



Gamma Ray

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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	13.500	PDC	4.50	Motor	20.00	1537.00	20.00	1537.00	2017-07-17 06:18	2017-07-17 13:01	5.66
2	1	8.500	PDC	3.00	AutoTrak Curve	1537.00	1591.00	1537.00	1604.00	2017-08-20 03:16	2017-08-20 05:19	2.70
3	3	8.500	PDC	3.00	AutoTrak Curve	1591.00	10035.00	1604.00	10048.00	2017-08-20 08:49	2017-08-22 20:11	32.12
4	4	8.500	PDC	3.00	AutoTrak Curve	10035.00	12377.00	10048.00	12390.00	2017-08-22 05:40	2017-08-22 15:09	9.51

Crew

Name		Arrive Wellsite	Depart Wellsite	Name		Arrive Wellsite	Depart Wellsite	Name		Arrive Wellsite	Depart Wellsite
Andrew Clancy		2017-07-16	2017-08-22	Bryan Severson		2017-08-19	2017-08-22	Pierce Lovesee		2017-08-19	2017-08-21

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+ (%)
2017-07-16 22:01	1	20.00	Water Based Mud	8.4	1	10	0.0	0/100	Active Pit	500	0.00
2017-08-19 14:02	2	1537.00	Oil Based Mud	10.0	24	0	0.0	73/27	Active Pit	22000	0.00
2017-08-20 07:54	3	6925.00	Oil Based Mud	10.0	23	0	0.0	72/28	Active Pit	23000	0.00
2017-08-22 02:00	4	10048.00	Oil Based Mud	10.0	25	0	0.0	73/27	Active Pit	21000	0.00

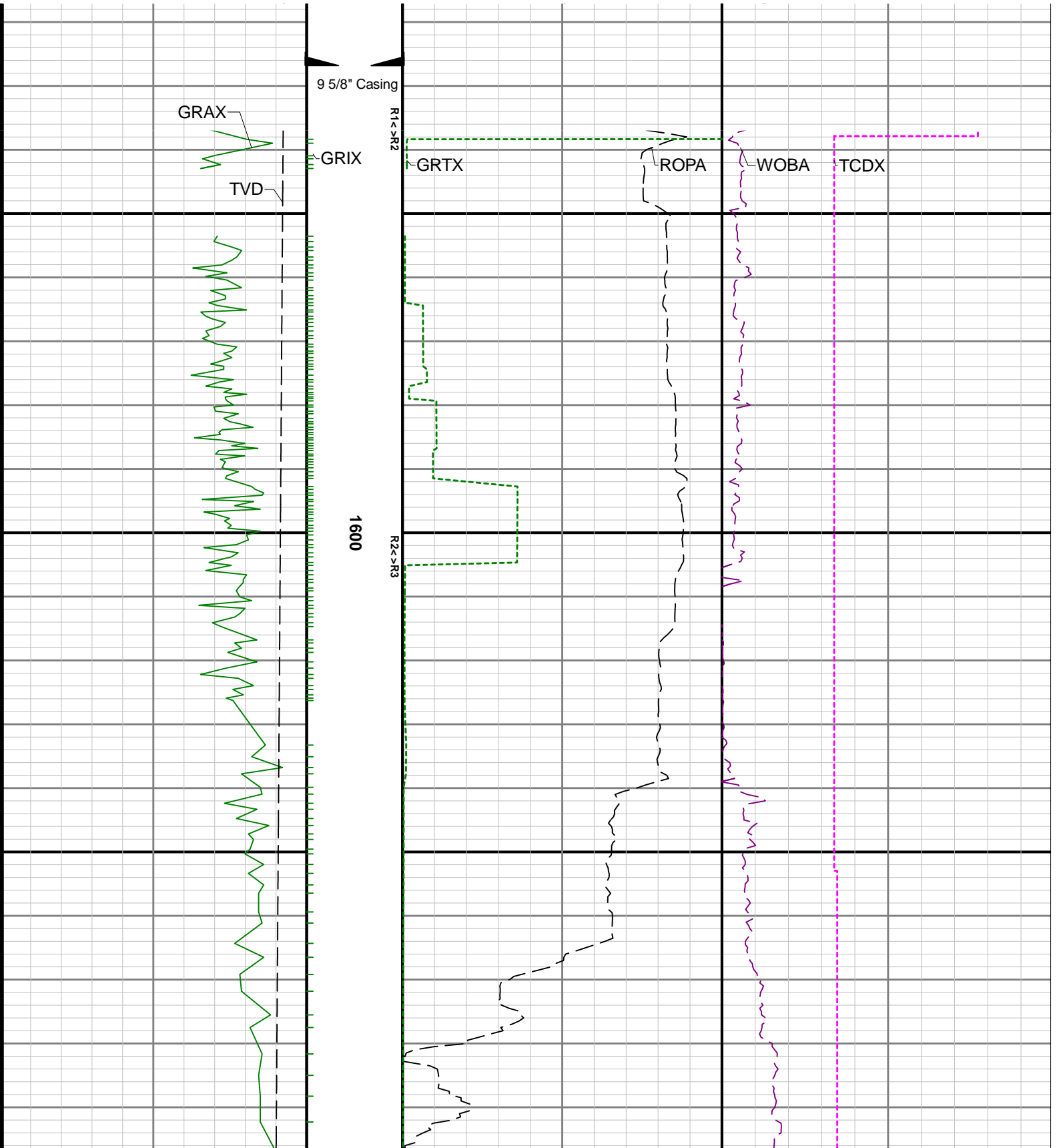
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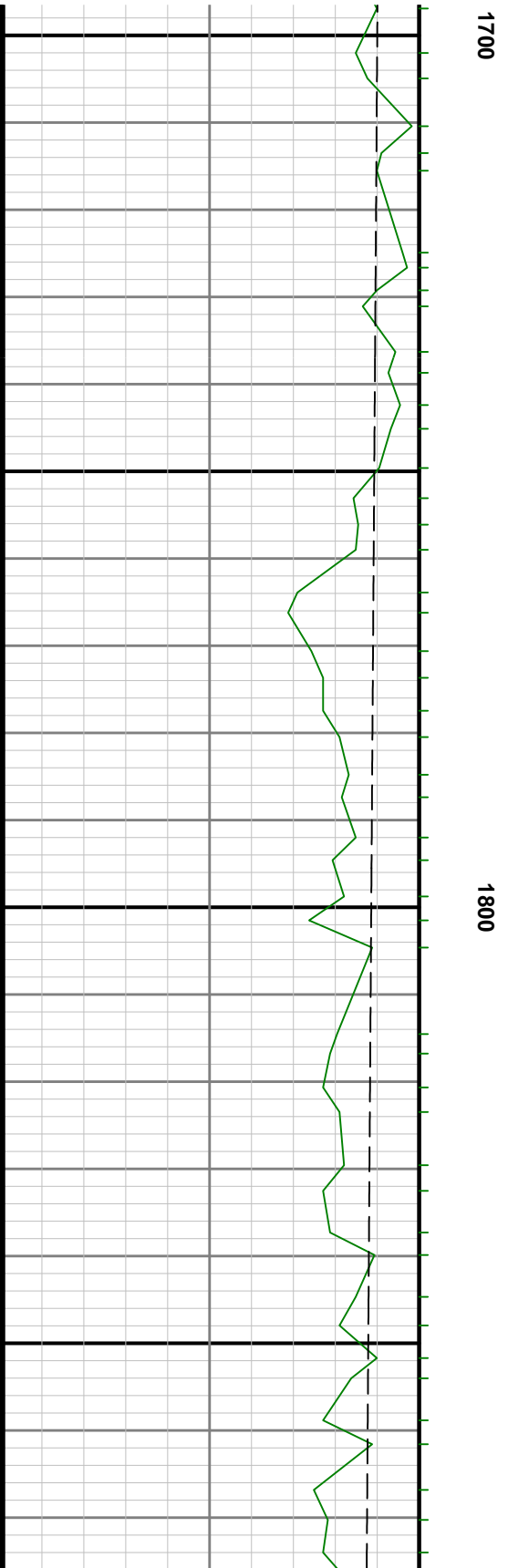
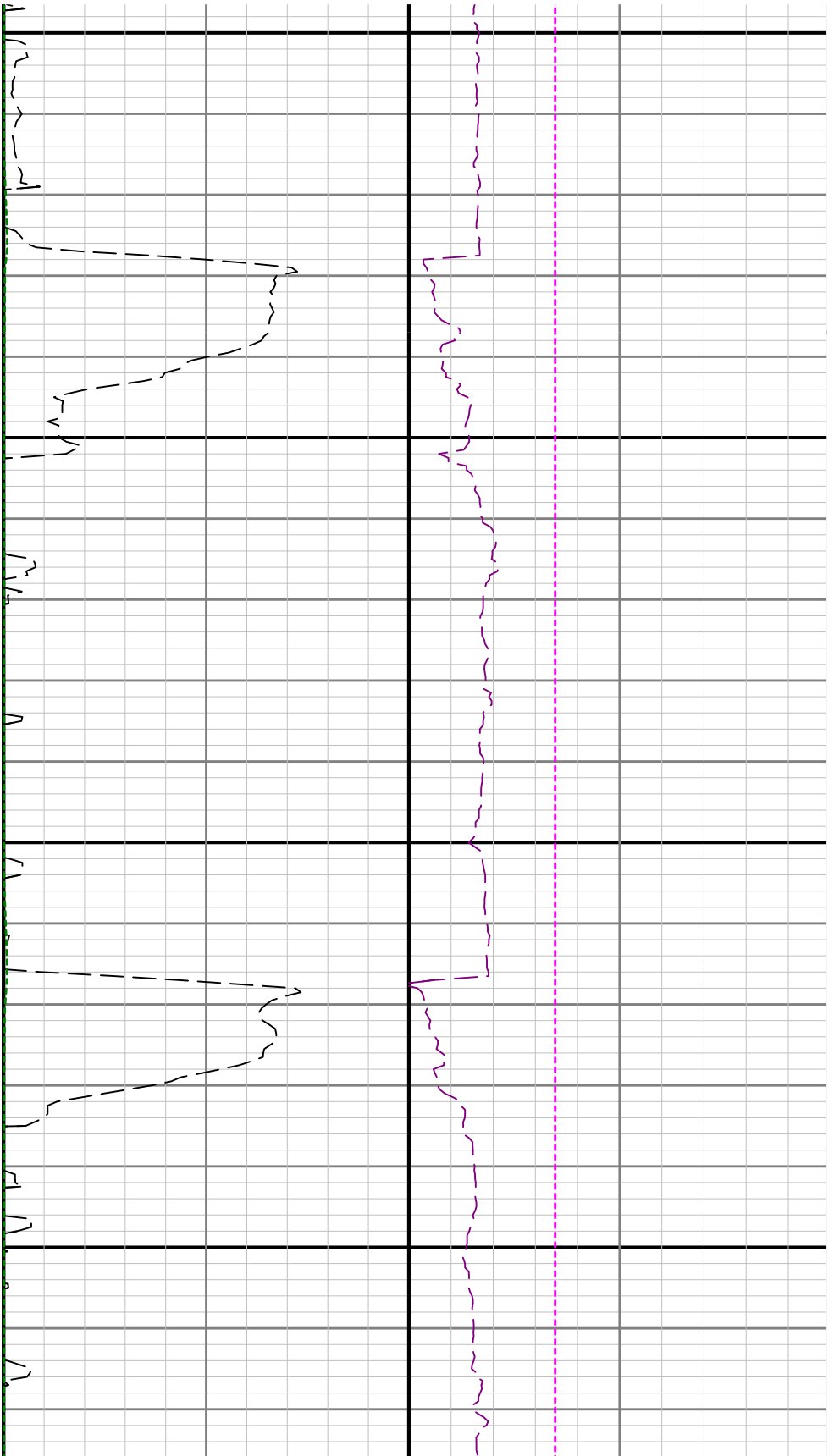
Run No.	Tool	Serial Number	Measurement	Sensor Offset (ft)	Bit Offset (ft)	Max O.D. (in)	Min I.D. (in)
1	NaviTrak	11912324	Directional (mag)	13.13	49.20	8.000	0.000
1	NaviTrak	11912324	VSS	13.13	49.20	8.000	0.000
2	ATC_SU	12053886	Near Bit VSS	5.93	6.73	7.000	4.330
2	ATC_SU	12053886	Near Bit Inclination	5.93	6.73	7.000	4.330
2	ATC_MWD	14179566	Gamma (single)	2.74	12.90	7.000	3.250
2	ATC_MWD	14179566	Directional (mag)	12.26	22.42	7.000	3.250
3	ATC_SU	14178969	Near Bit Inclination	5.93	6.73	7.000	4.330
3	ATC_SU	14178969	Near Bit VSS	5.93	6.73	7.000	4.330
3	ATC_MWD	14179563	Gamma (single)	2.19	12.35	7.000	3.250
3	ATC_MWD	14179563	Directional (mag)	12.26	22.42	7.000	3.250
4	ATC_SU	12215163	Near Bit VSS	5.93	6.73	7.000	4.330
4	ATC_SU	12215163	Near Bit Inclination	5.93	6.73	7.000	4.330
4	ATC_MWD	12070163	Gamma (single)	2.73	12.90	7.000	3.250
4	ATC_MWD	12070163	Directional (mag)	12.26	22.43	7.000	3.250

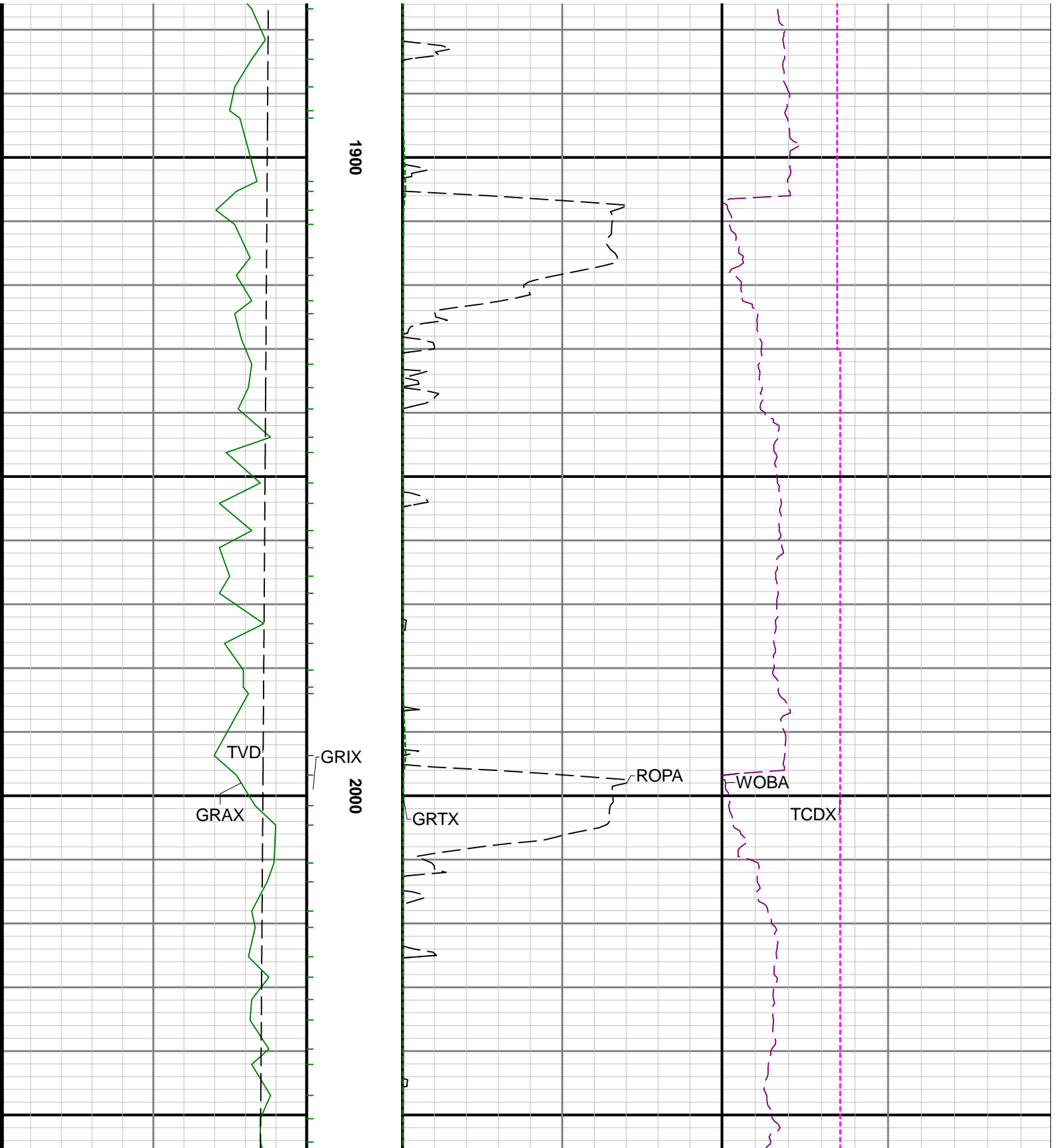
Service and Tool Mnemonics

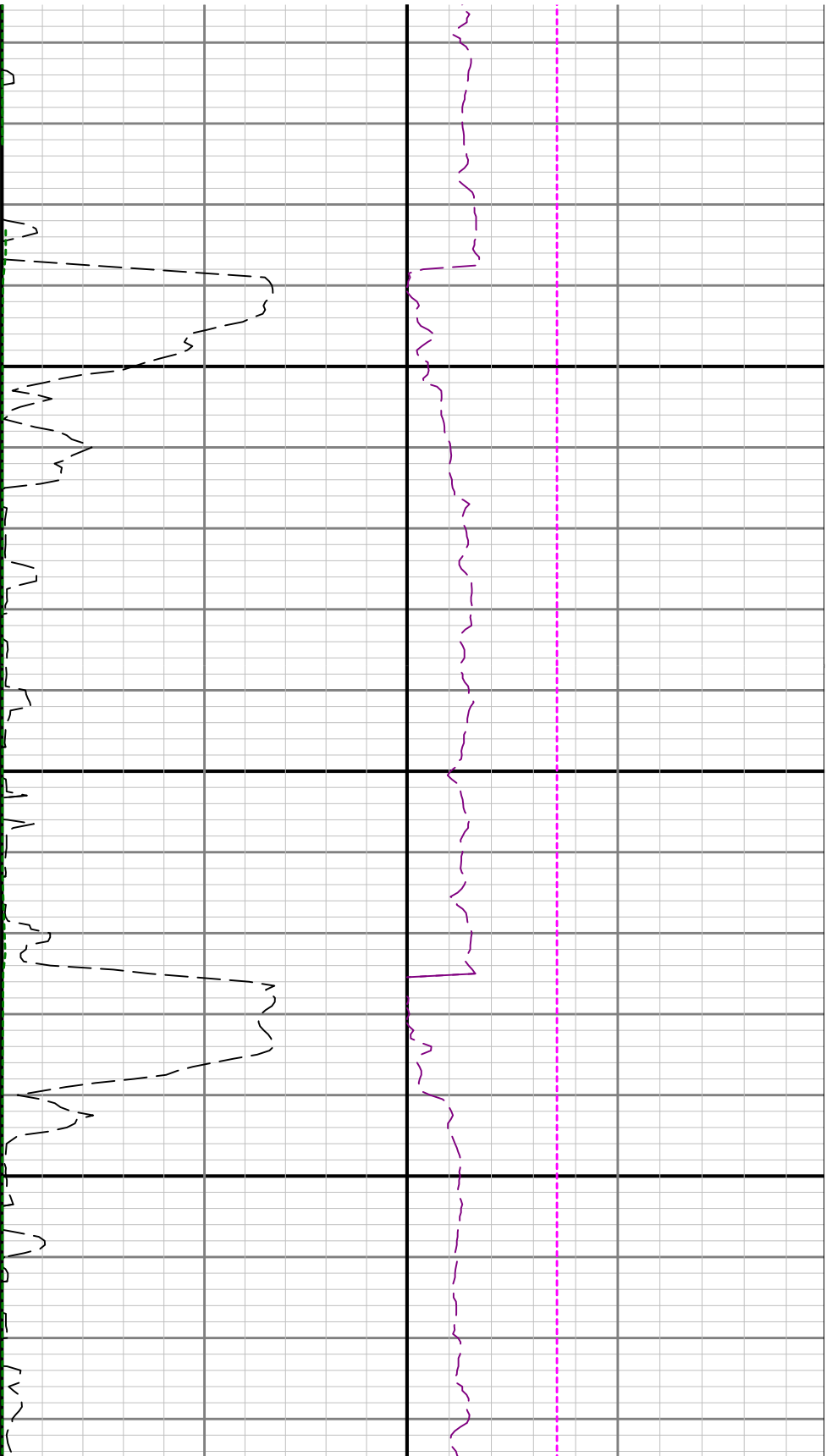
Mnemonic	Name	Description
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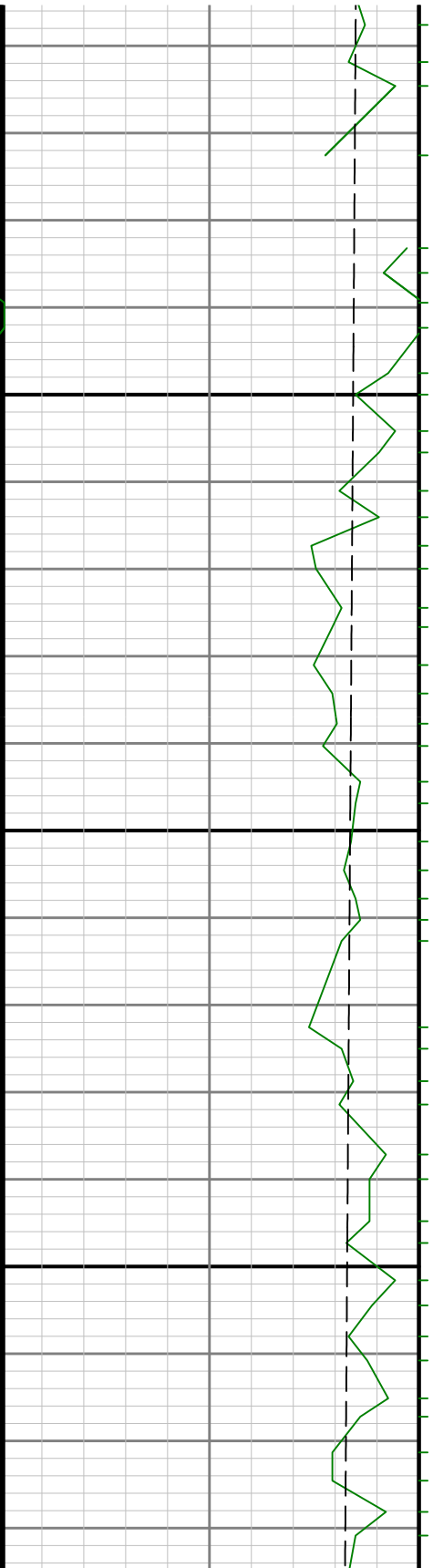


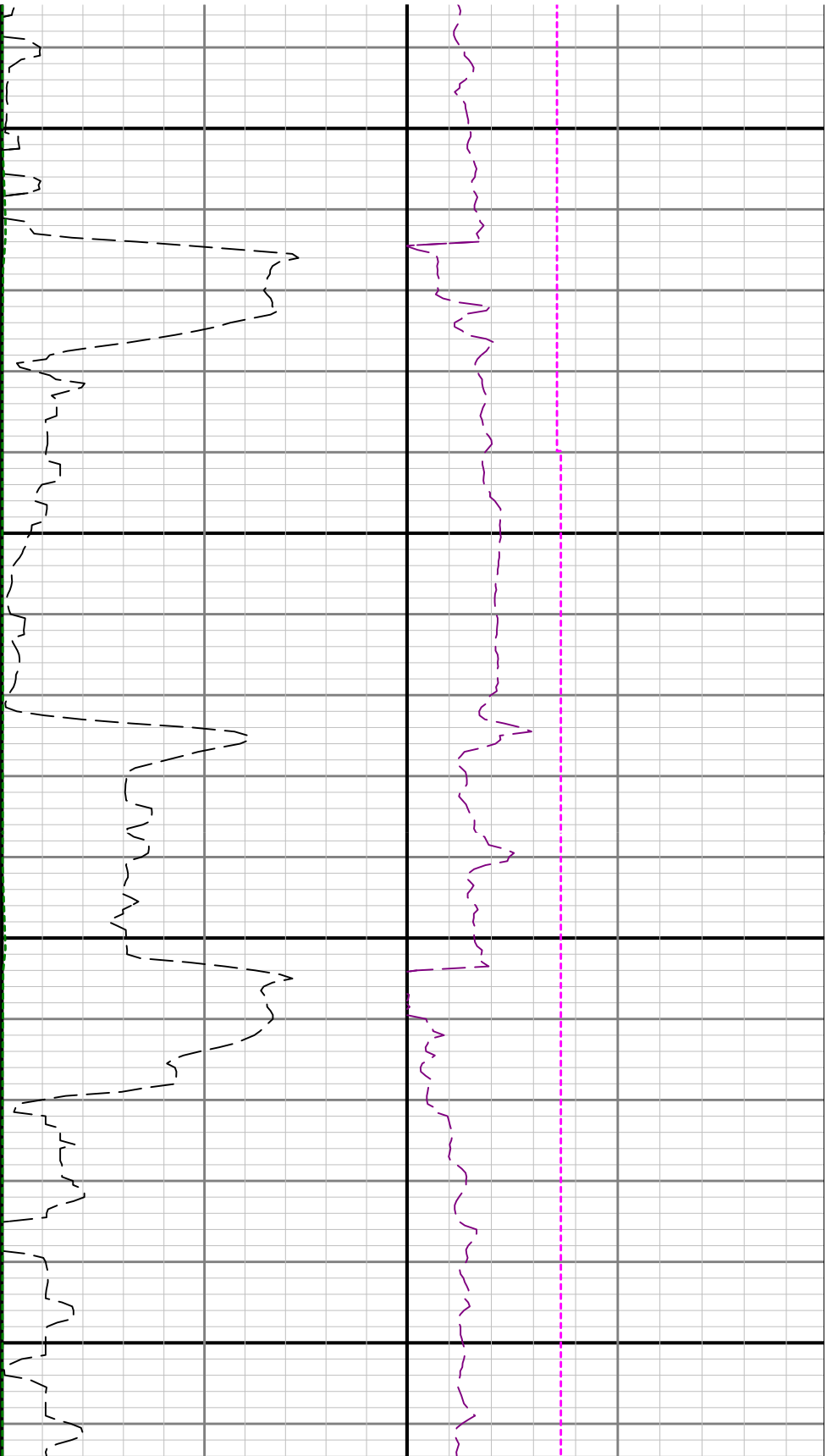




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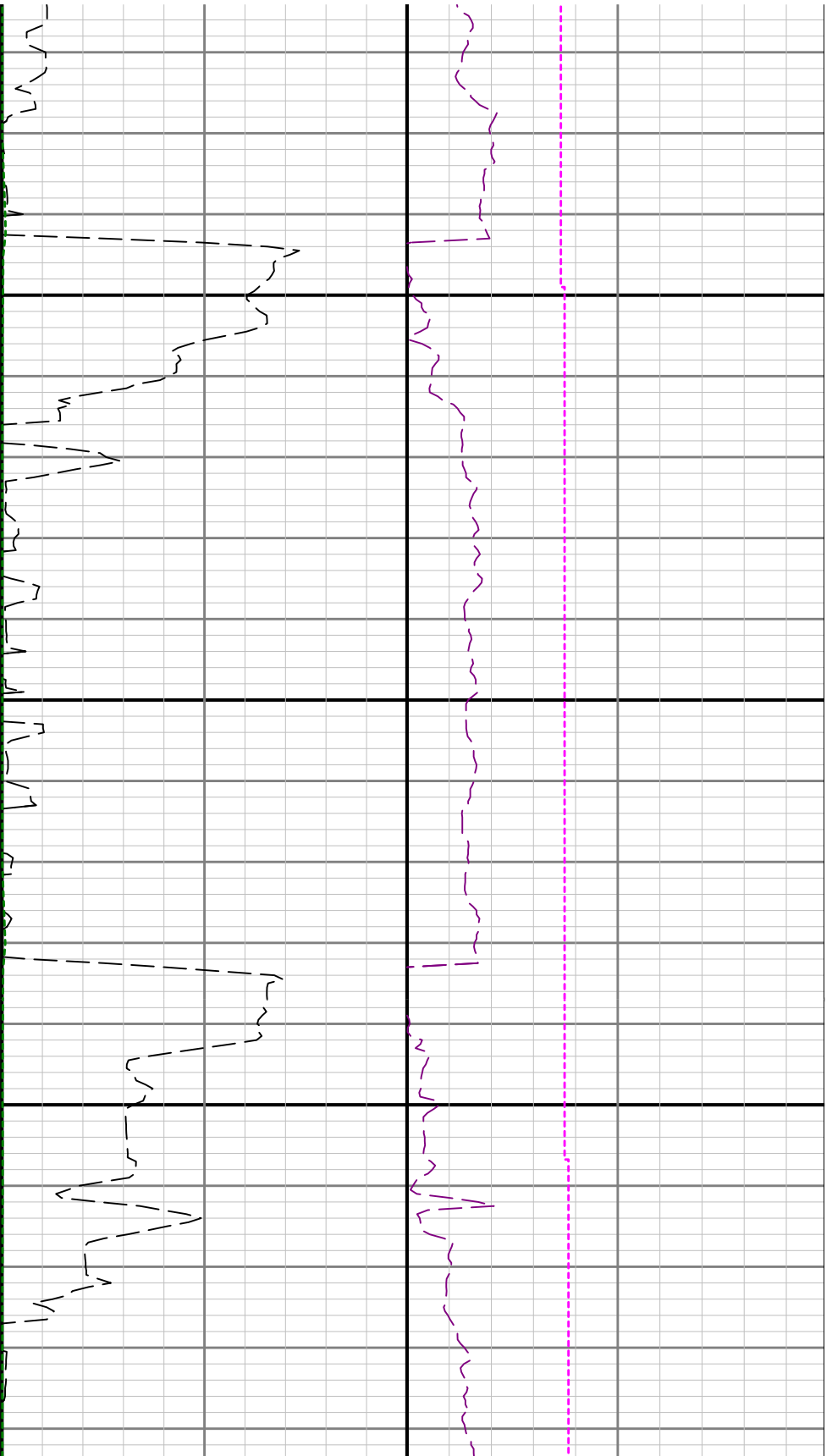




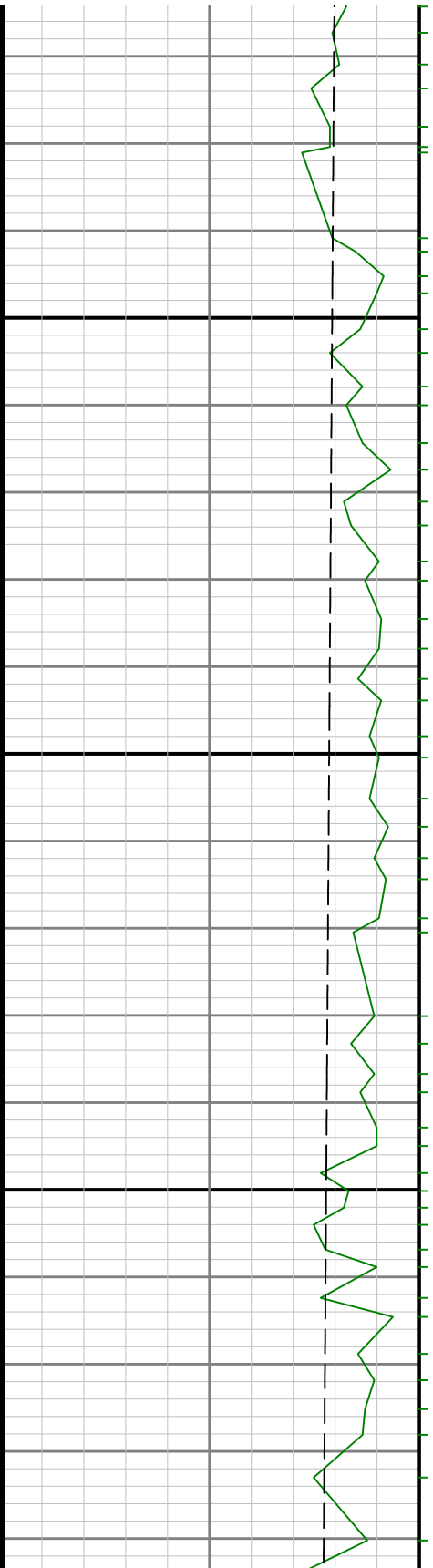
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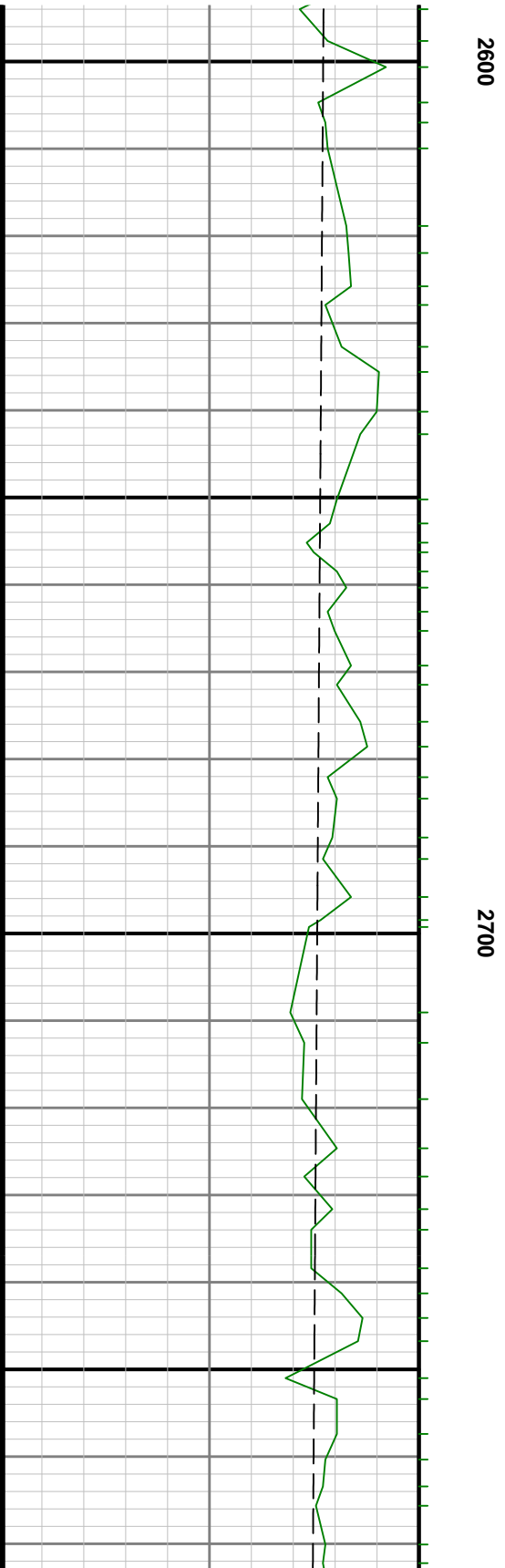
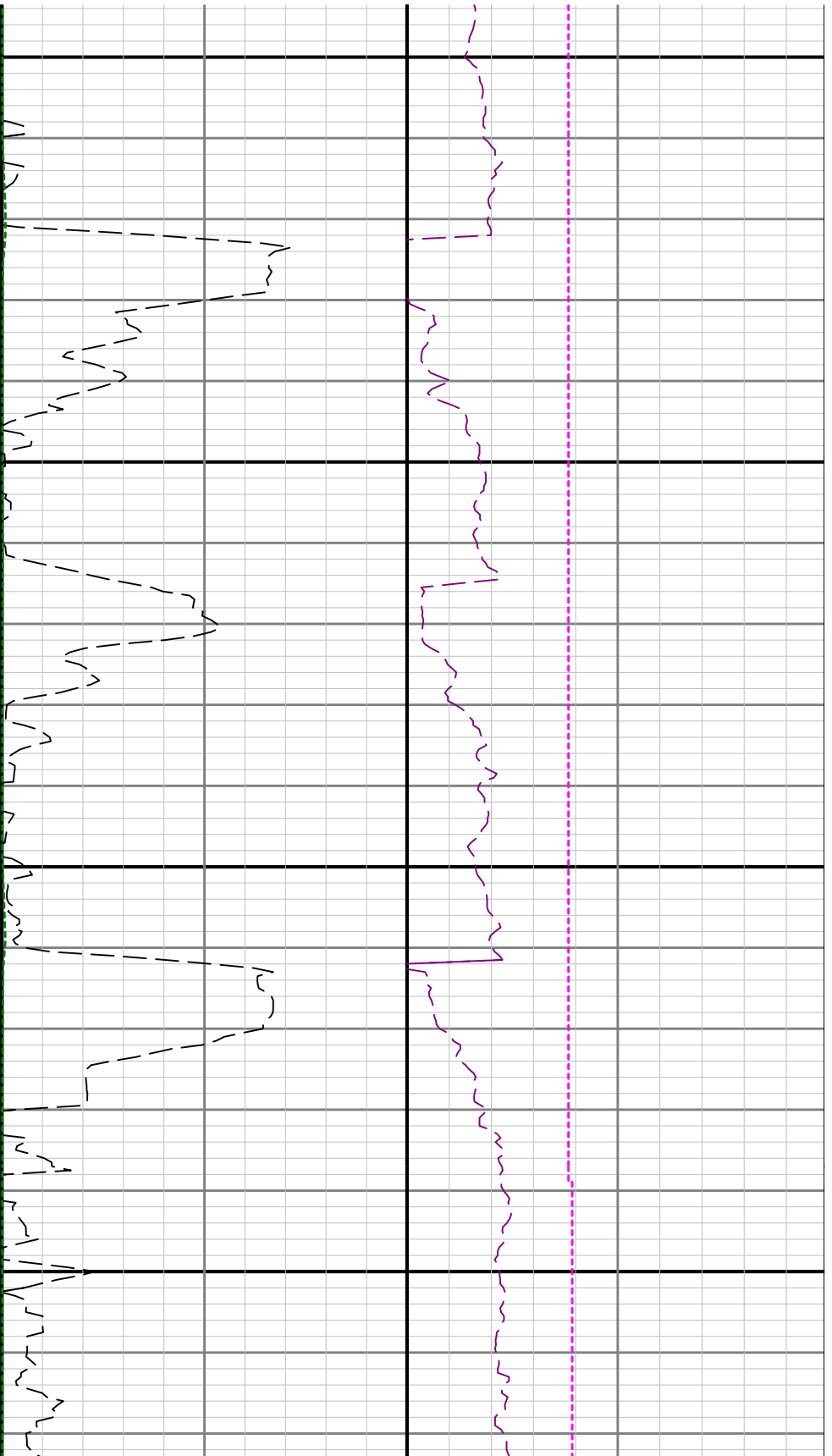
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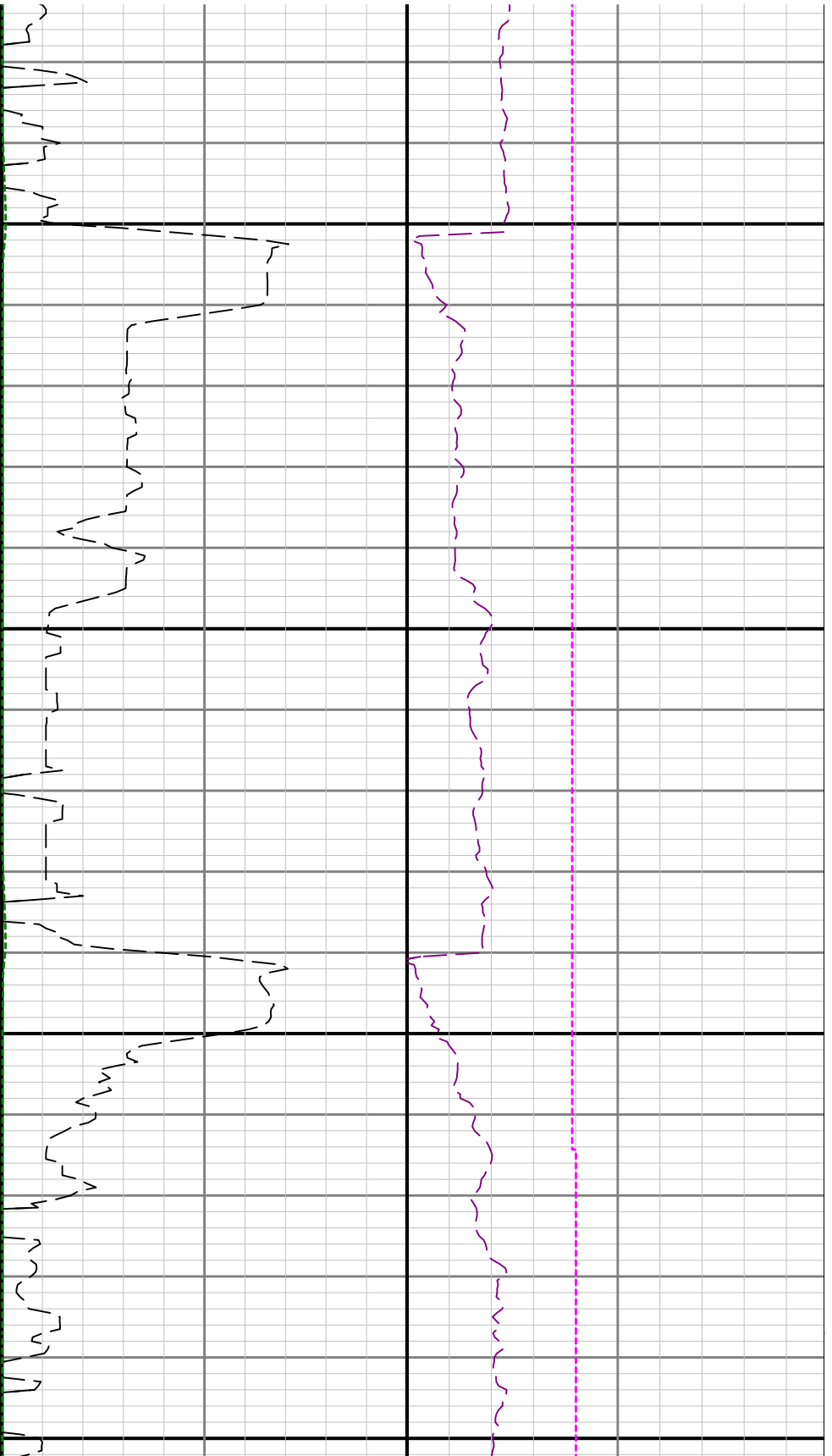




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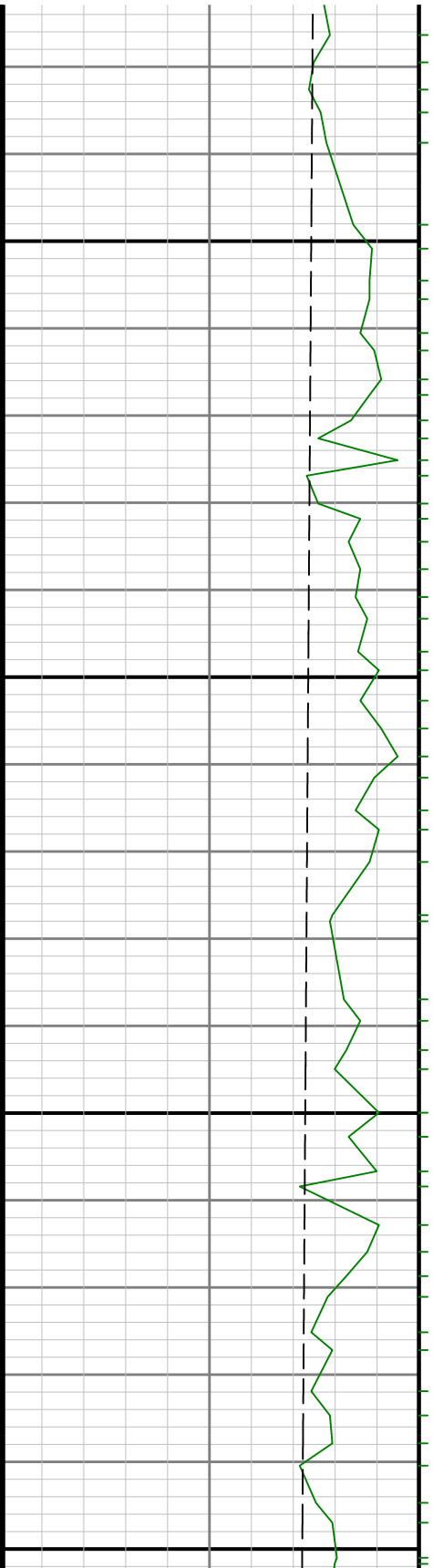


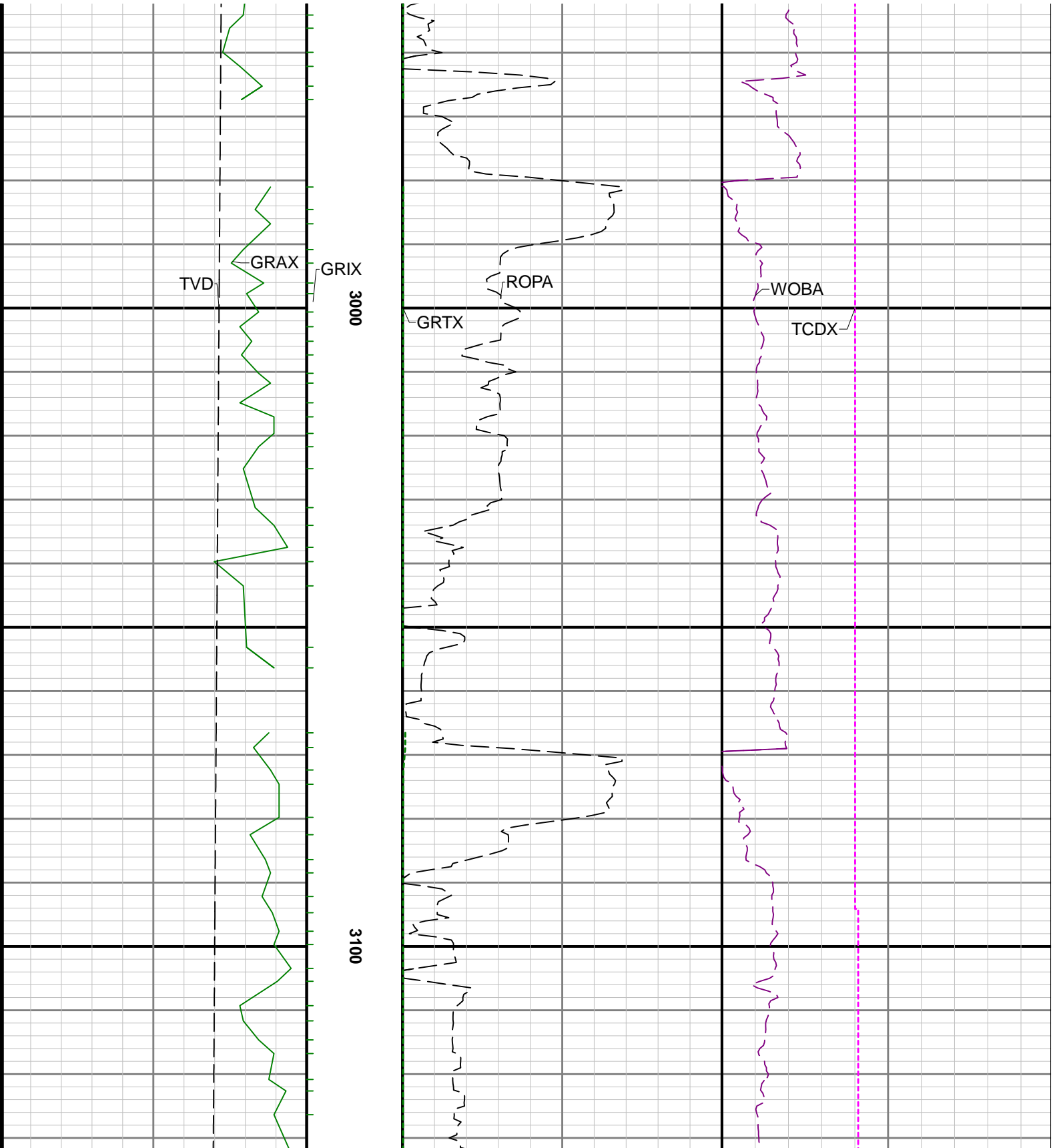


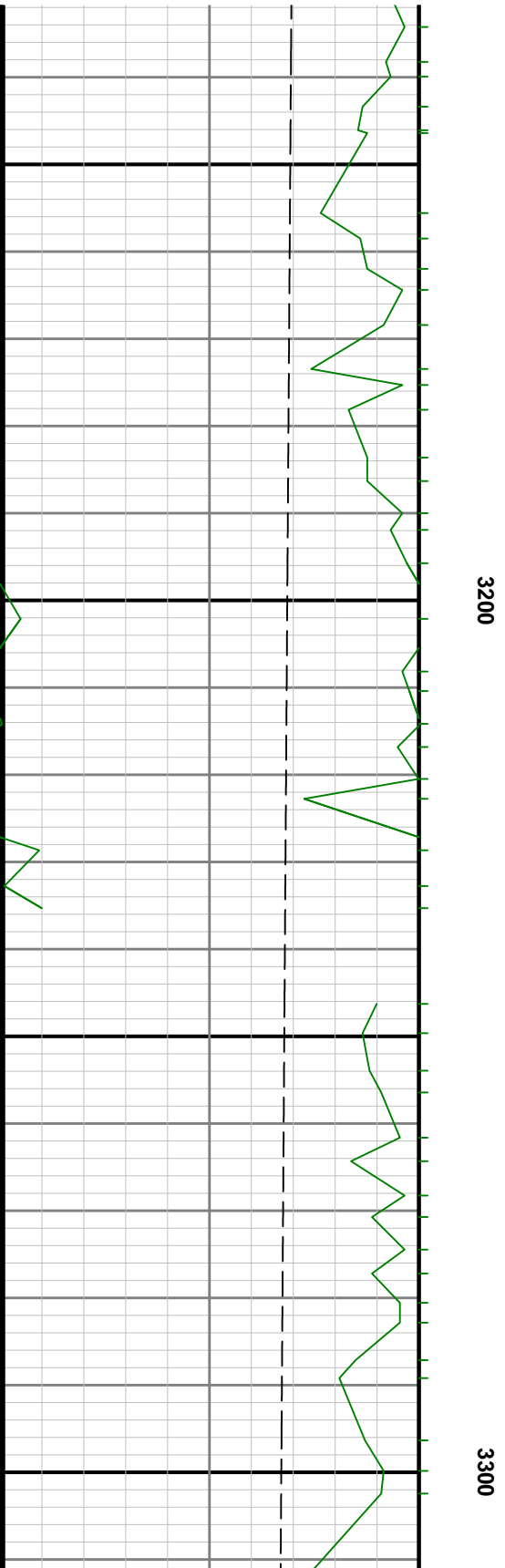
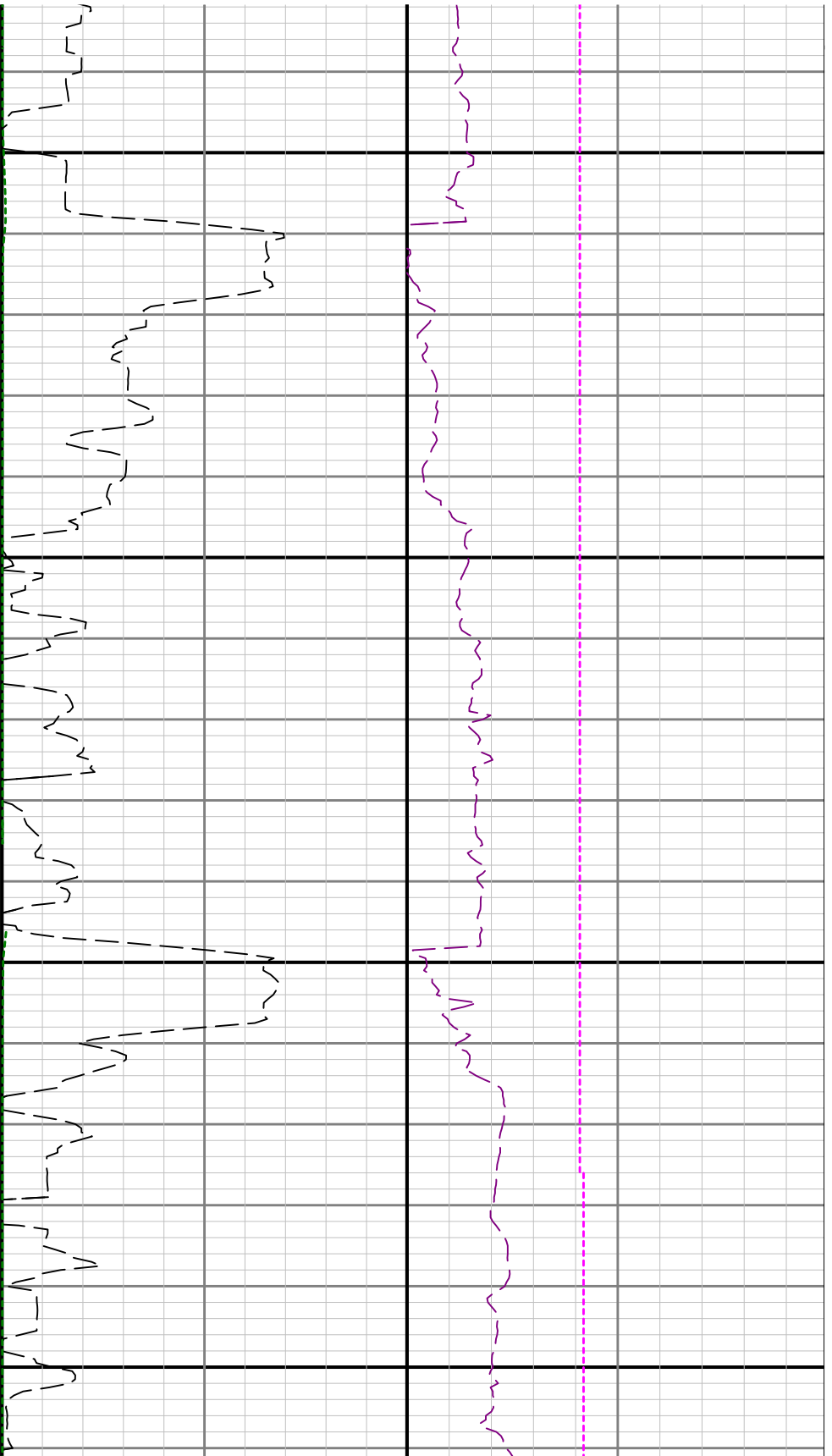


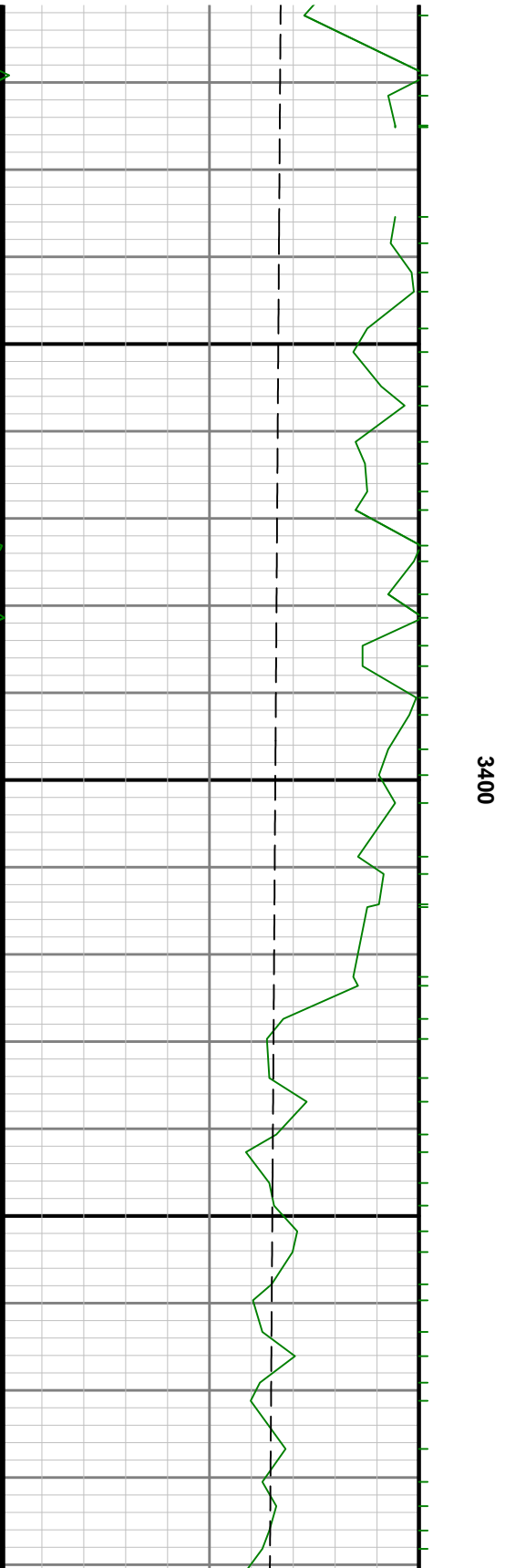
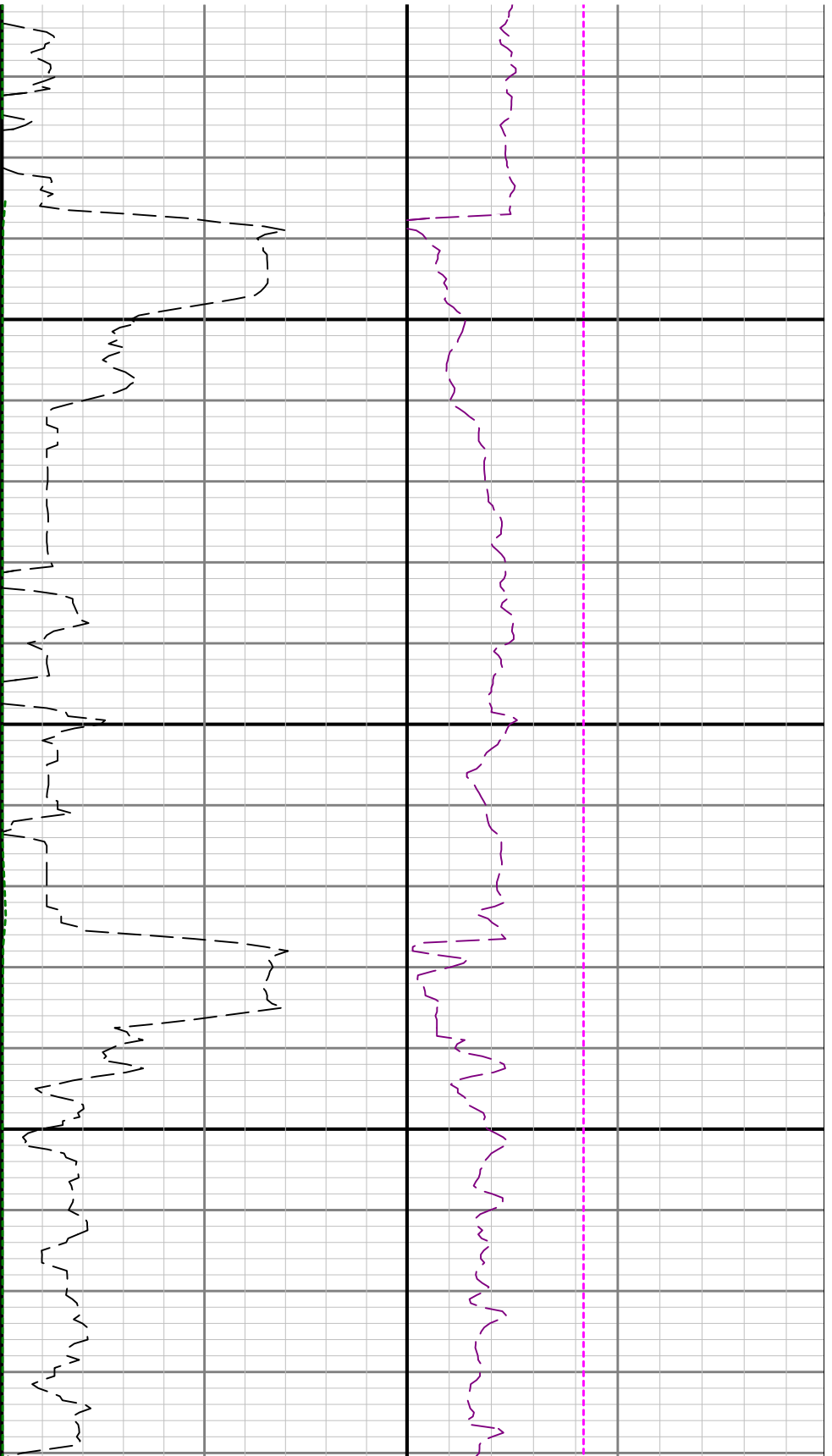
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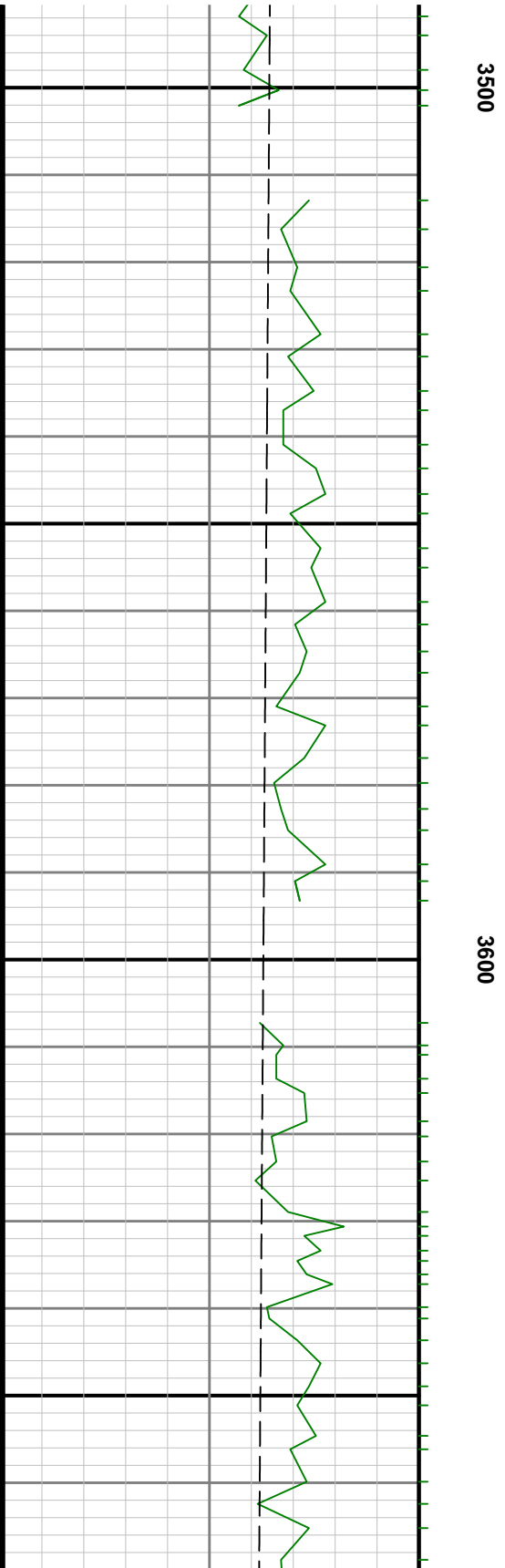
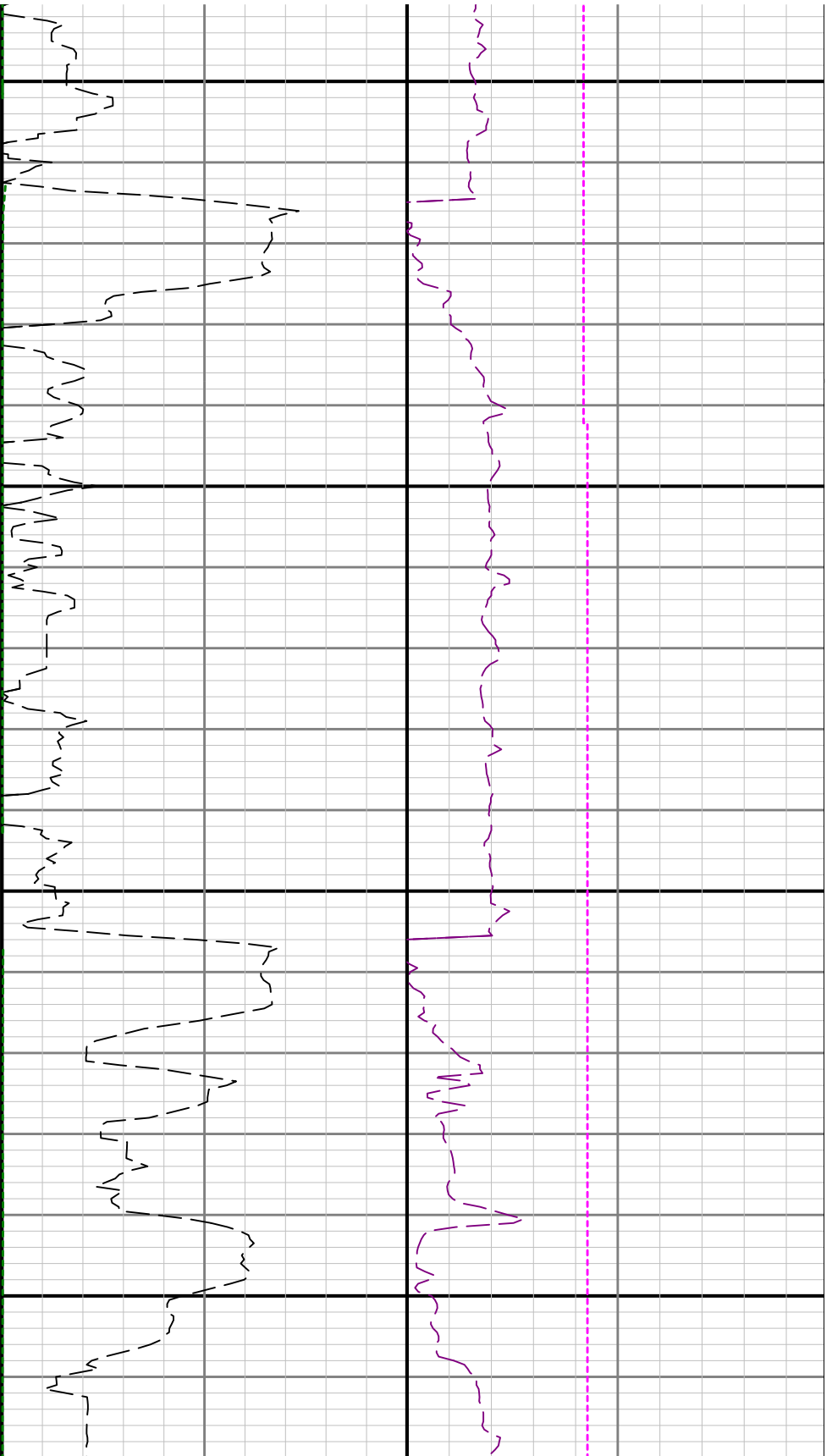
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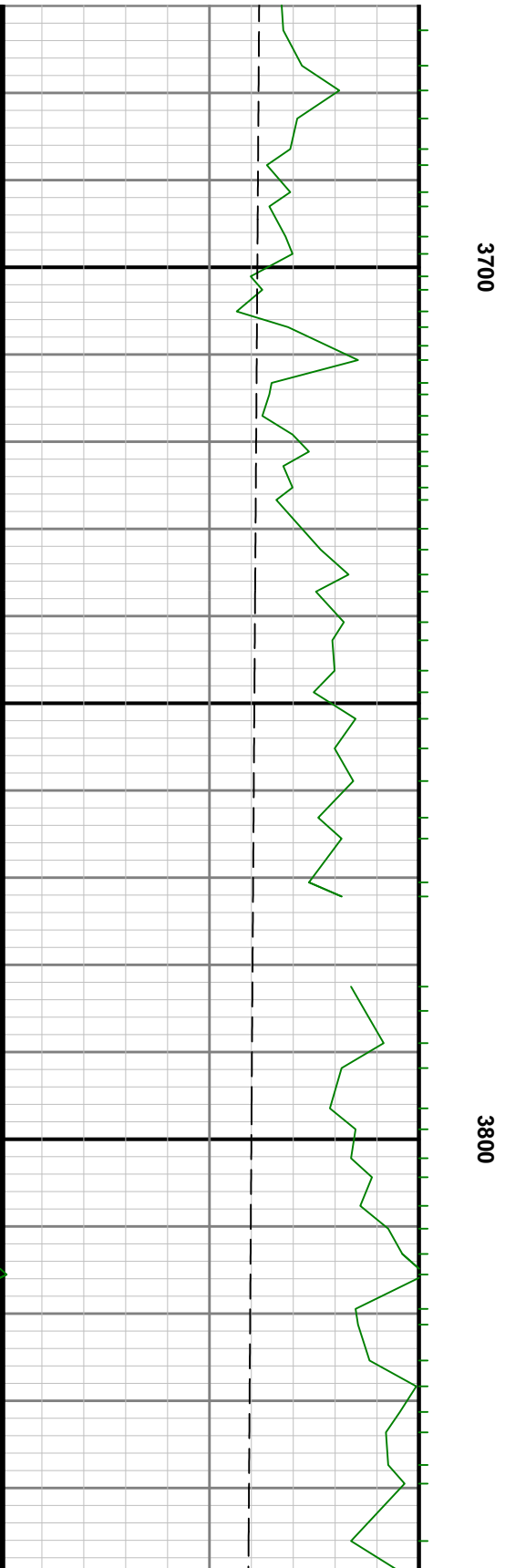
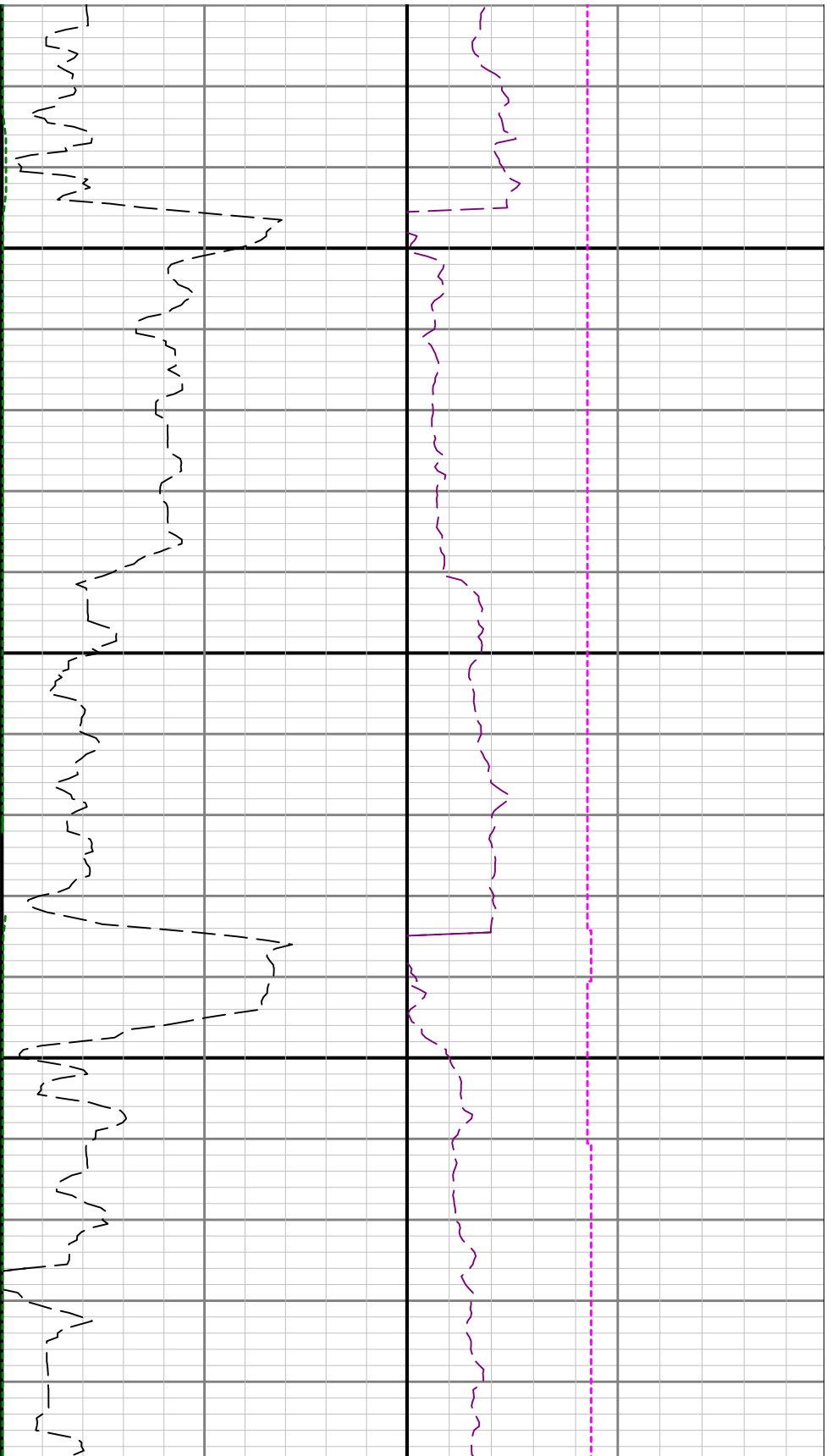


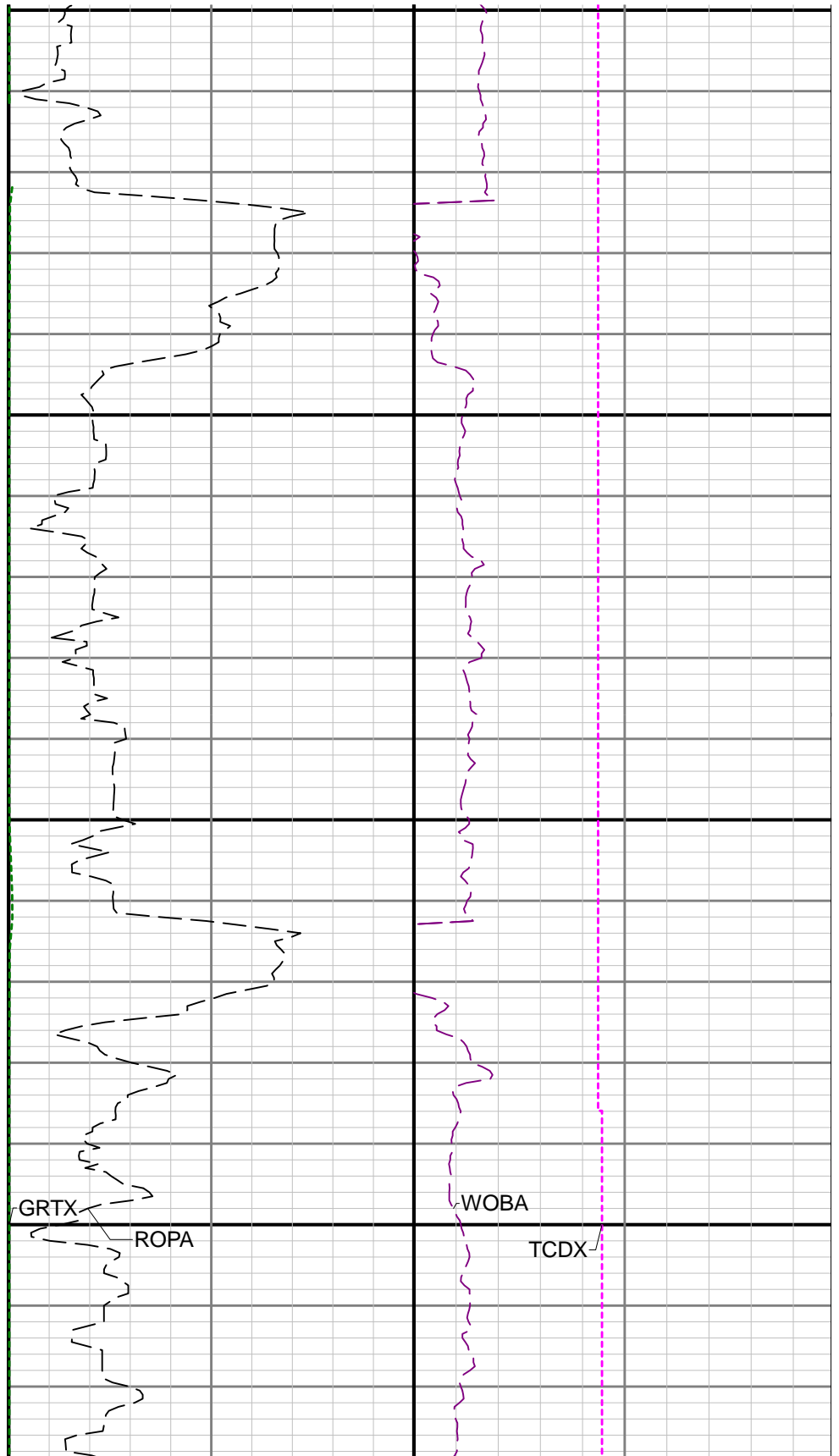
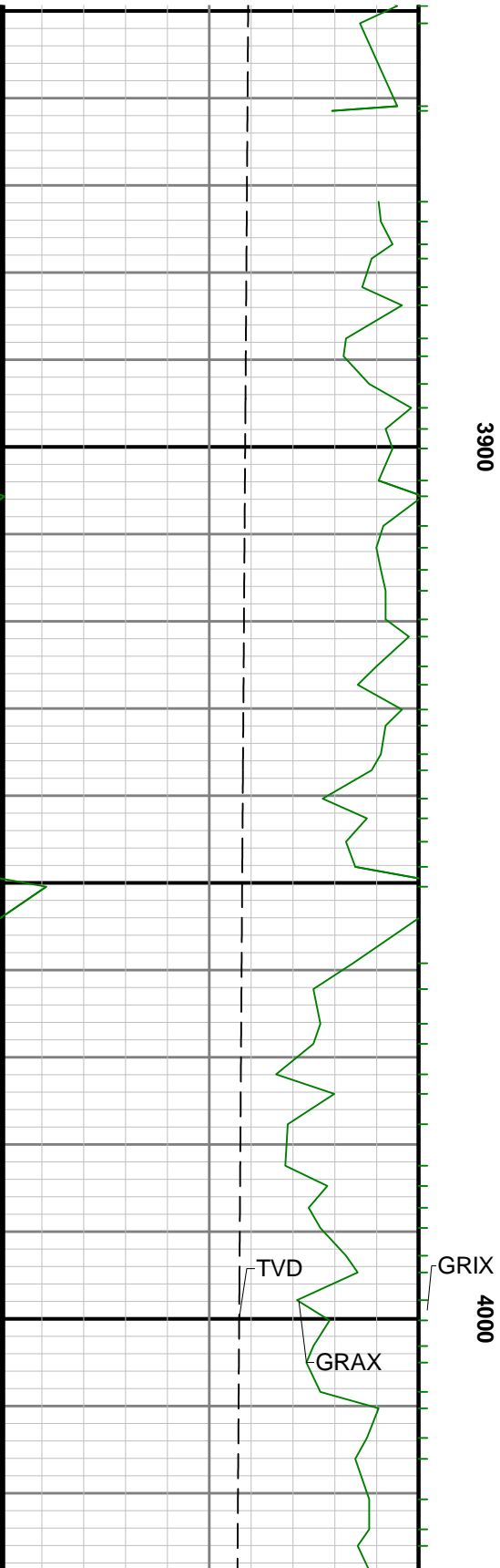


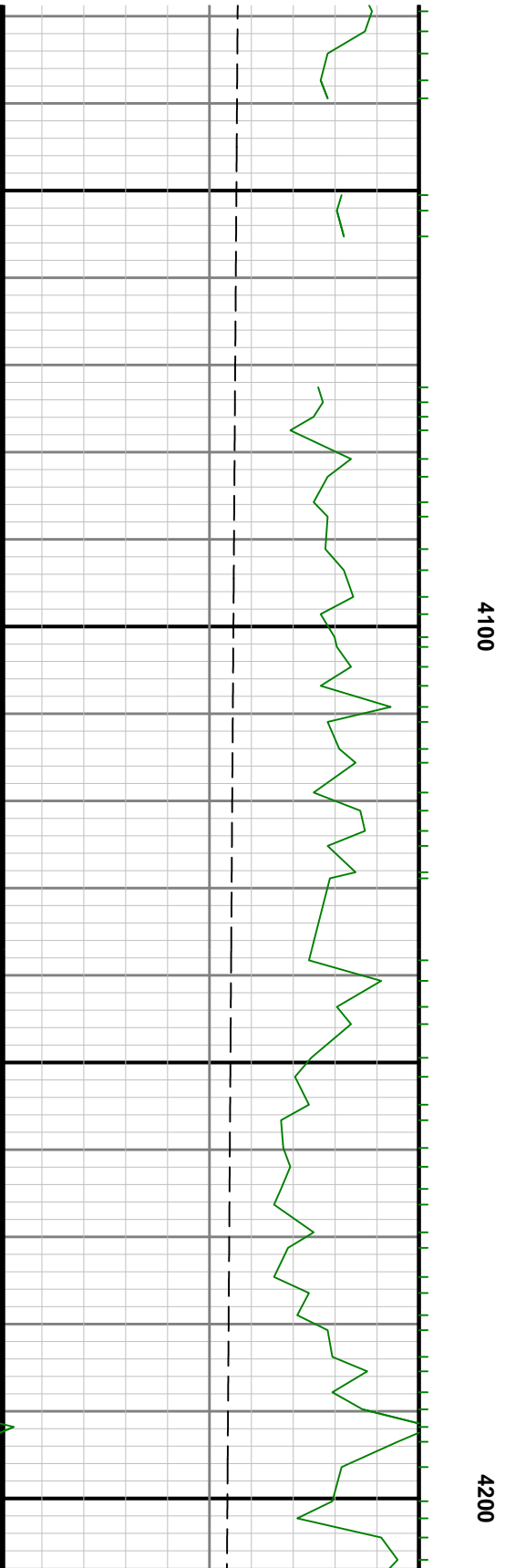


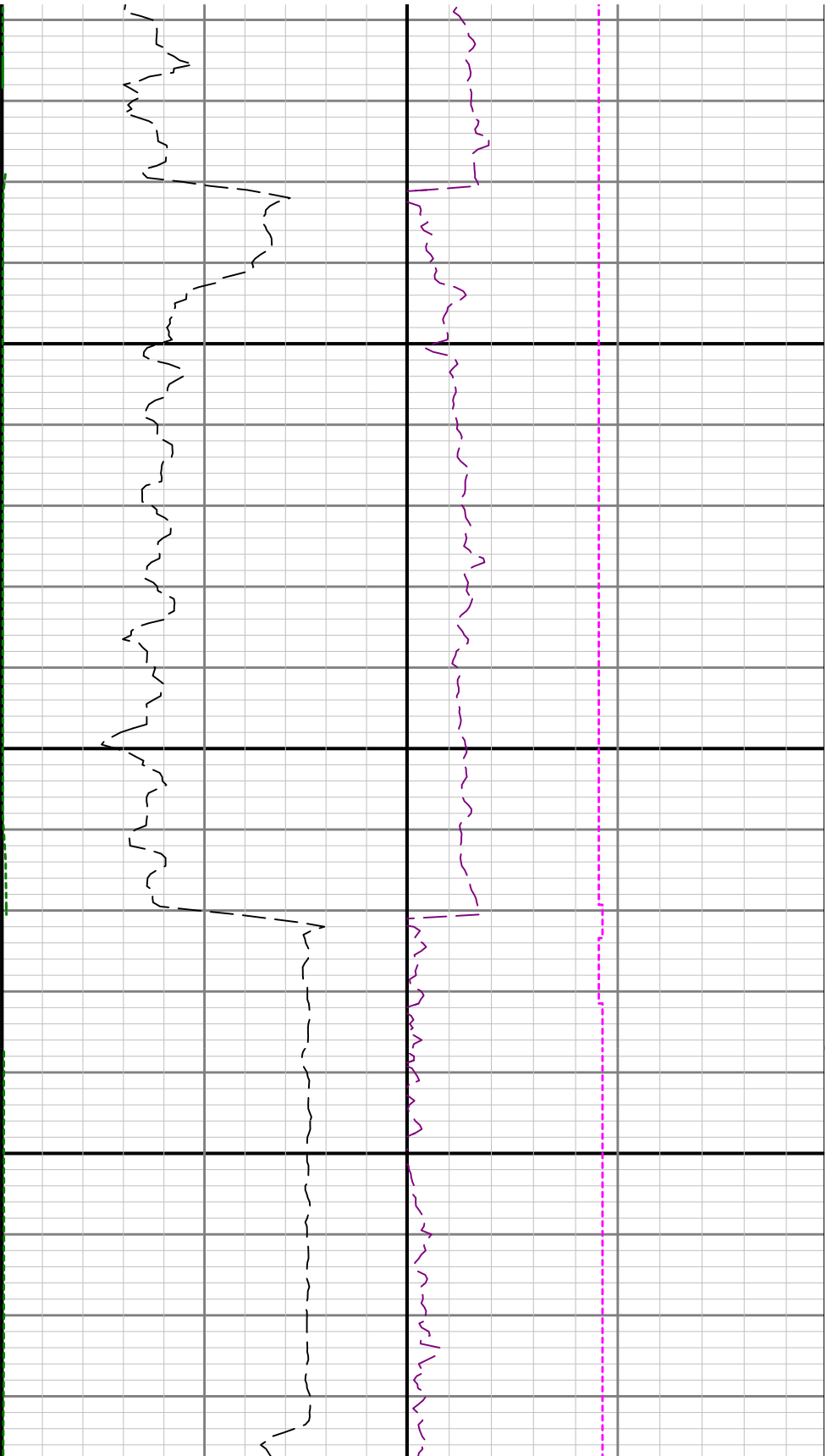




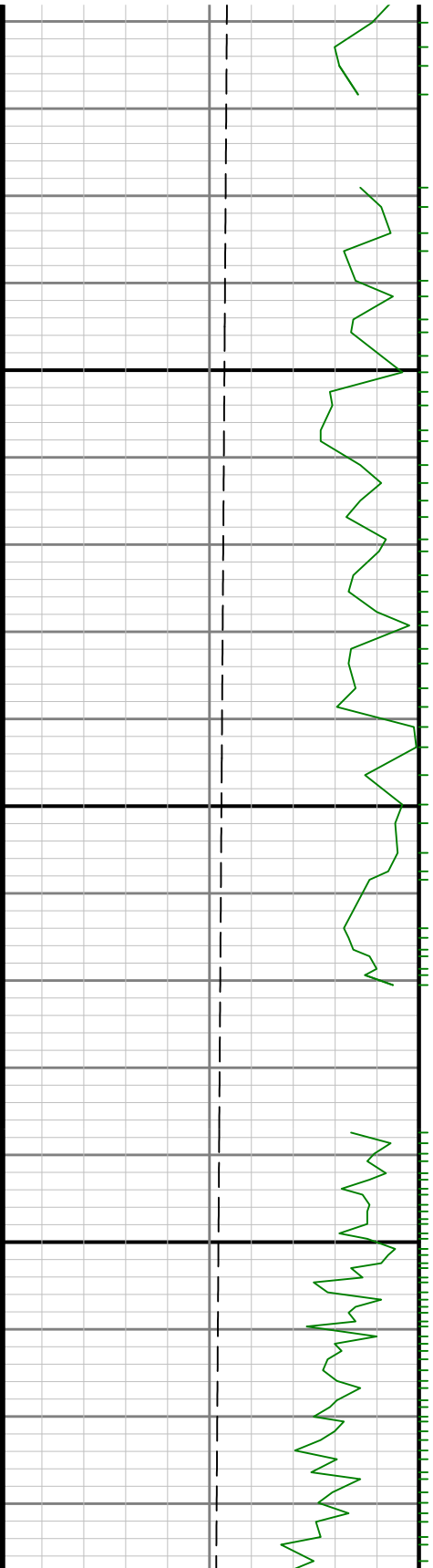


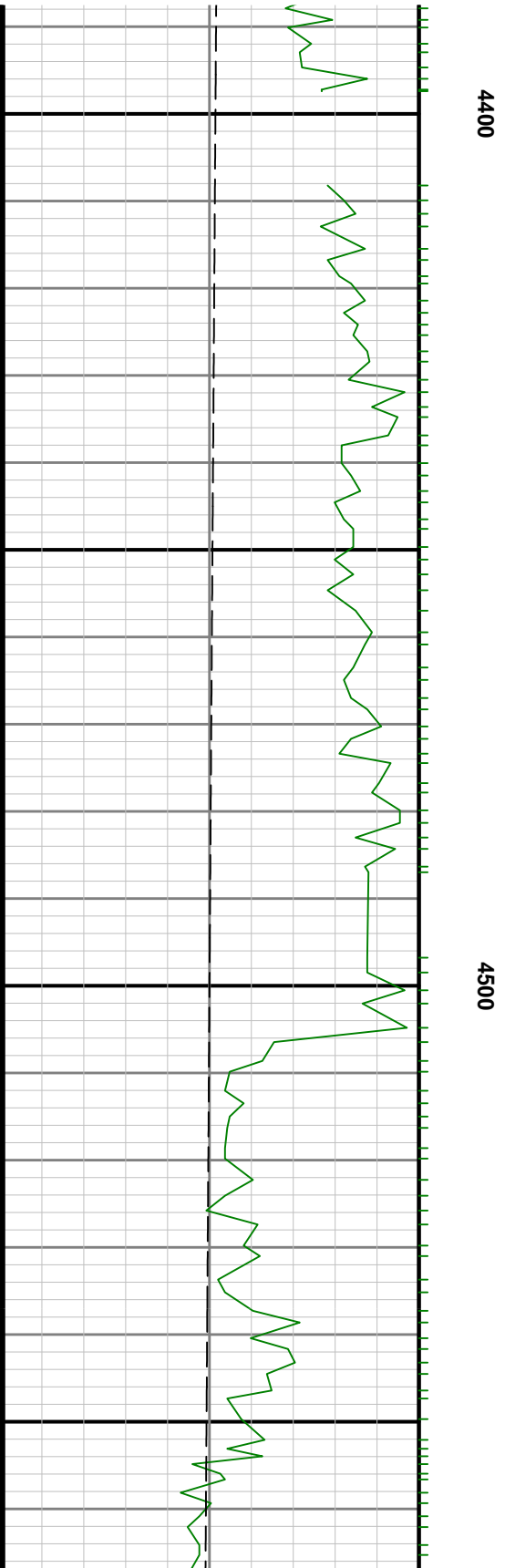
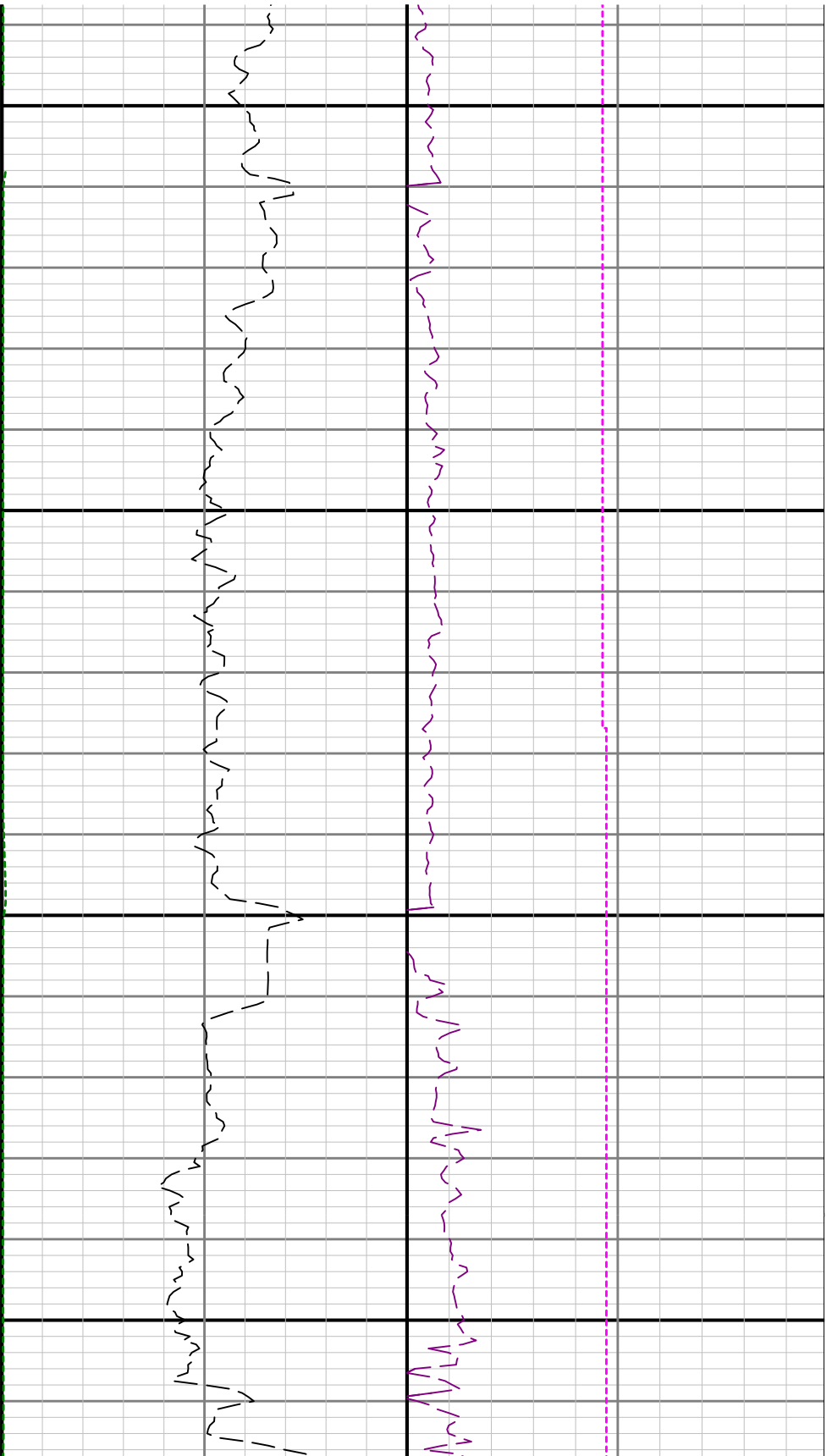


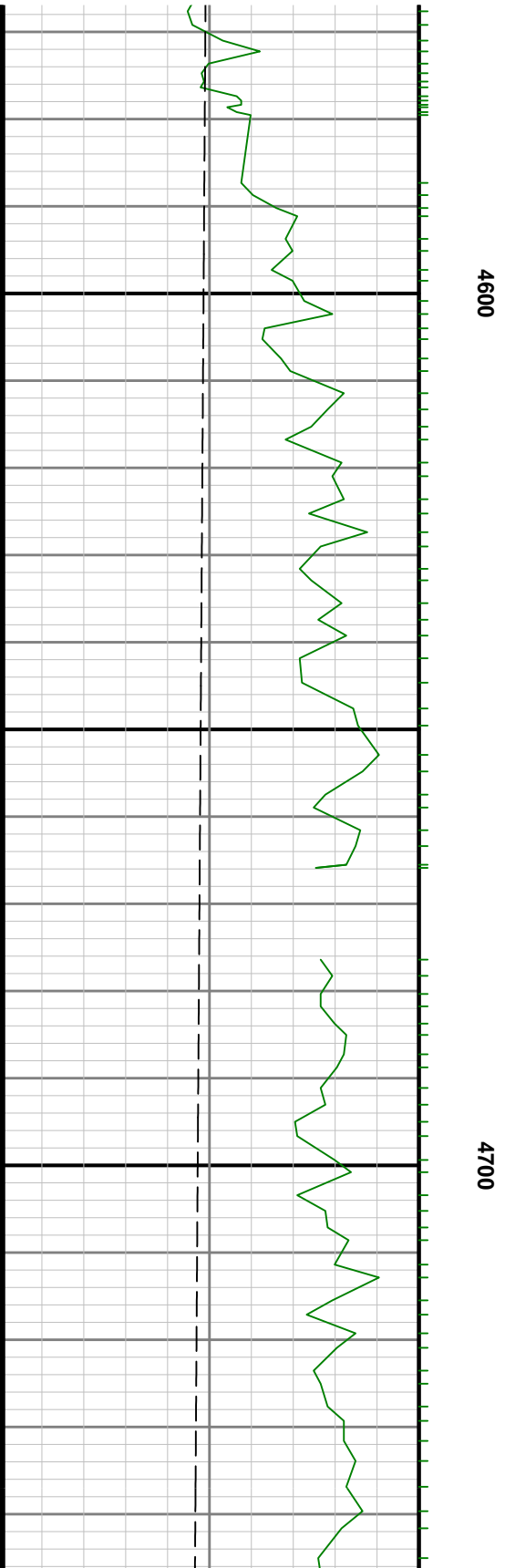
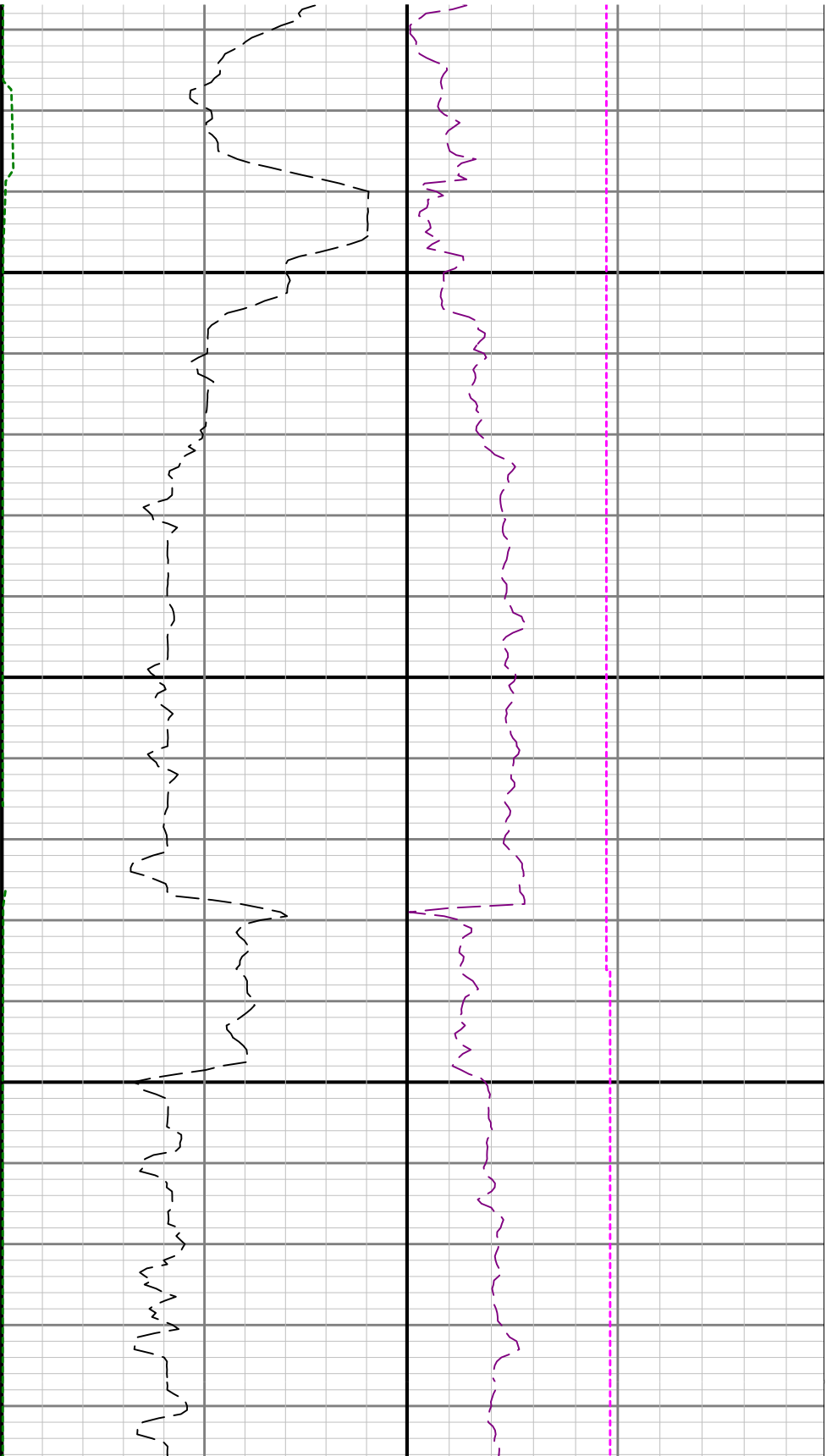


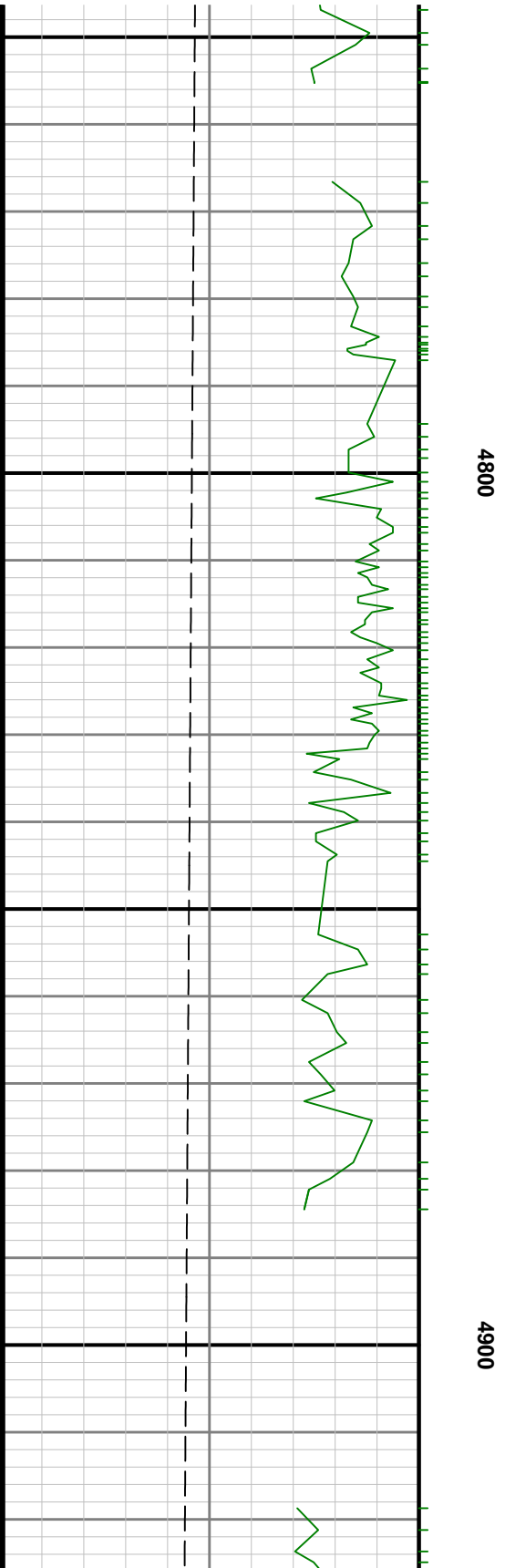


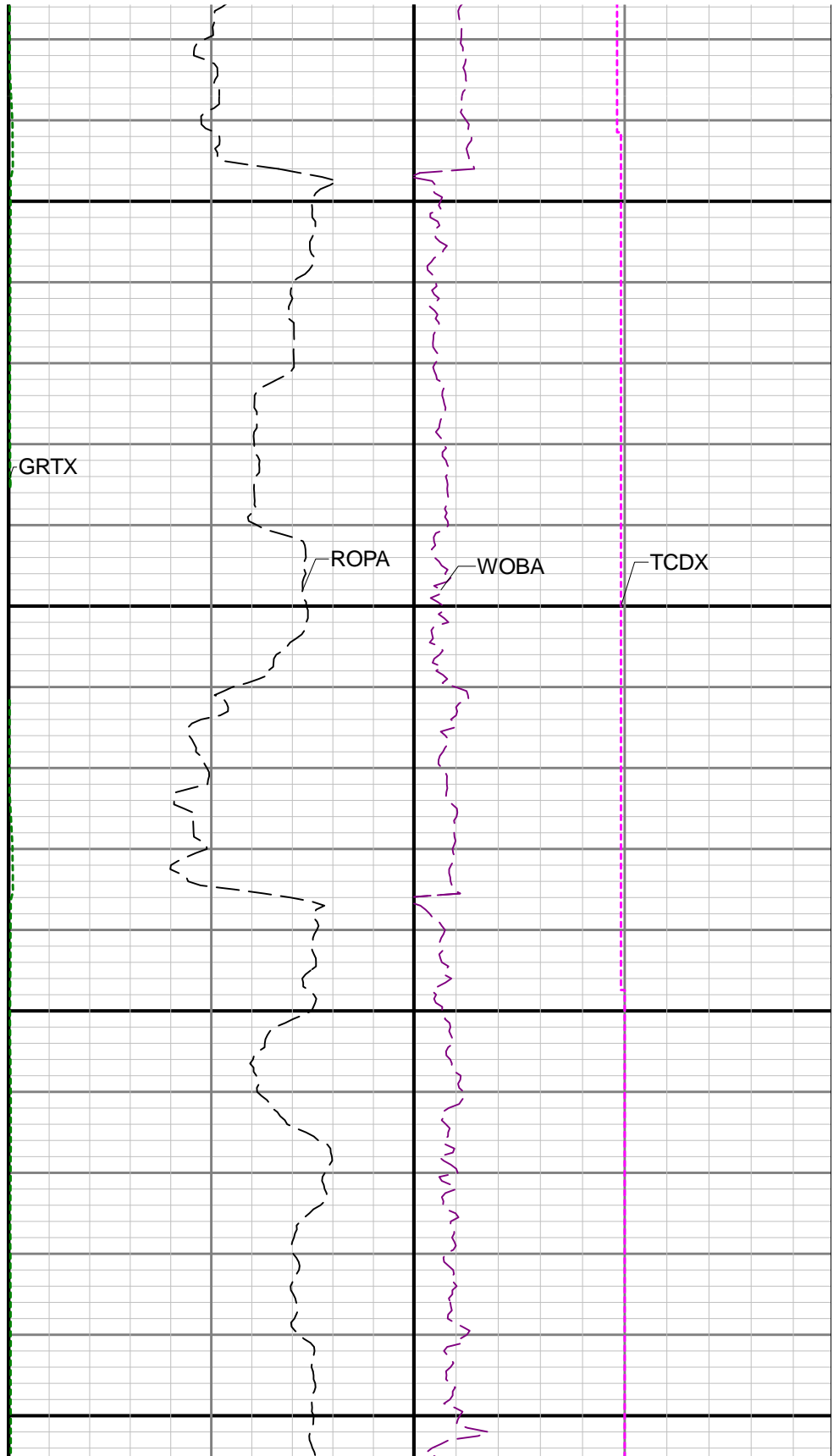
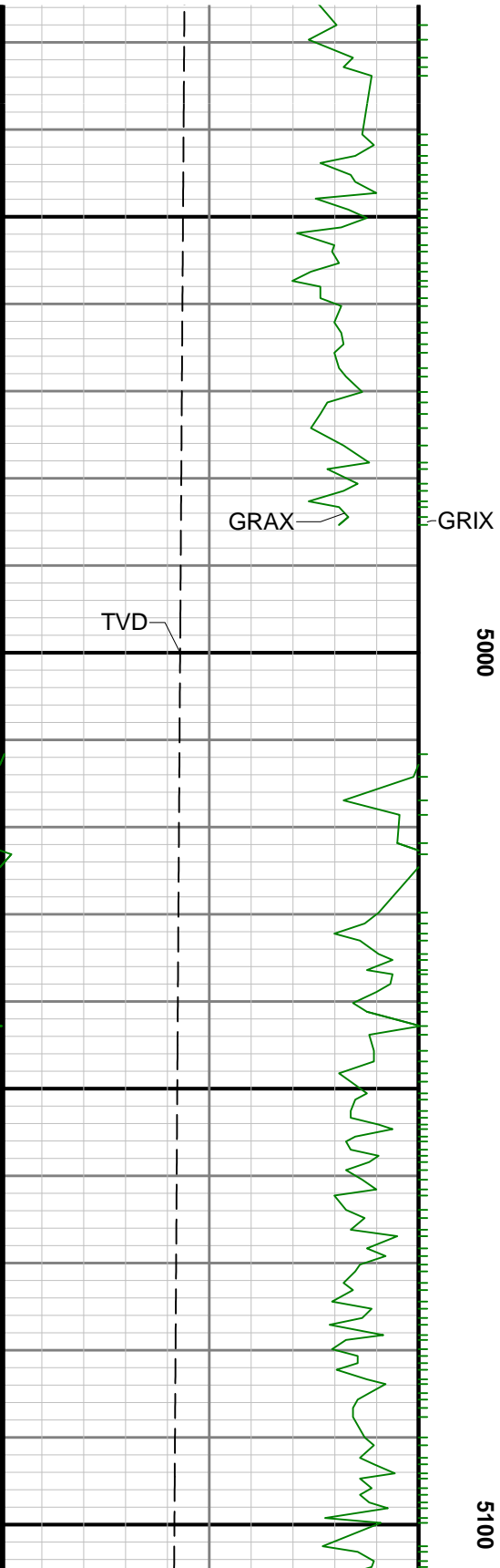
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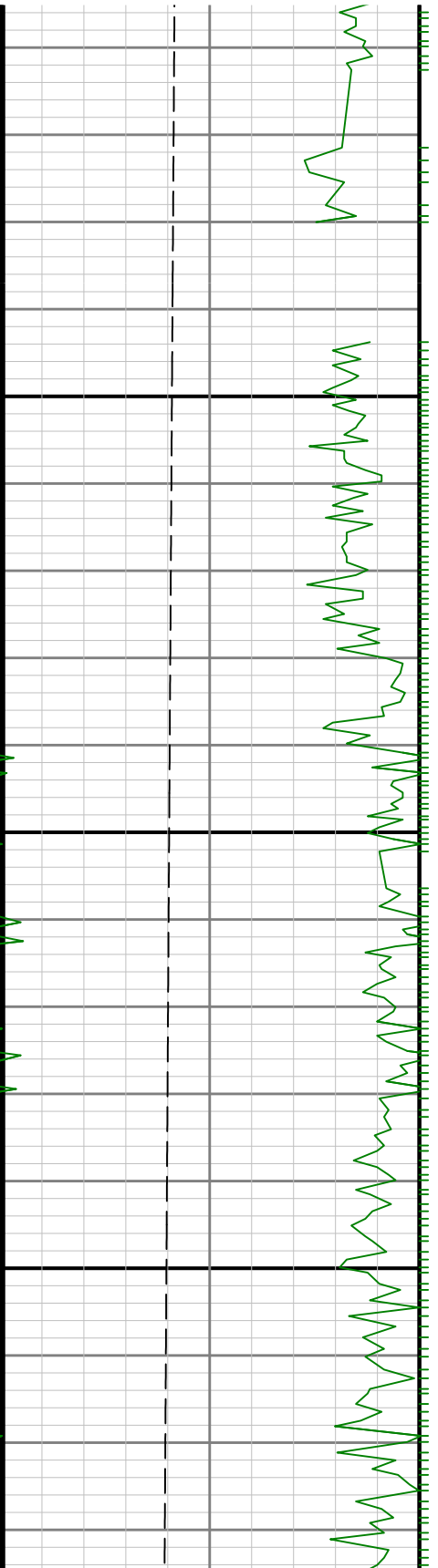


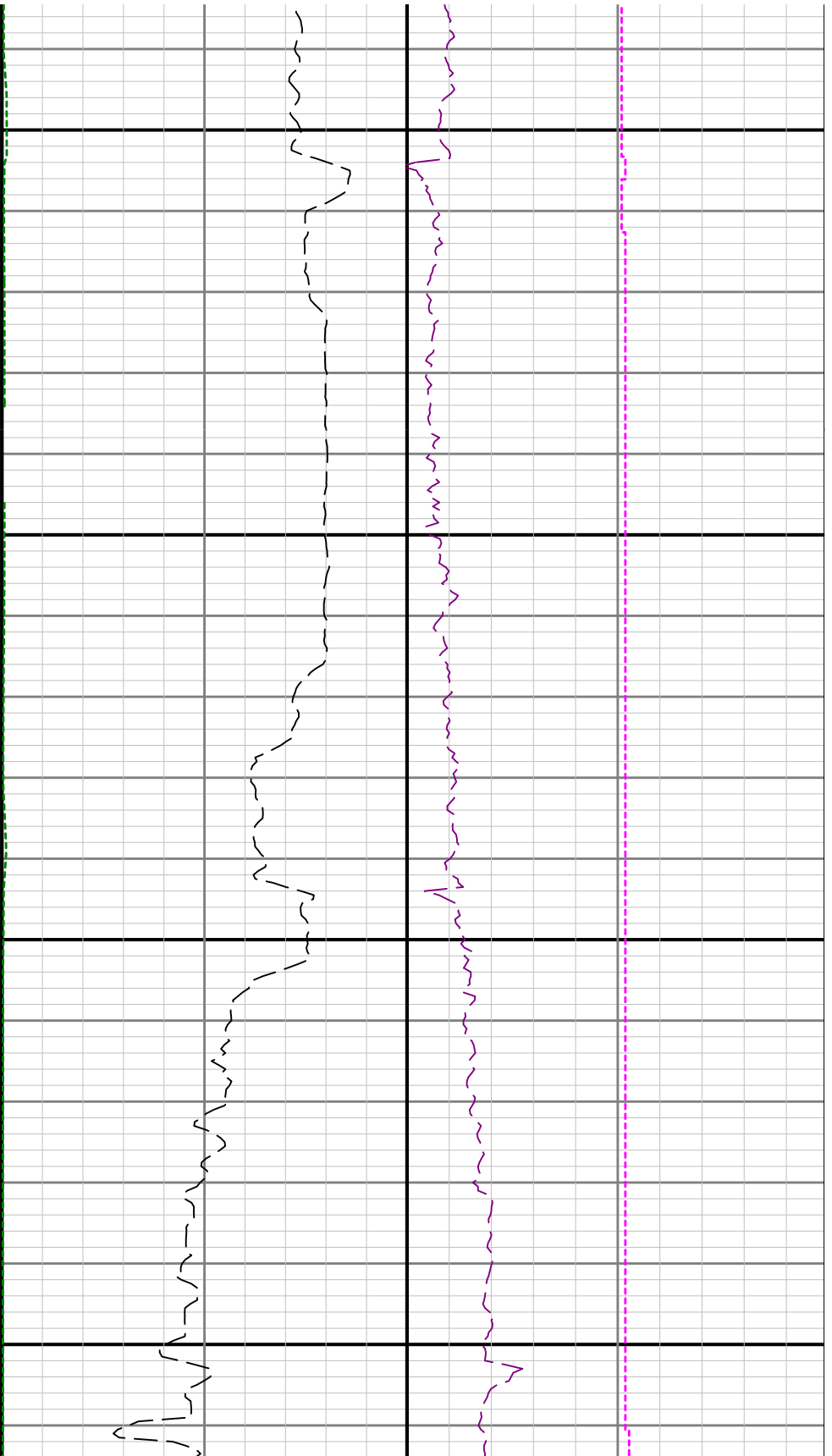






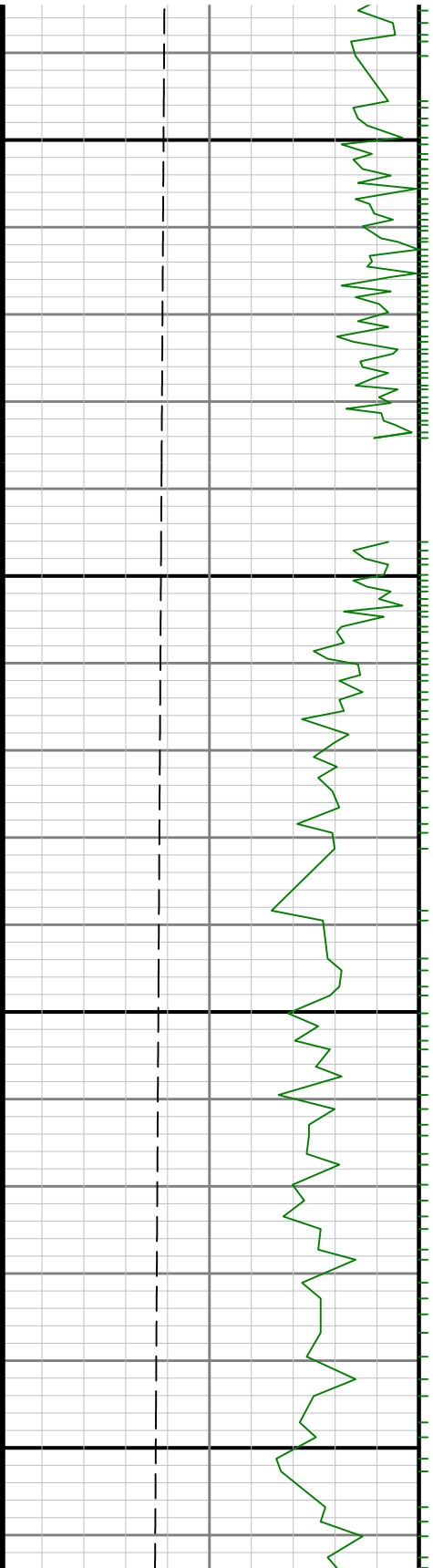
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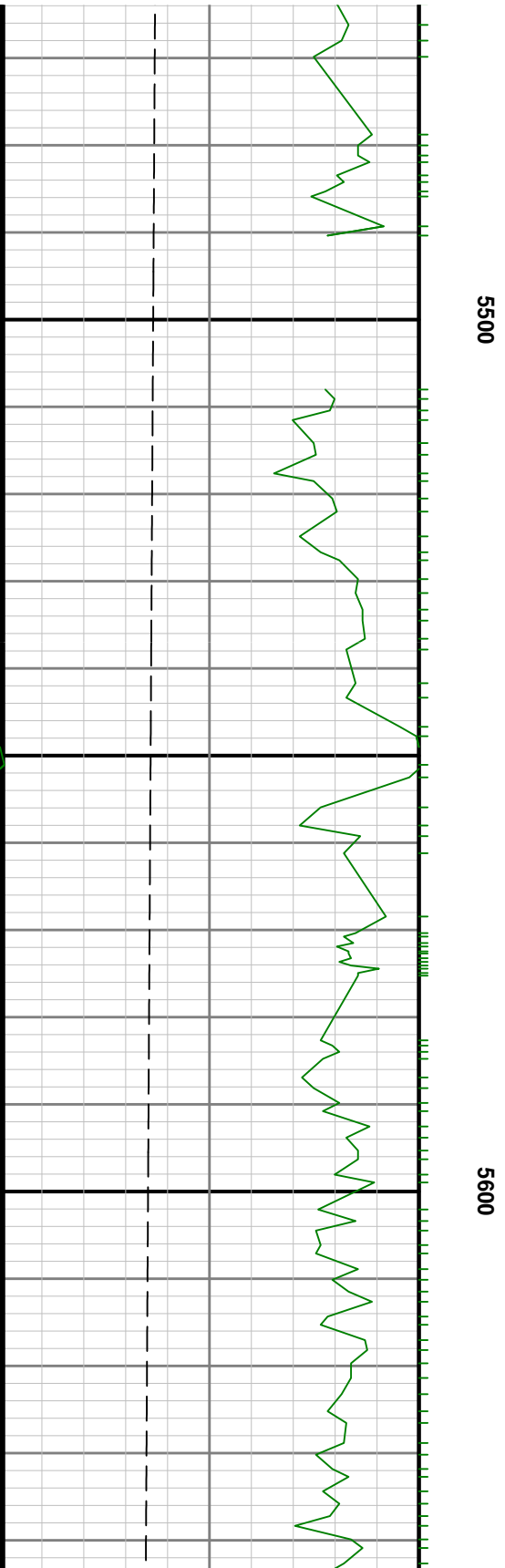
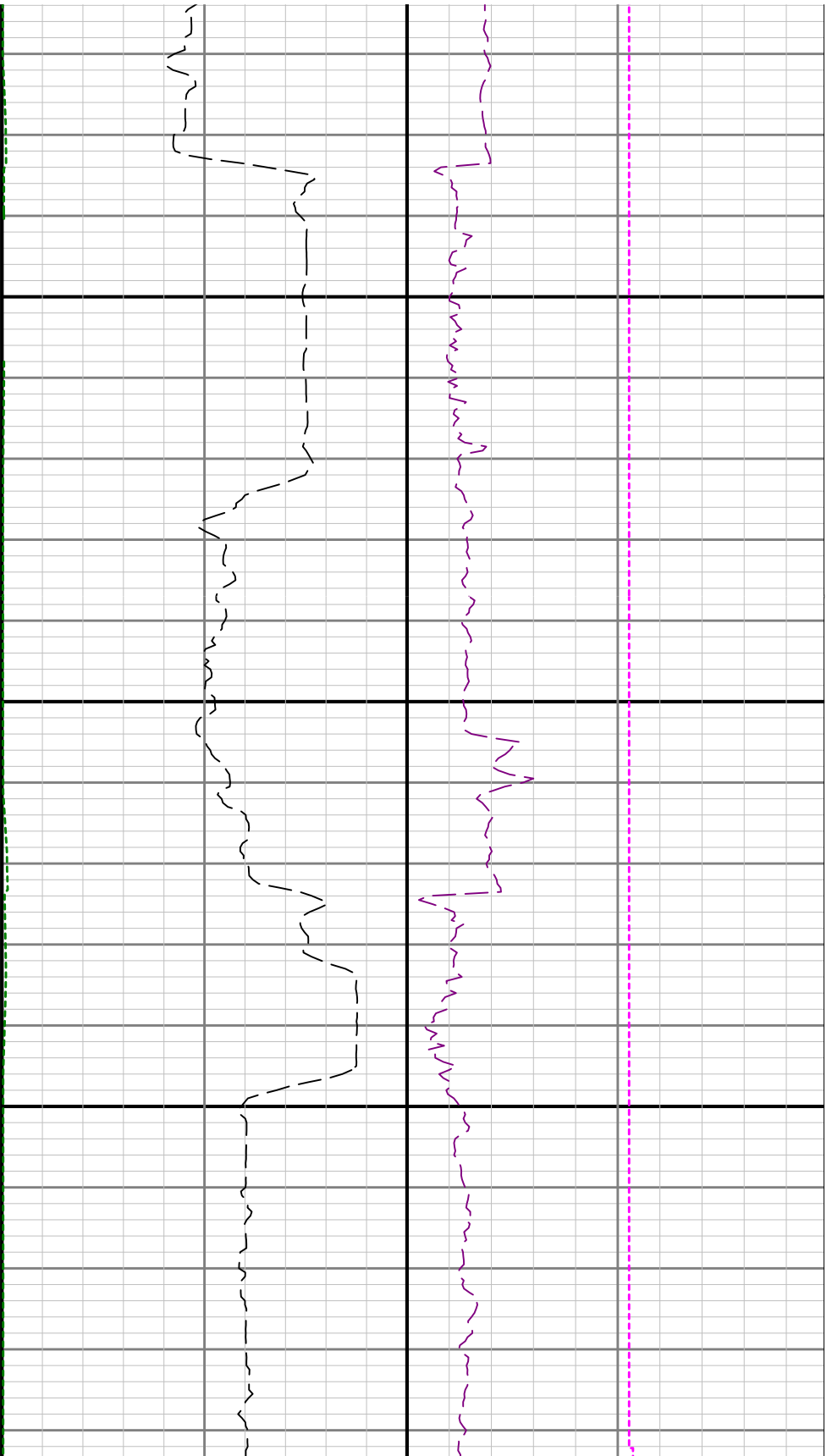


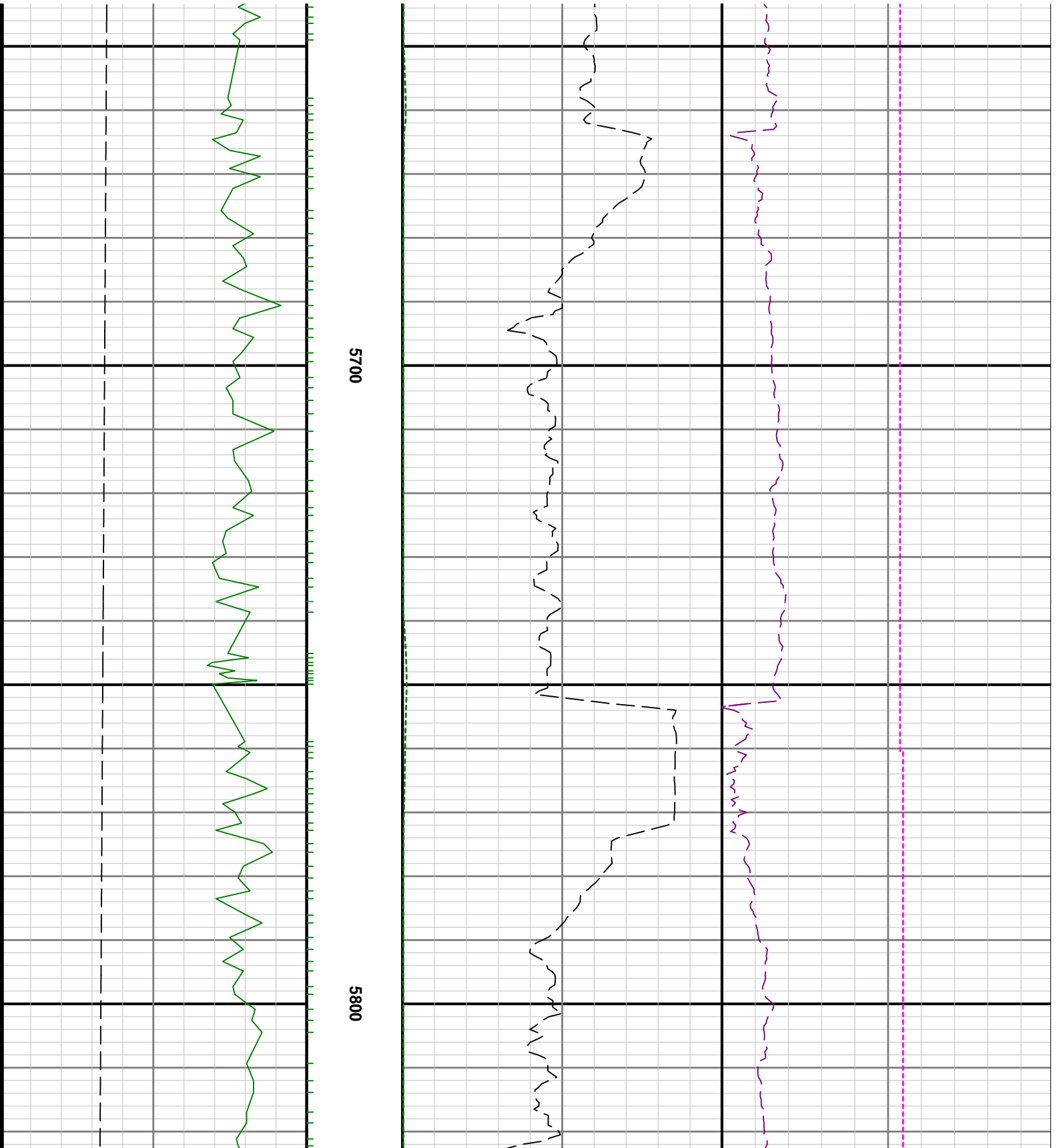


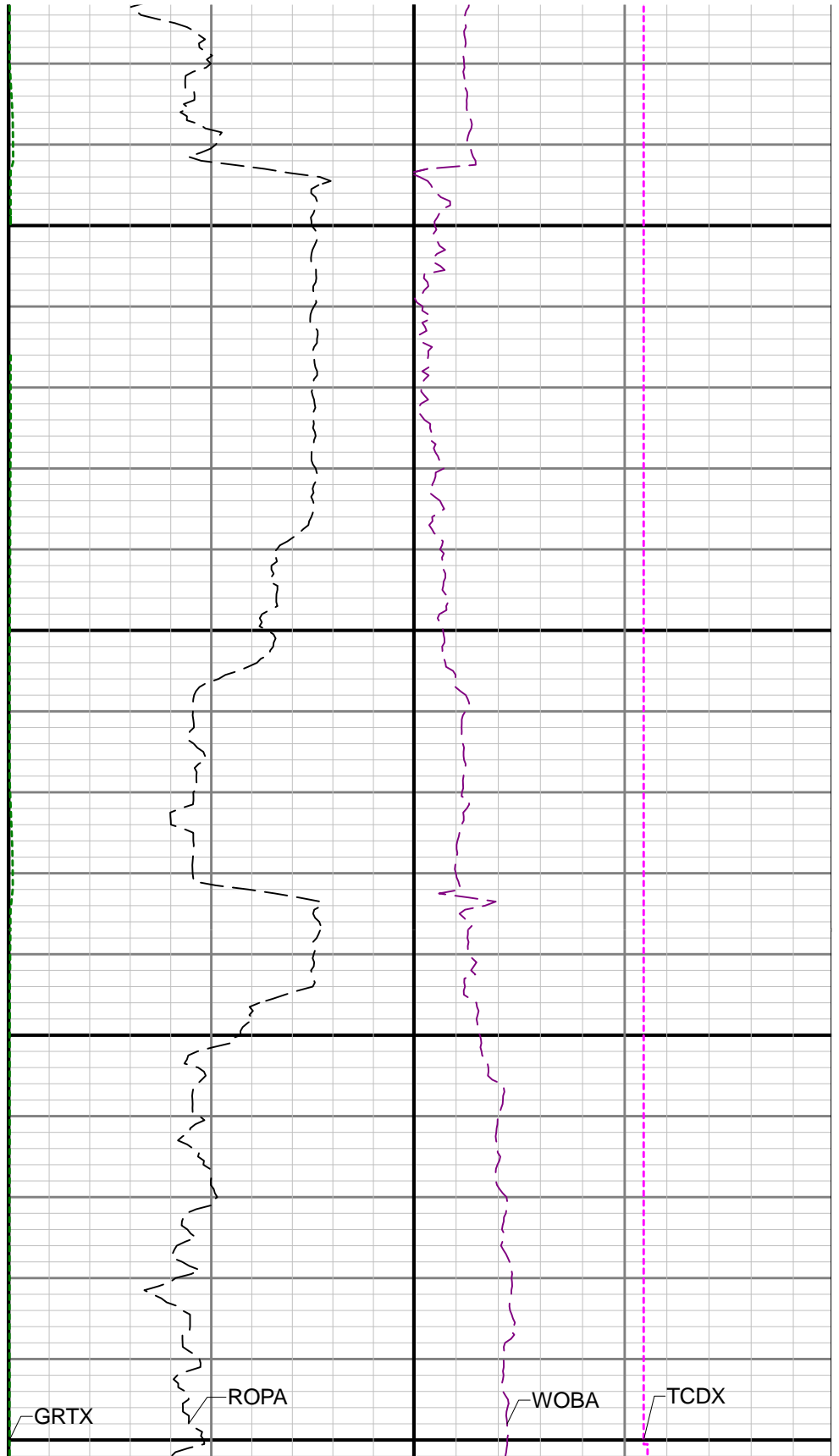
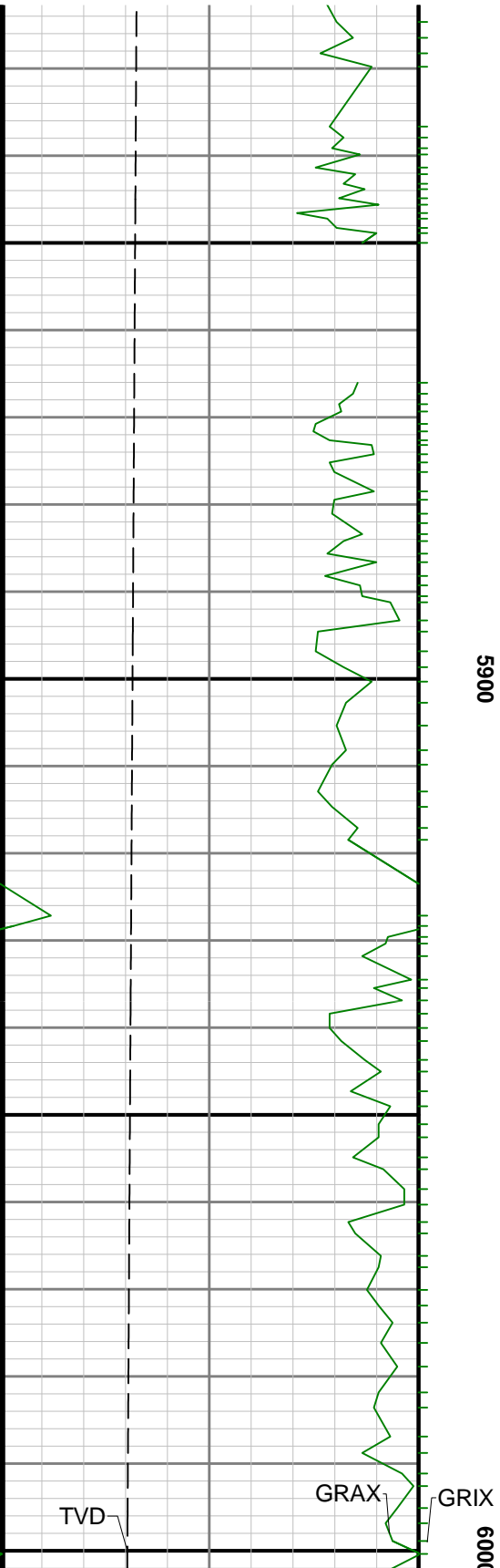
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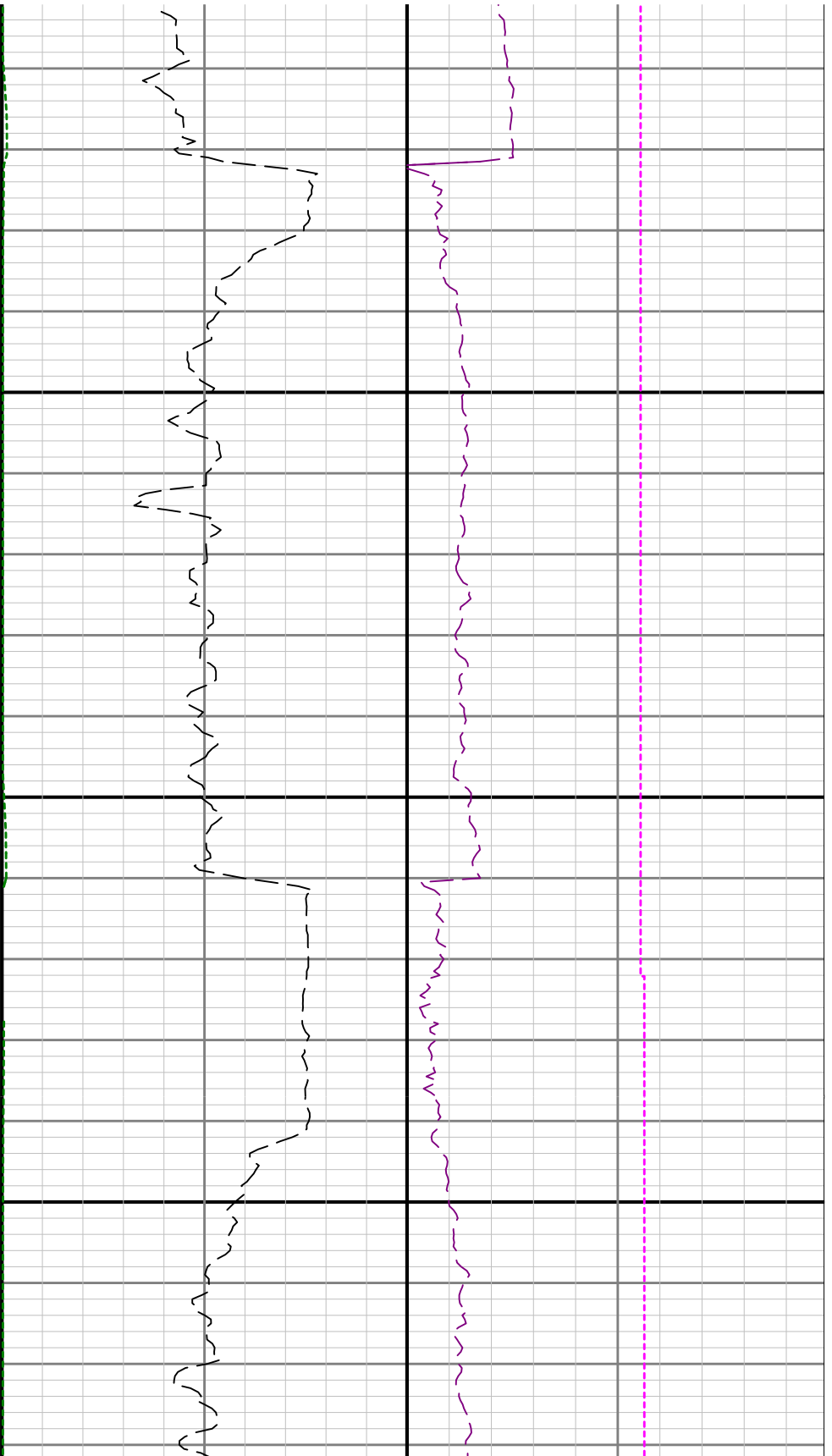
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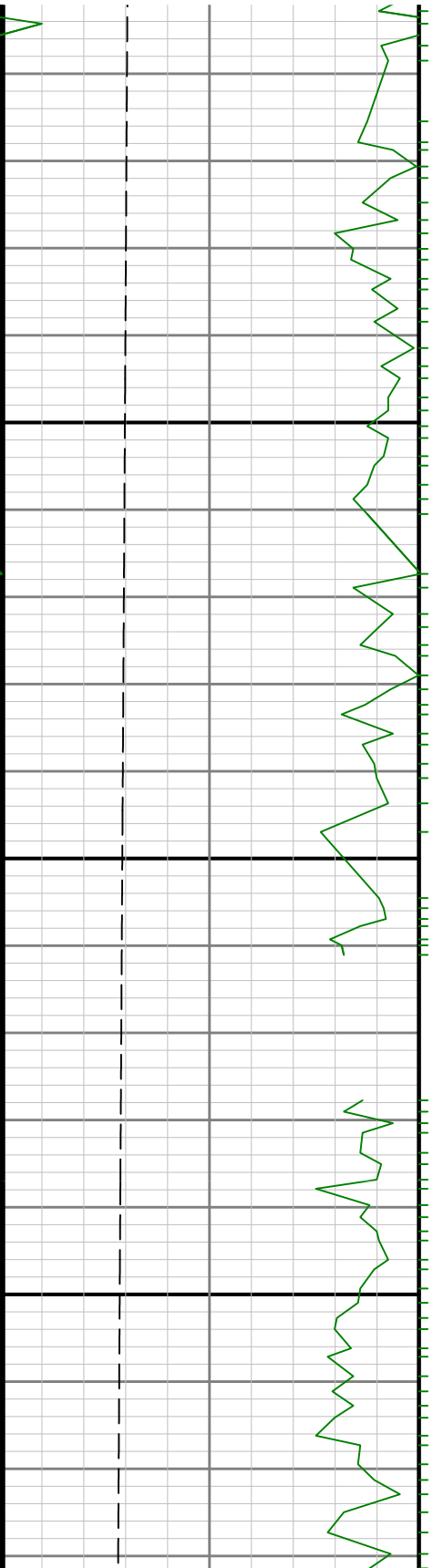


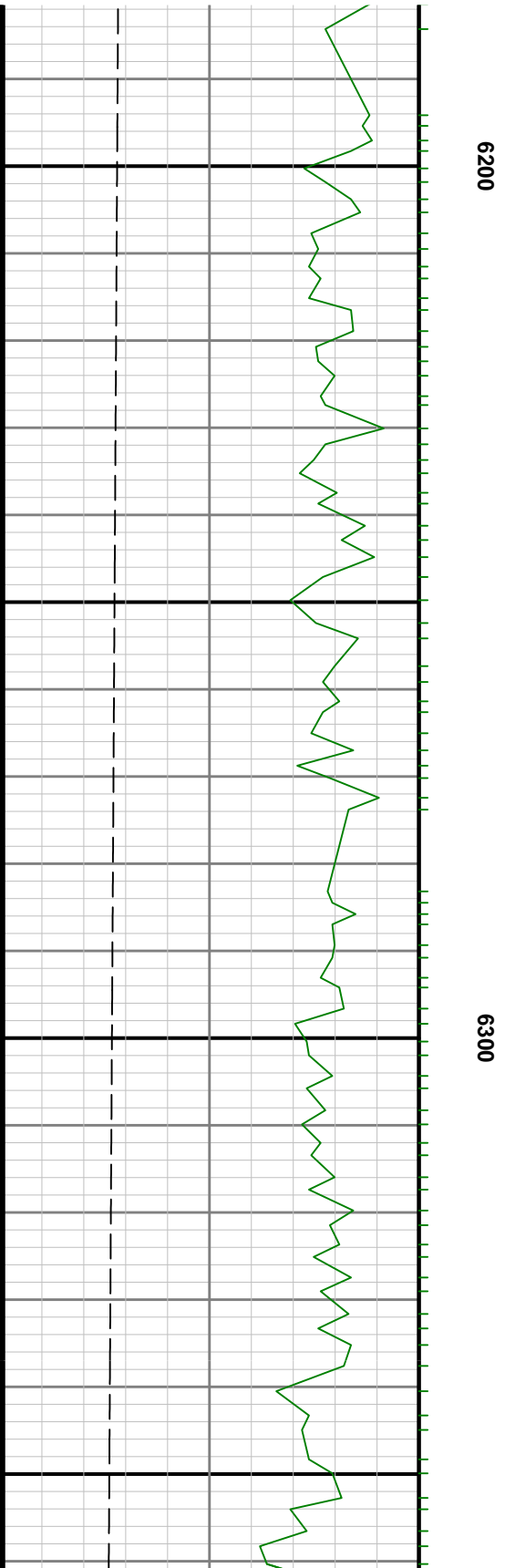
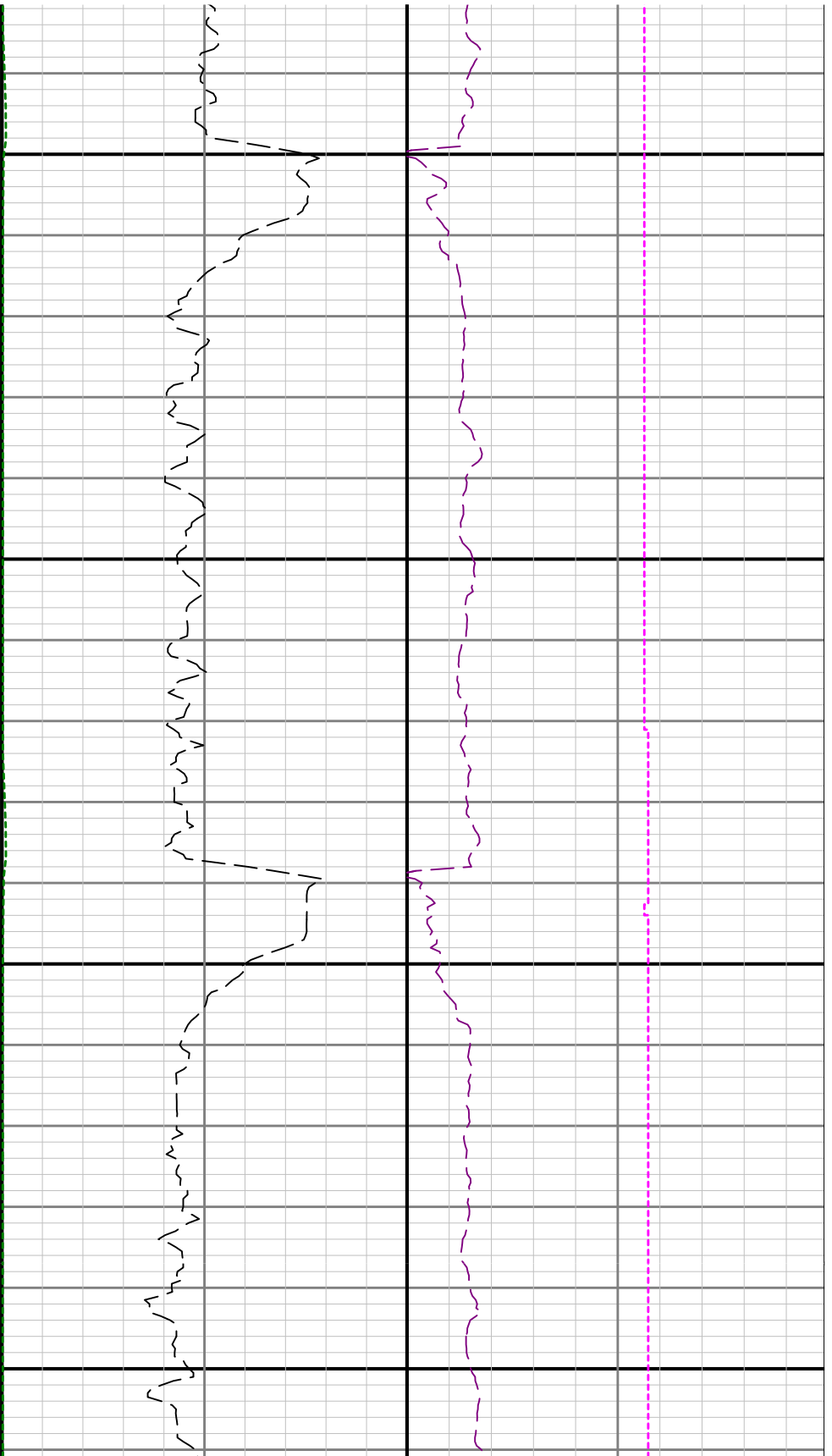


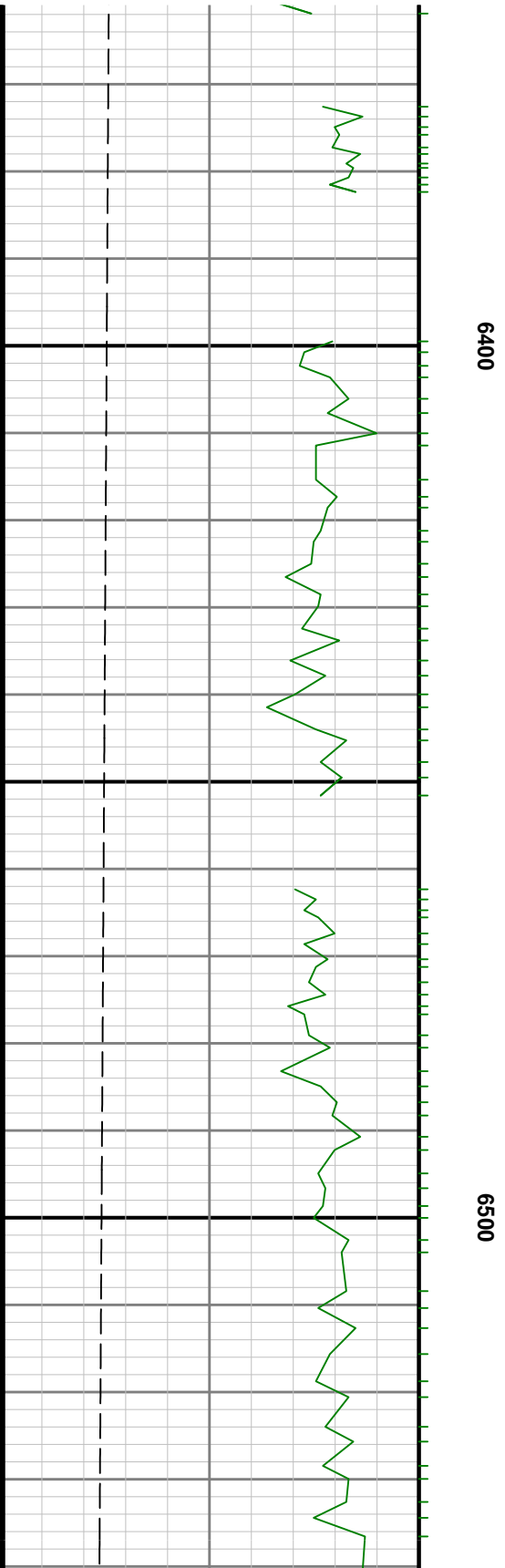
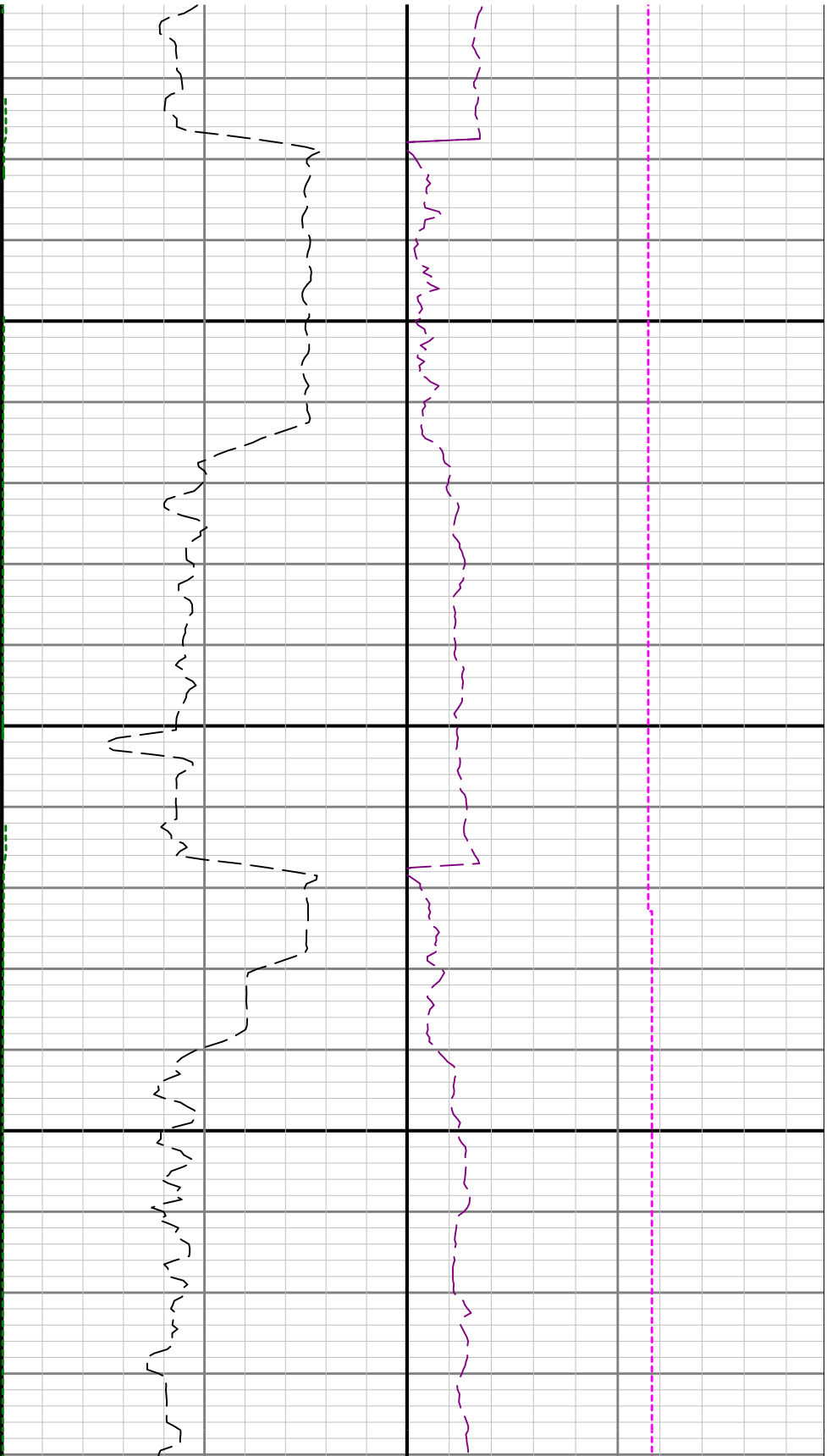


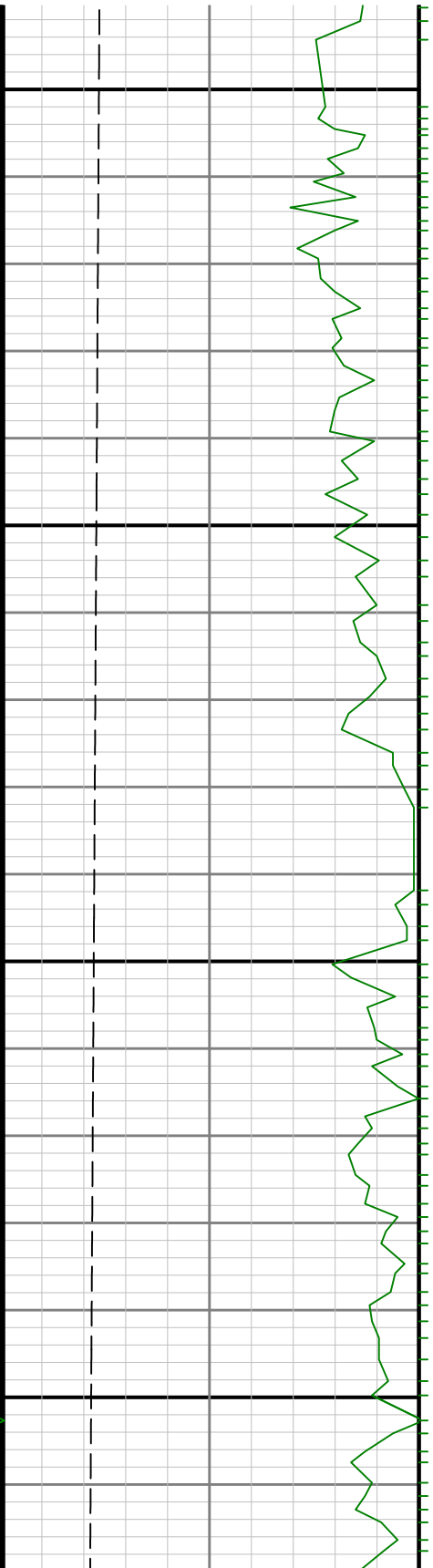


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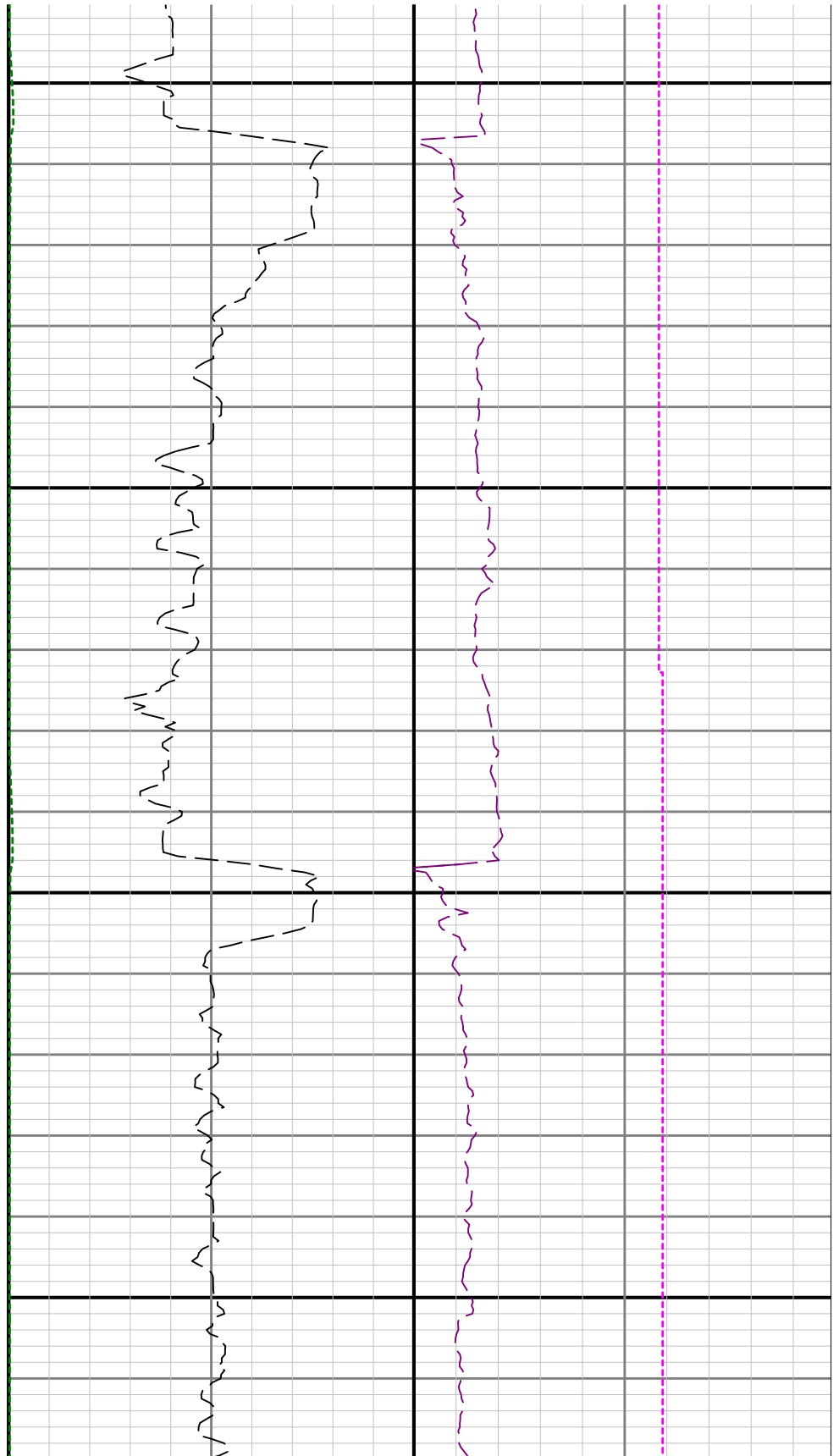


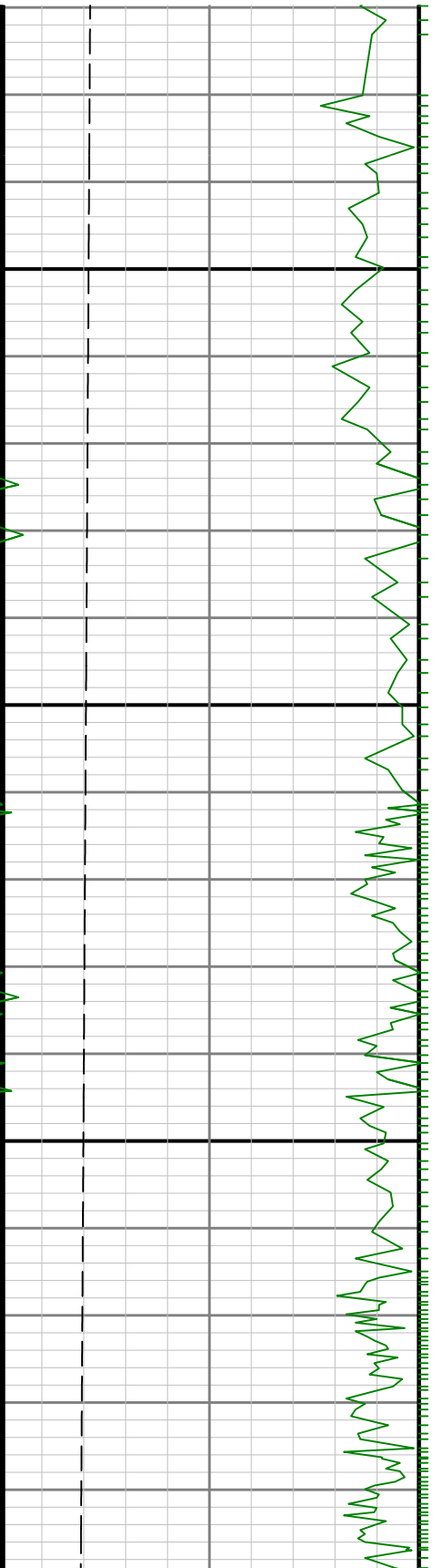




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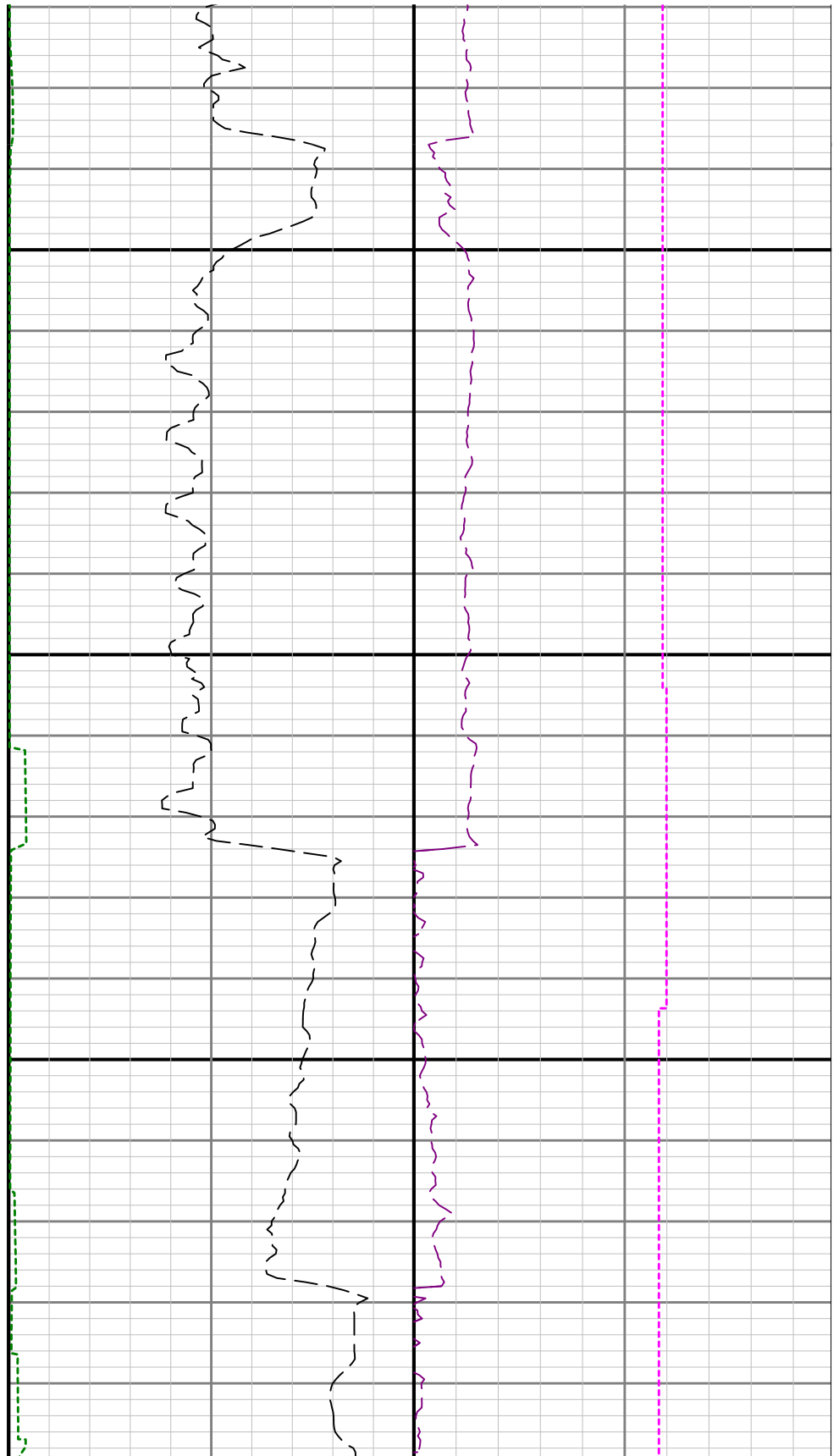
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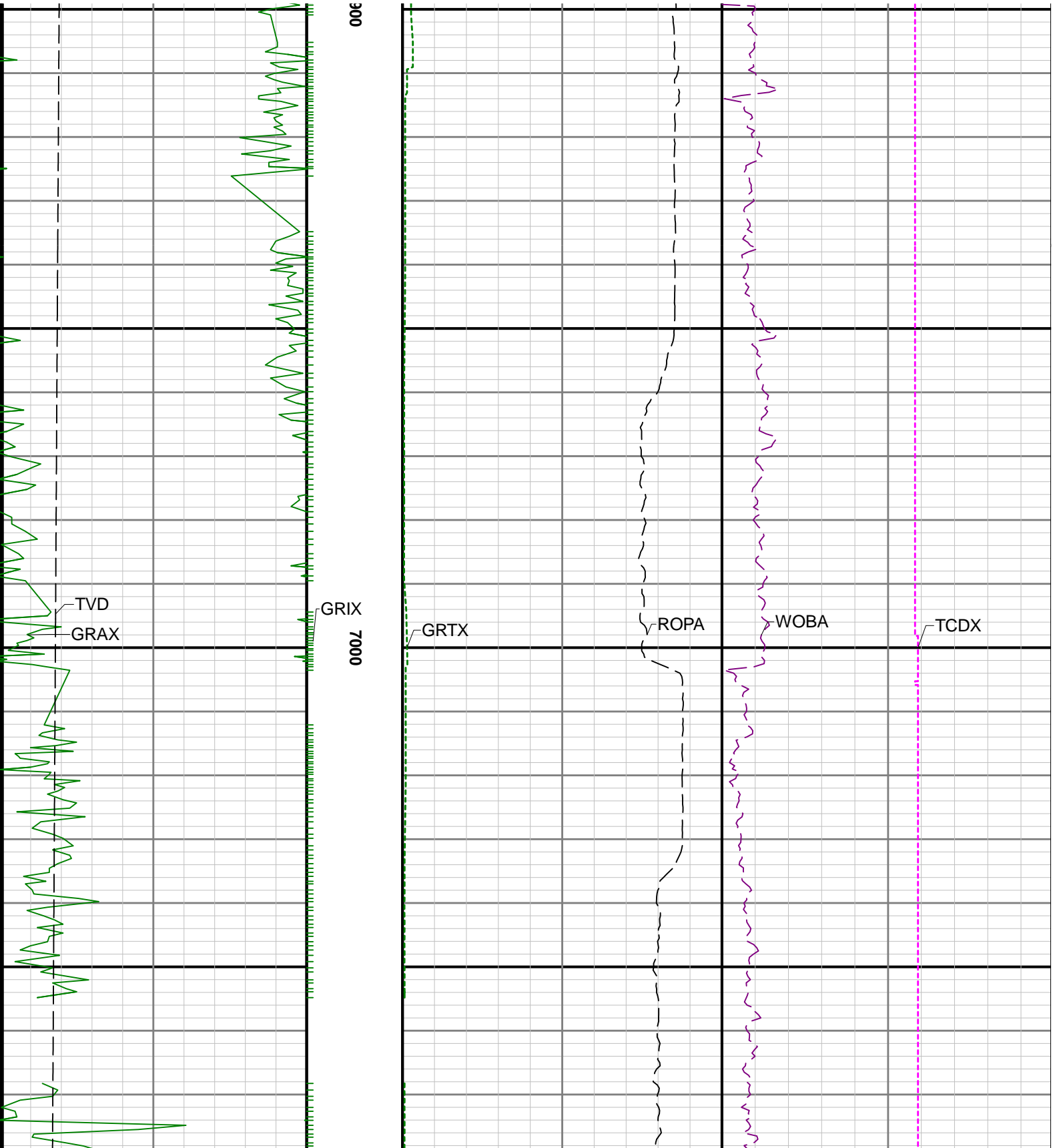


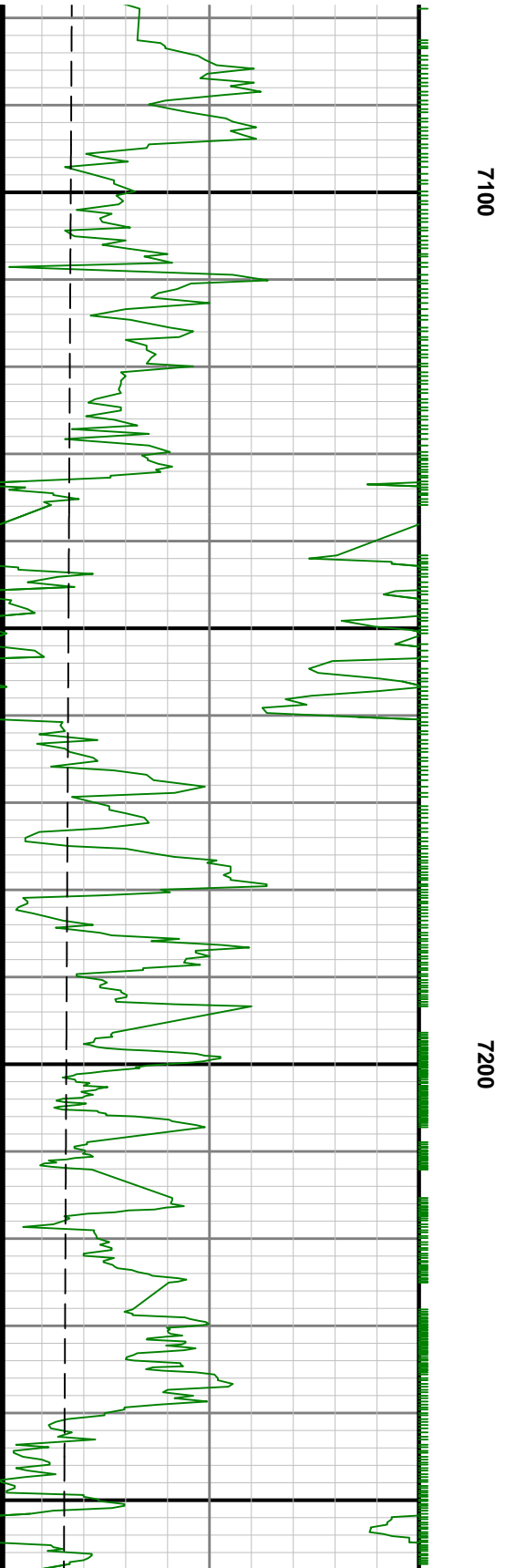
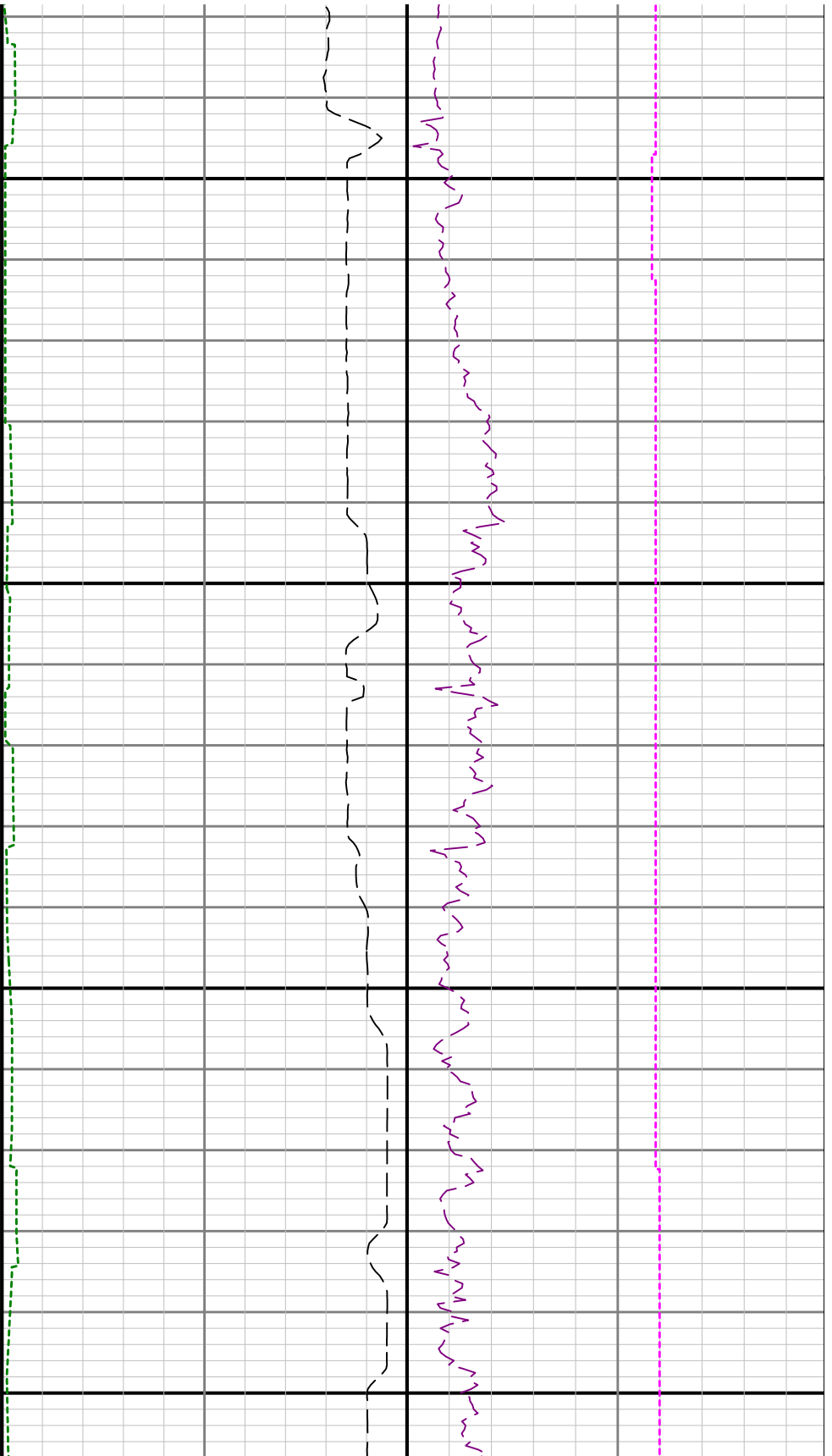


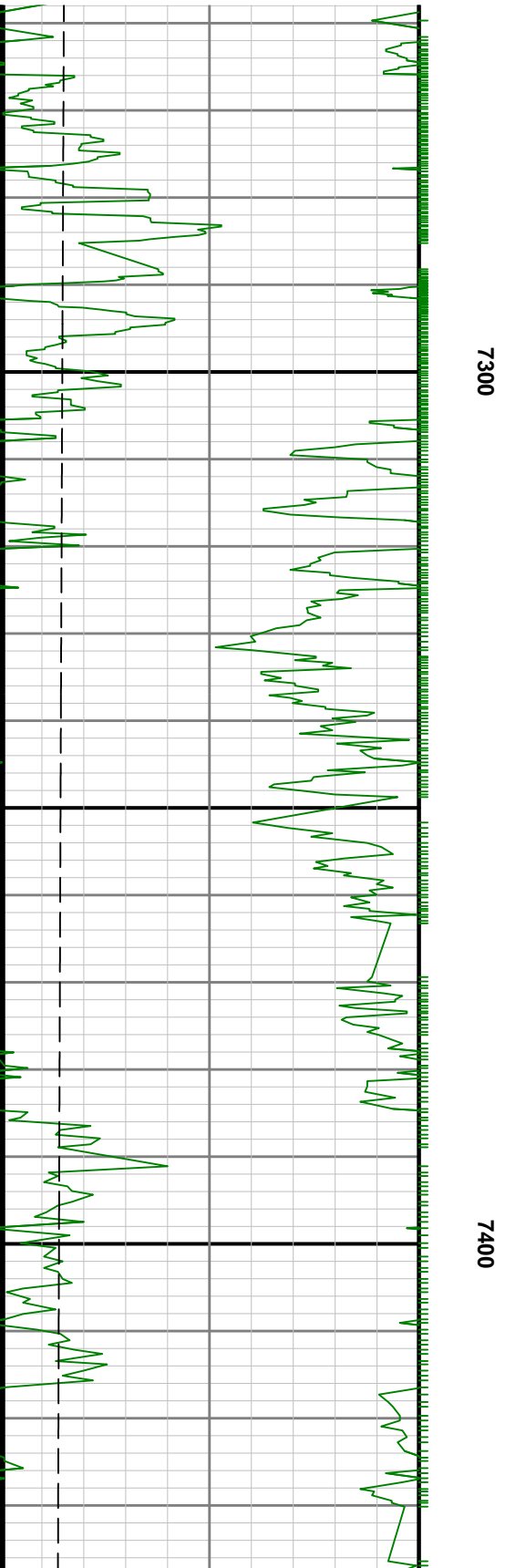
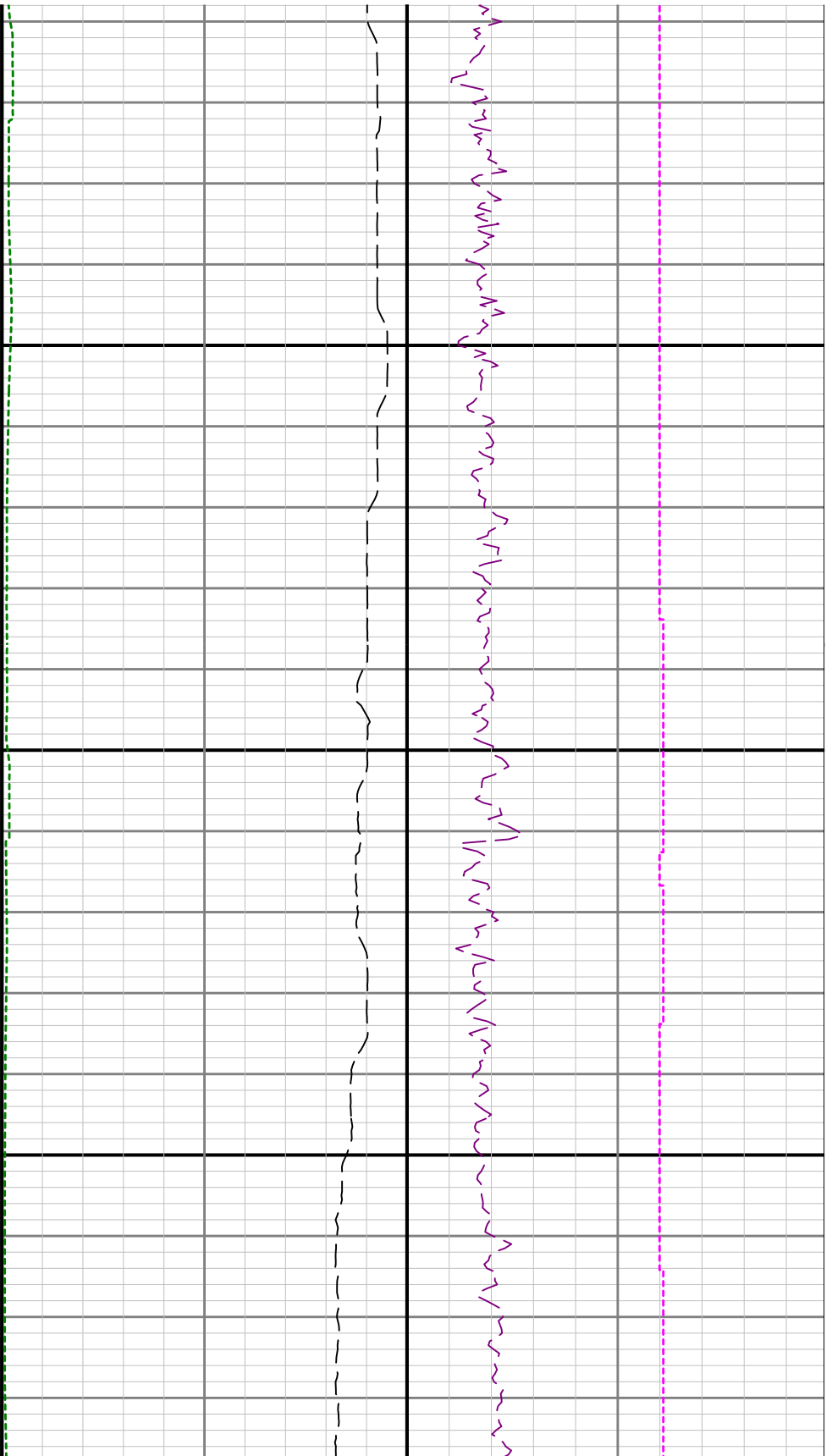
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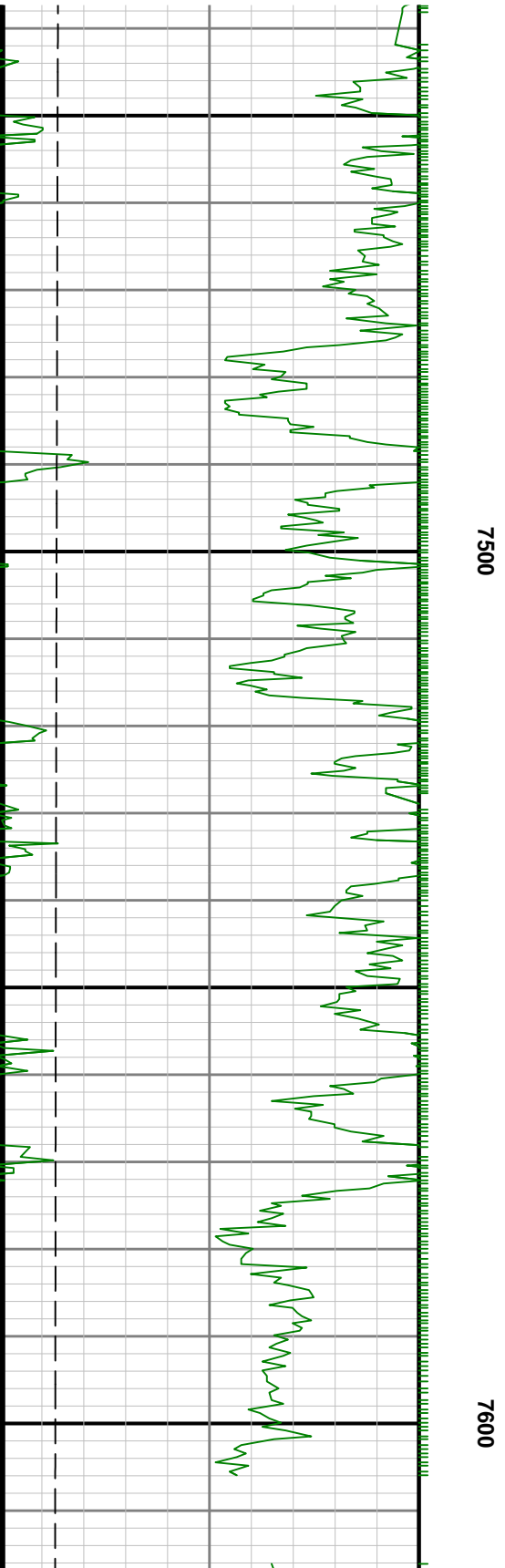
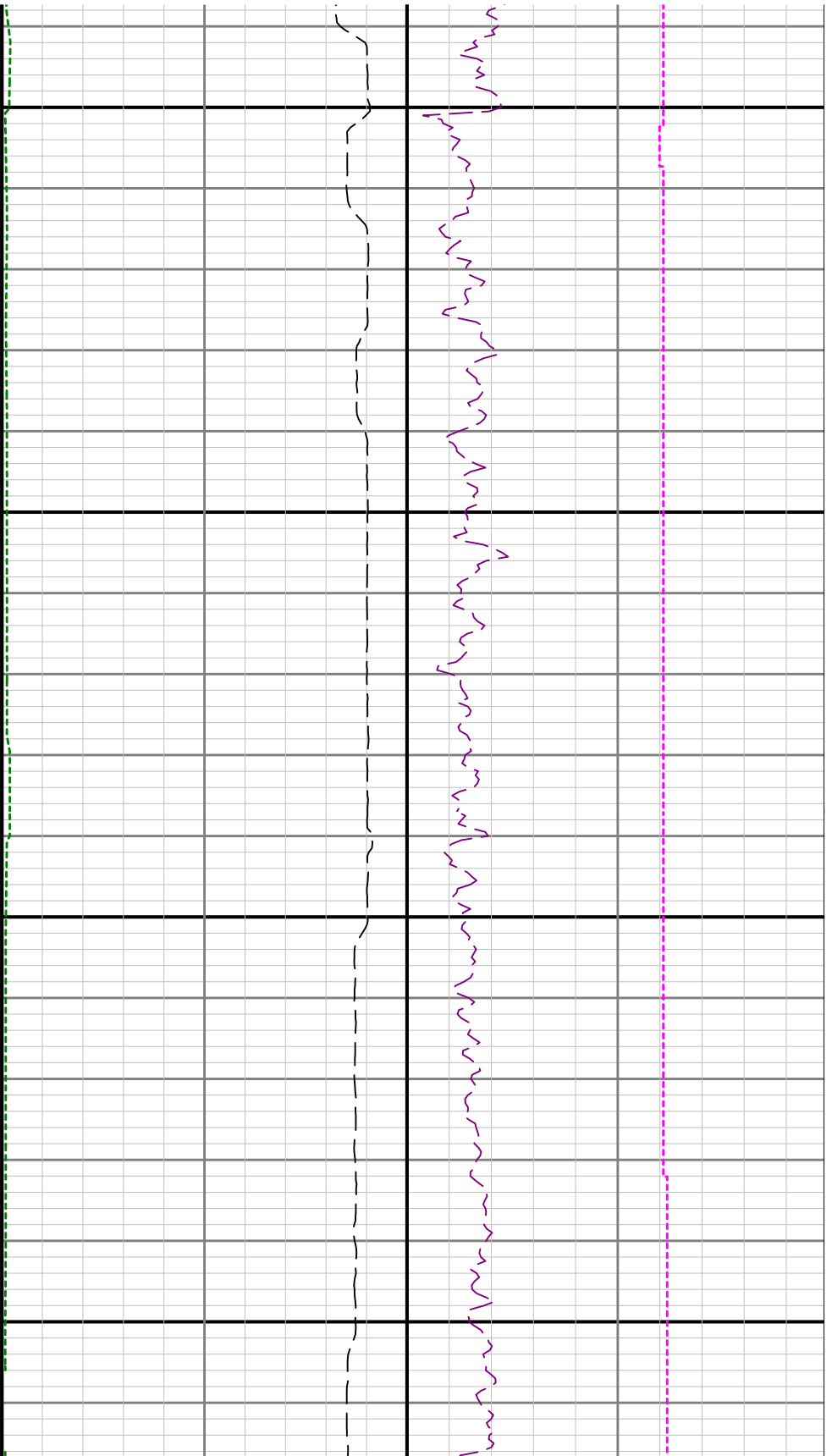
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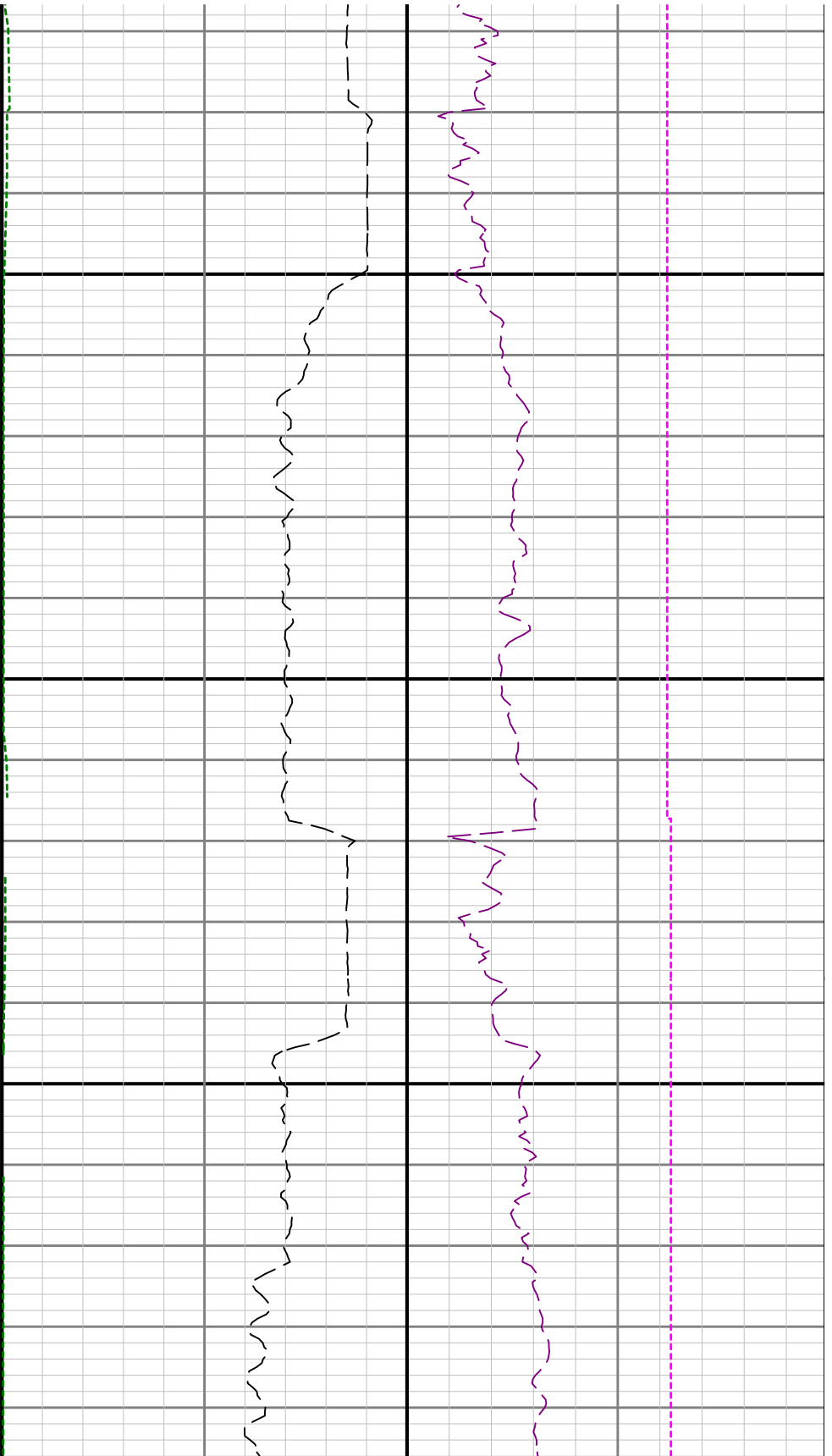




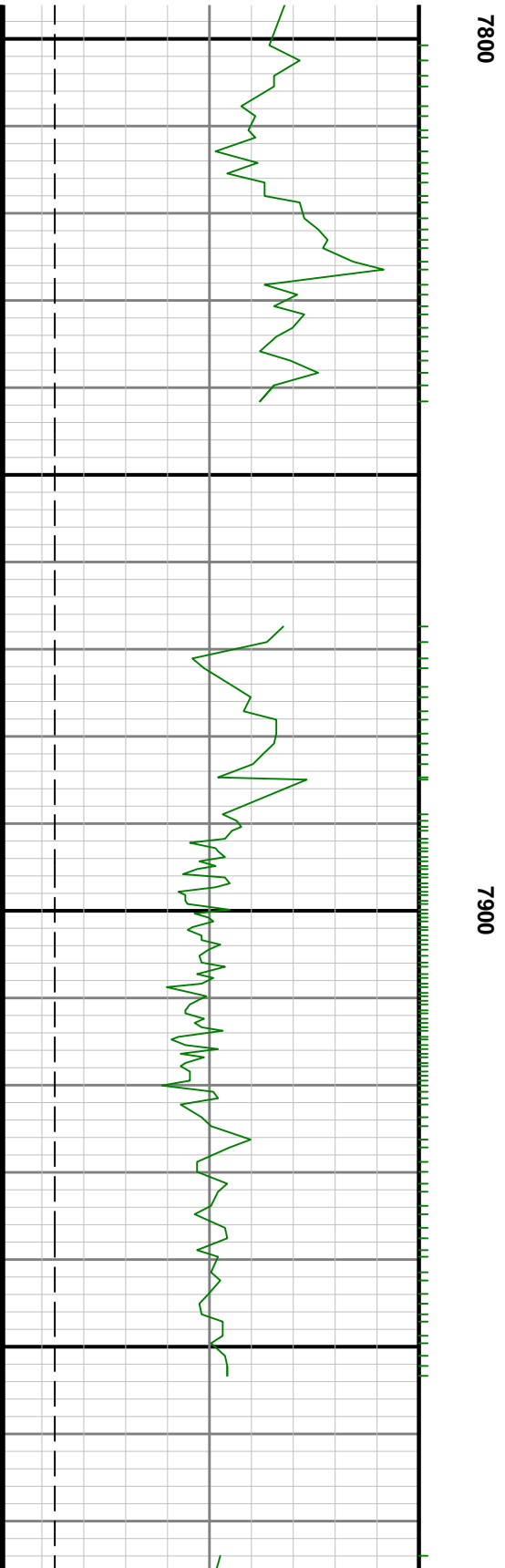
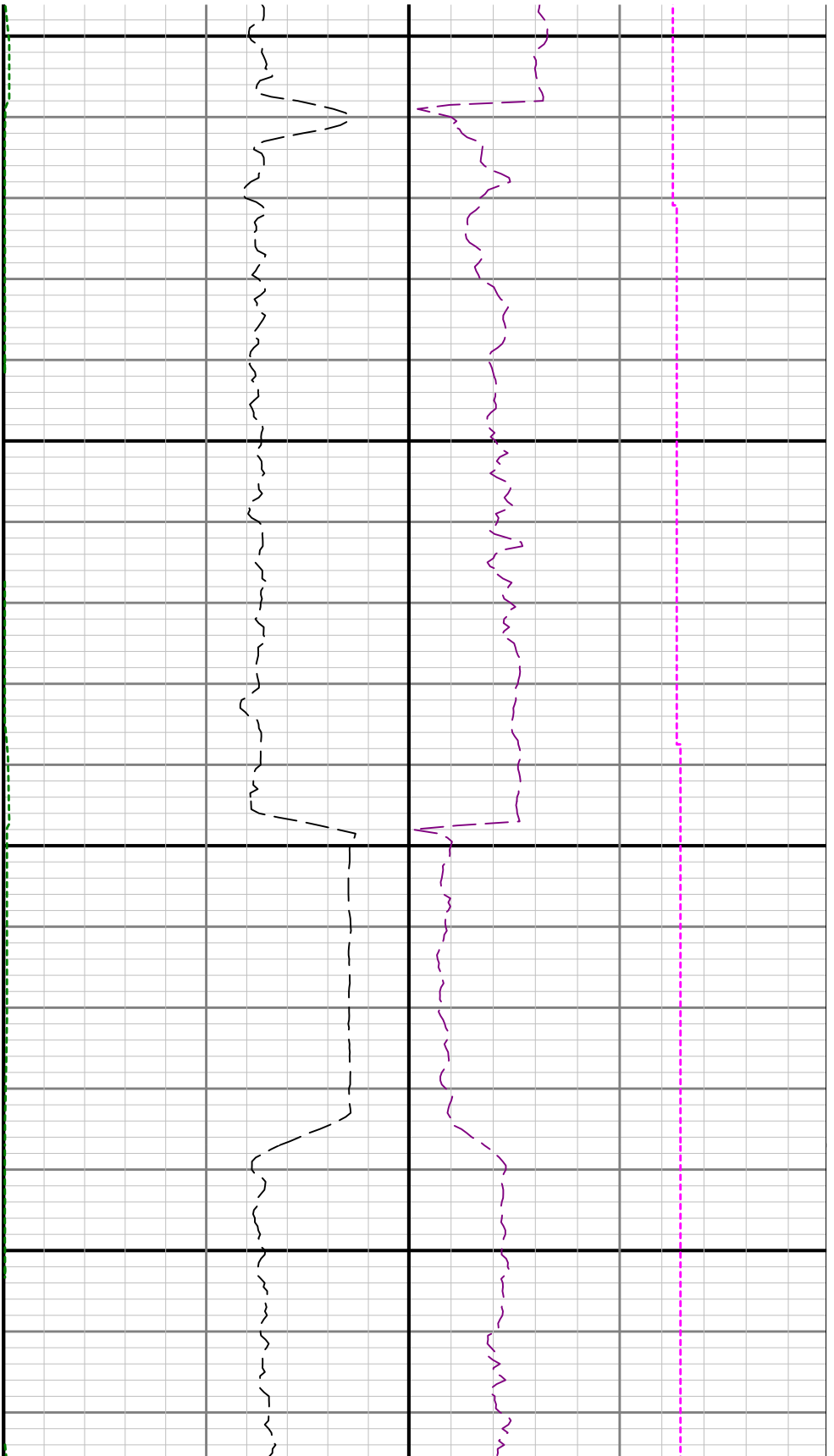


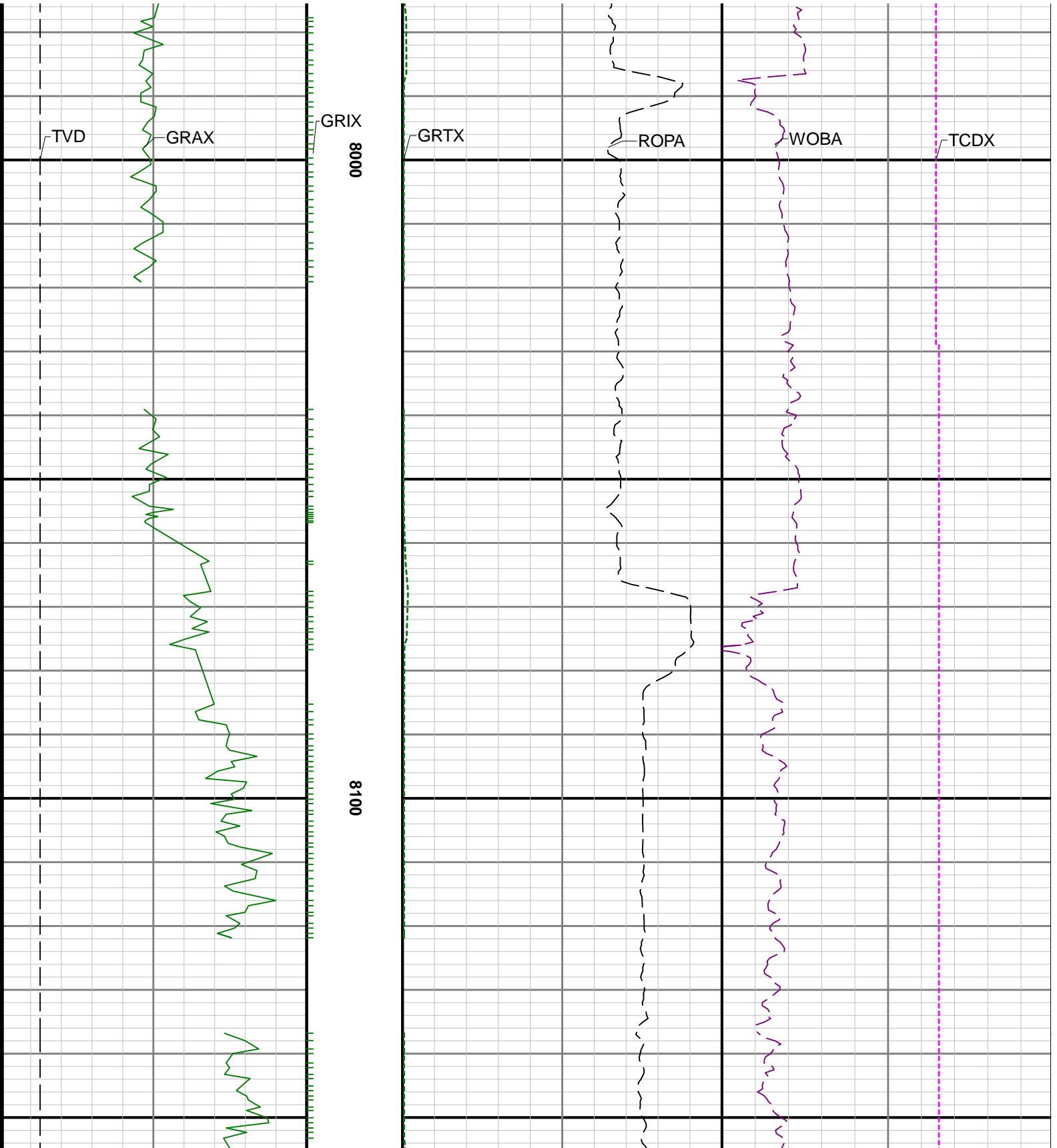


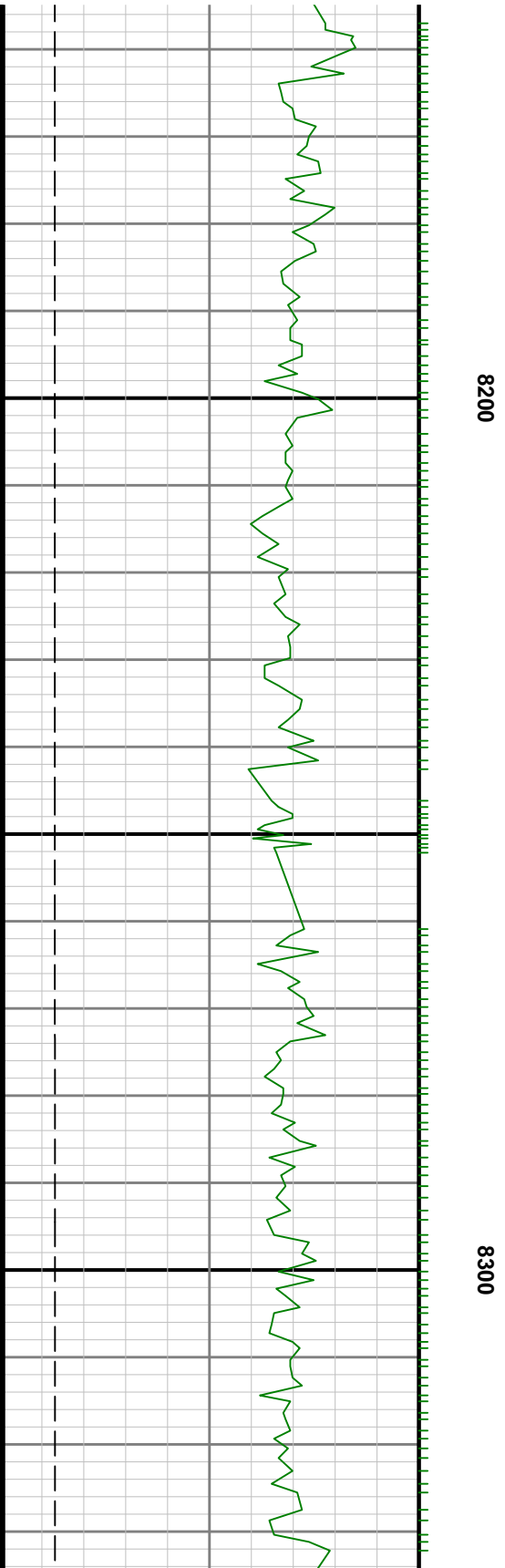
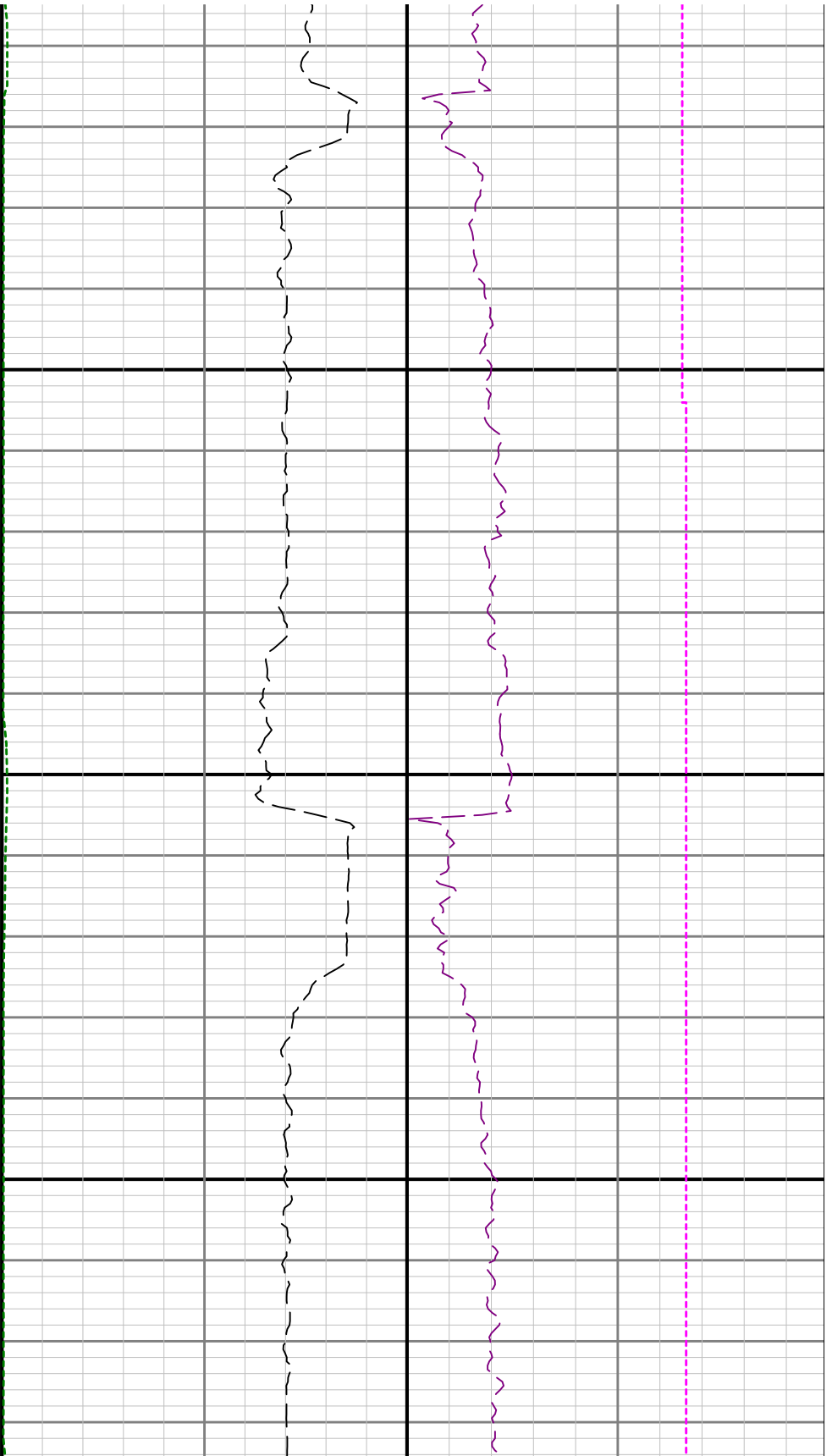


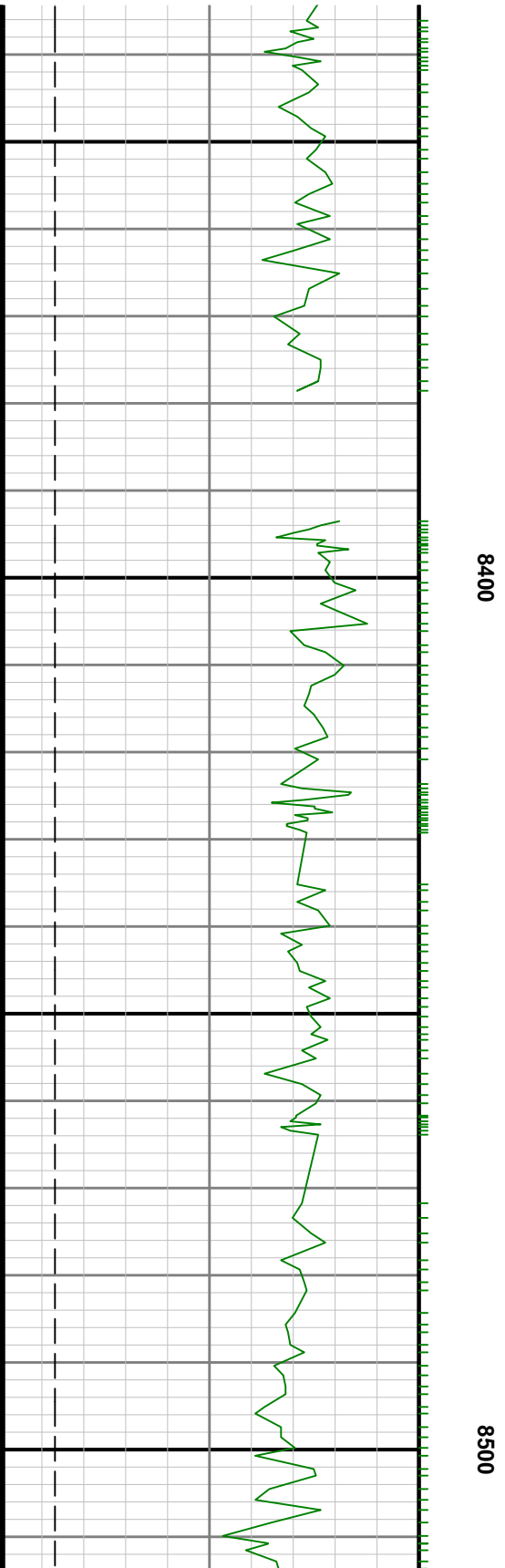
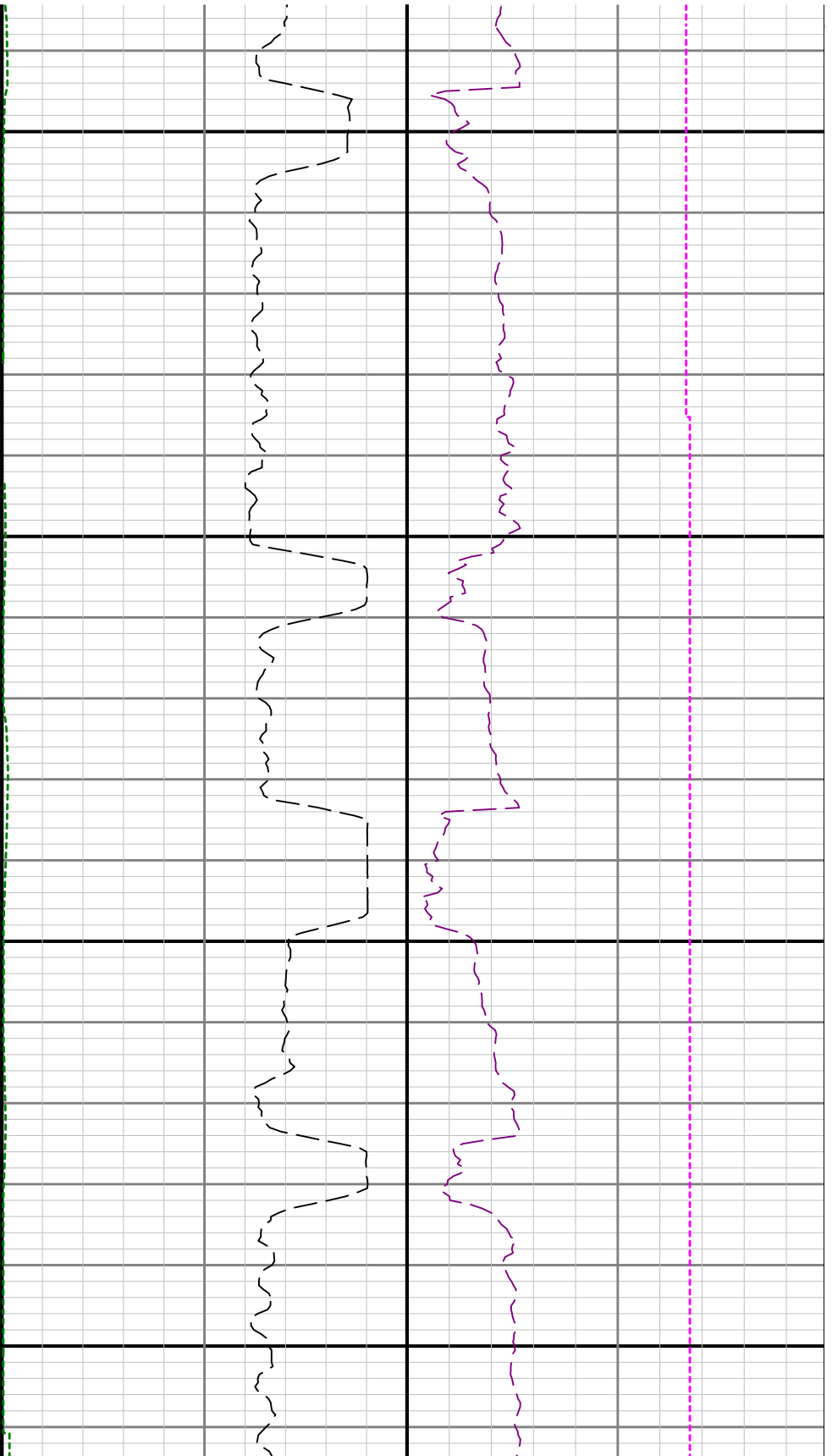


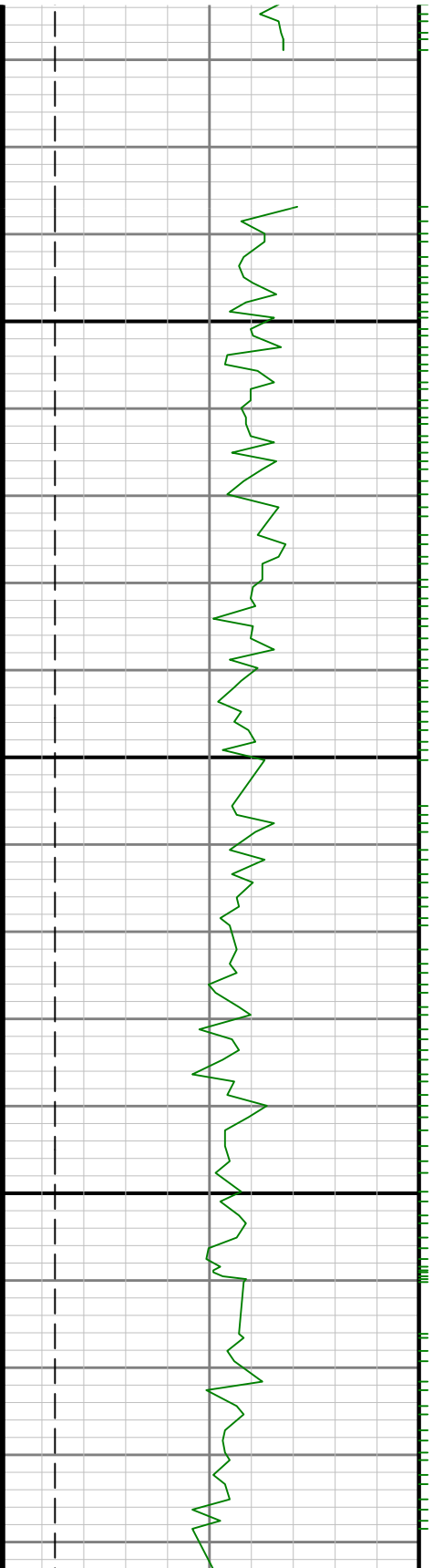
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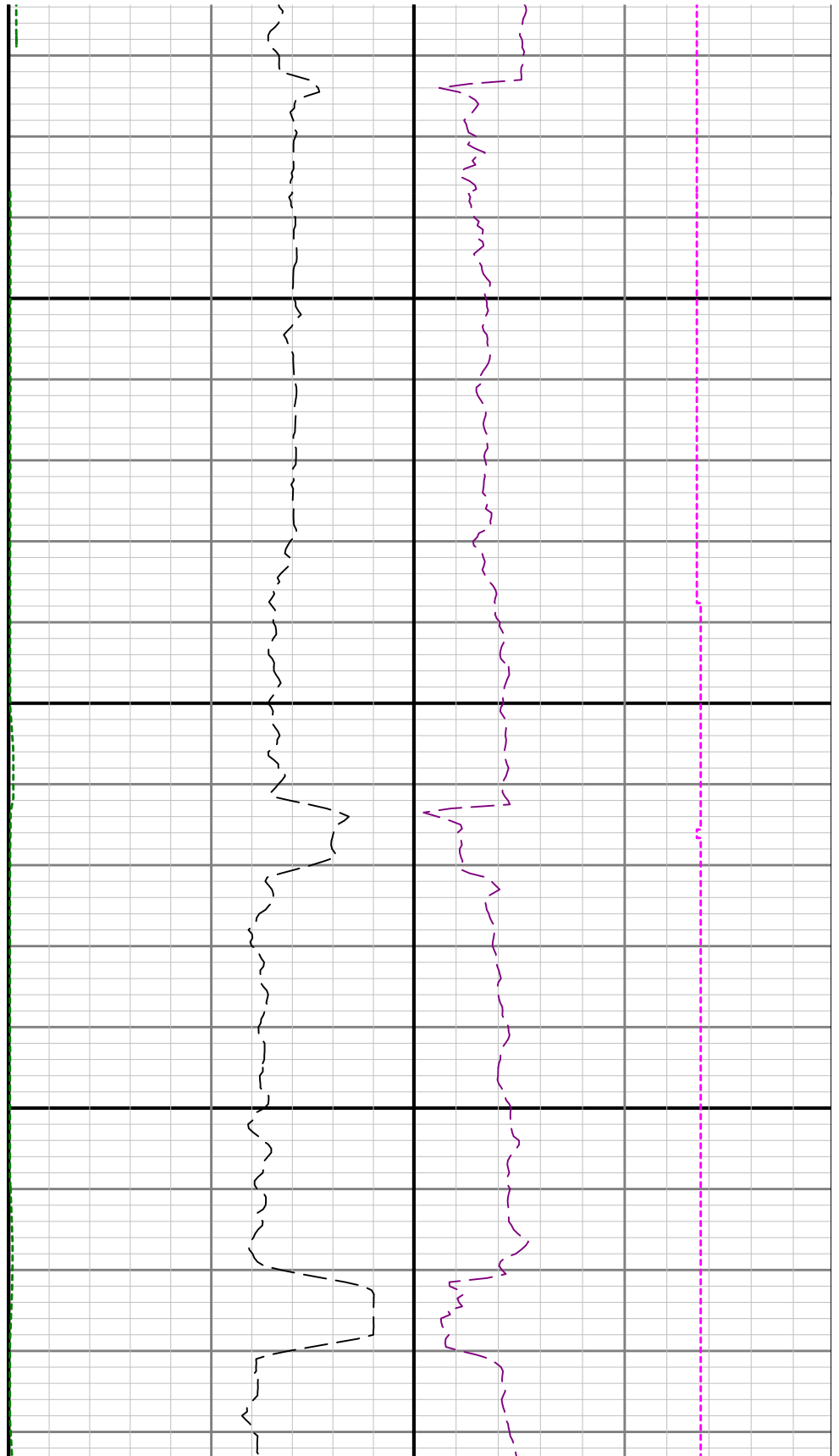


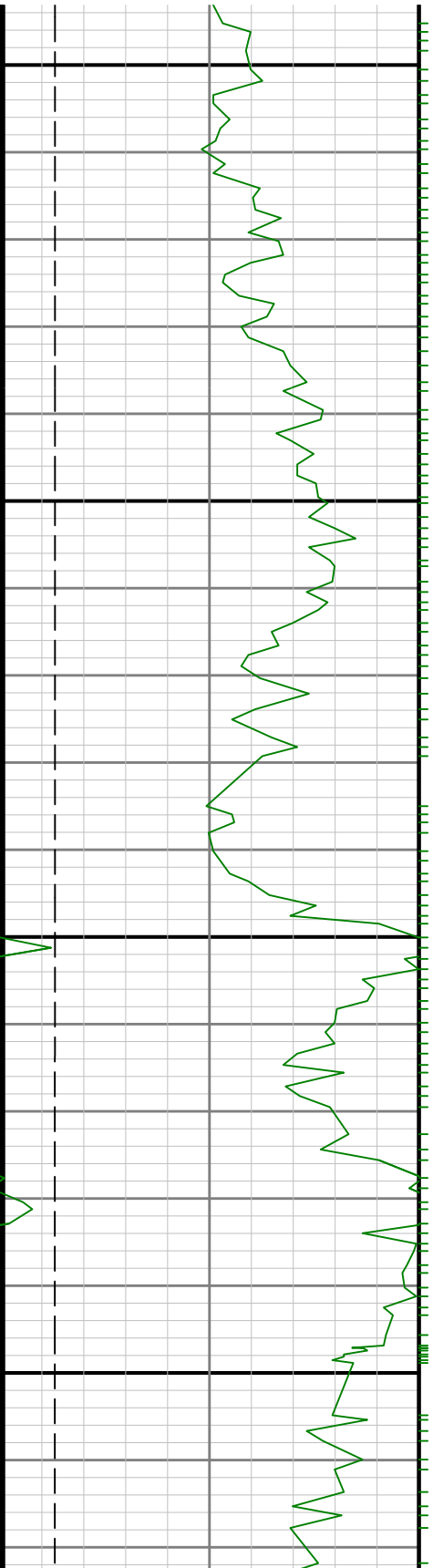






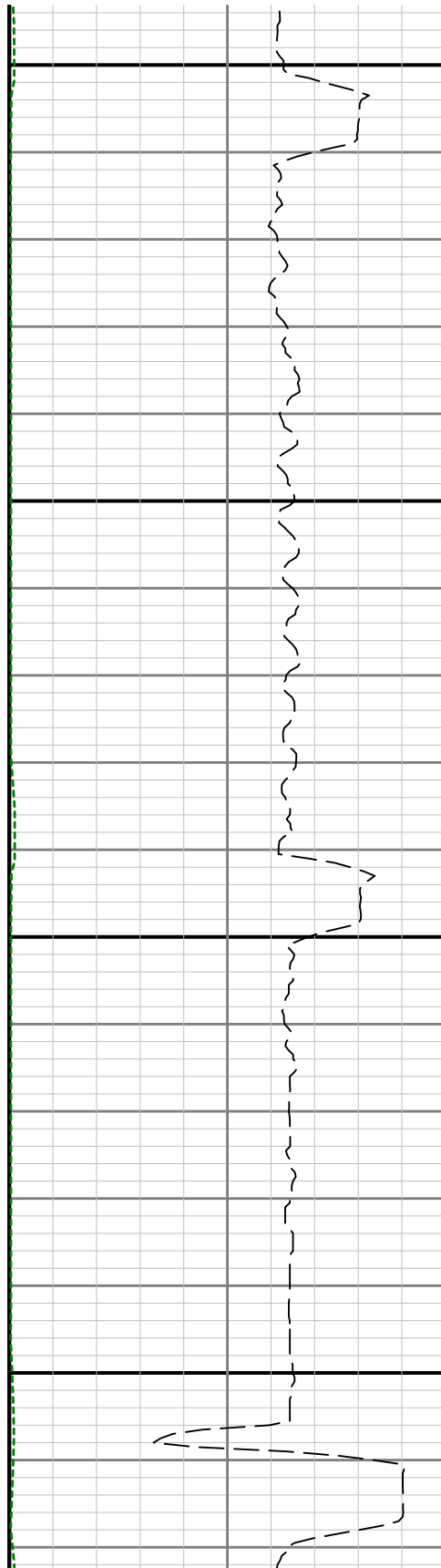
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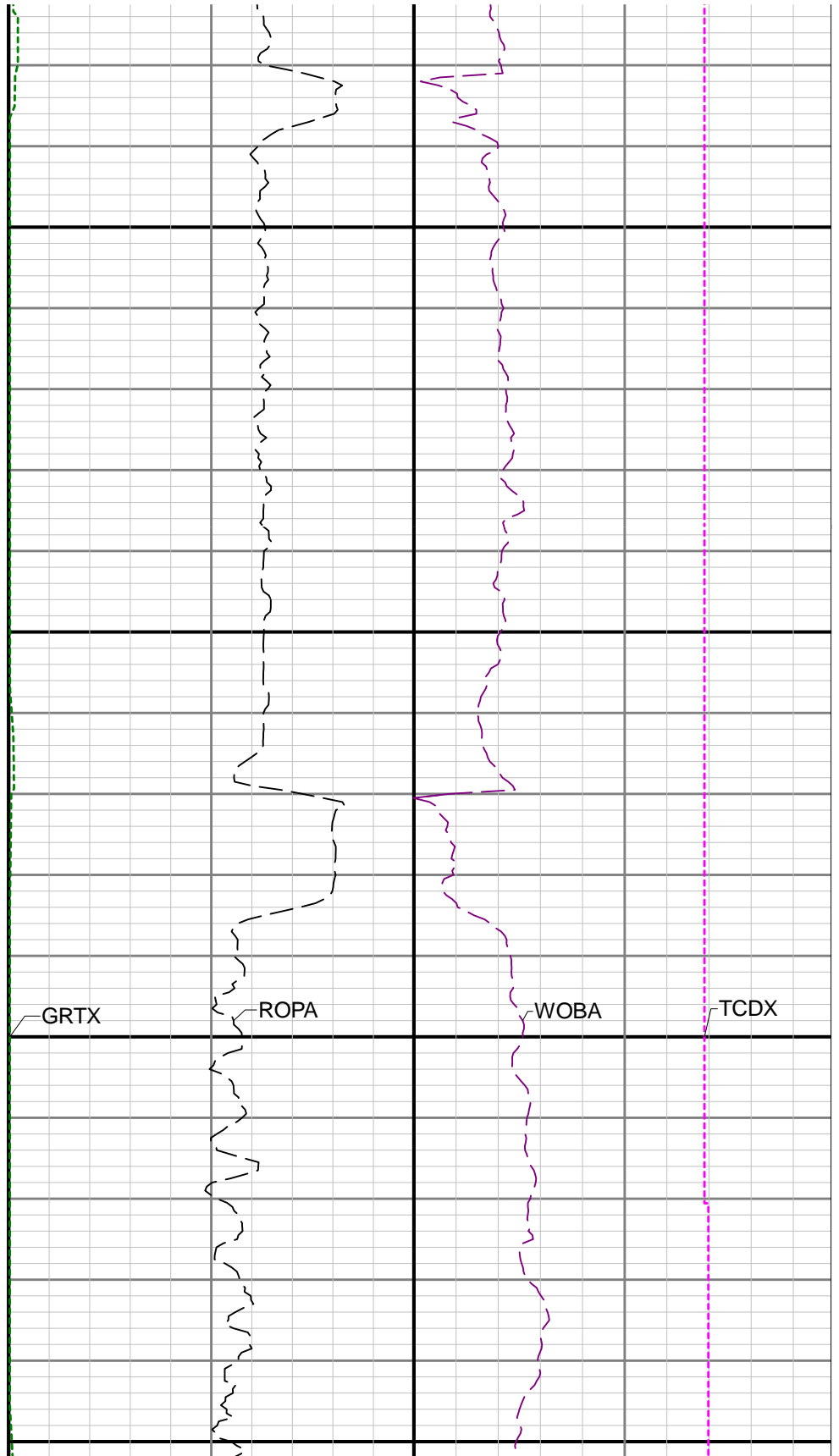
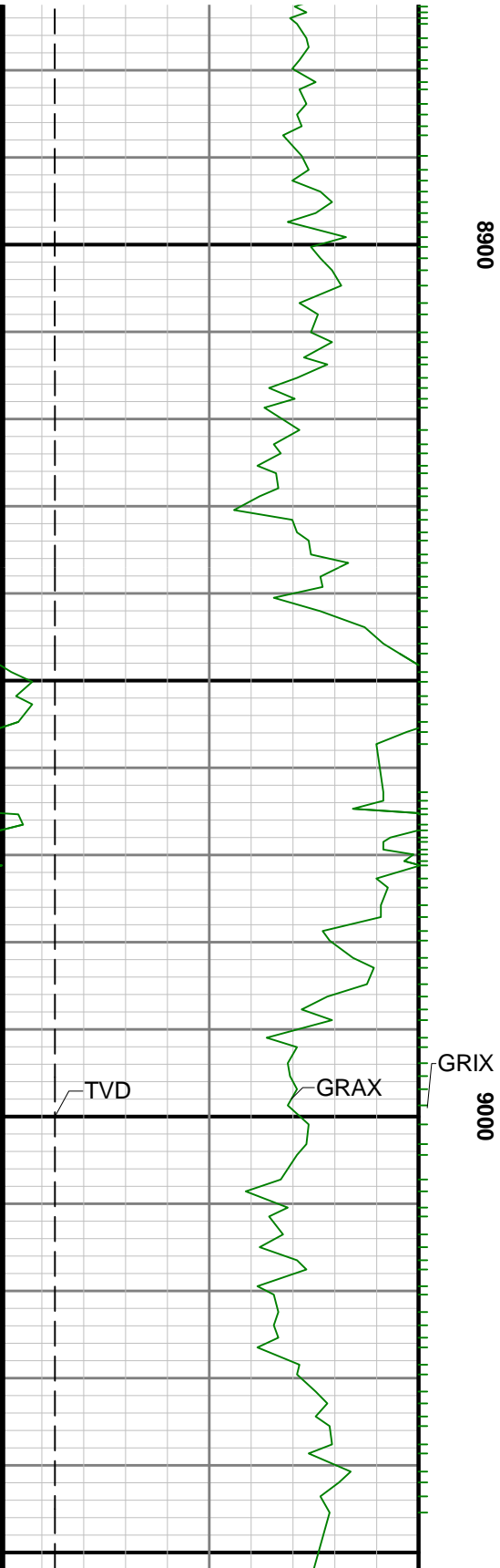


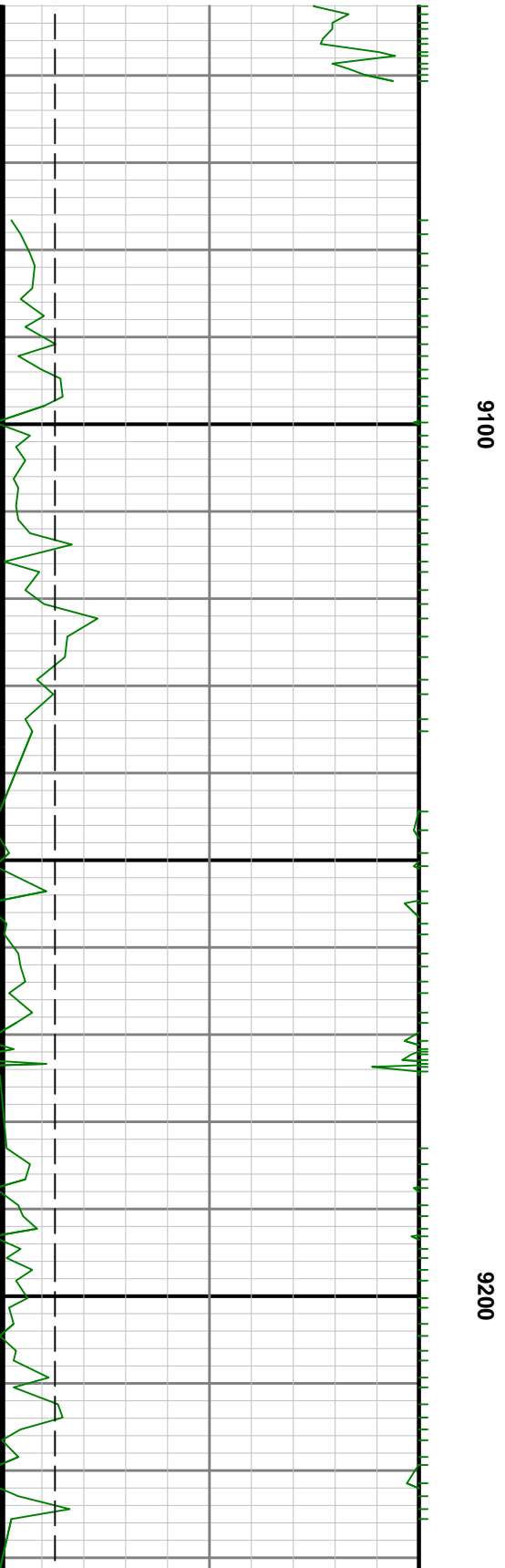
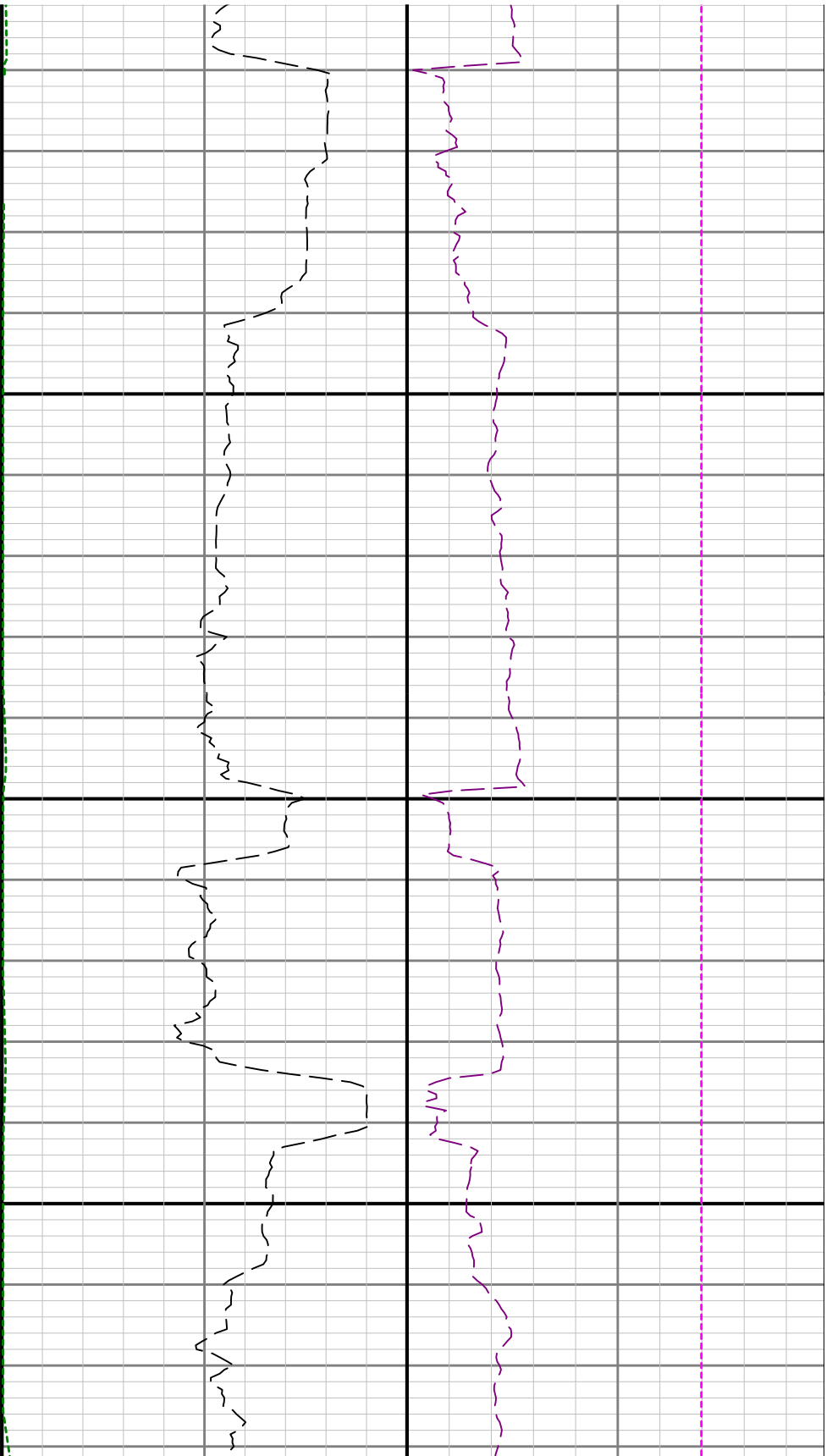


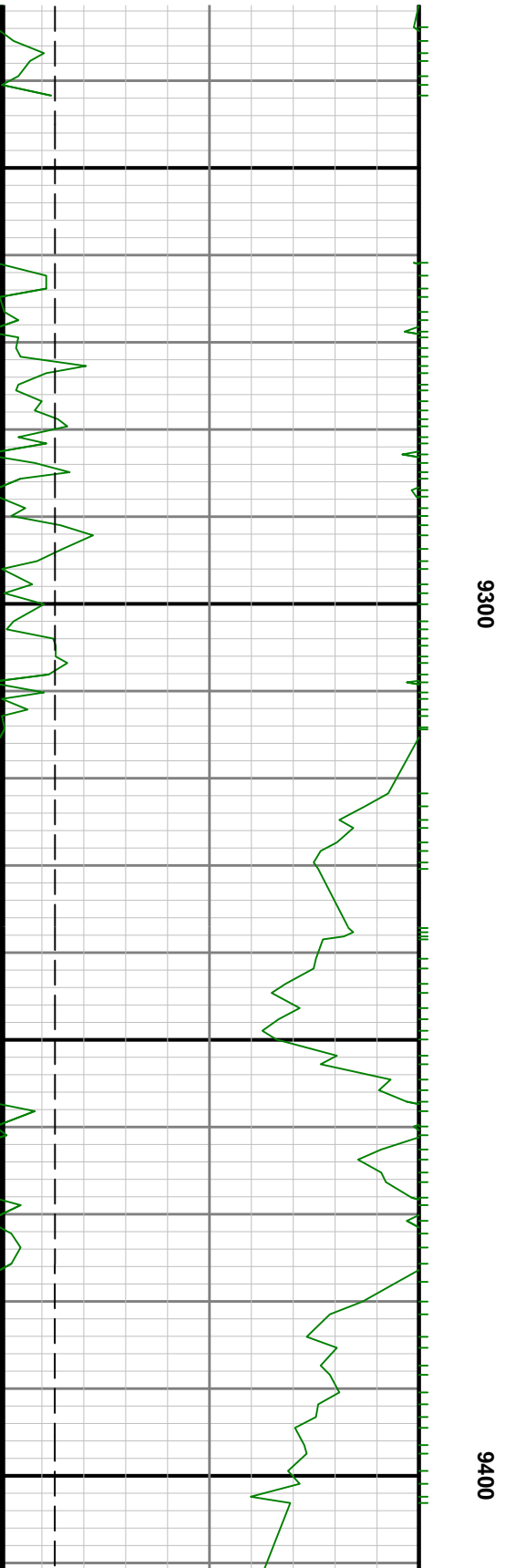
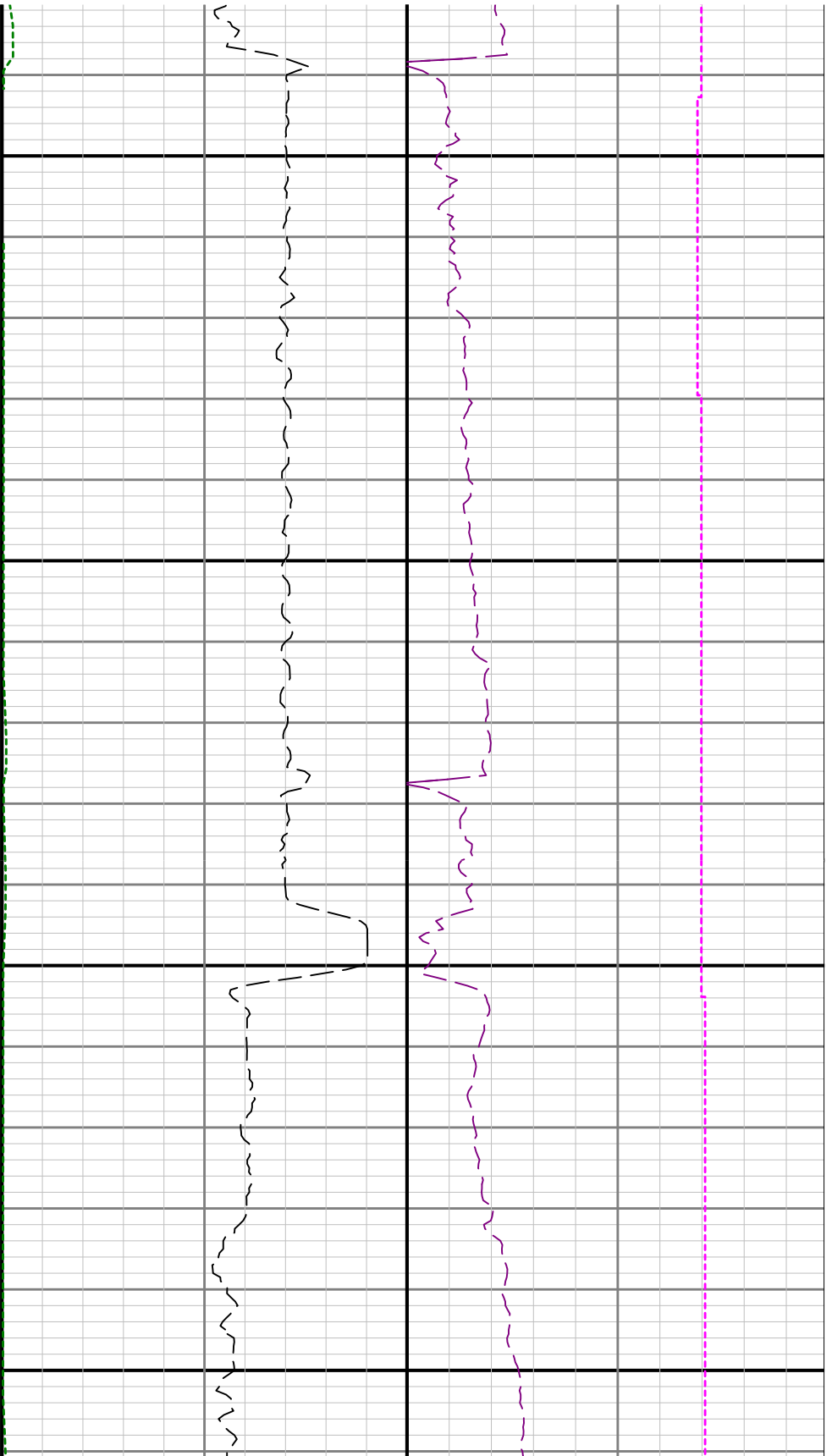
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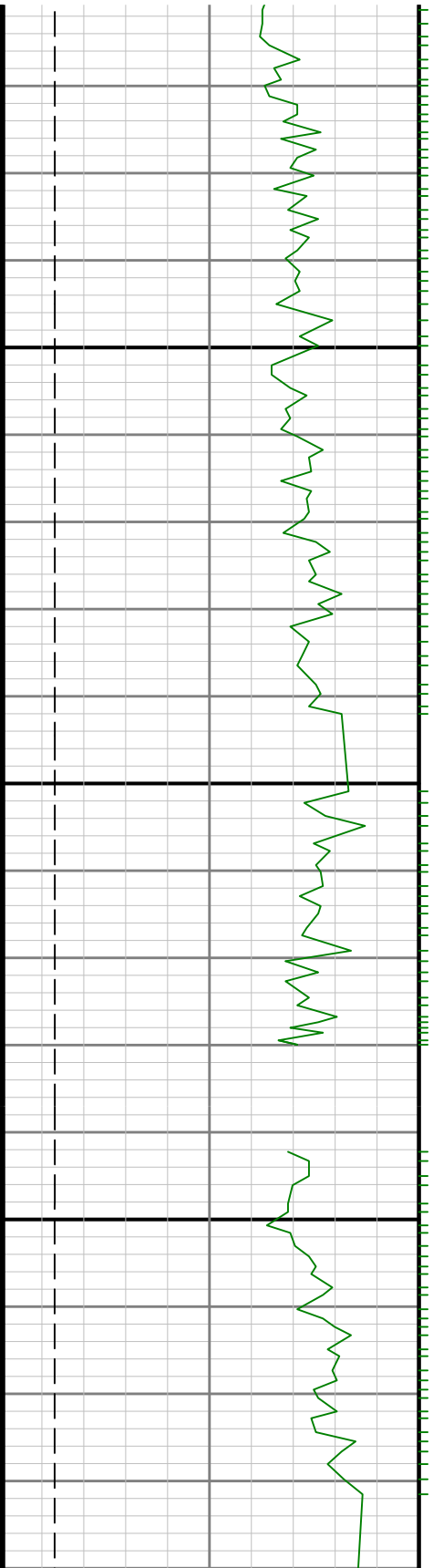
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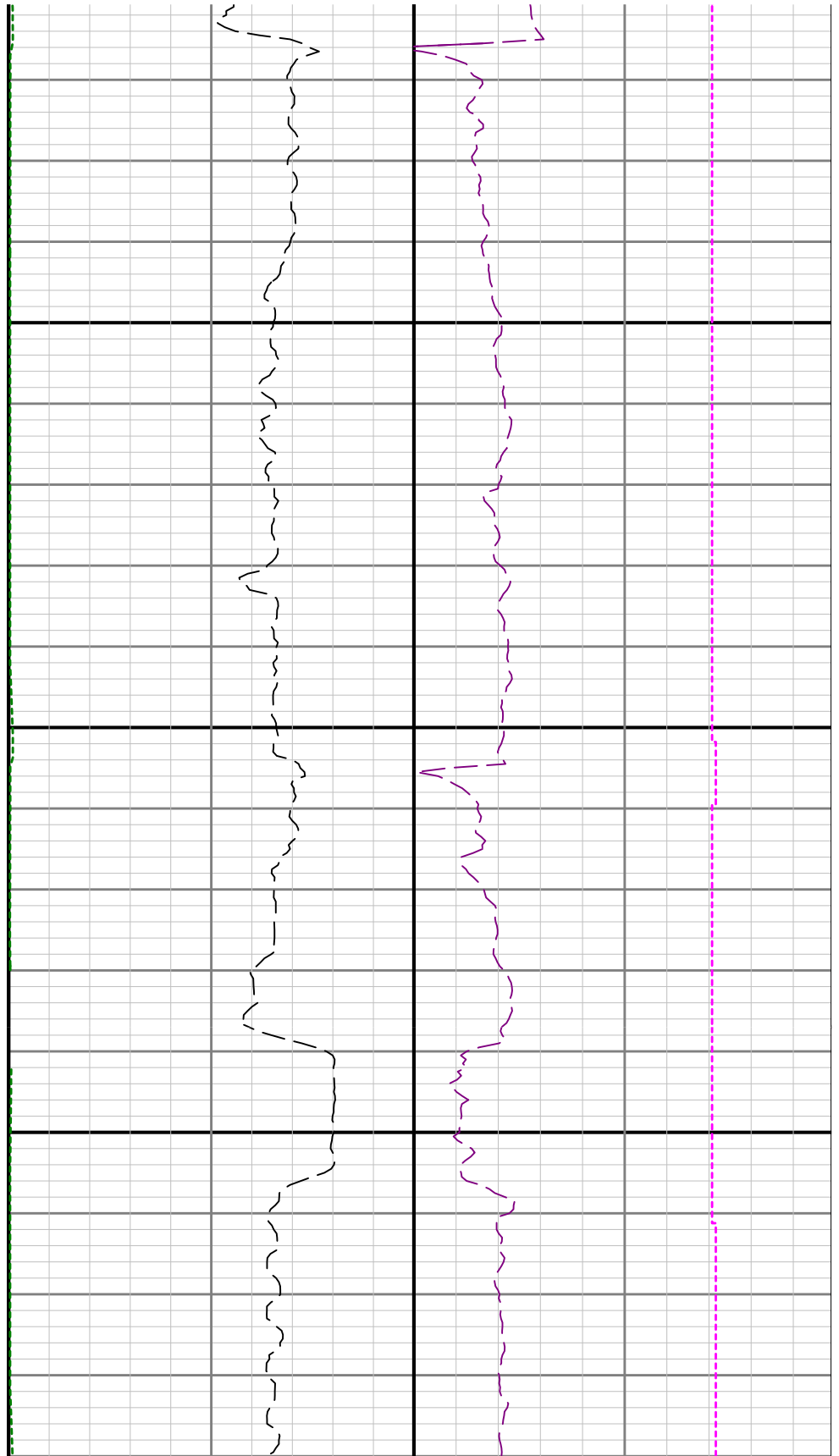


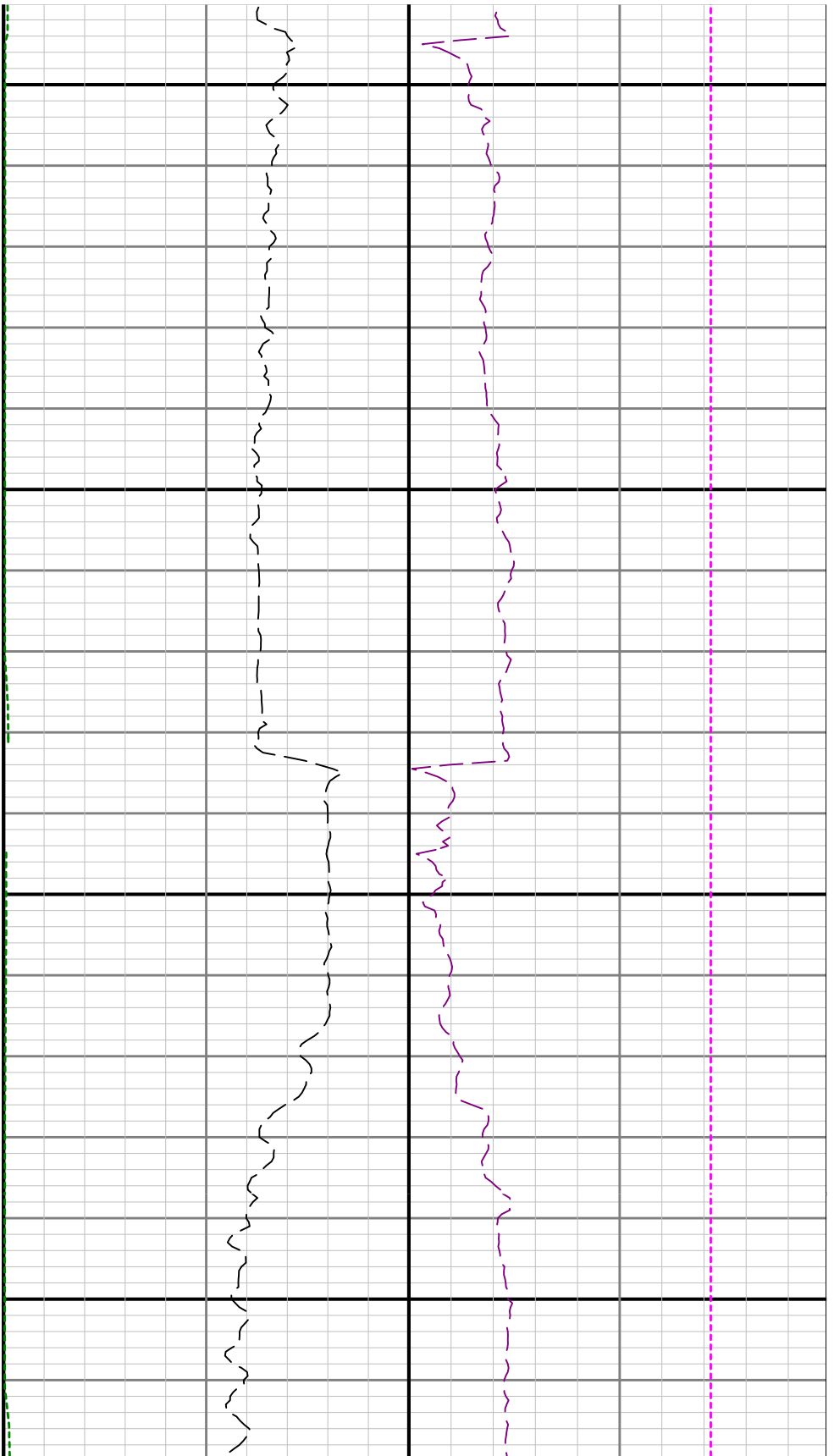


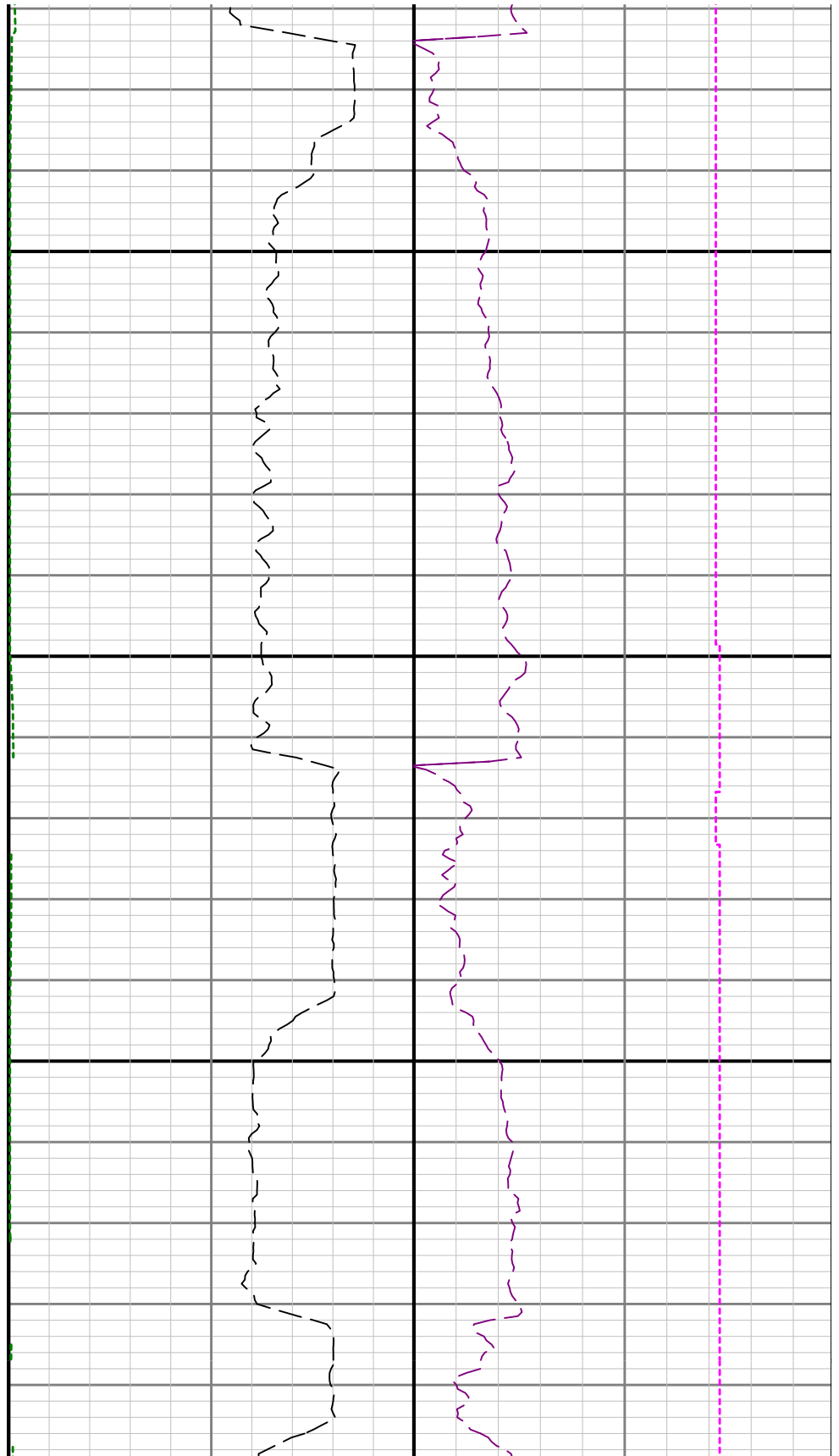
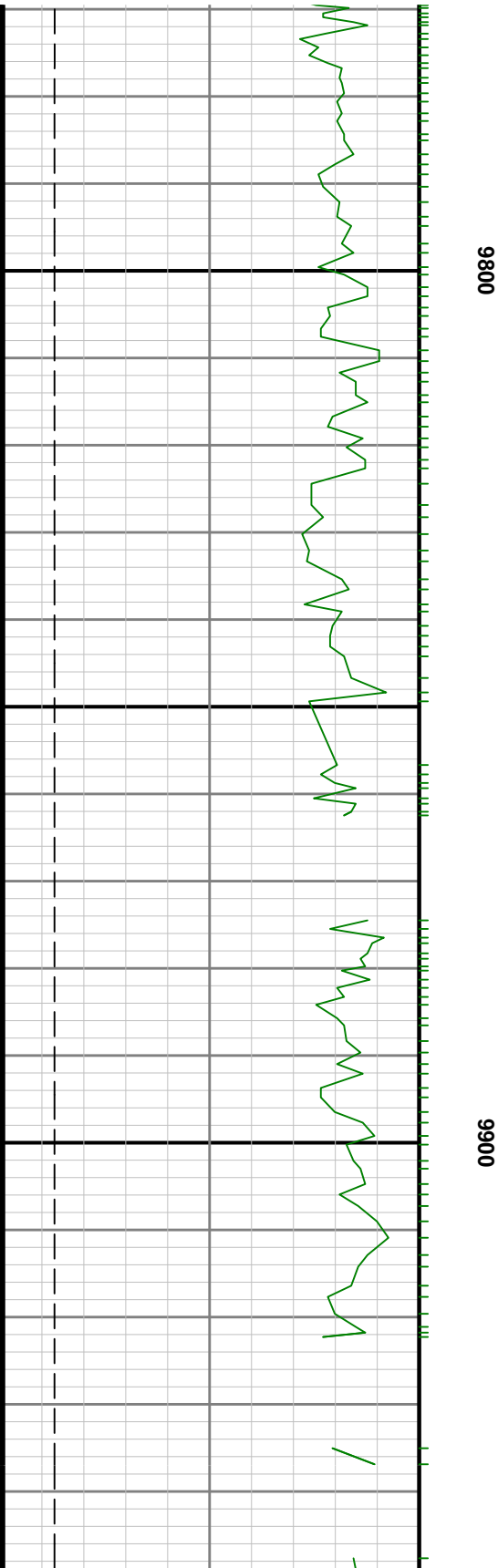


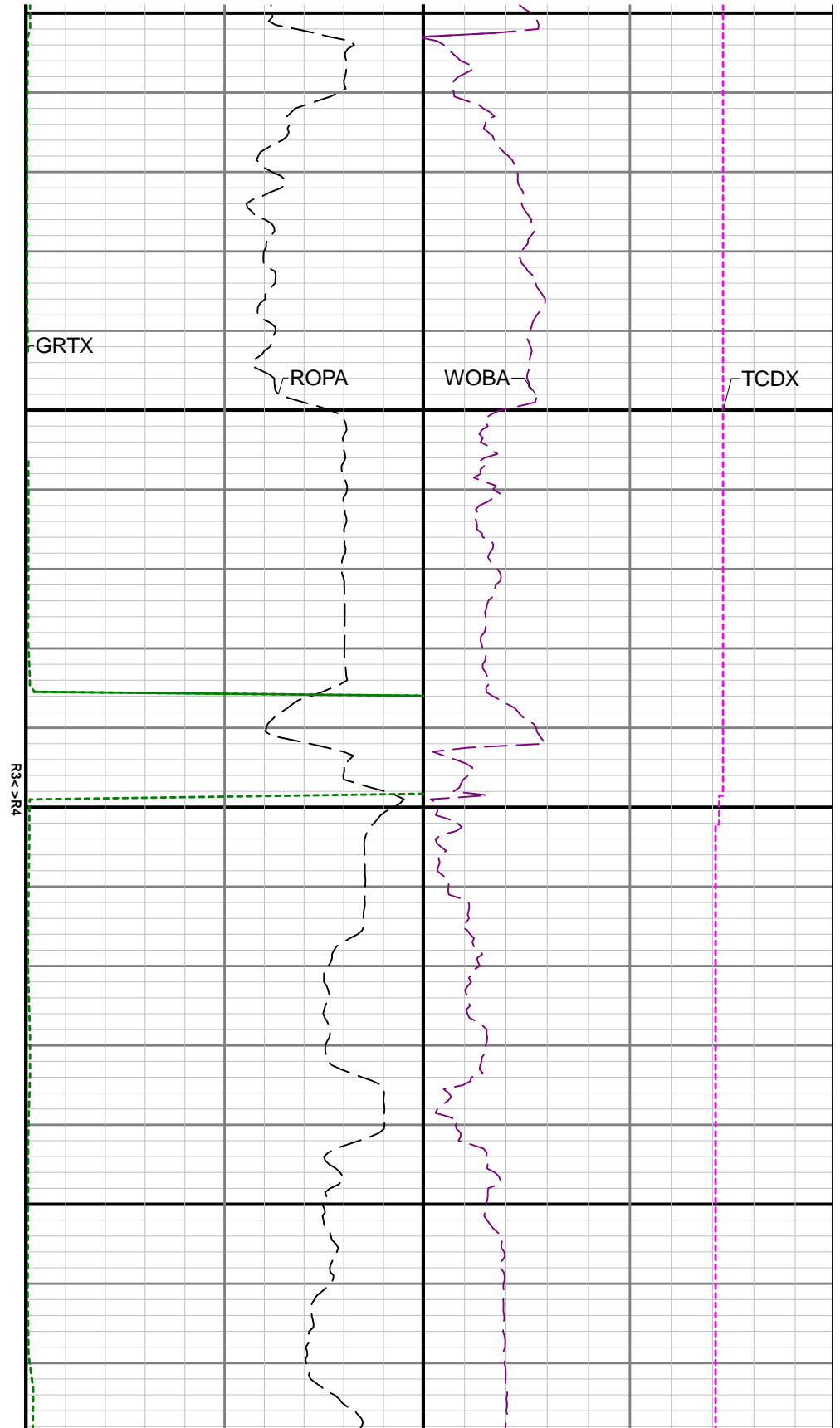
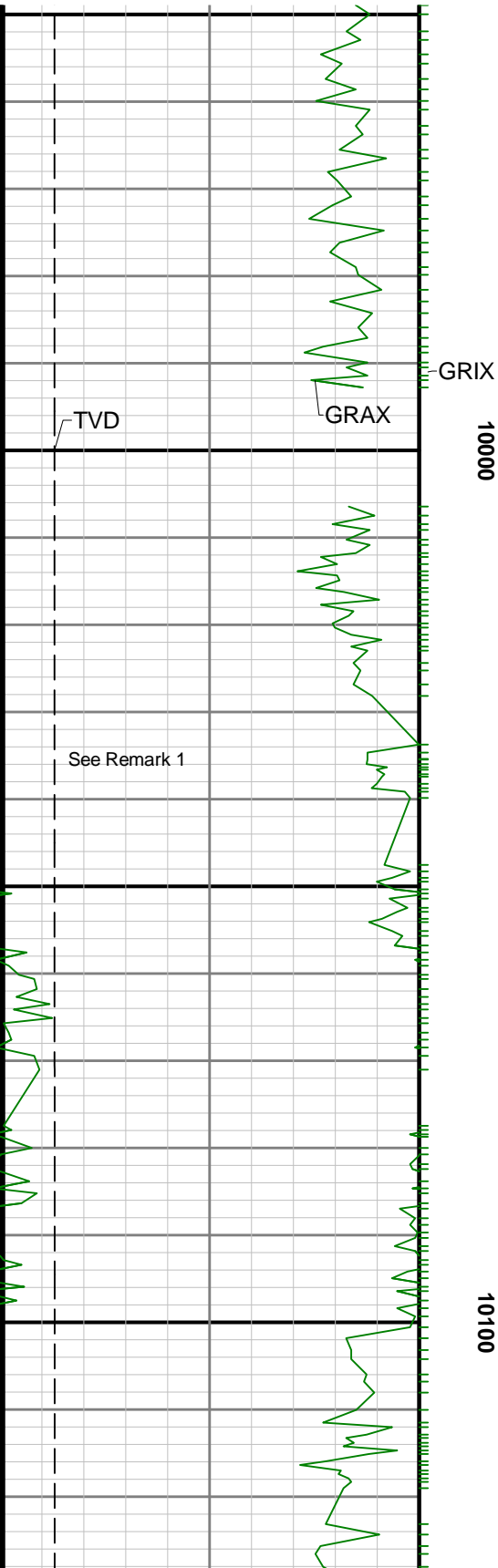


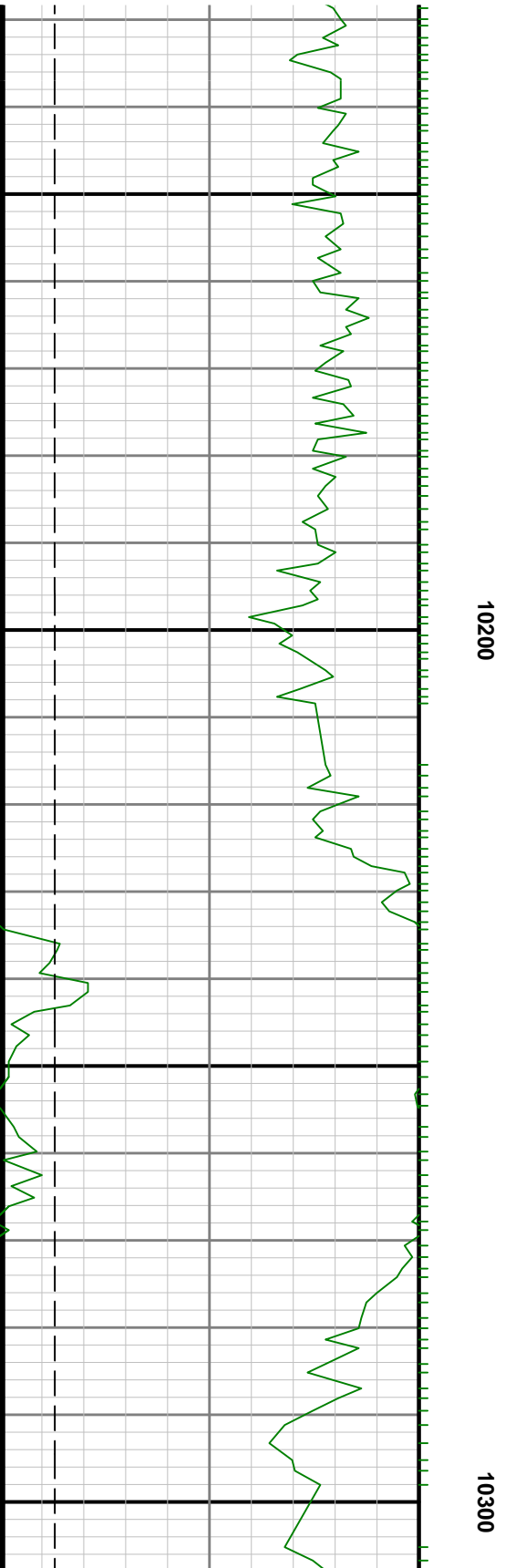
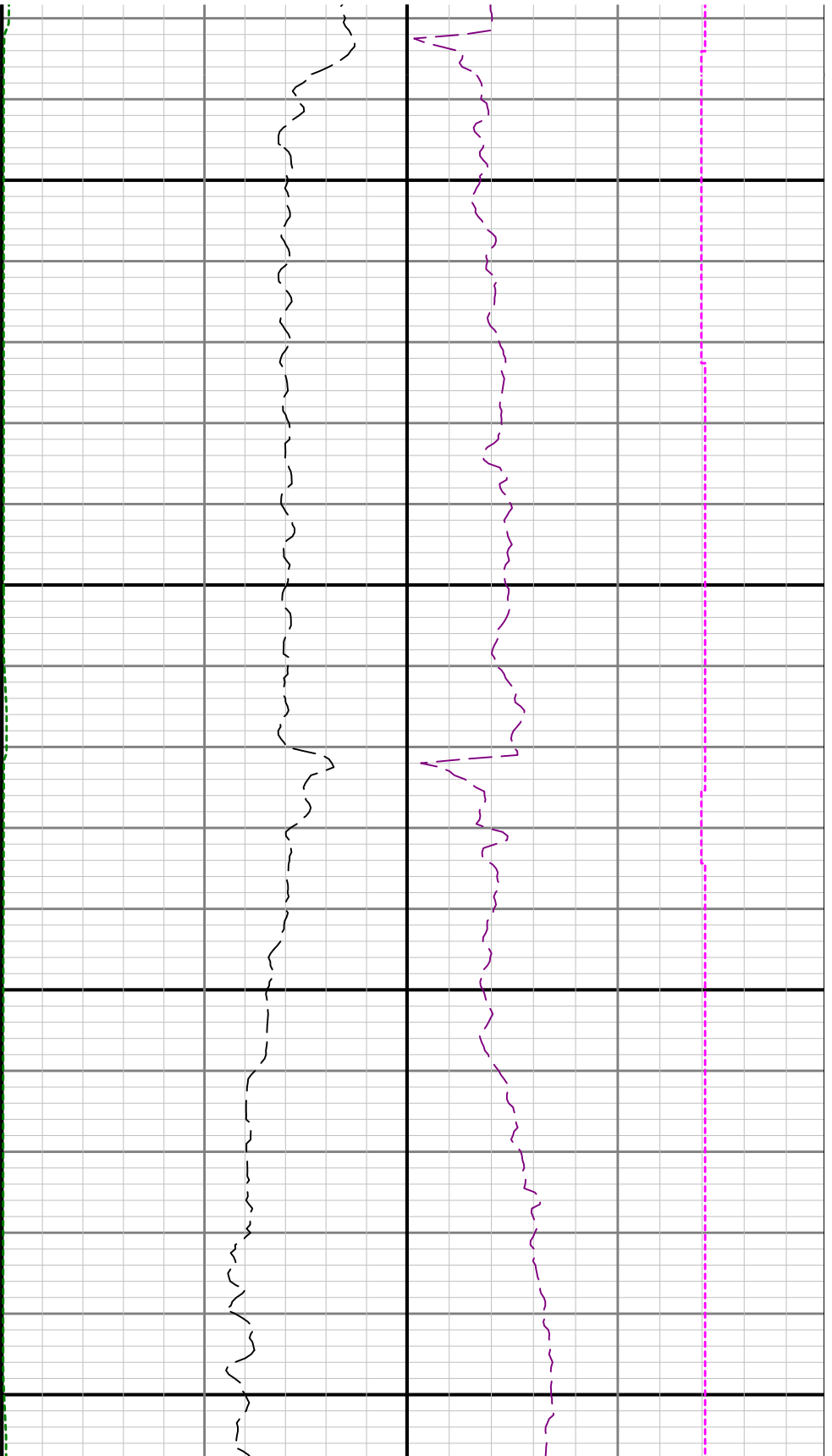
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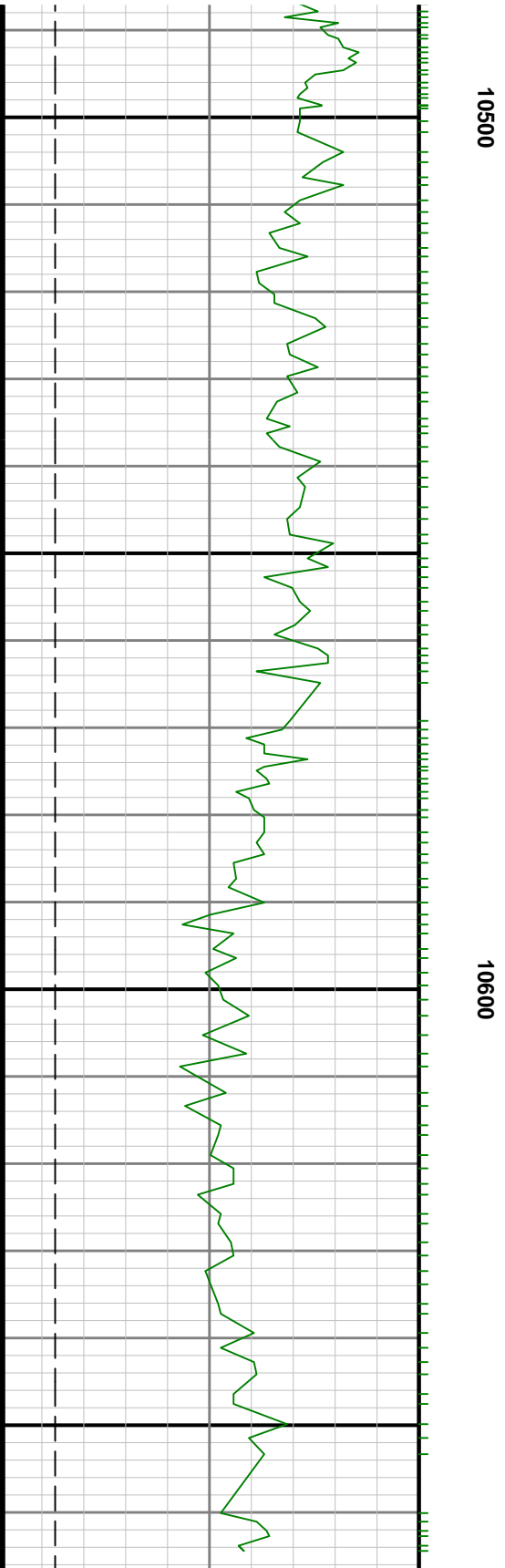
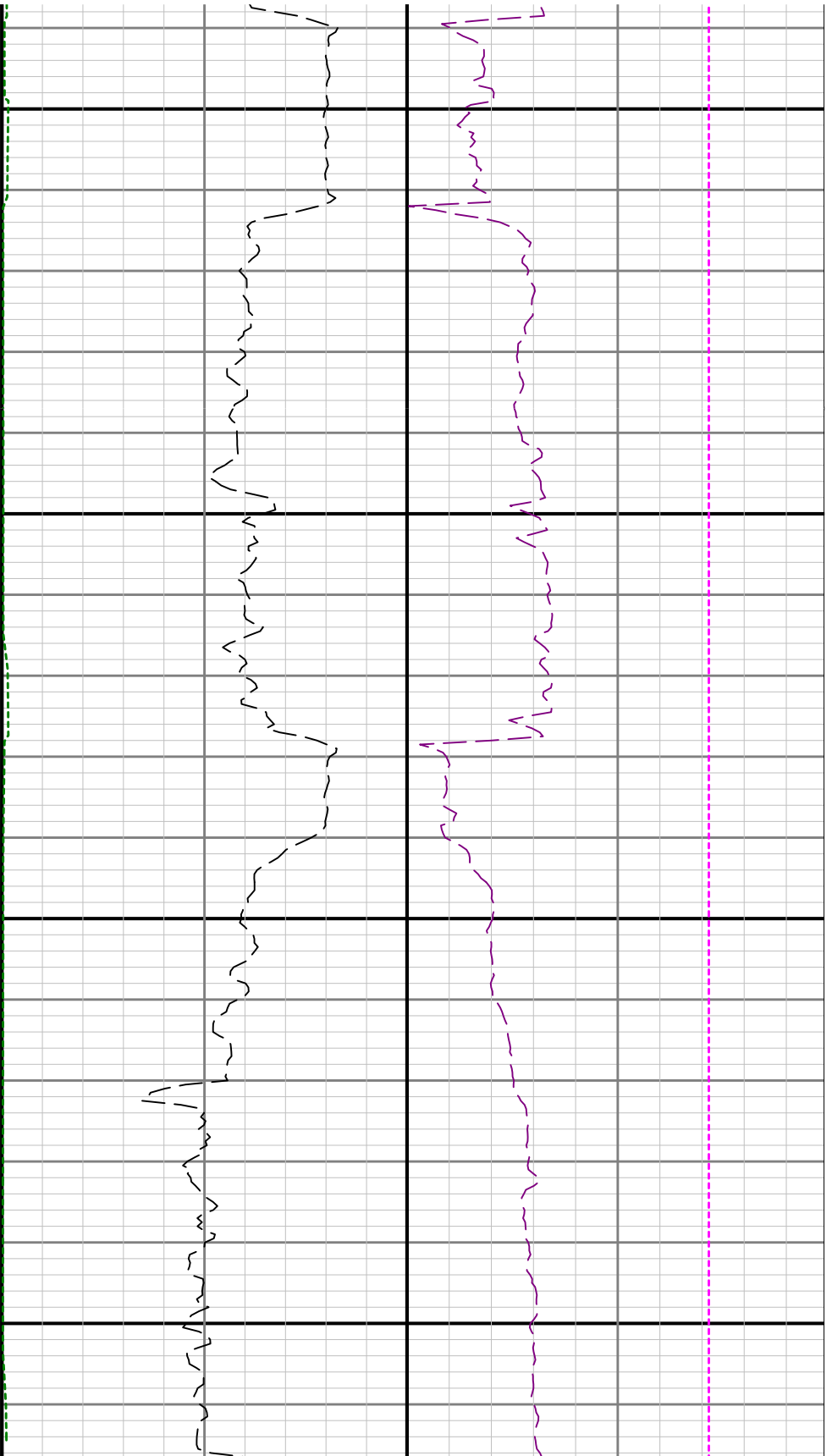


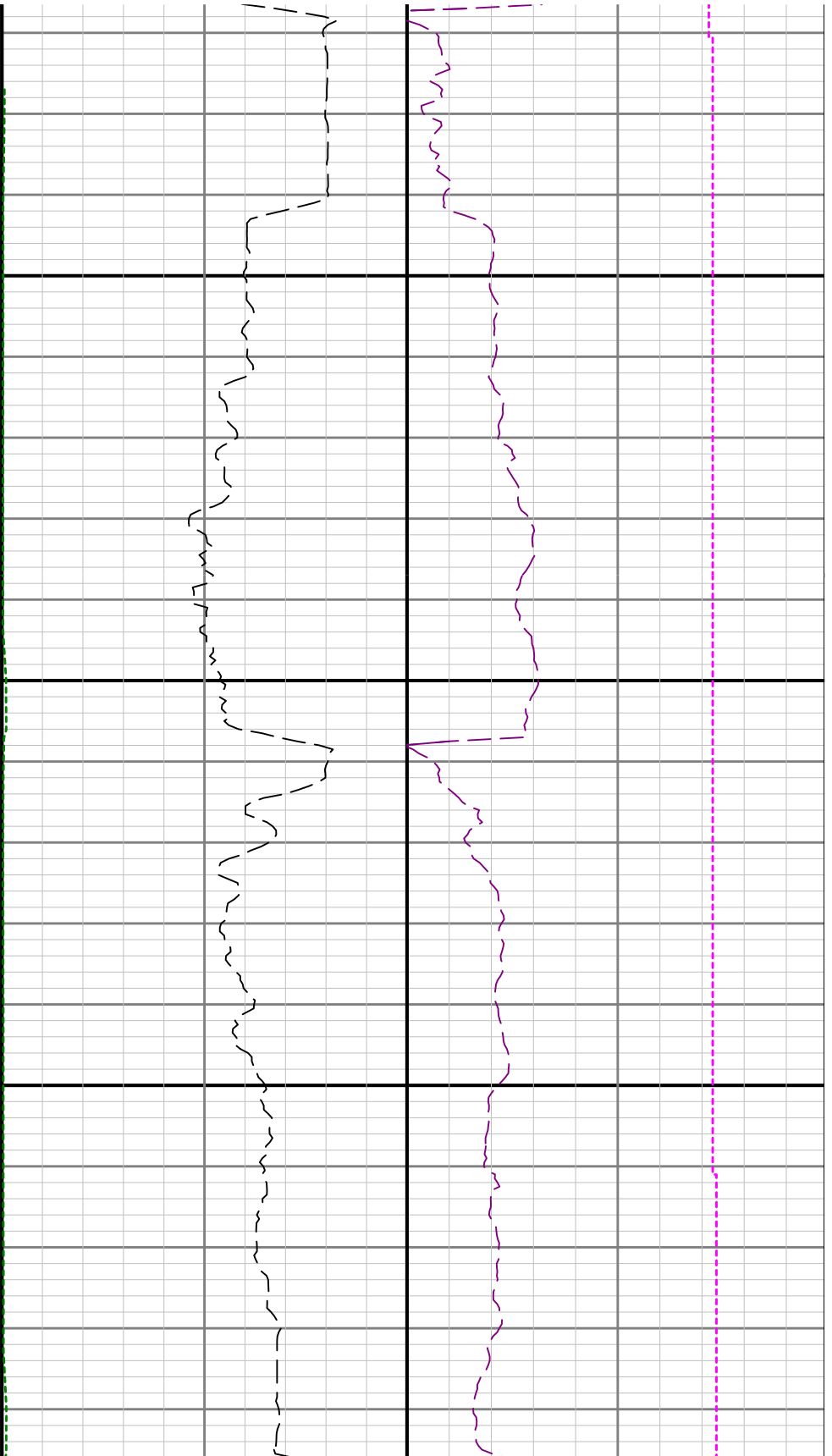






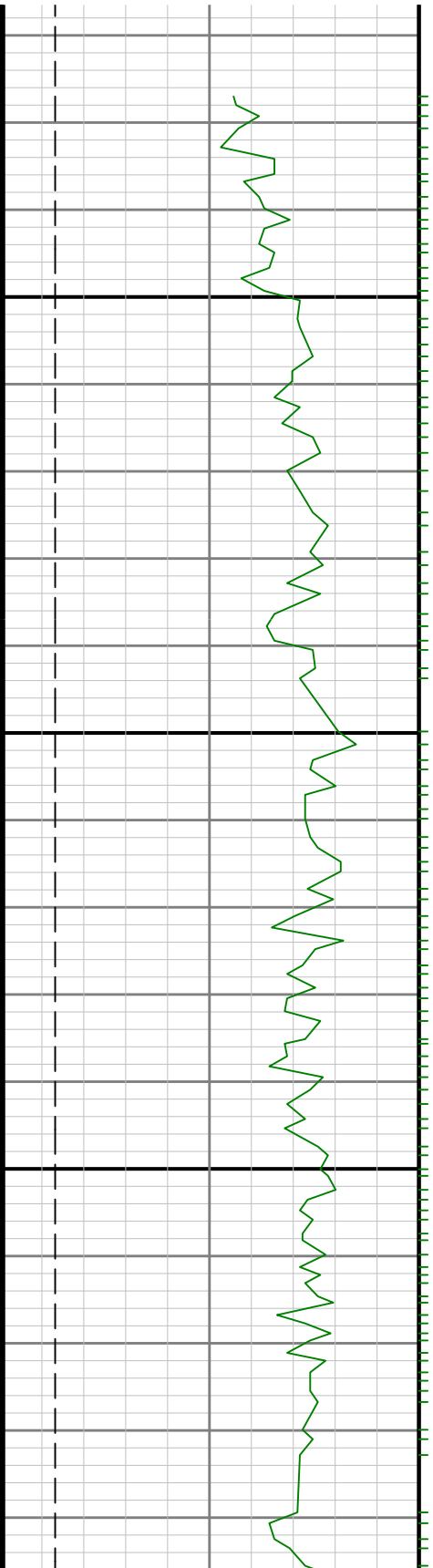


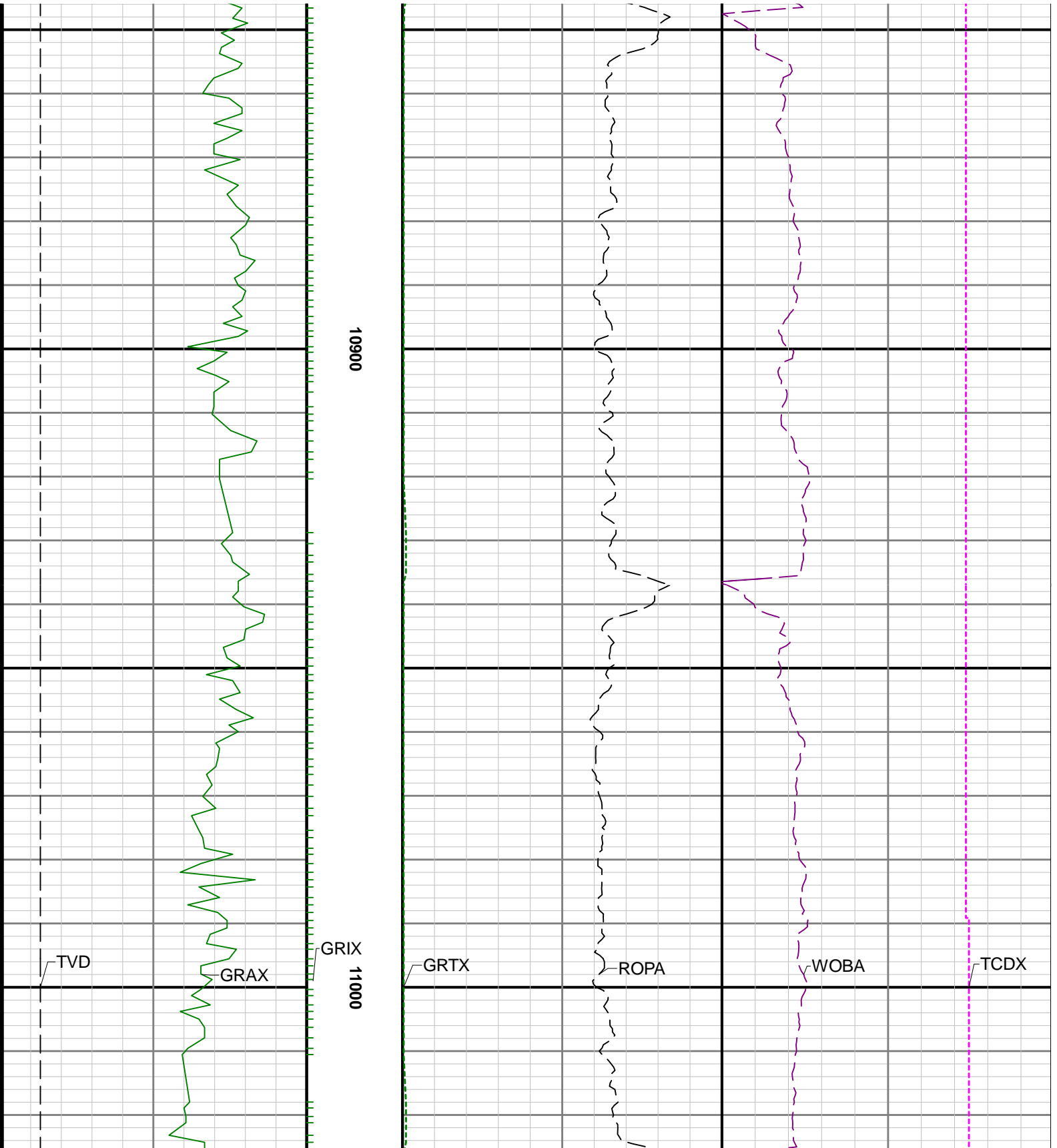


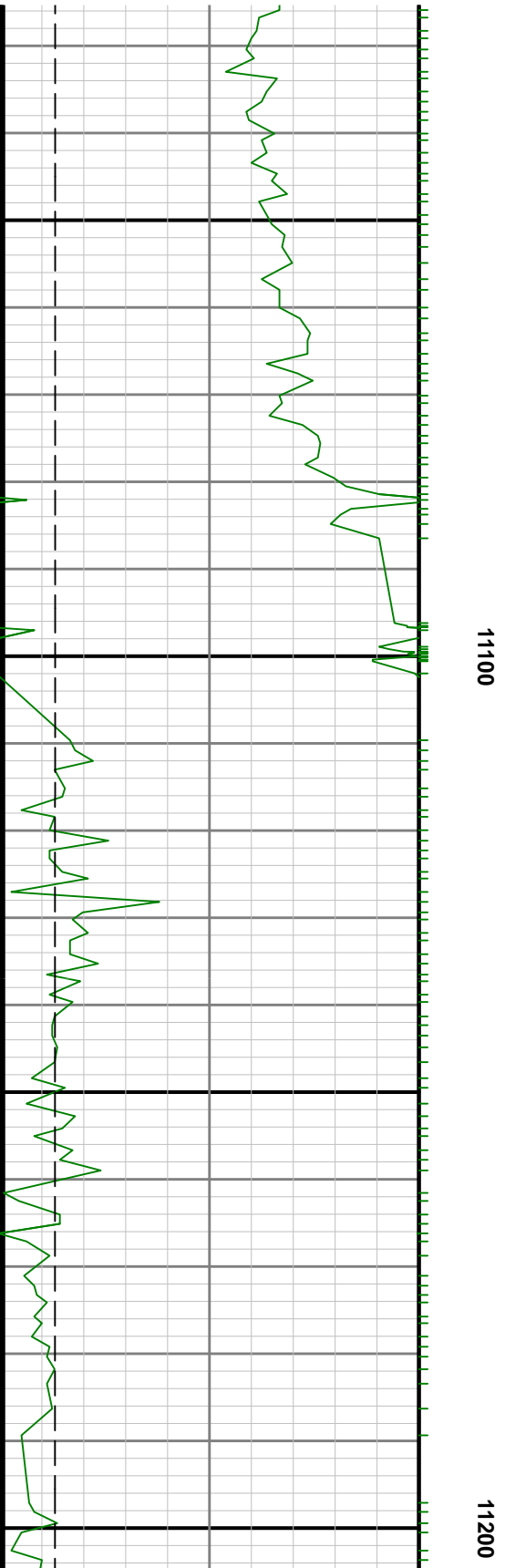
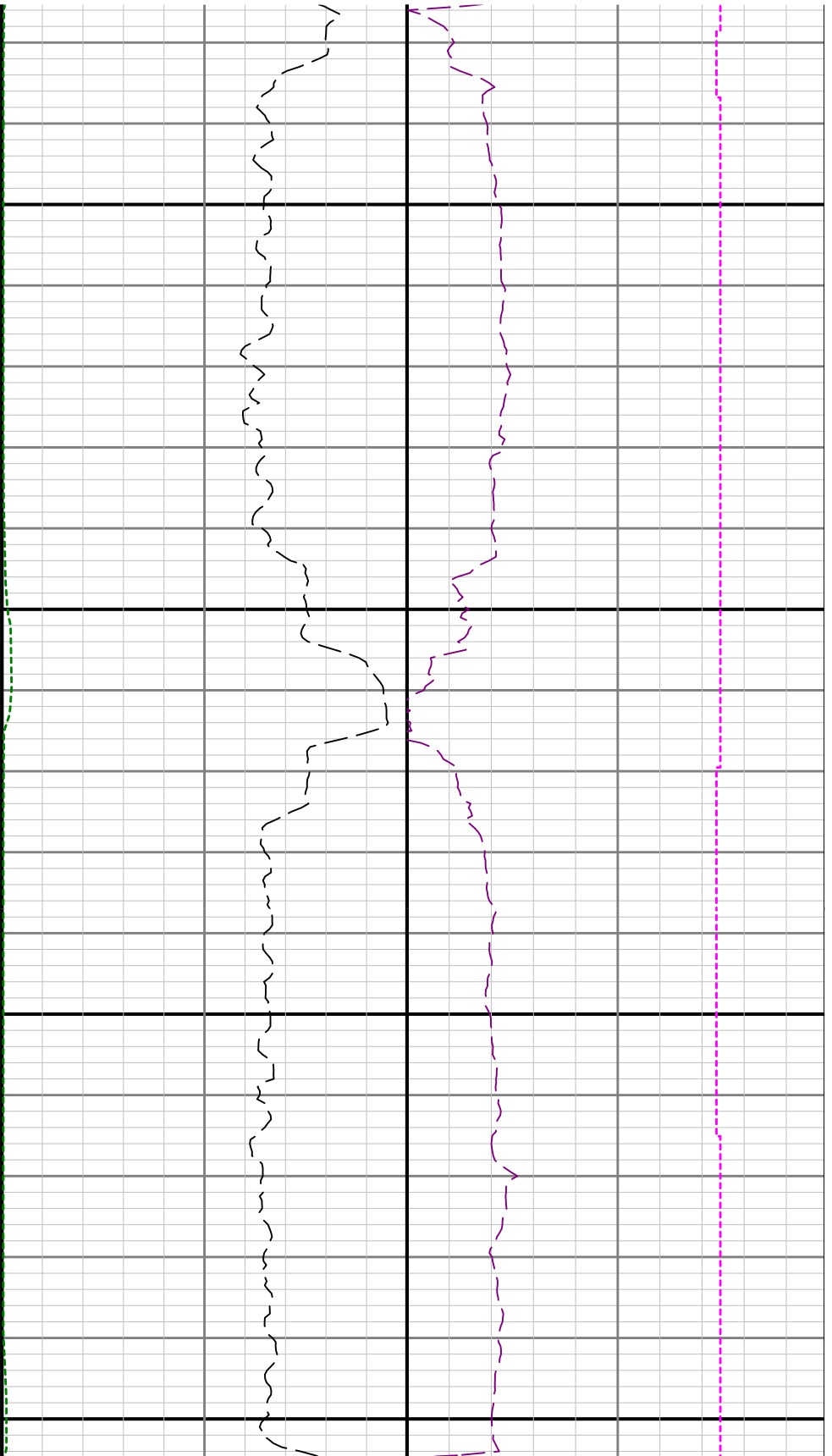


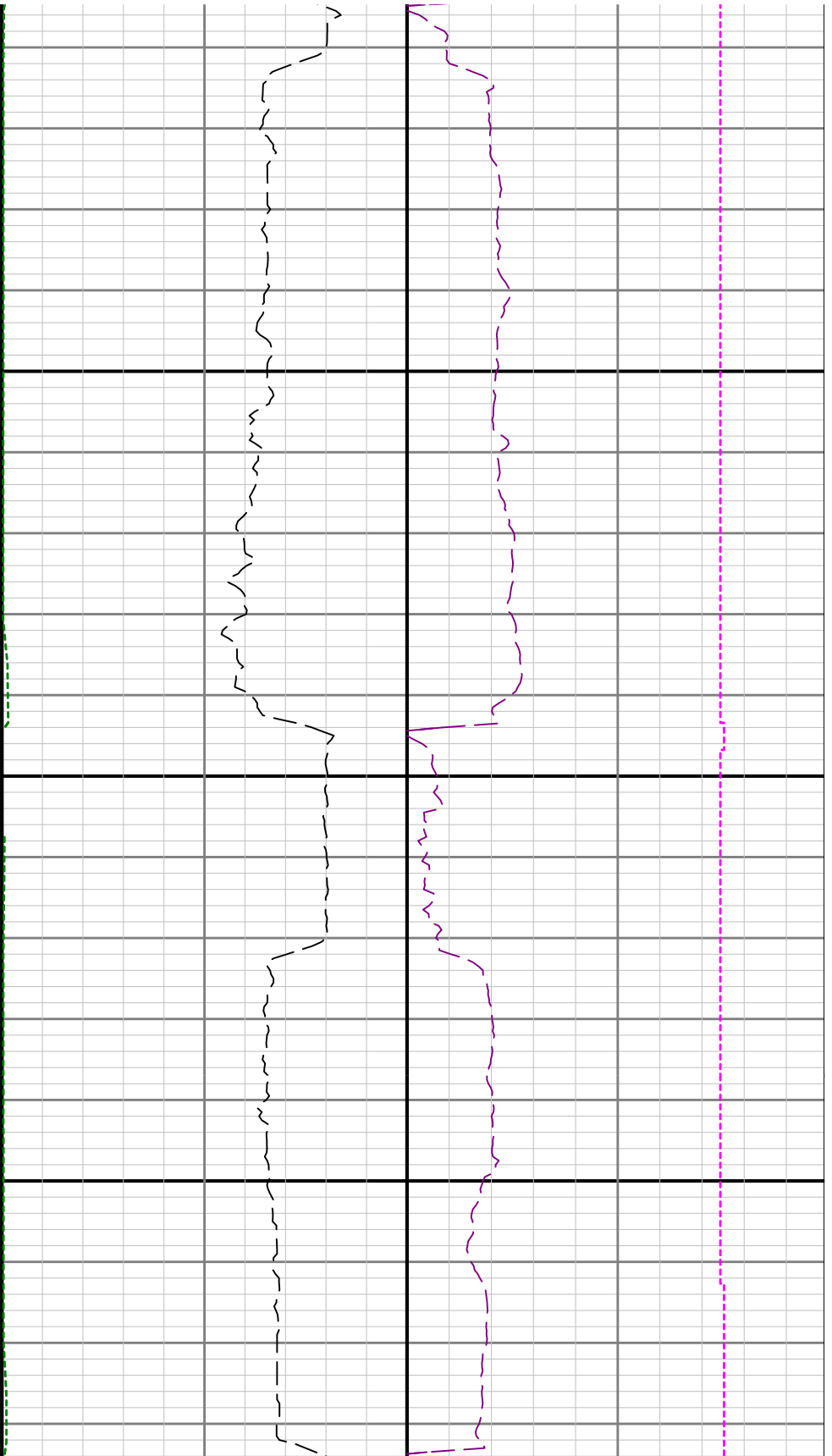
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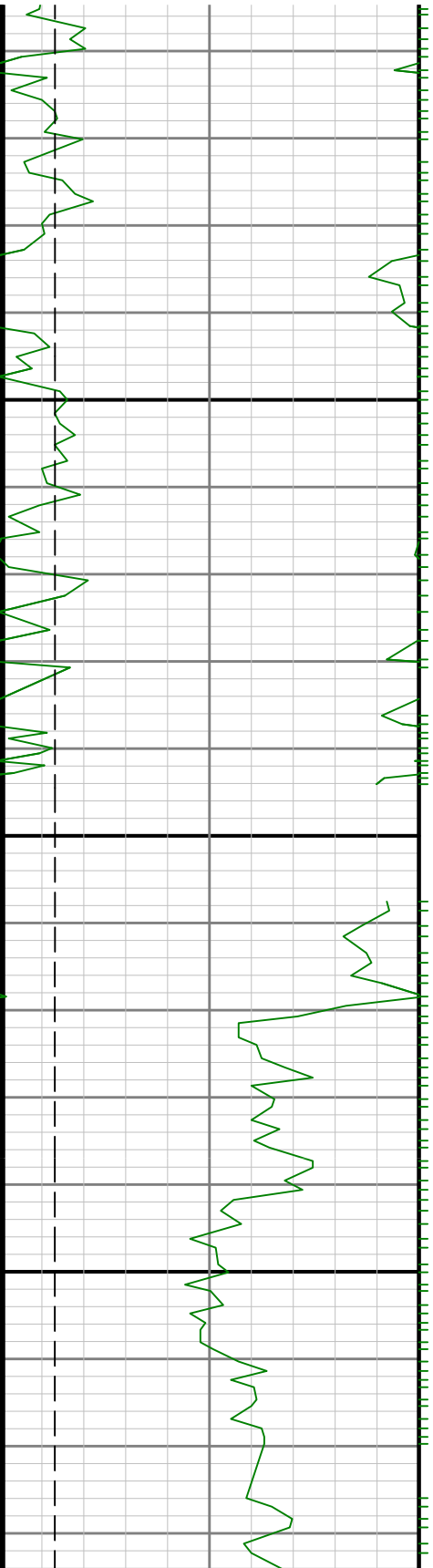


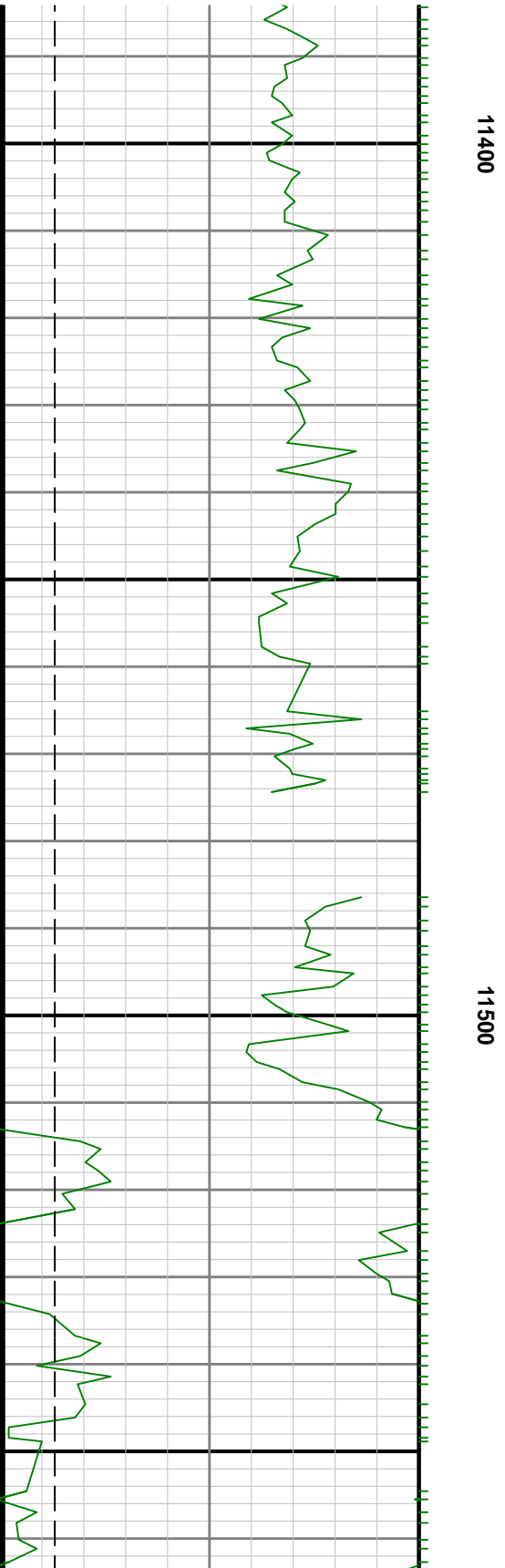
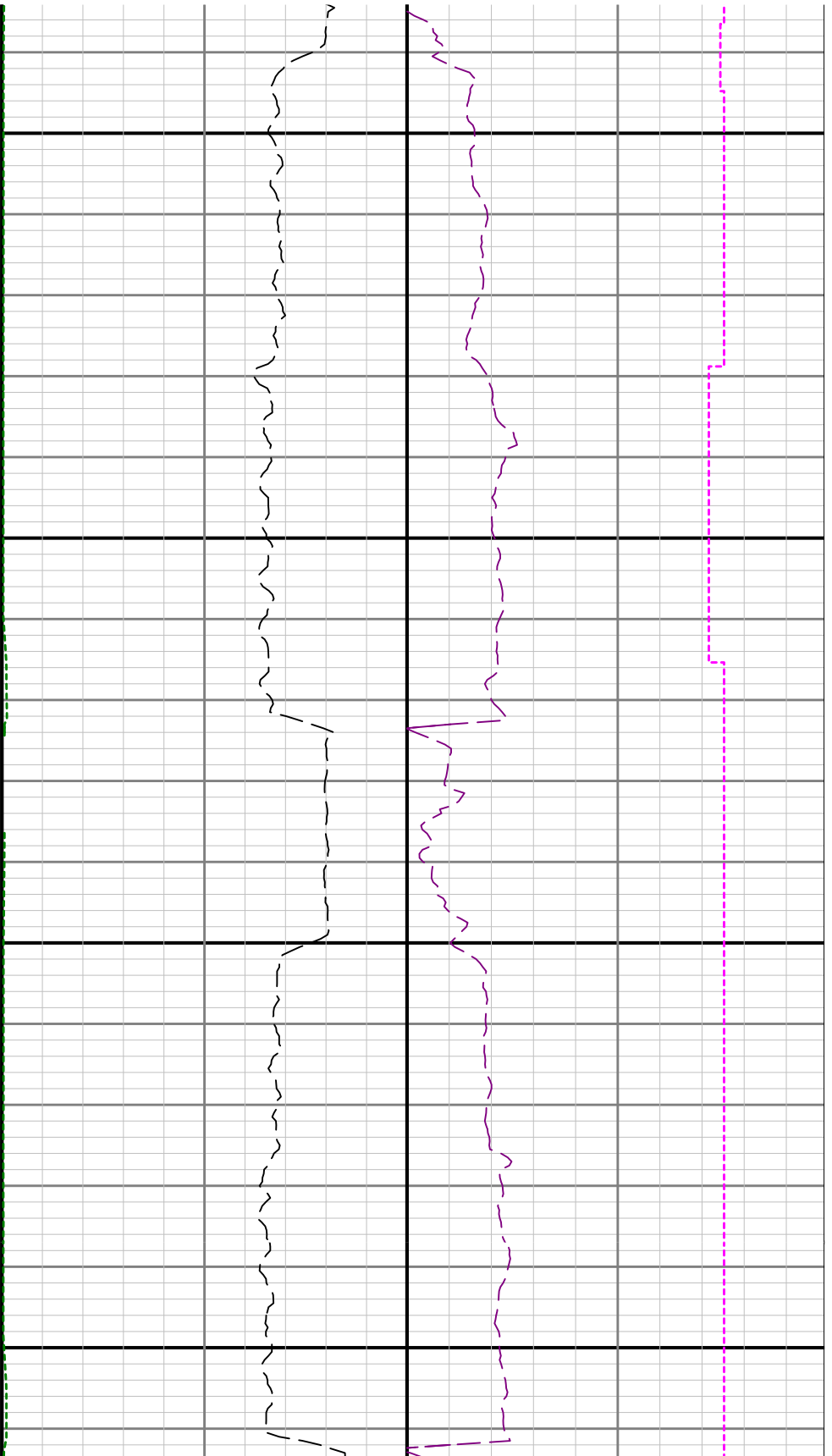


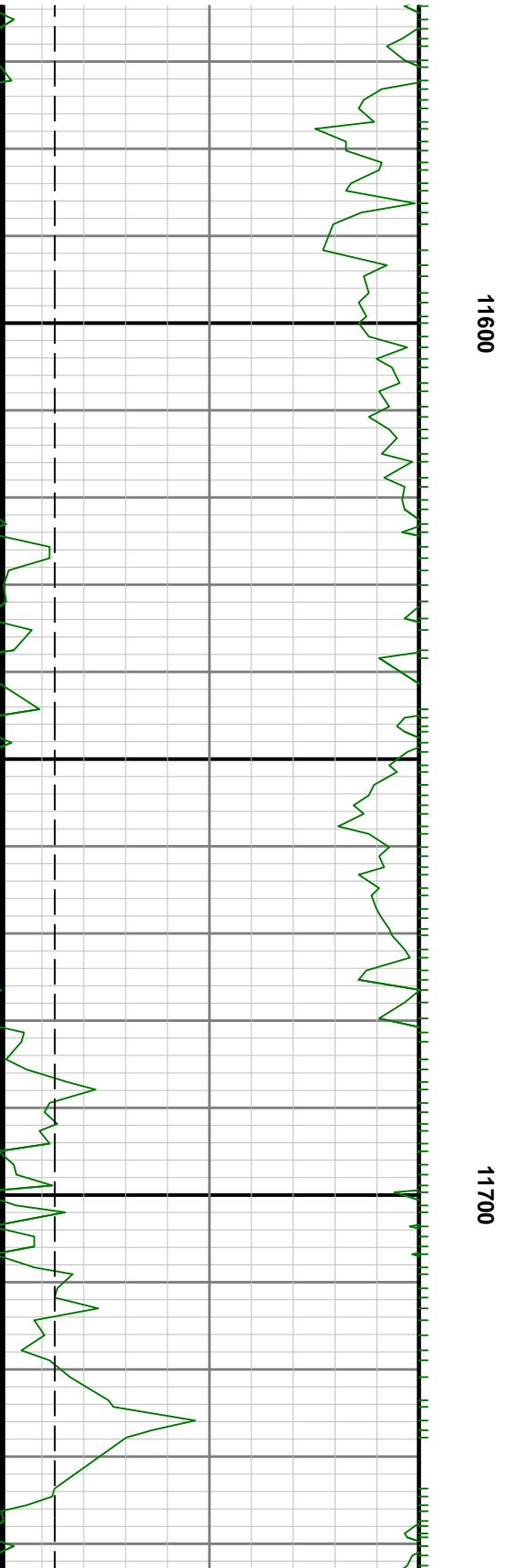
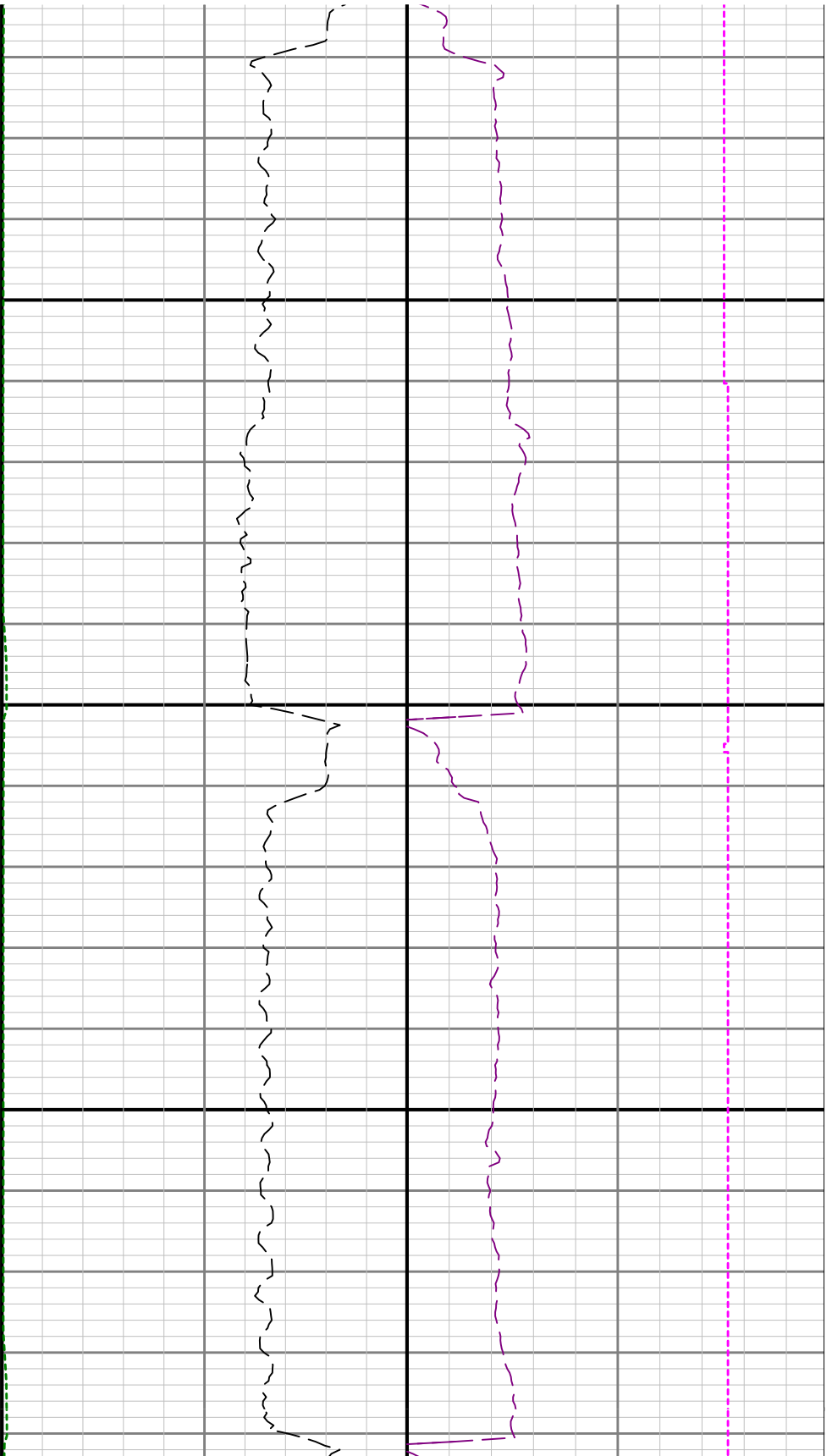




11300



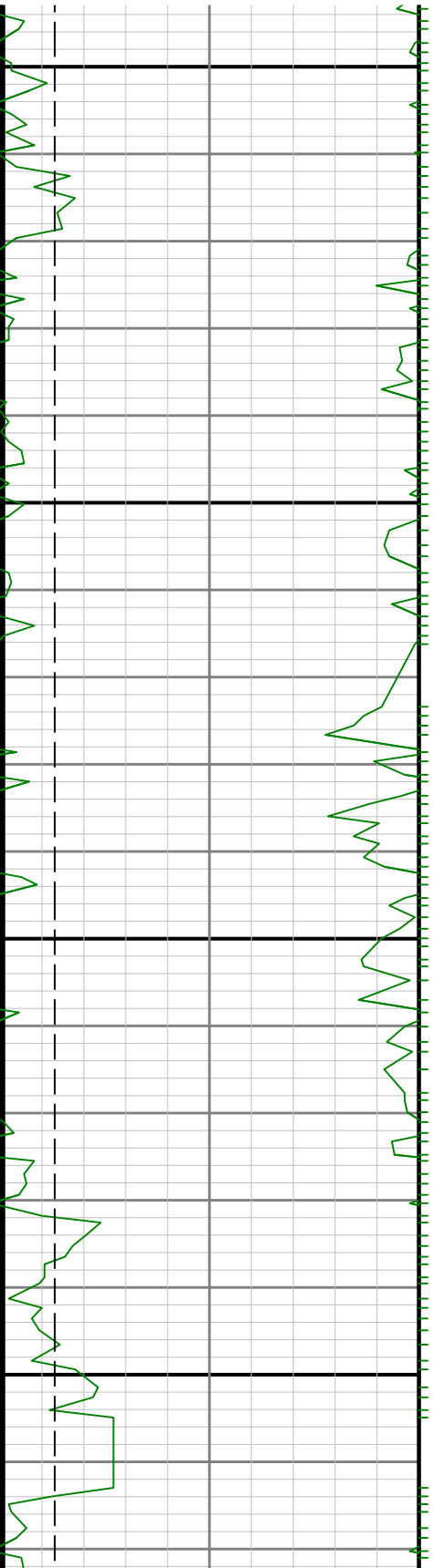


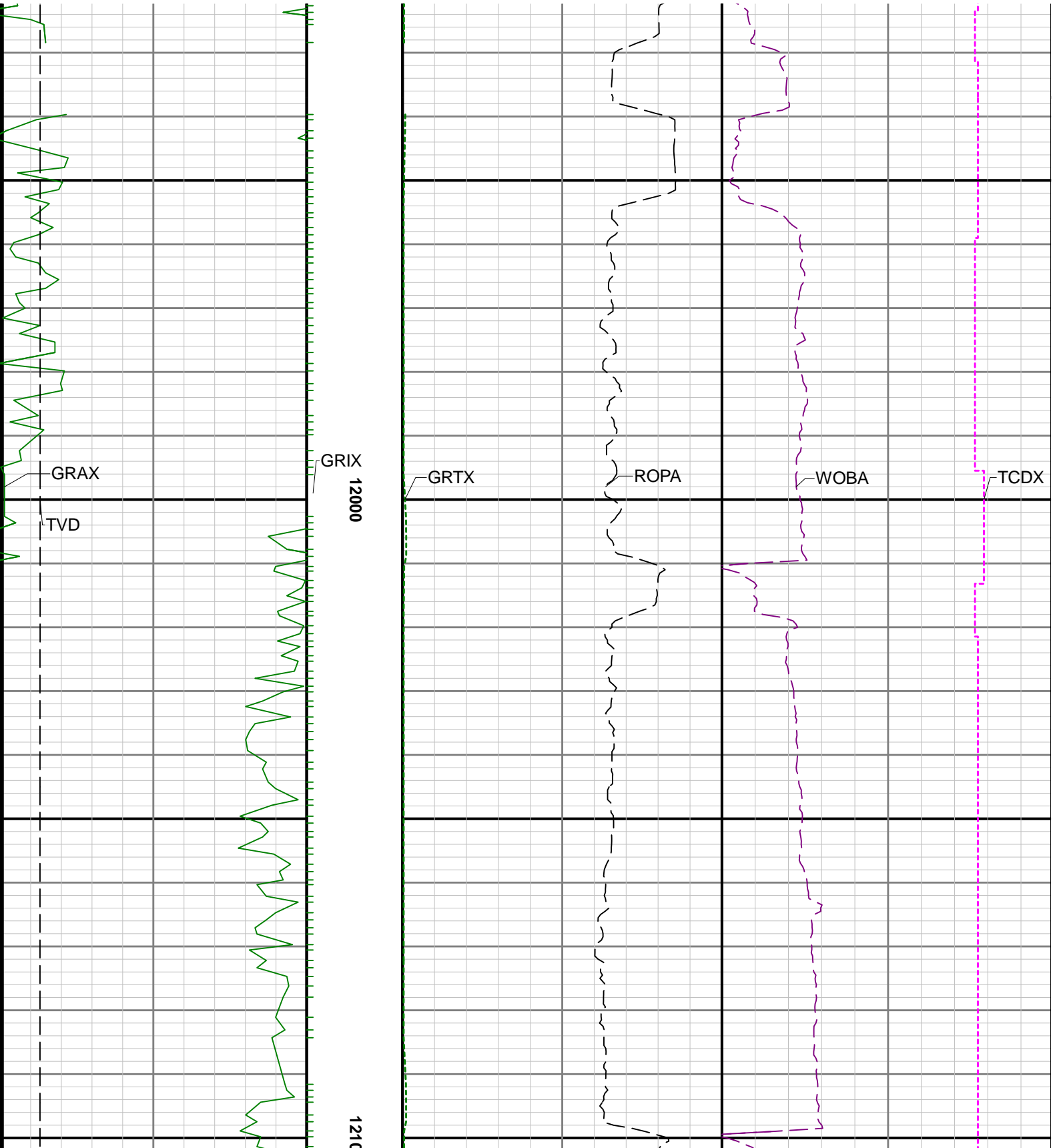




11800

11900







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12200

