

part of Baker Hughes. Unless other contract terms have been agreed to by the parties, each party's liabilities and obligations shall be limited to the amount of the fee payable by Baker Hughes to the party in the event of termination of the contract.

Log Run Summary

Run No	Bit 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	Motor	1737.11	12746.99	1783.00	12792.88	2015-09-19 01:04	2015-09-21 03:17	44.39

Crew

Name		Arrive Wellsite	Depart Wellsite	Name		Arrive Wellsite	Depart Wellsite	Name		Arrive Wellsite	Depart Wellsite
Adam Harris		2015-09-18	2015-09-21	Marcus Boucher		2015-09-18	2015-09-21	Matthew Leopold		2015-09-18	2015-09-21
Ryan Kielian		2015-09-18	2015-09-21								

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	11912316	Gamma (single)	14.91	45.89	6.500	3.250
1	NaviGamma	11912316	VSS	18.41	49.39	6.500	3.250
1	NaviGamma	11912316	Directional (mag)	18.41	49.39	6.500	3.250

Comments


- 1 Baker Hughes run 1 utilized a 6.5 inch NaviGamma (Directional and Gamma Ray) tool ran behind an 7.875 inch bit with a steerable assembly from 1864 to 12790 feet MD (1844 to 7140 feet TVD).
- 2 A sliding indicator is shown on the left side of track 1 as a heavy line. The indicator has been shifted to the Gamma Ray sensor offset to correspond with Gamma Ray data acquired while sliding.

Remarks

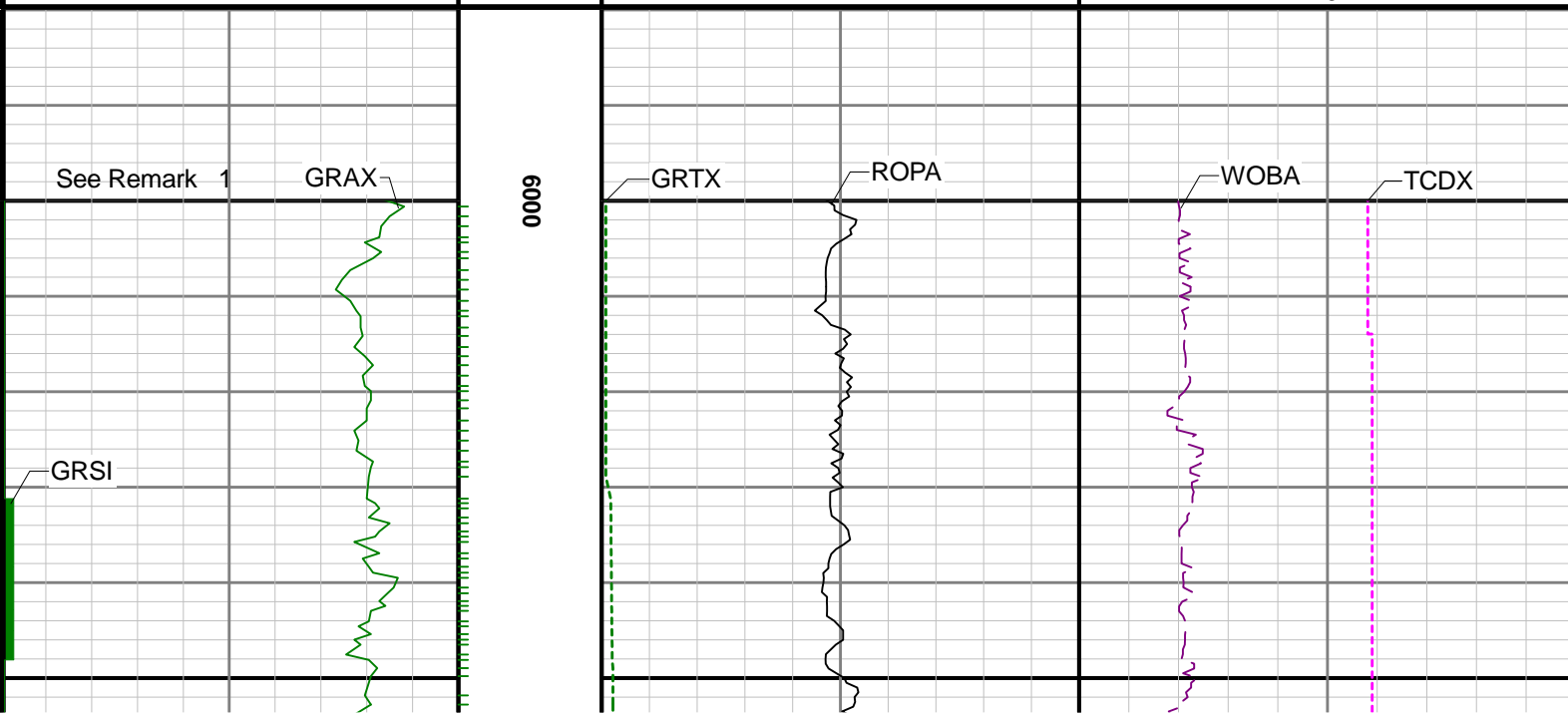
Number	Measured Depth (ft)	Hole Section (in)	Run No.	Remark
1	6000.00	7.875	1	The interval from 16 to 6000 feet MD (16 to 5891 feet TVD) was not logged due to directional only services provided in the vertical.
2	12790.00	7.875	1	The interval from 12747 to 12790 feet MD (7141 to 7140 feet TVD) has no GRAX, GRIX or GRTX due to the Gamma Ray sensor offset to bit.

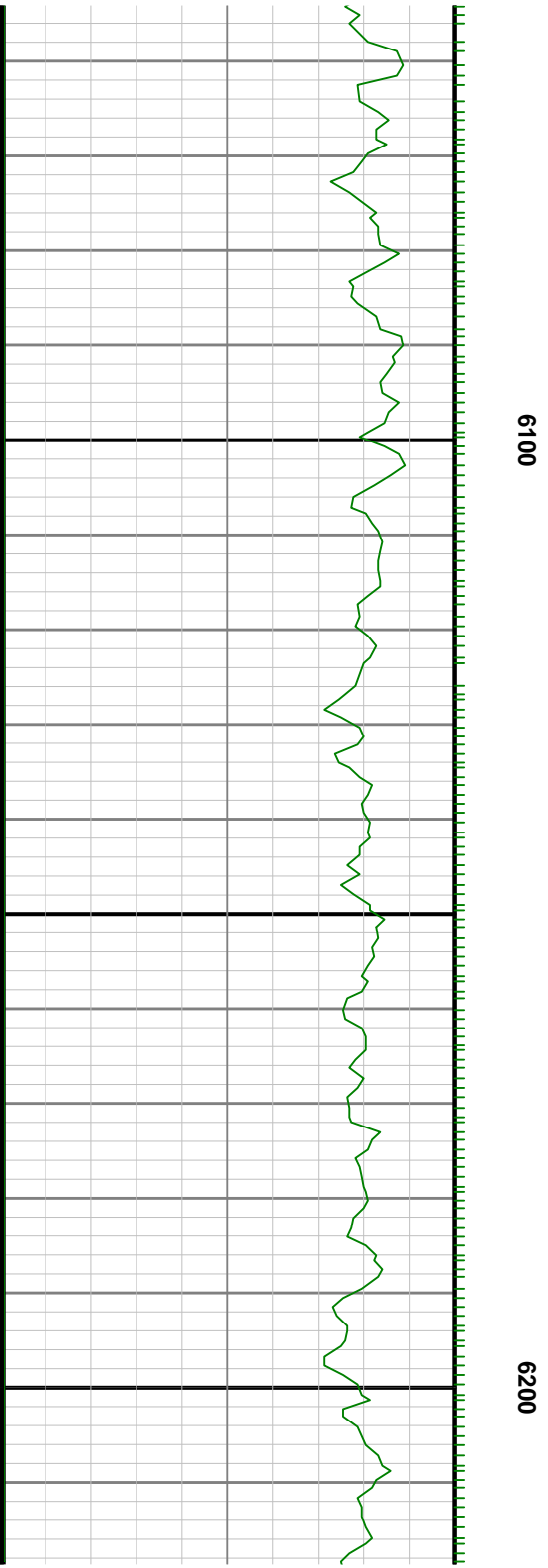
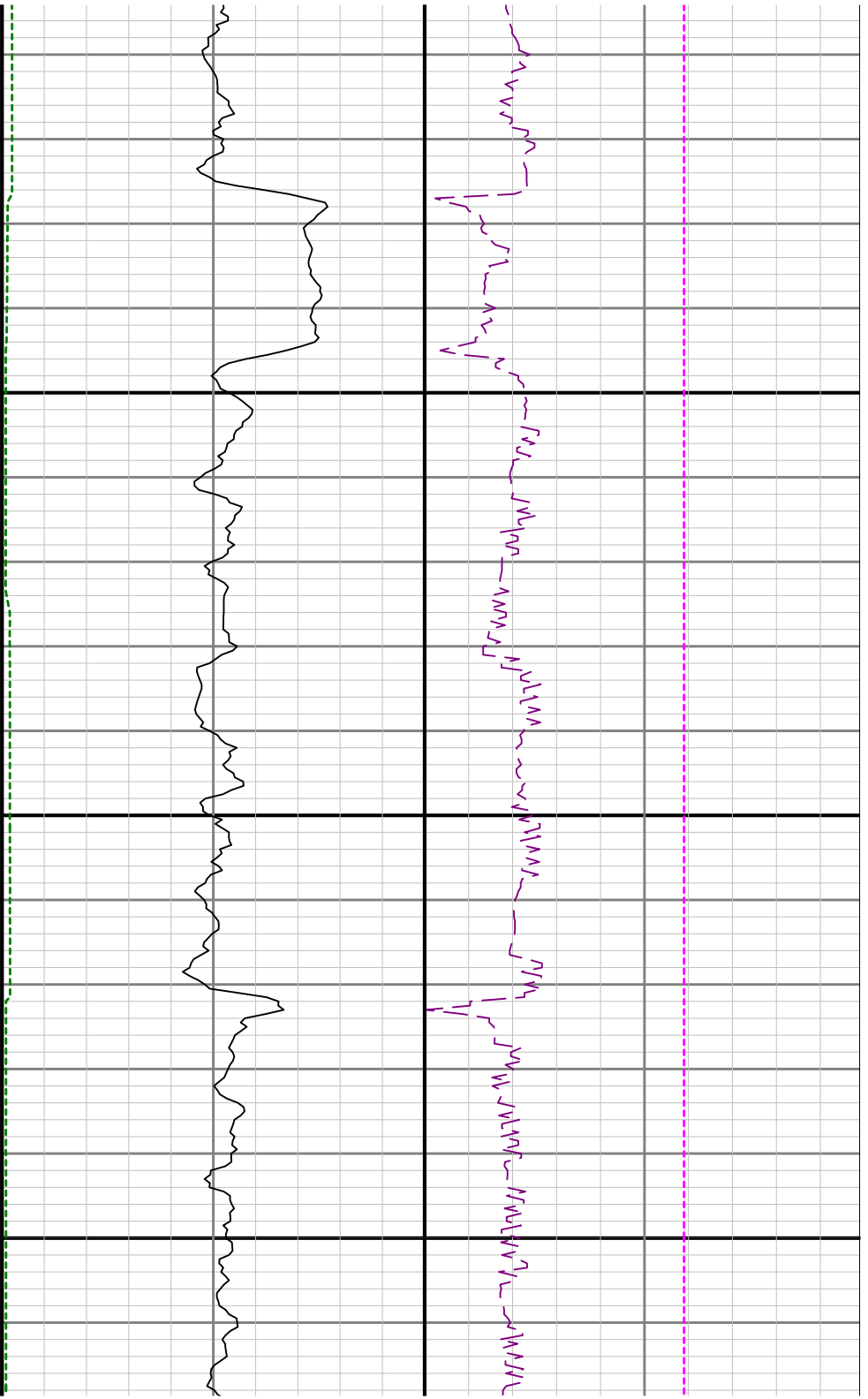
Curve Mnemonics

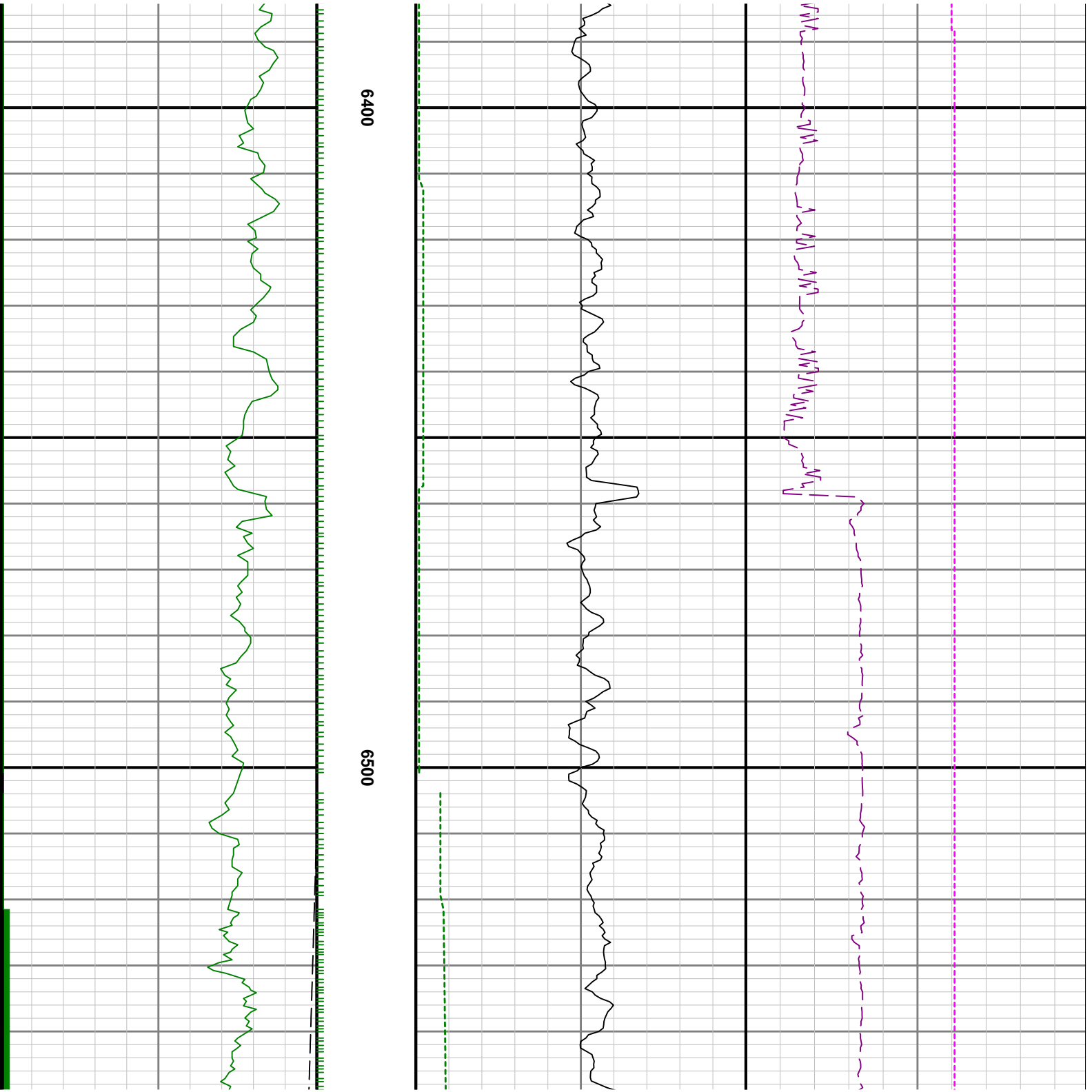
Presented Curves	Description	Units
ROPA	Depth Averaged ROP 3 ft Average	ft/h
GRAX	Gamma Ray - Apparent 0.5 ft Average	API
GRIX	Gamma Ray - Data Point Indicator	unitless
GRTX	Gamma Time Since Drilled	min
GRSI	Sliding Indicator Flag	unitless
TCDX	Downhole Temperature	degF
TVD	True Vertical Depth	ft
WOBA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

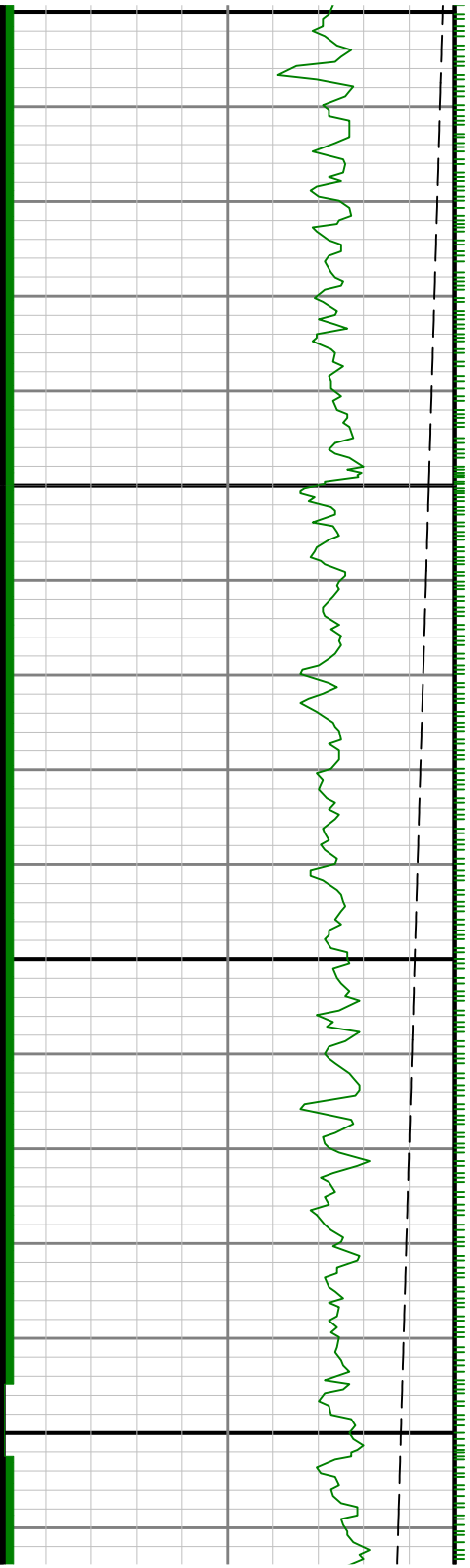
	Company	Anadarko			
	Well	Sarchet 36G-20HZ			
	Interval	Date From:	2015-09-18 03:01	Top:	6000.00
		Date To:	2015-09-21 03:17	Bottom:	12793.00
		Created	2015-09-21 04:25		

Gamma Ray Apparent 0.5 ft Average GRAX	MD 1:240 feet	Rate of Penetration 3 ft Average ROPA	Surface Weight On Bit 1 ft Average WOBA
0 150		1000 0	0 100
API		ft/h	klb
True Vertical Depth TVD		Gamma Ray Time Since Drilled GRTX	Downhole Temperature TCDX
8000 6400		0 600	0 300
ft		min	degF



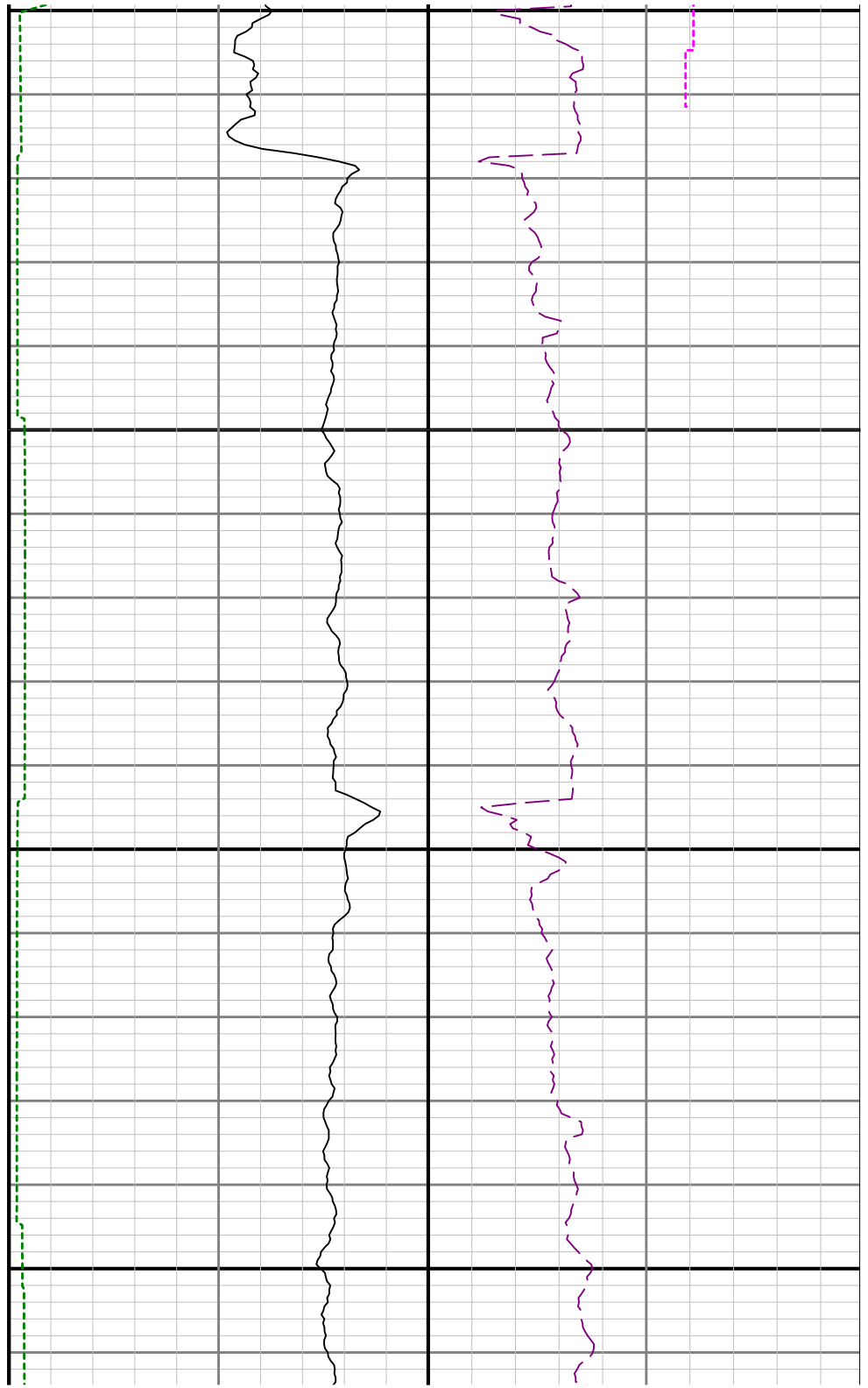


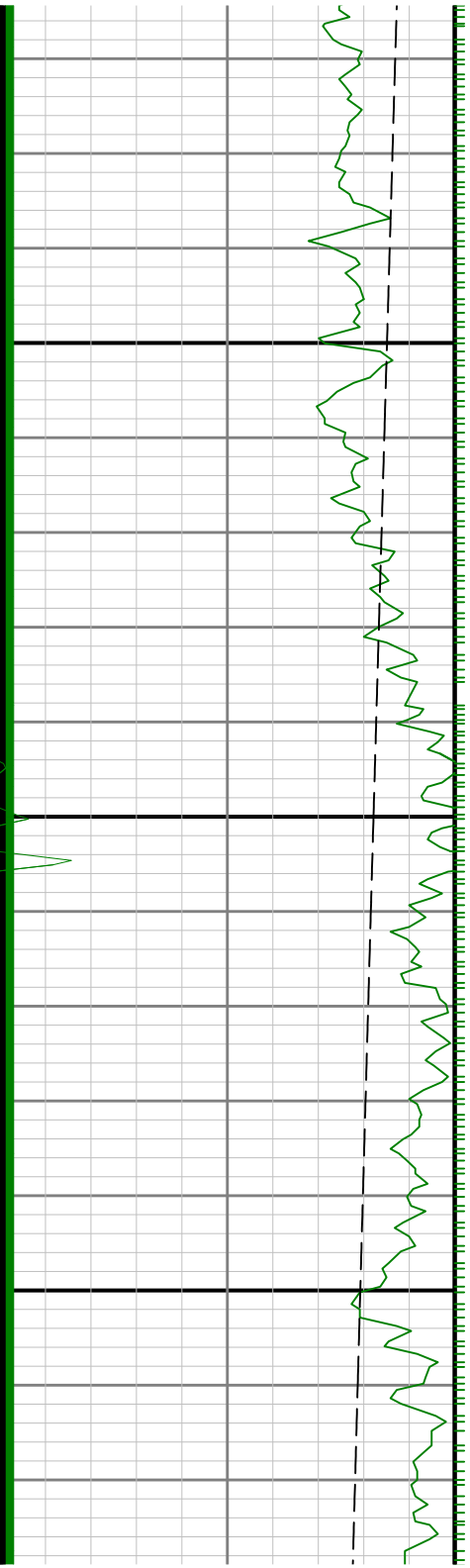




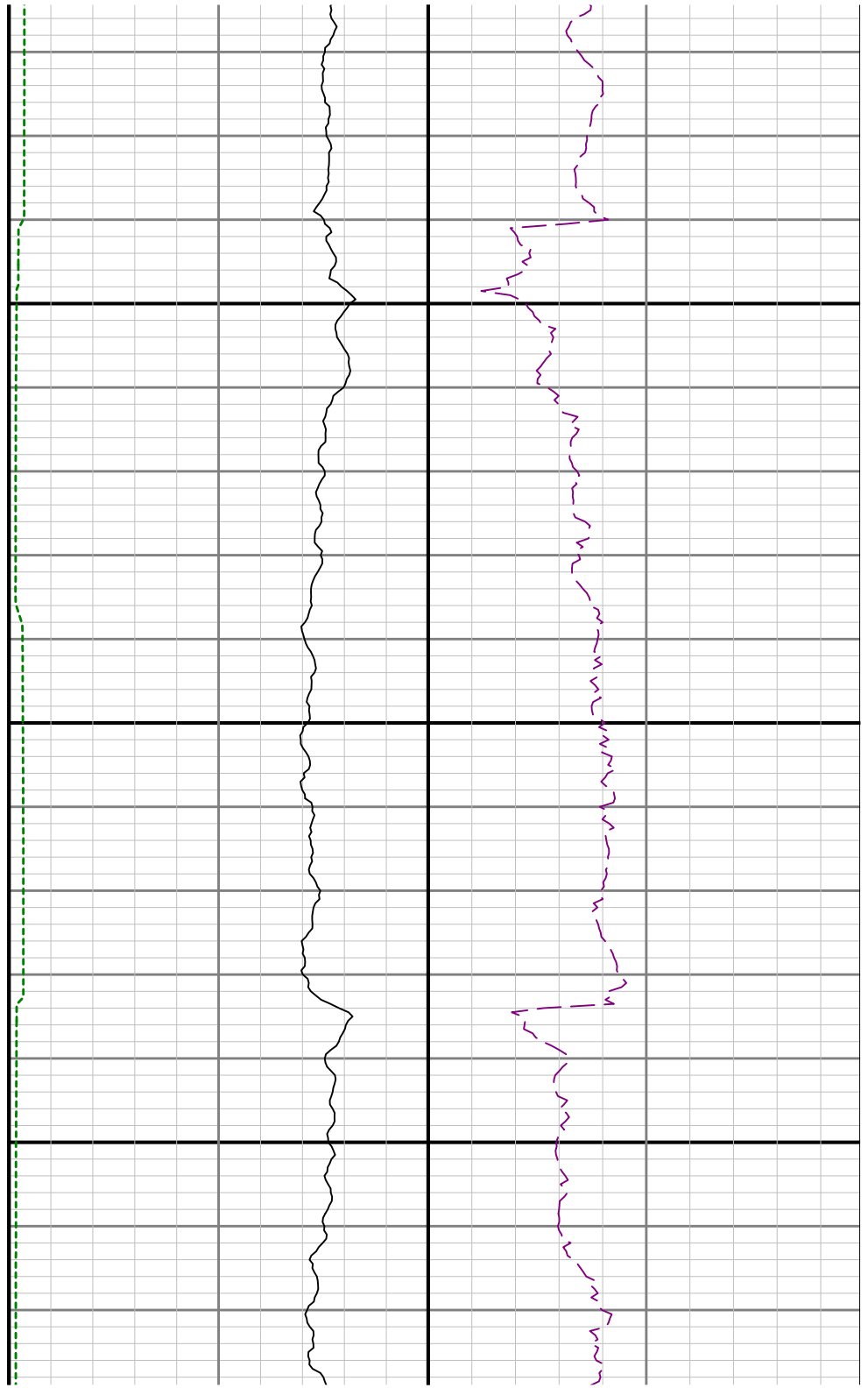
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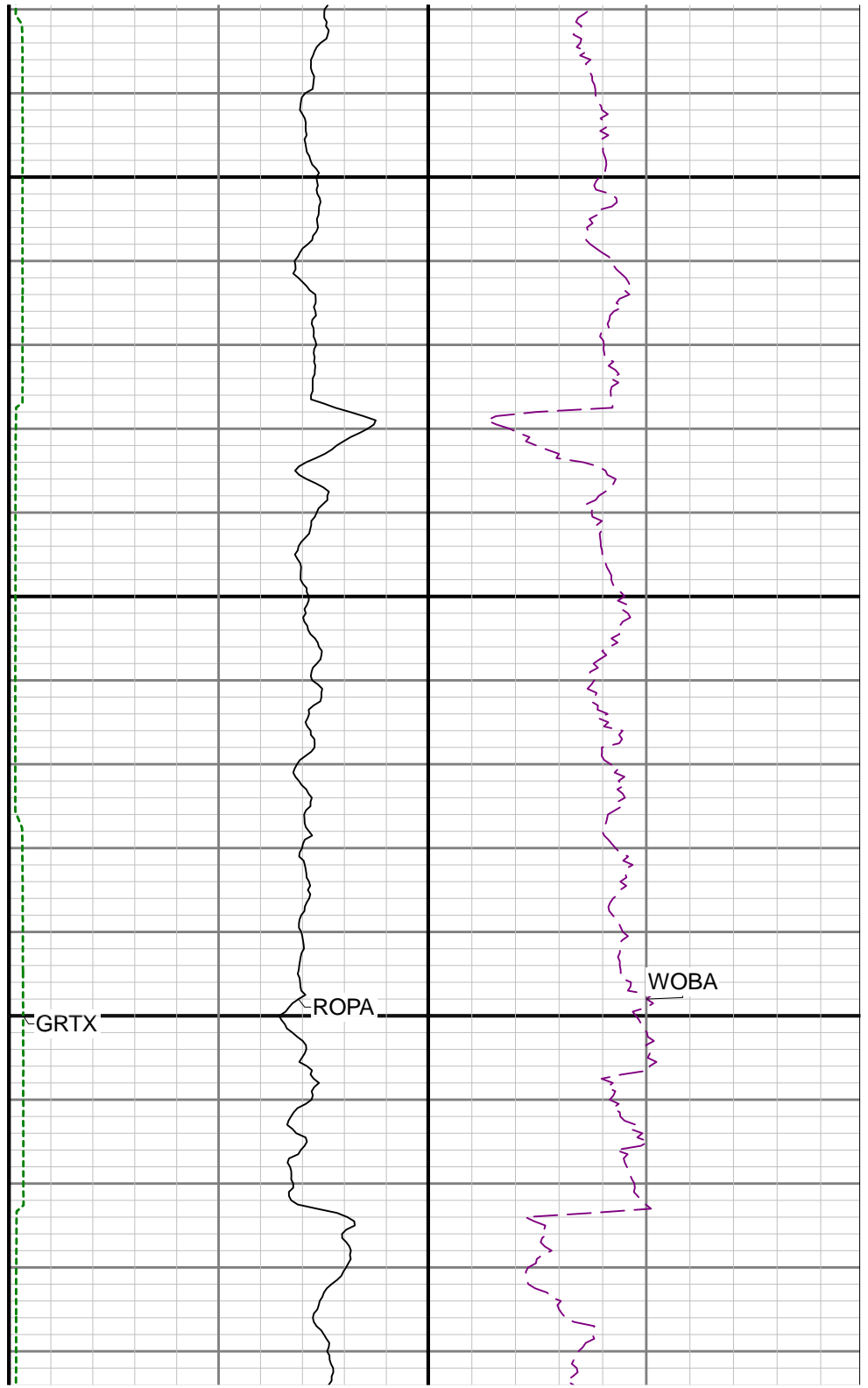
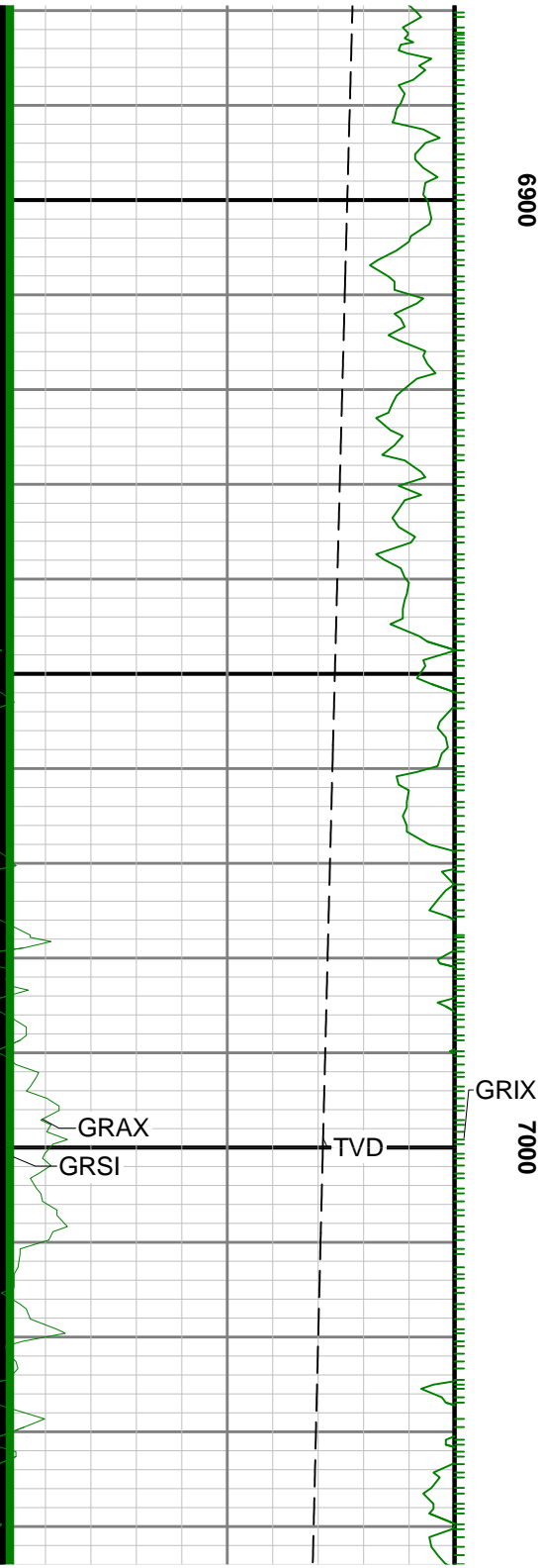
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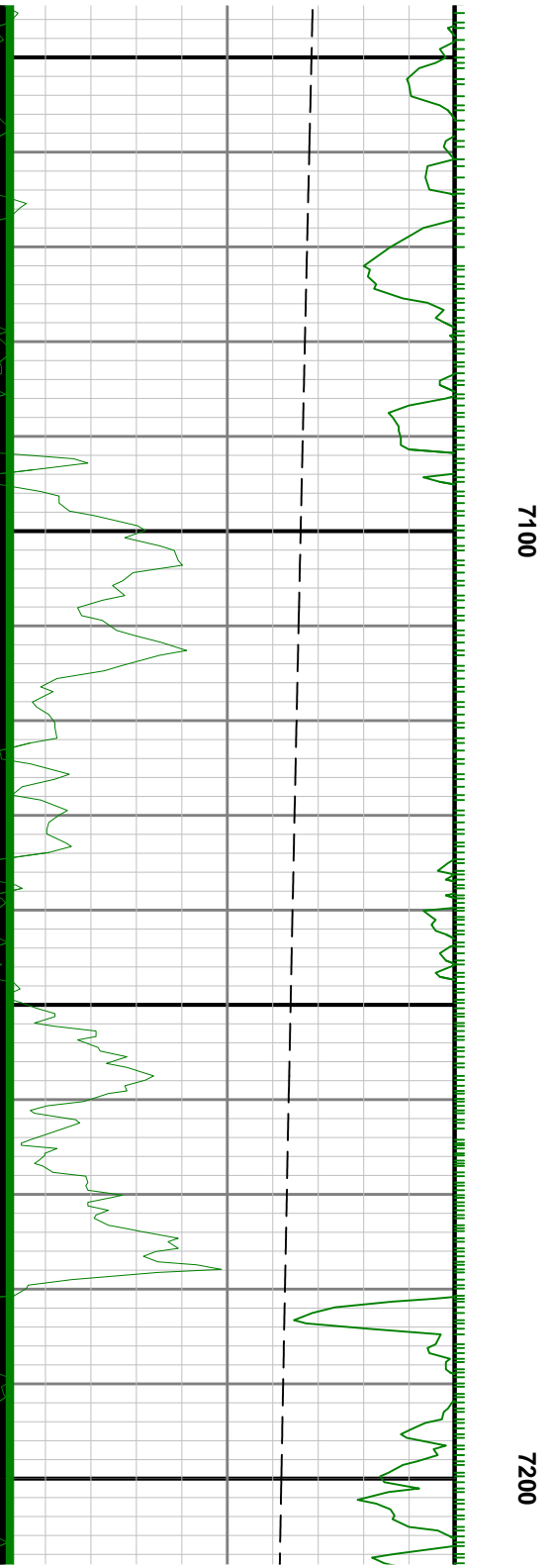


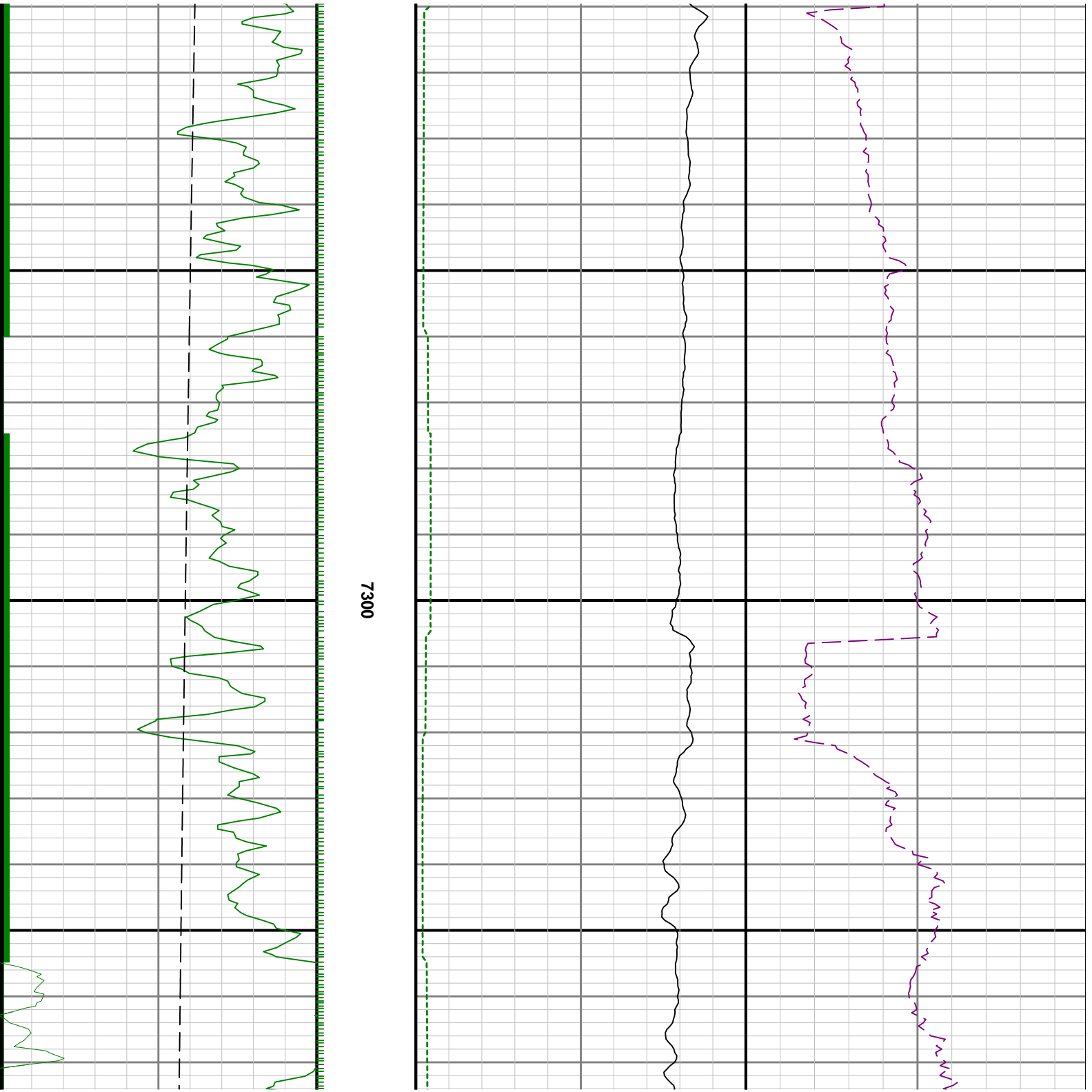


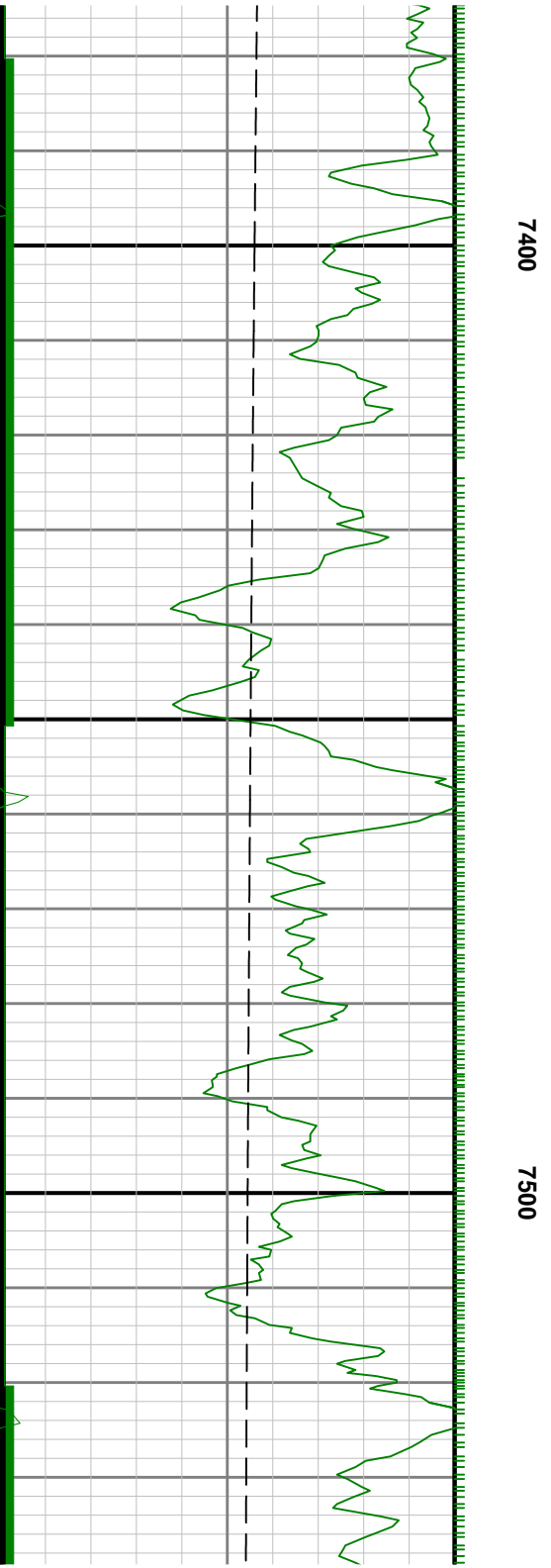
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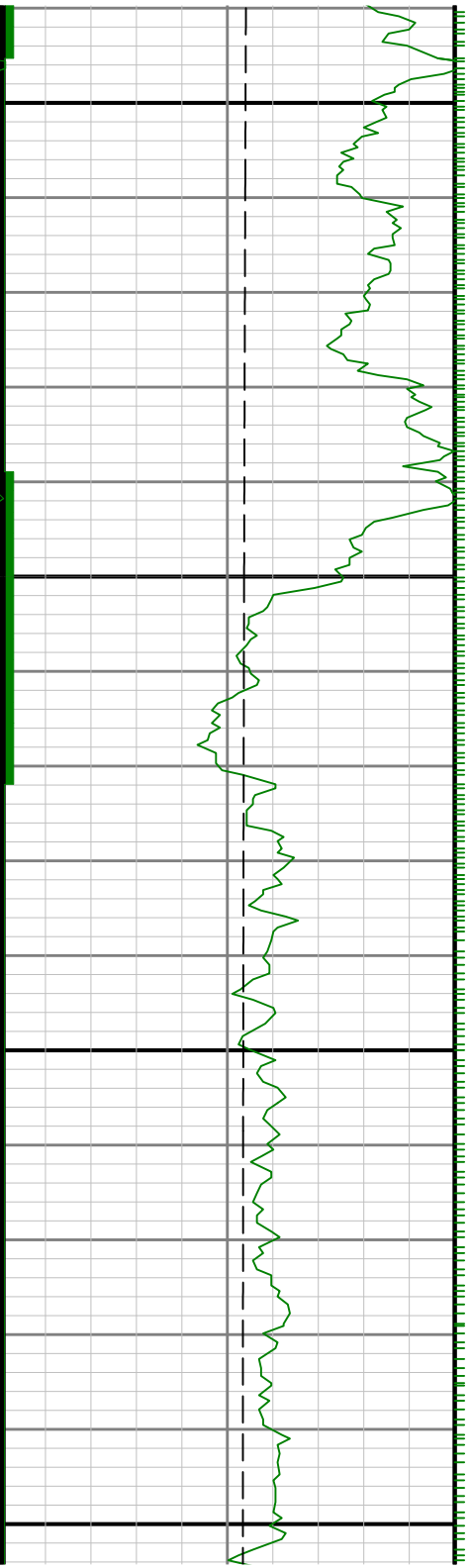






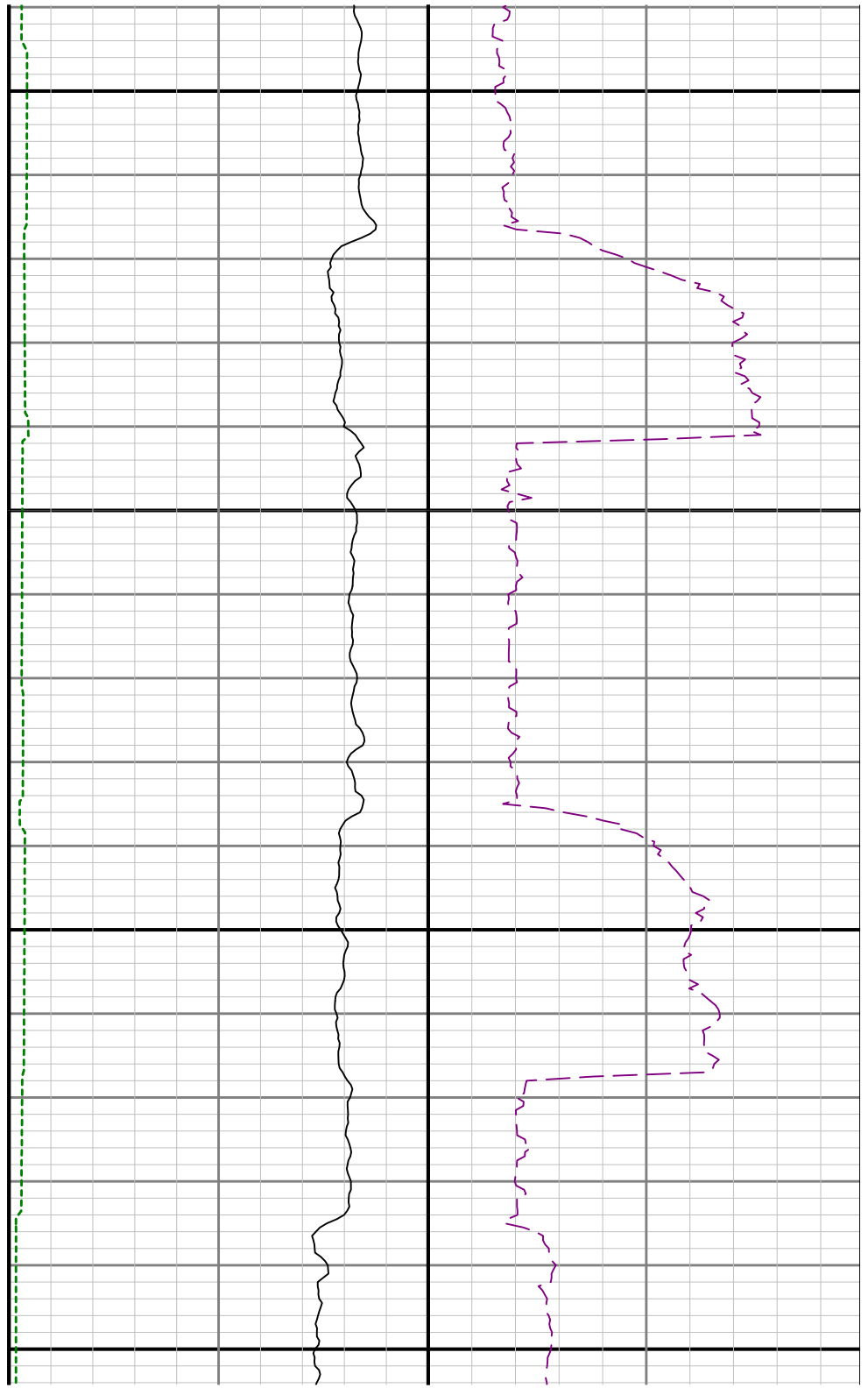


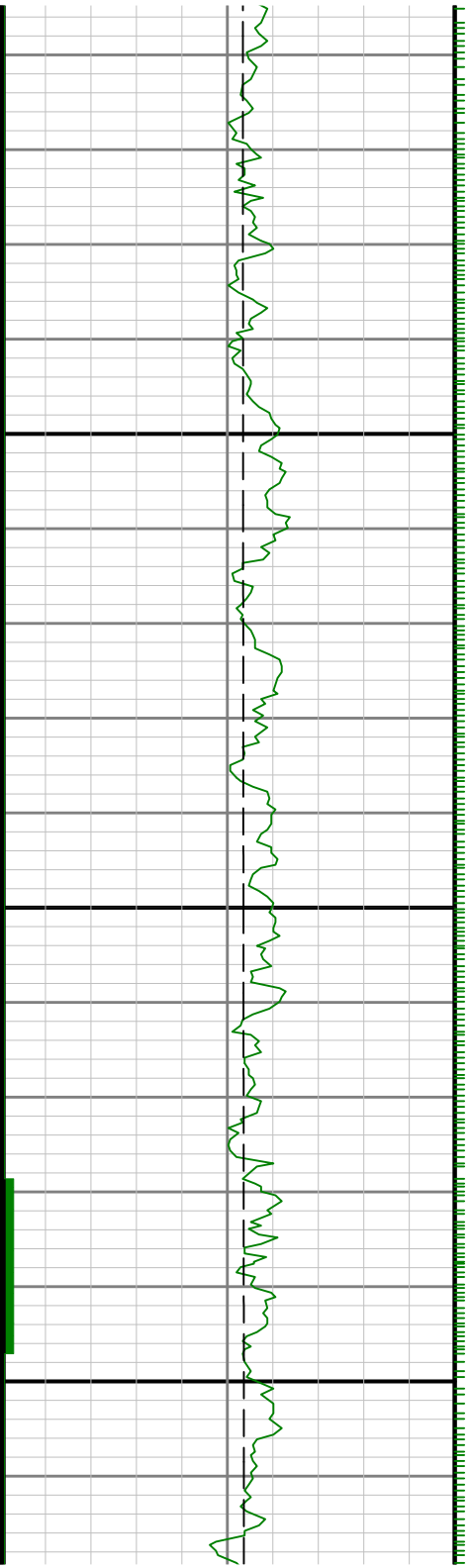




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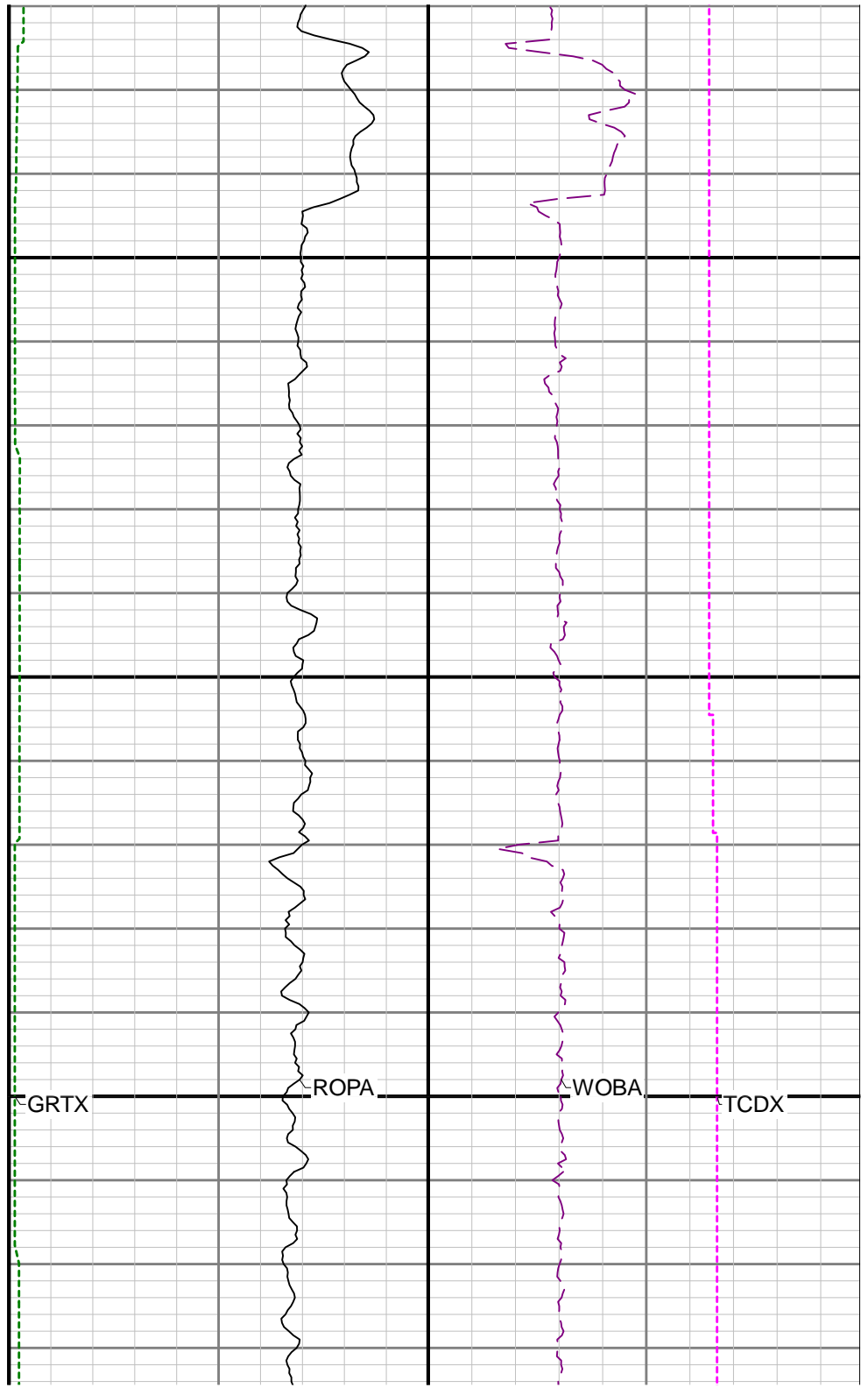
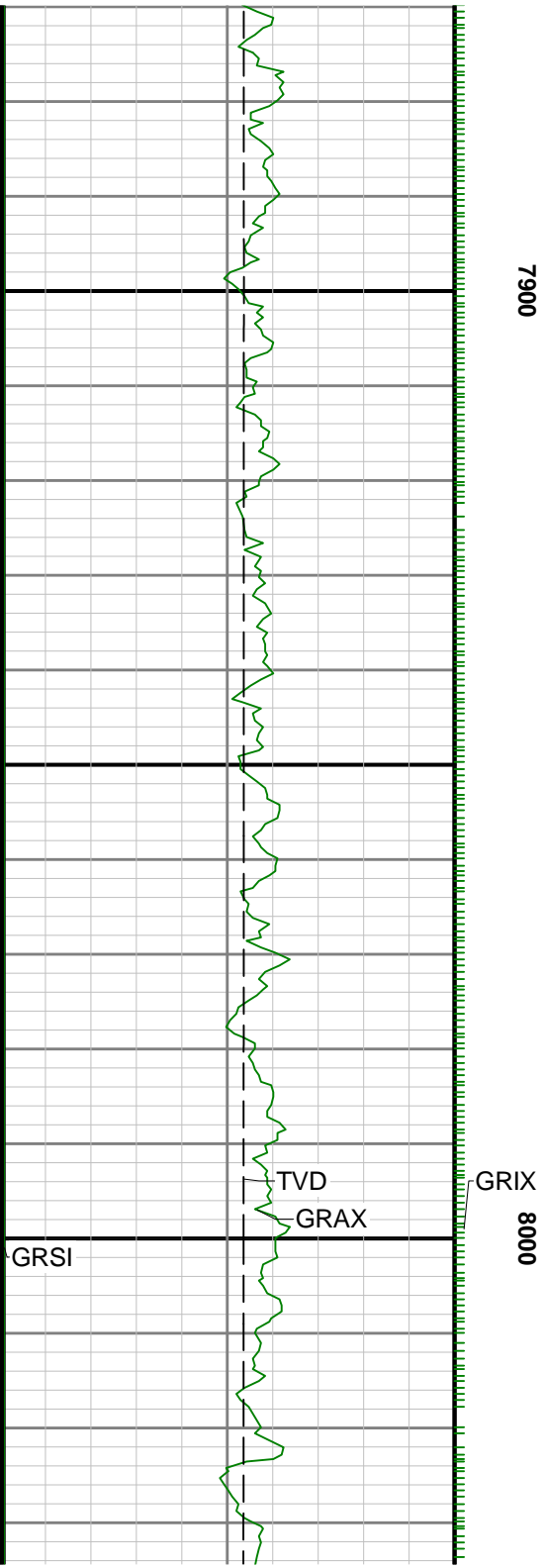
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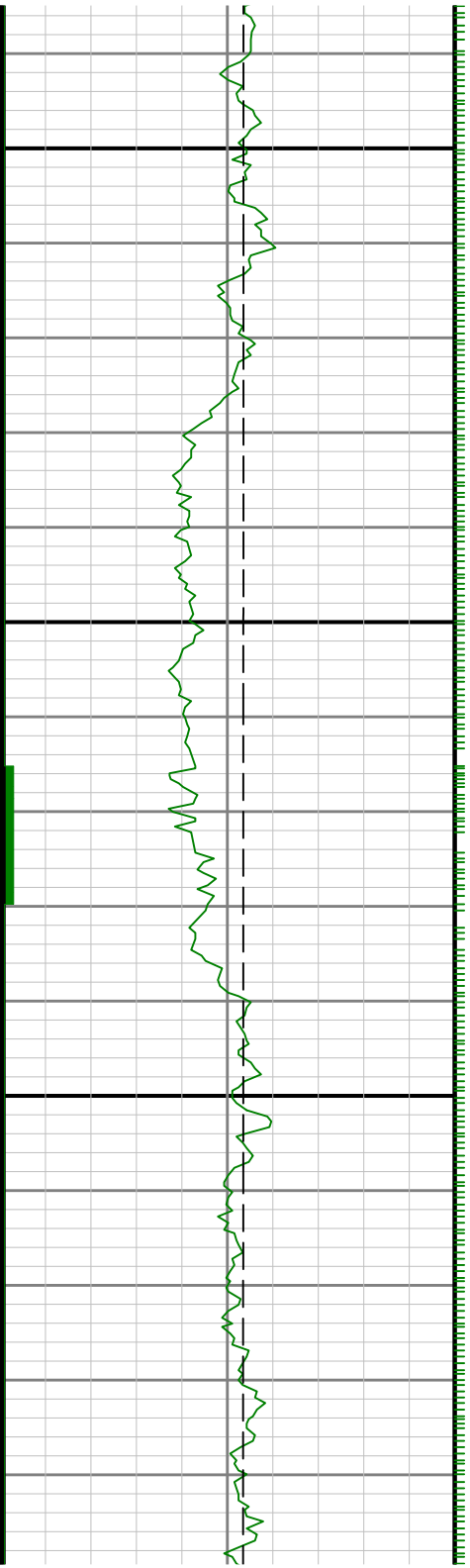




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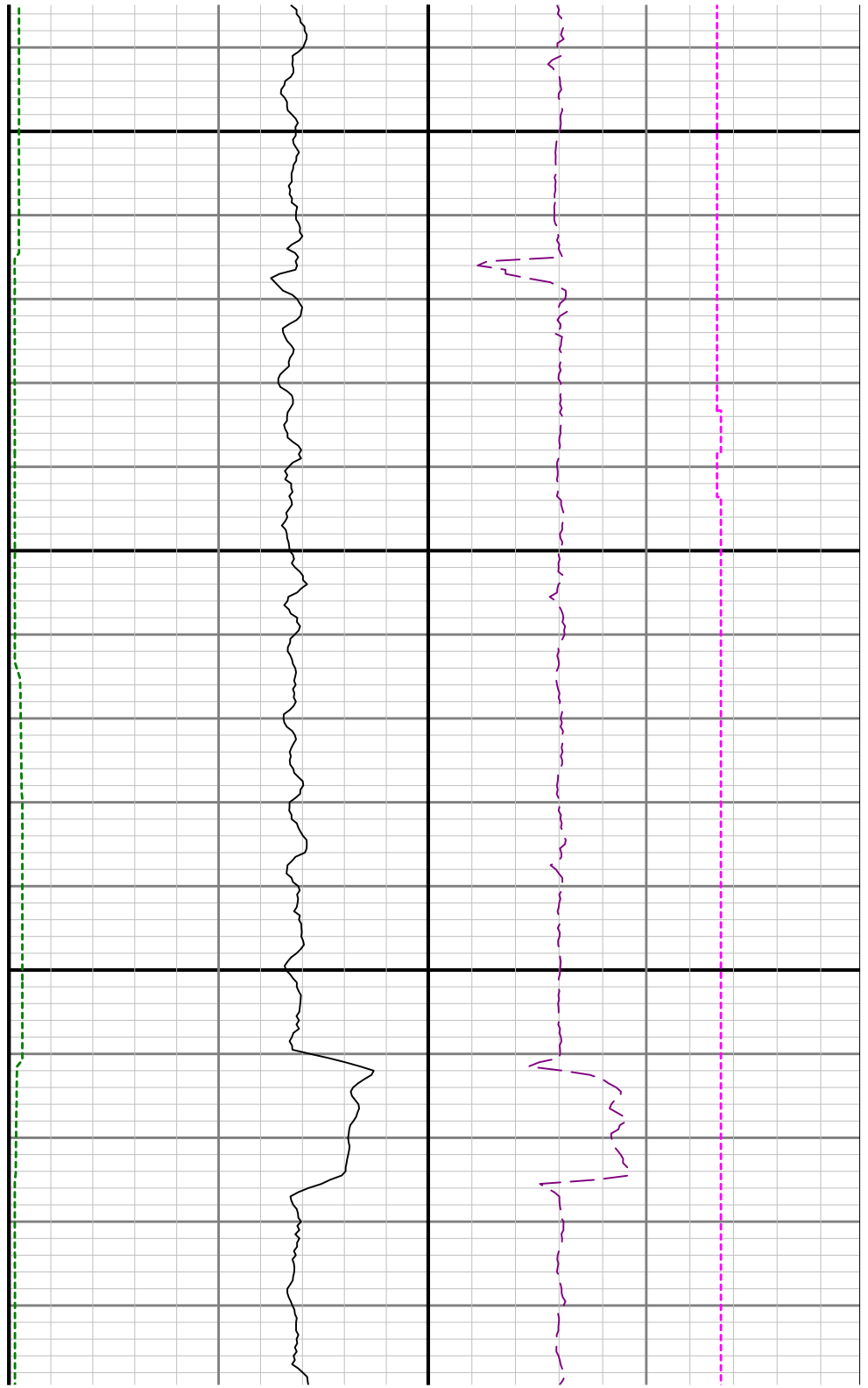


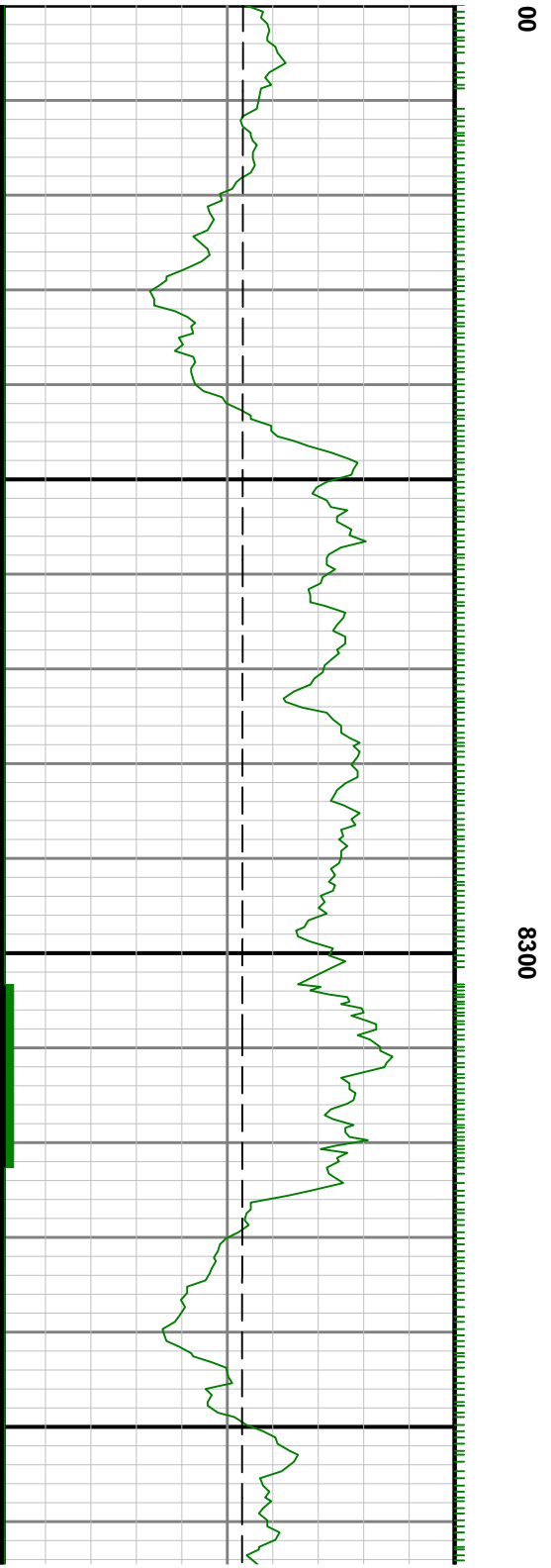


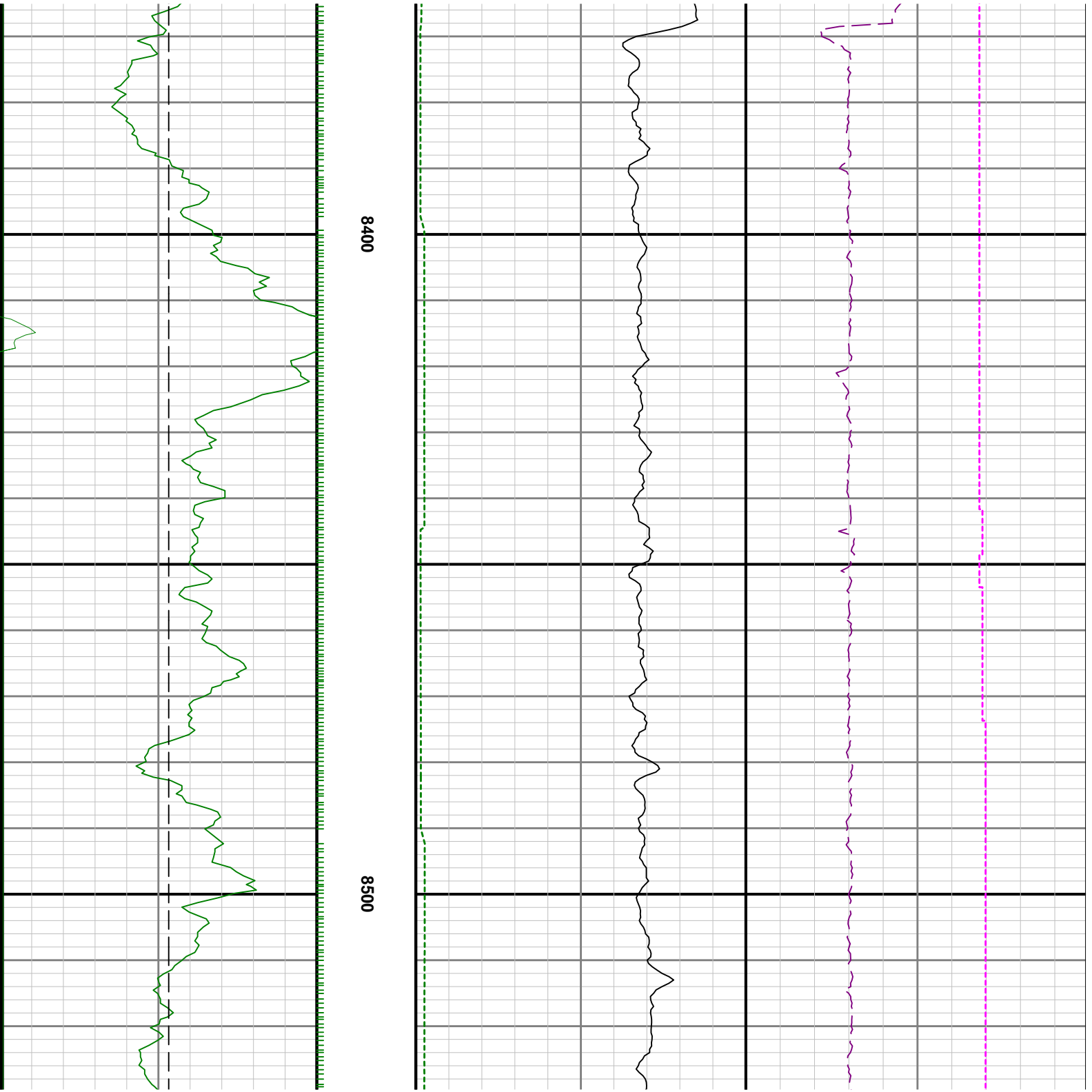


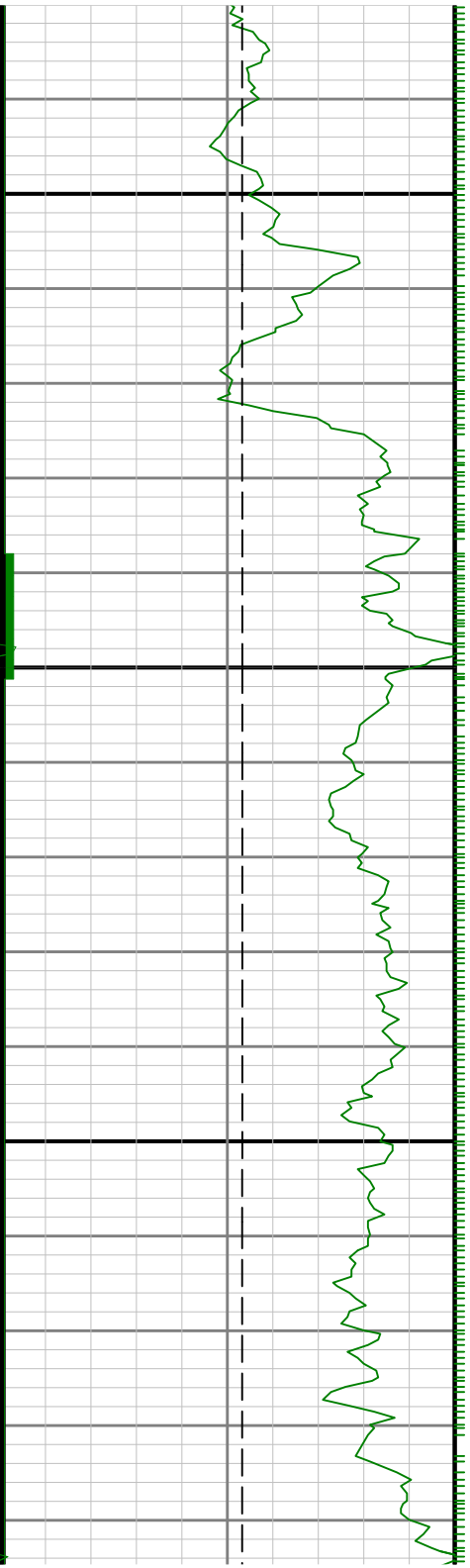
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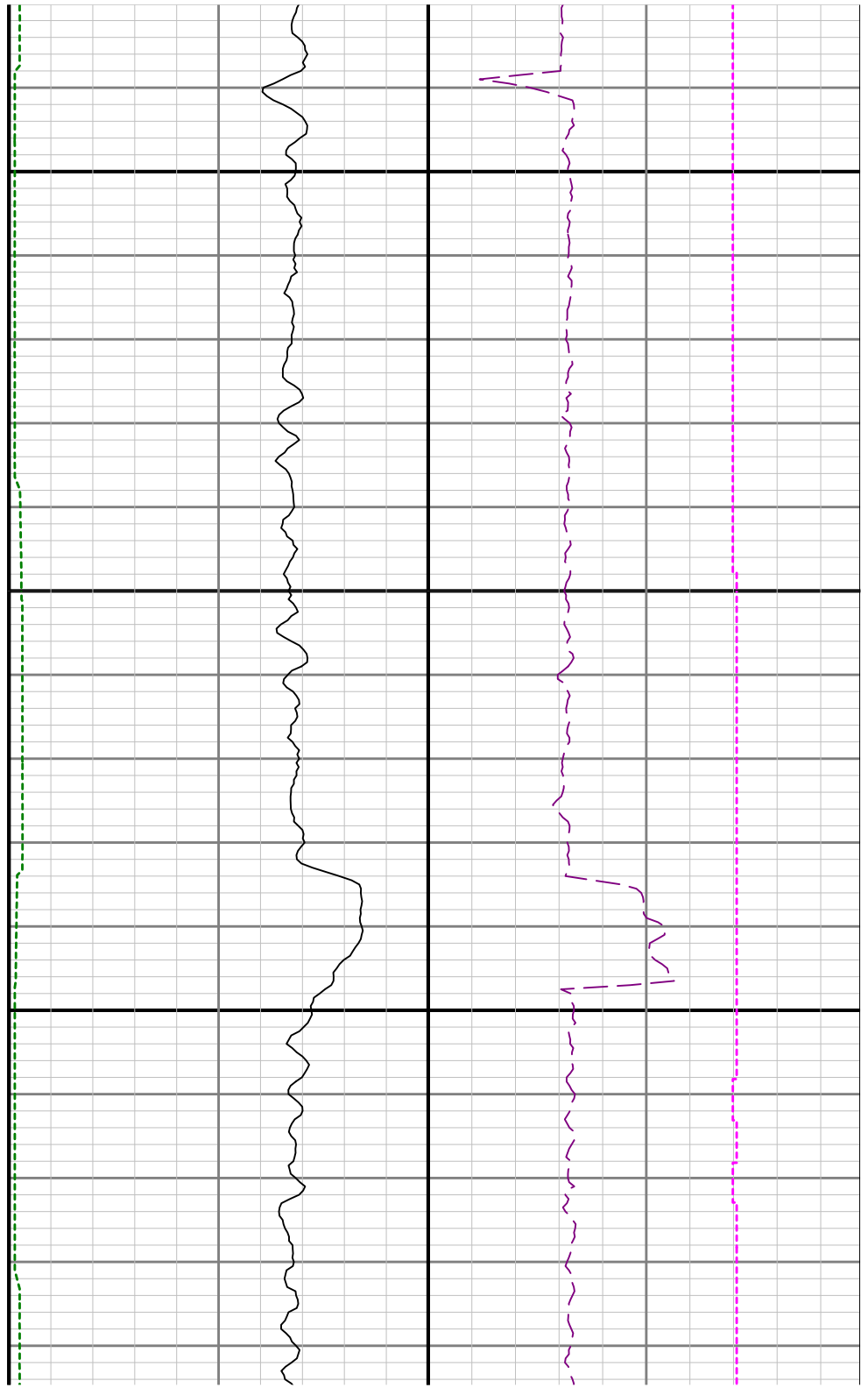


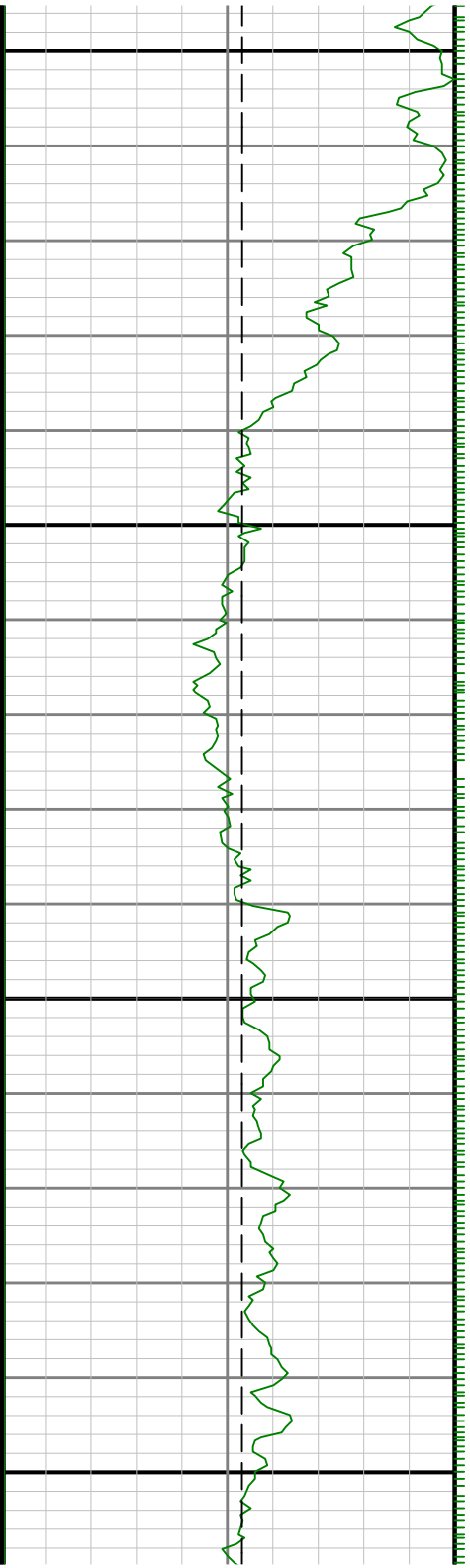






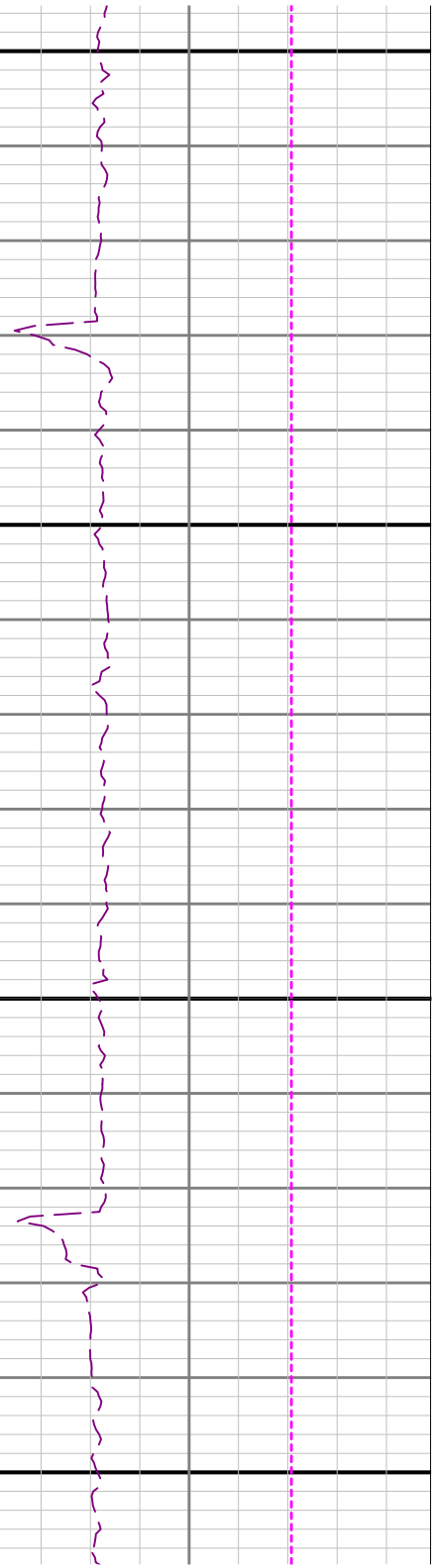
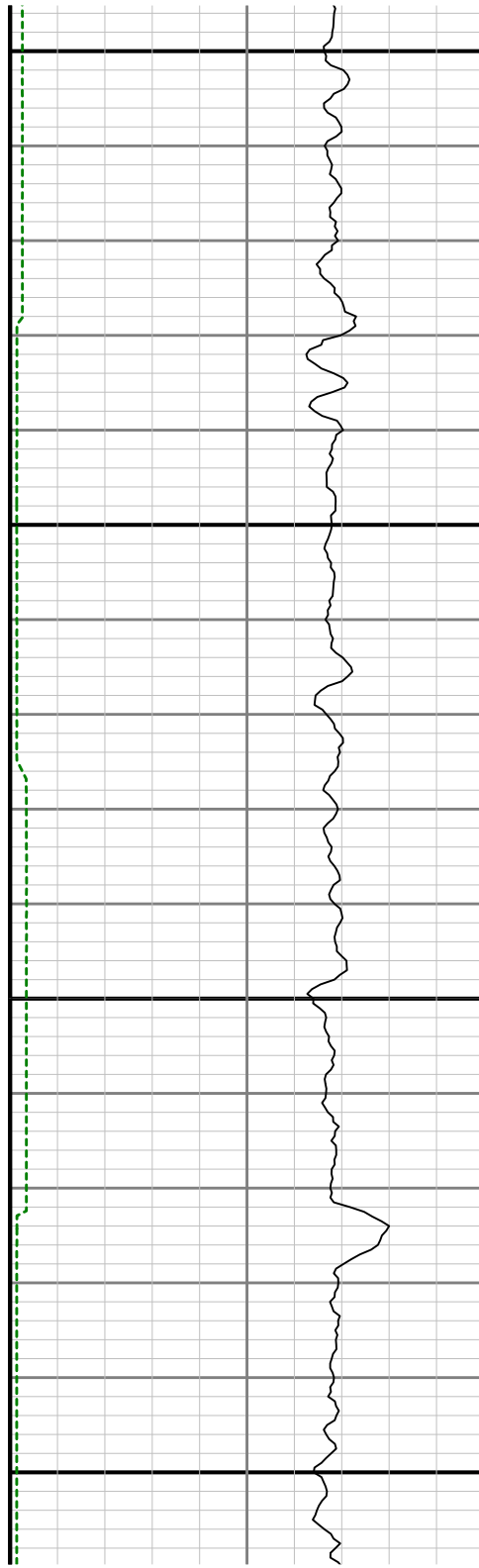
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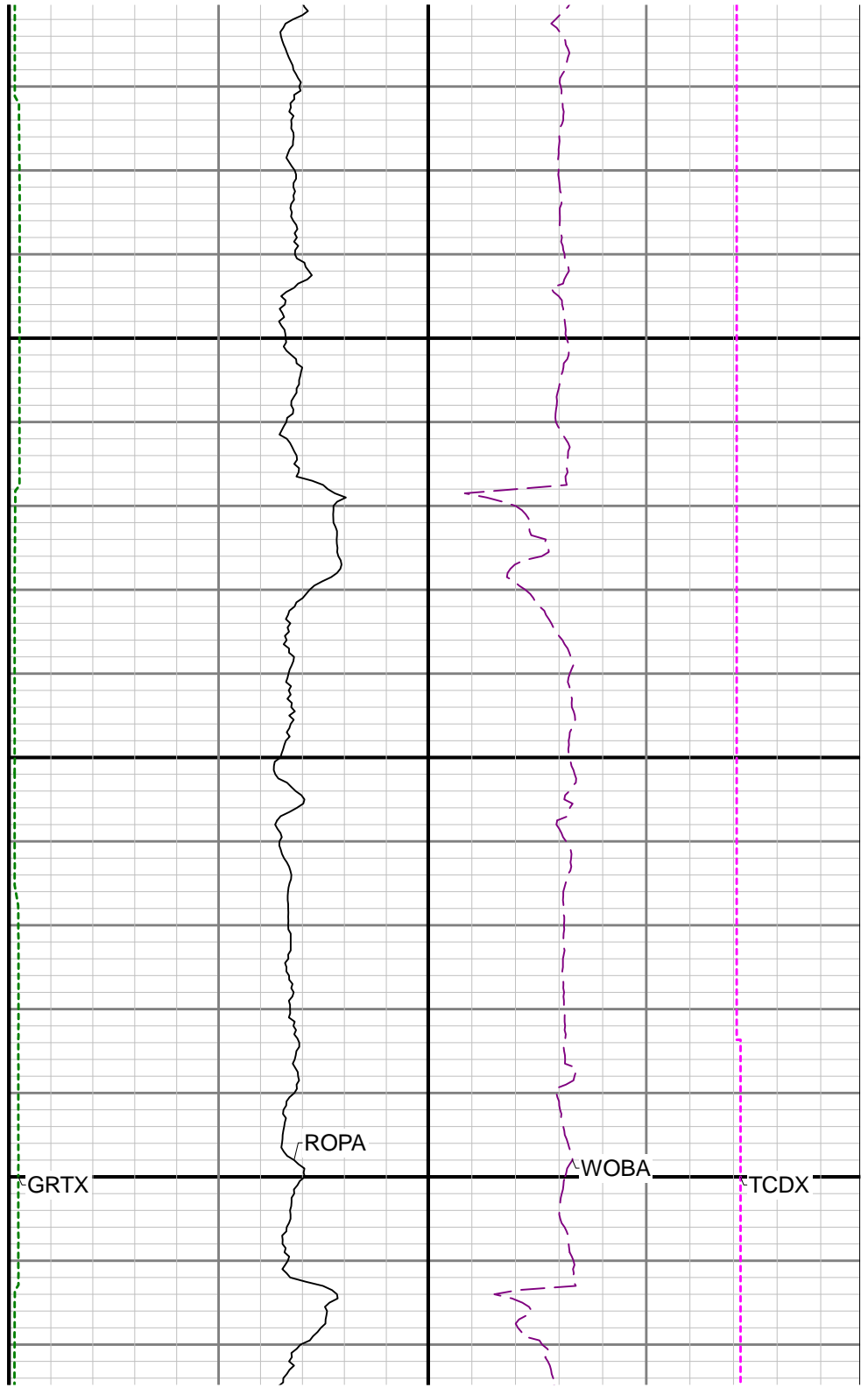
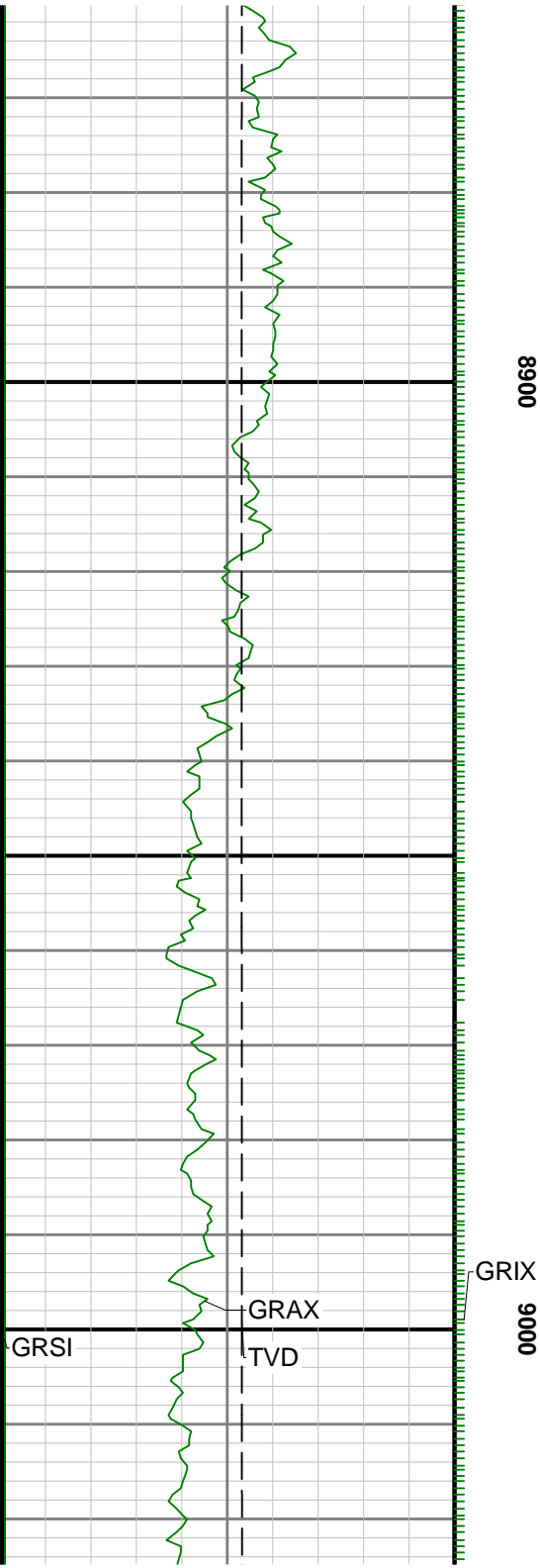


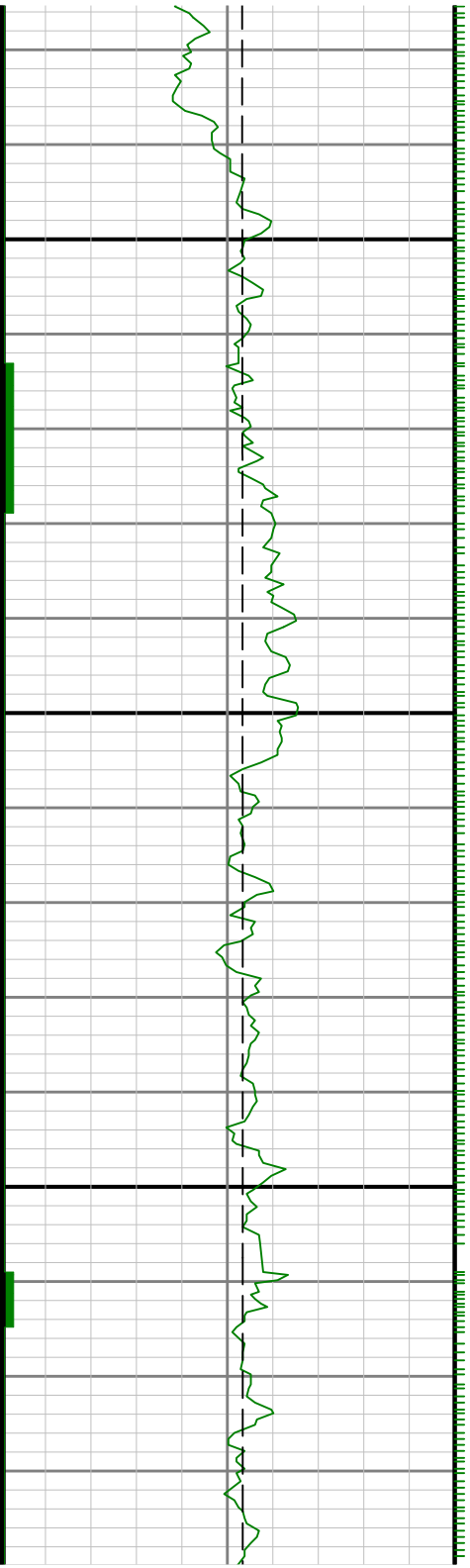


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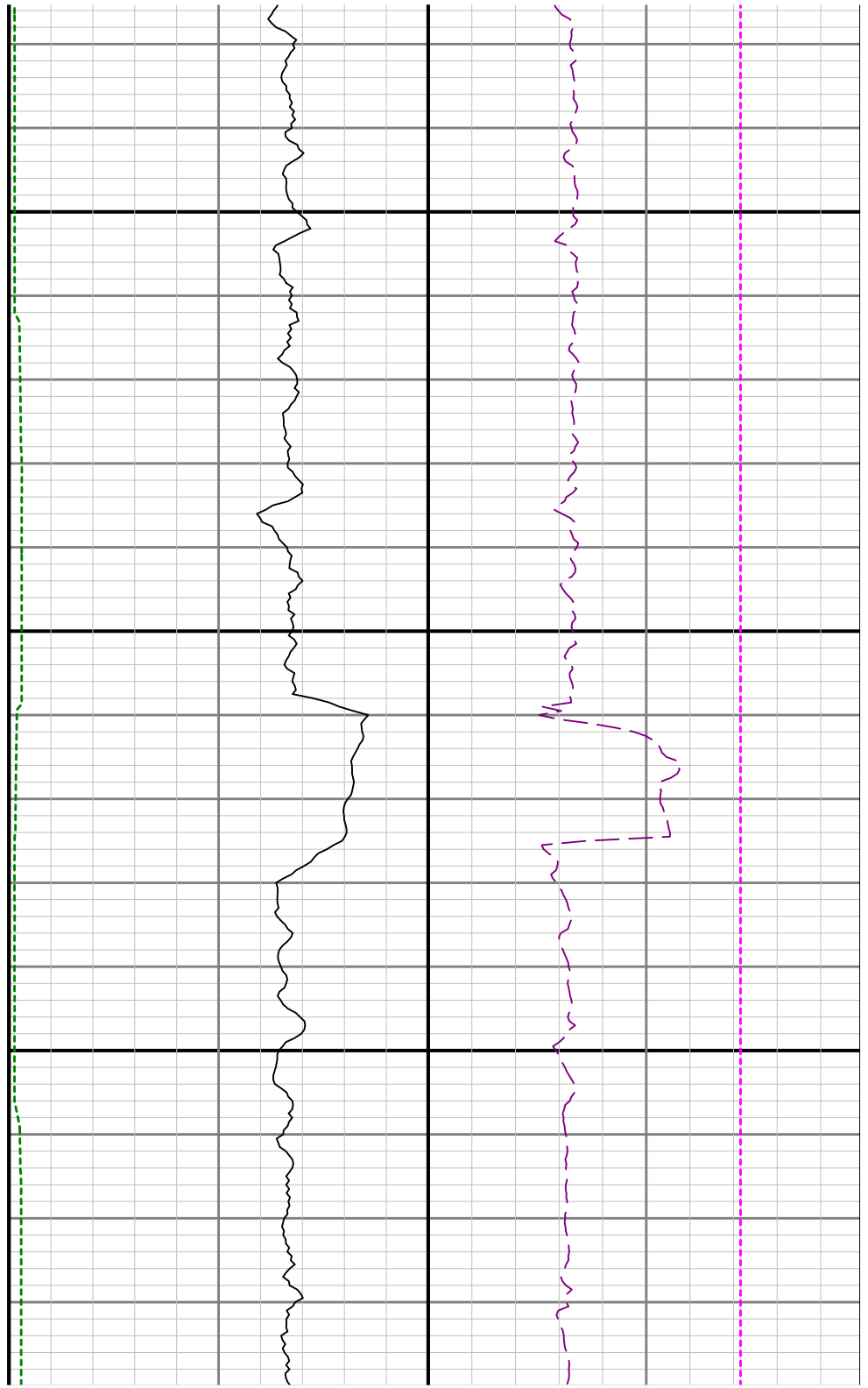
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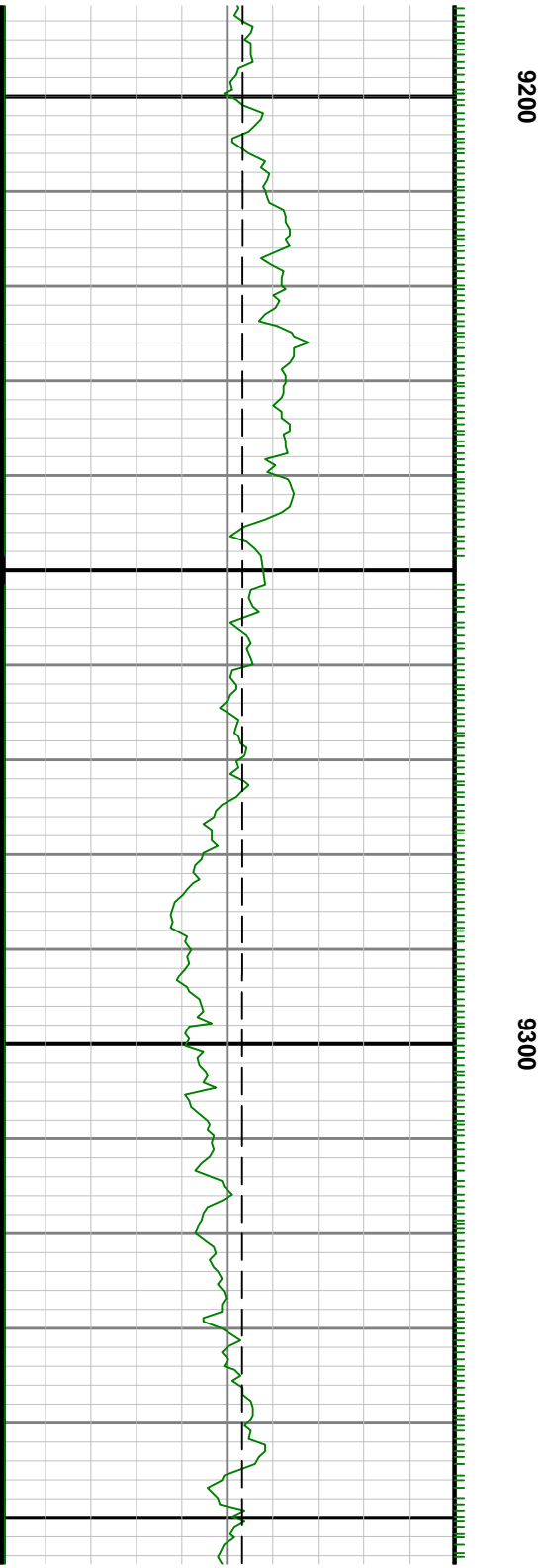
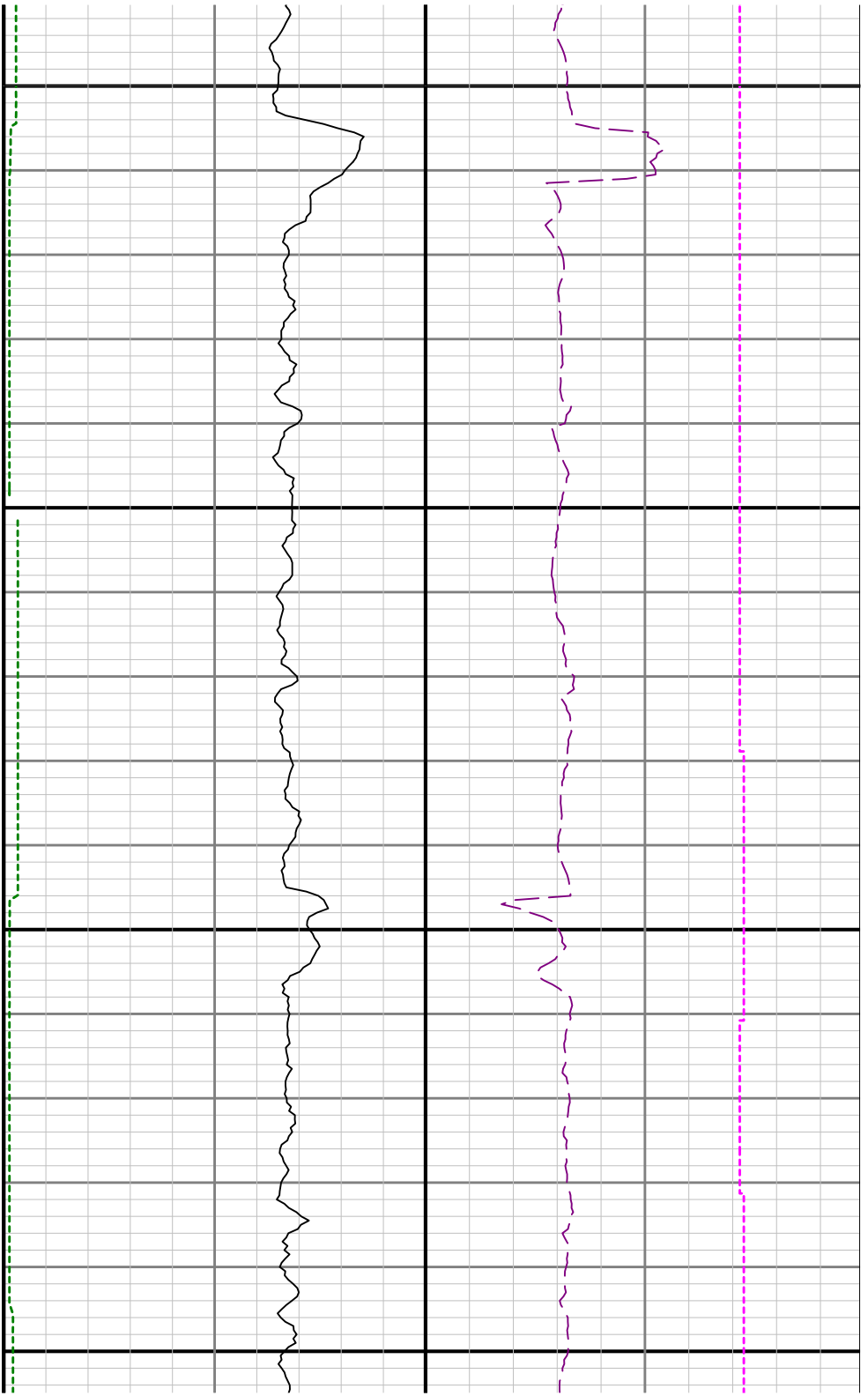


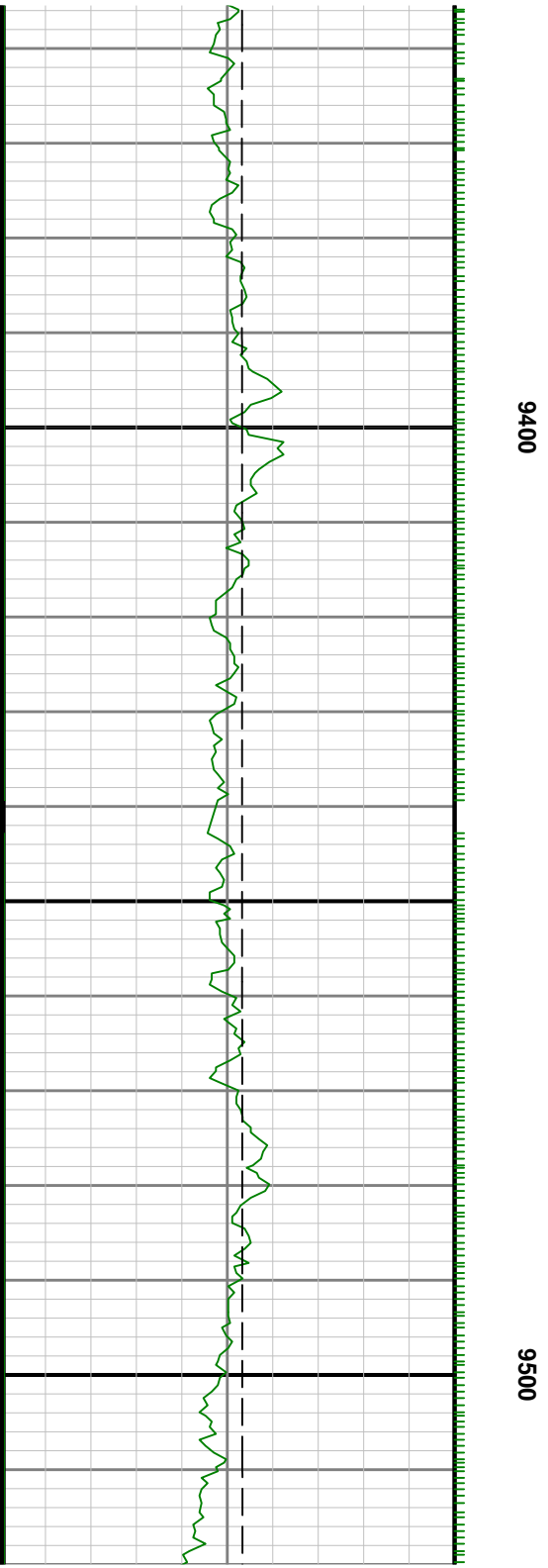
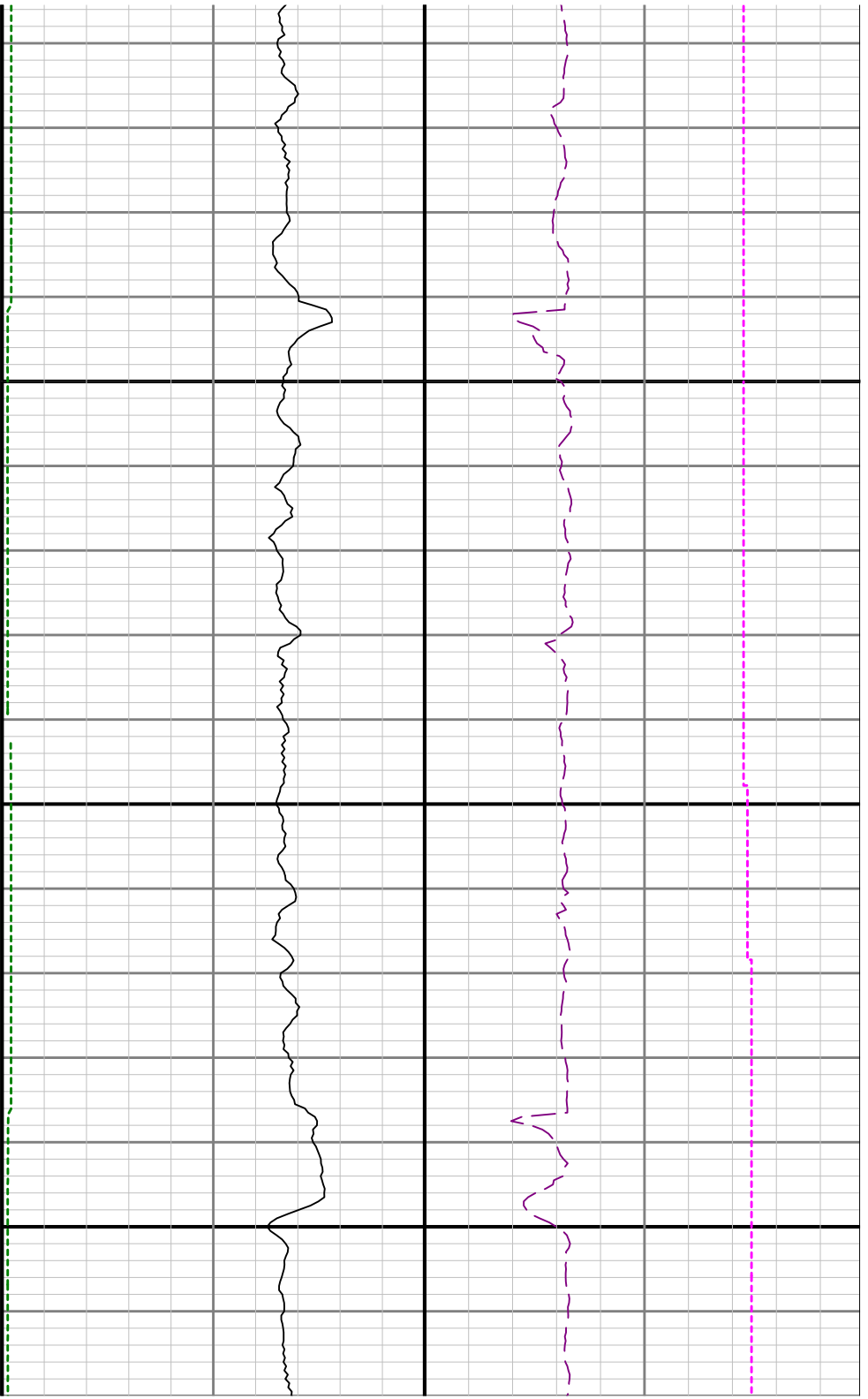


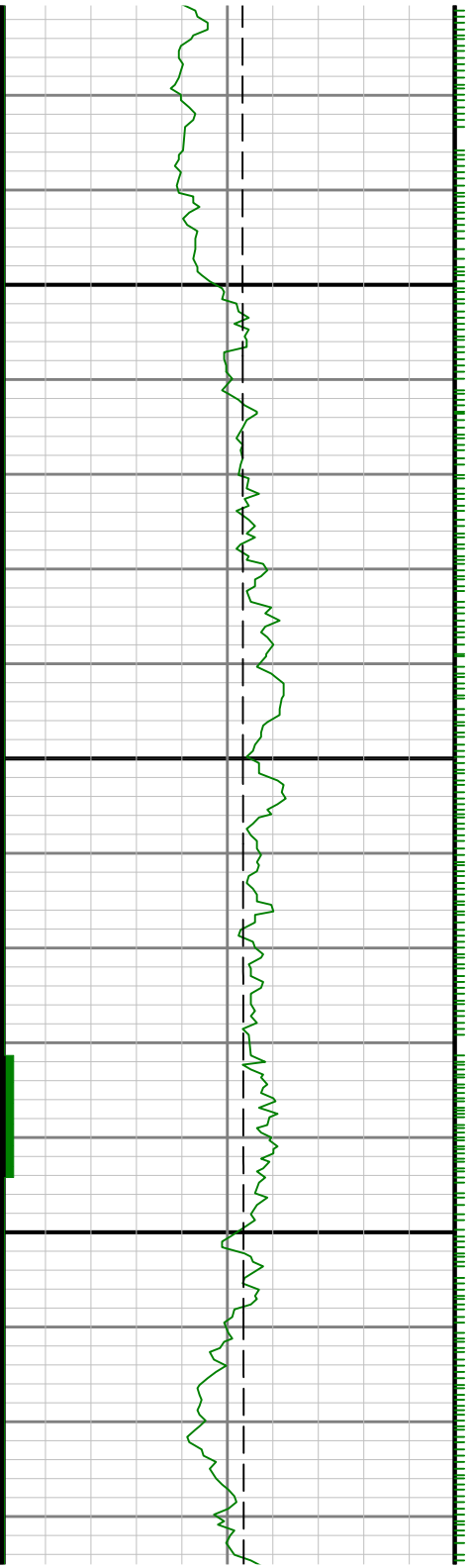


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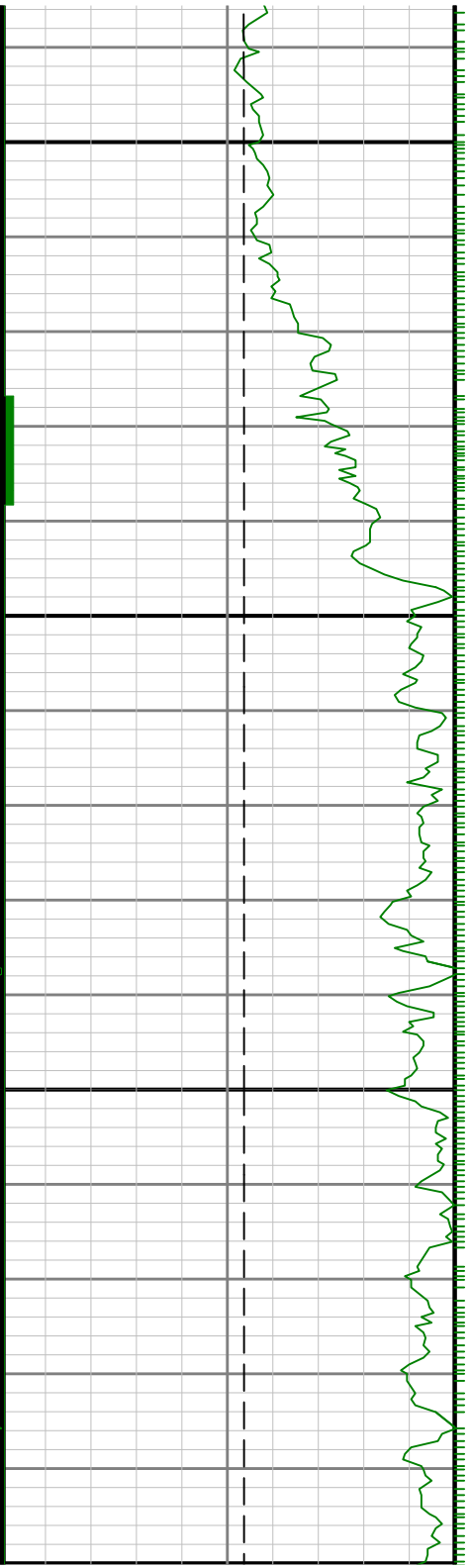






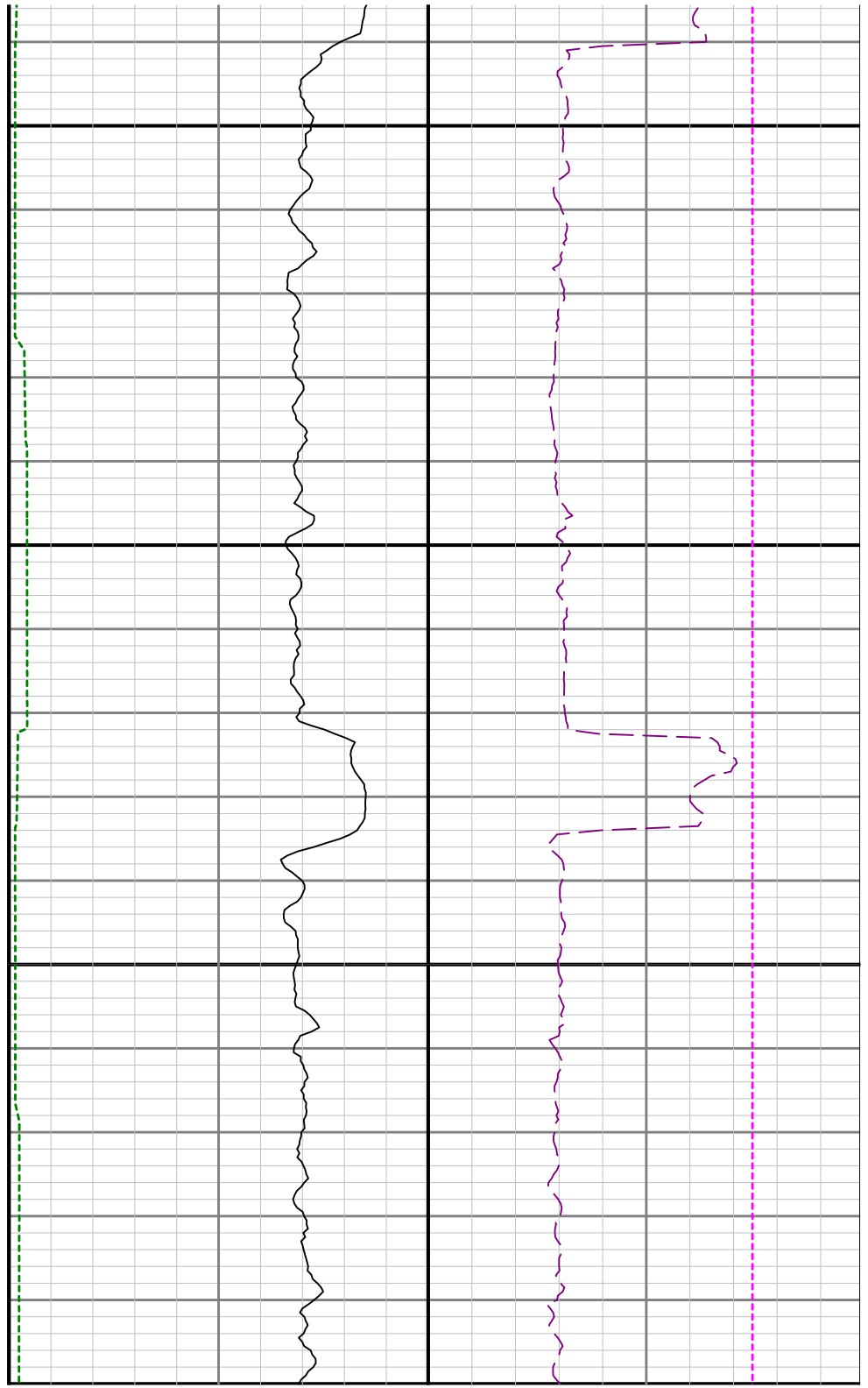
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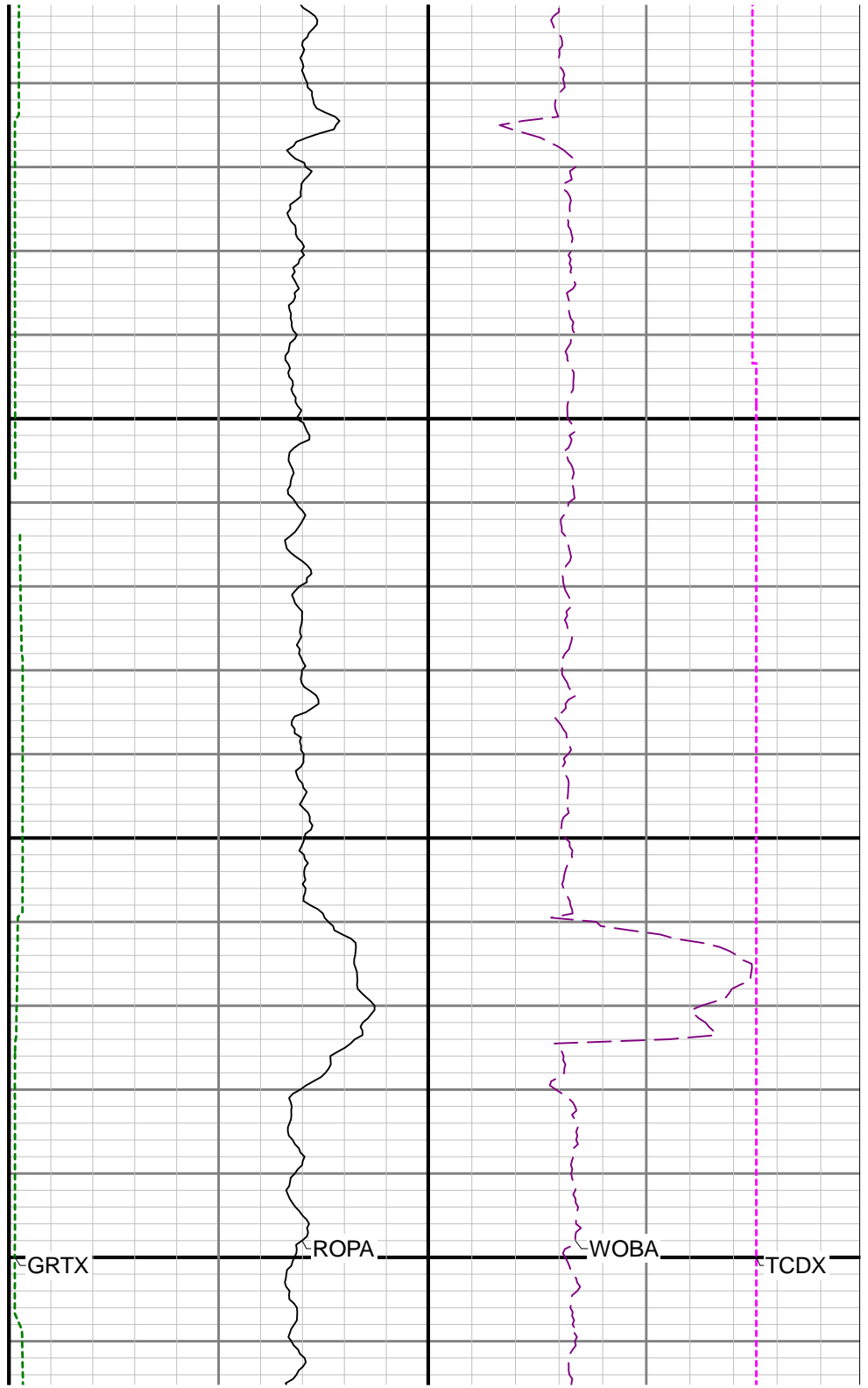
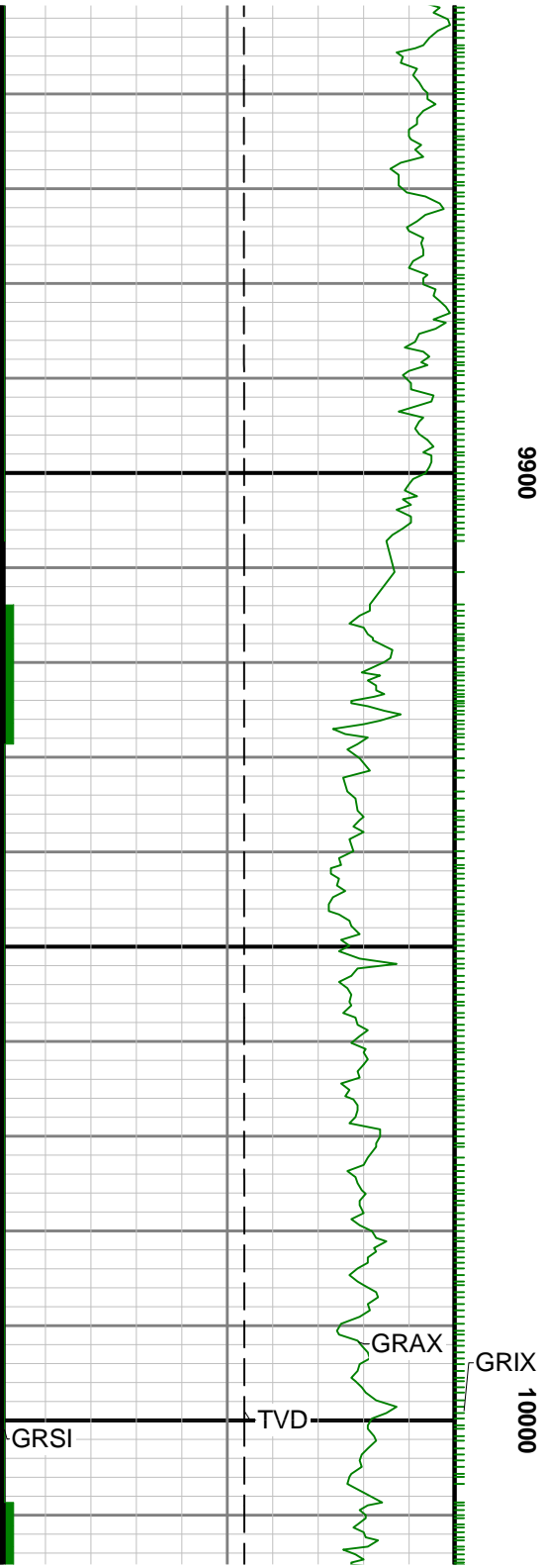


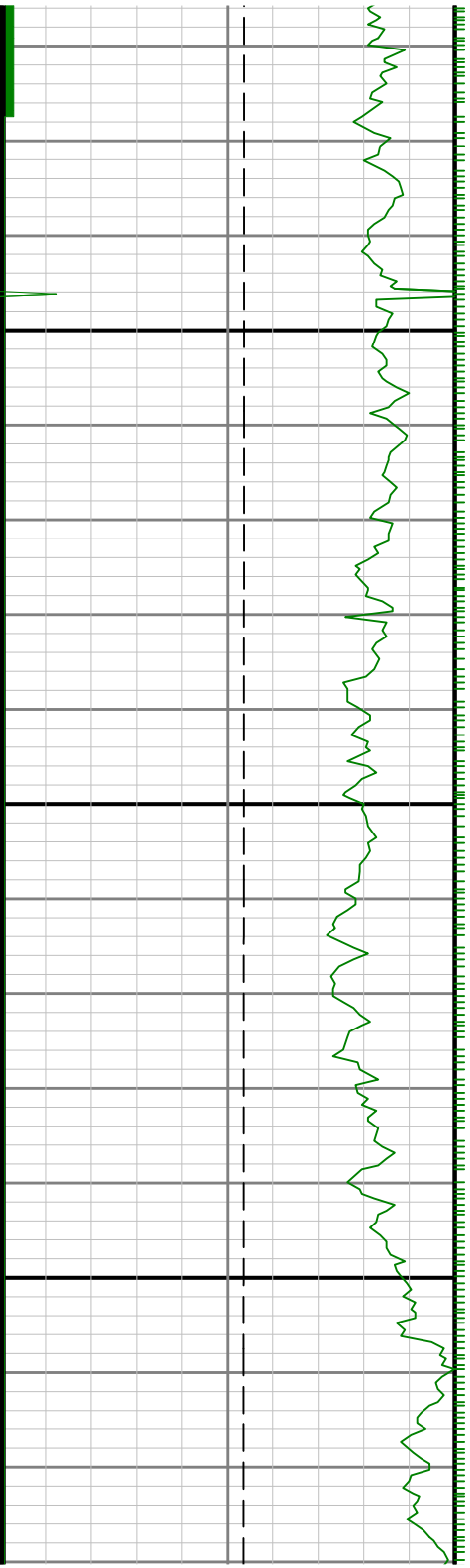


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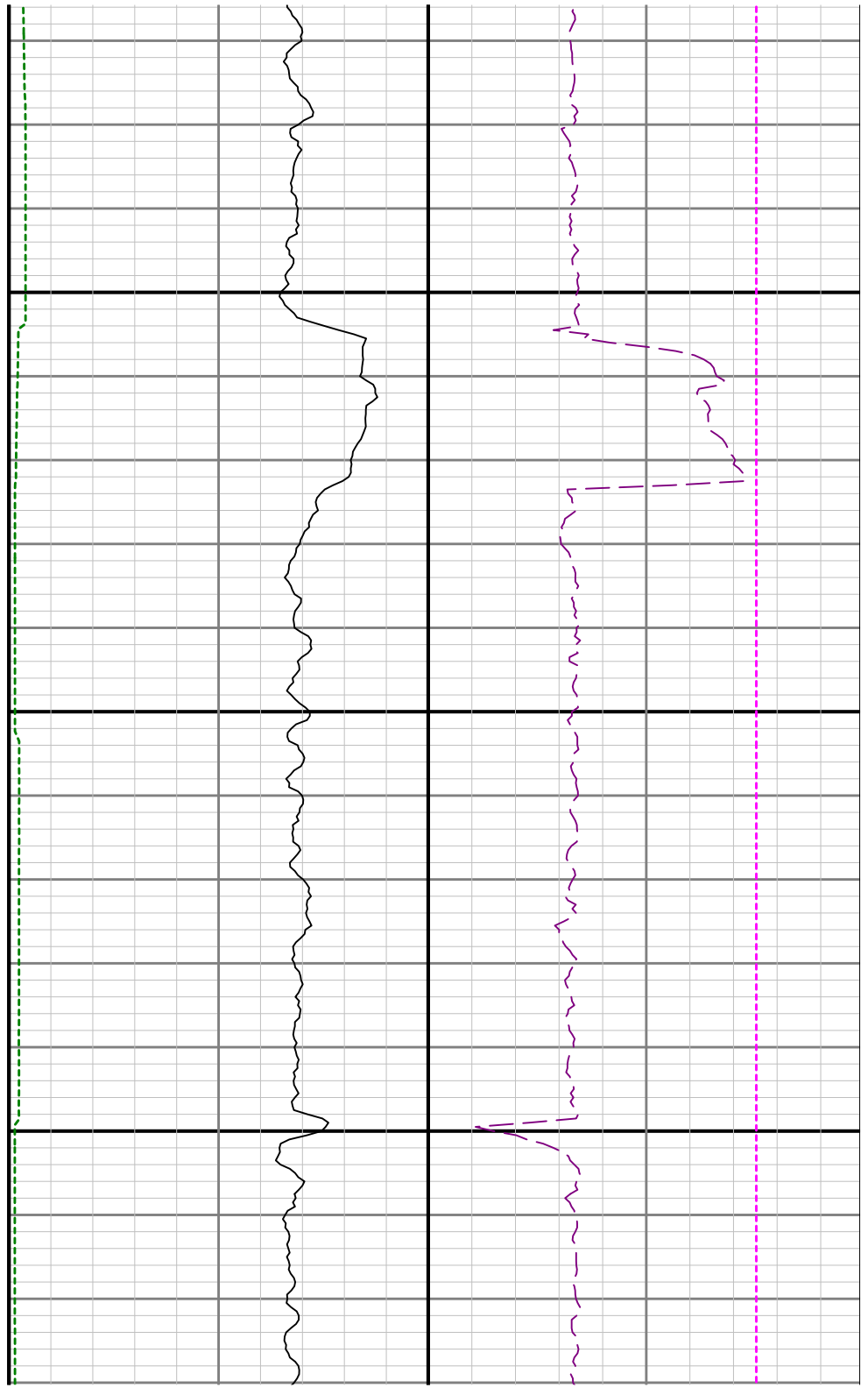
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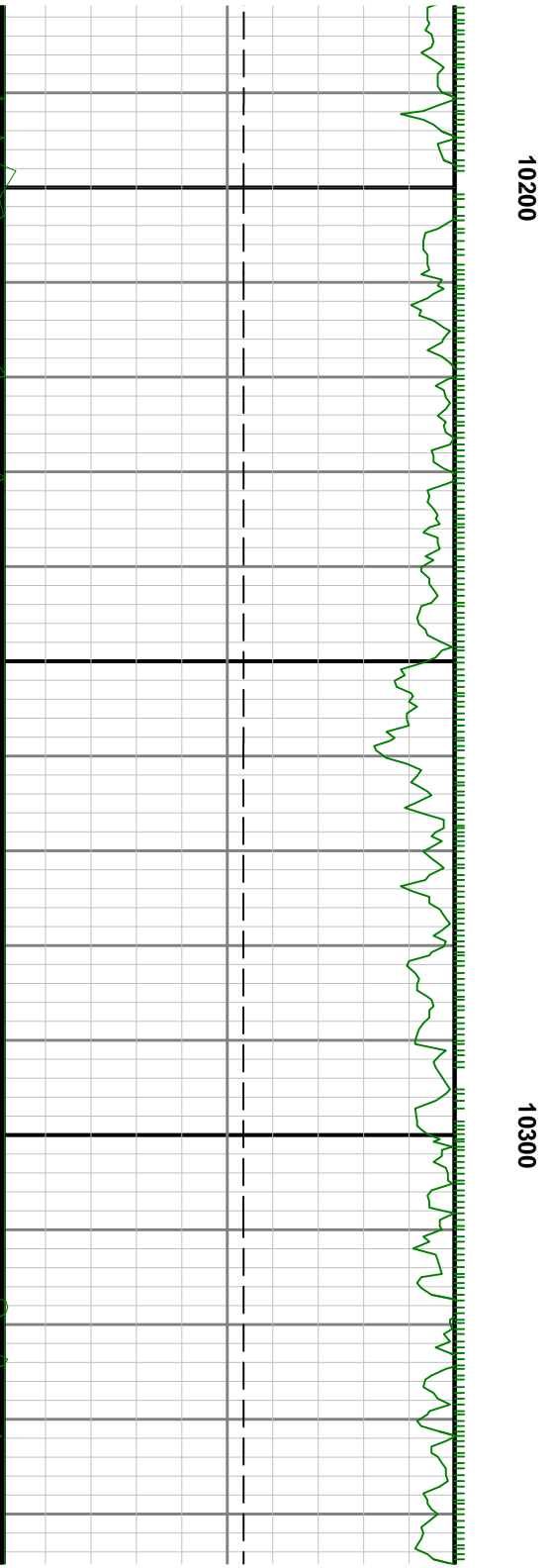


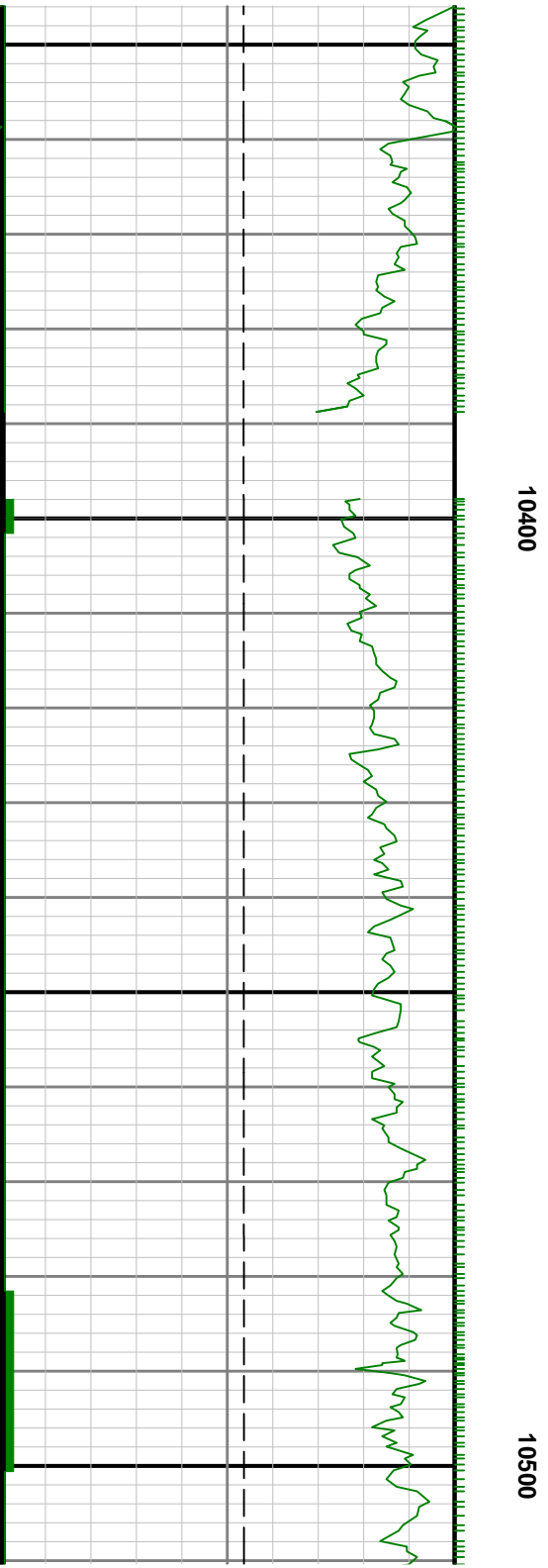


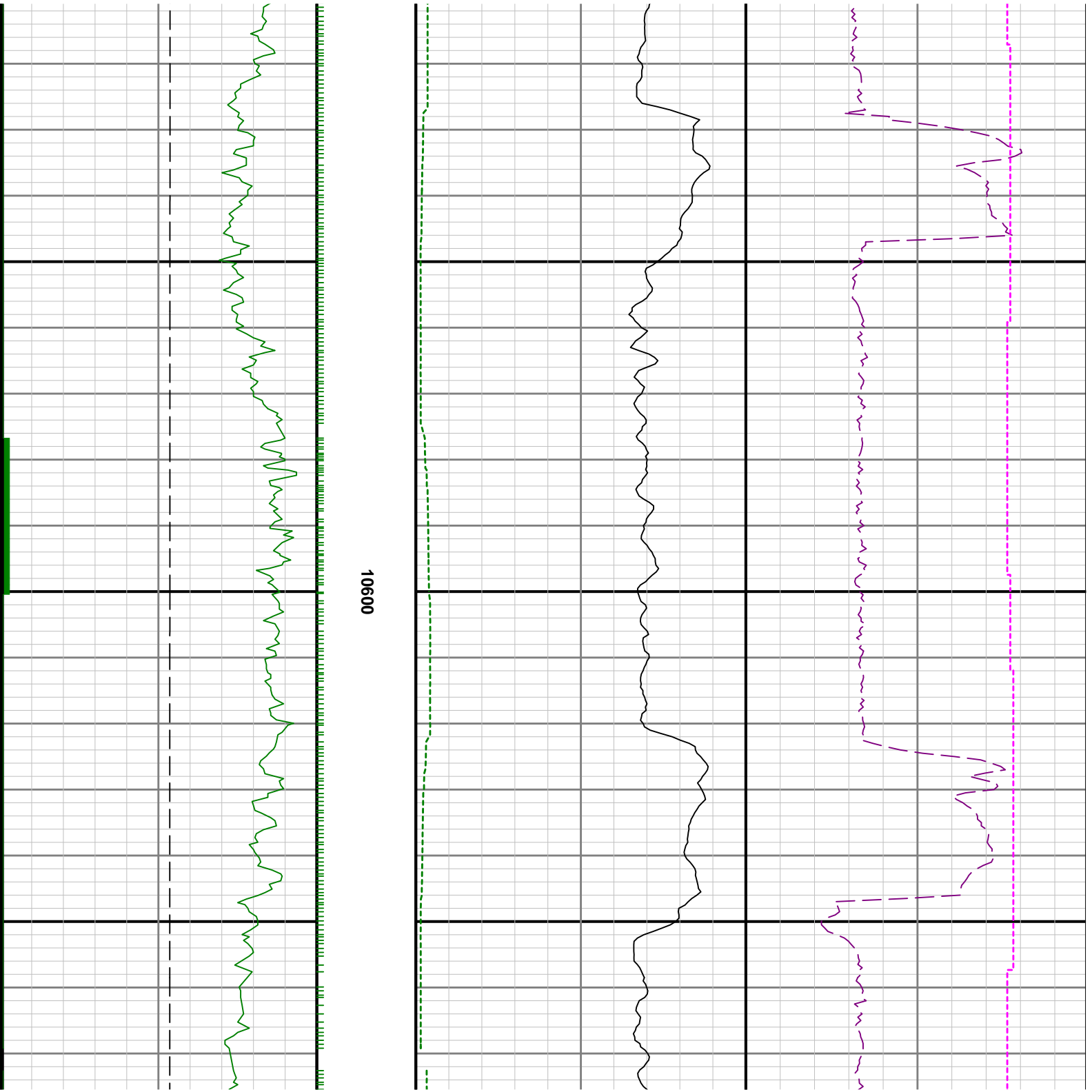


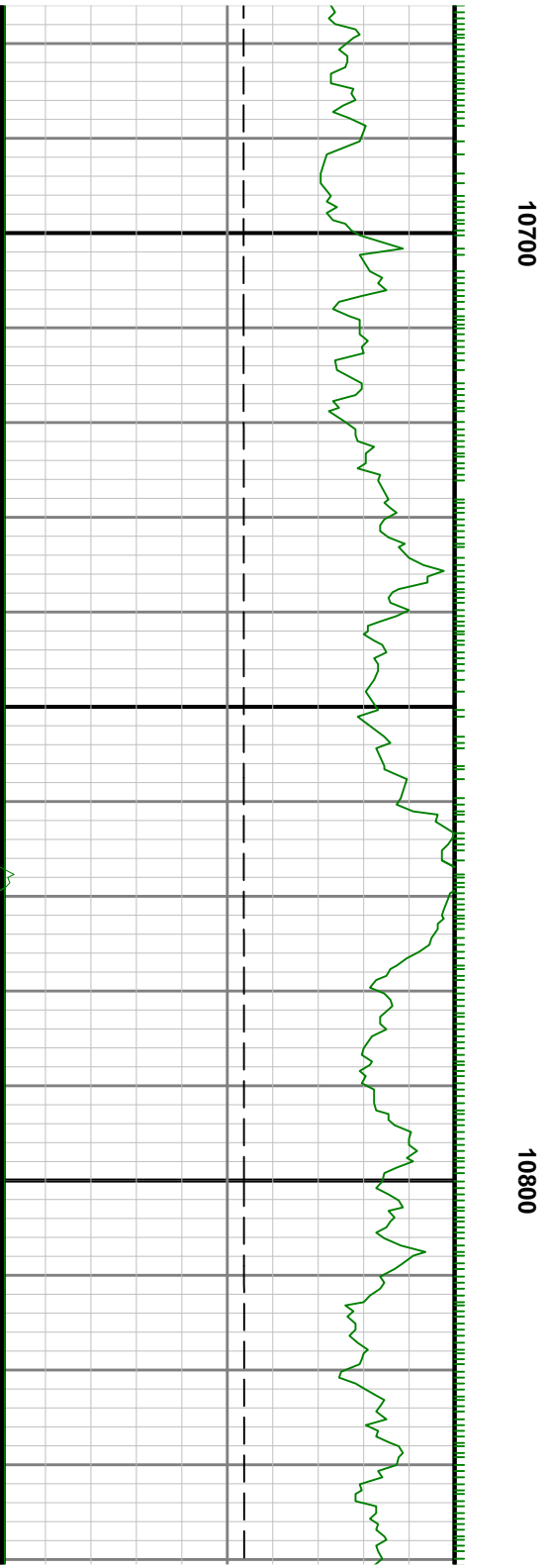
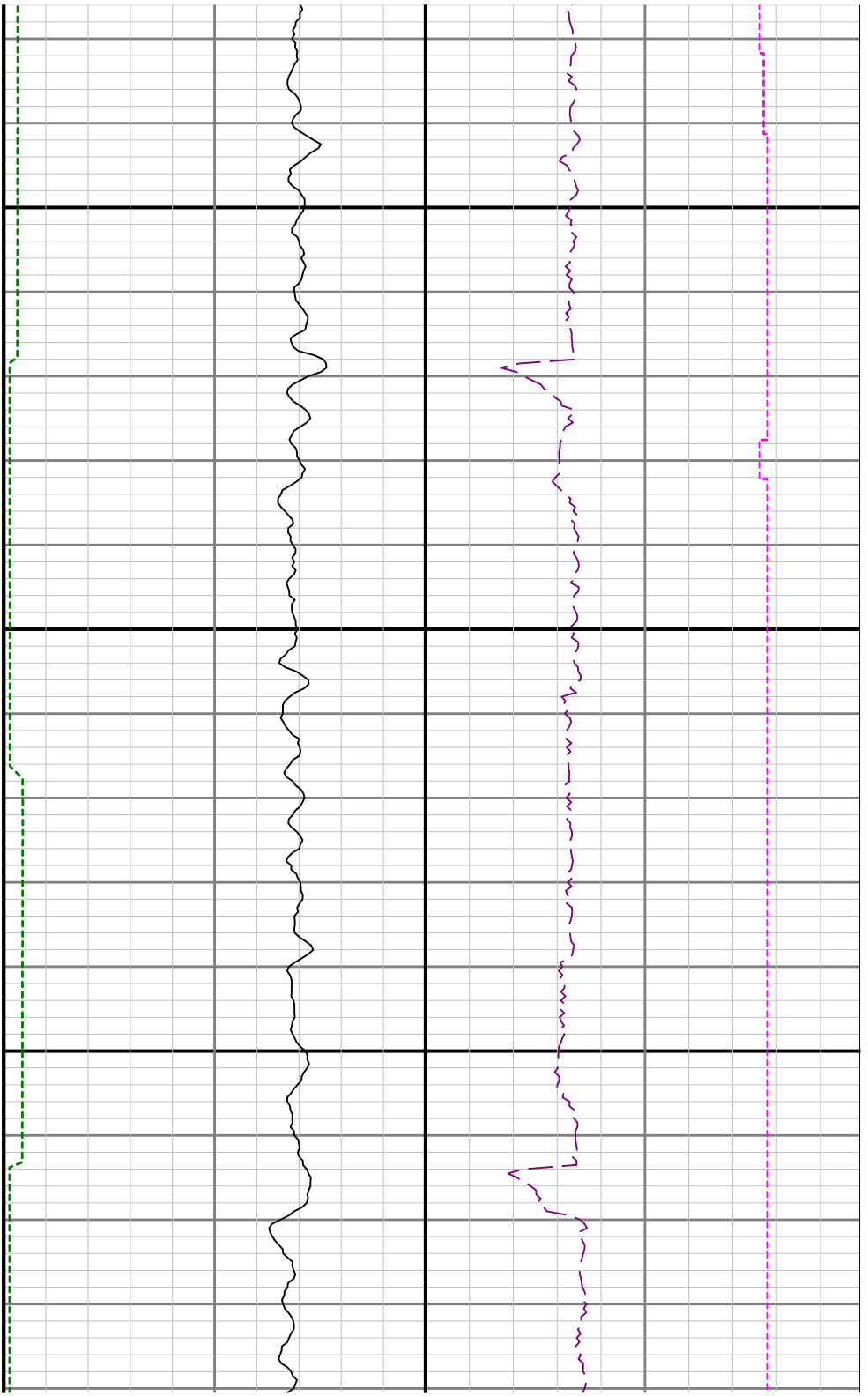
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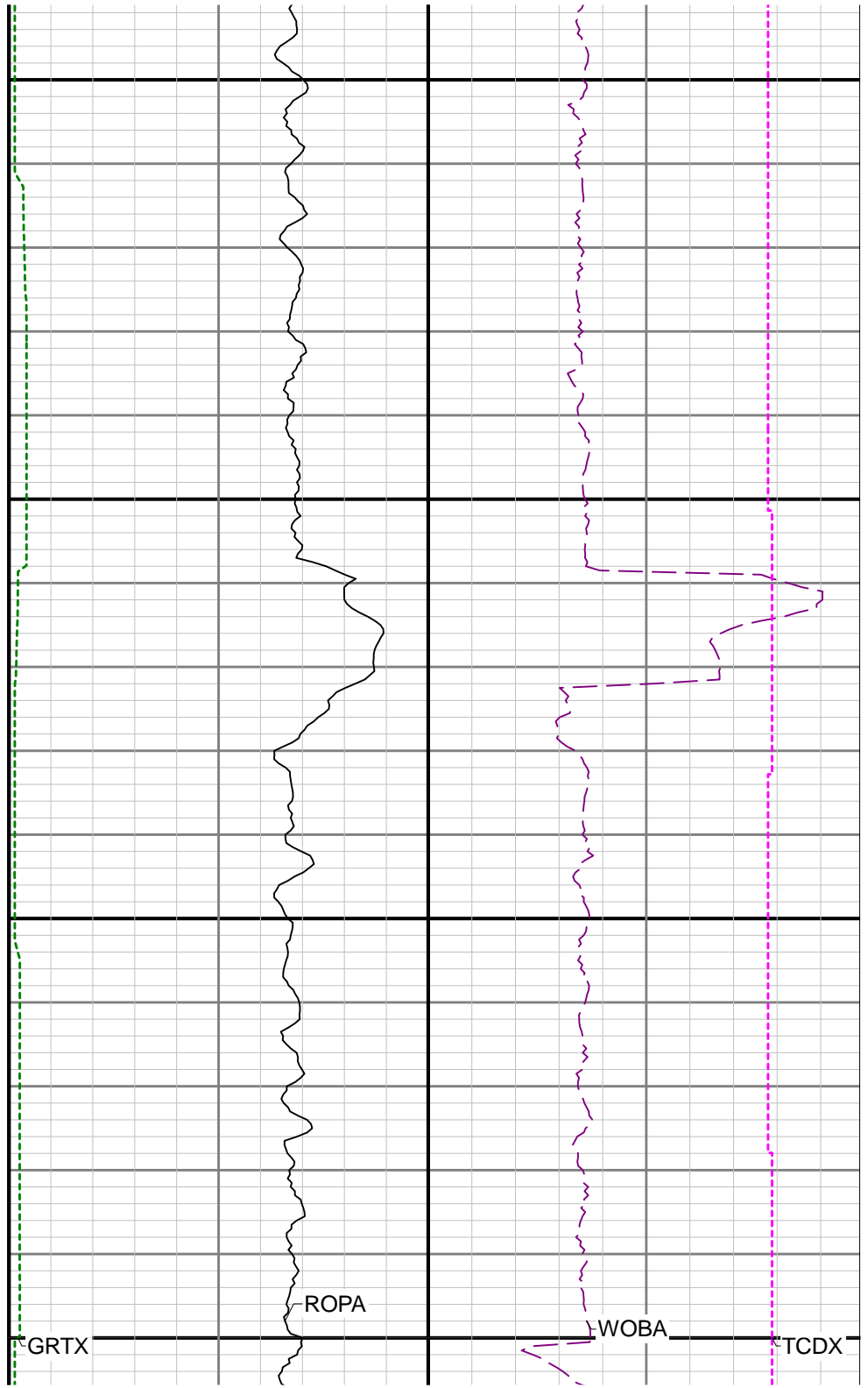
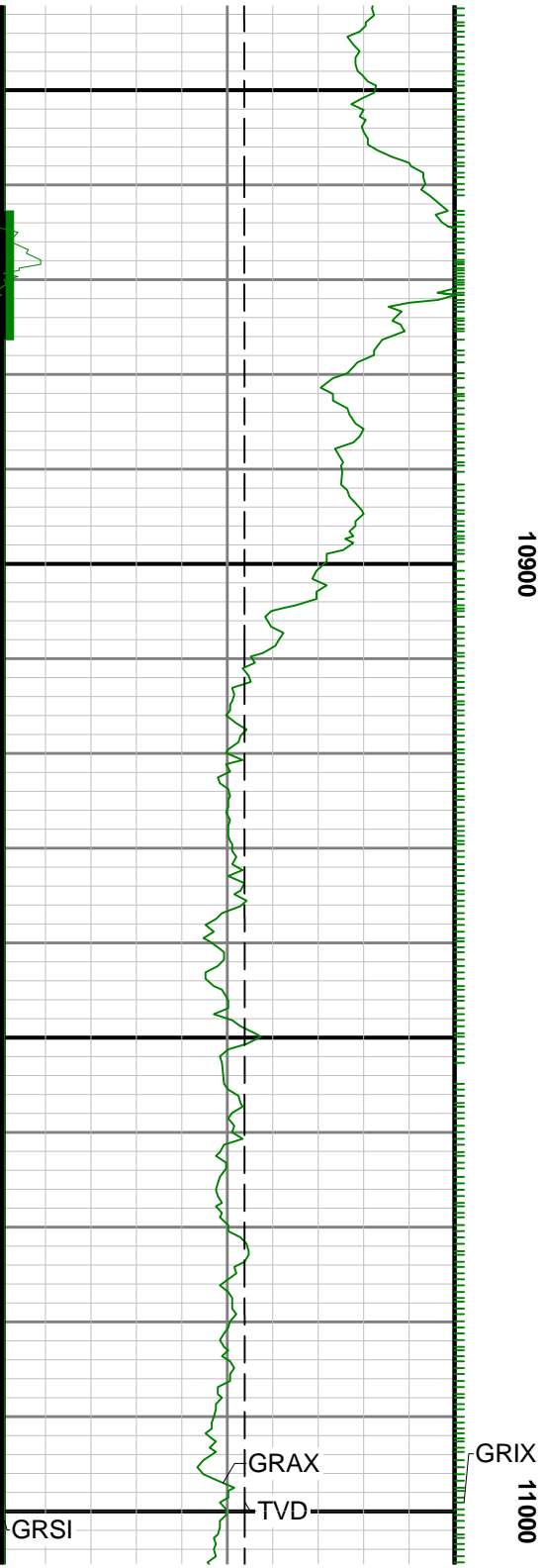


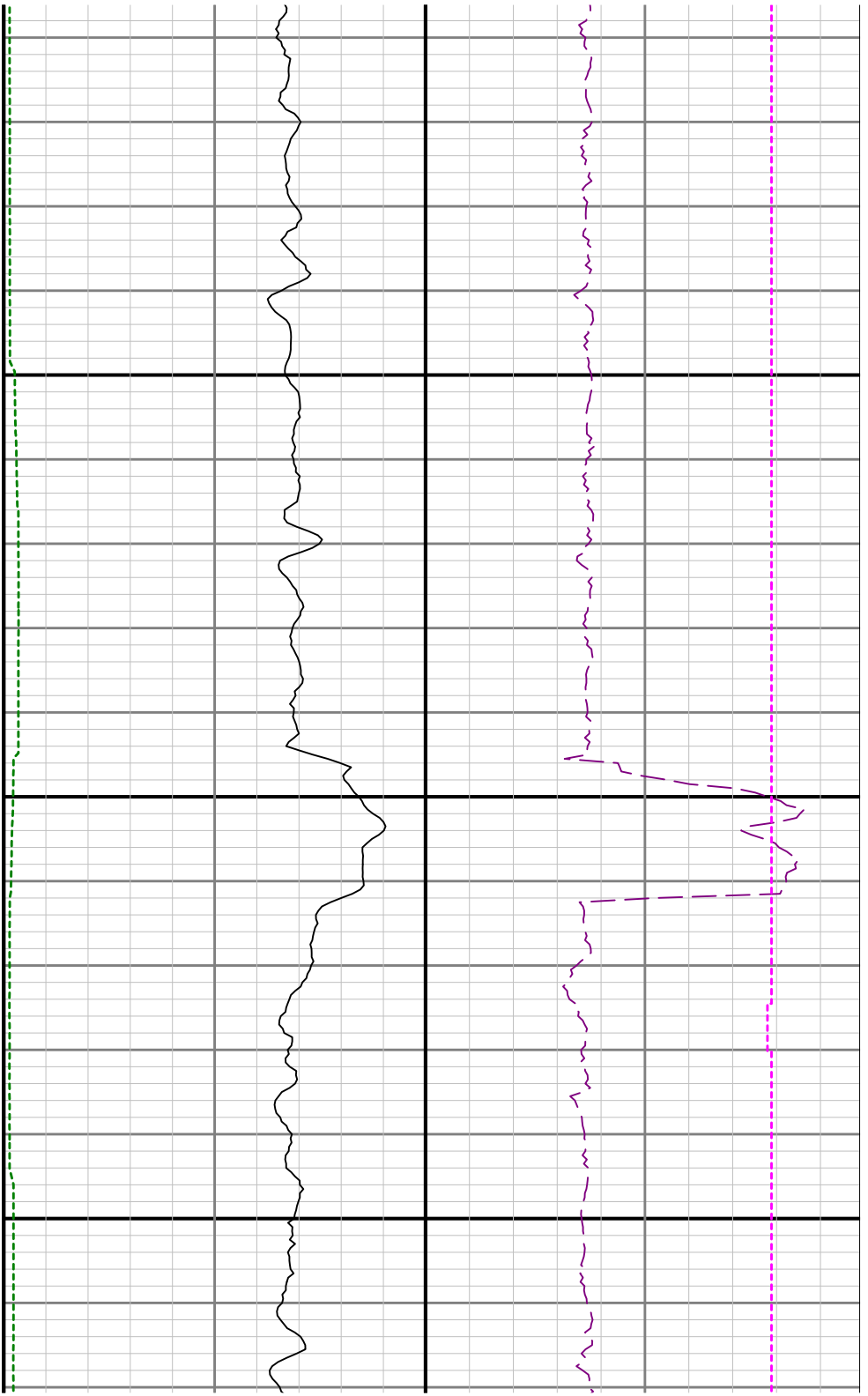




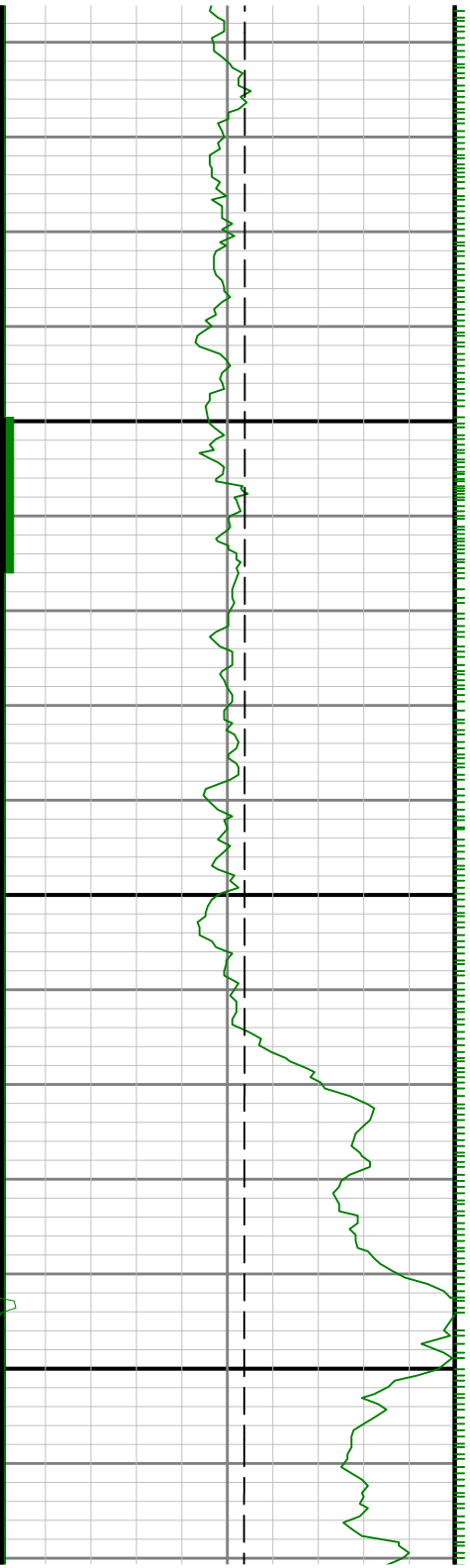


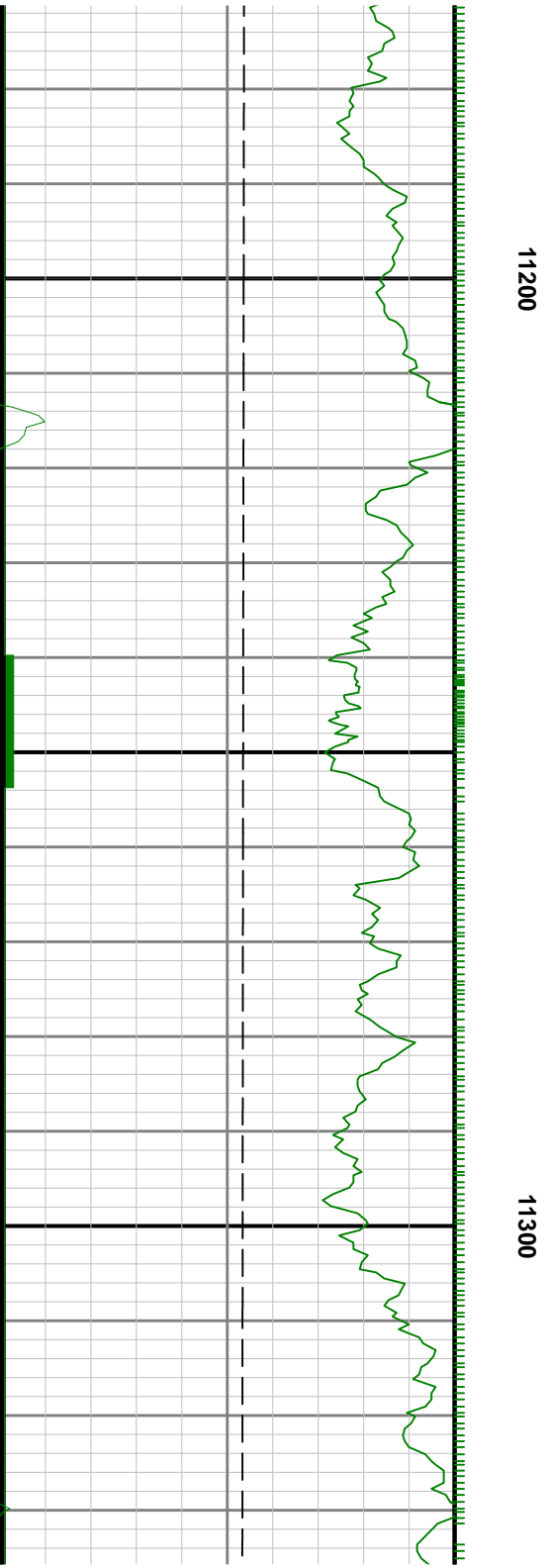


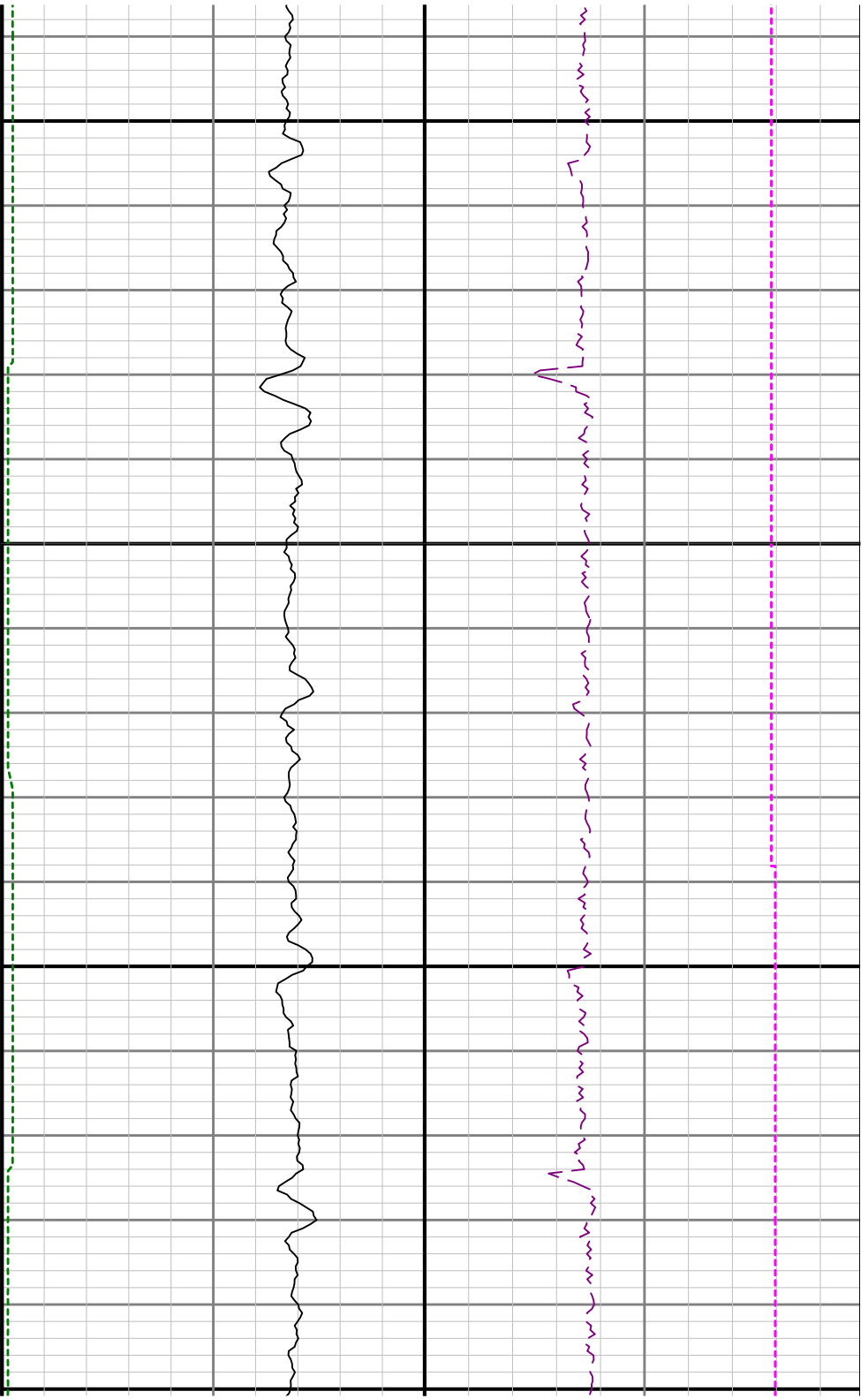




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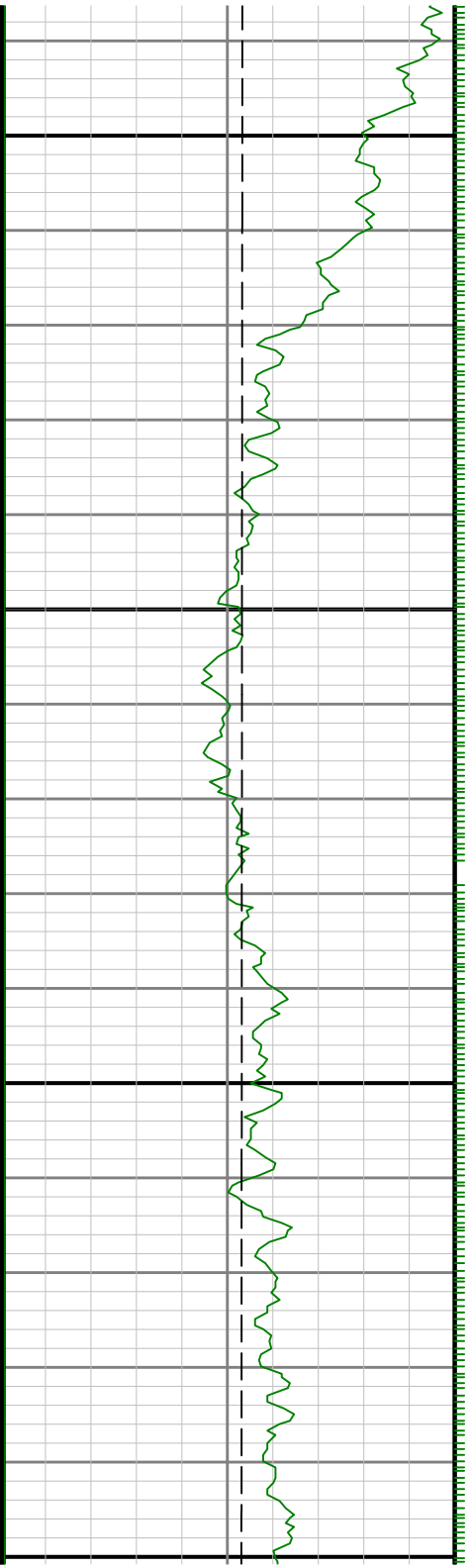


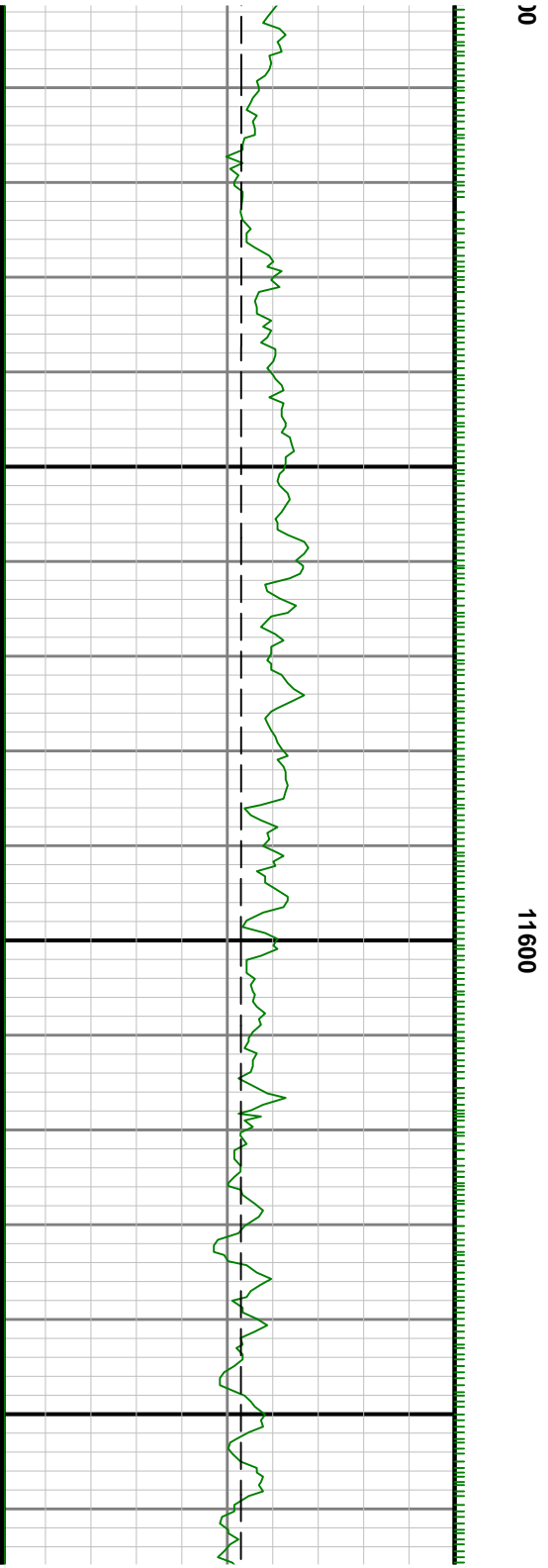
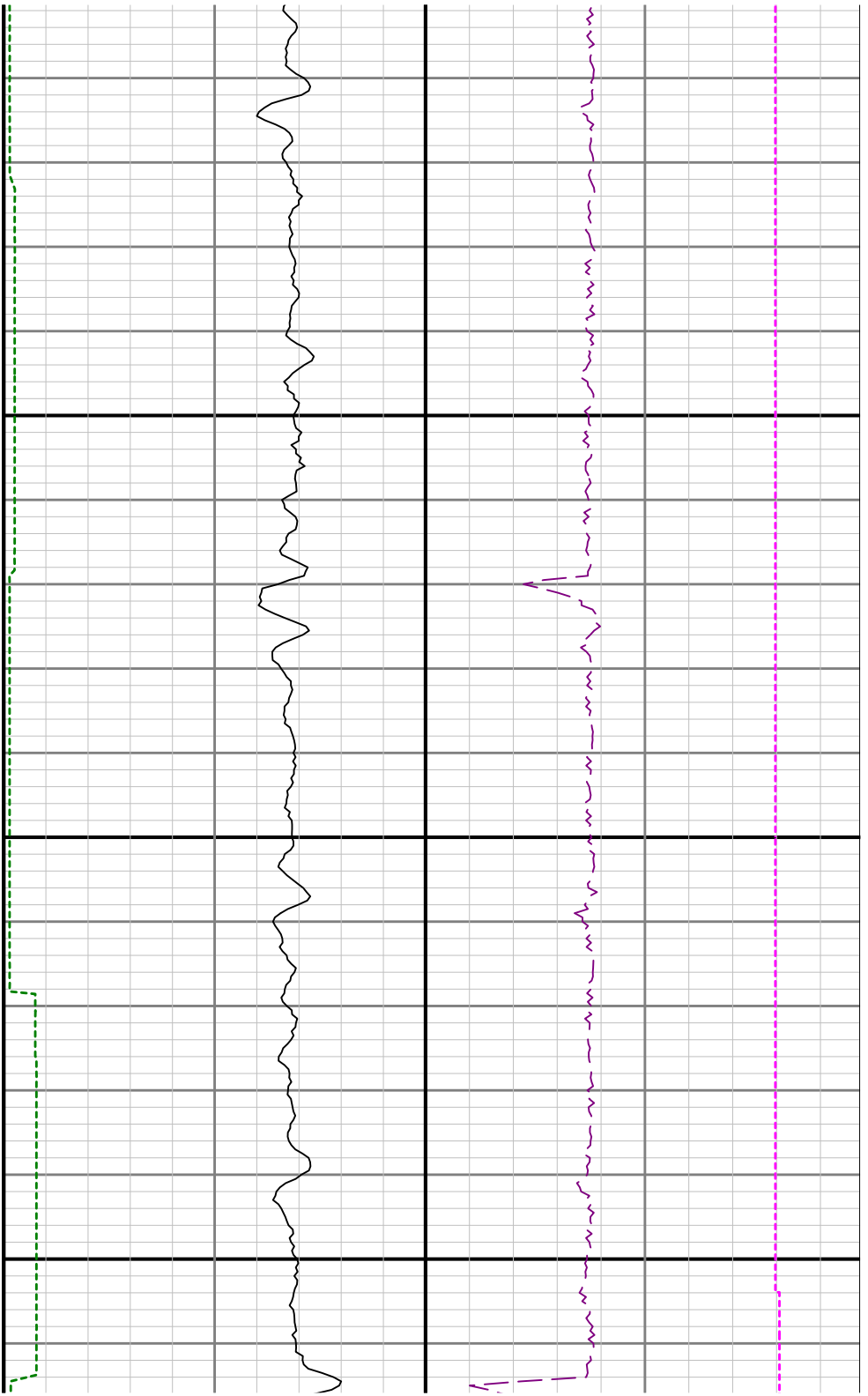


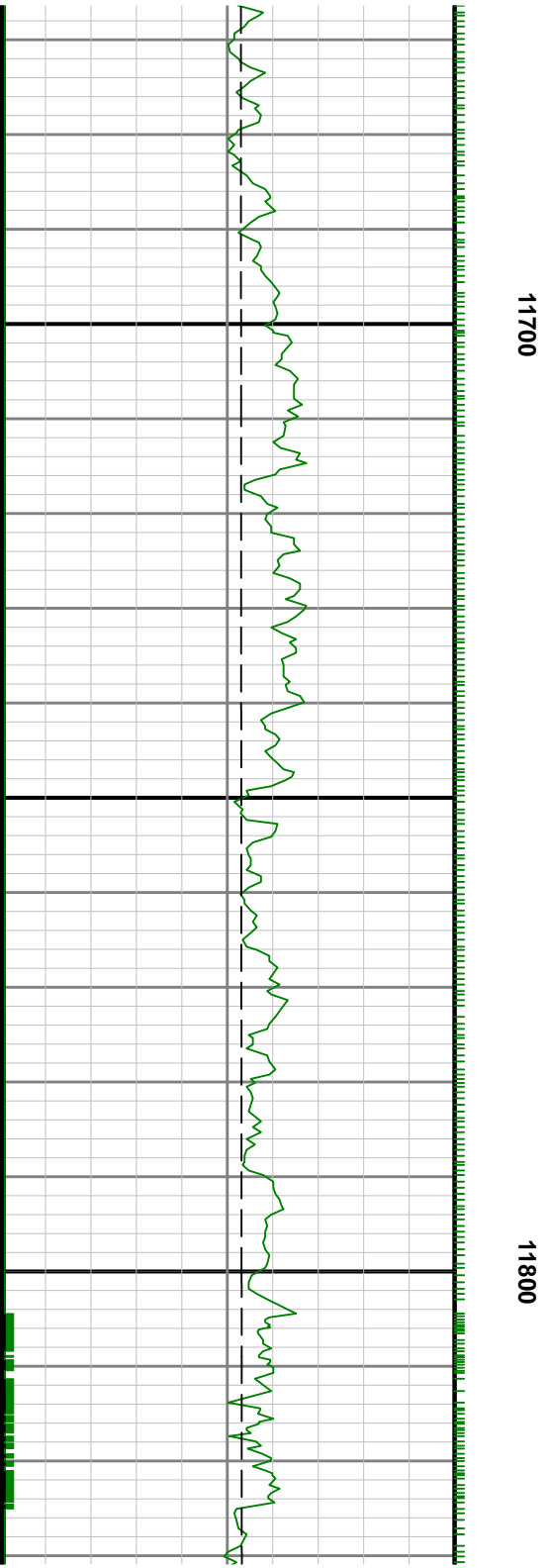


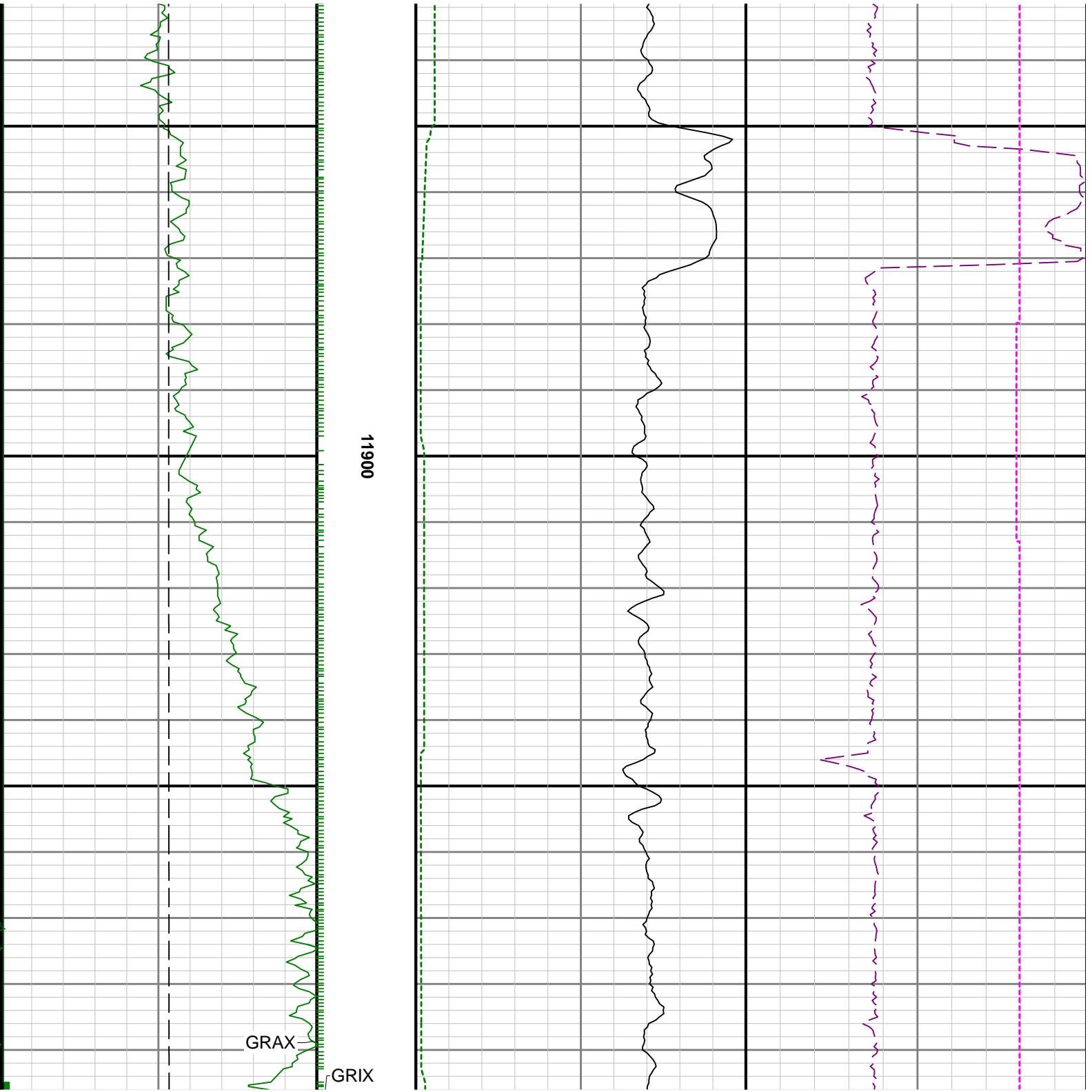
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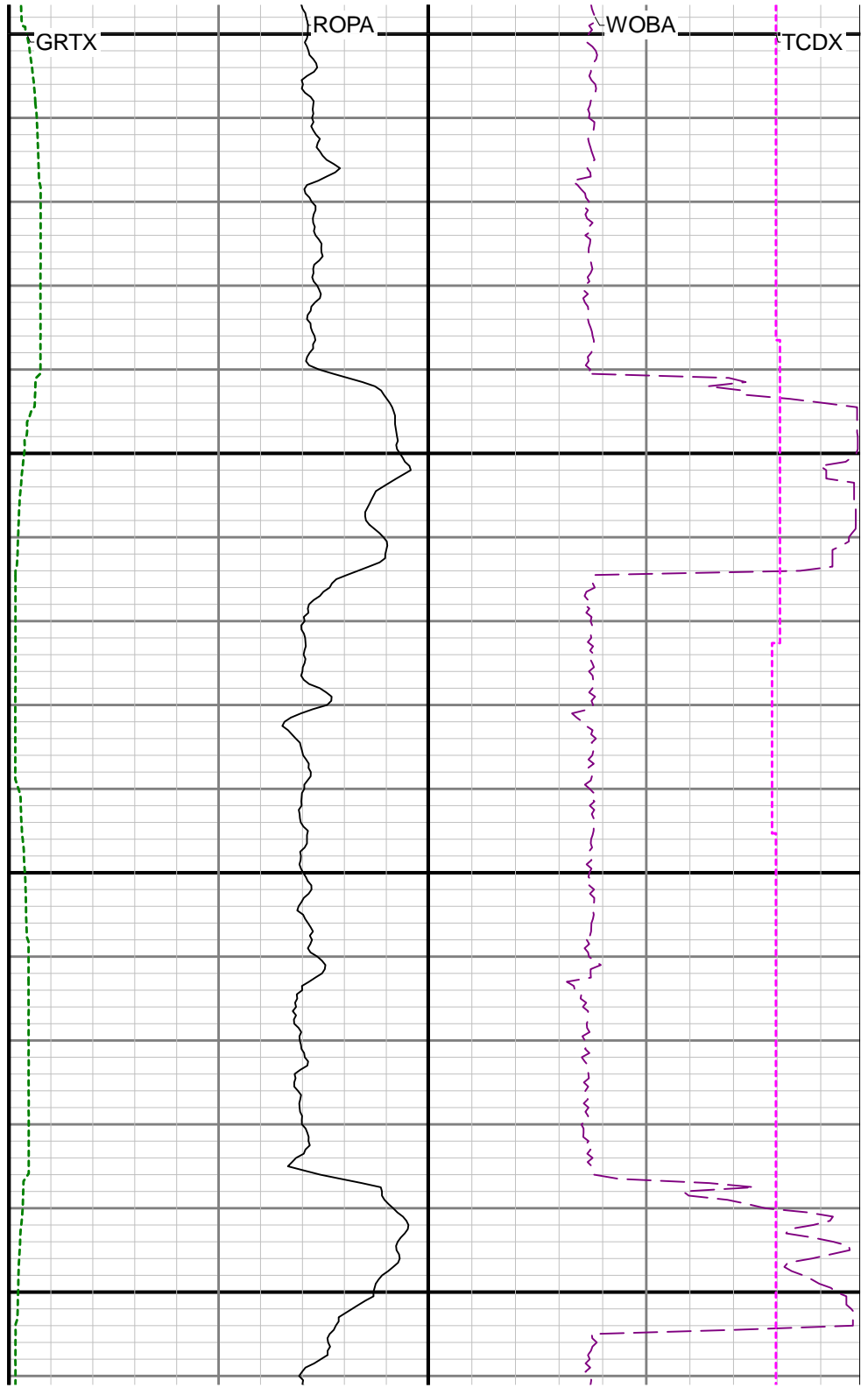
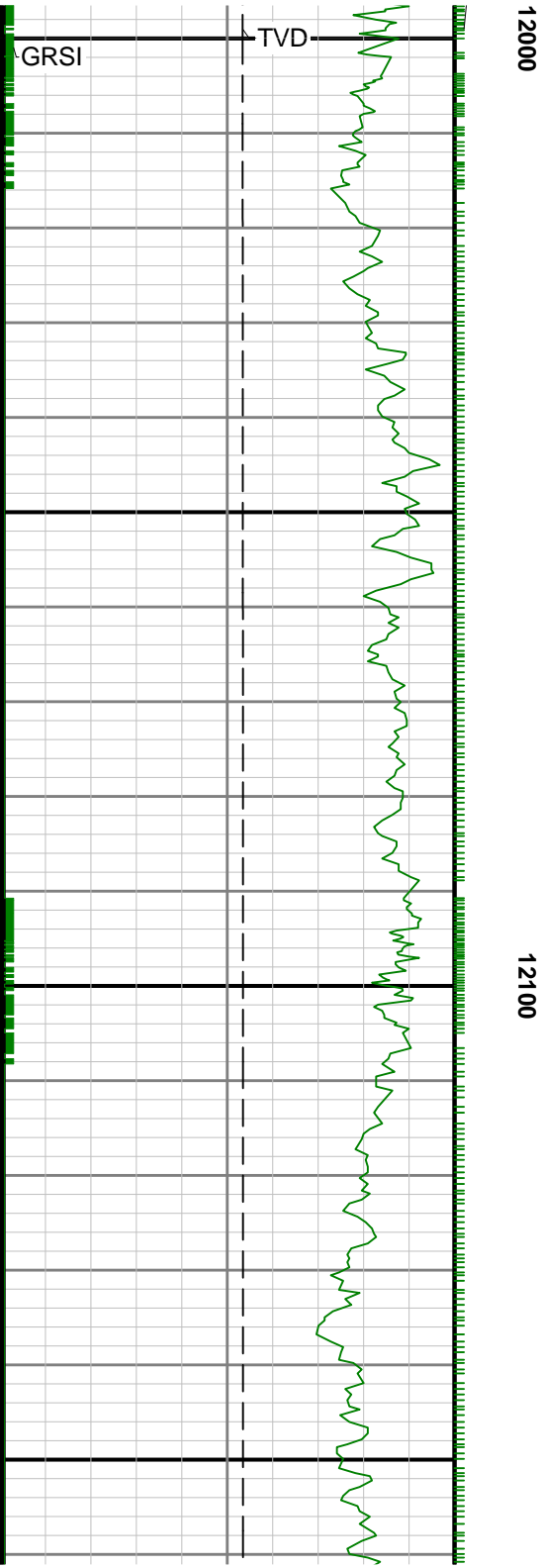
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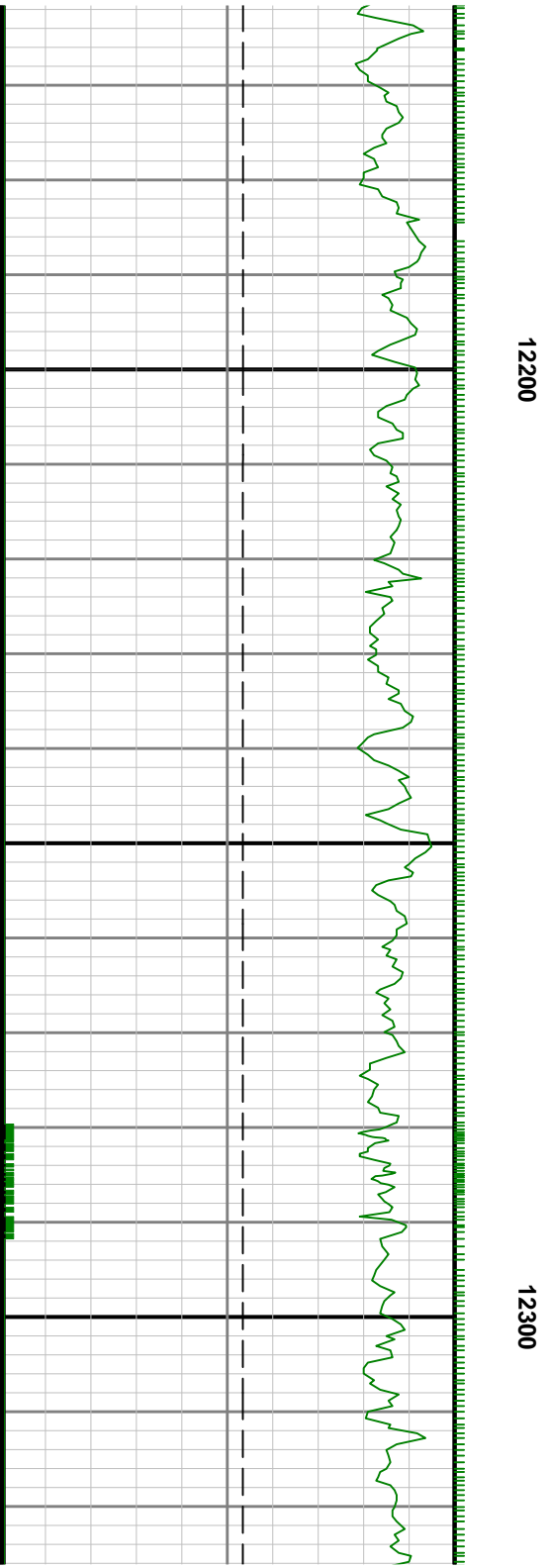
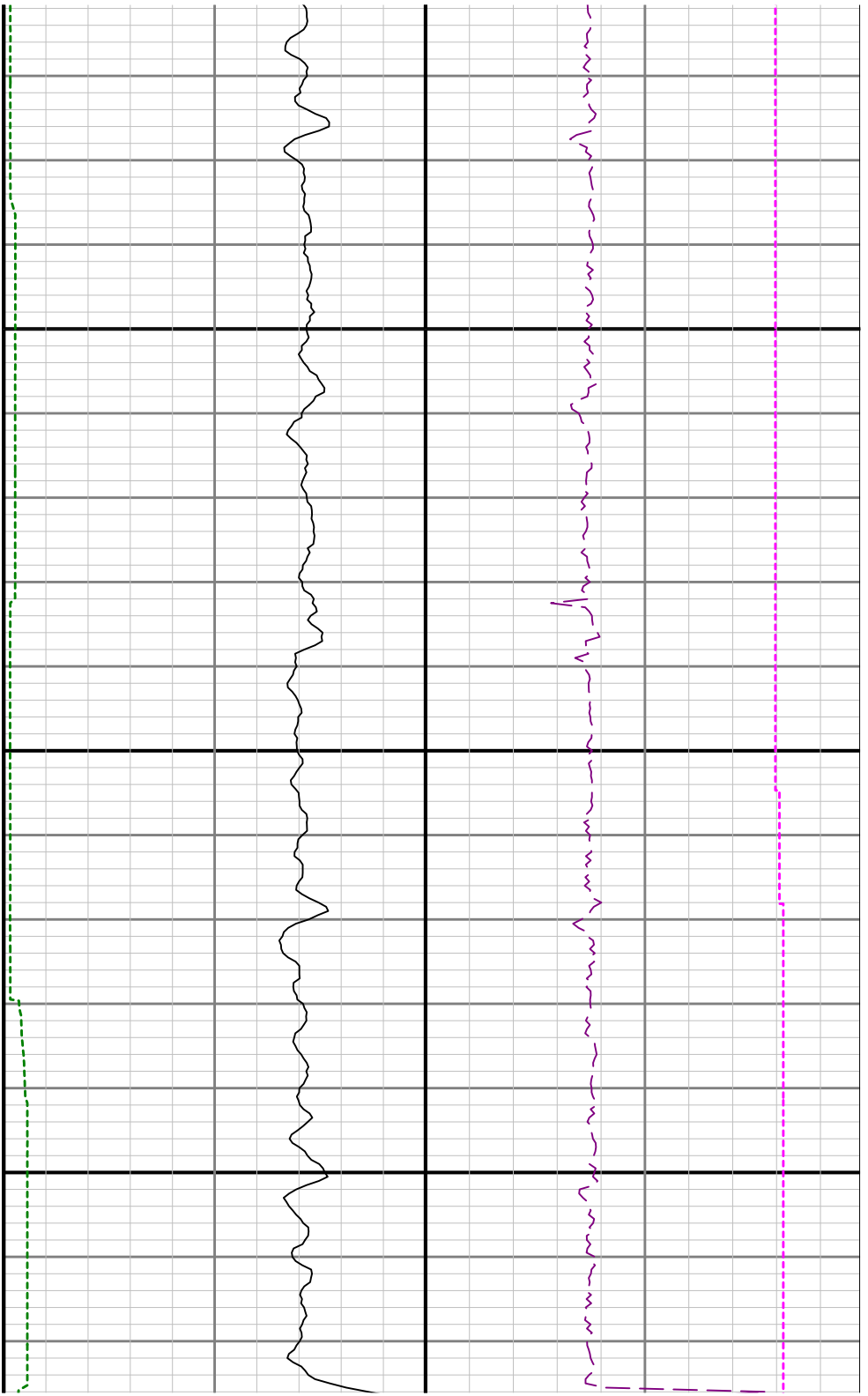






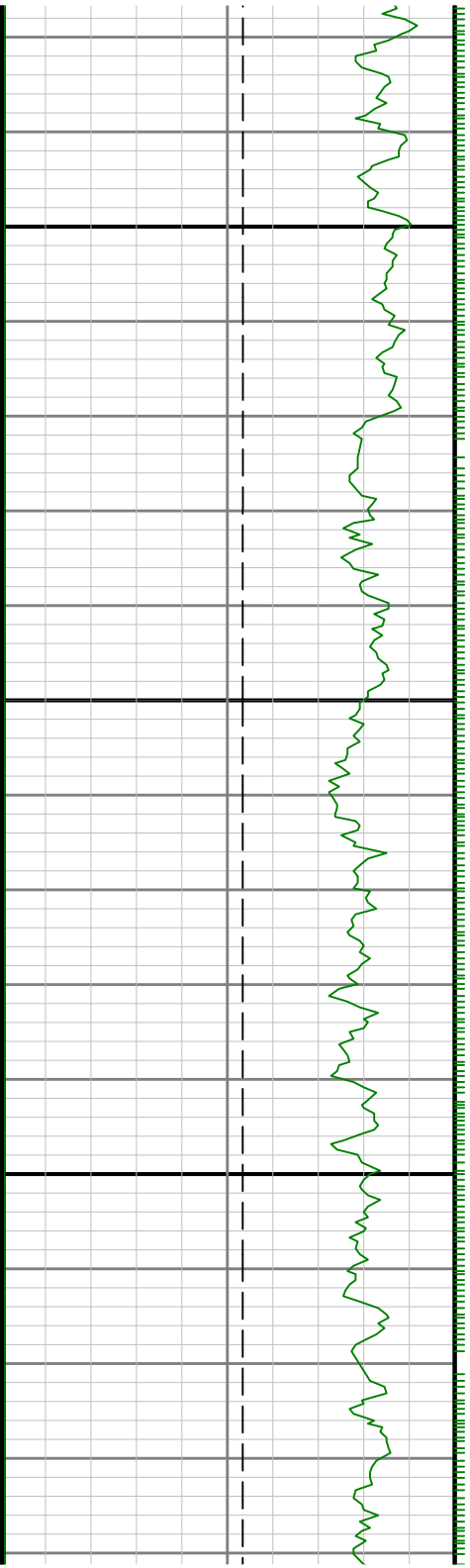


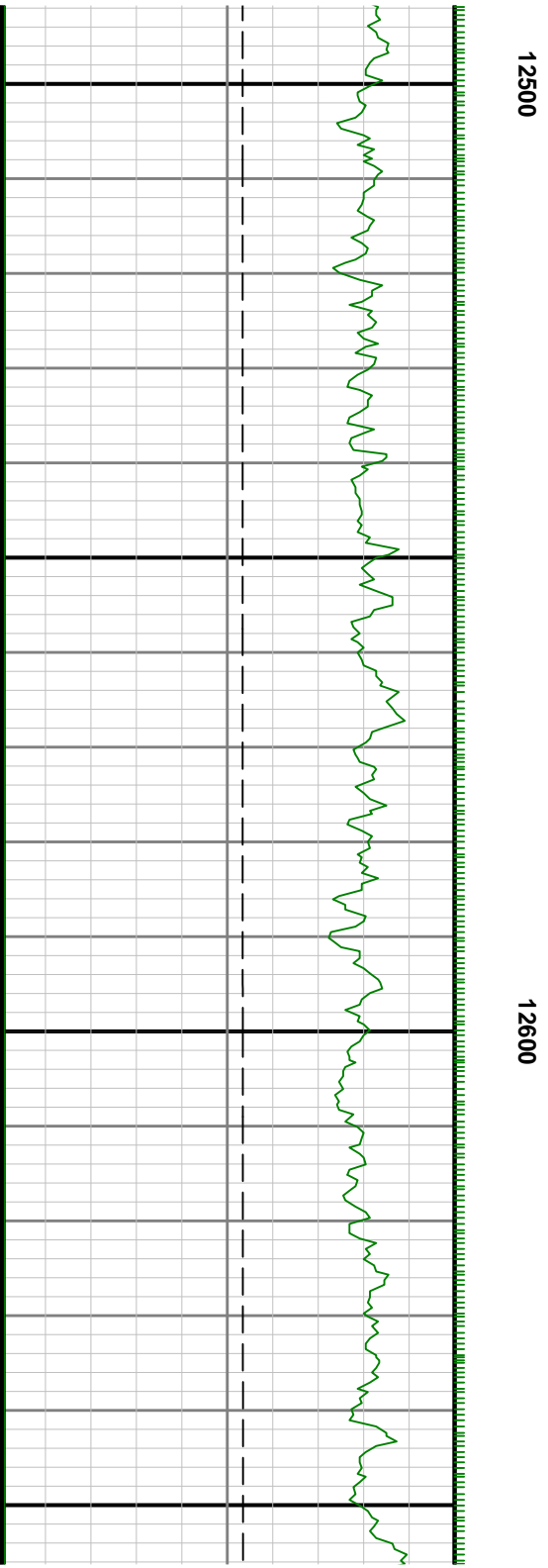
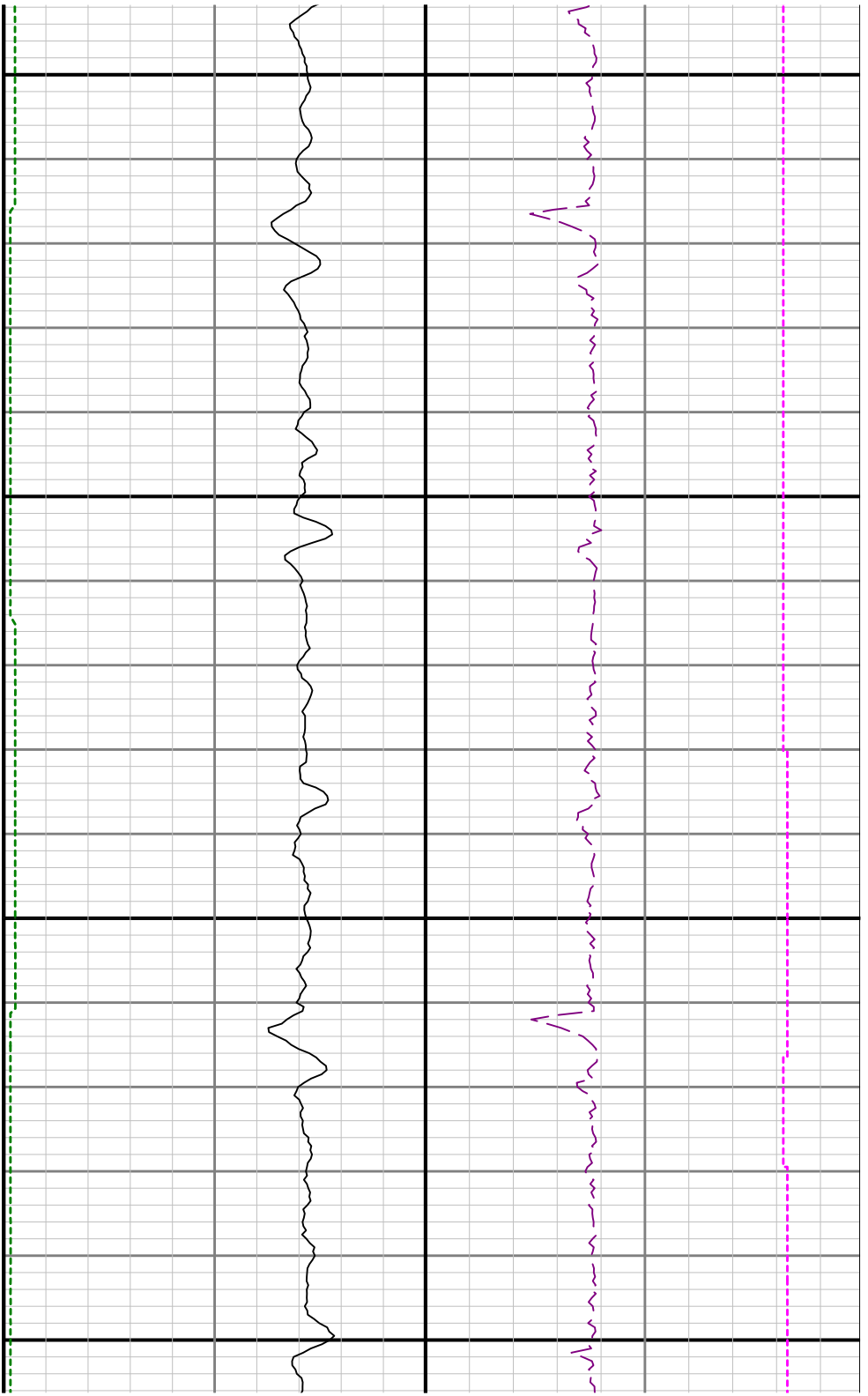


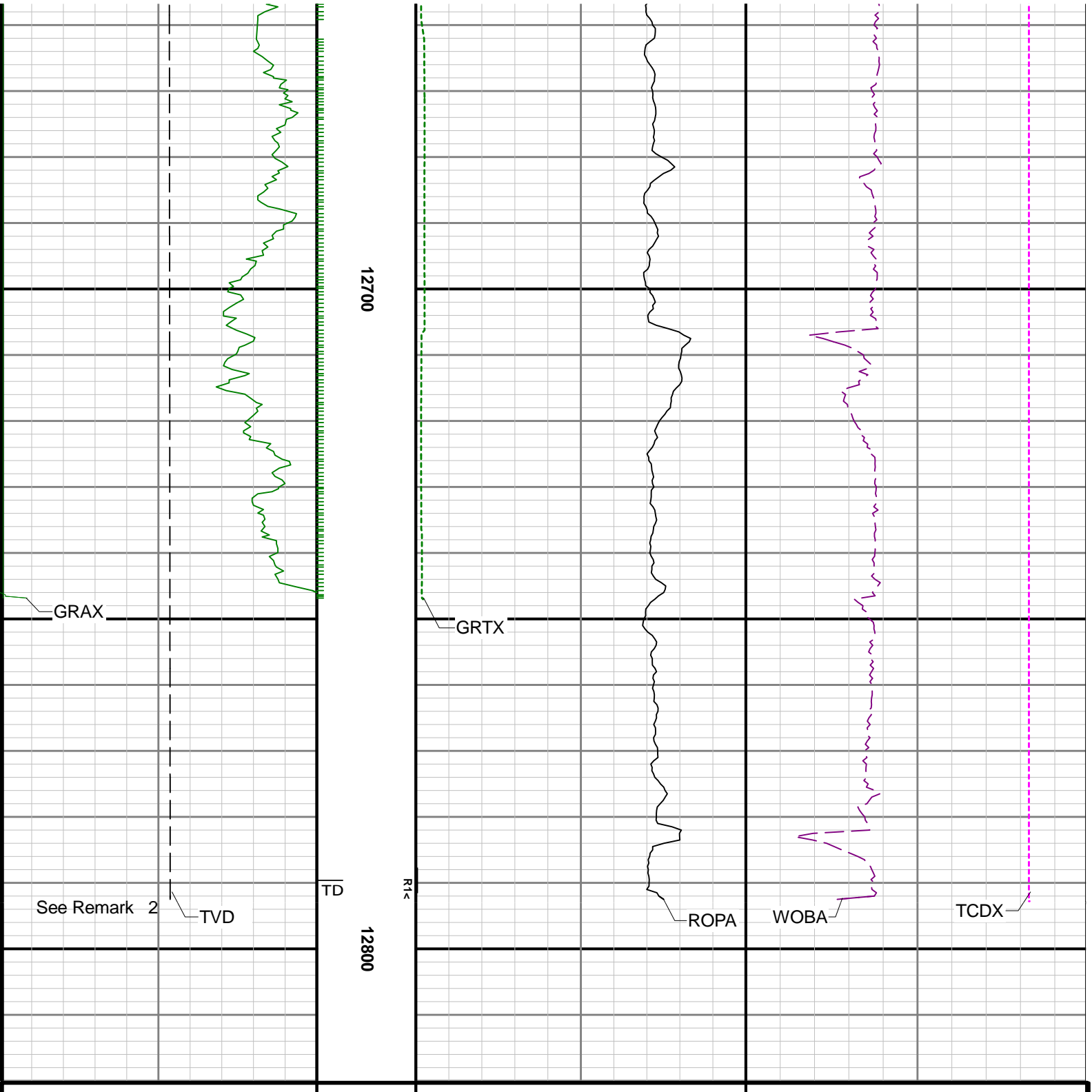




12400







Gamma Ray Apparent 0.5 ft Average GRAX	MD 1:240 feet	Rate of Penetration 3 ft Average ROPA	Surface Weight On Bit 1 ft Average WOBA
0 150		1000 0	0 100
API		ft/h	klb
True Vertical Depth TVD		Gamma Ray Time Since Drilled GRTX	Downhole Temperature TCDX
8000 6400		0 600	0 300
ft		min	degF