

Real Time Log									
<div><div>BAKER HUGHES</div></div>				Natural Formation Evaluation Gamma Ray					
Scale:				Company: Anadarko					
1:240				Well: SKIM 4N-21HZ					
Measured Depth				Field: WELD COUNTY (UTM/TRUE NORTH)					
Status:				Surface Location:			Other Services:		
FINAL PRINT				Latitude: 40° 12' 19.624" N			Directional VSS		
API Number: 051234098300				Longitude: 104° 40' 24.413" W					
				SEC: 21 TWP: 3N RNG: 6SE					
Permanent Datum (P.D.):				Ground Level		Elevation: 4862.00 ft.		Elevations: N/A	
Log Measured From:				Rig Floor		16.00 ft.		Above P.D.	
Depth Reference:				Driller's Depth				KB: 4878.00 ft. DF: 4862.00 ft. GL:	
Interval Logged				Dates		Magnetic Field Reference			
Top:		6600.0 ft.		Date From: 13/May/15		Dip Angle: 66.88 °		Azi Reference North: True	
Bottom:		12735.0 ft.		Date To: 16/May/15		Total		Mag to Reference	
				Spud Date: 13/May/15		Field Strength: 52514.0 nT		North Correction: 8.47 °	
Borehole Record									
Casing Record									
Hole Size		From		To		Size		Weight	
7.875 in.		1231.0 ft.		12782.0 ft.		9.625 in.		N/A	
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		Run No.	Depth (ft.)	Type	(ppg)	(cp)		Loss (cc)	Water		Chlorides (ppm)	(%)
14/May/15	18:00	1	7939.0	Oil Based Mud	9.5	53	N/A	N/A	65.3/24	Active Pits	52,000	N/A

Mnemonics

Curve	Description	Units
GRAX	Gamma Ray Apparent, 0.5 ft. Avg	API
GRIX	Gamma Ray Data Density	points
GRSI	Gamma Ray Sliding Indicator	unitless
GRTX	Gamma Ray Time Since Drilled	min
ROPA	Rate of Penetration, 3.0 ft. Avg	ft/hr
TCDX	Downhole Temperature	degF
TVD	True Vertical Depth	ft.
WOBA	Surface Weight on Bit, 1.0 ft. Avg.	klbs

Equipment and Service Data

LWD Run No.	Tool	Serial Number	Measurement	Bit Offset (ft)	Max O.D. (in.)	Min I.D. (in.)
1	DIR	11954358	Directional	50.25	6.500	3.250
1	SRIG	12816077	Gamma	46.88	6.500	3.250

Service and Tool Mnemonics

Mnemonic	Name	Description
DIR	Directional	Wellbore directional survey
SRIG	Inclination and Gamma	Probe based gamma ray and inclination module

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 and the unverified depths as supplied to Baker Hughes are being used to represent logging data.
- 2.) Baker Hughes Run 1 utilized a 6 1/2 inch NaviGamma (Directional and Gamma Ray) tool behind an 7 7/8 inch bit and steerable assembly from 1231 to 12782 feet MD (1216.29 to 7042.29 feet TVD).
- 3.) A sliding indicator is shown on the left side of track 1 as a heavy line. This indicator has been depth-shifted to the Gamma Ray sensor offset to correspond with Gamma Ray data acquired while sliding.

Remarks

Number	Measured Depth (ft)	Hole Section (in.)	LWD Run No.	Remark
1	6600	7.875	1	Logging services began at 6600. No logging data prior to 6600 feet MD (6406.57 feet TVD) as per client's request.
2	12735	7.875	1	The interval from 12735 to 12782 feet MD (7042.67 to 7042.29 feet TVD) was not logged due to gamma sensor offset to bit at TD.

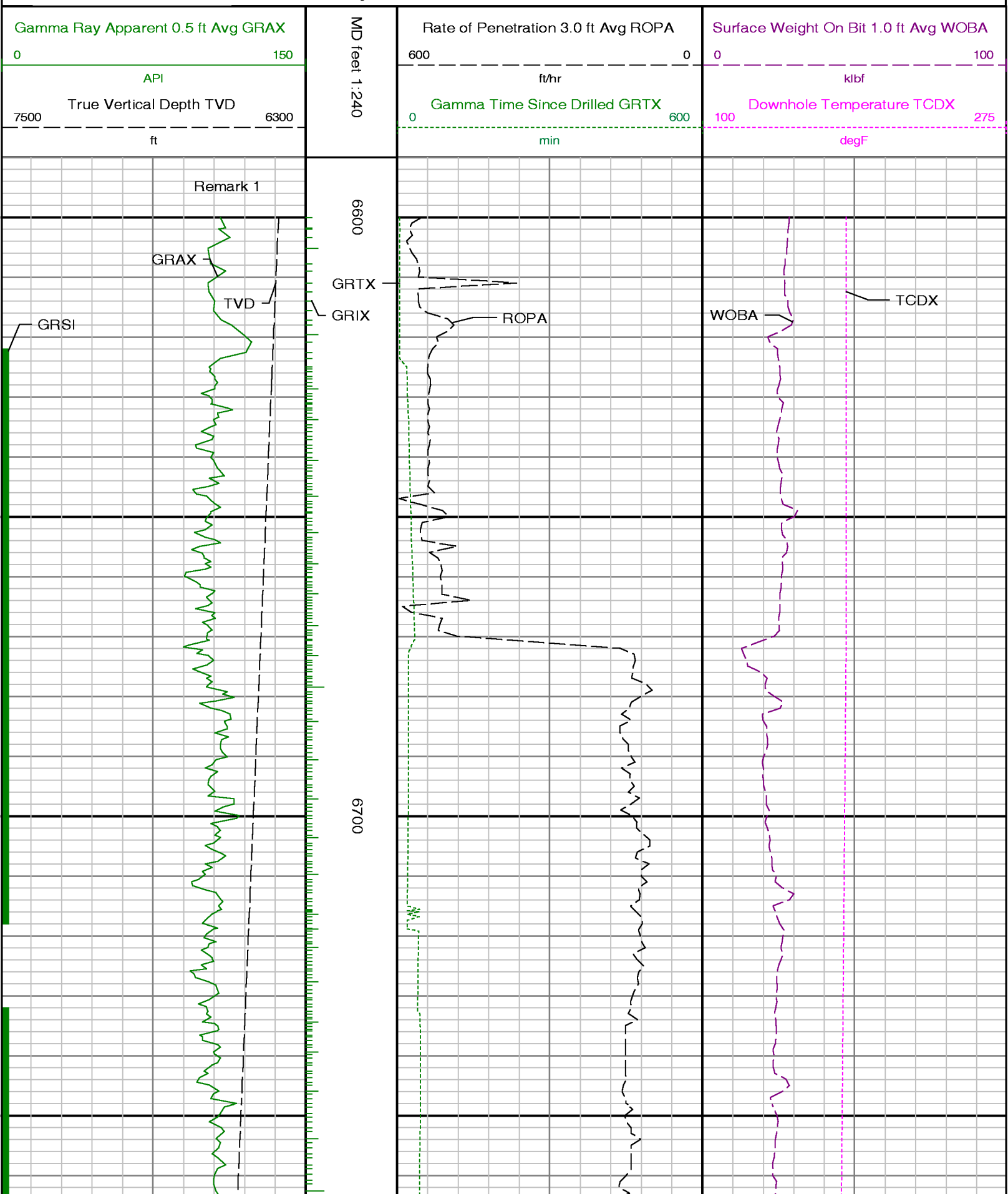


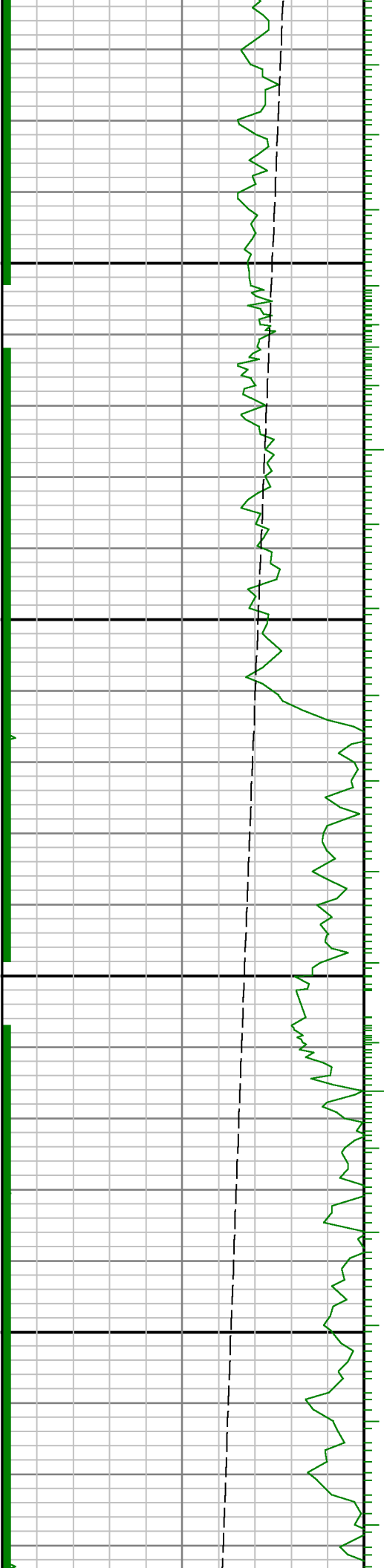
Company : Anadarko

Well : SKIM 4N-21HZ

Interval : 6590.00 - 12790.00 feet

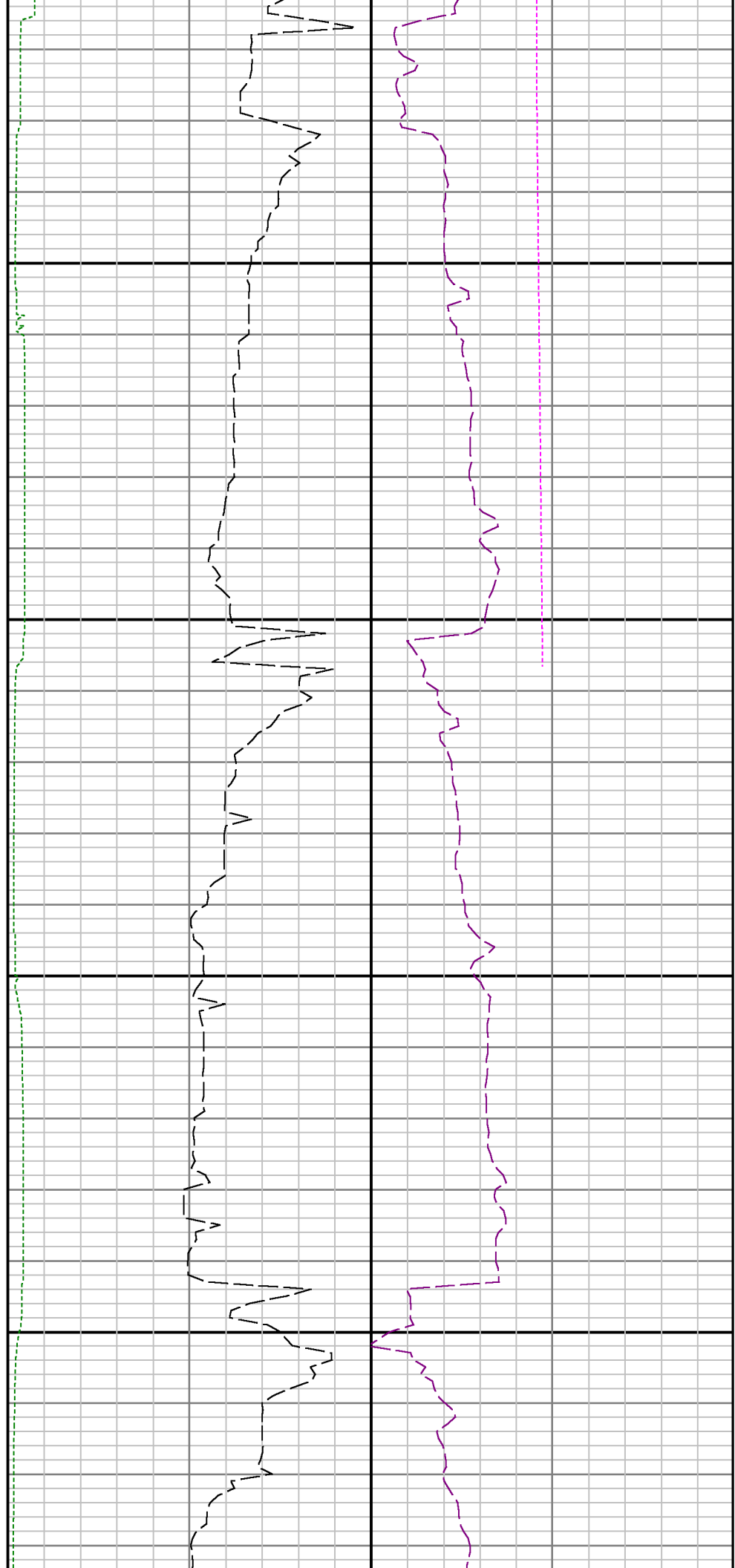
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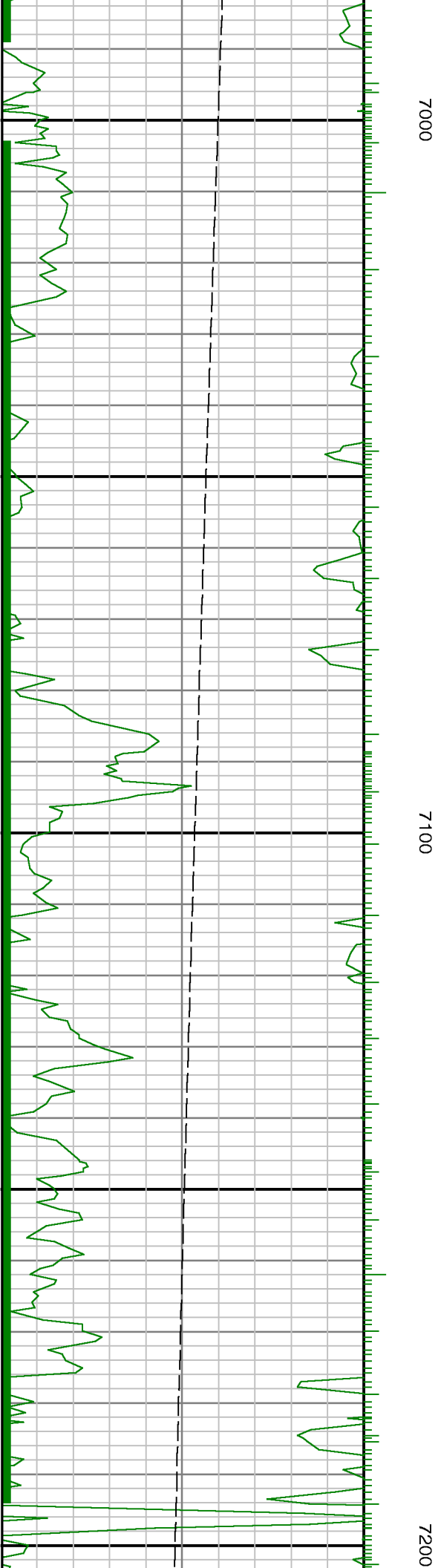
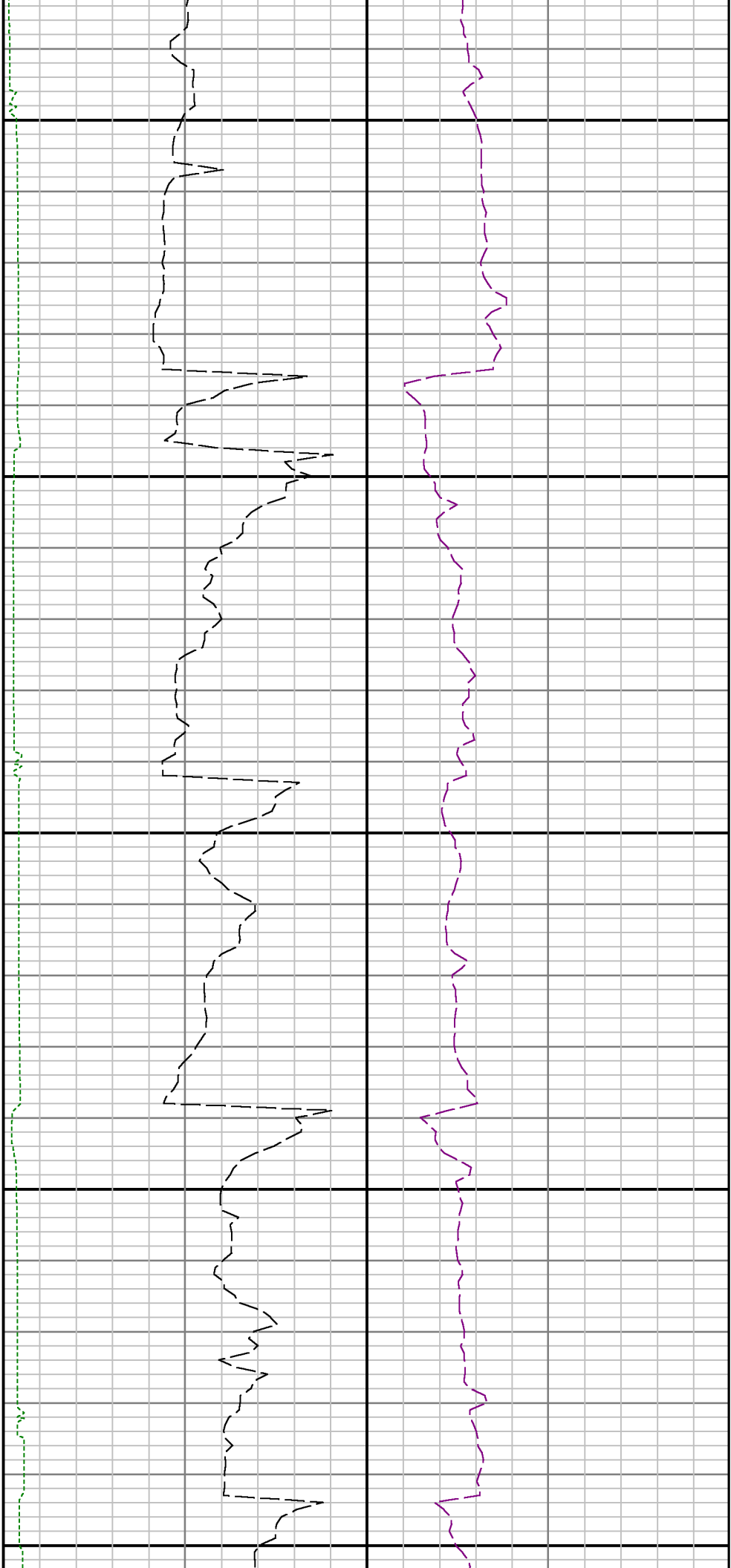


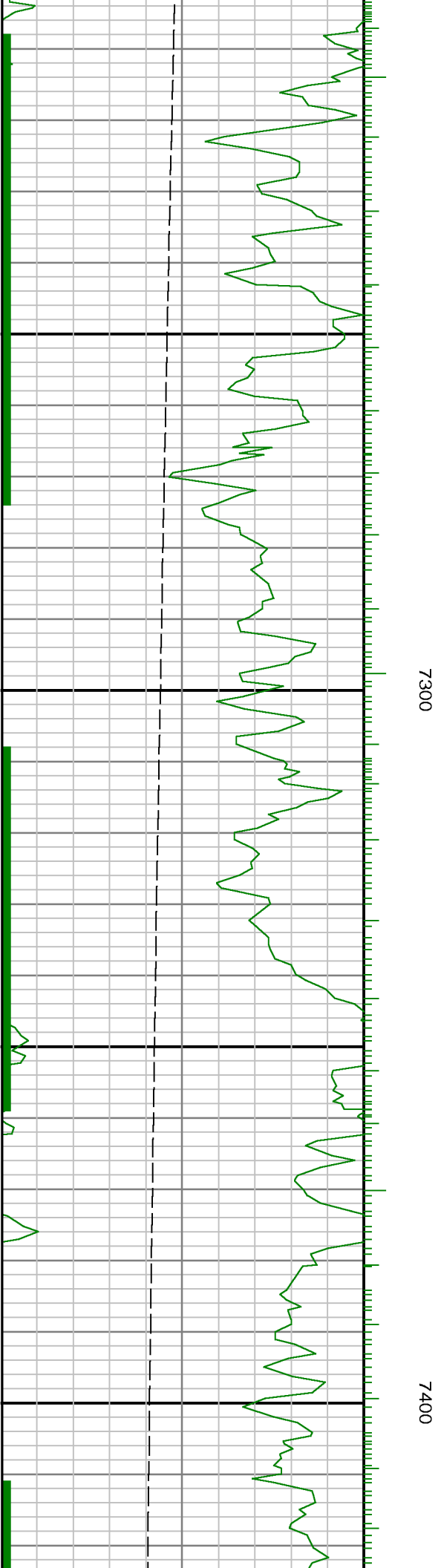
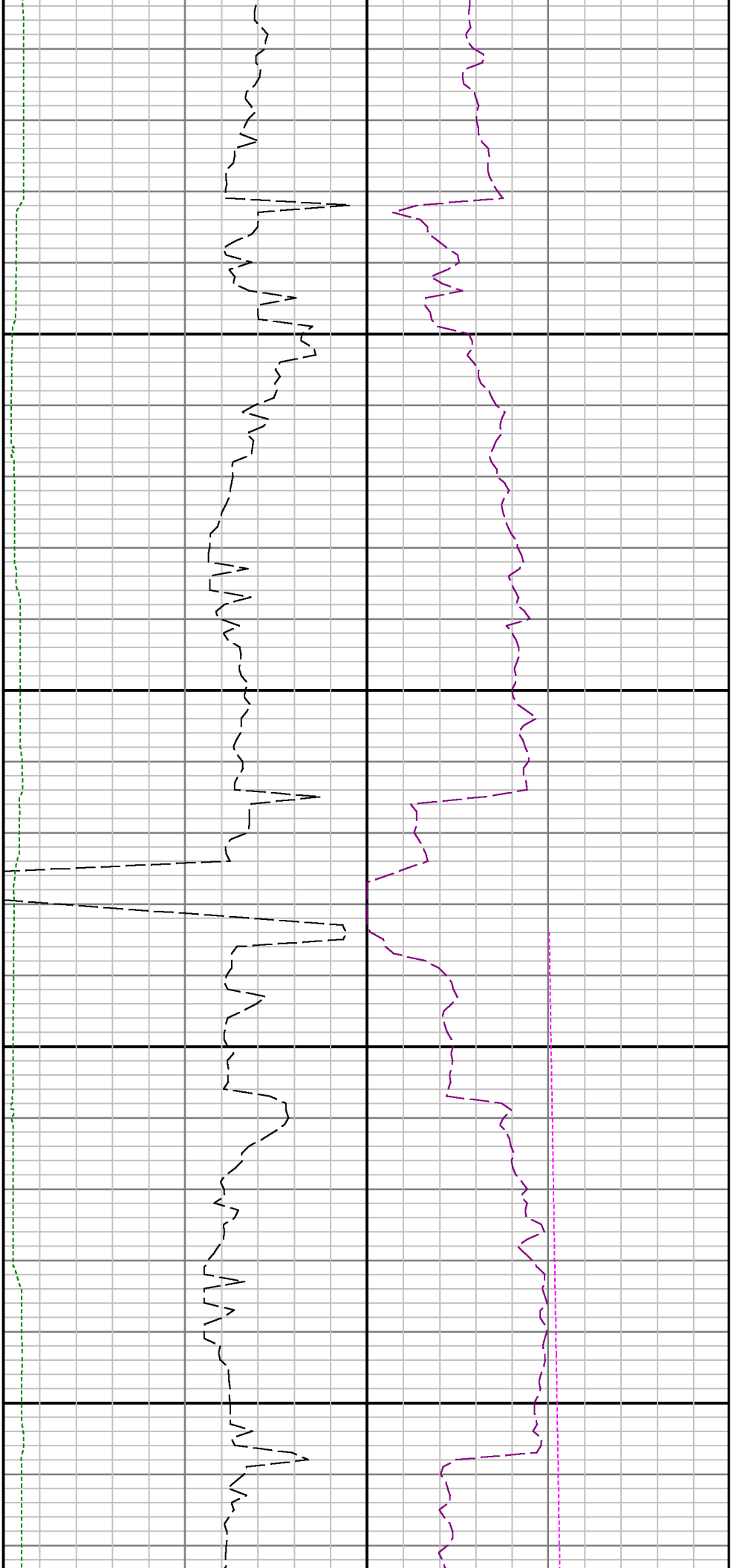


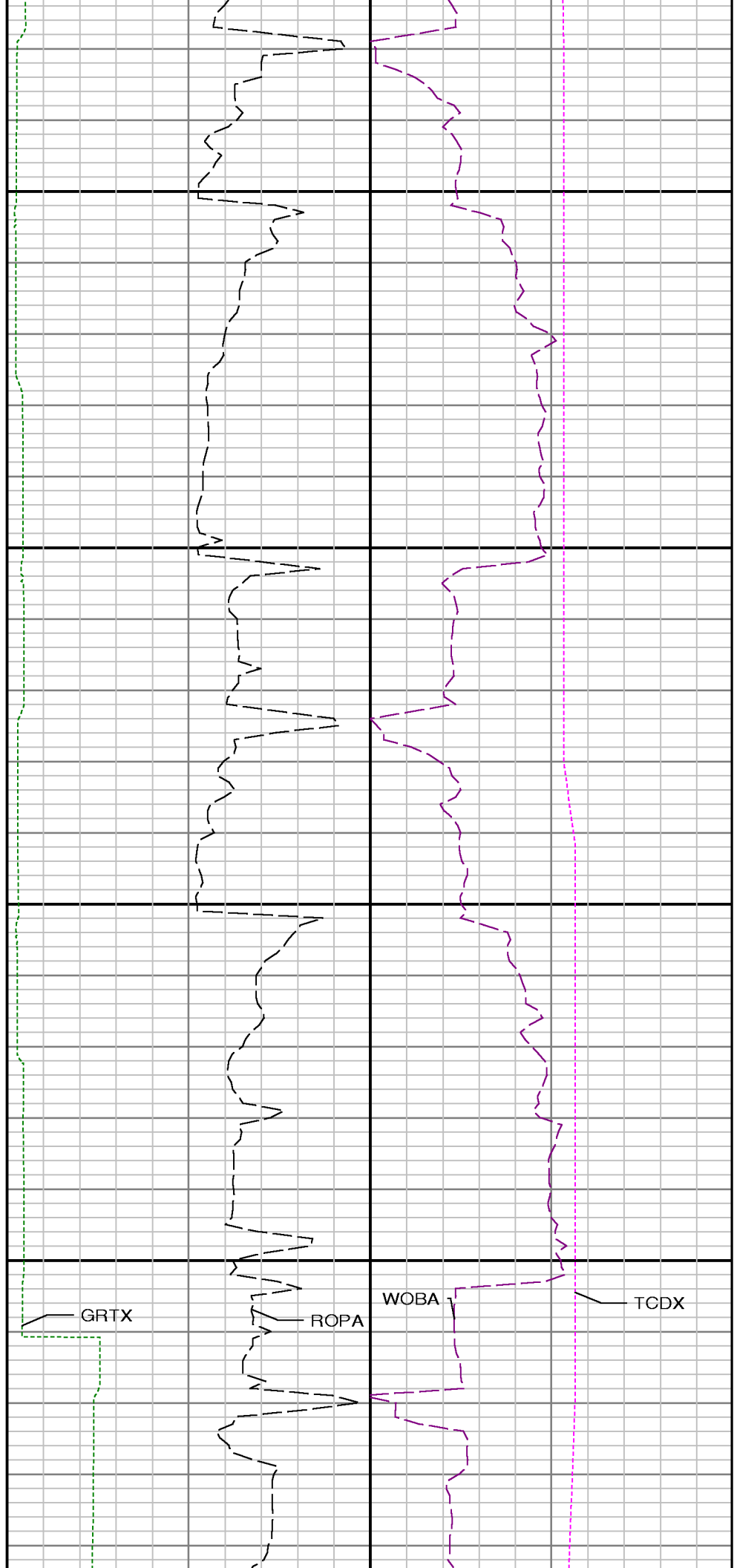
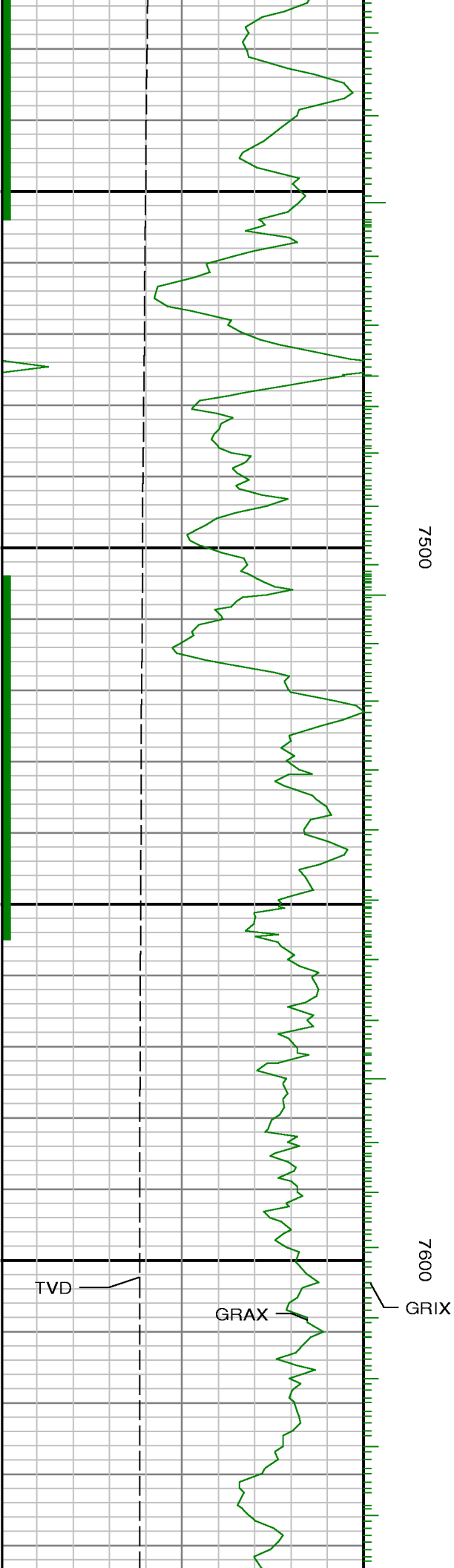
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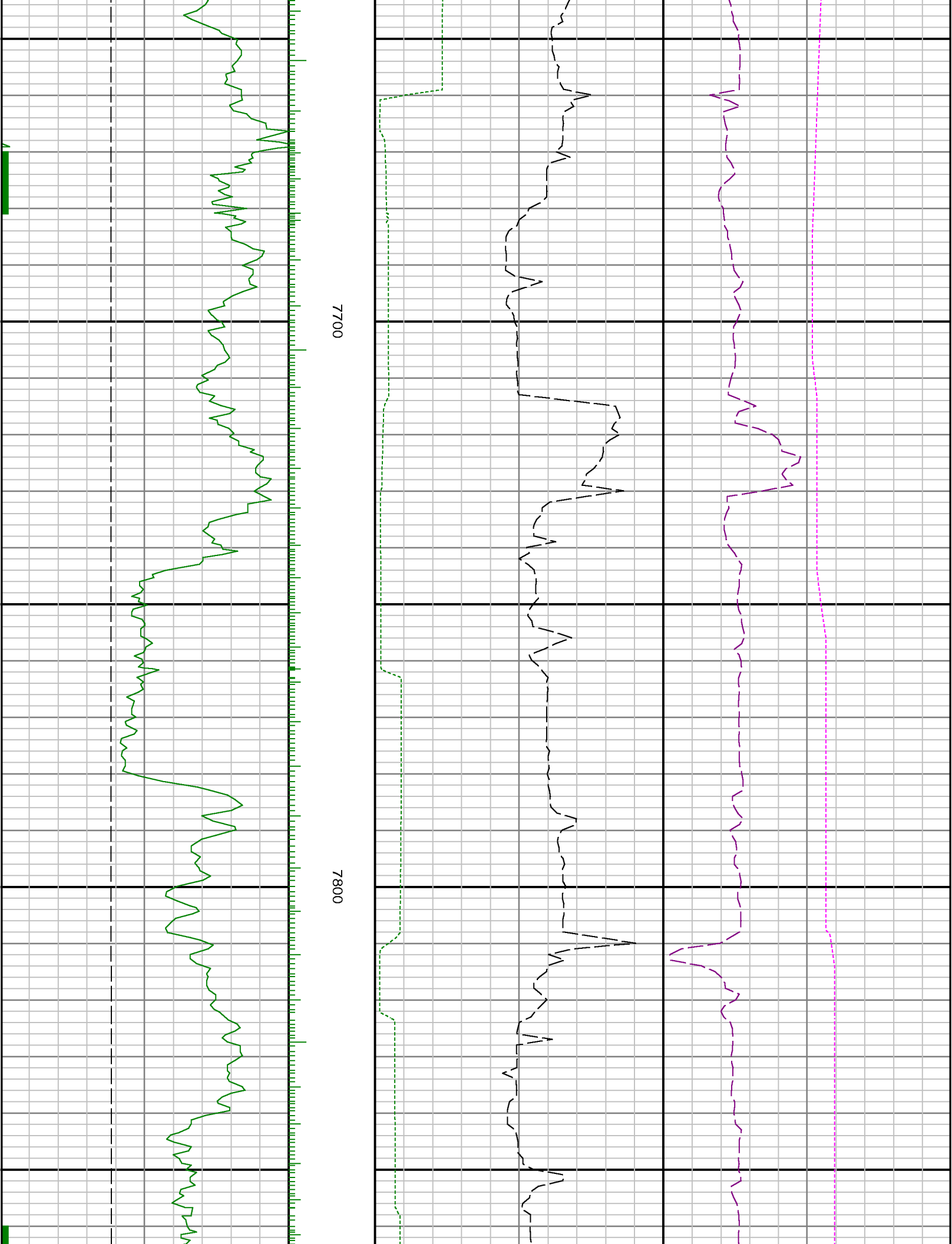
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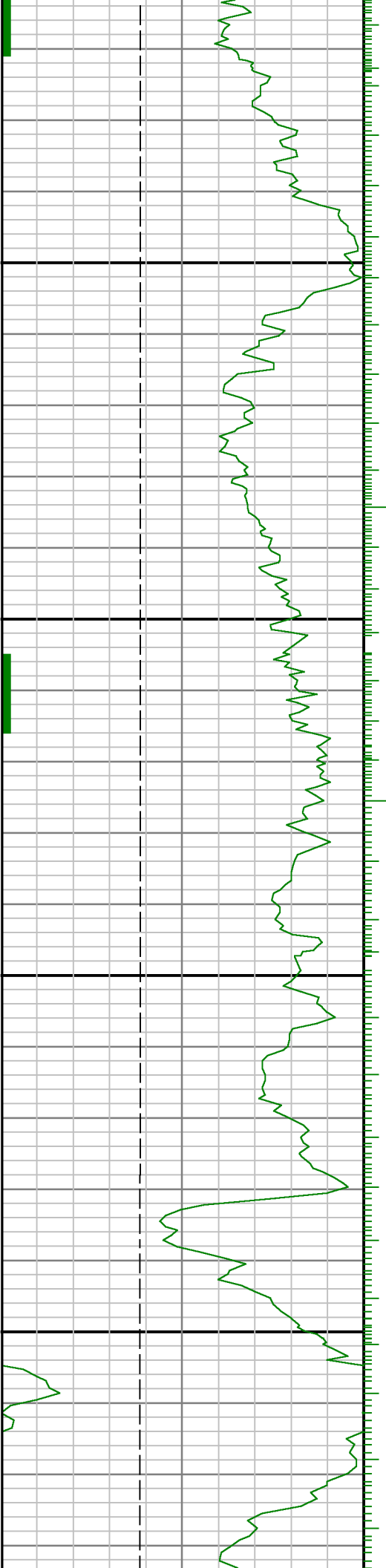






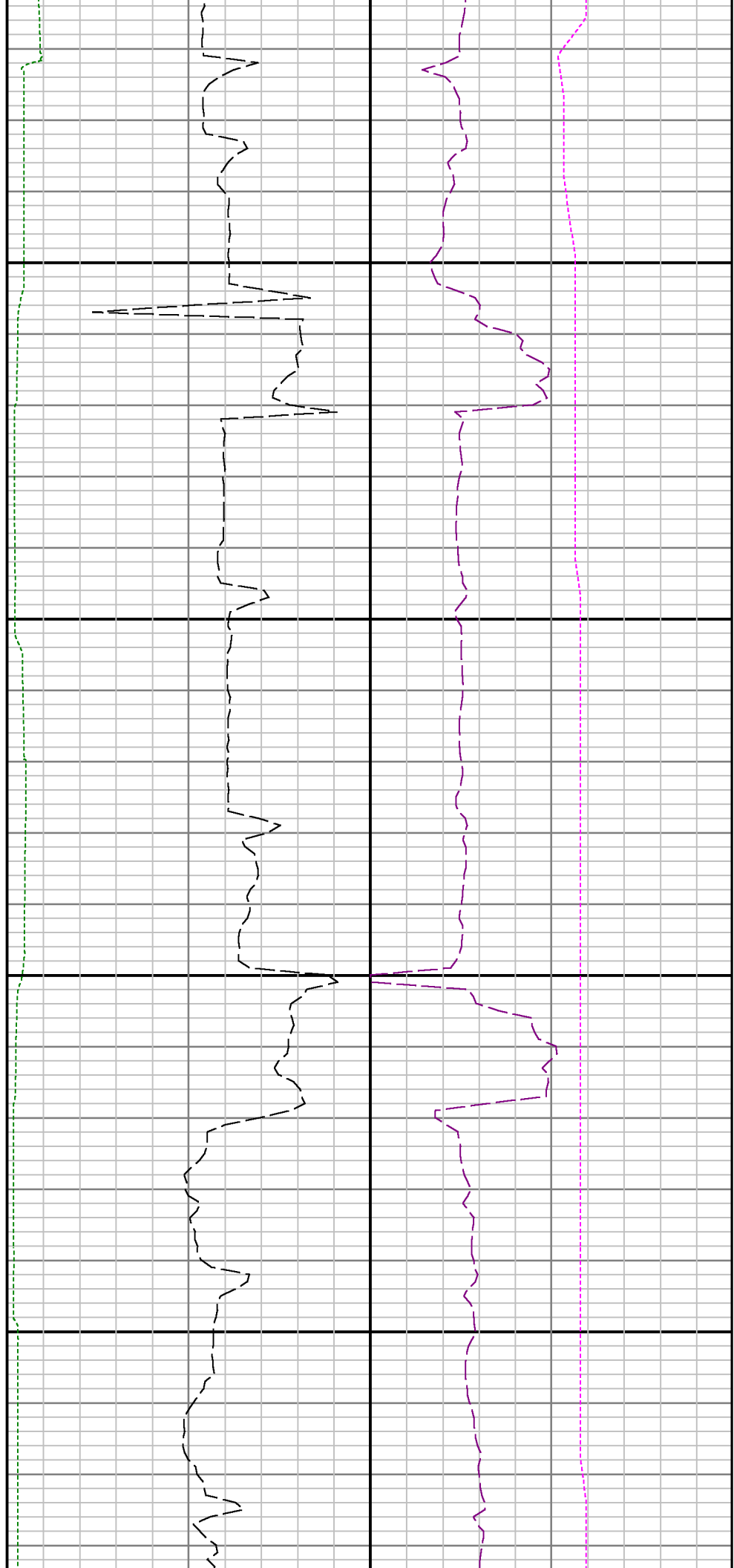


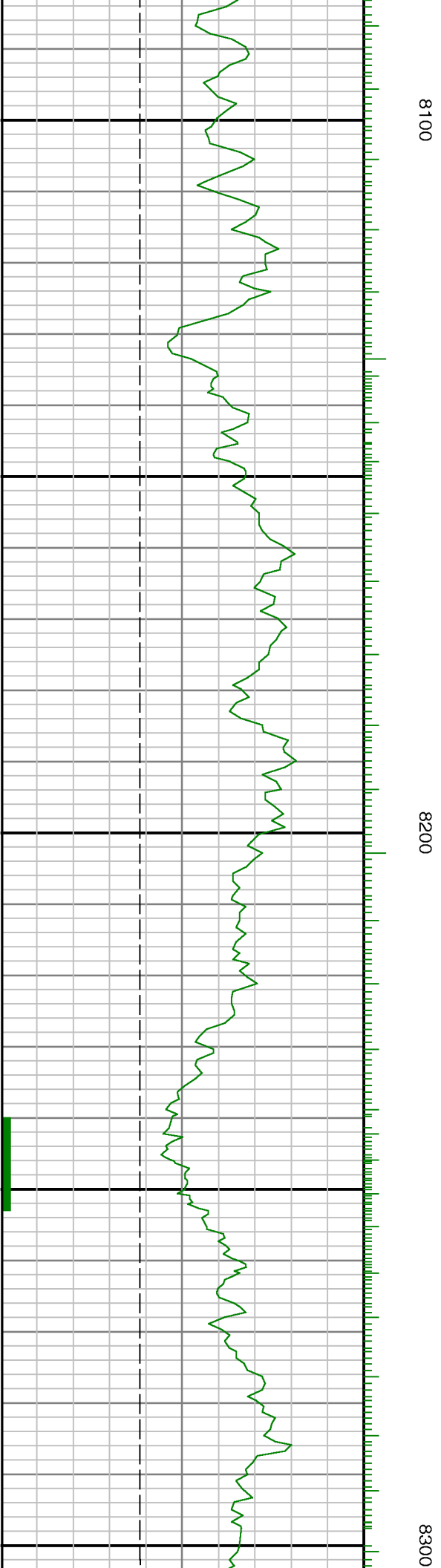


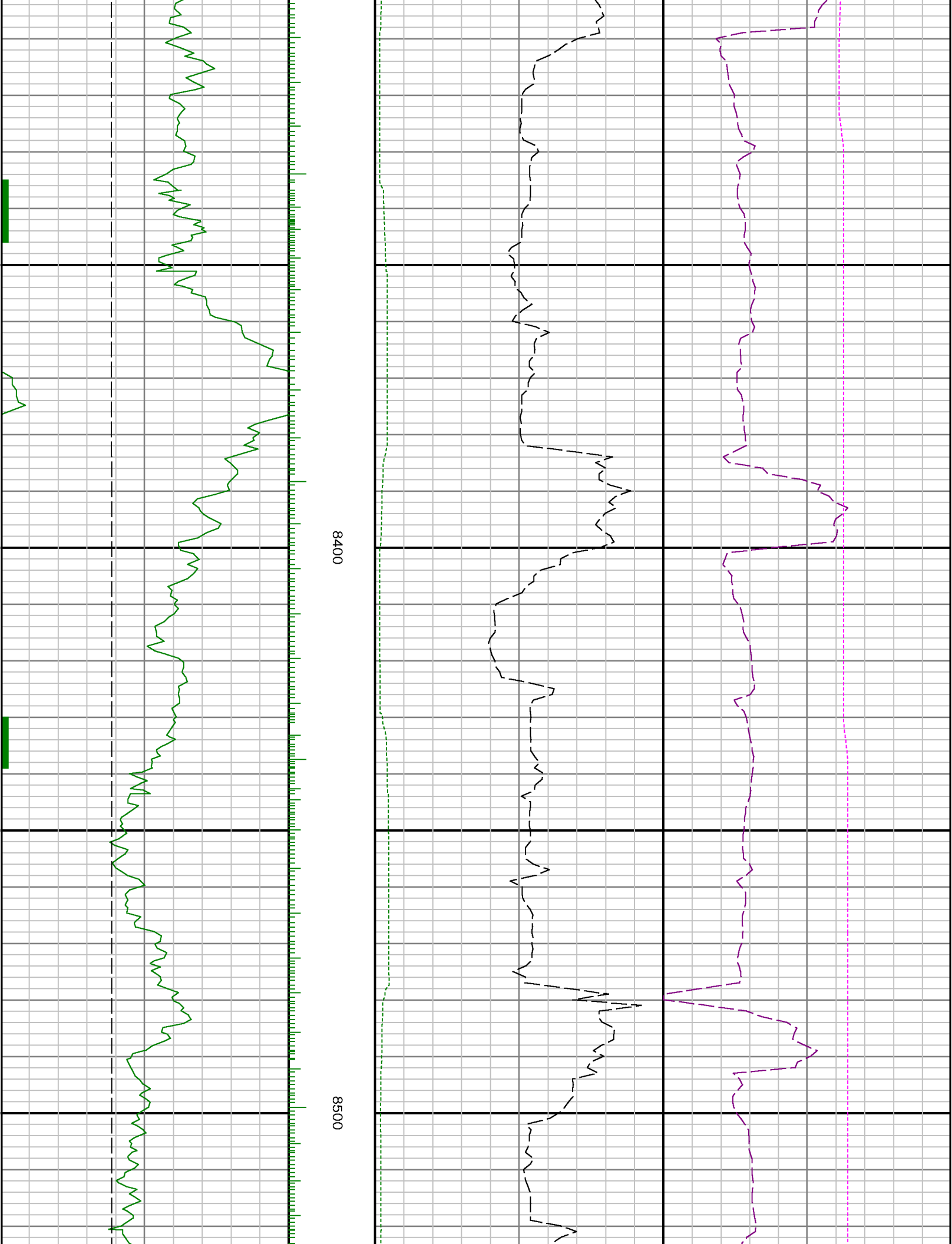


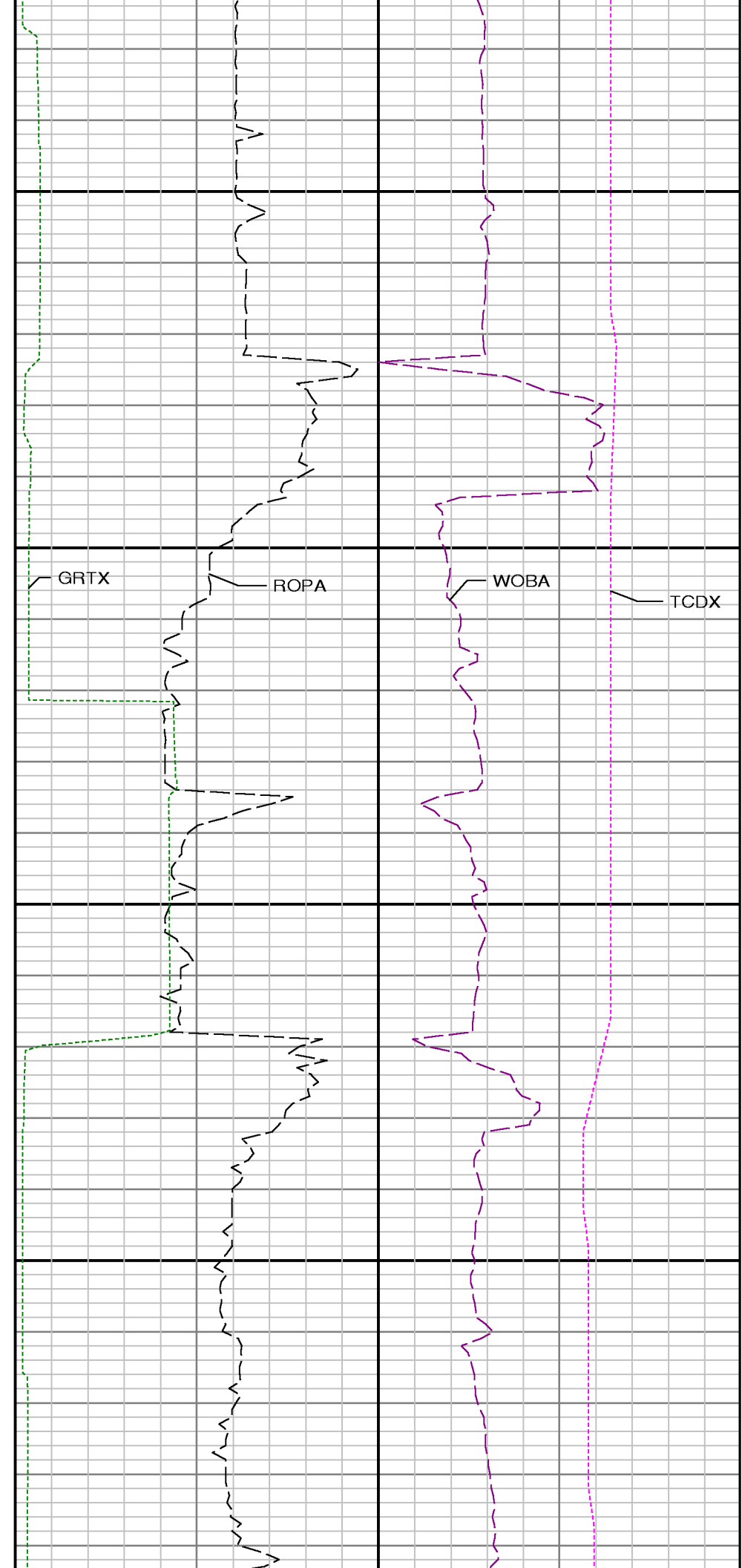
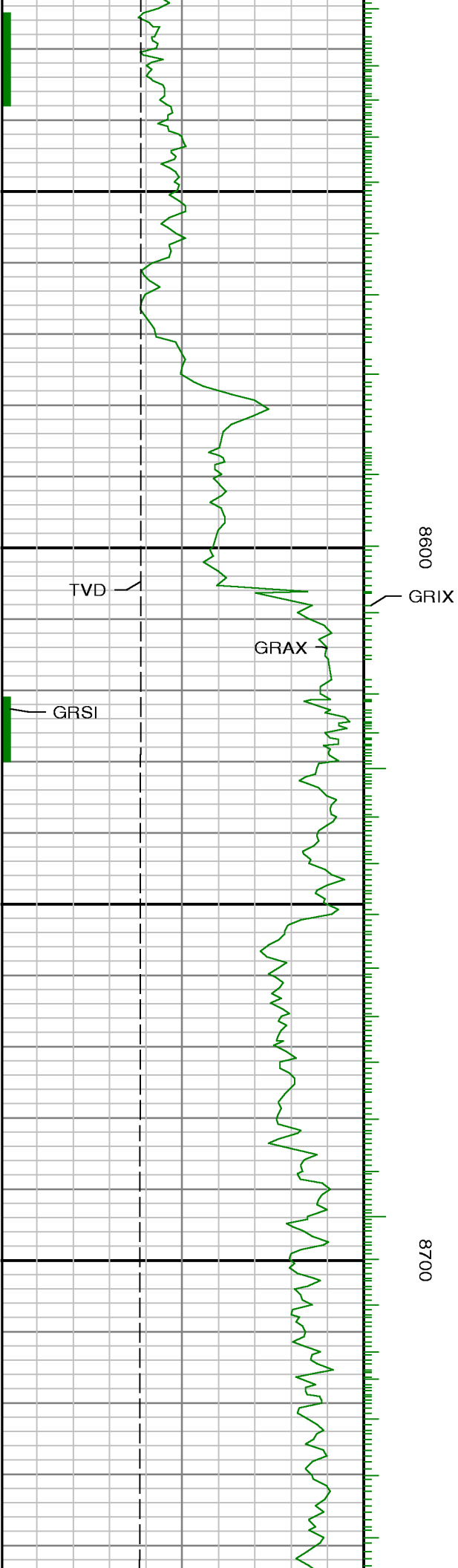
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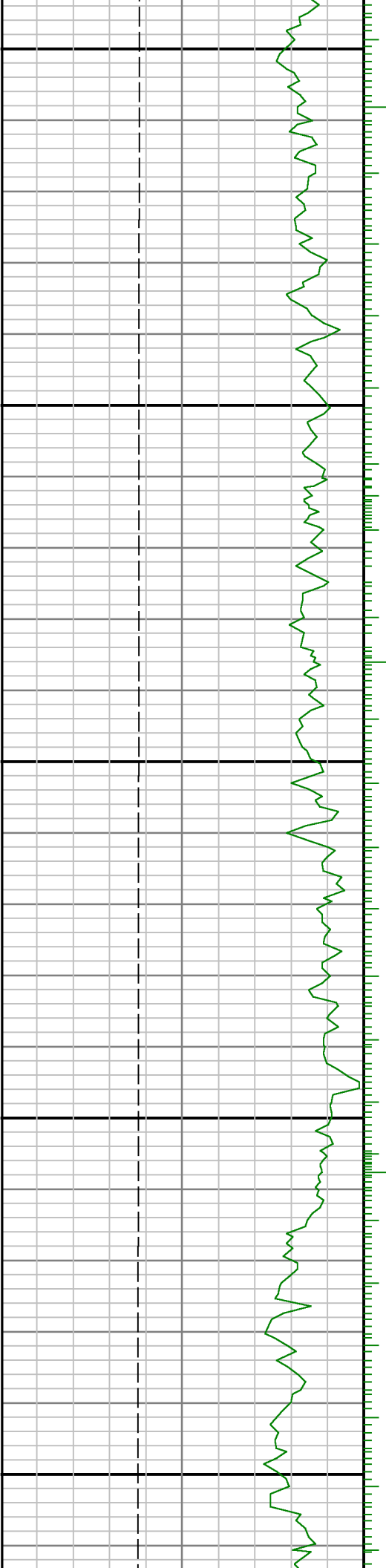
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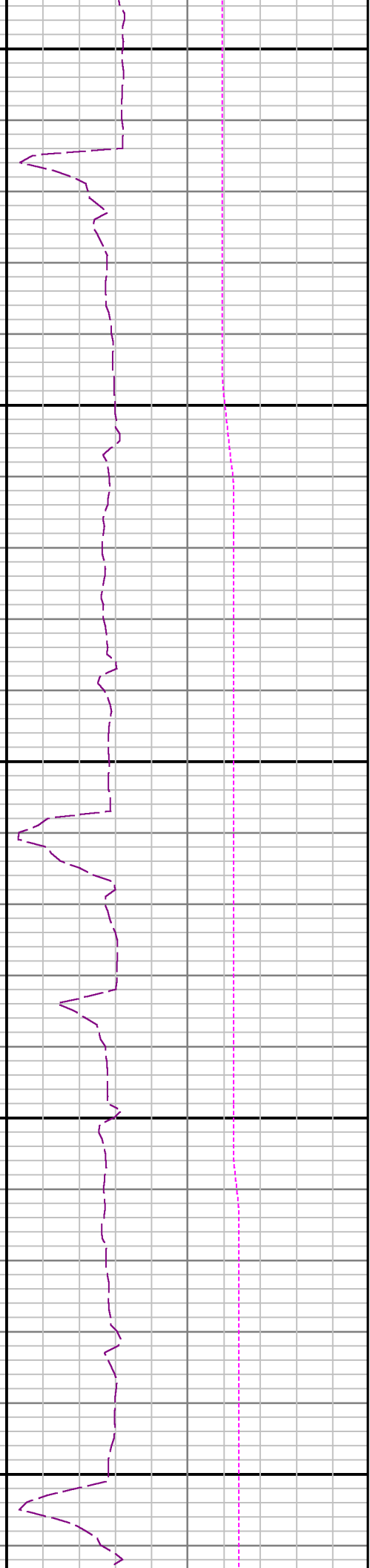






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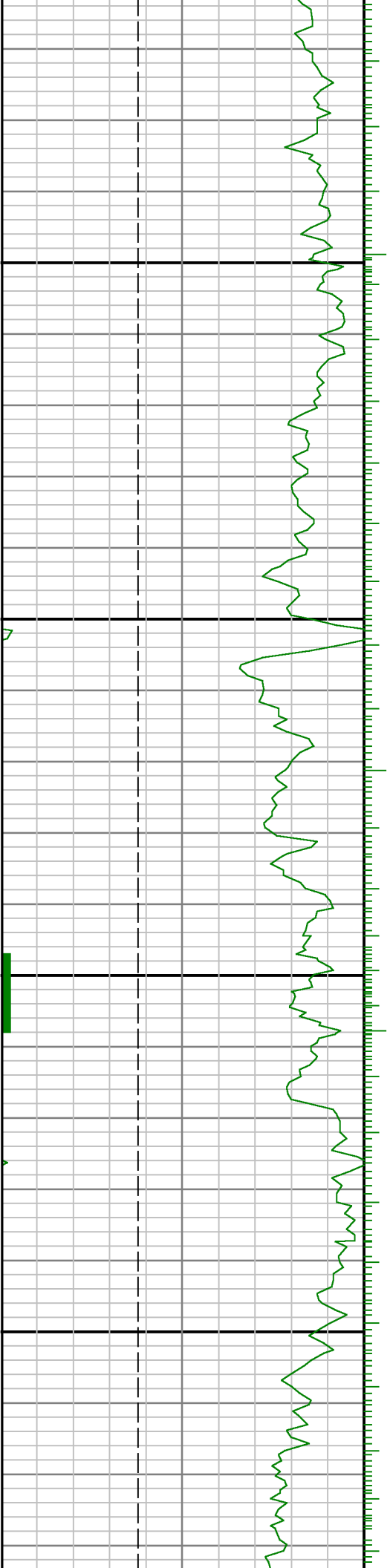
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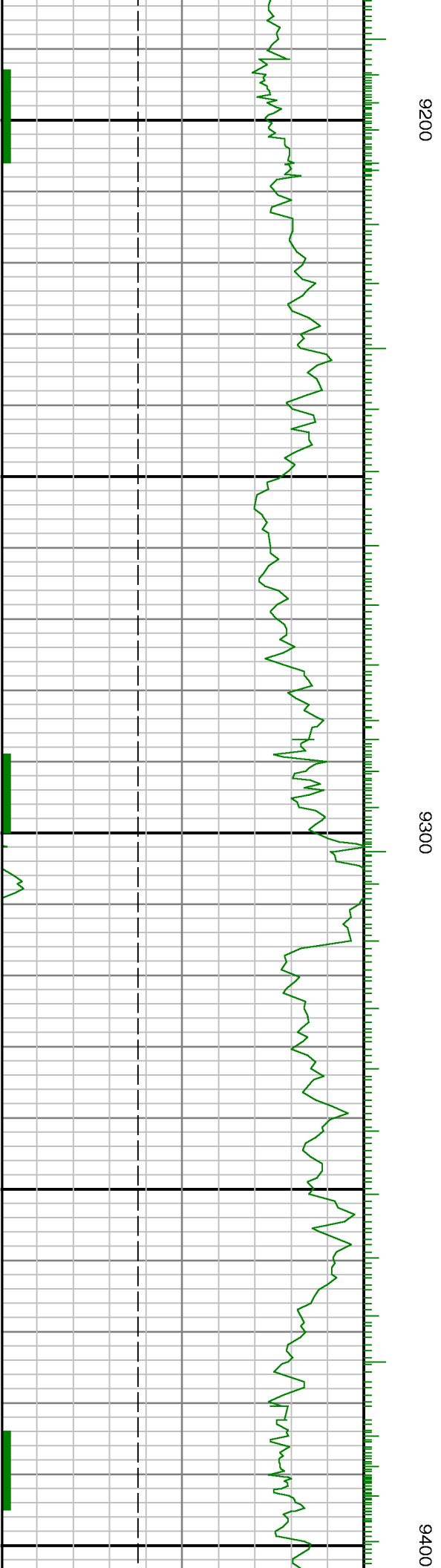
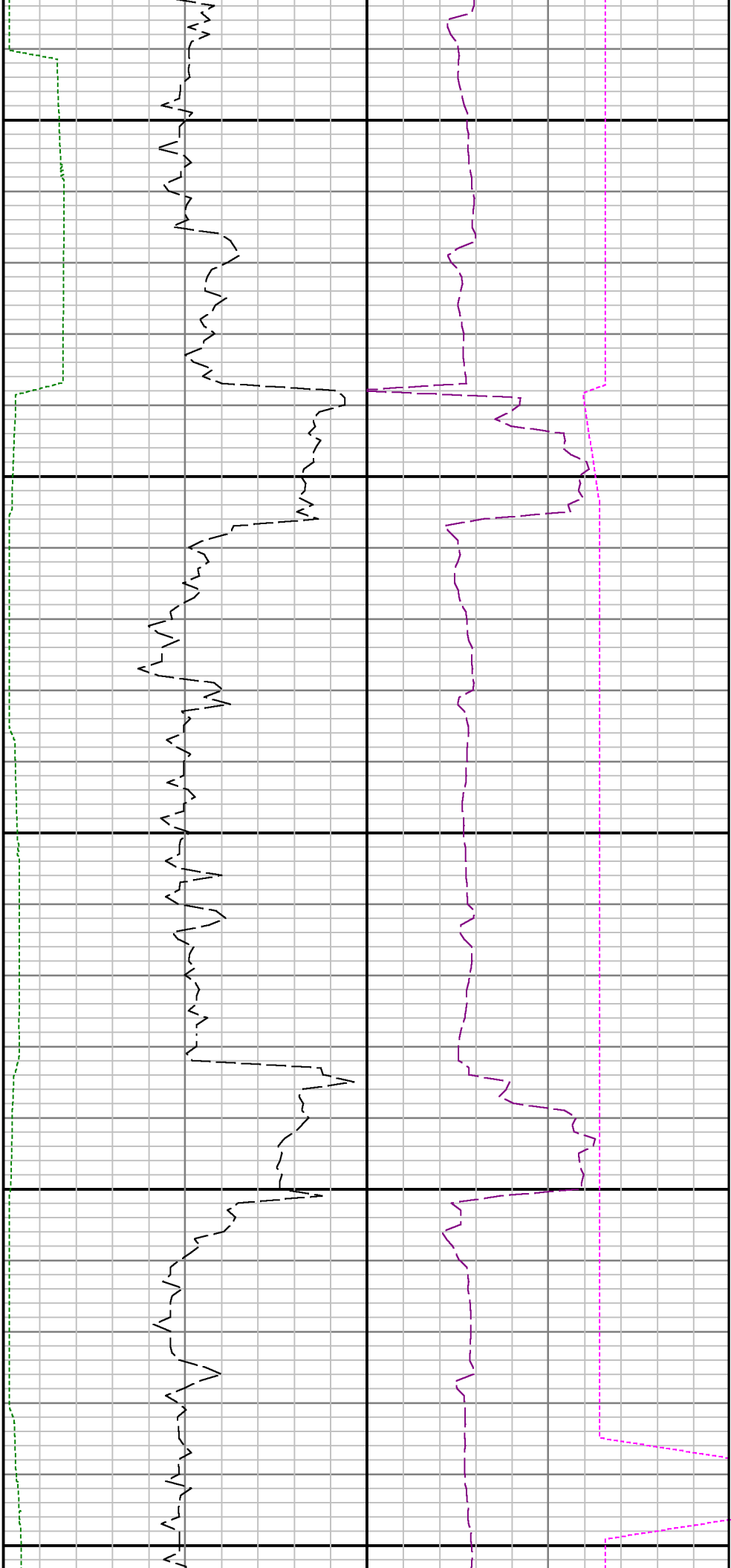


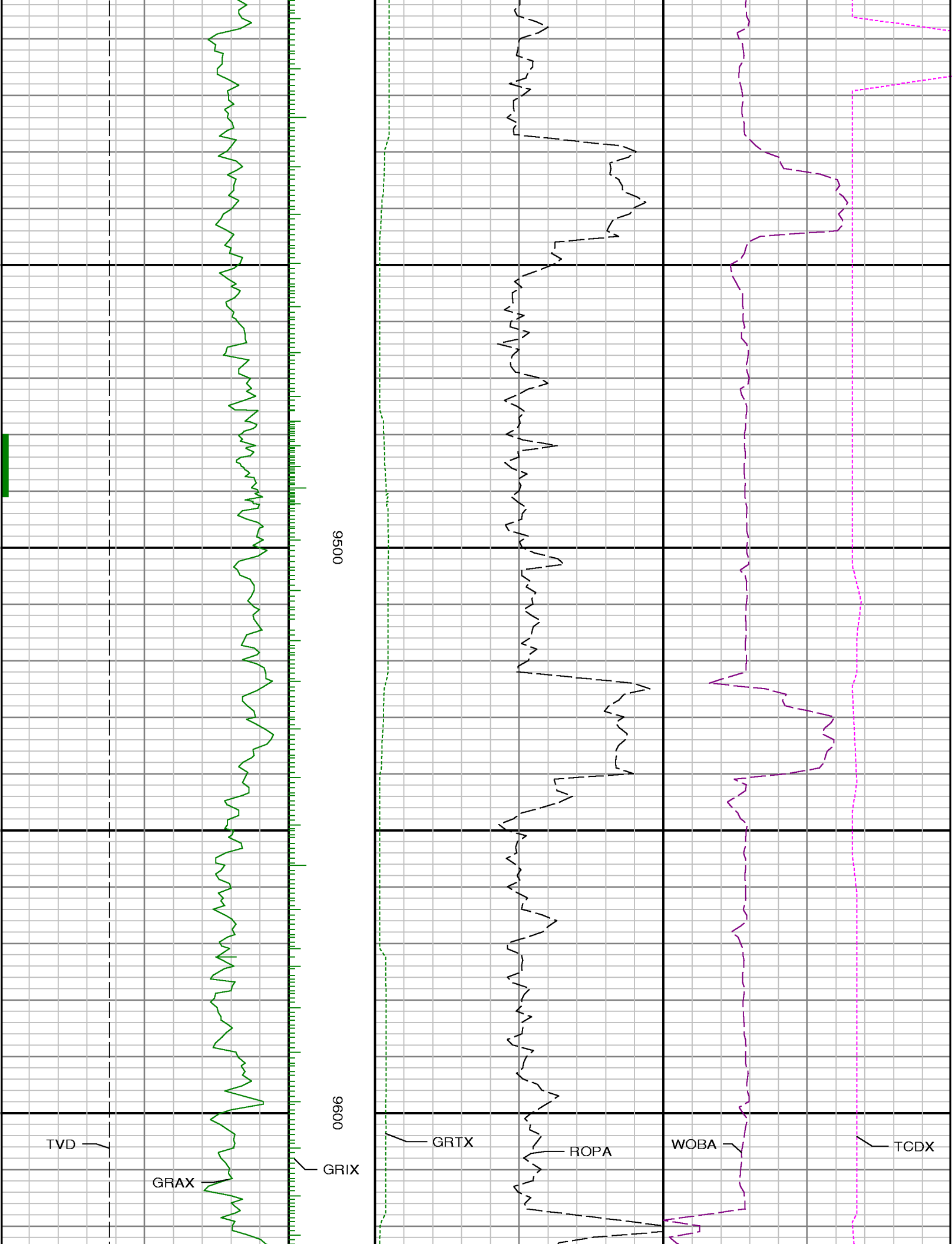


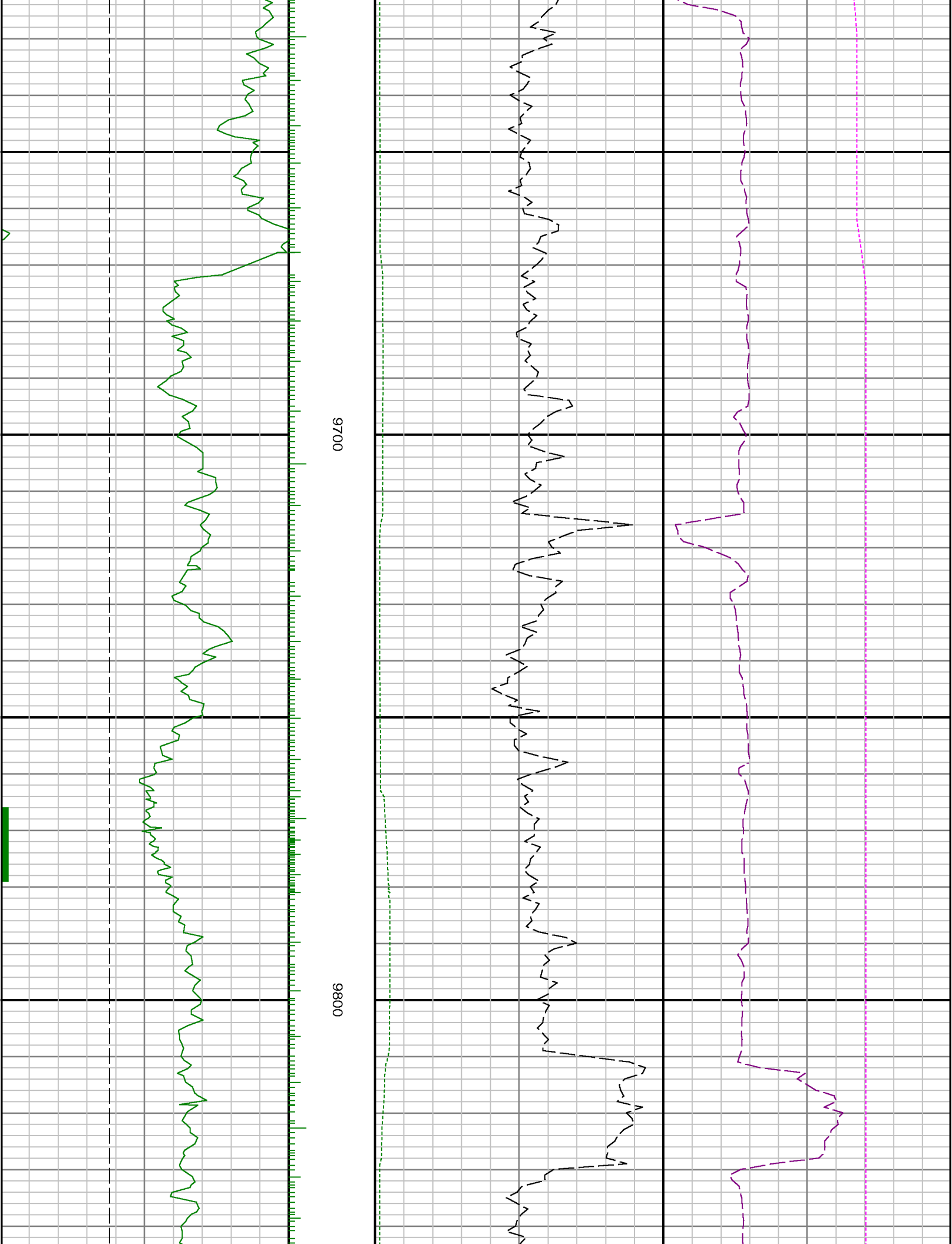
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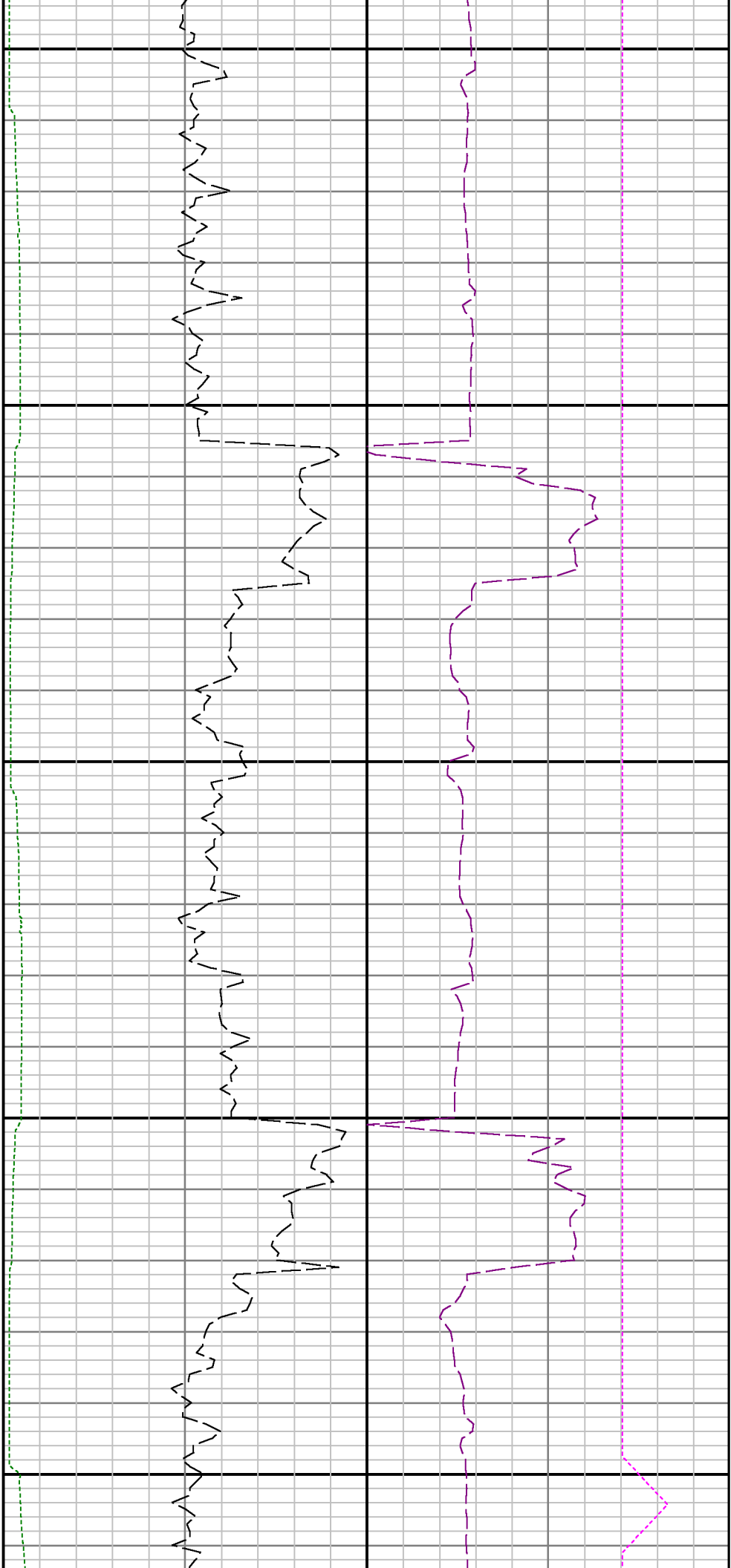
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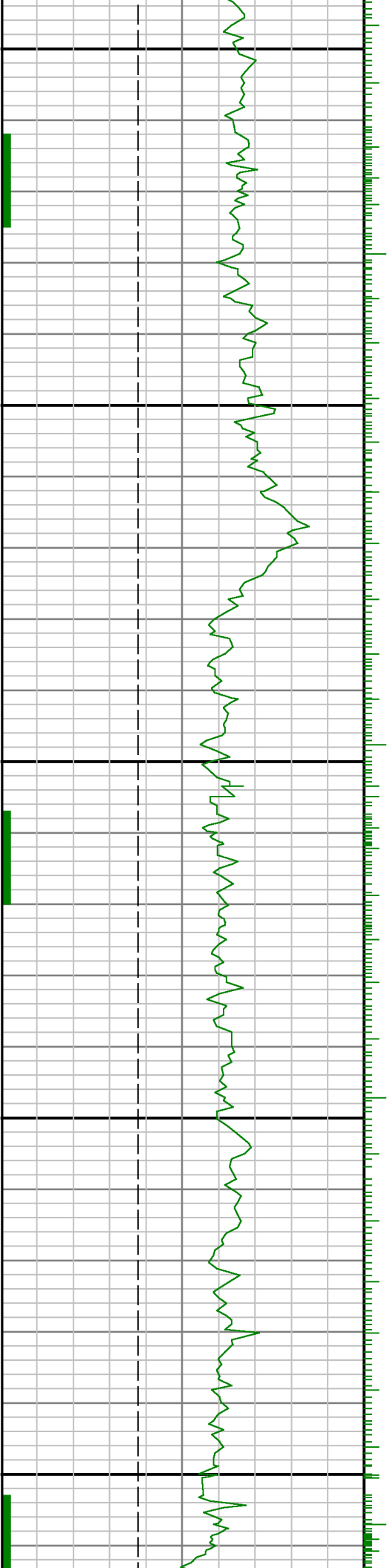


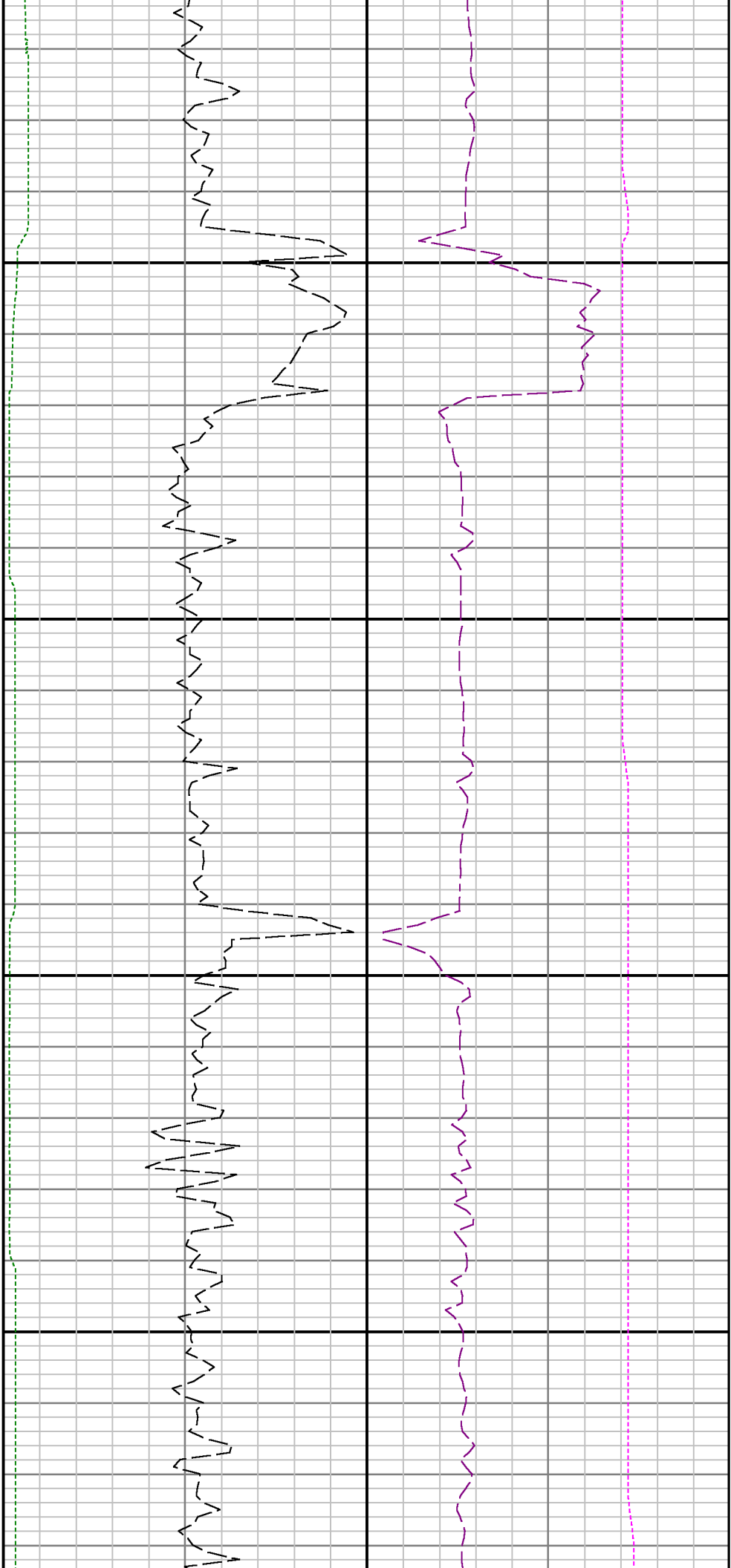




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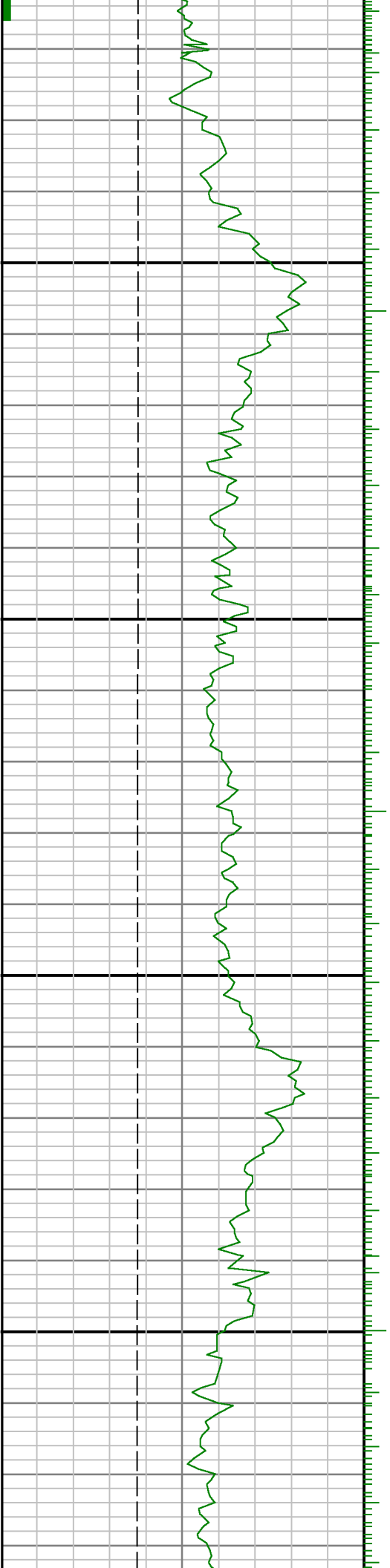
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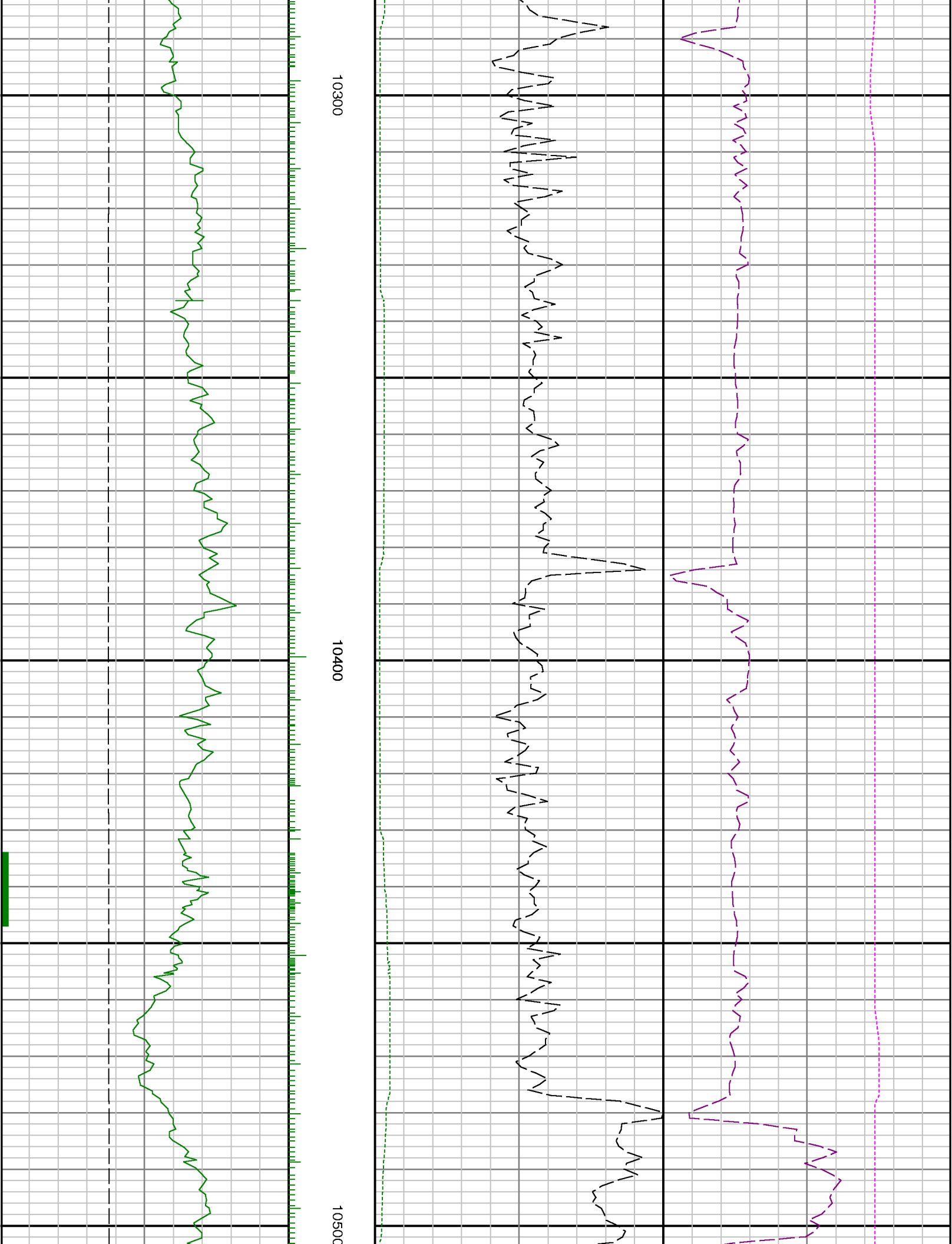


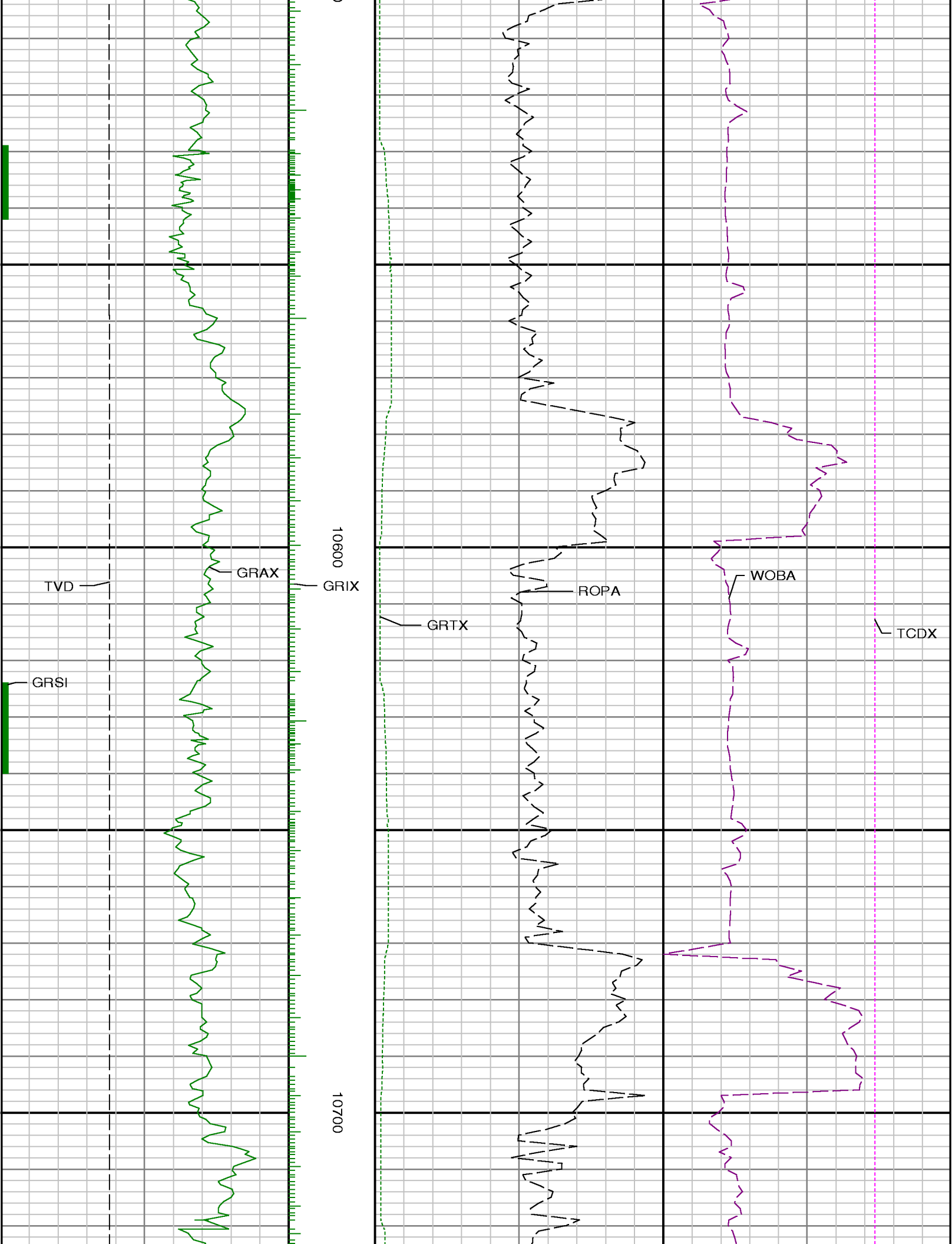


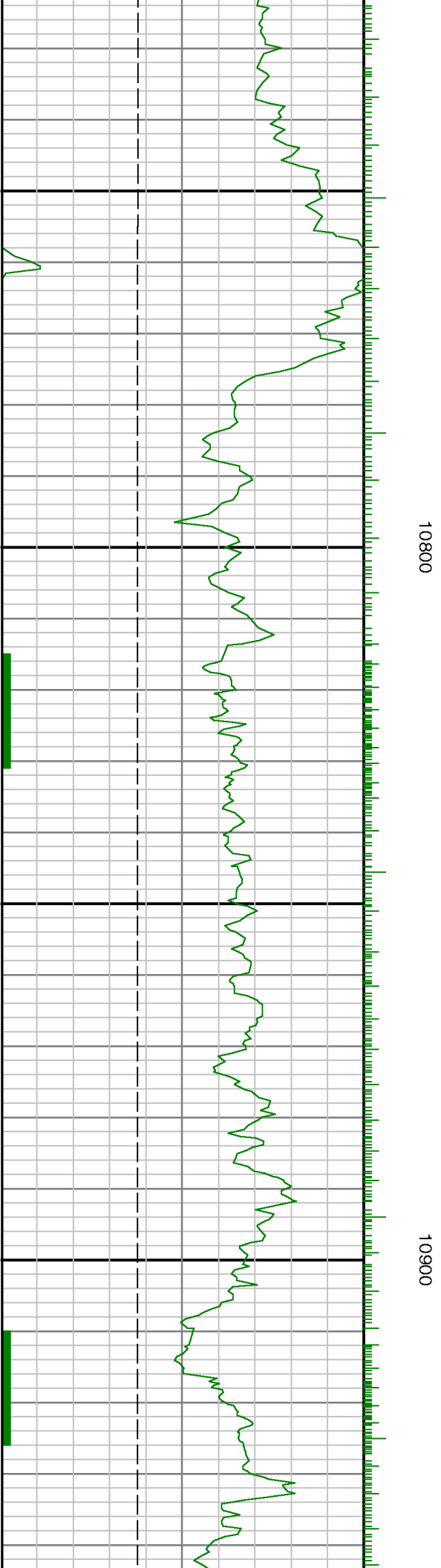
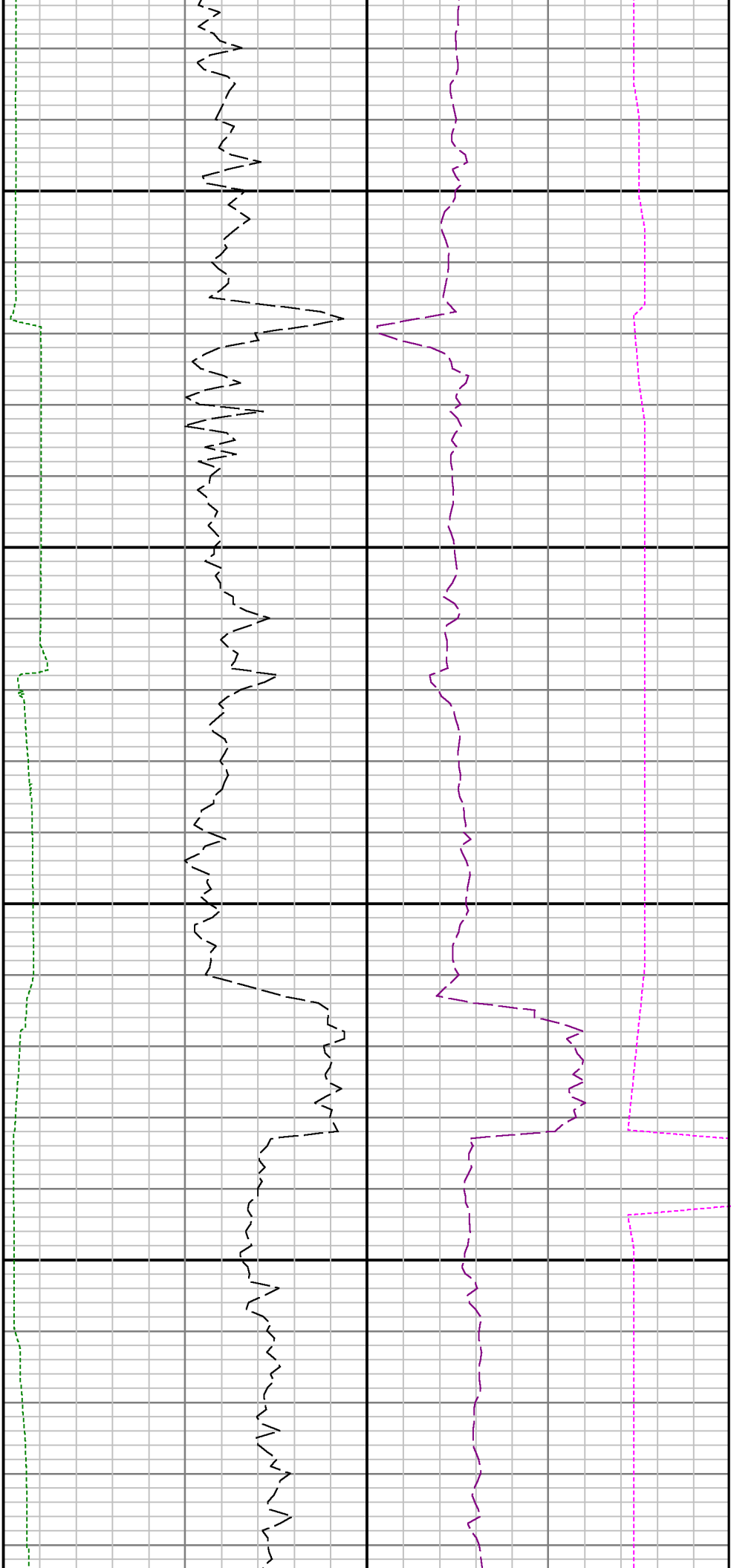
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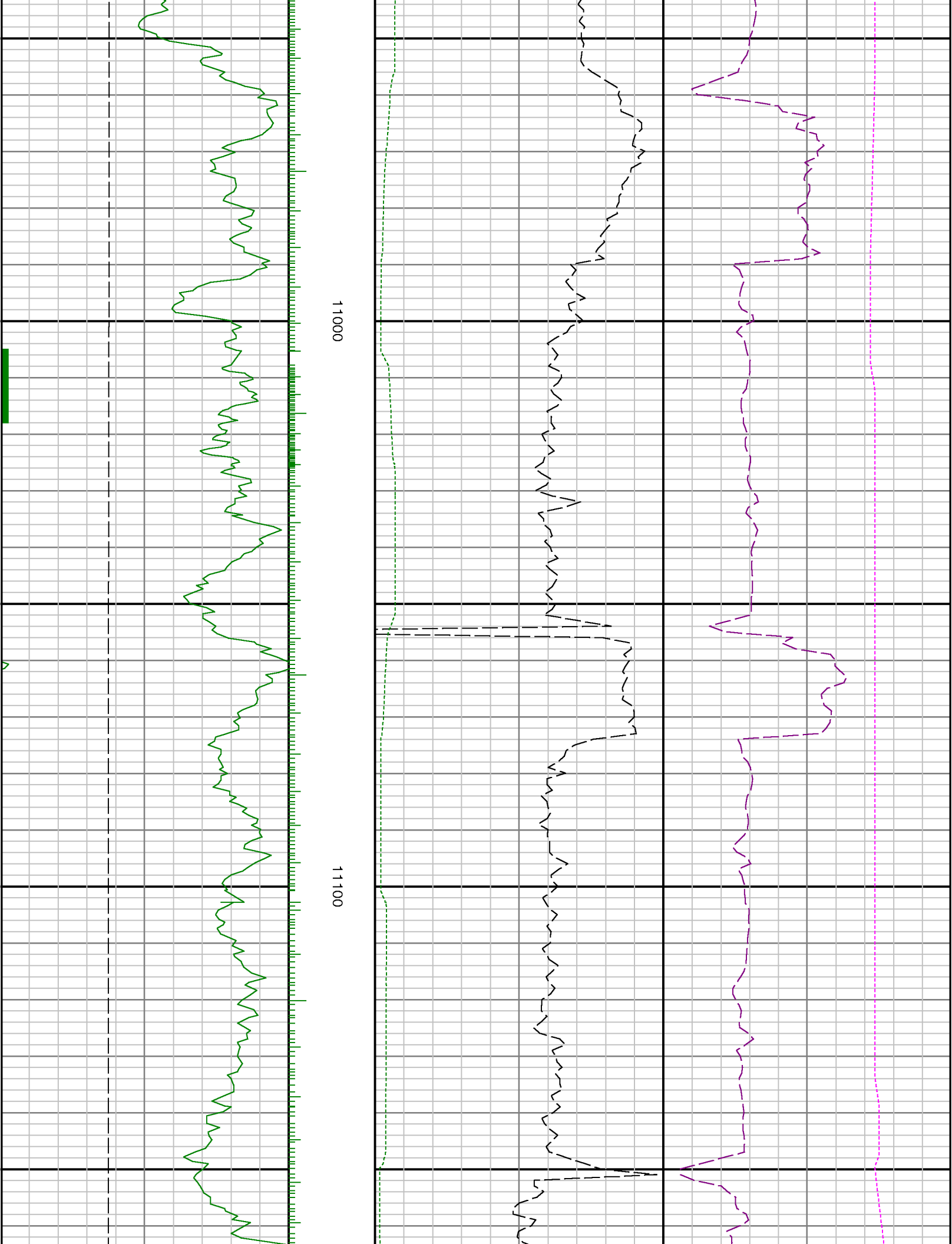
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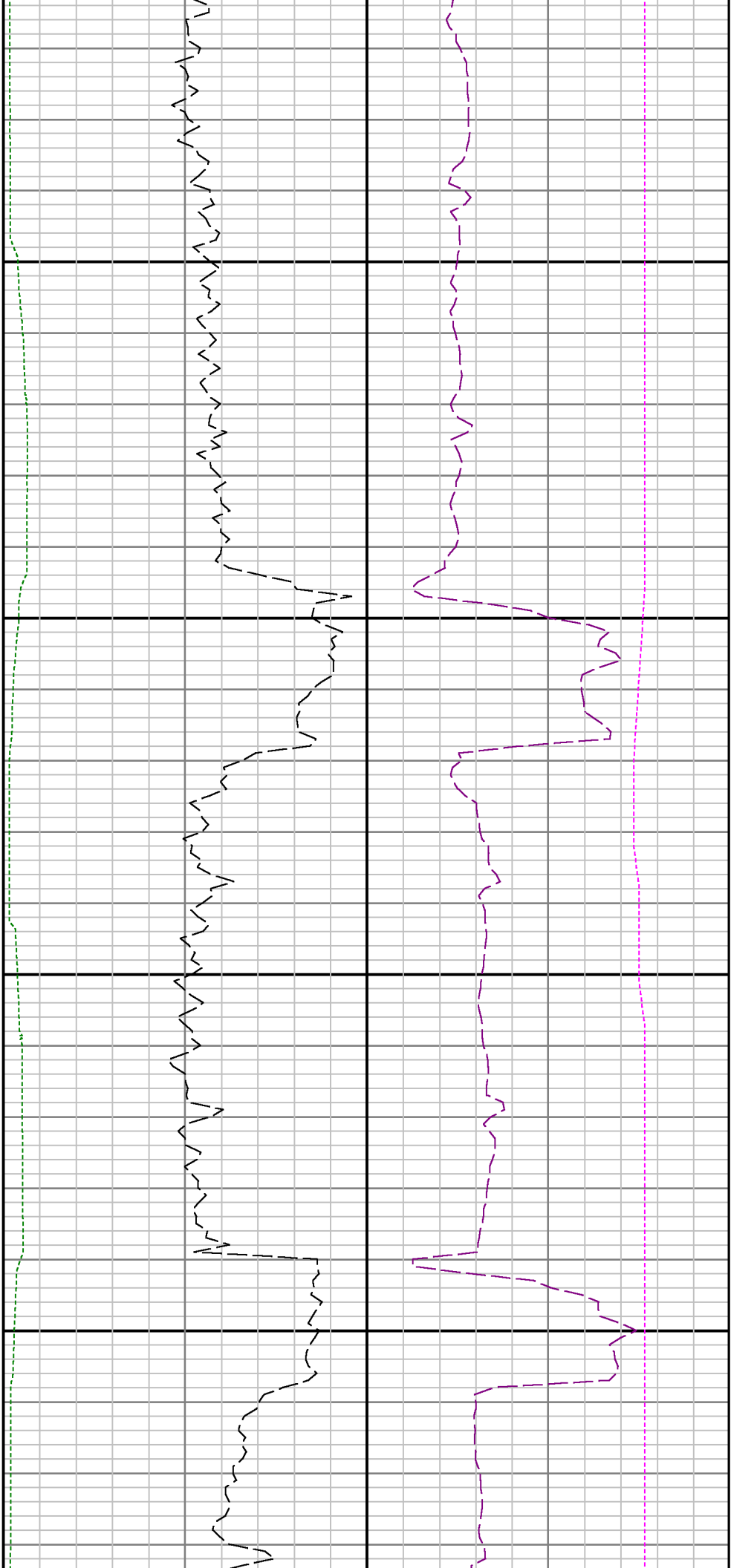






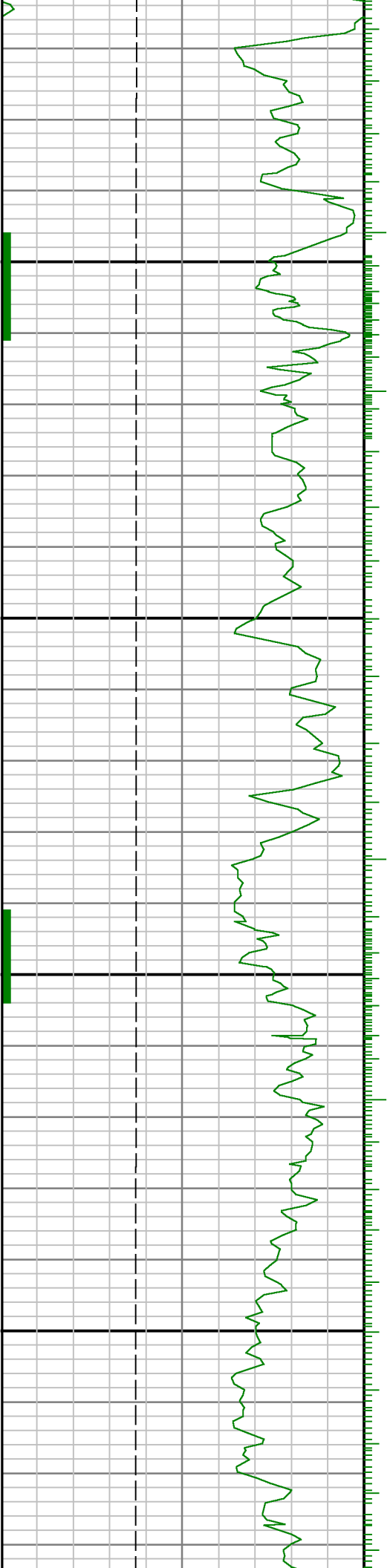


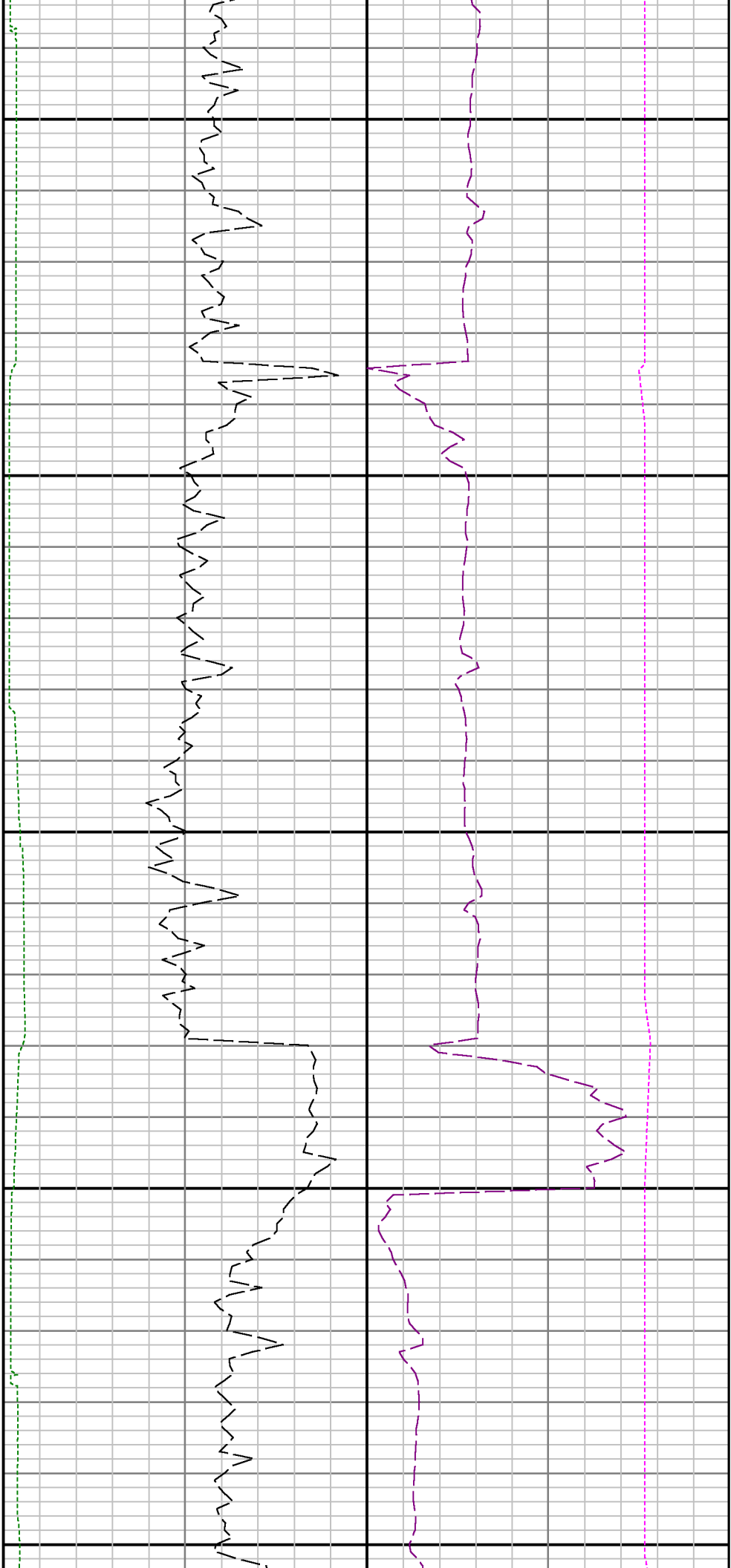




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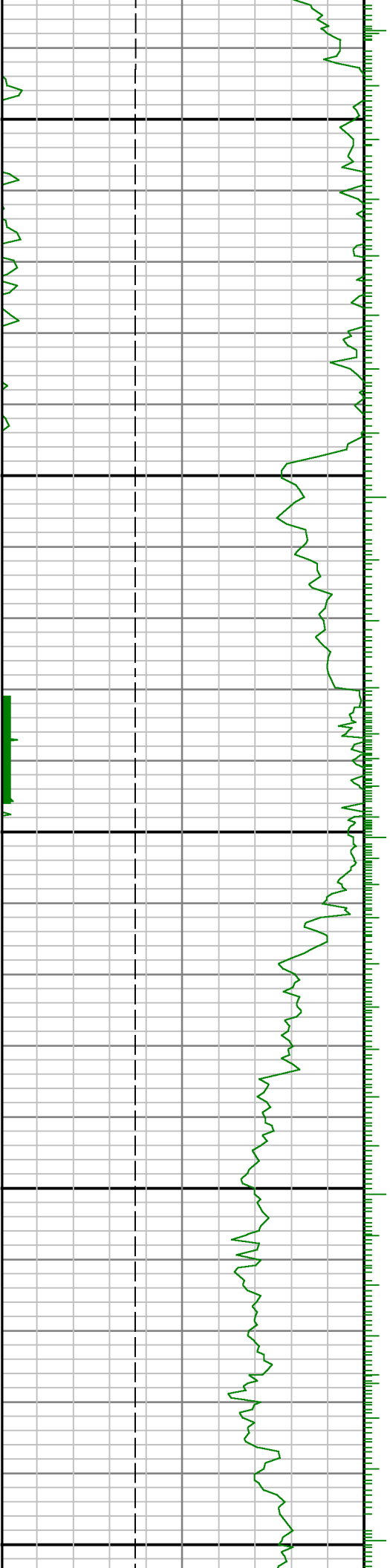


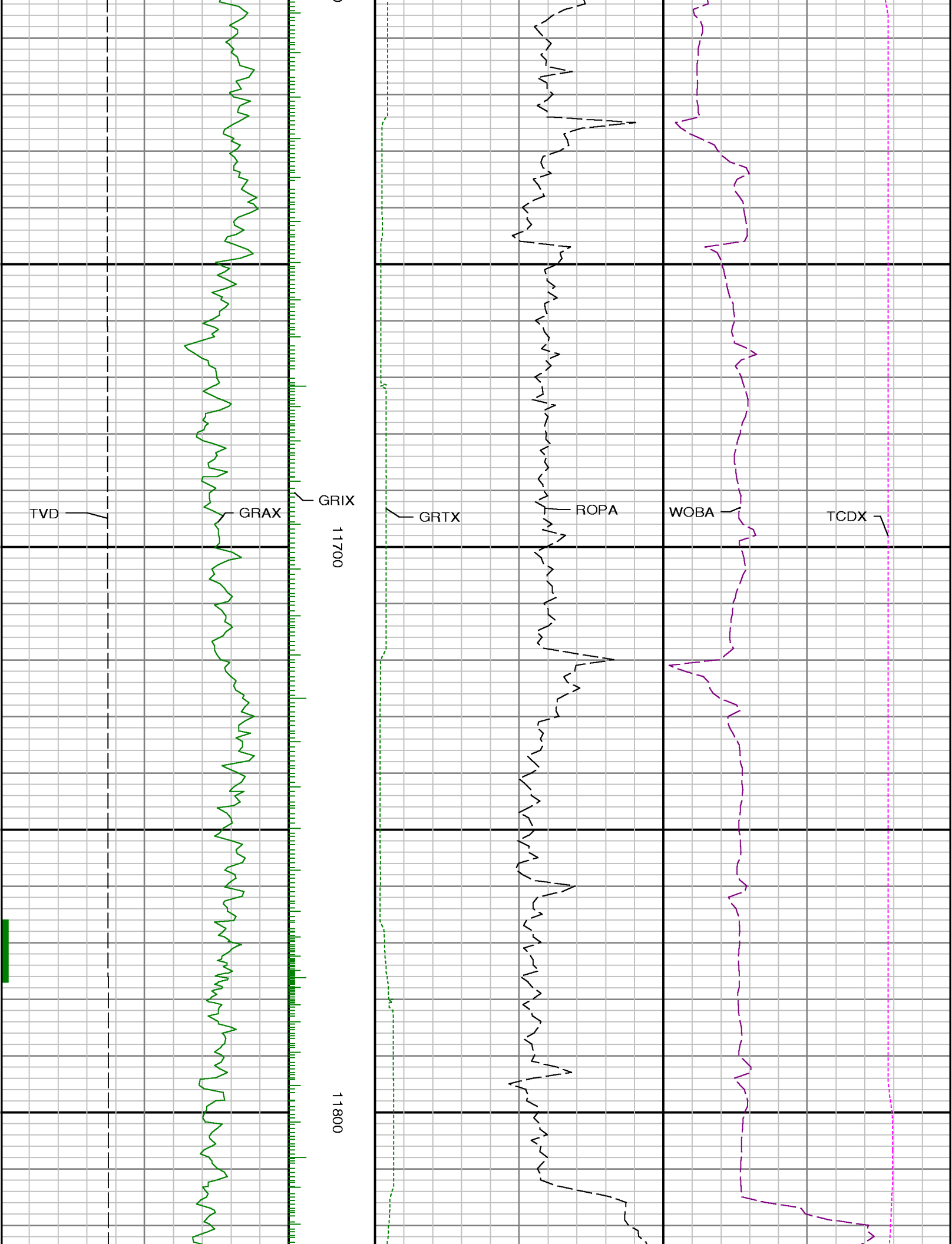


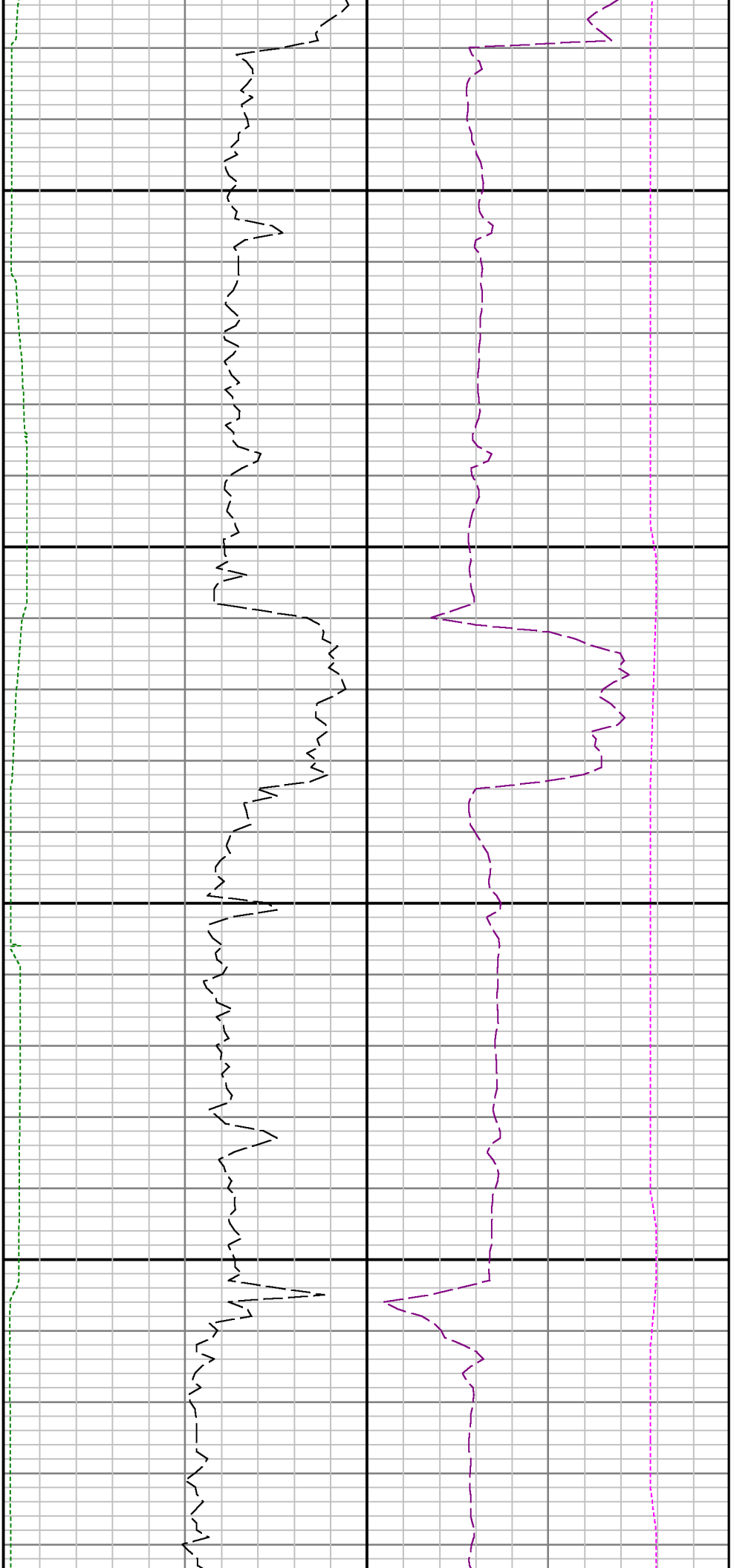
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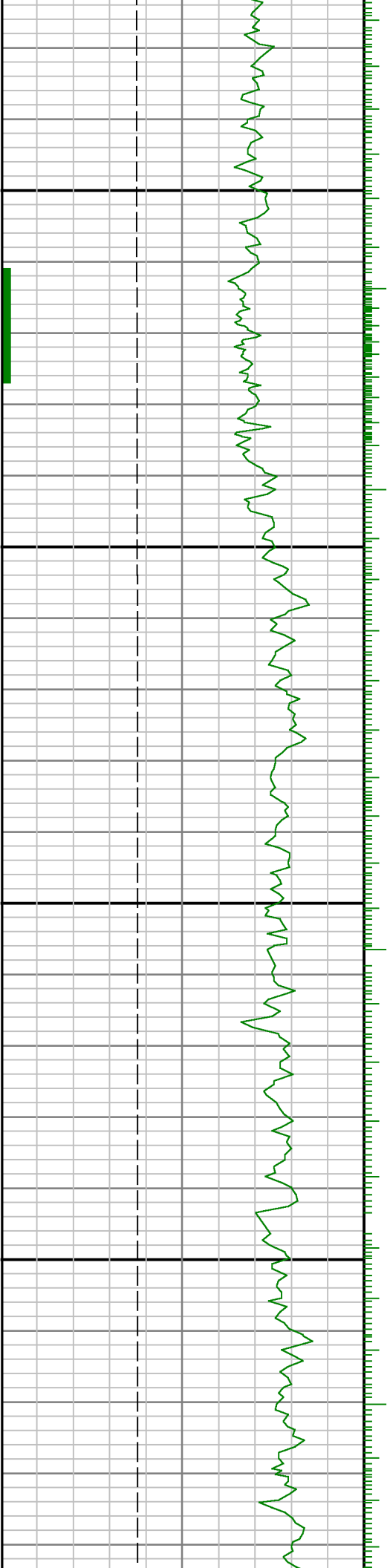






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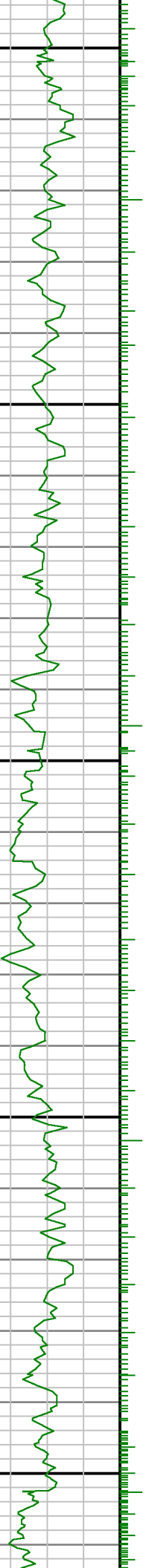
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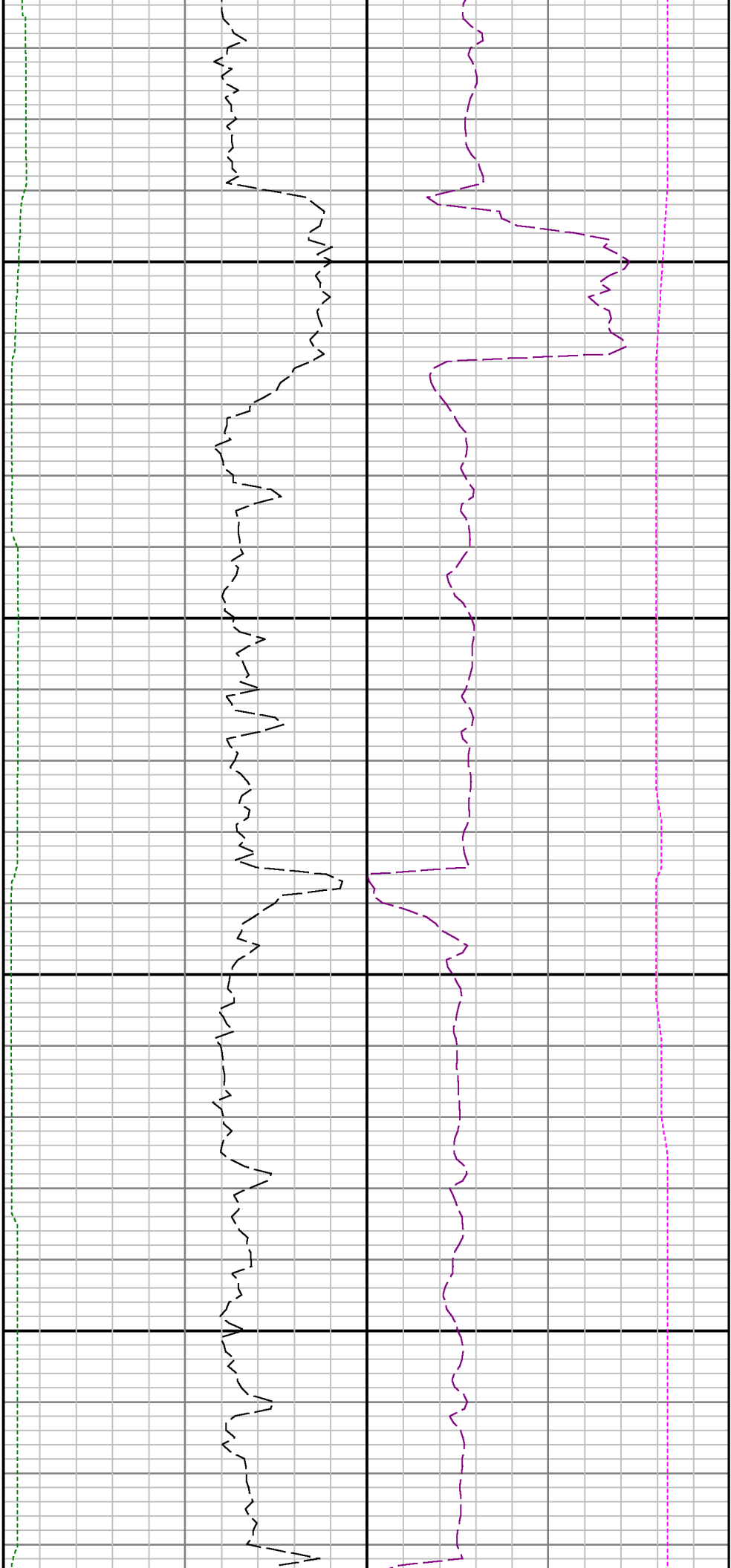




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