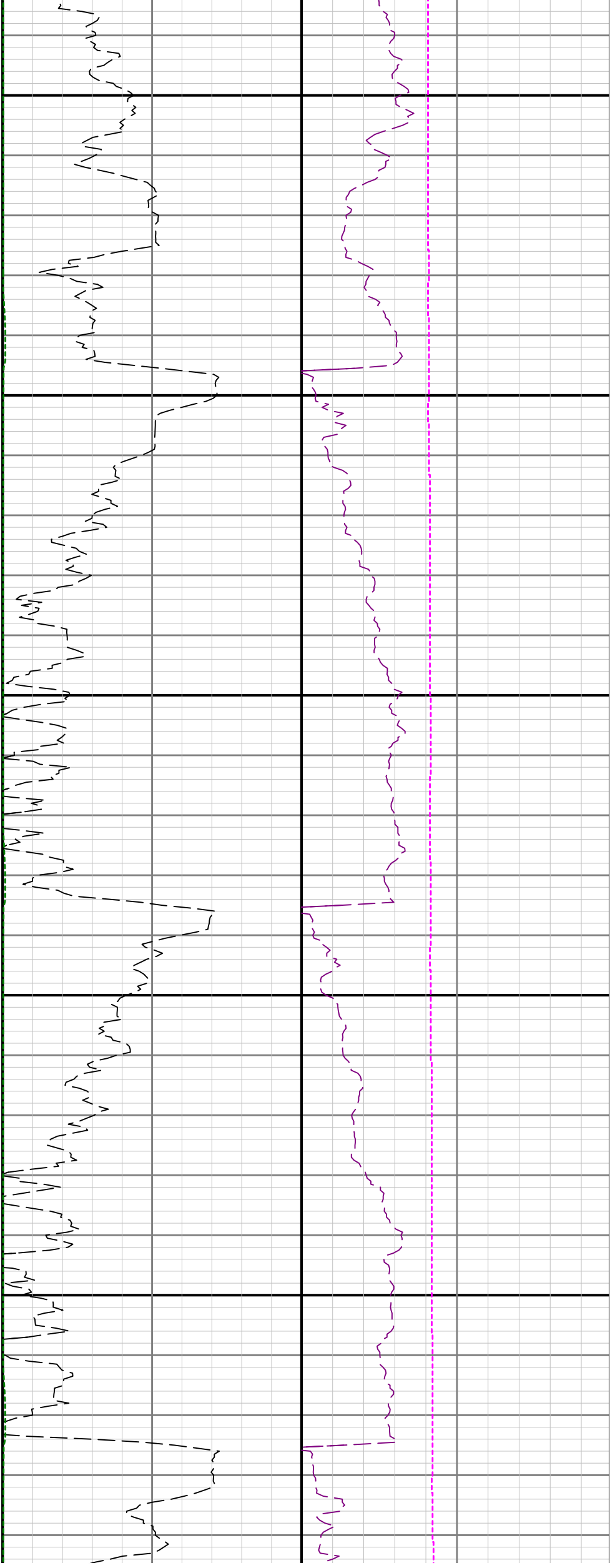












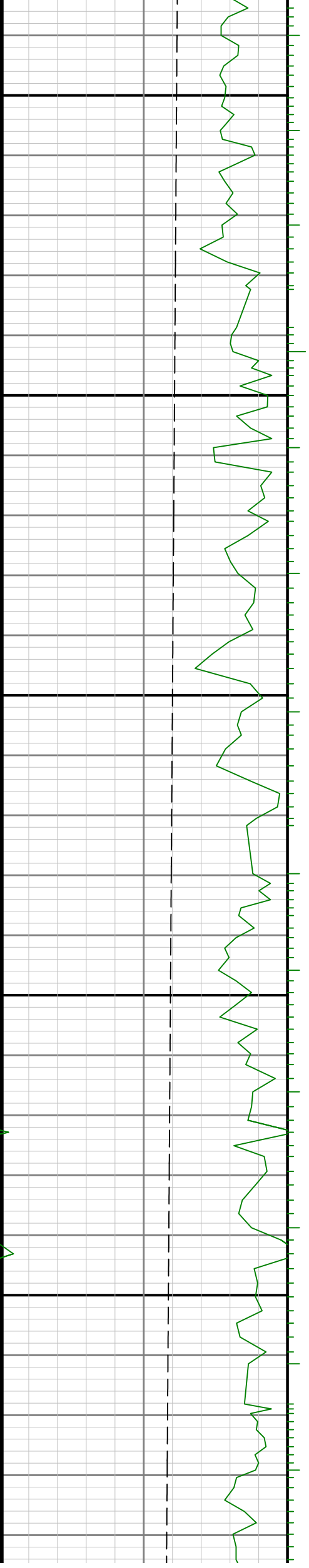
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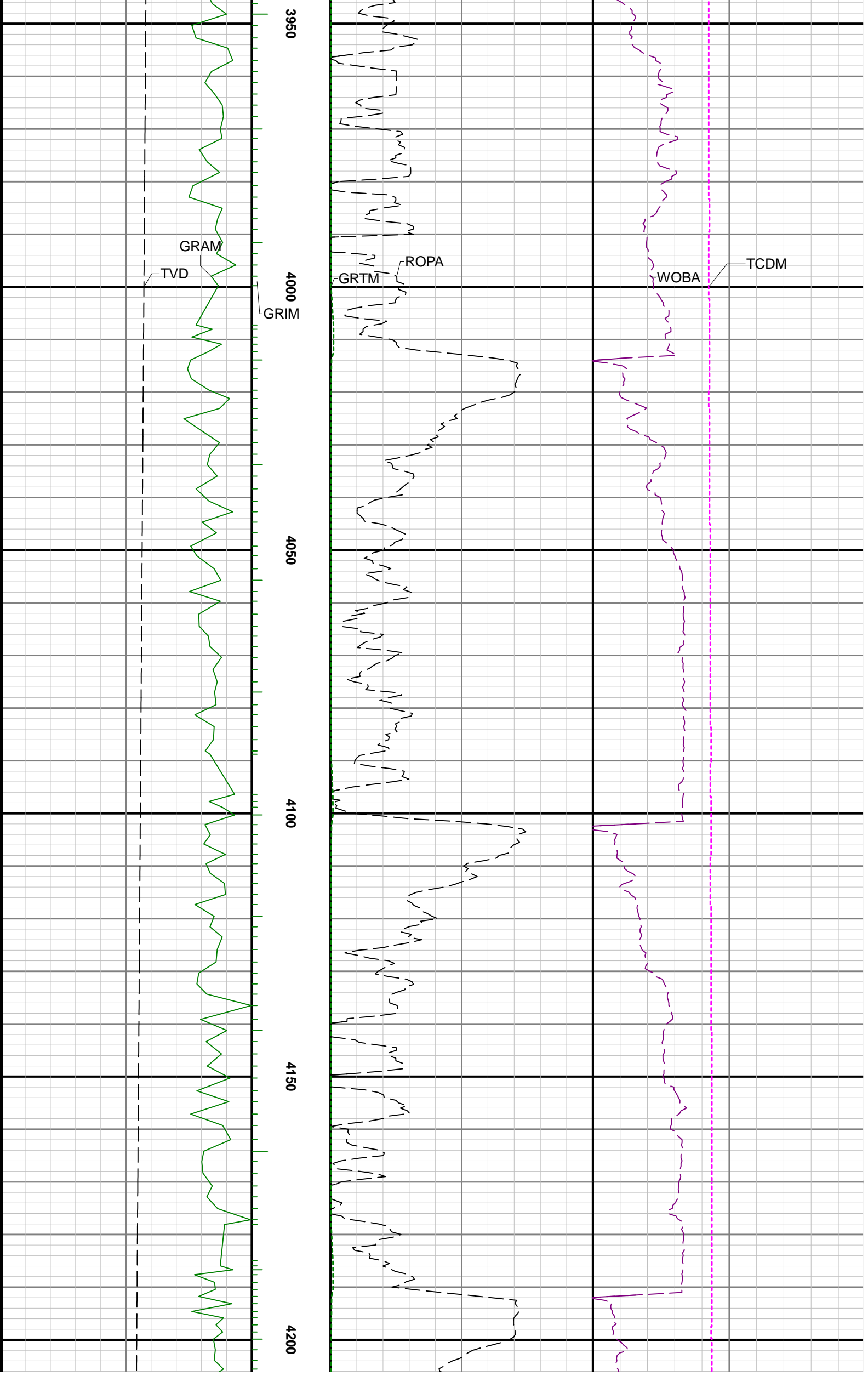
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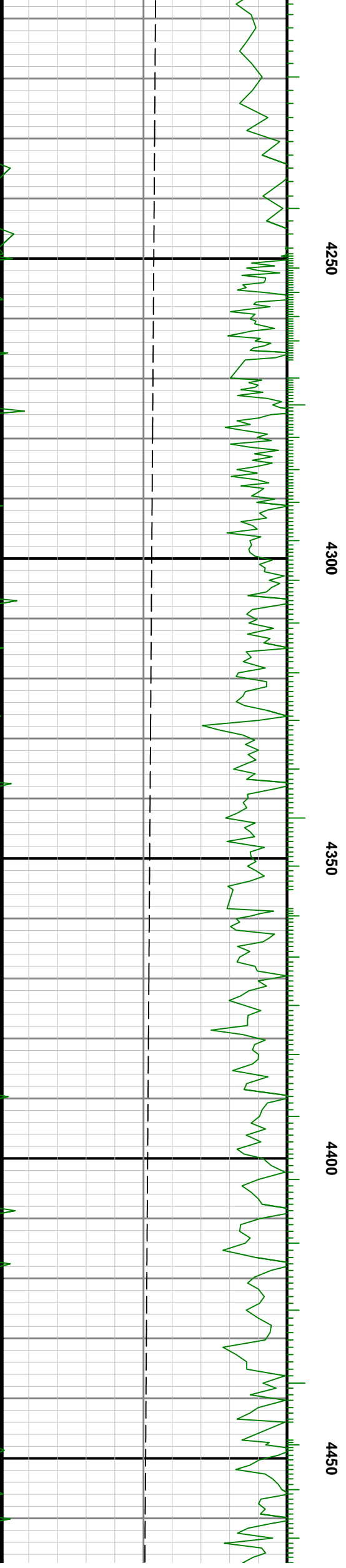
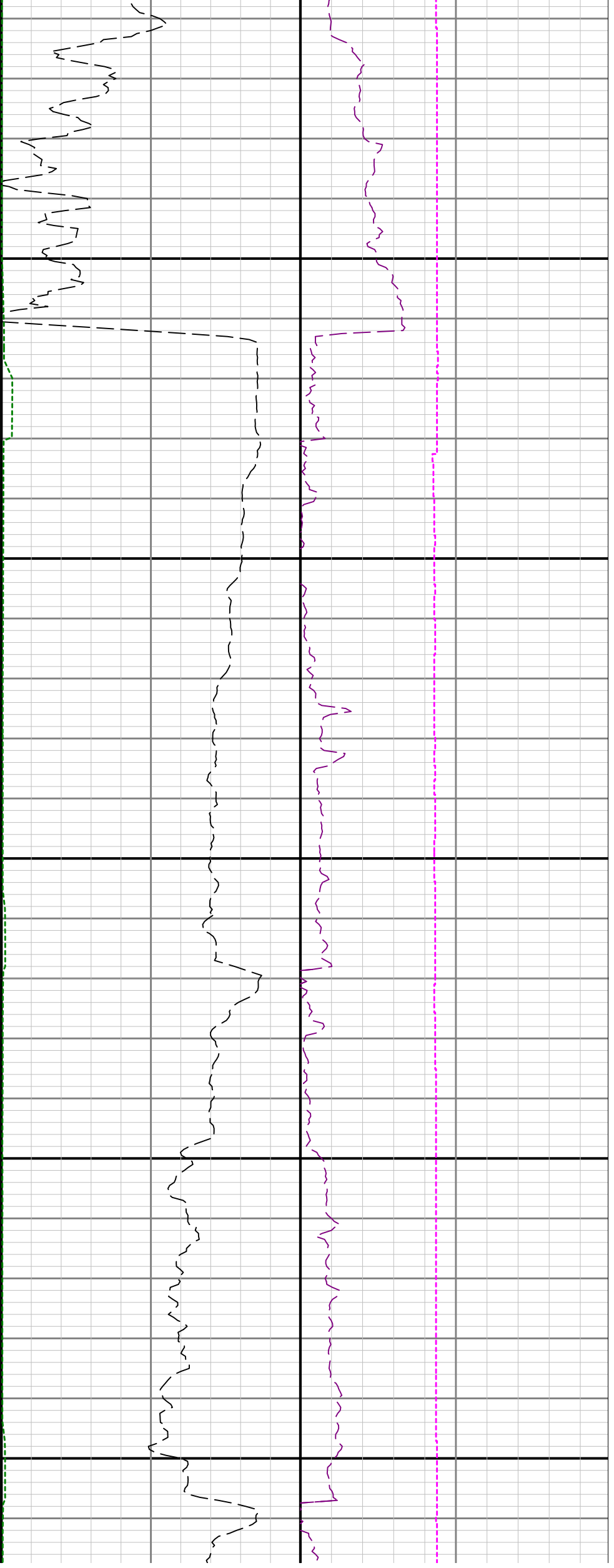
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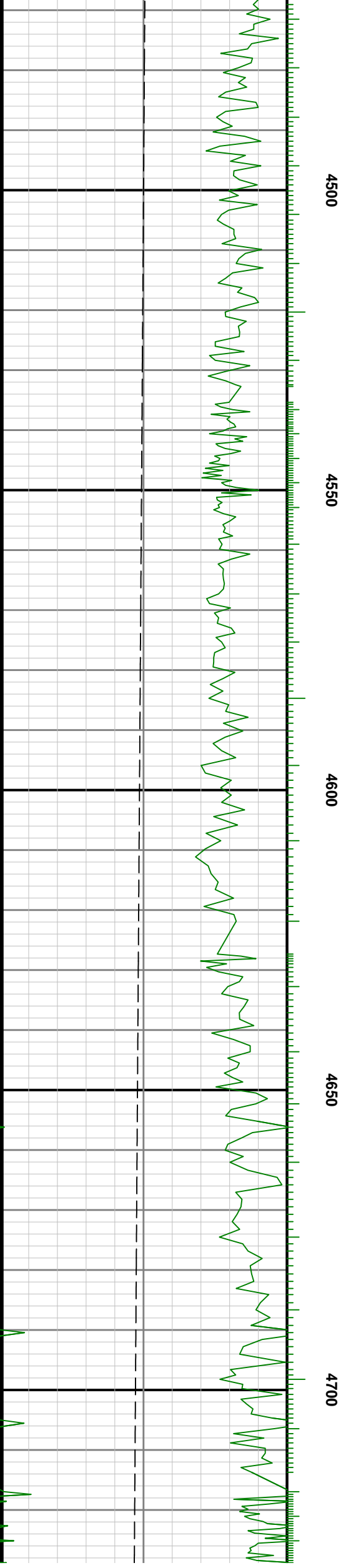
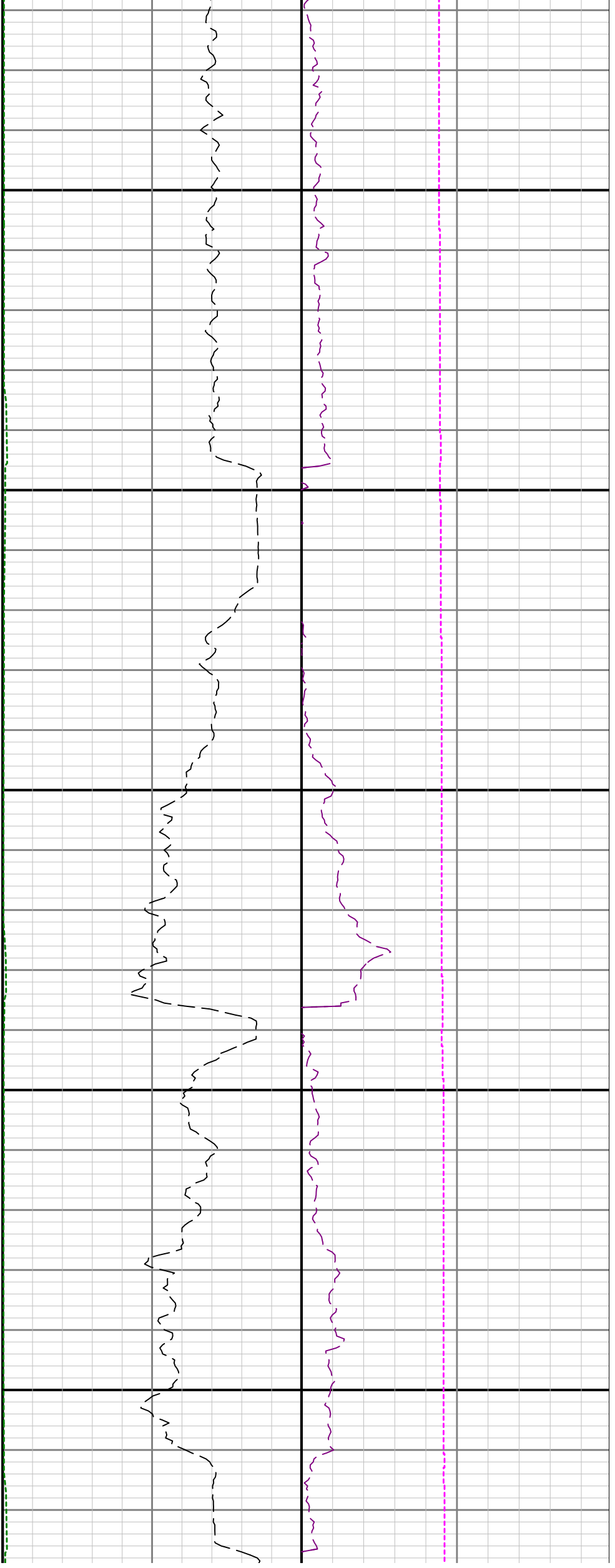
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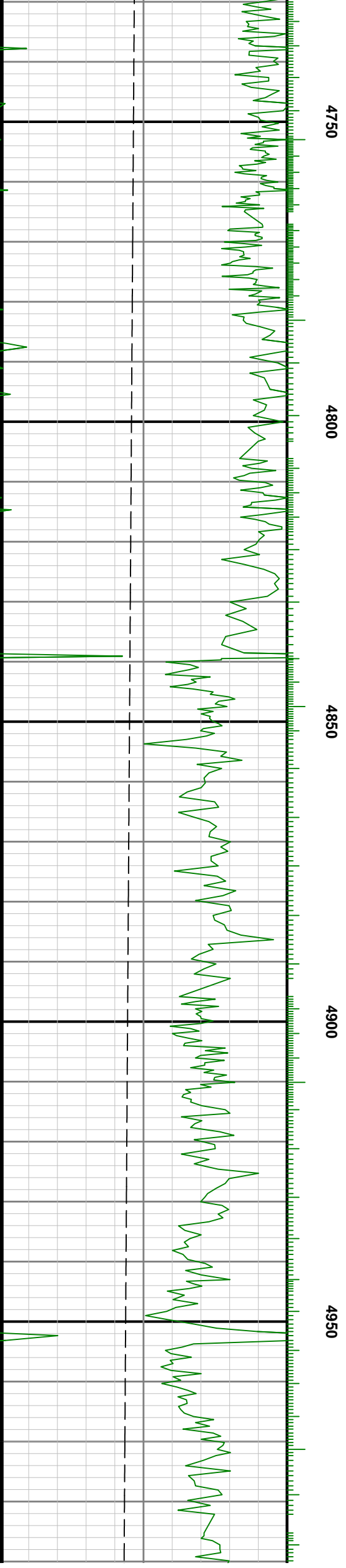
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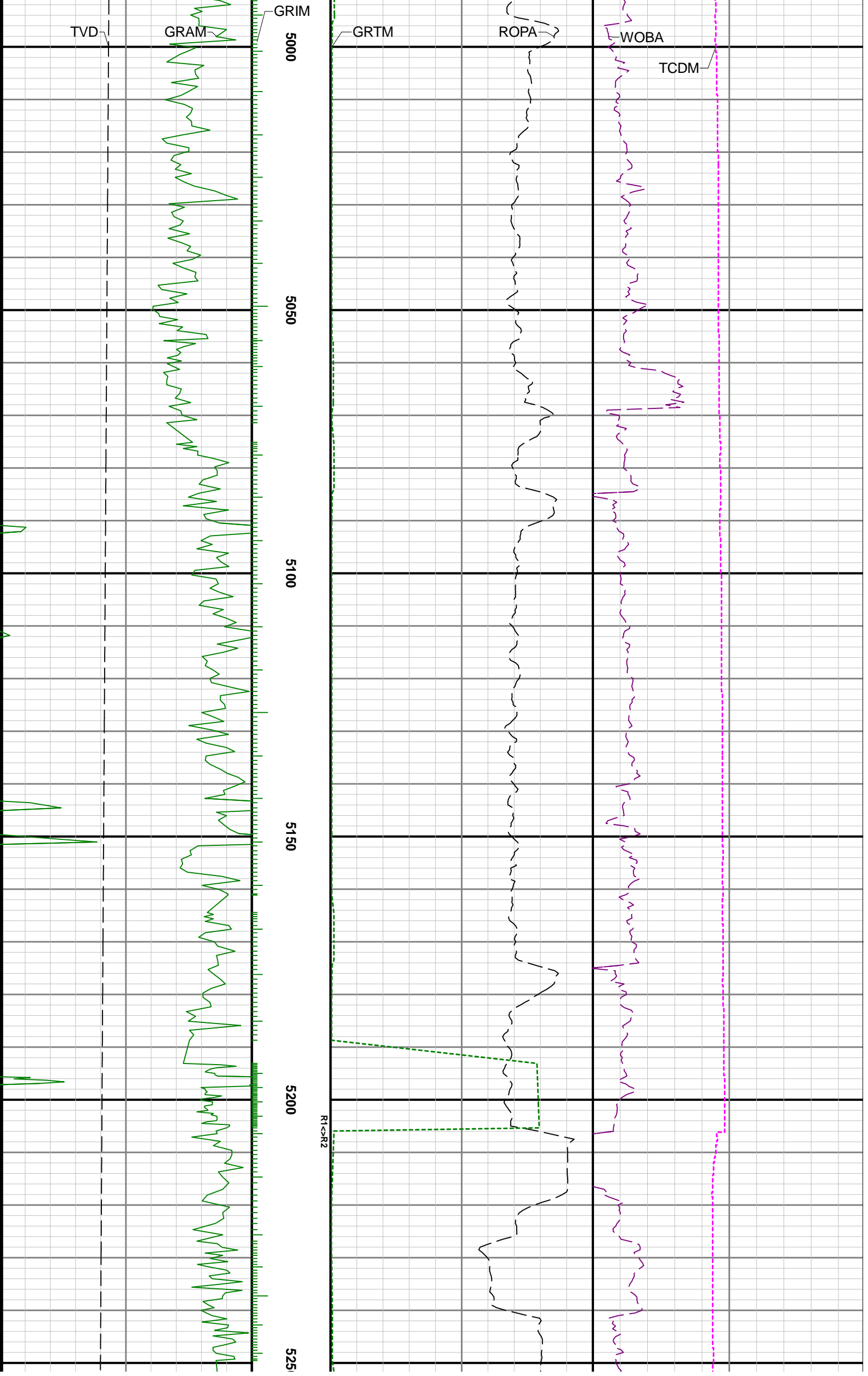


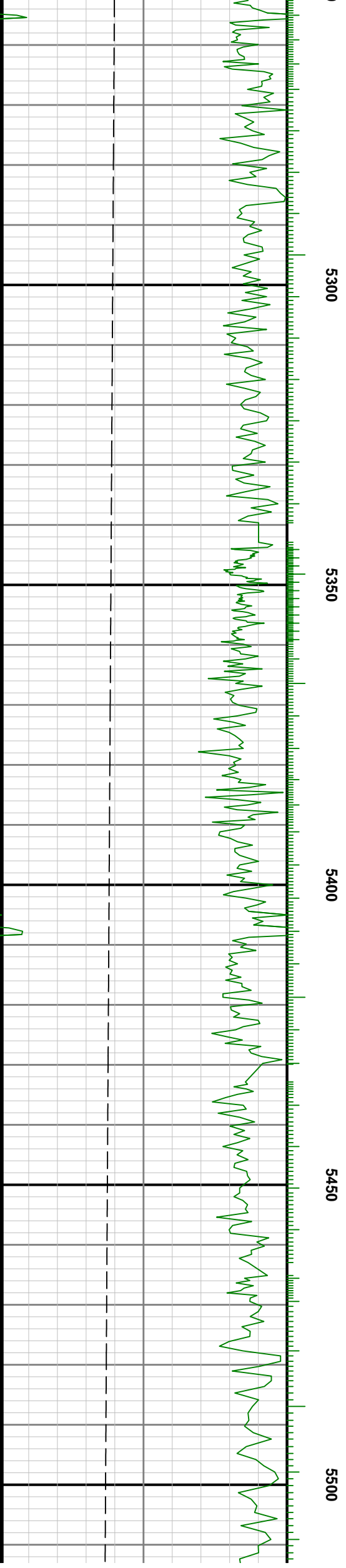




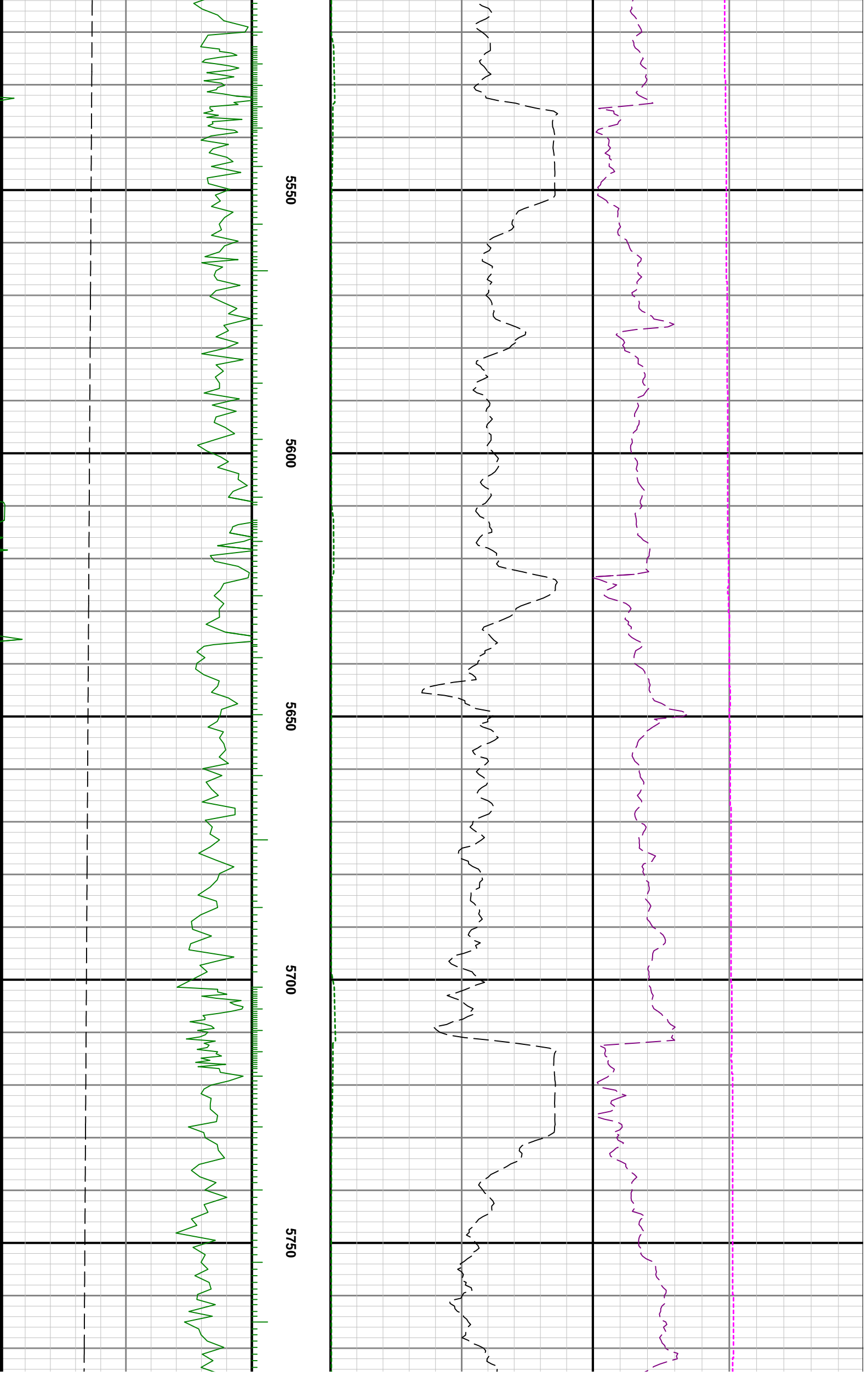


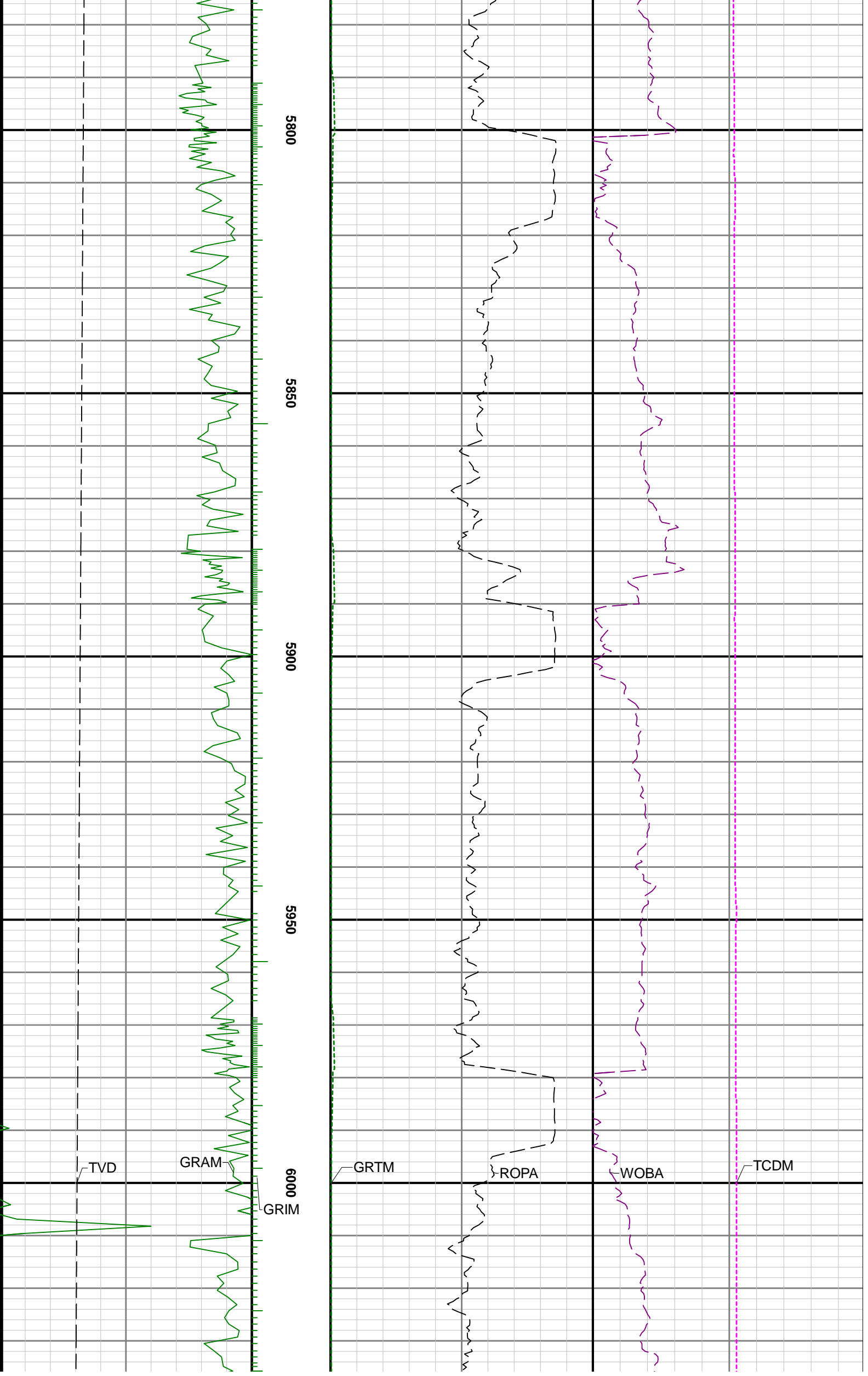


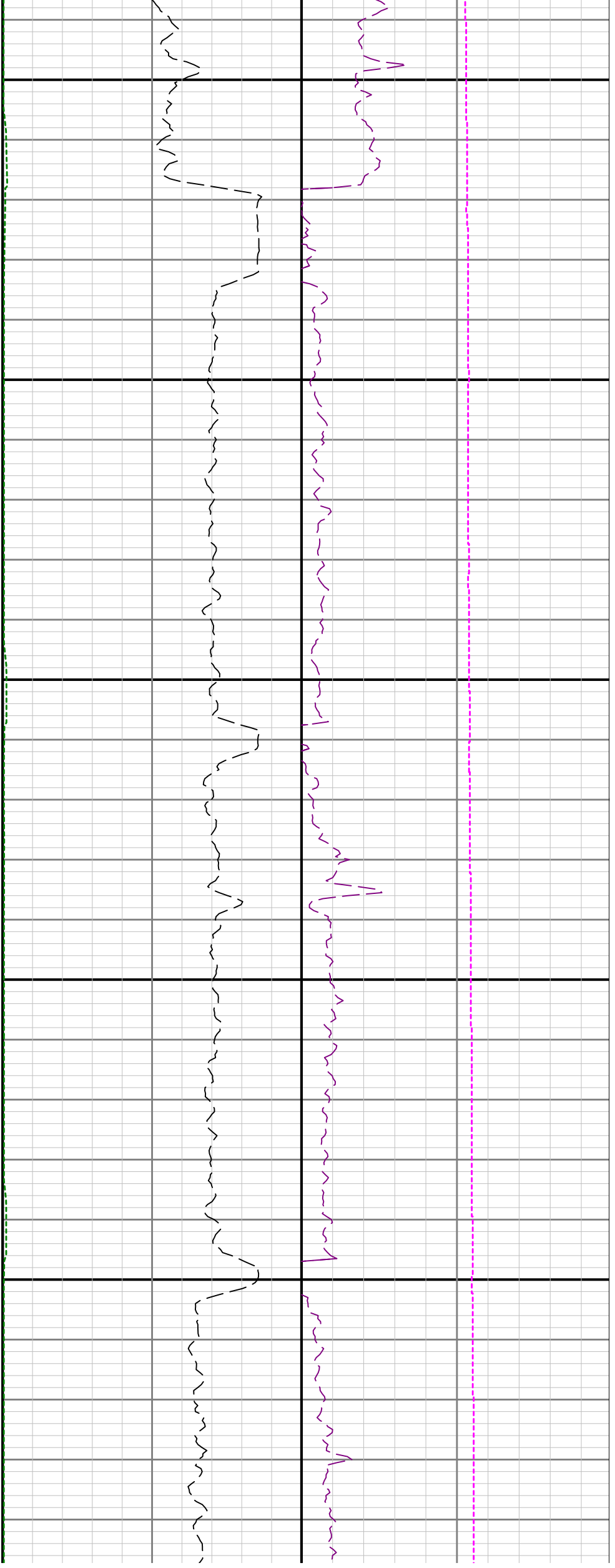












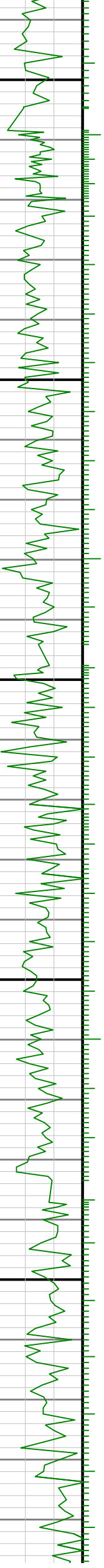
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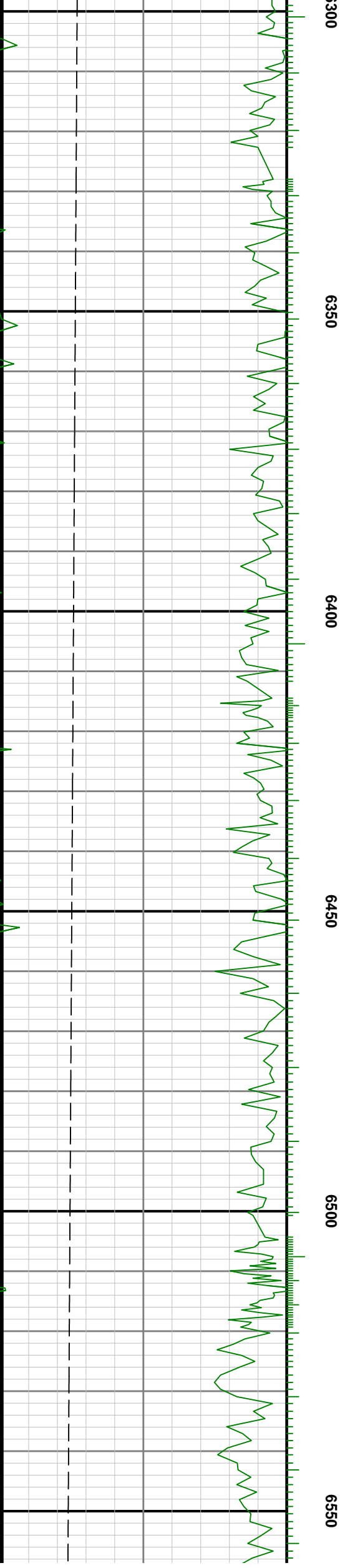
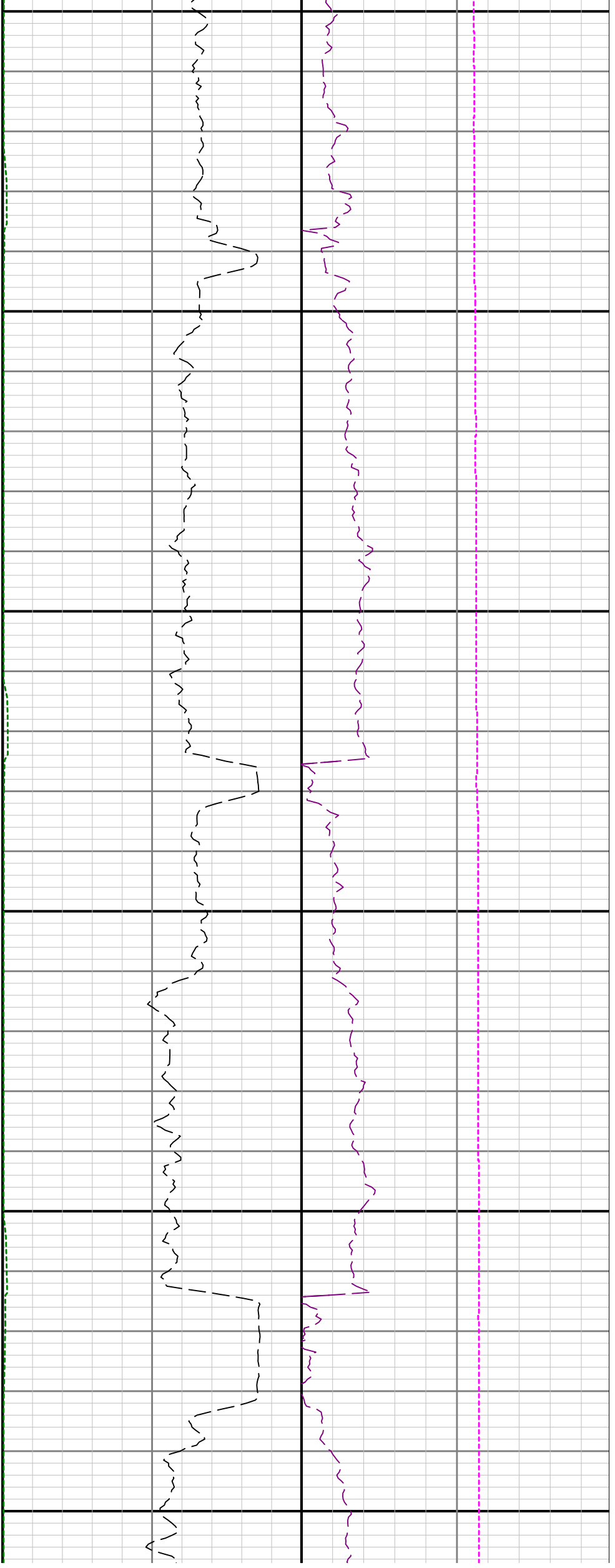
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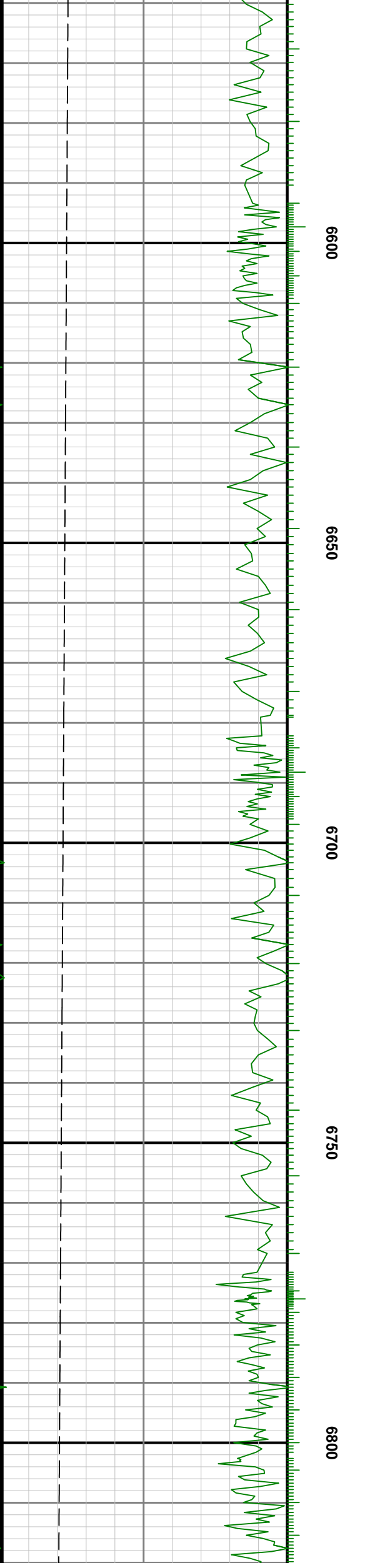
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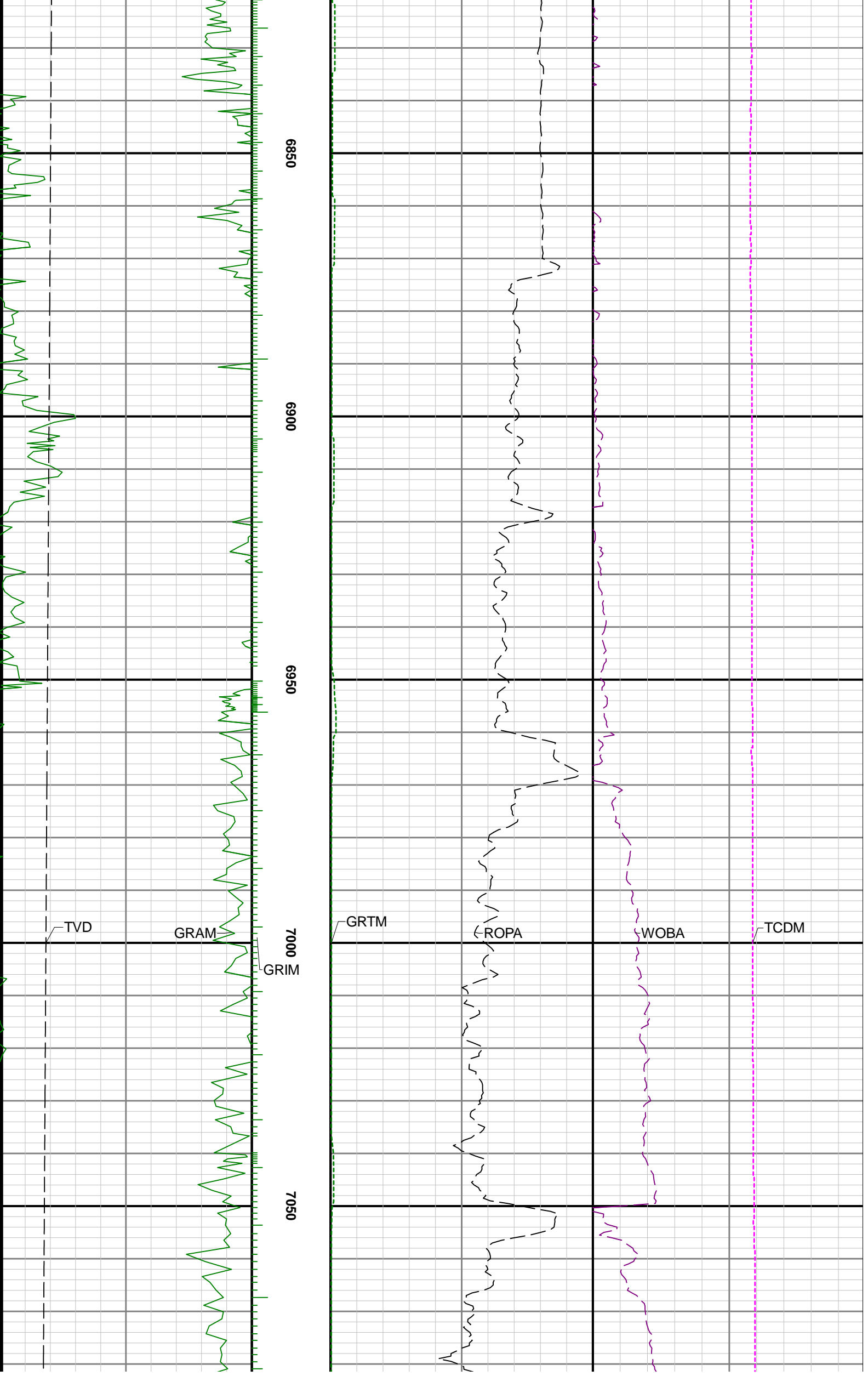
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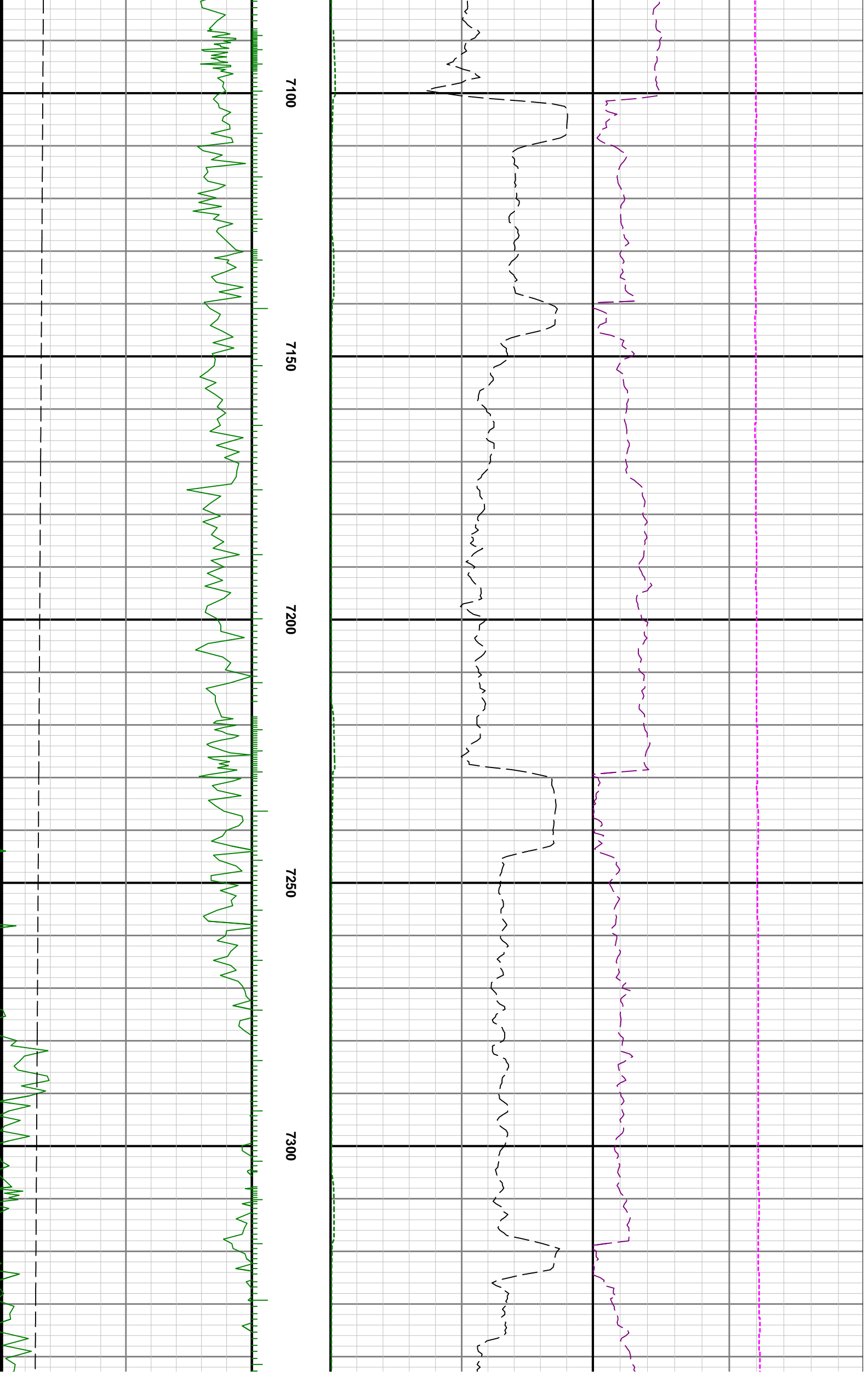
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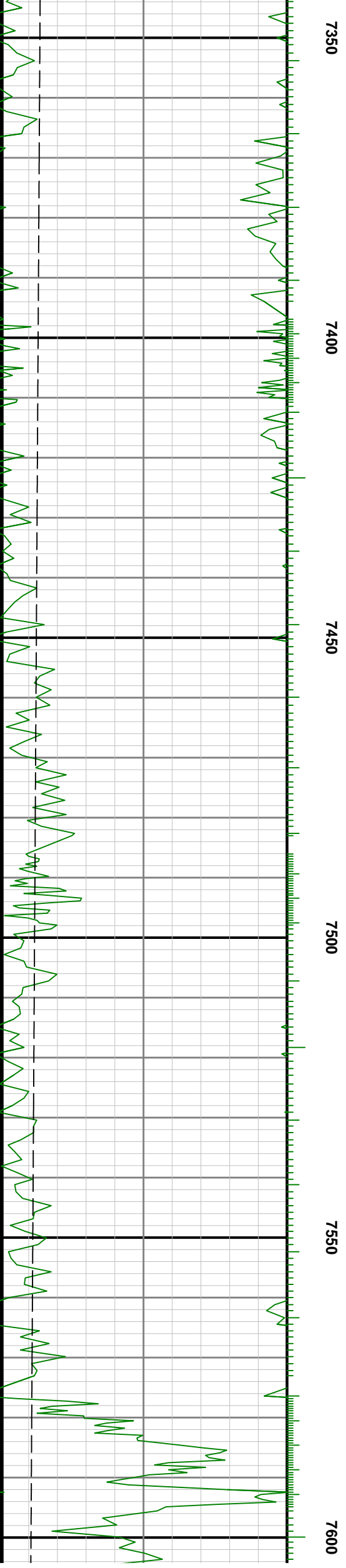




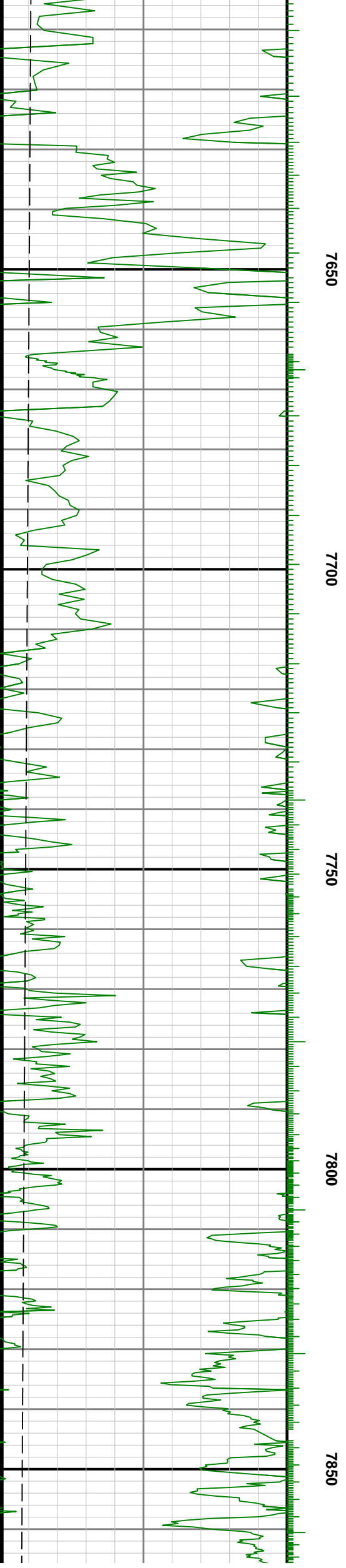


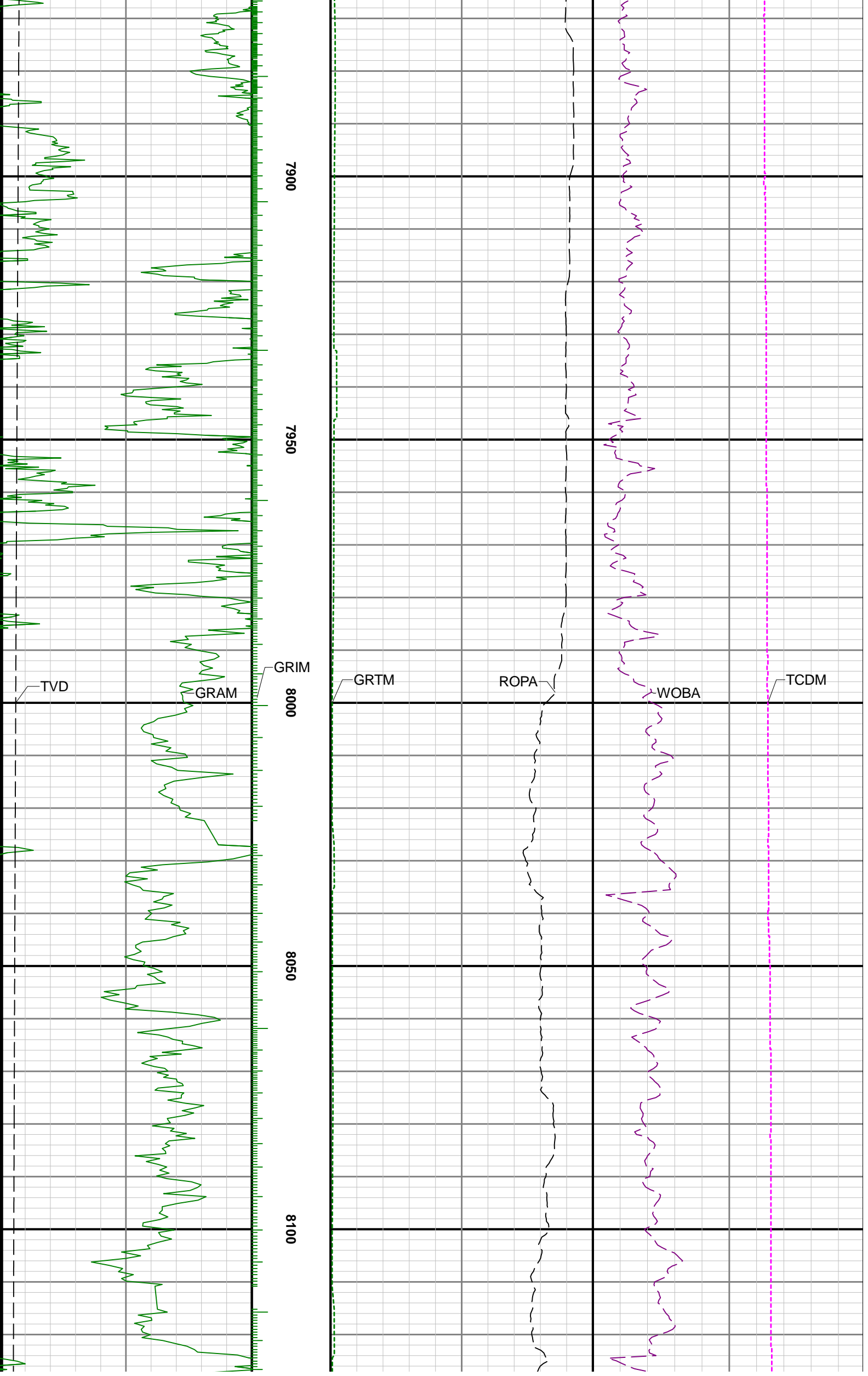


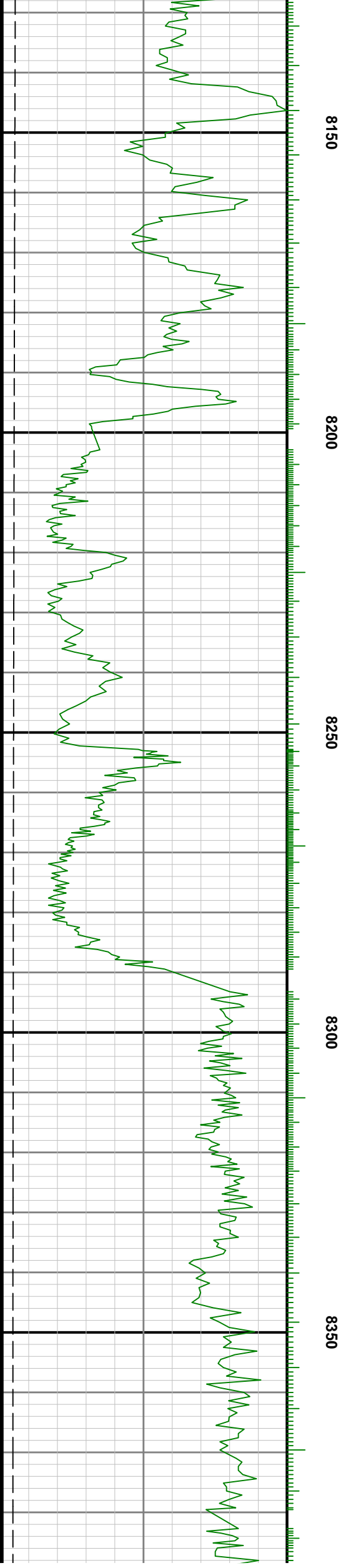
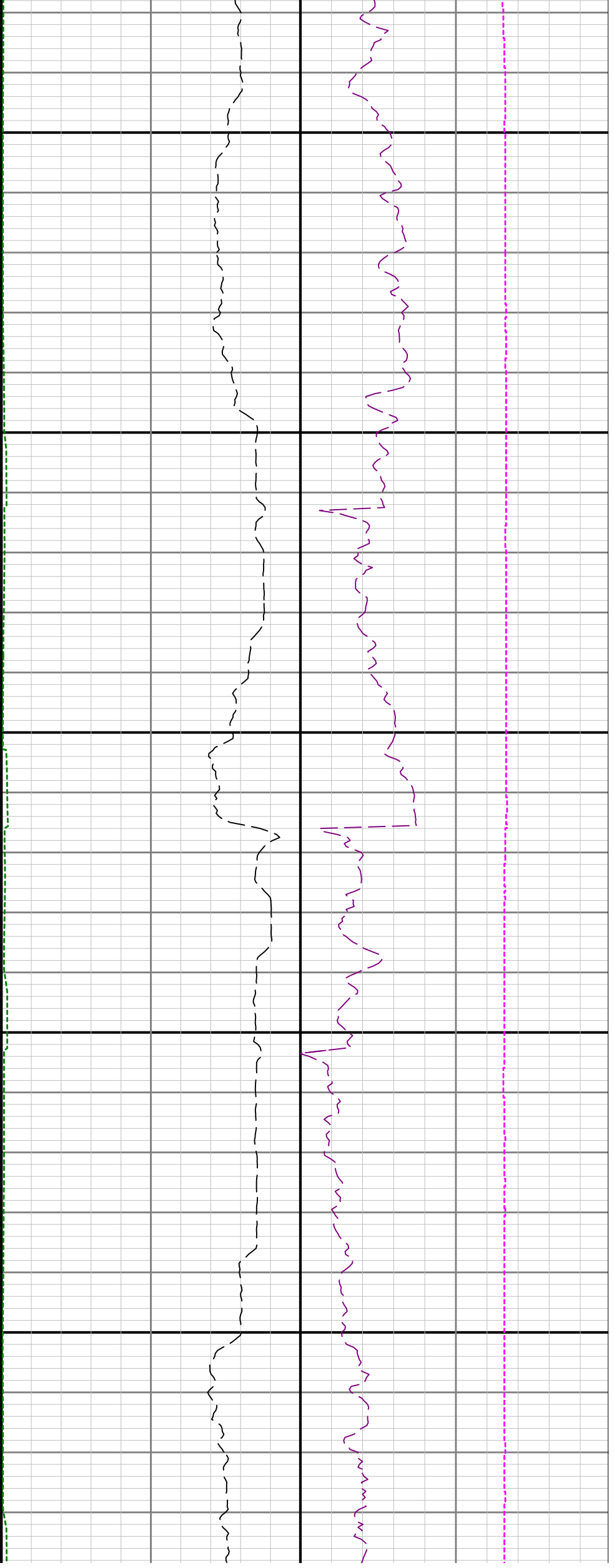


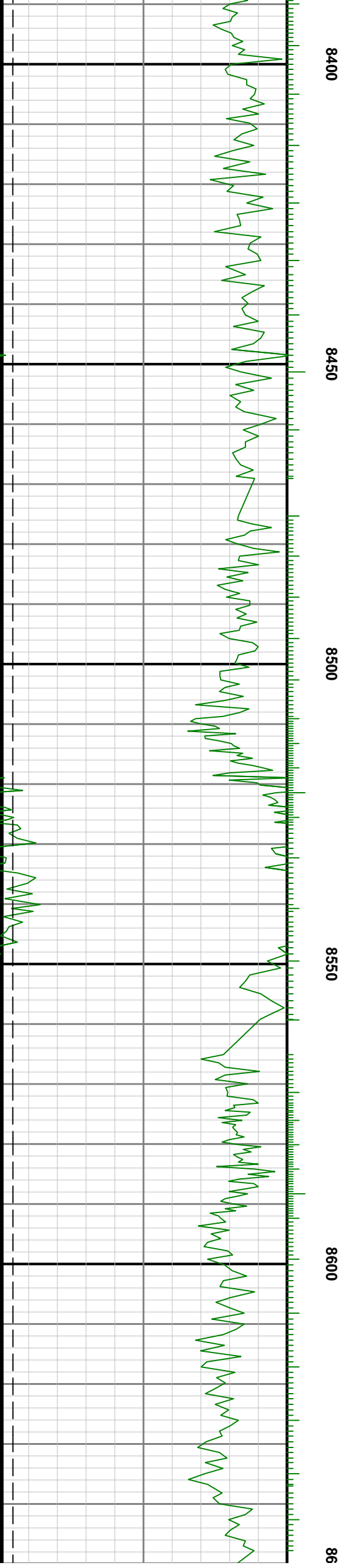
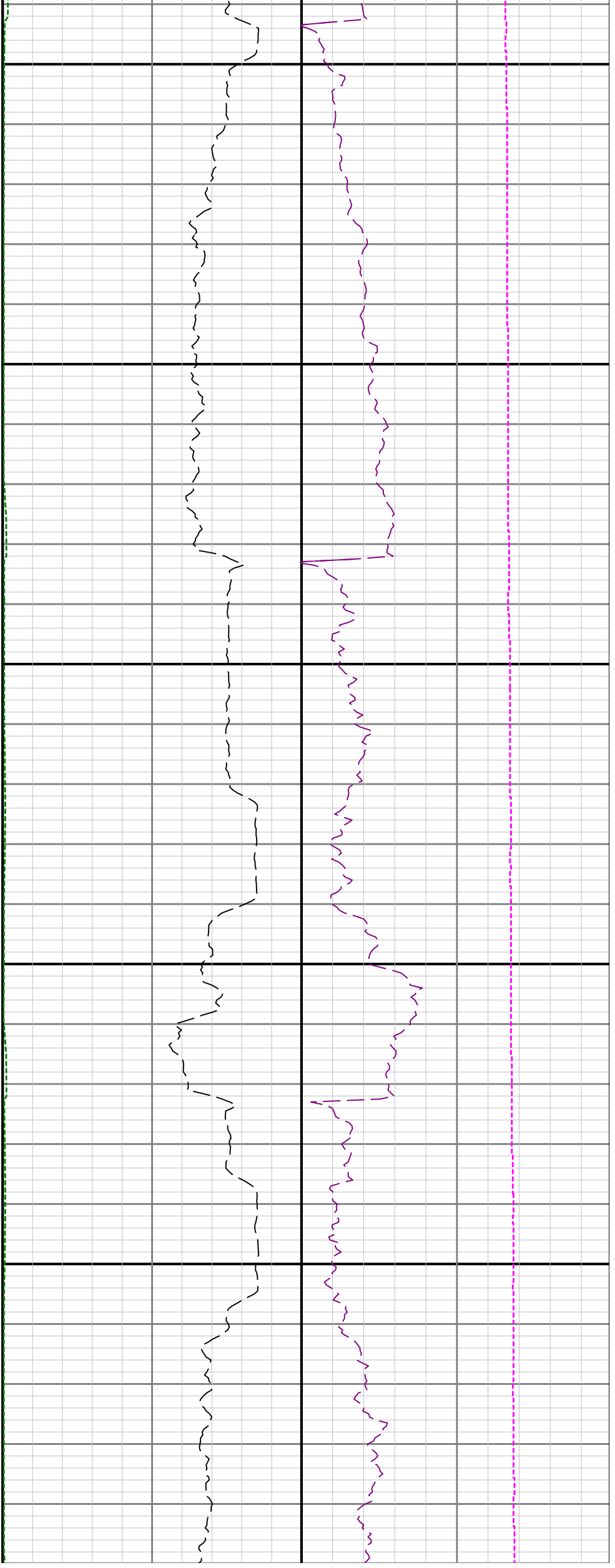


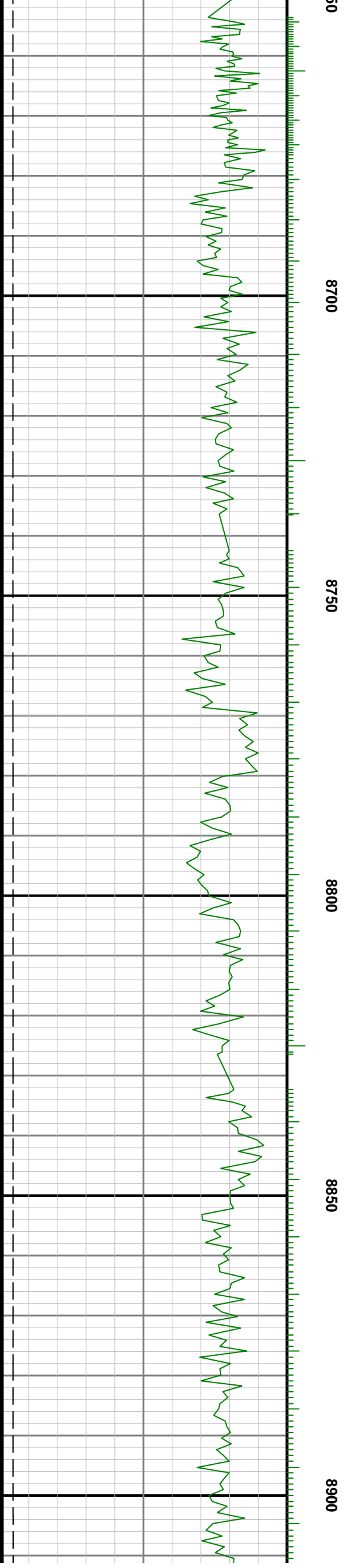
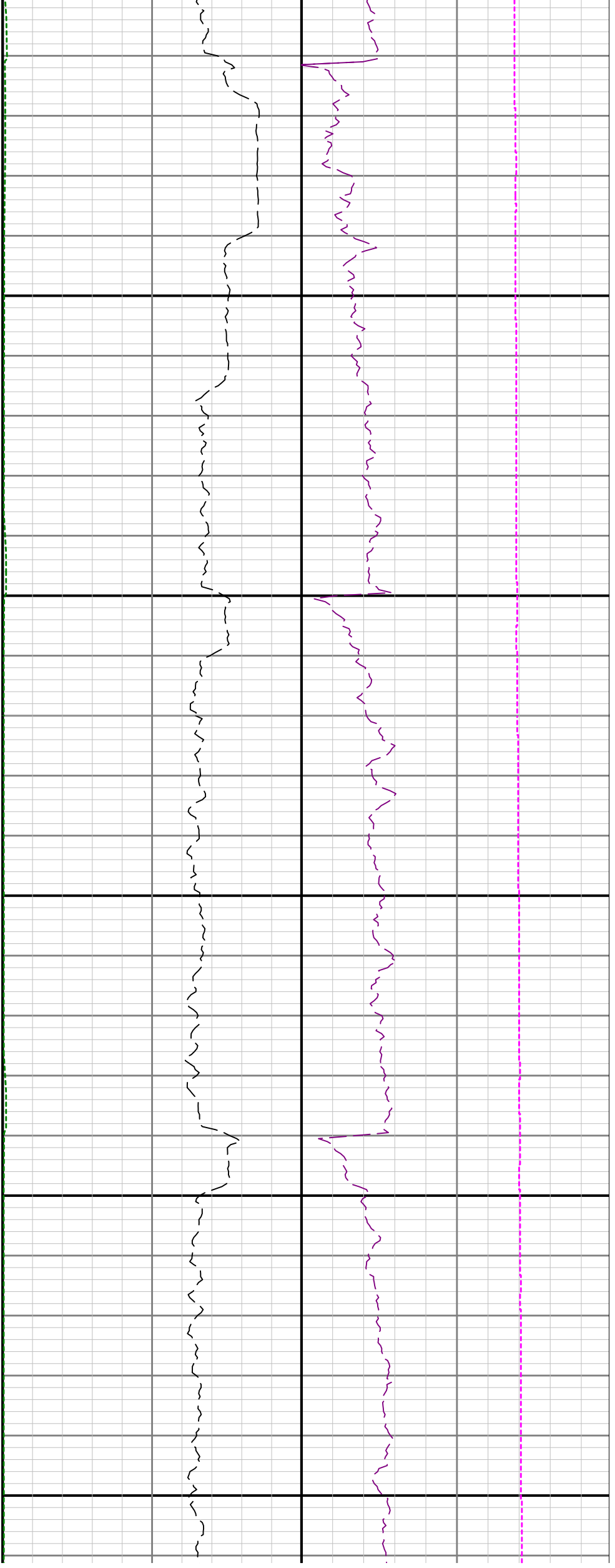


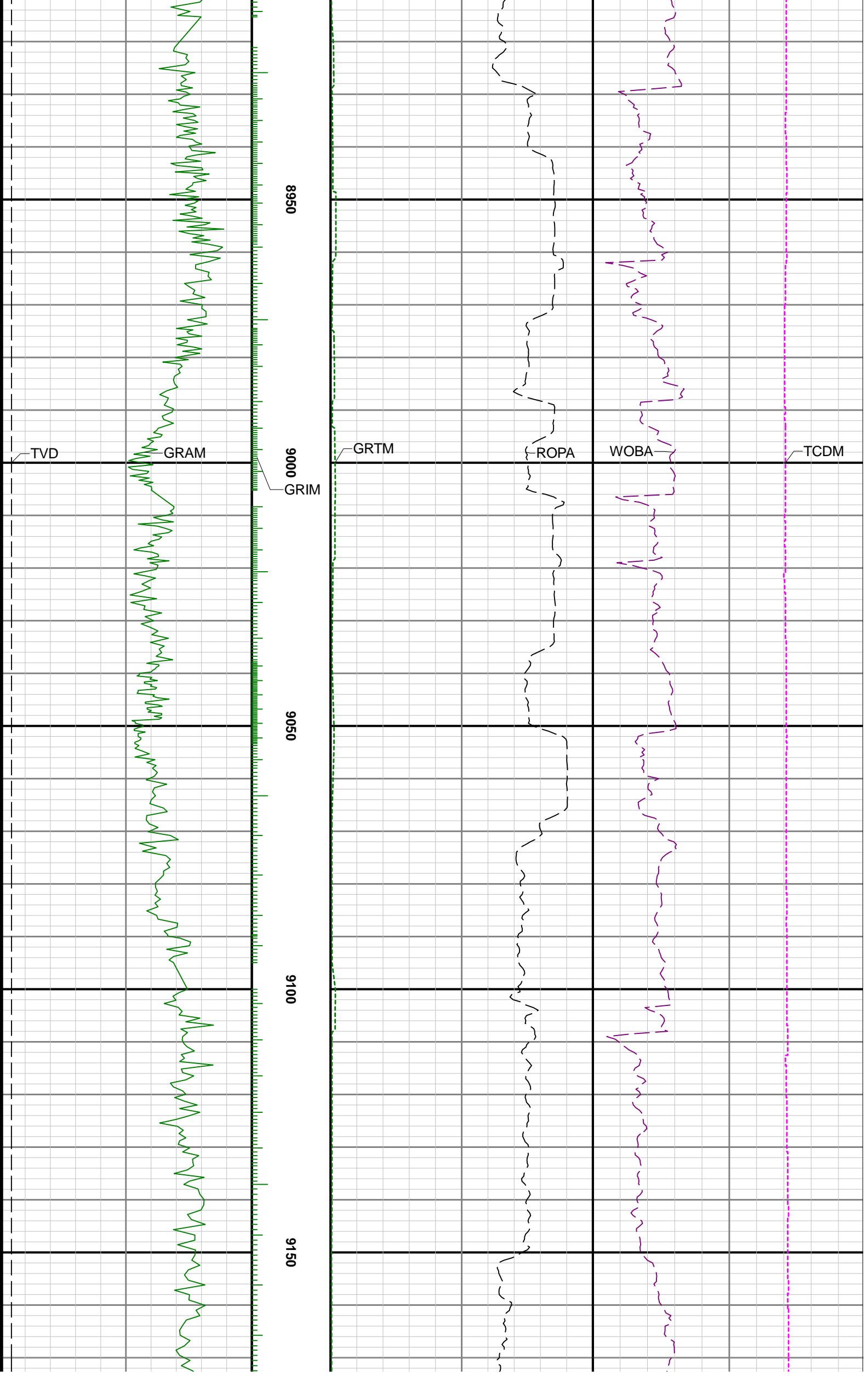


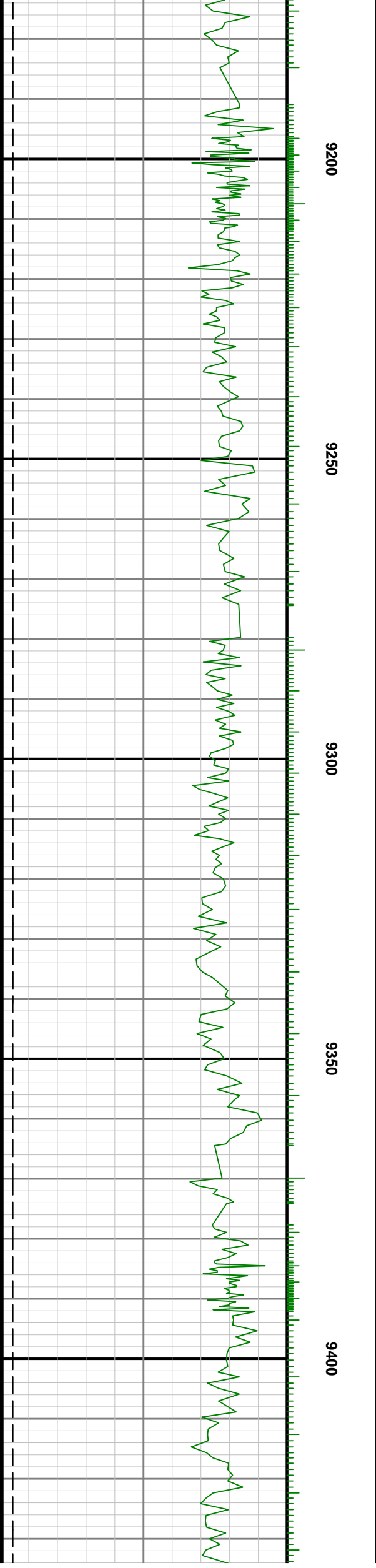
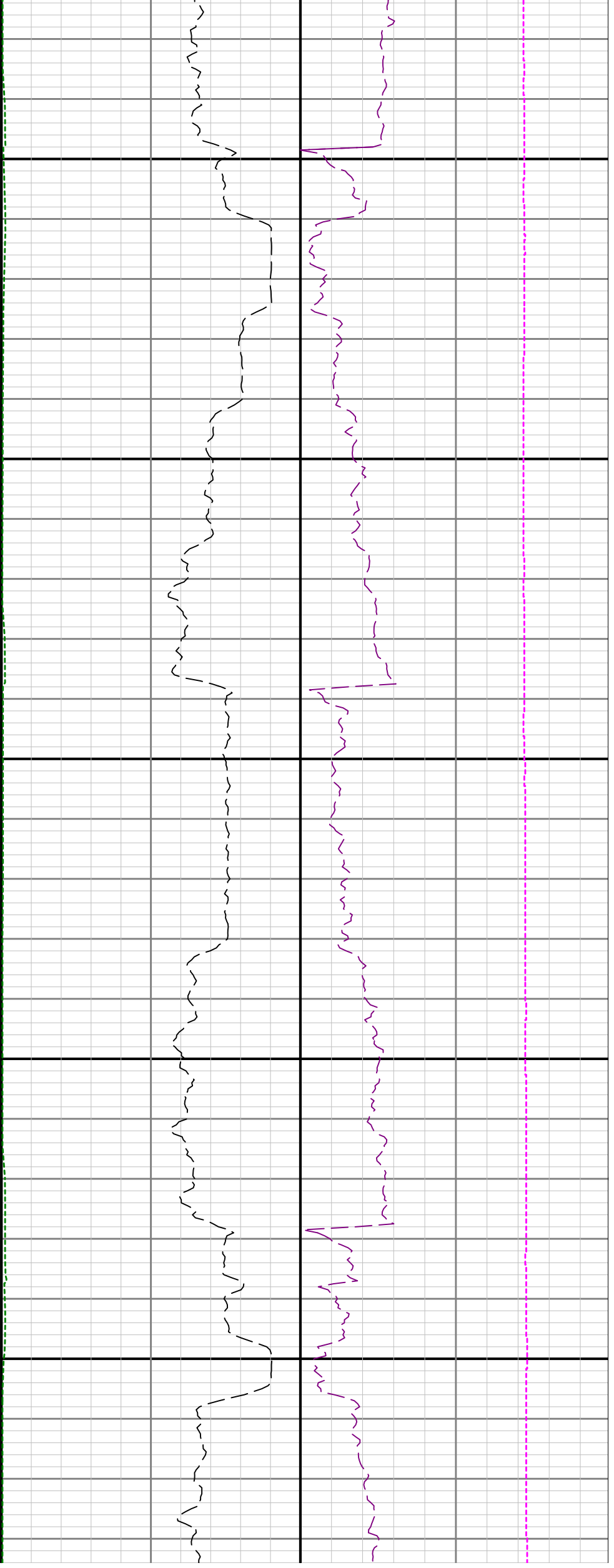


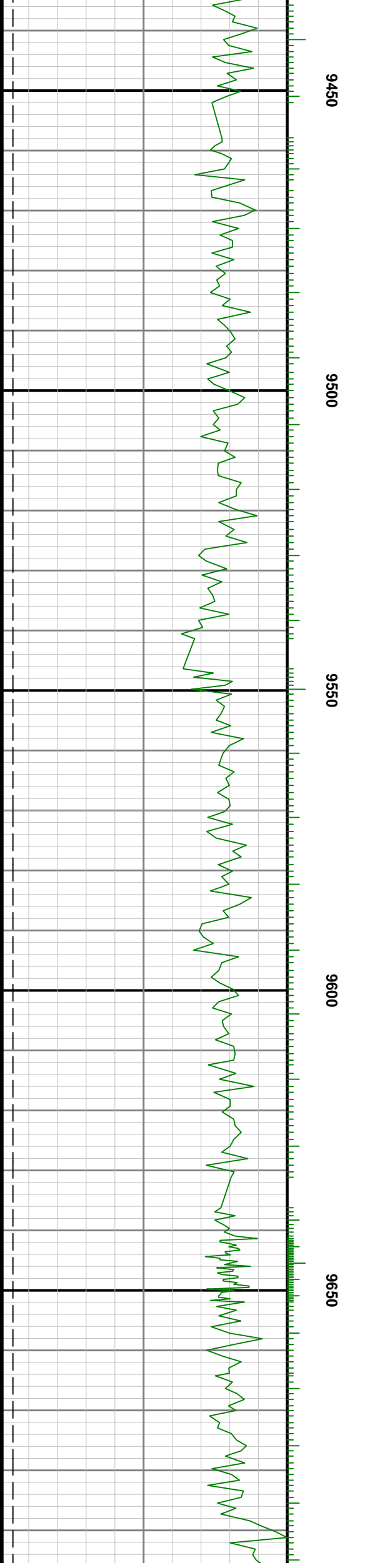
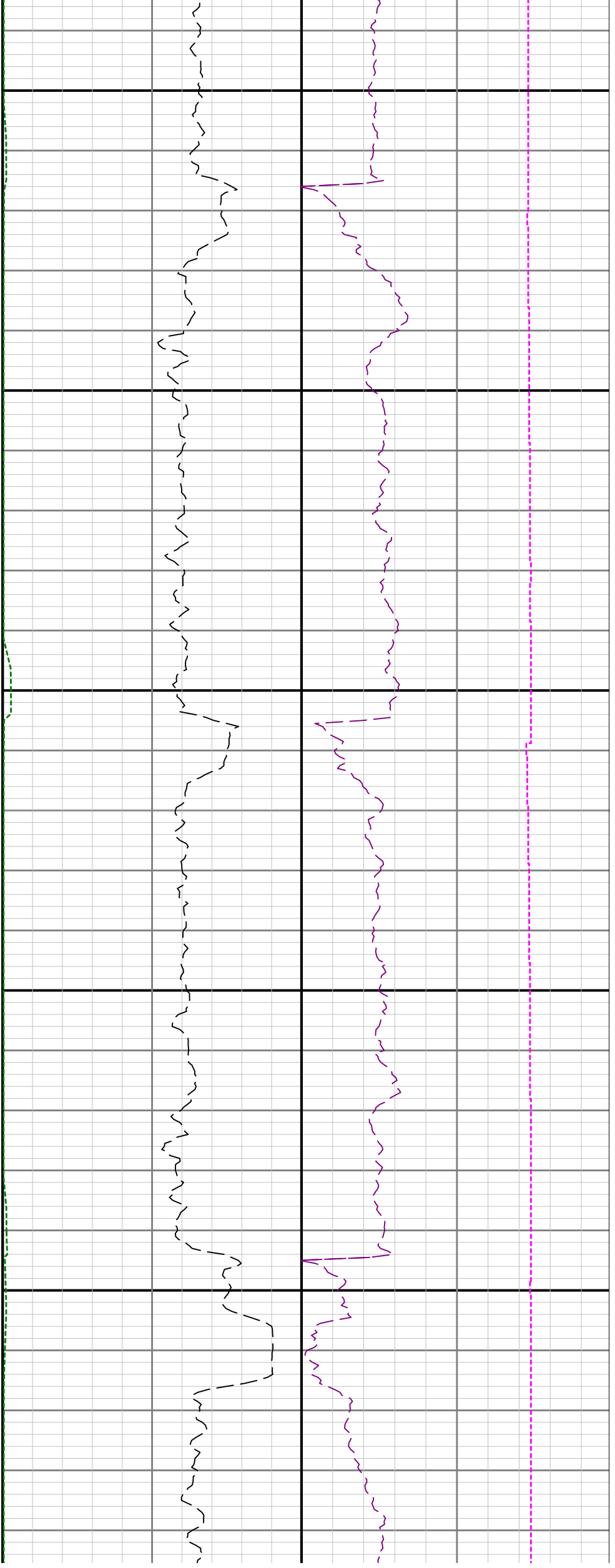




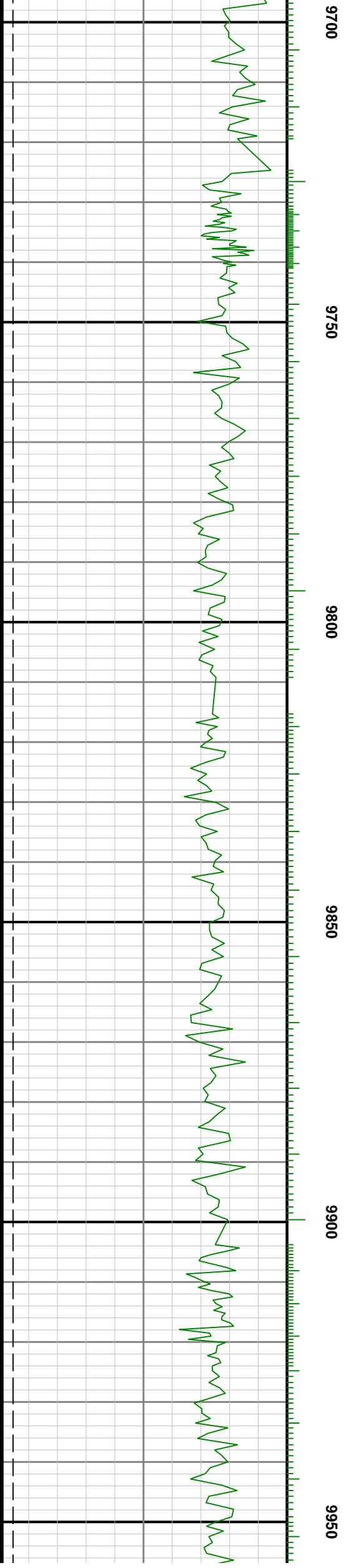
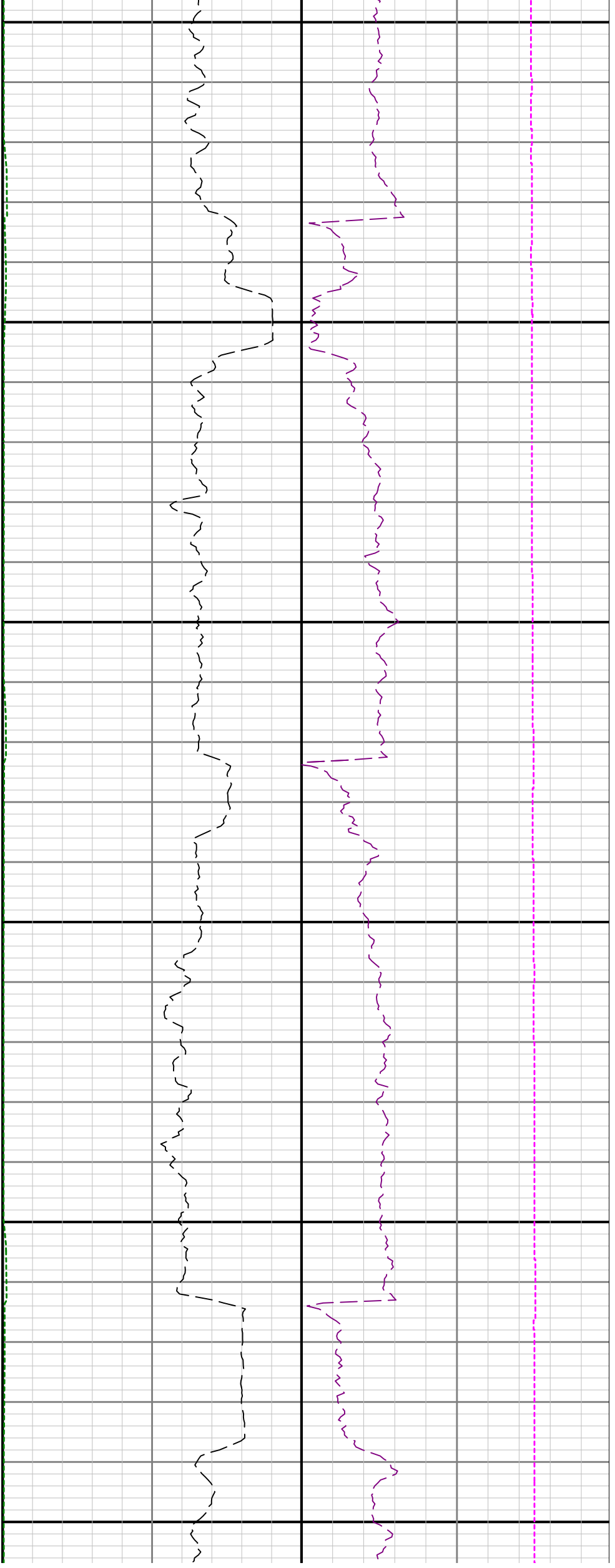


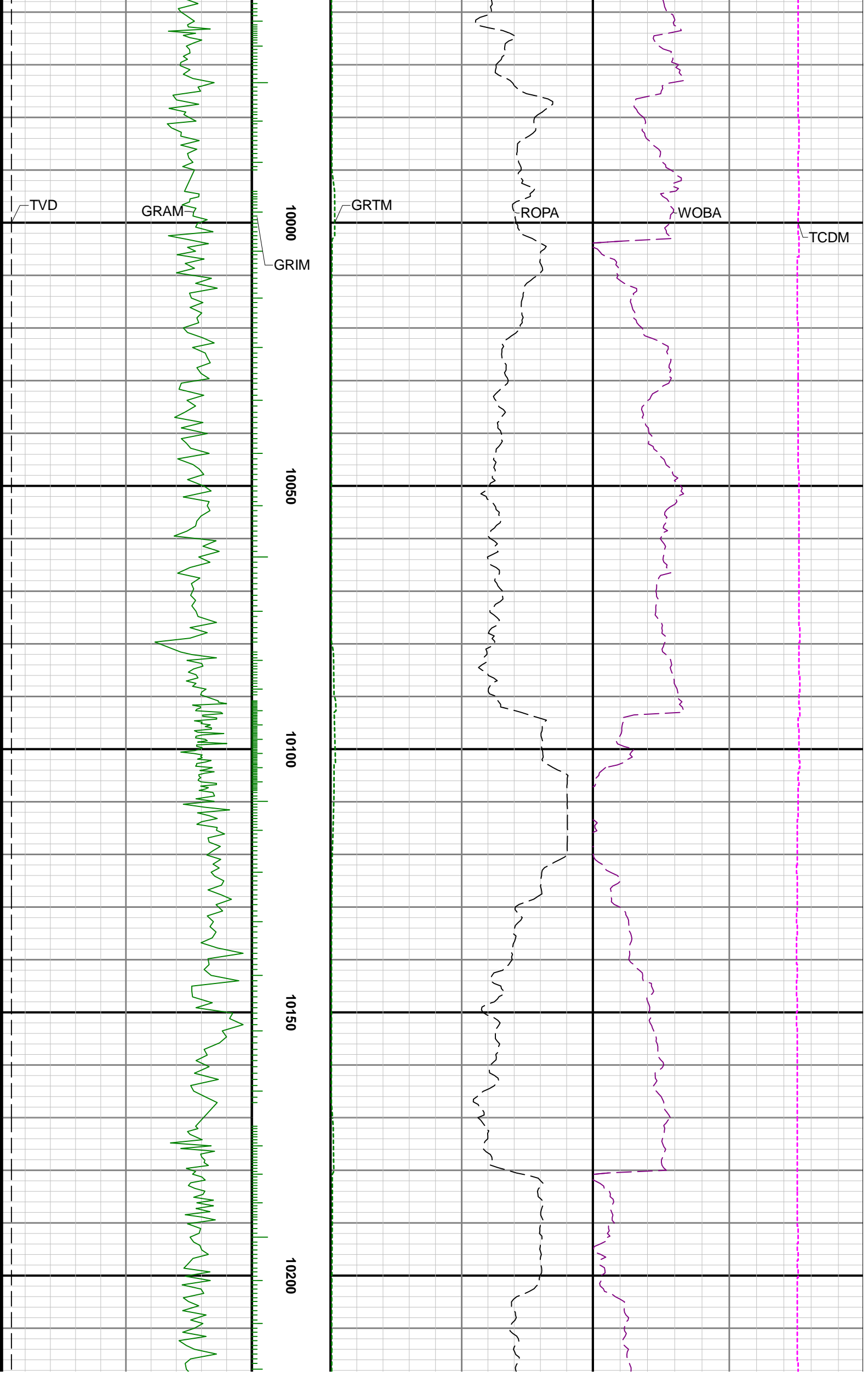


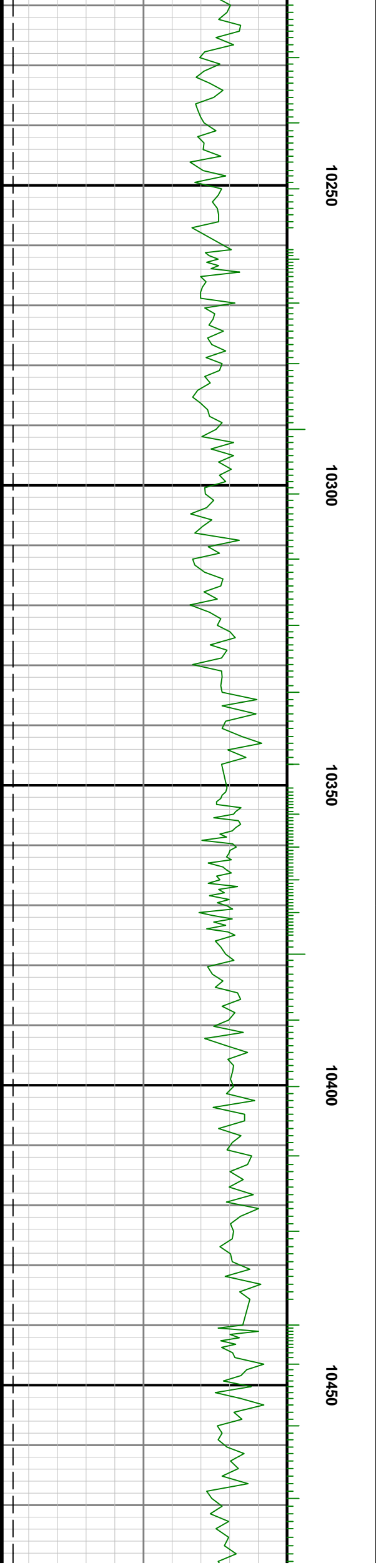
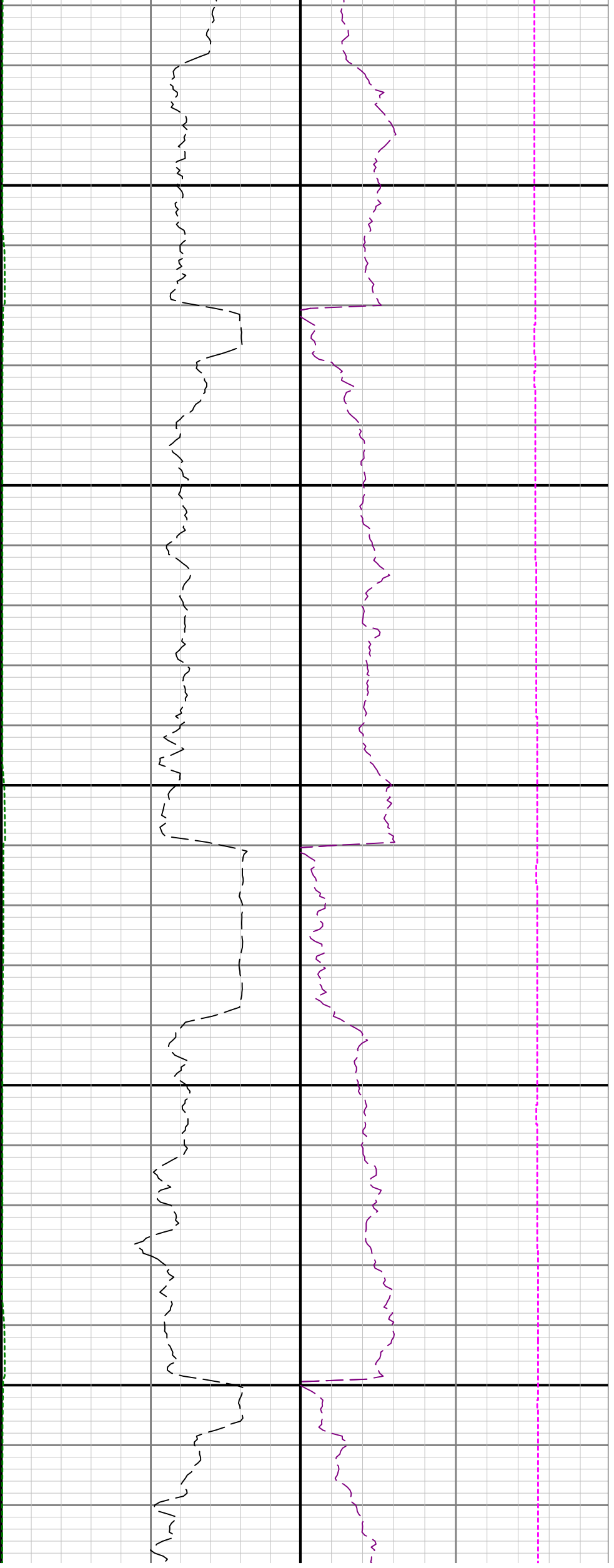


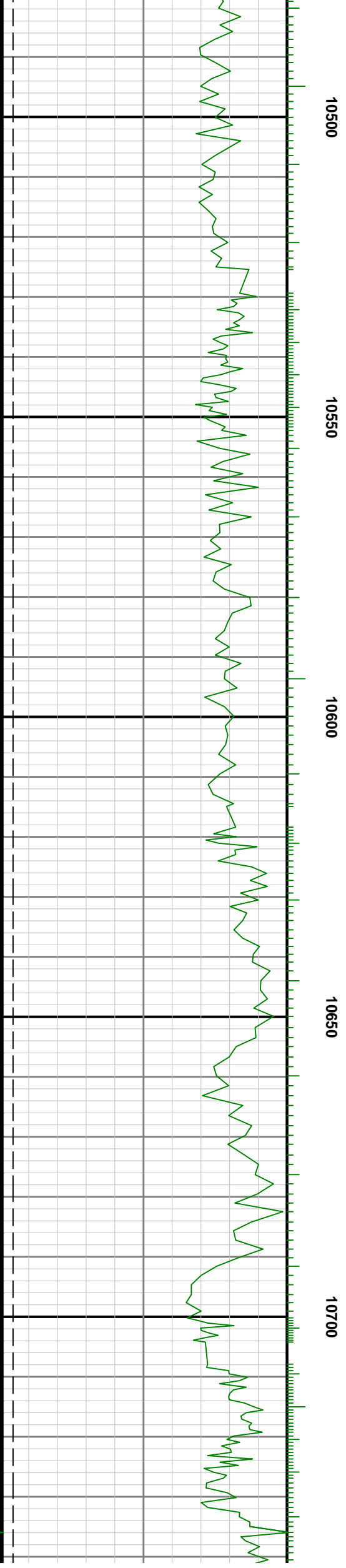
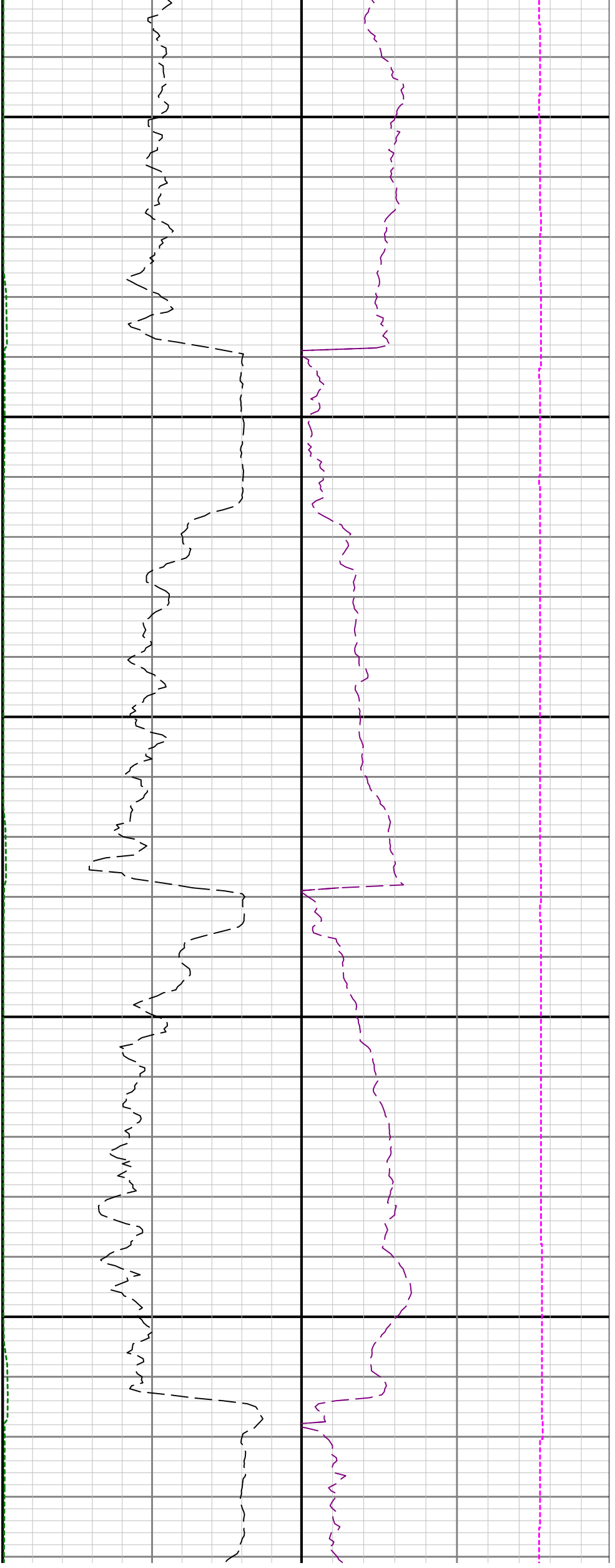


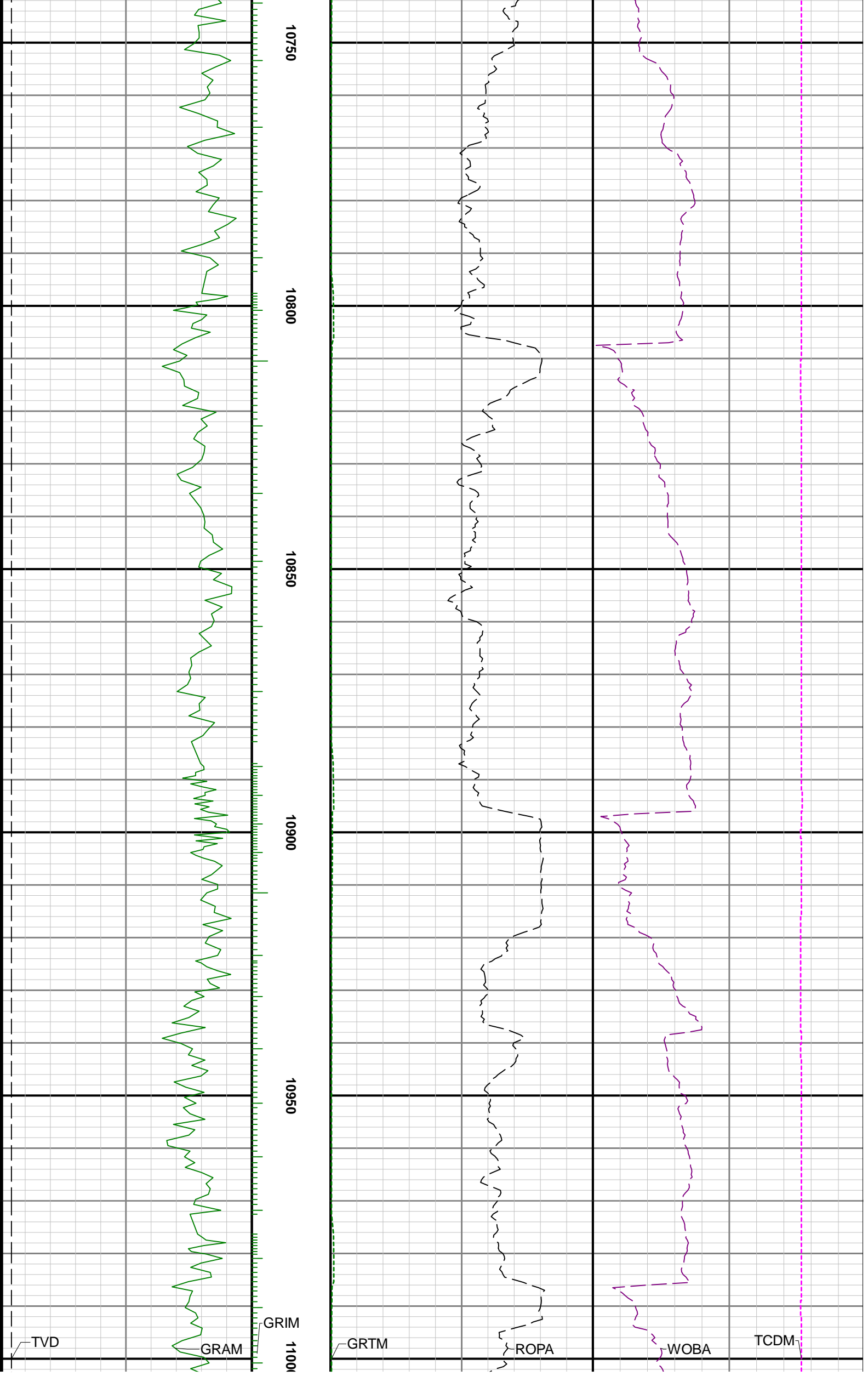


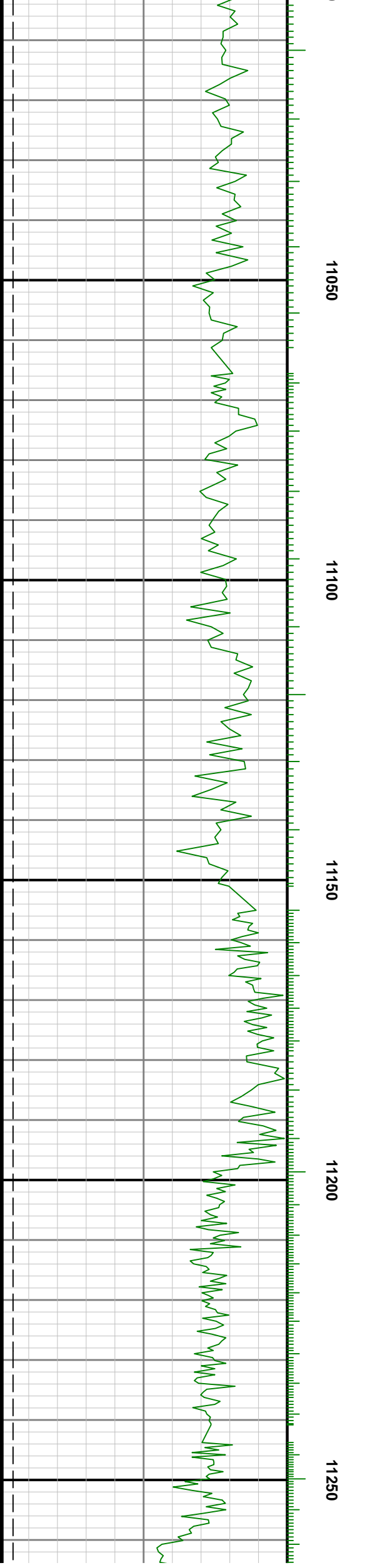


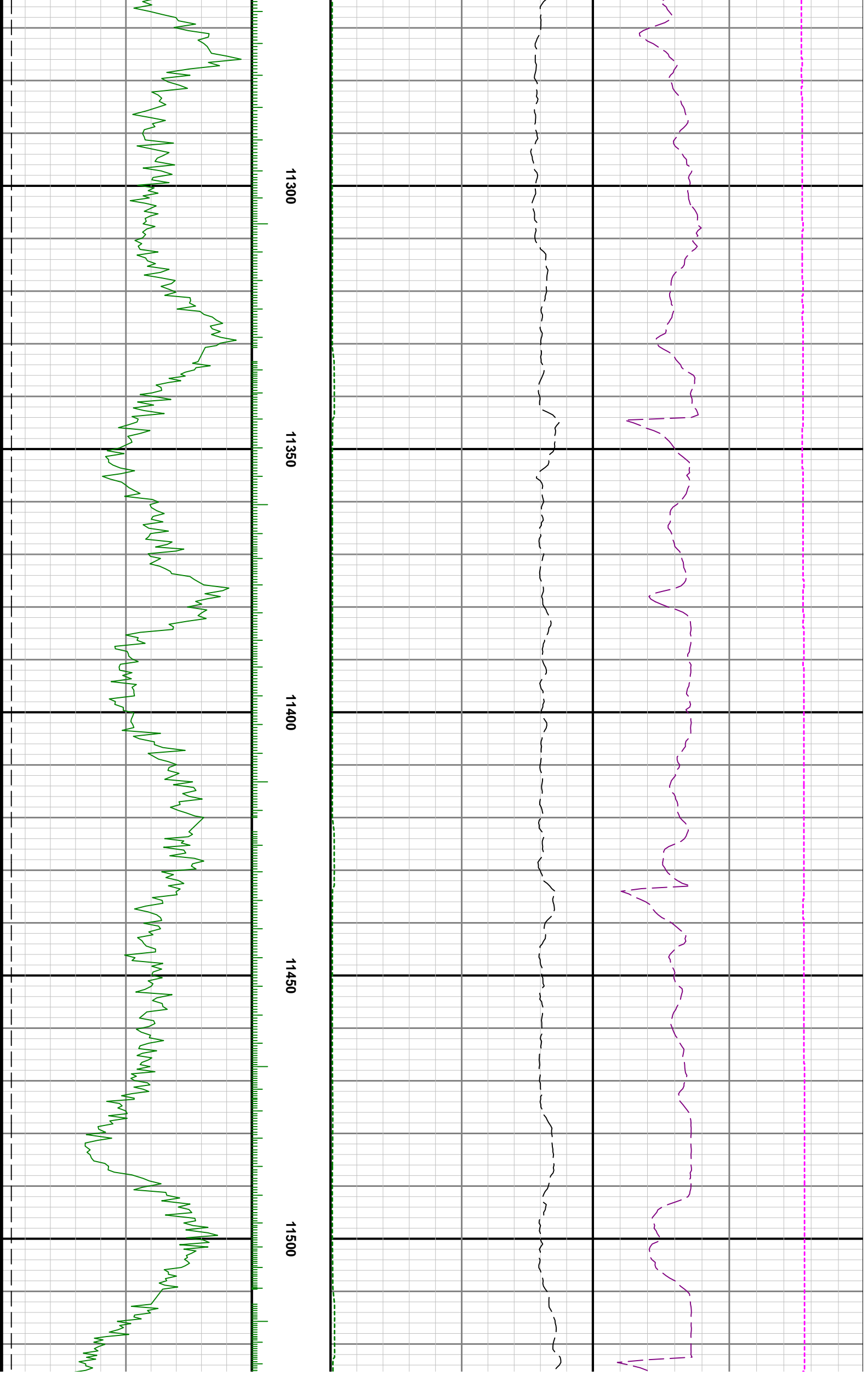


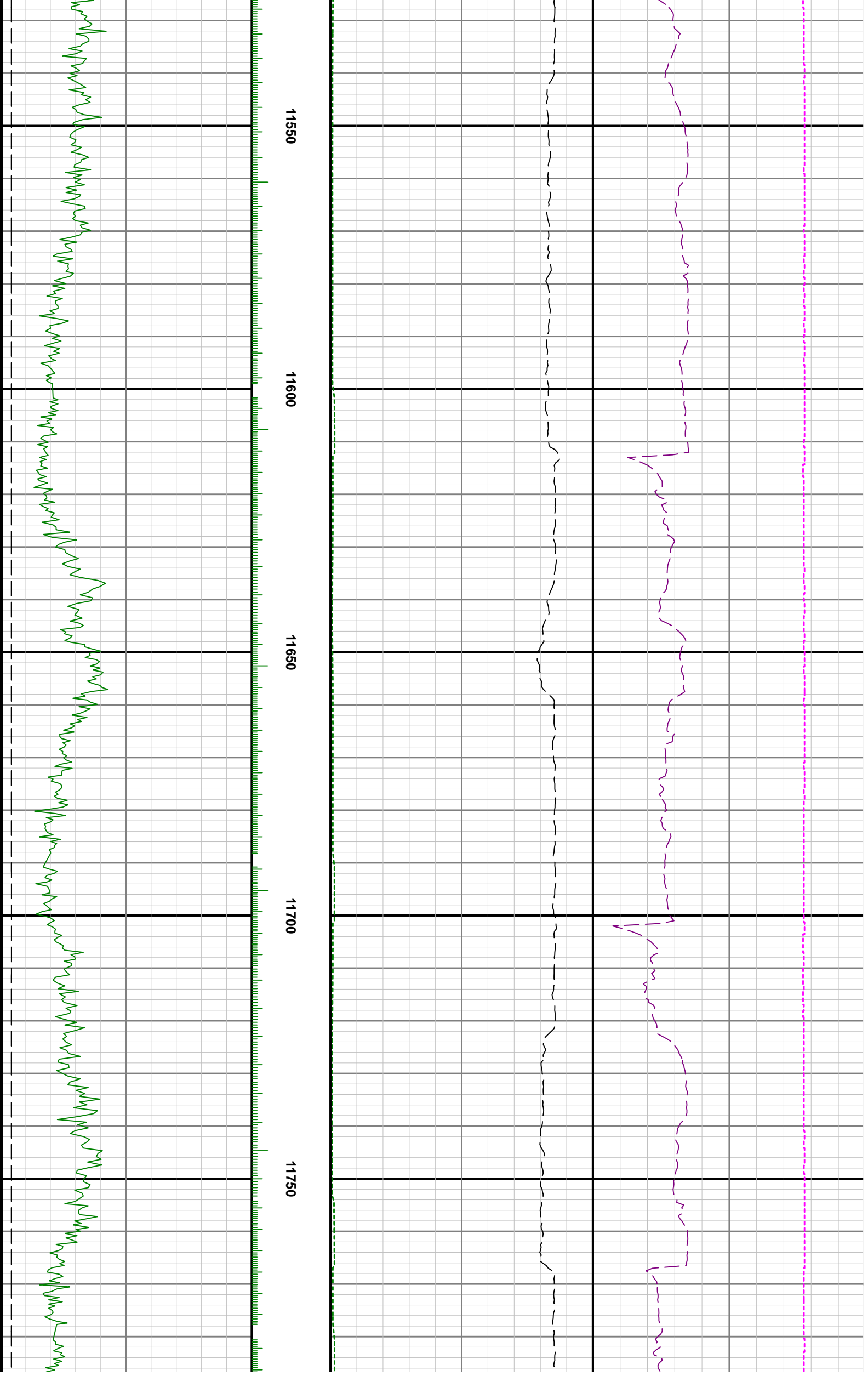




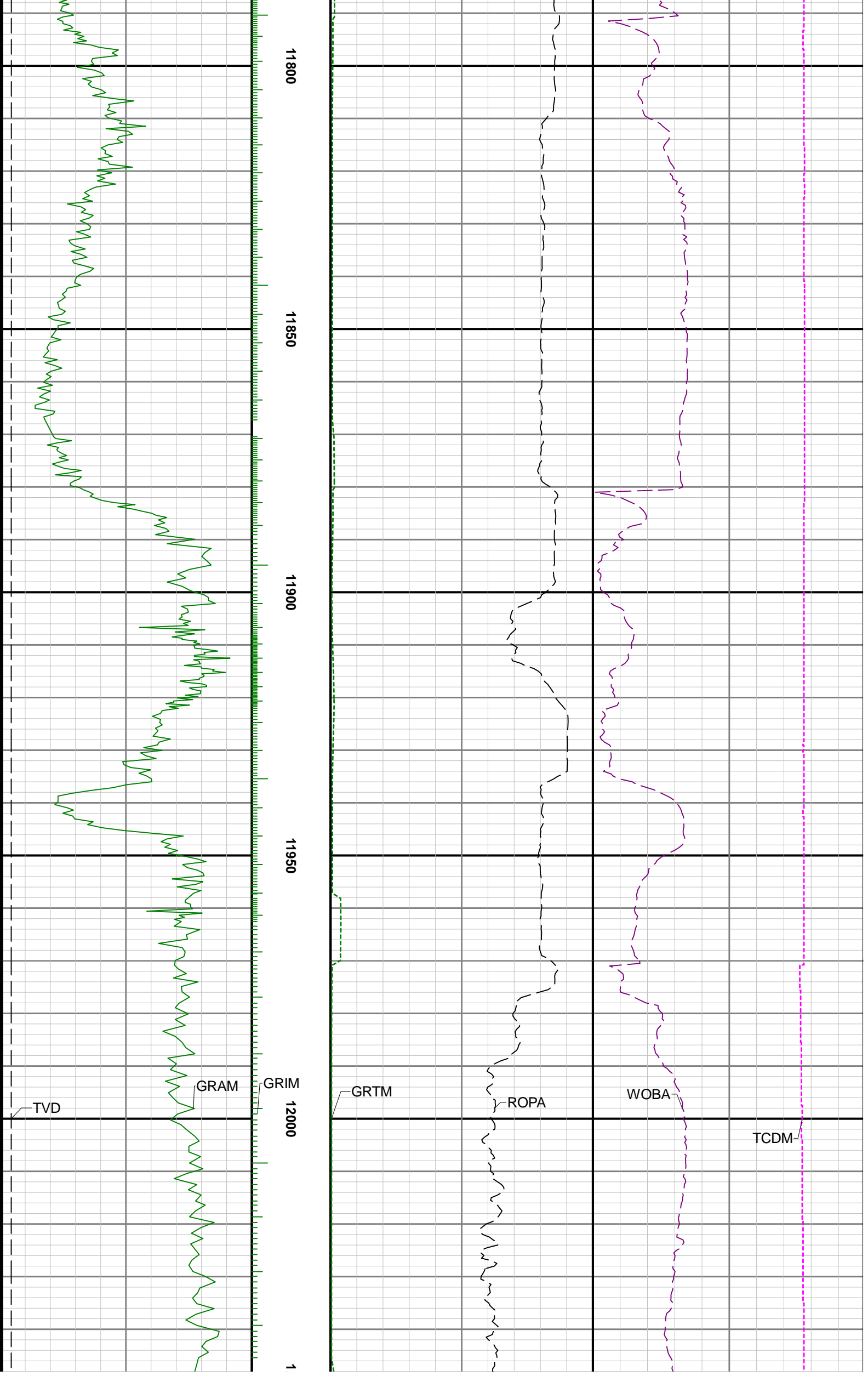


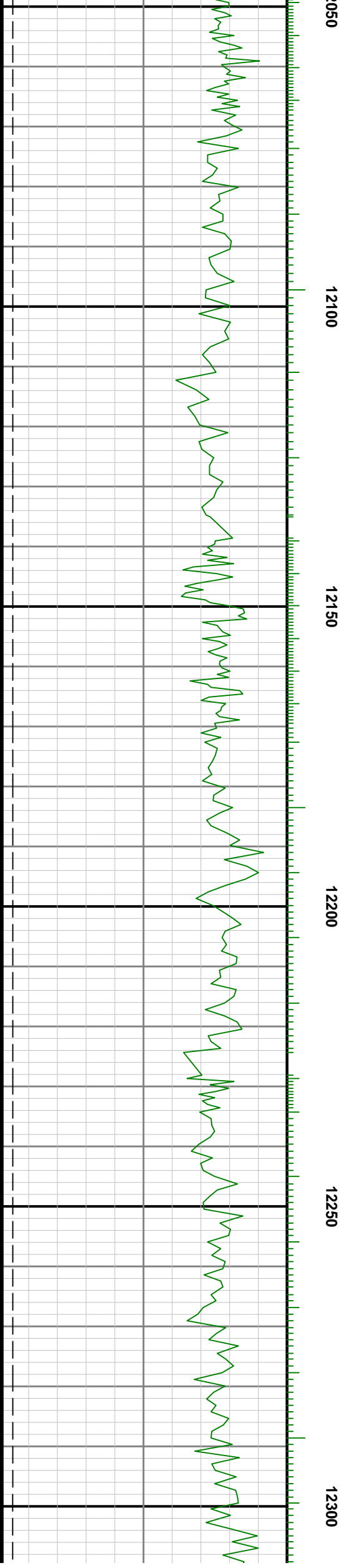
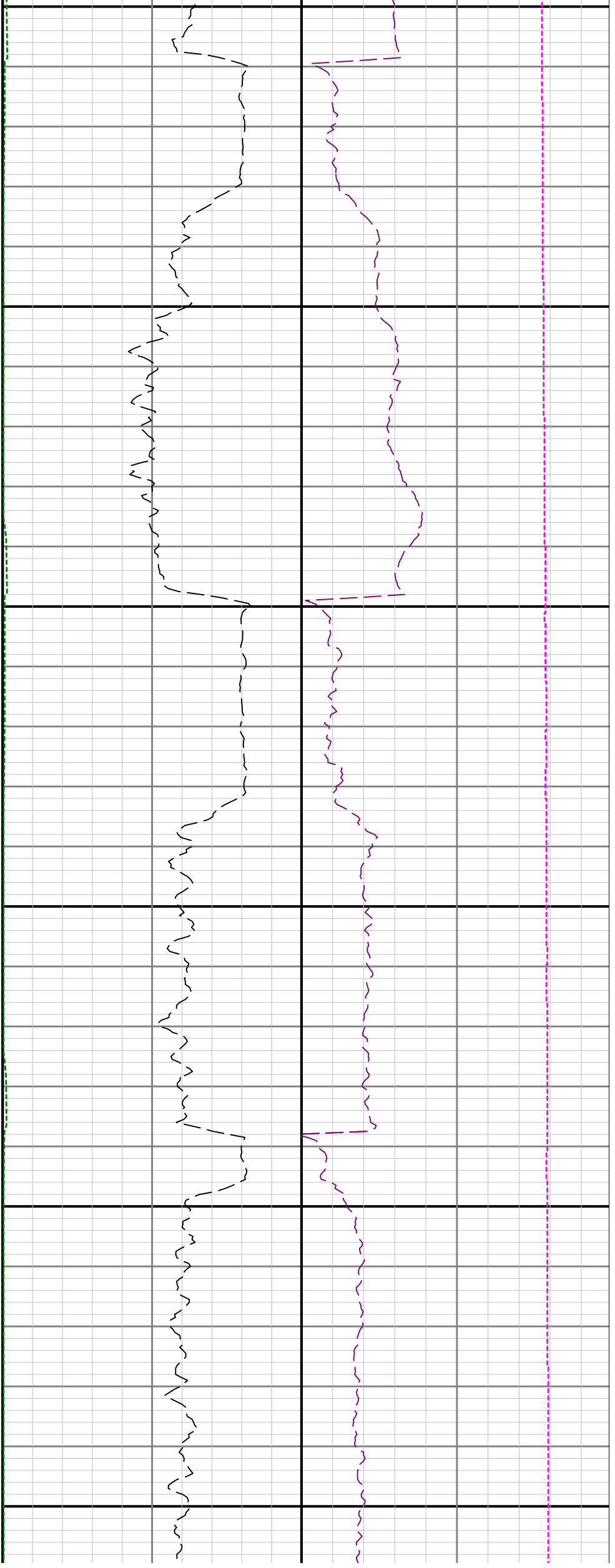














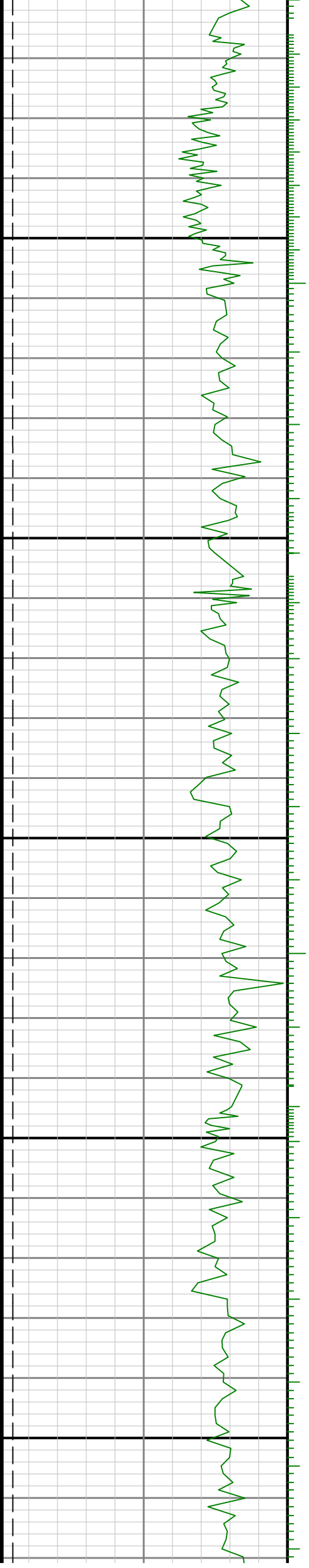
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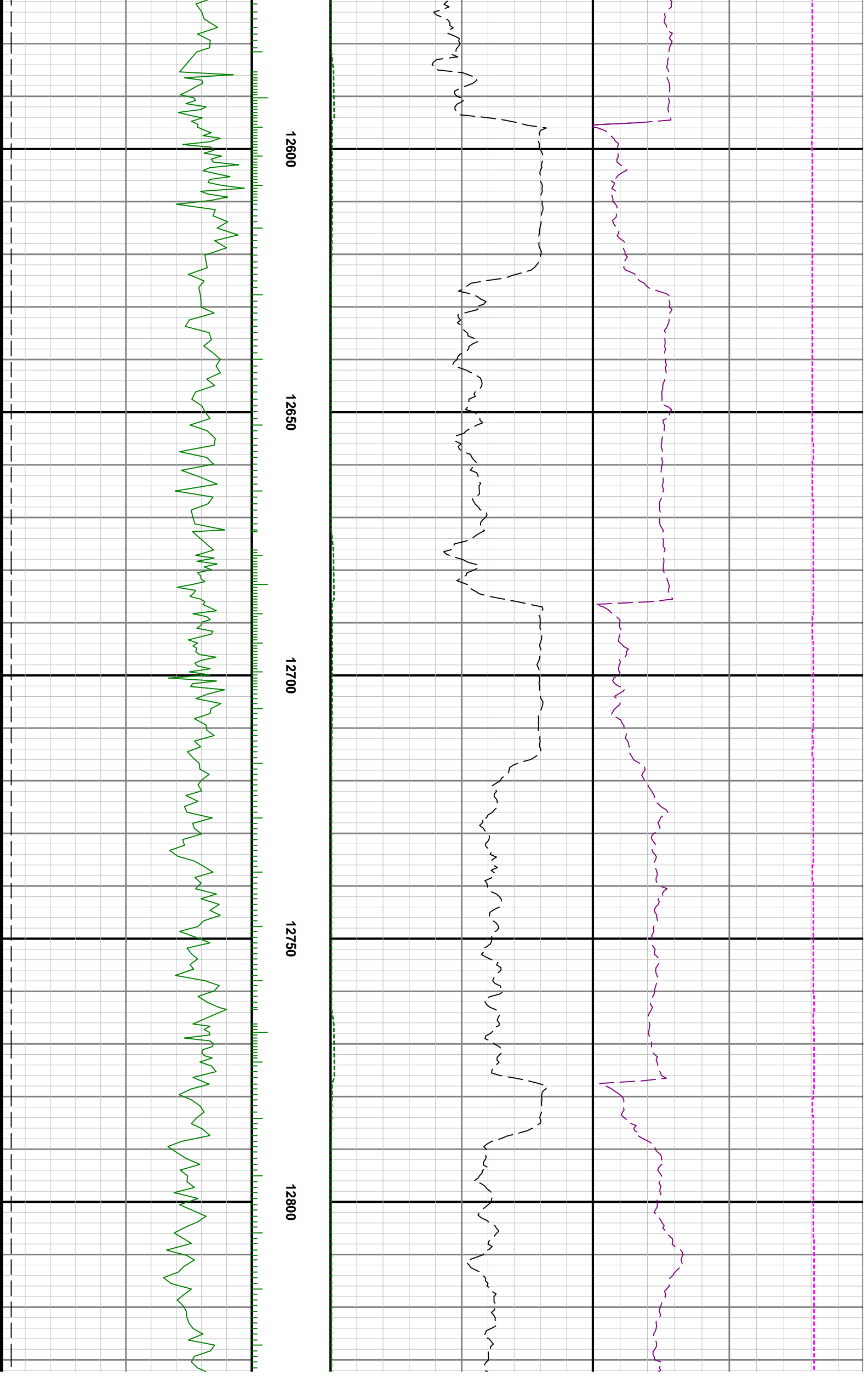
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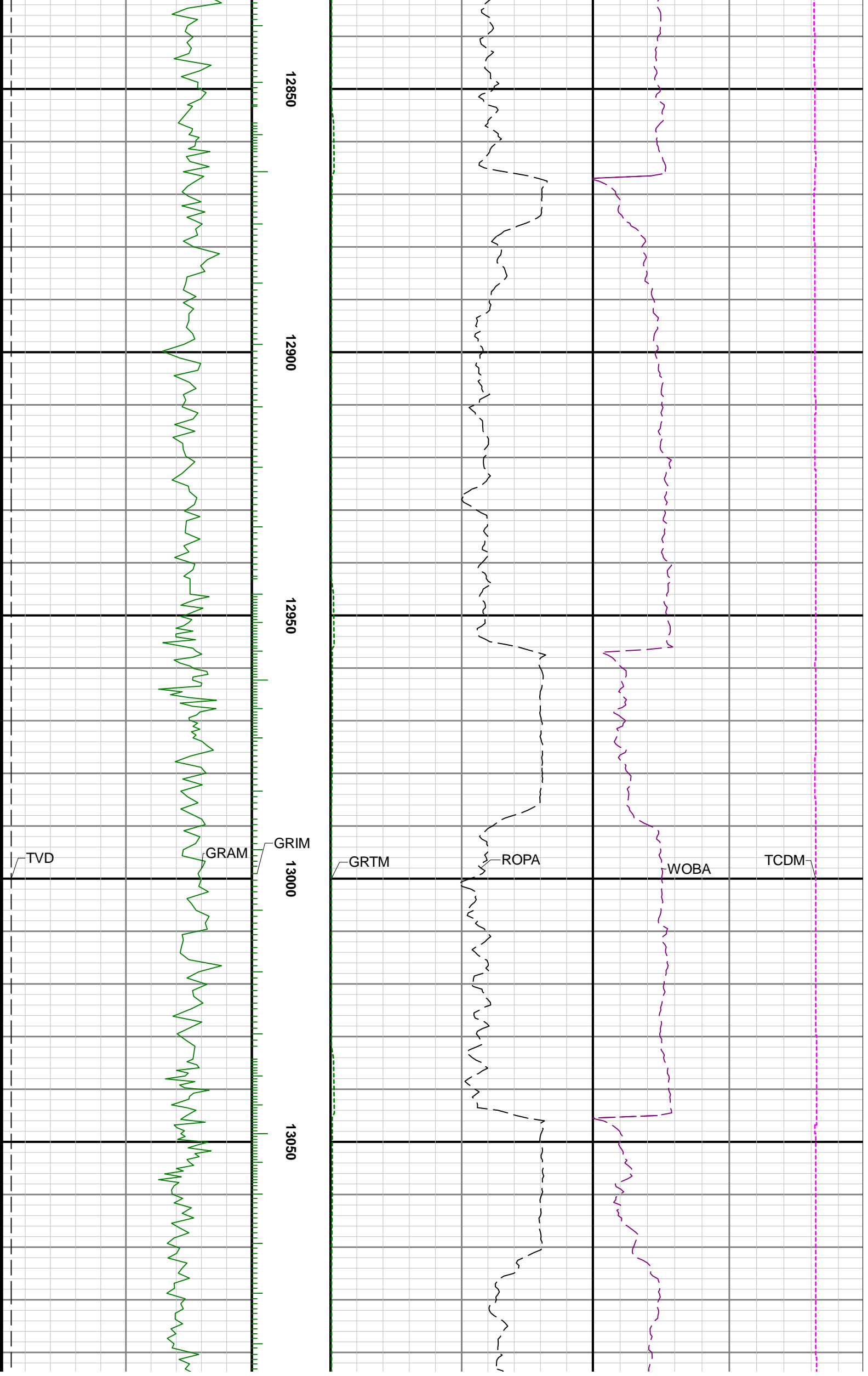
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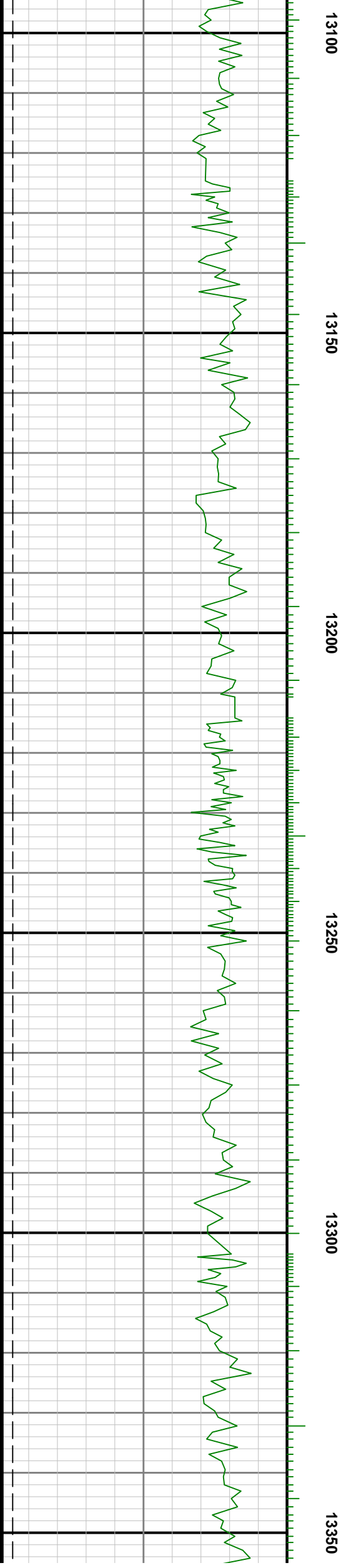
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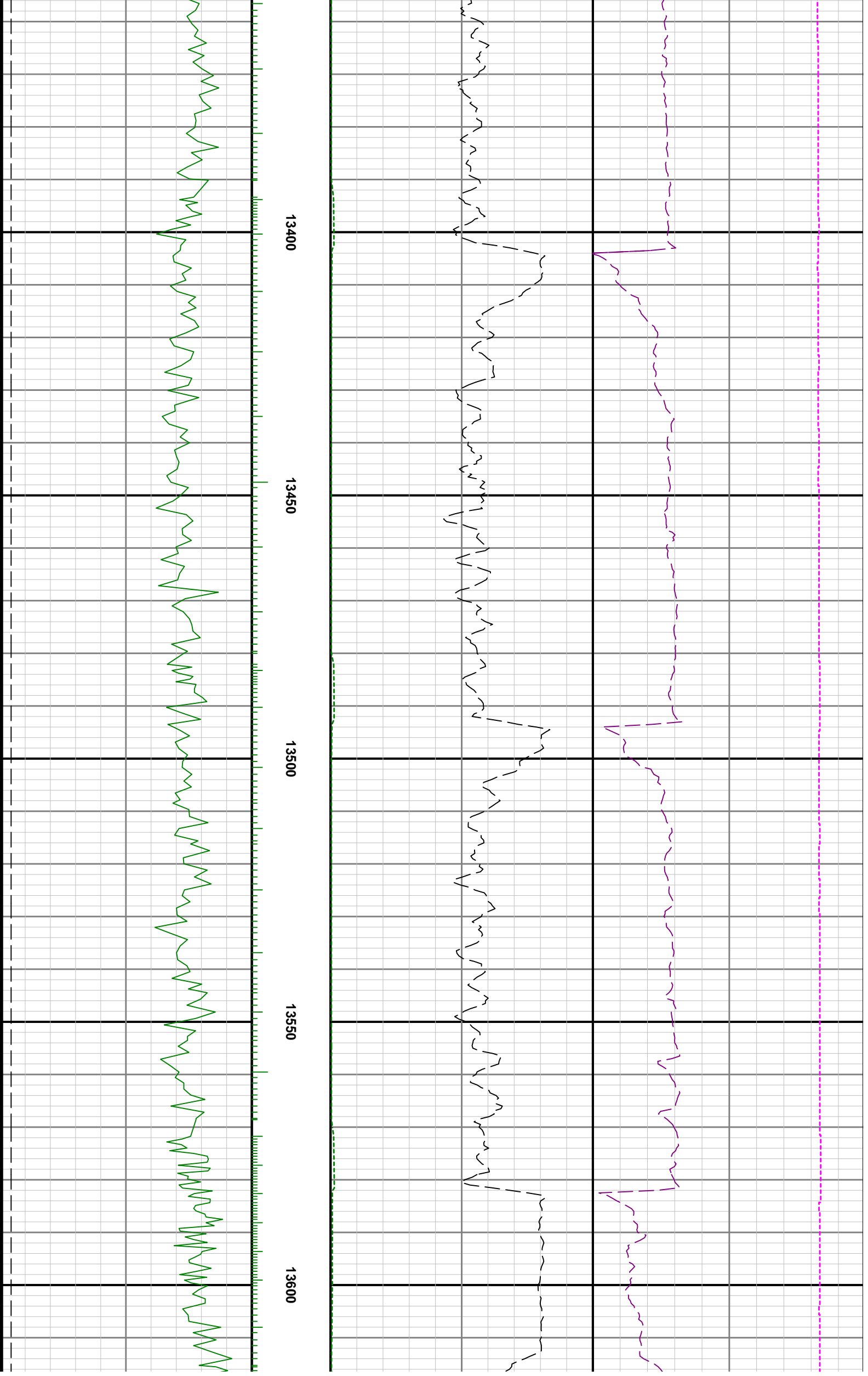
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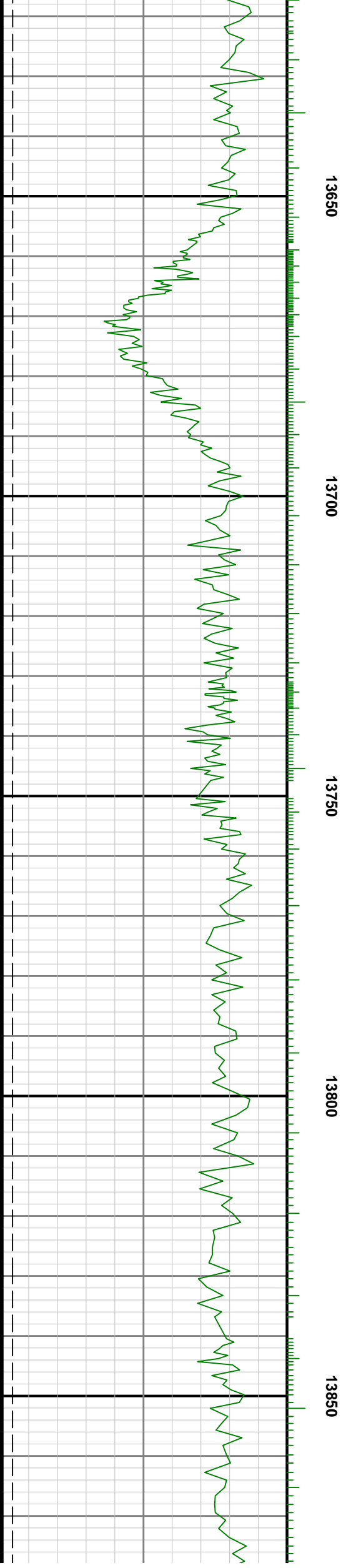
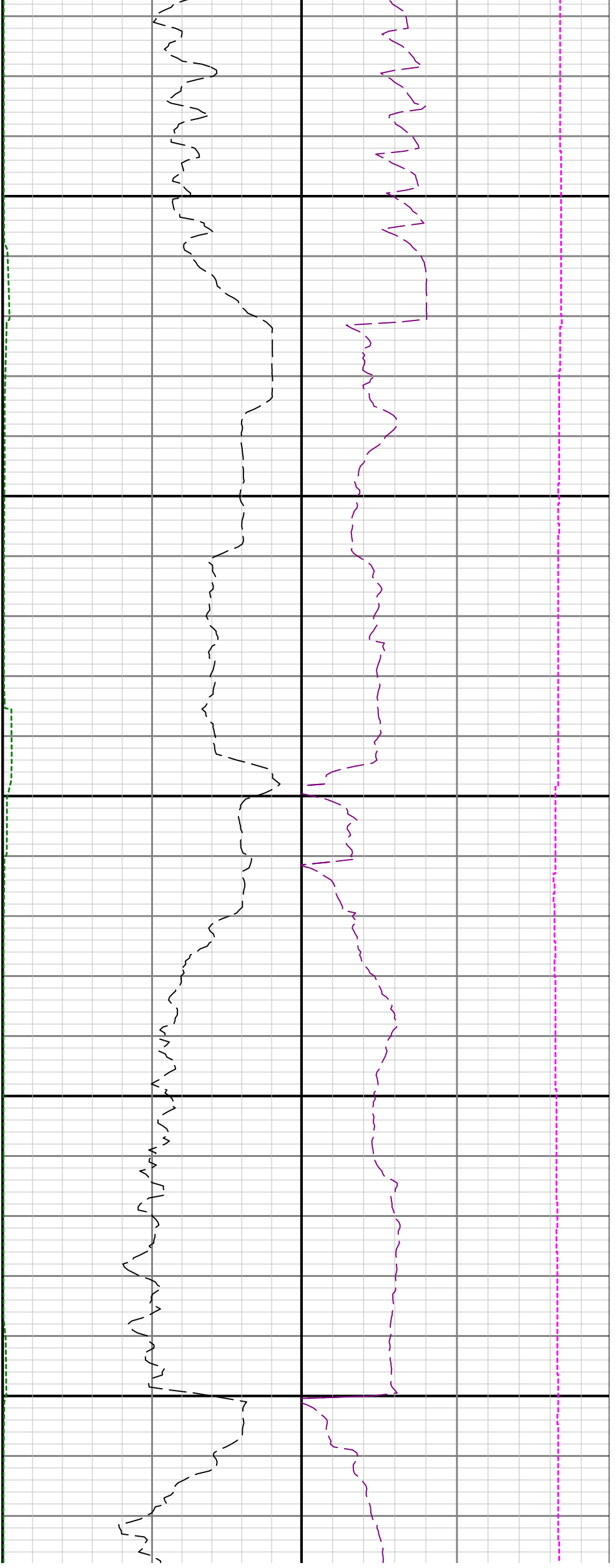




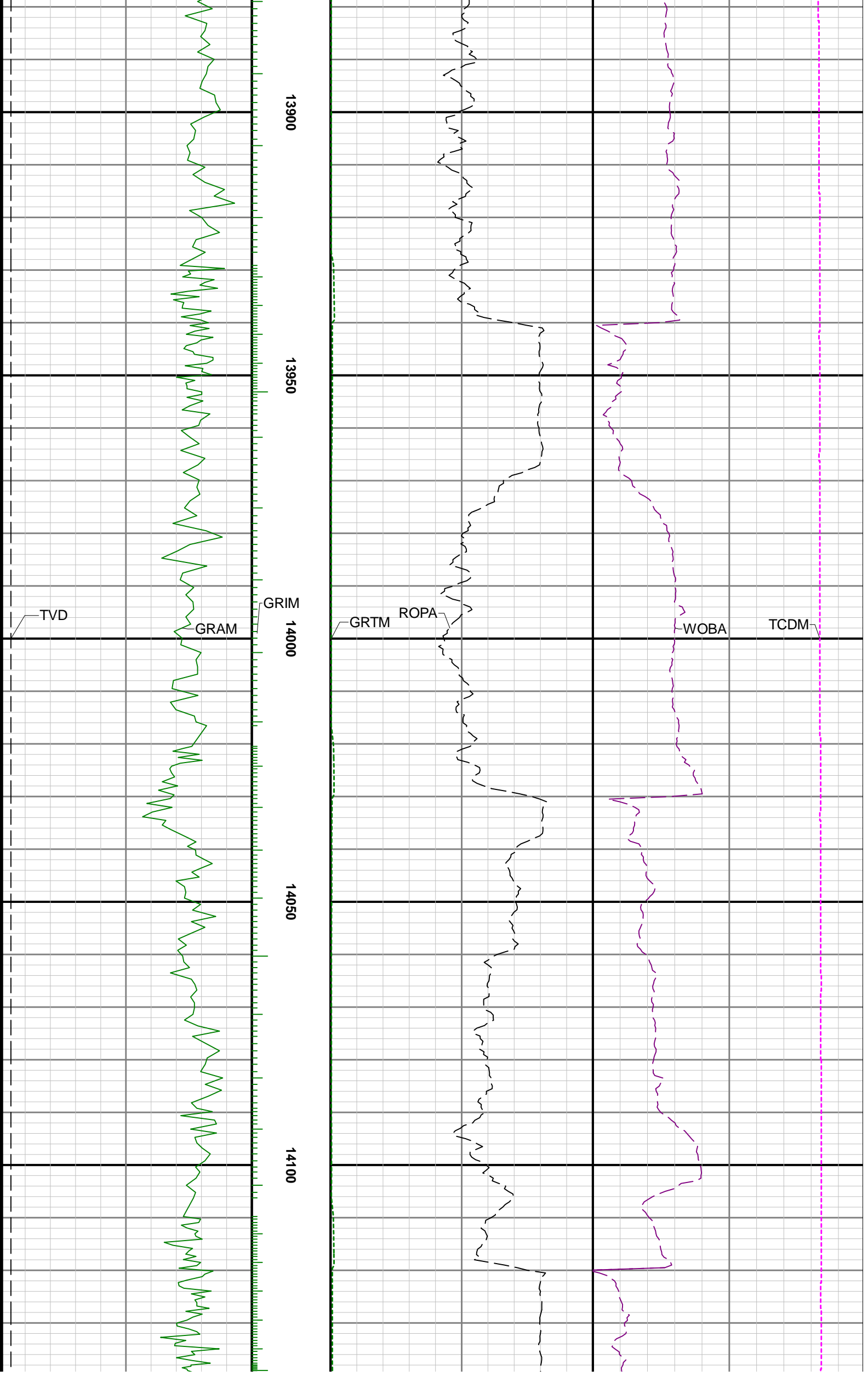


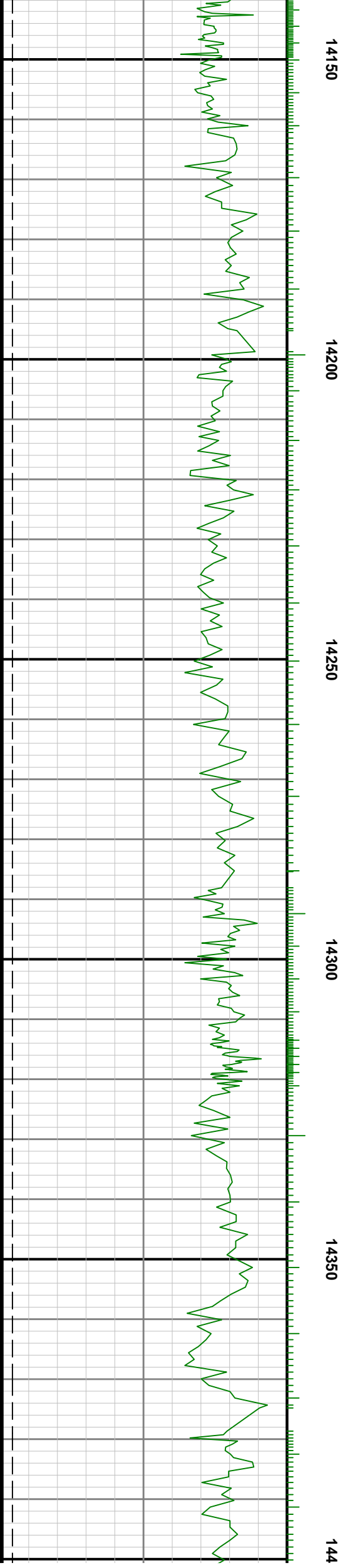
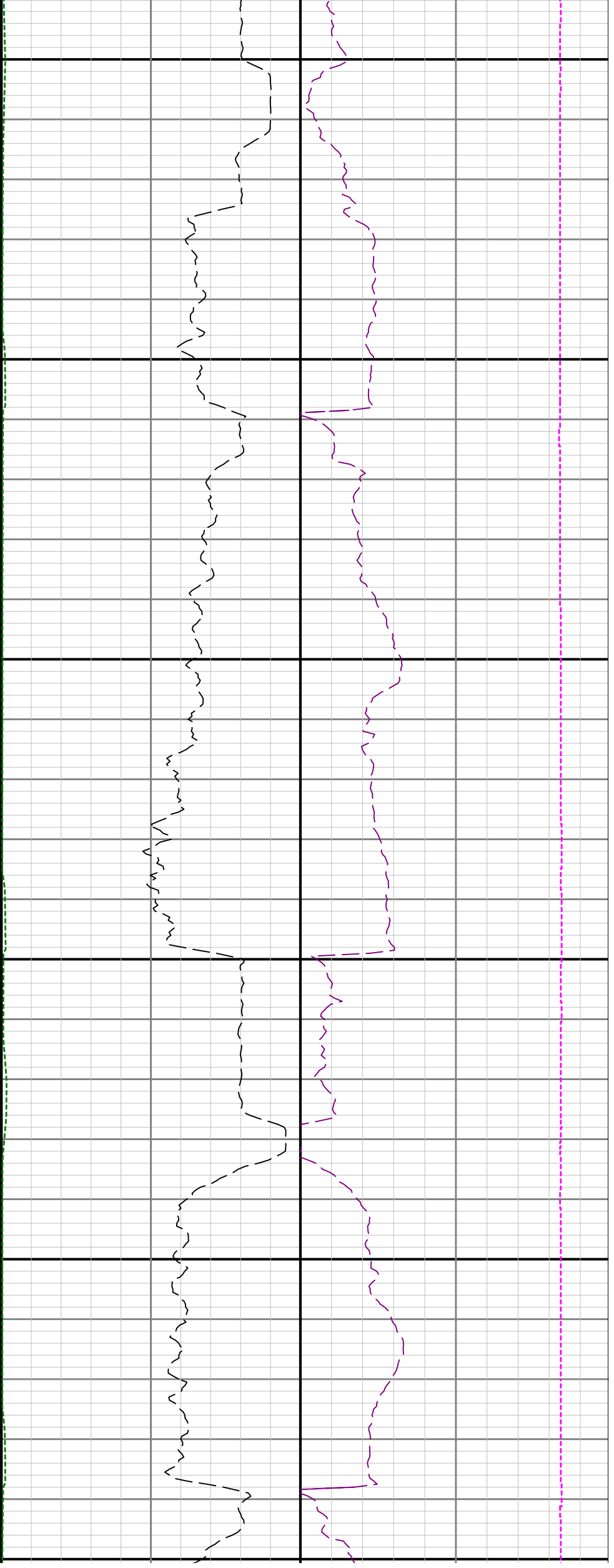


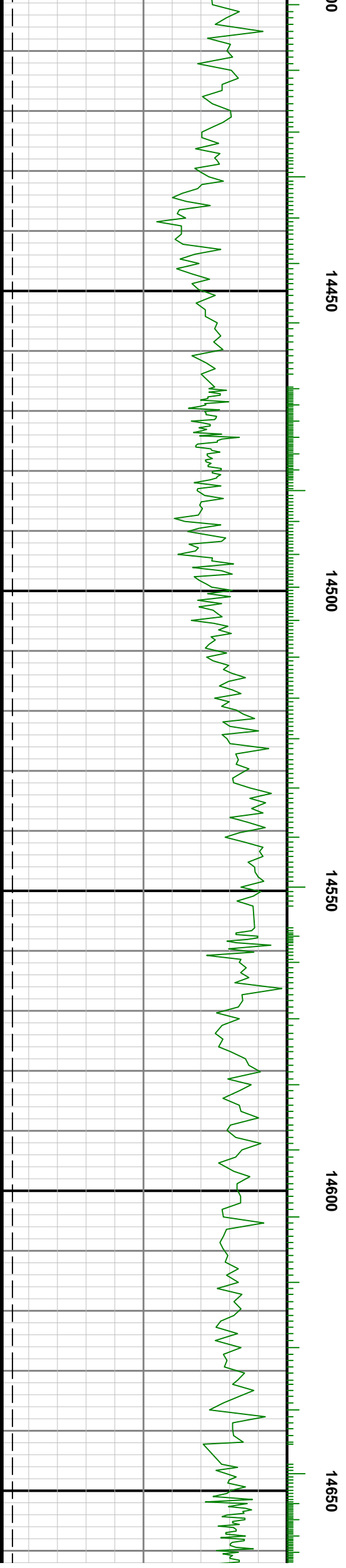
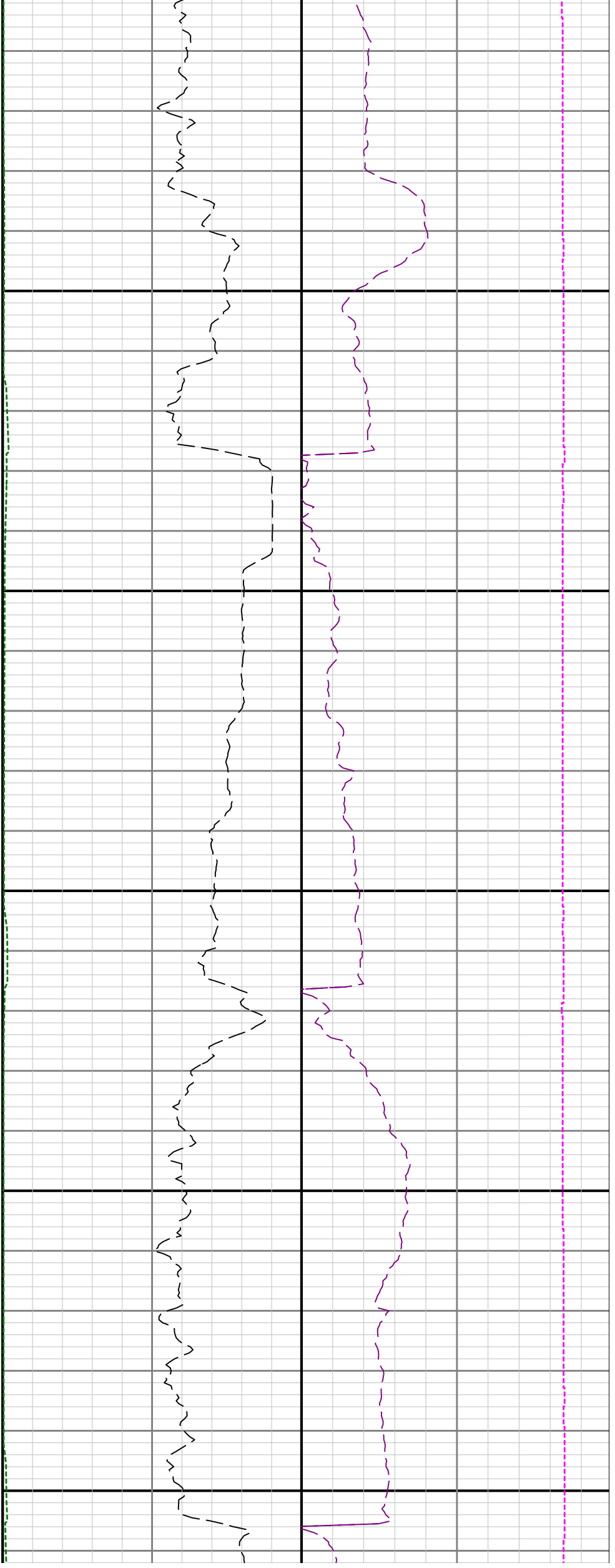


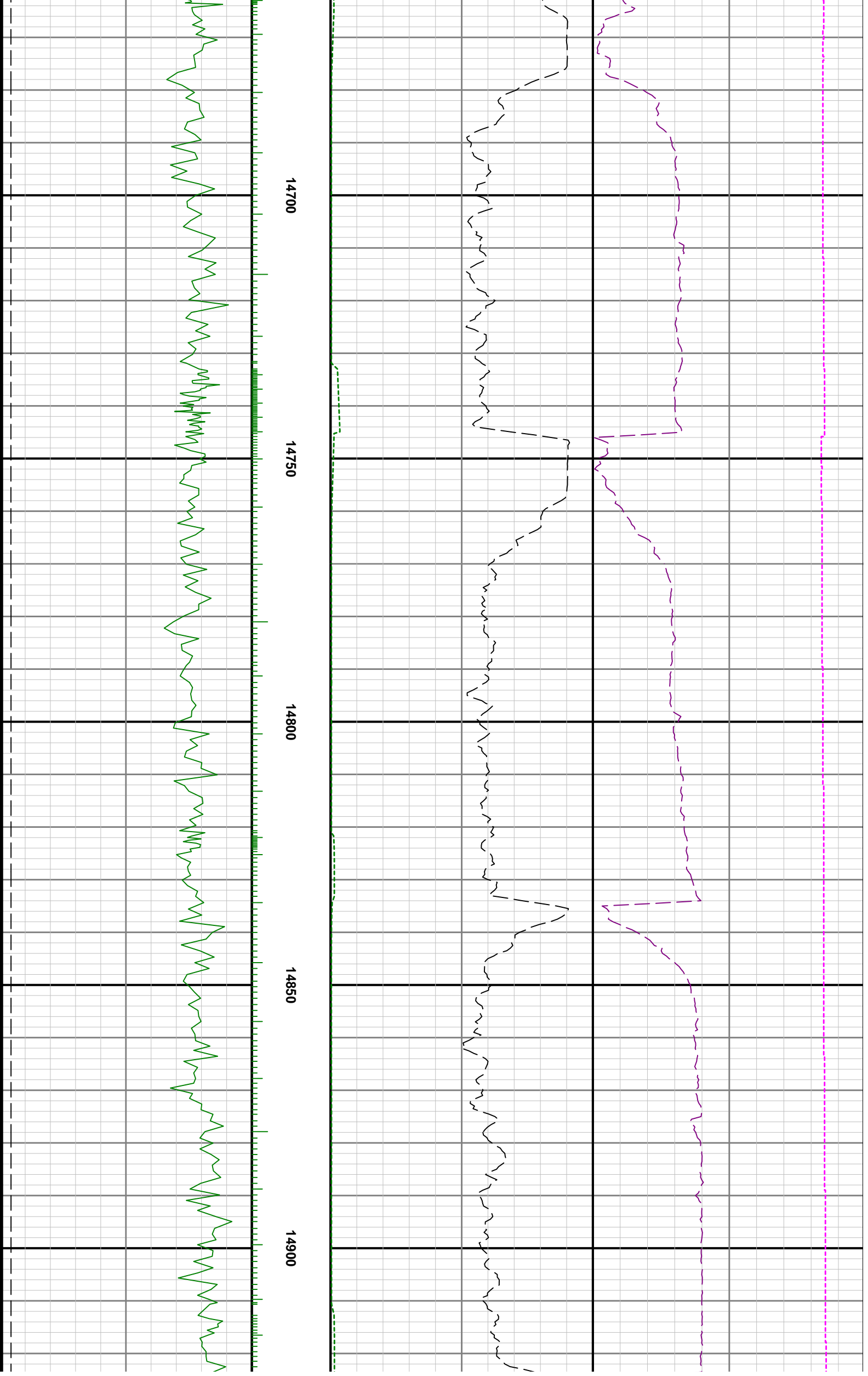


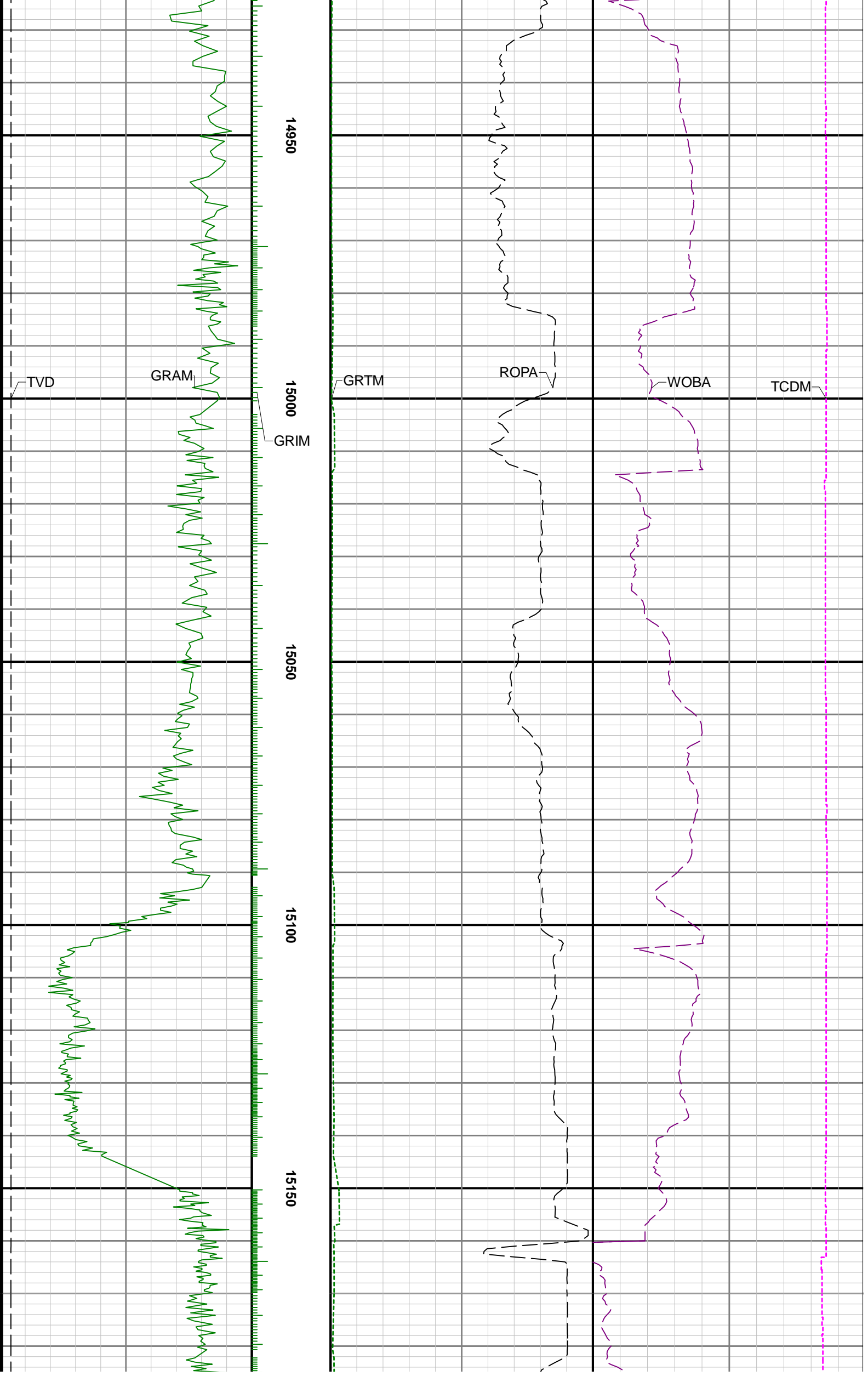


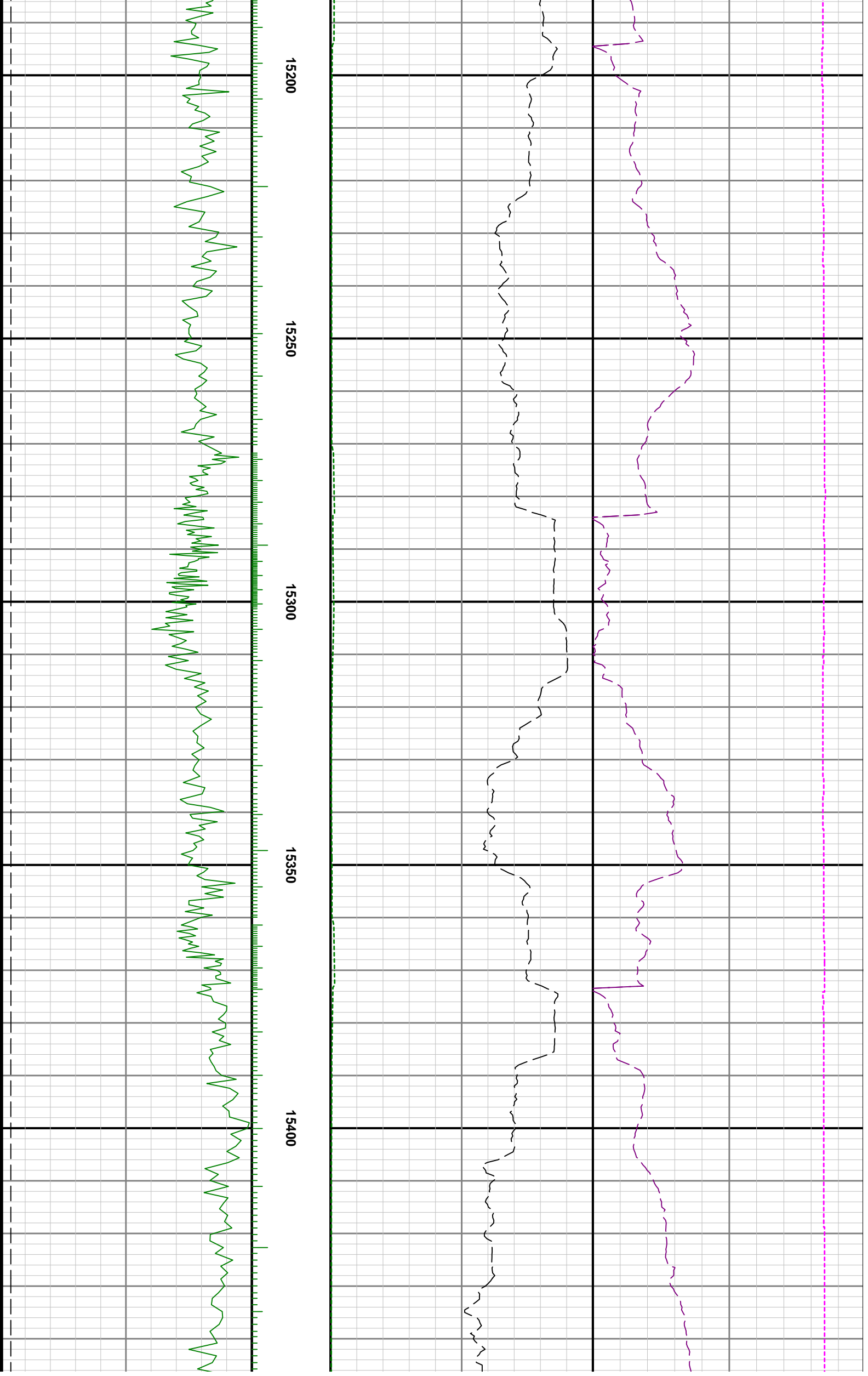


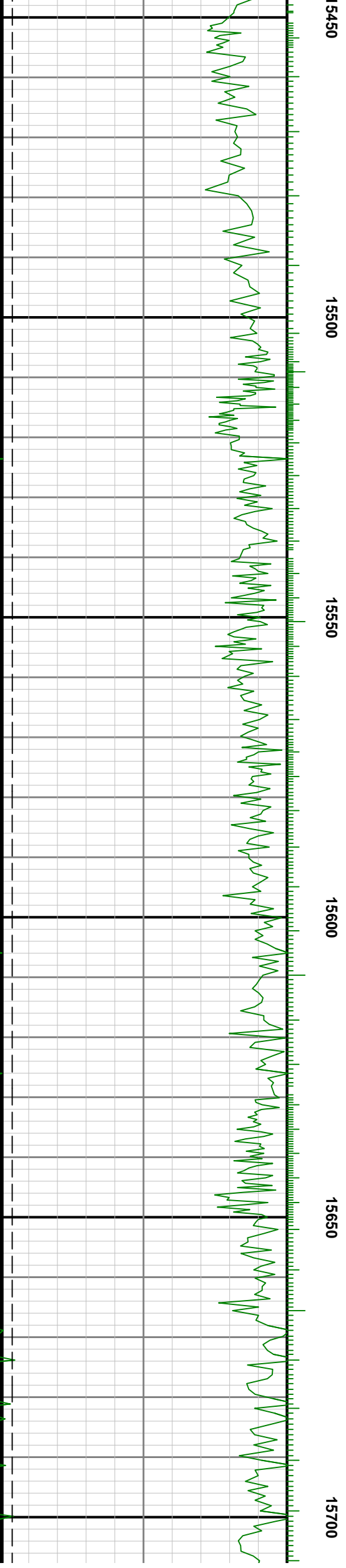
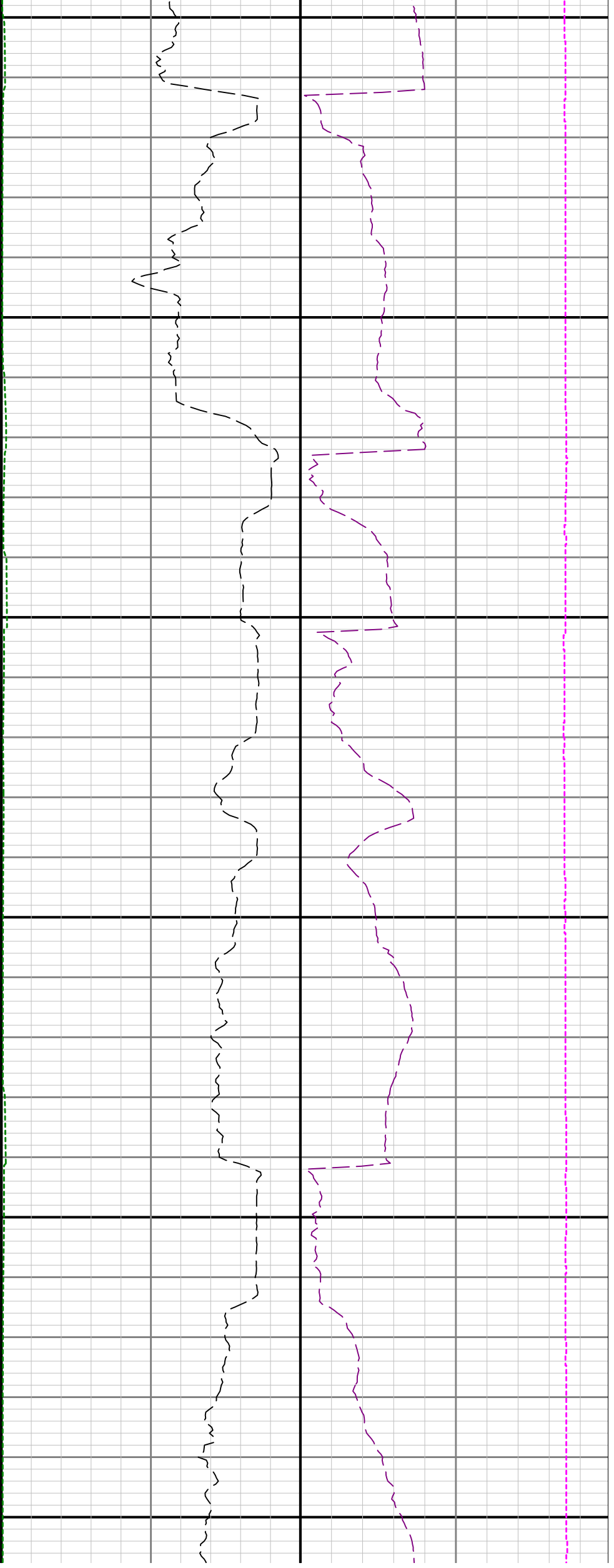


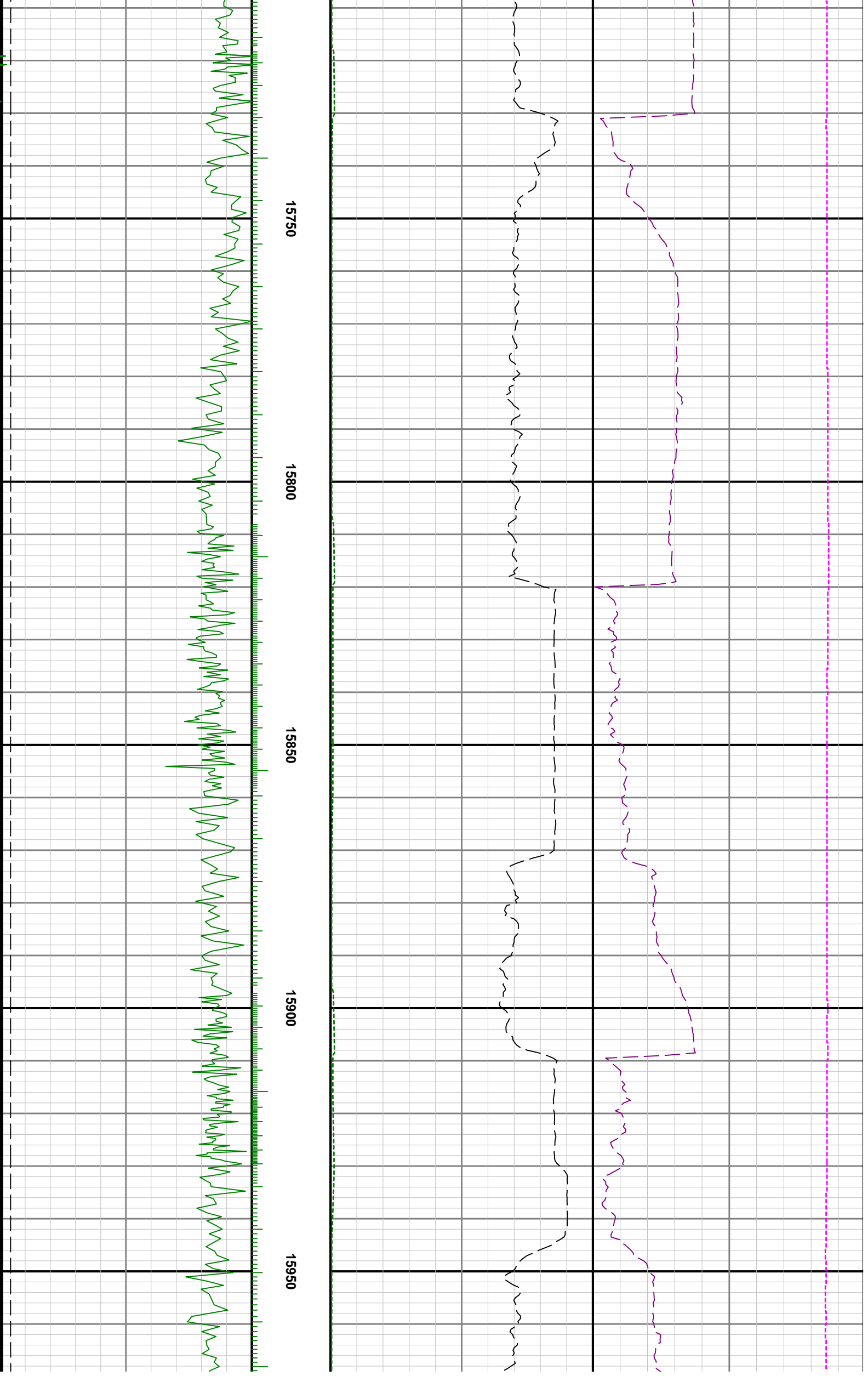




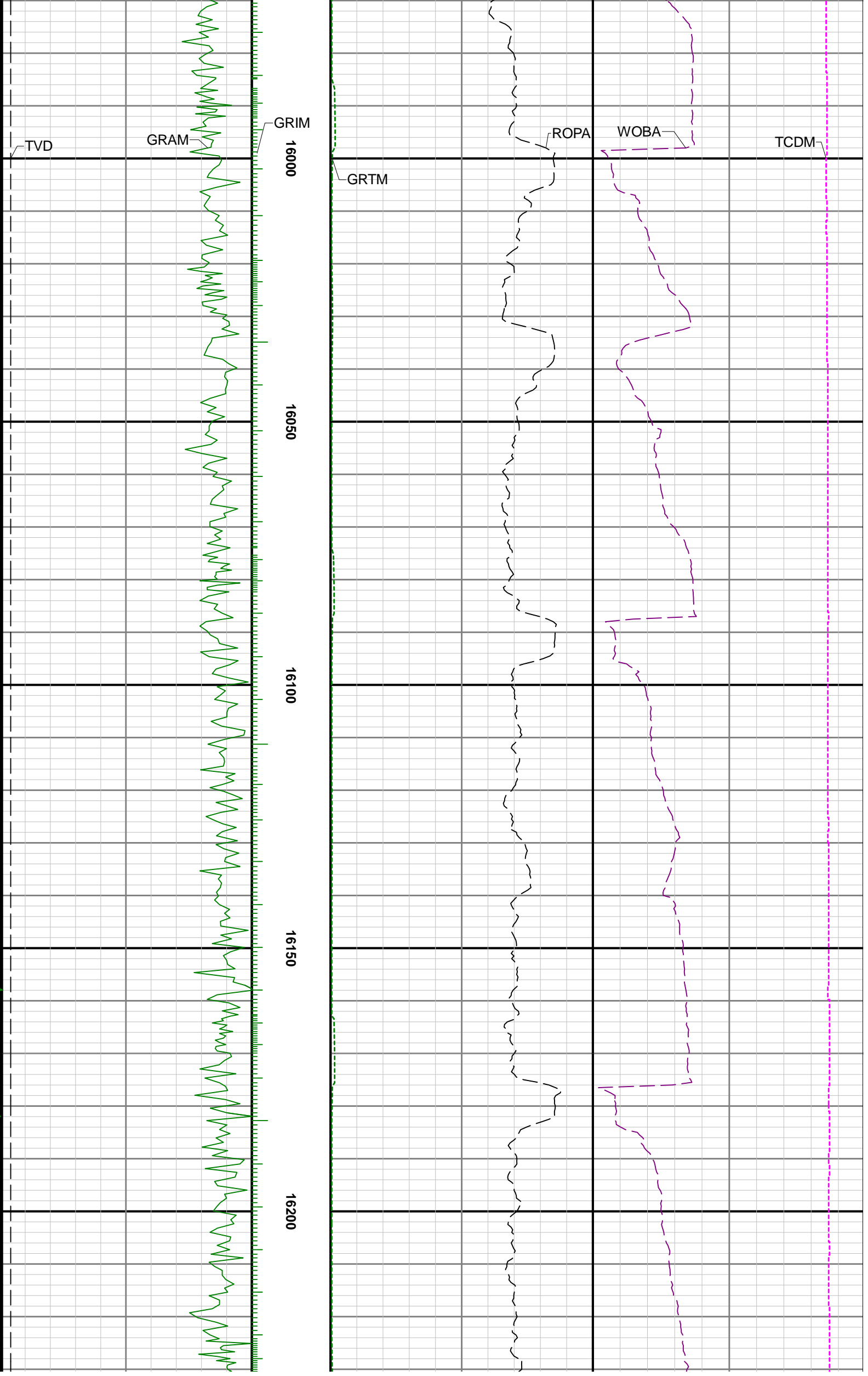


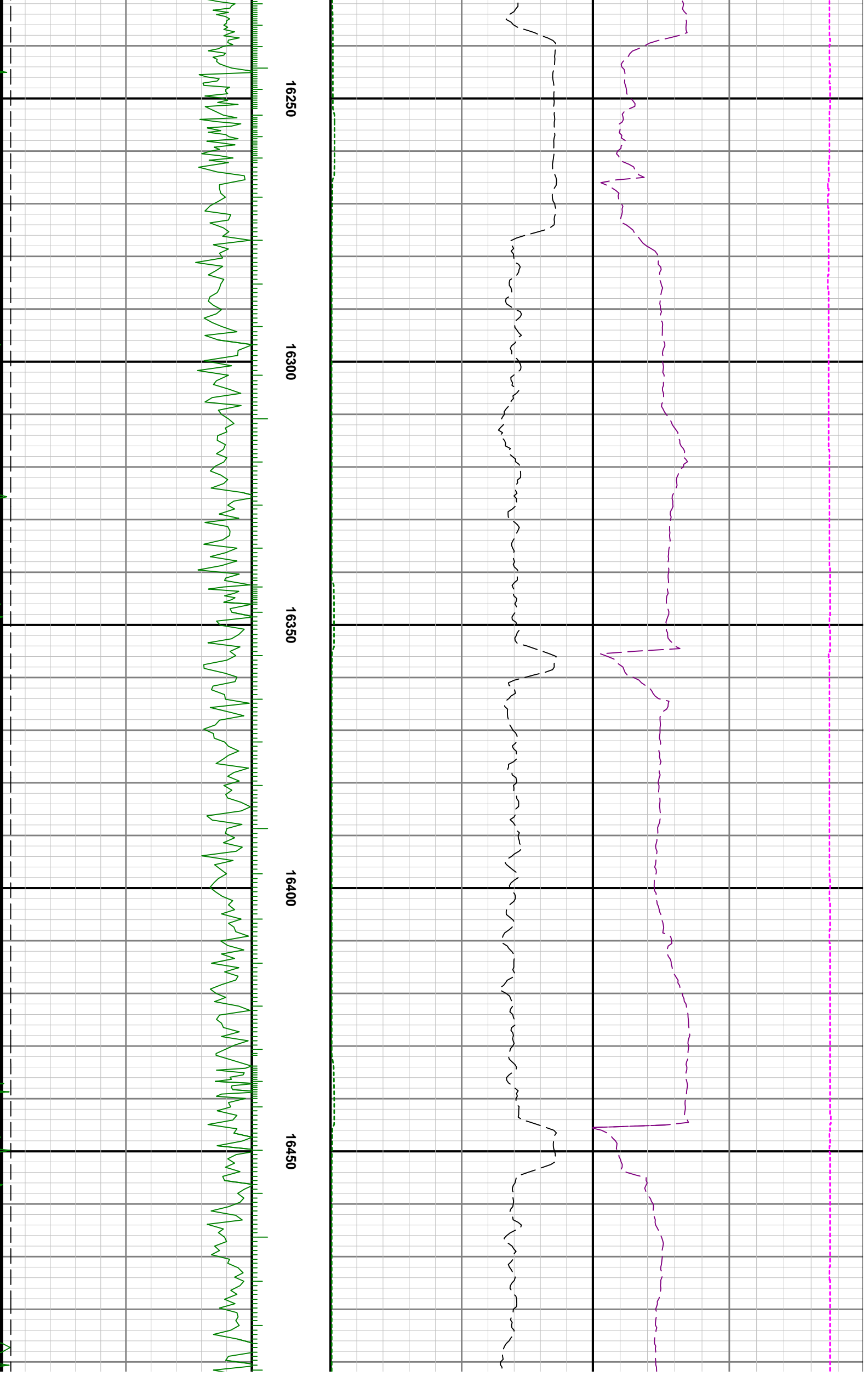


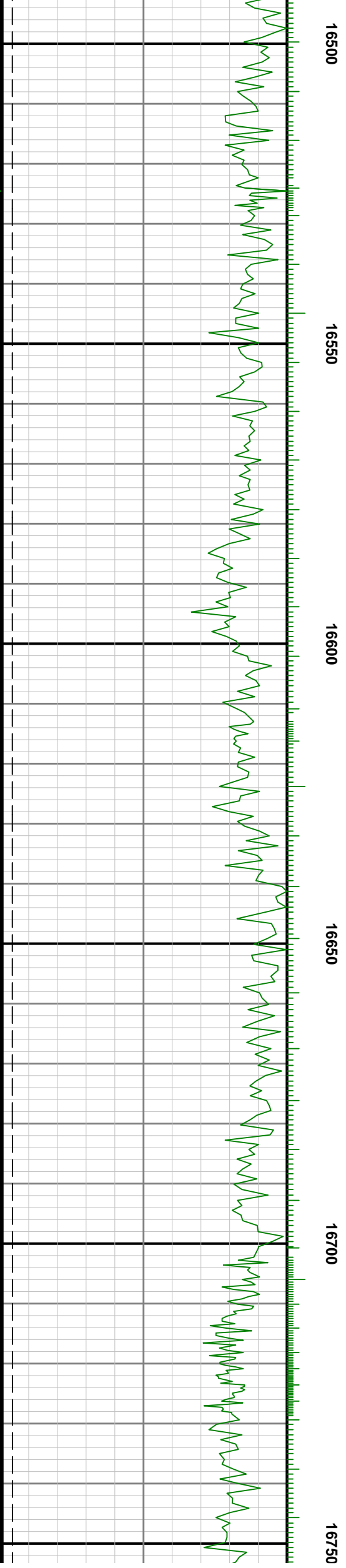
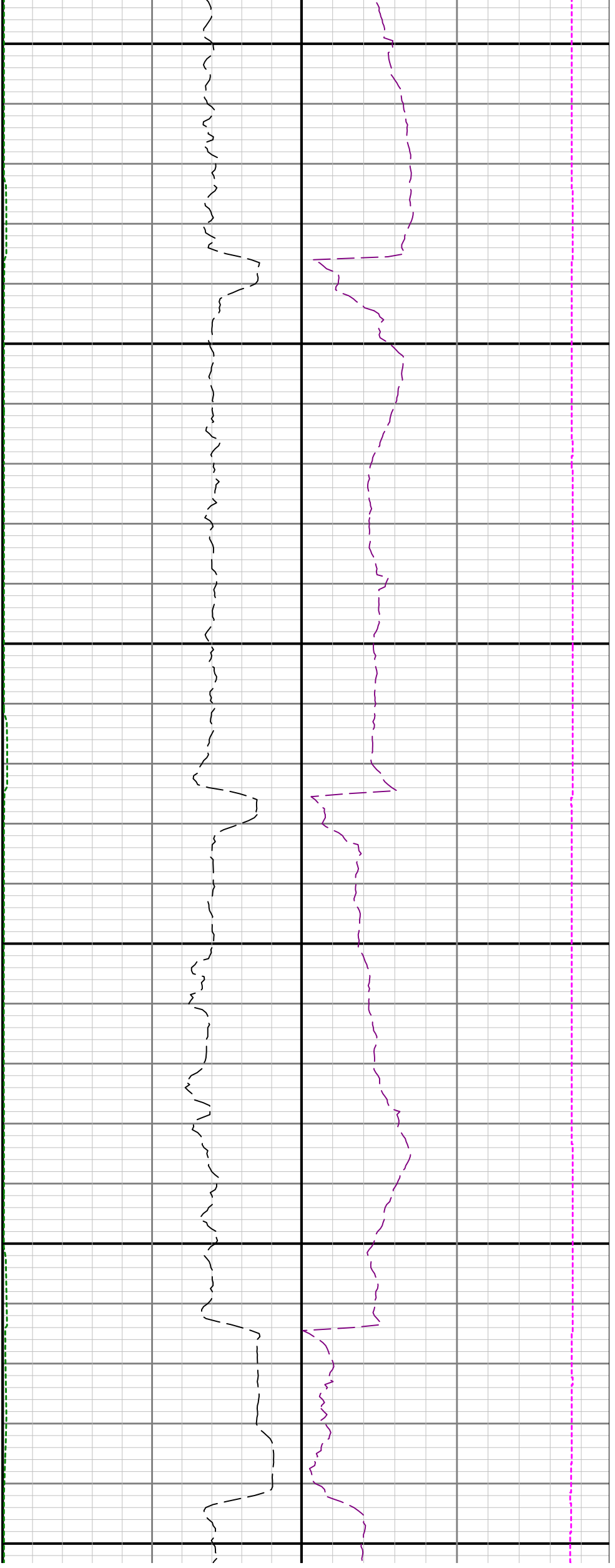


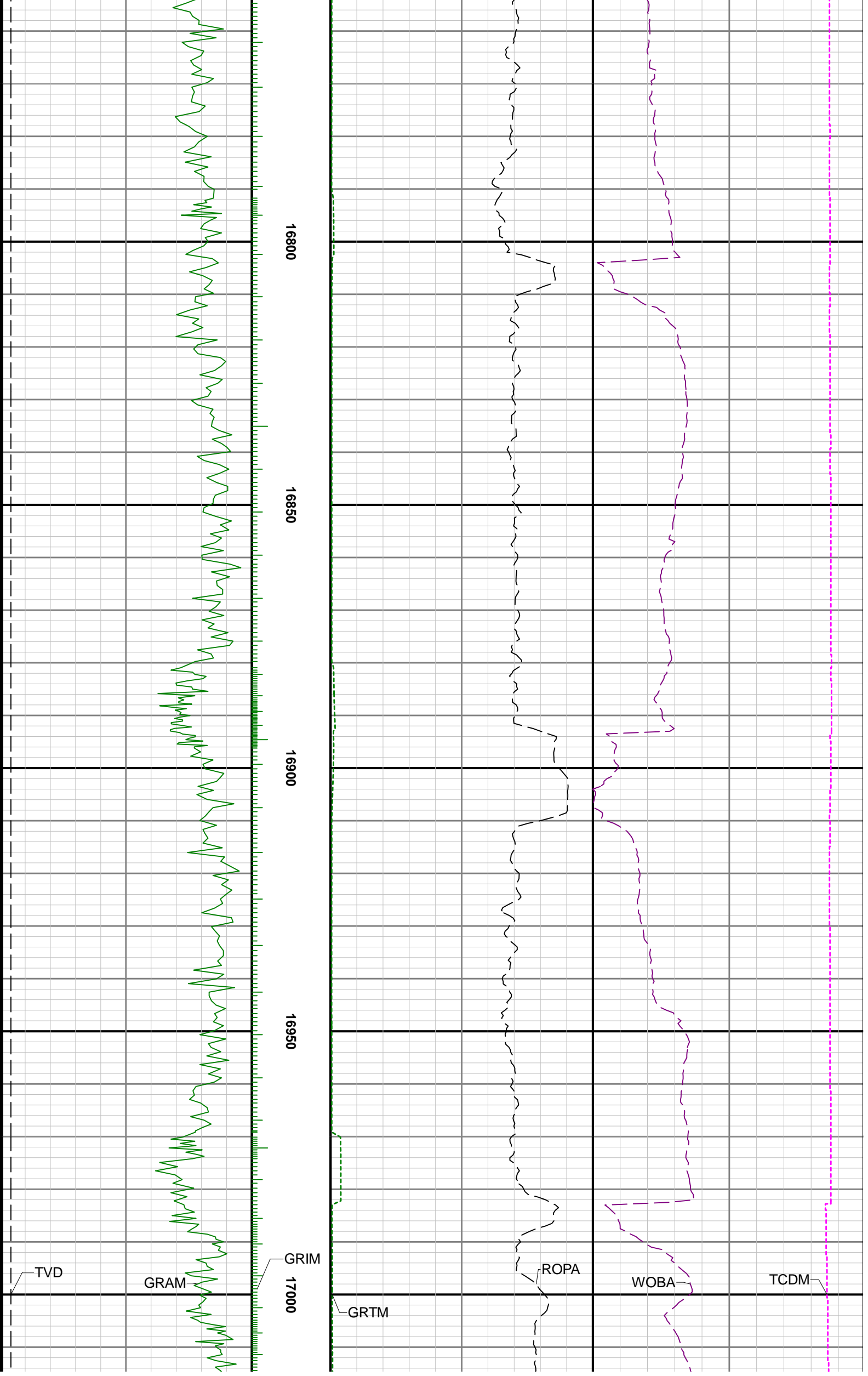


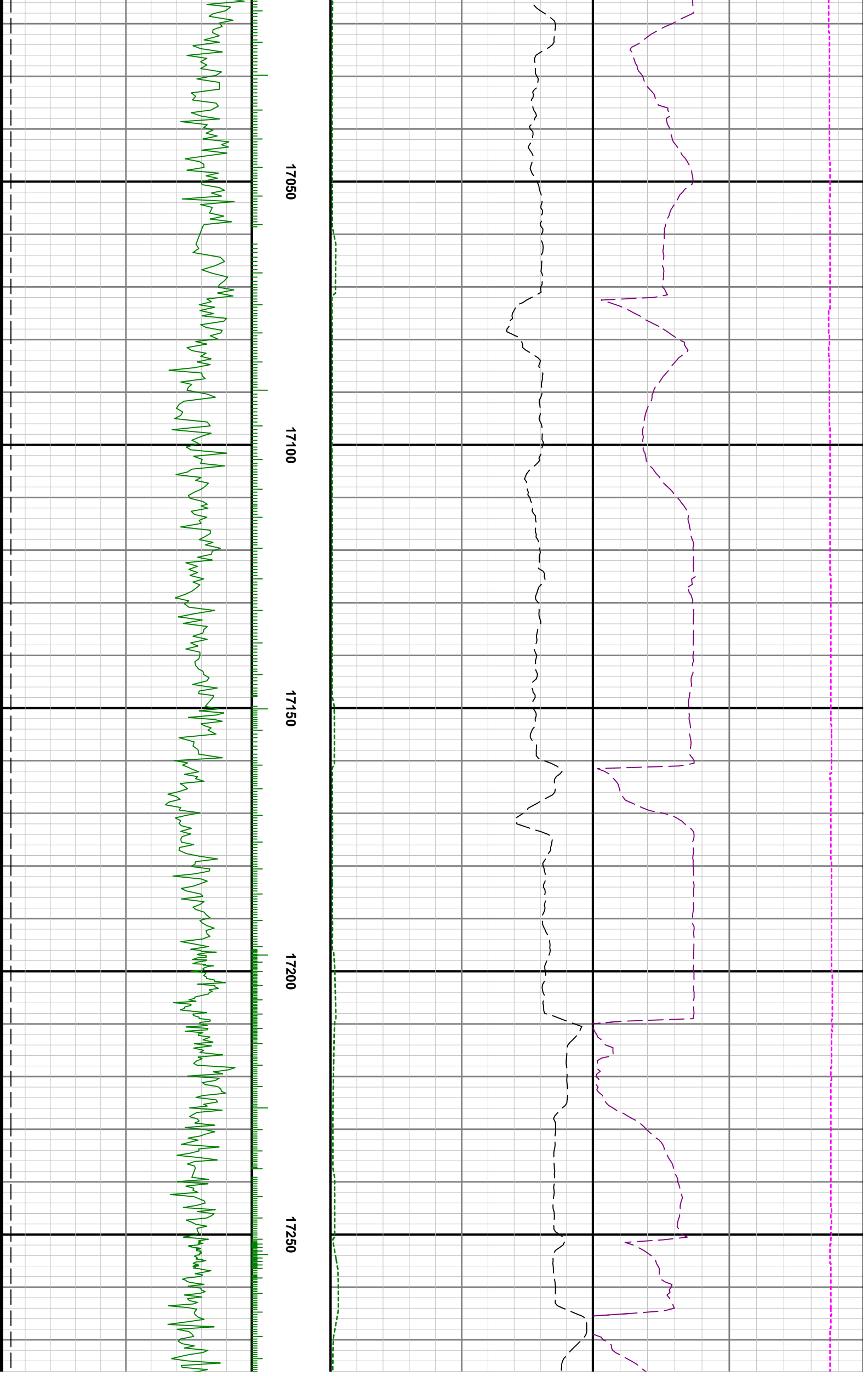


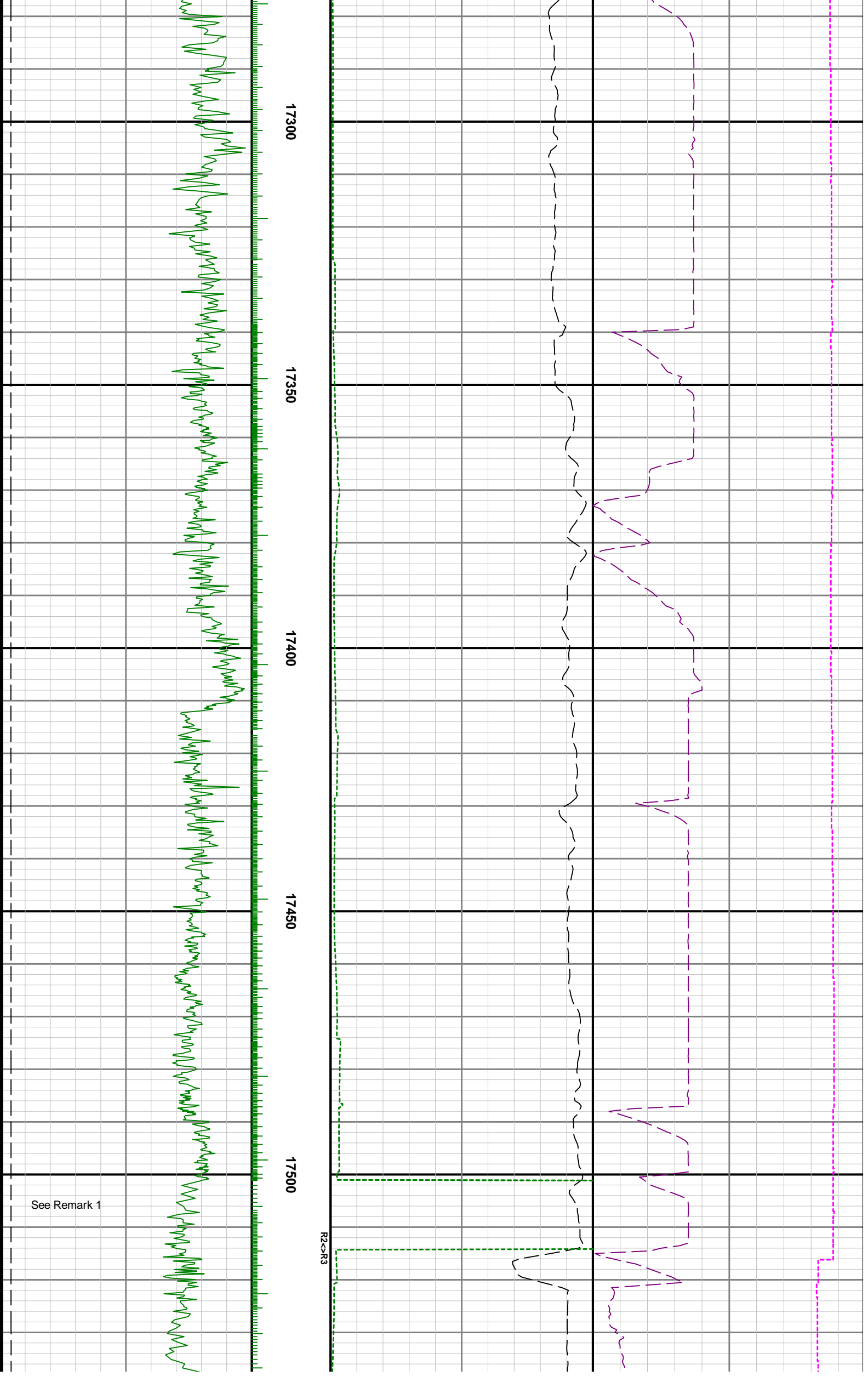












See Remark 1

