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Crew								
Name	Arrive Wellsite	Depart Wellsite	Name	Arrive Wellsite	Depart Wellsite	Name	Arrive Wellsite	Depart Wellsite
John Moisan	2017-09-30	2017-10-03	Matthew Leopold	2017-10-03	2017-10-07			

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+ (%)
2017-10-01 17:00	2	1806.00	Diesel-Oil Based Mud	10.6	25	N/A	N/A	77/23	Active Pit	33000	0.00
2017-10-02 16:00	2	5915.00	Diesel-Oil Based Mud	10.1	16	N/A	8.2	77/23	Active Pit	37000	0.00
2017-10-03 11:35	3	7070.00	Diesel-Oil Based Mud	10.1	17	N/A	8.2	78/22	Active Pit	36000	0.00
2017-10-04 15:30	3	11166.00	Diesel-Oil Based Mud	10.2	24	N/A	8.4	76/24	Active Pit	38000	0.00

2017-10-05 04:00	3	13669.00	Diesel-Oil Based Mud	10.3	25	N/A	8.4	73/27	Active Pit	37500	0.00
2017-10-05 16:00	3	16461.00	Diesel-Oil Based Mud	10.5	26	N/A	8.8	73/27	Active Pit	41500	0.00
2017-10-06 04:00	3	18069.00	Diesel-Oil Based Mud	10.6	25	N/A	8.8	73/27	Active Pit	42000	0.00

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	Sensor Sub	ZAPS230924	VSS	11.41	62.30	8.000	3.250
1	Sensor Sub	ZAPS230924	Directional (mag)	11.41	62.30	8.000	3.250
1	Sensor Sub	ZAPS230924	Pressure	31.99	82.88	8.000	3.250
2	ATC_SU	12088420	Near Bit VSS	5.93	6.73	7.000	4.330
2	ATC_SU	12088420	Near Bit Inclination	5.93	6.73	7.000	4.330
2	ATC_MWD	12232962	Gamma (single)	2.20	12.35	7.000	3.250
2	ATC_MWD	12232962	Directional (mag)	12.27	22.42	7.000	3.250
3	ATC_SU	14192925	Near Bit VSS	5.93	6.73	7.000	4.330
3	ATC_SU	14192925	Near Bit Inclination	5.93	6.73	7.000	4.330
3	ATC_MWD	12141354	Gamma (single)	2.75	12.90	7.000	3.250
3	ATC_MWD	12141354	Directional (mag)	12.27	22.42	7.000	3.250

Service and Tool Mnemonics


Mnemonic	Name	Description
GAM	APS	APS EM Module
ATC_SU	ATC_SU	Auto Trak Curve Steering Unit
ATC_MWD	ATC_MWD	Auto Trak Curve MWD
ATC_LCPM	ATC_LCPM	Auto Trak Curve LCPM

Comments

1	Depth measurements 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.
2	Baker Hughes LWD Run 1 utilized 8 inch NaviTrak service (Directional only) behind a 13 1/2 inch bit and steerable assembly from surface to 1806 feet MD (surface to 1768 feet TVD). No logging data was acquired during this run.
3	Gamma Ray Curves (GRAM-GRAUM-GRADM) are presented 0 to 300 API per customer request.
4	

Remarks

Number	Measured Depth (ft)	Hole Section (in)	Run No.	Remark
1	7063.00	8.500	2	The interval from 7057 to 7070 feet MD (6813 to 6823 feet TVD) was logged up to 11 hours after being drilled due to a trip out of the hole for a tool failure.
2	18257.00	8.500	3	The interval from 18243 to 18368 feet MD (7044 feet TVD) was not logged due to sensor to bit offset at well TD, distance was further due to tool failure.



Company

Well

Interval

Created

SRC Energy

AG 32C-31-L

Date From:2017-10-01 17:05:03

Date To:2017-10-06 02:40:40

2017-10-07 07:50:43

Top:1806.00

Bottom:18368.00

Gamma Ray - Apparent 0.5 ft Average GRAM

0300

API

Azimuthal Gamma Ray - Apparent - Up Quadrant 0.5 ft Average GRAUM

0300

API

Azimuthal Gamma Ray - Apparent - Down Quadrant 0.5 ft Average GRADM

0300

API

True Vertical Depth TVD

80001500

ft

MD 1:240 feet

Gamma Time Since Drilled GRTM

0600

min

Depth Averaged ROP 3 ft Average ROPA

10000

ft/h

Weight On Bit, Average 1 ft Average WOBA


050

klb

Downhole Temperature TCDM

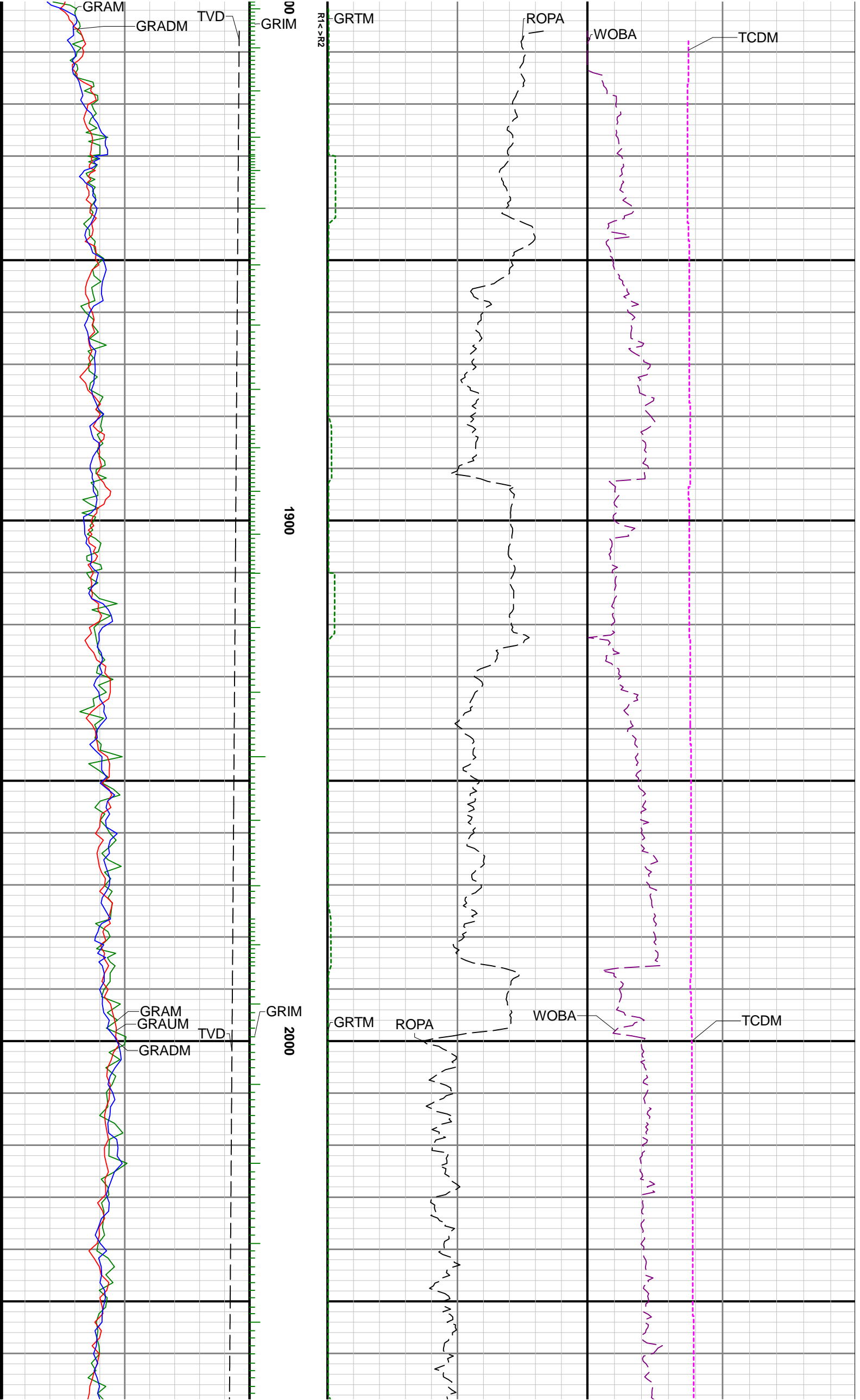
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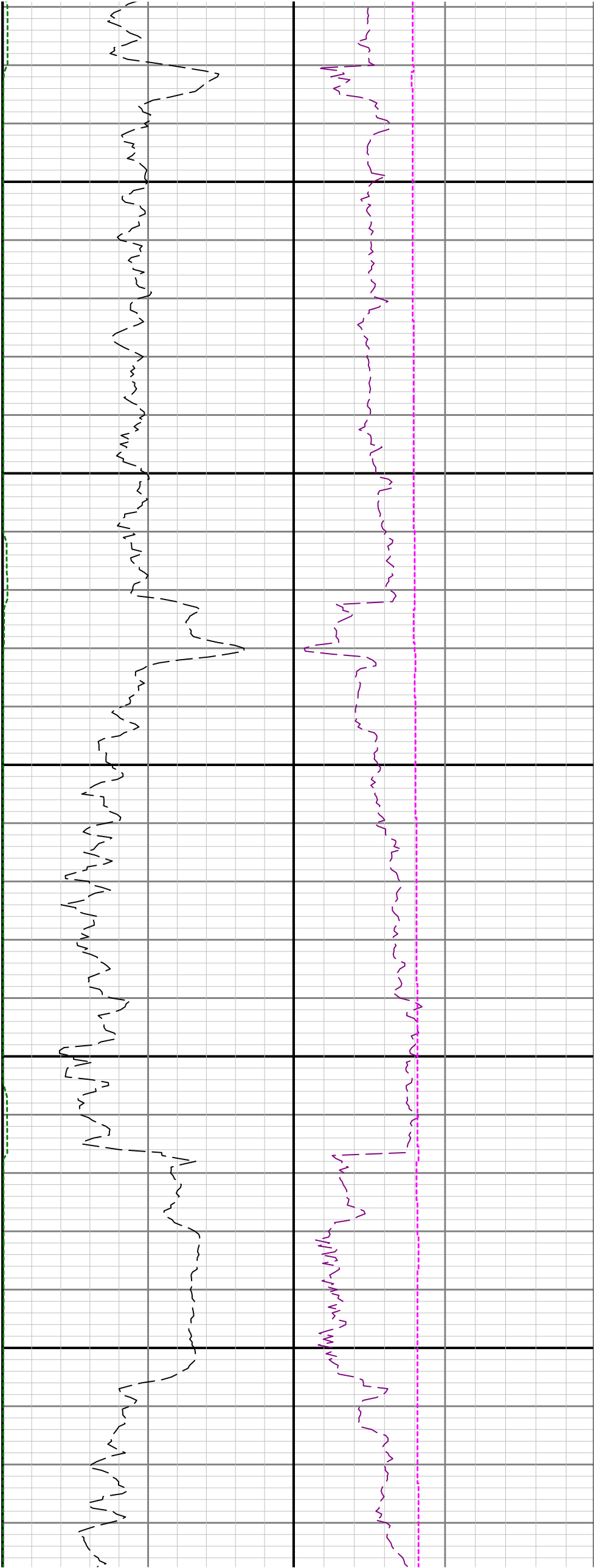
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9 5/8" Casing

18

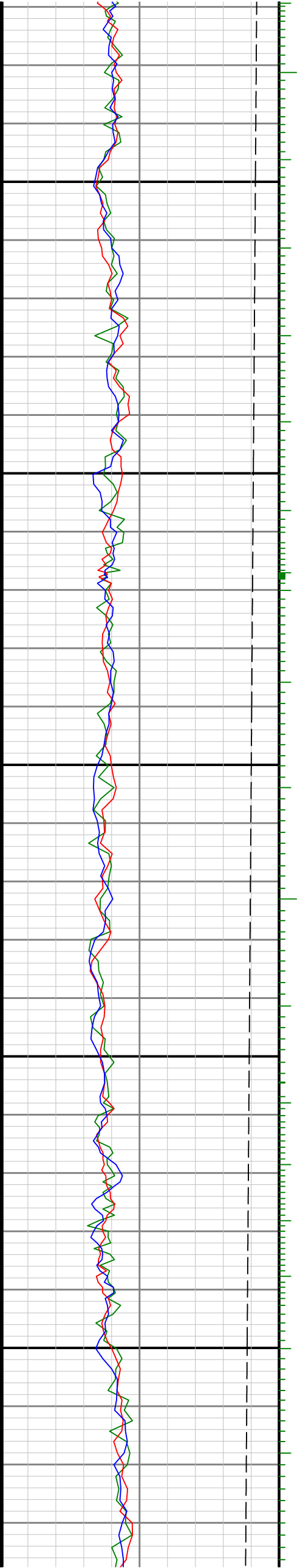


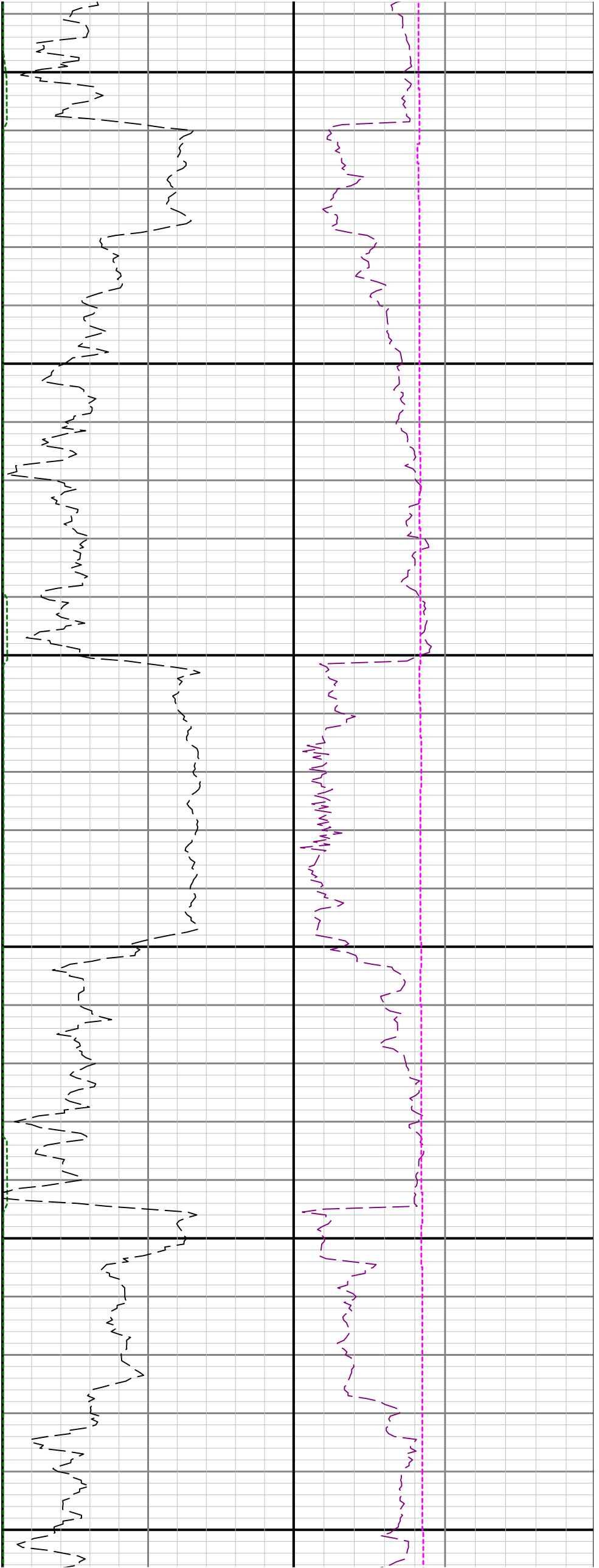


2100

2200

2300

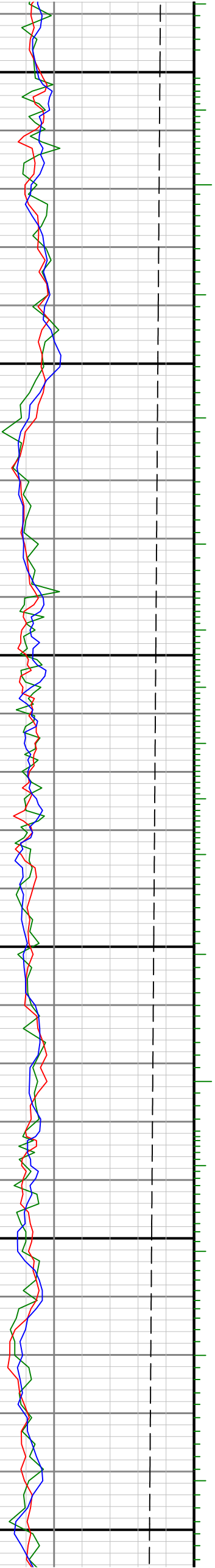


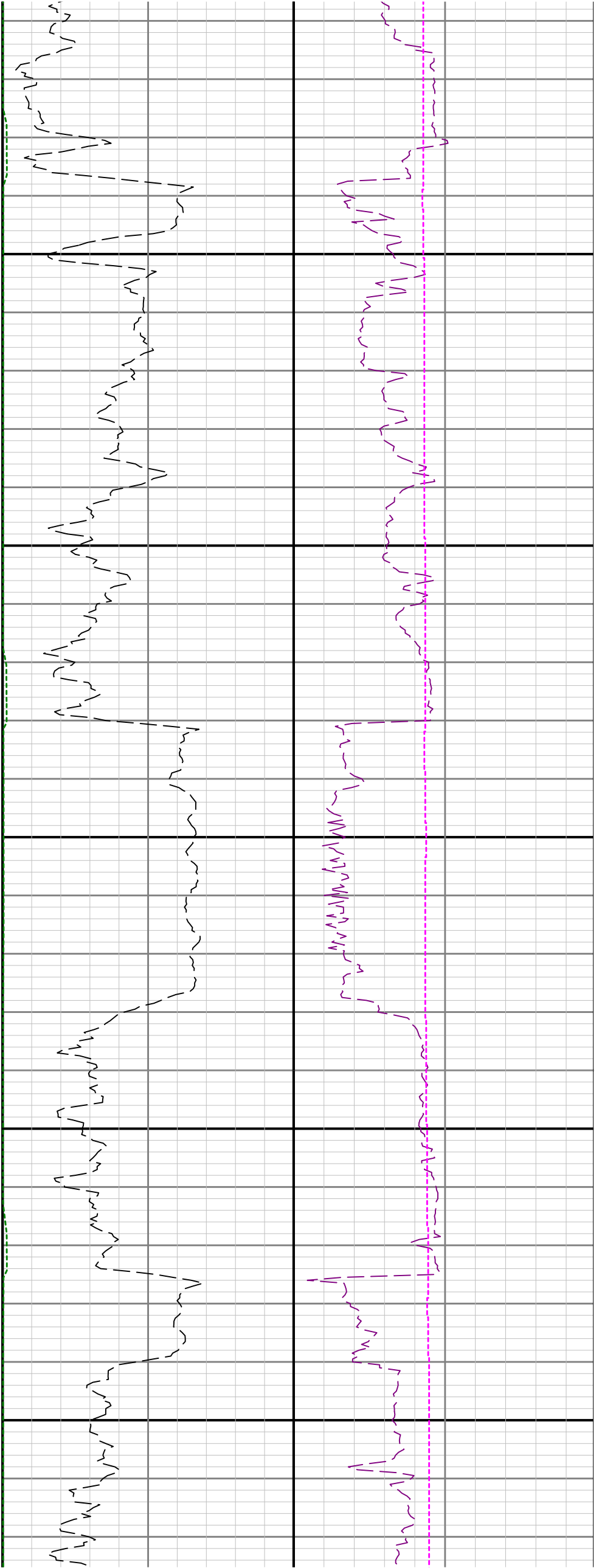


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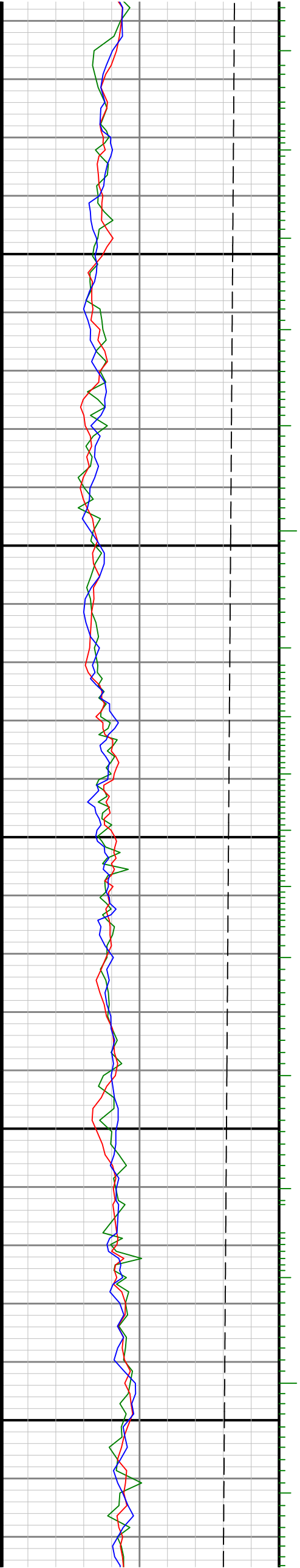
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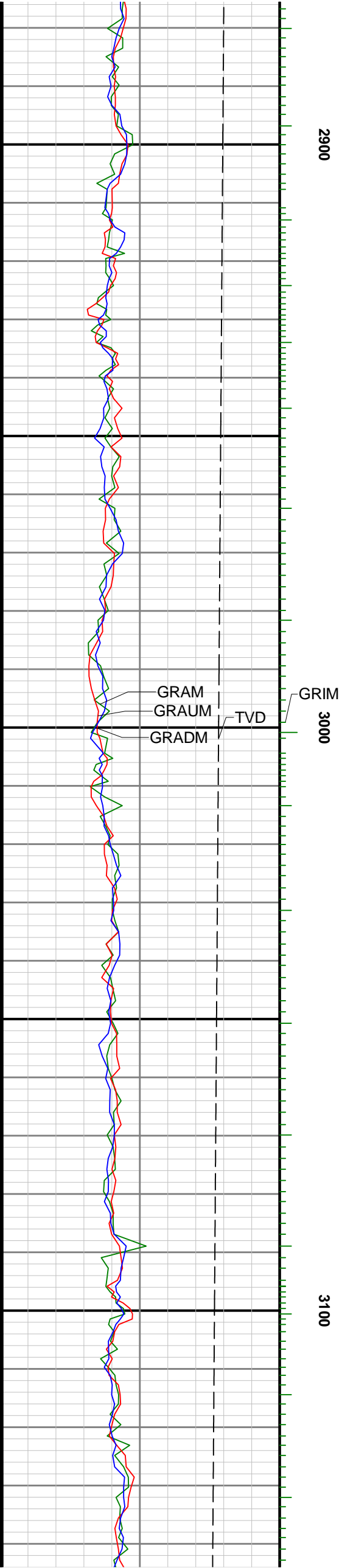
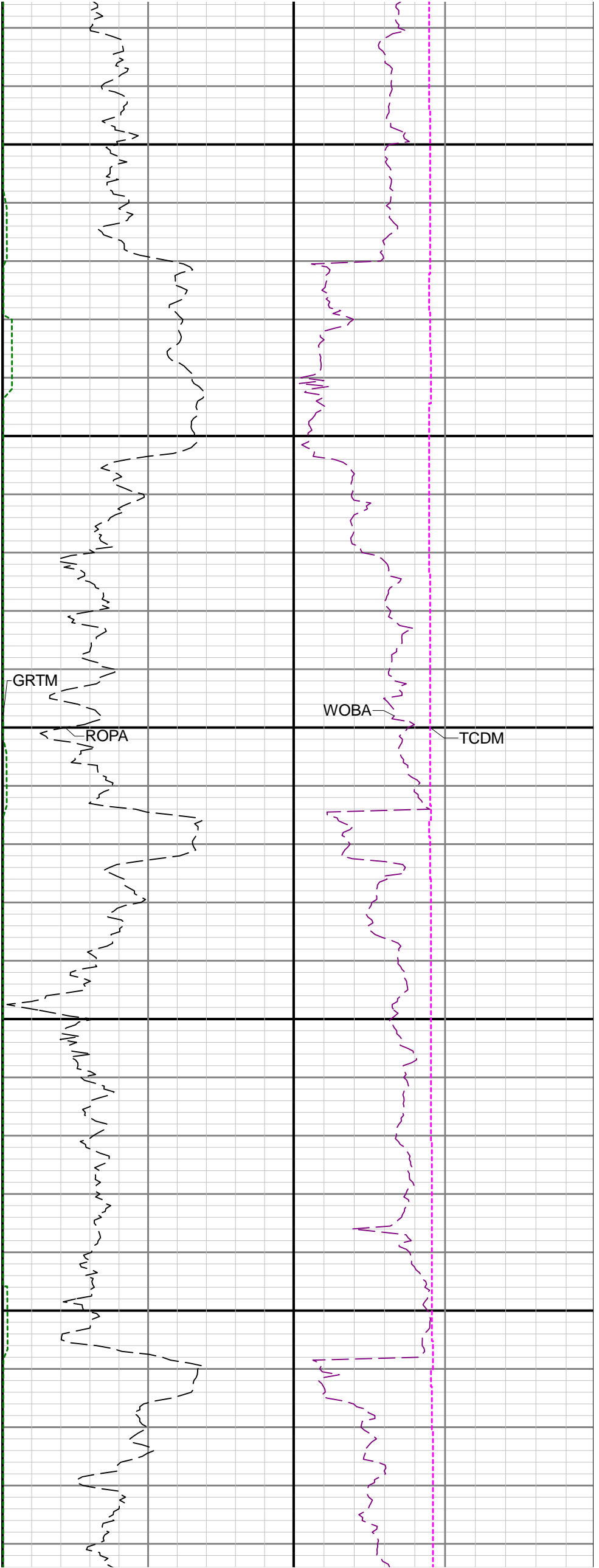


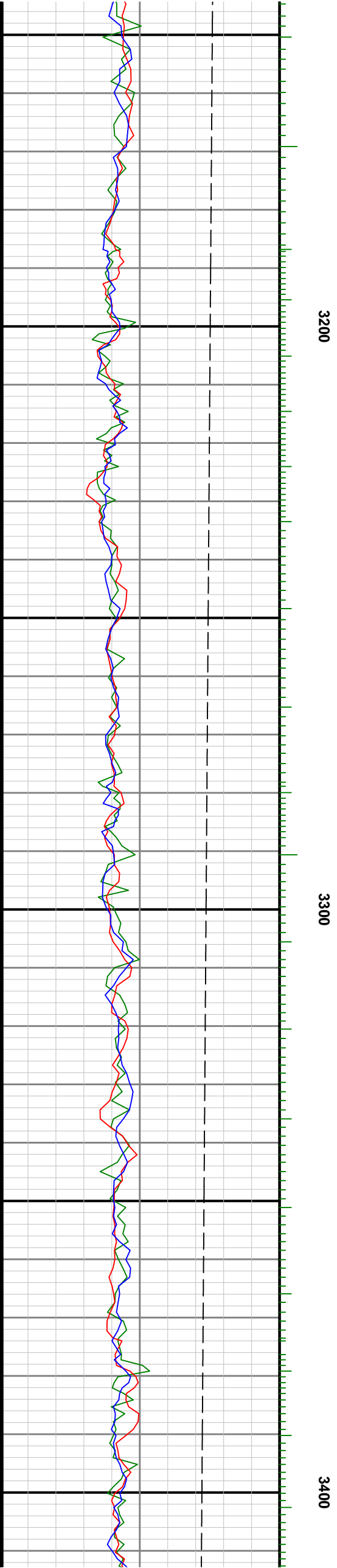
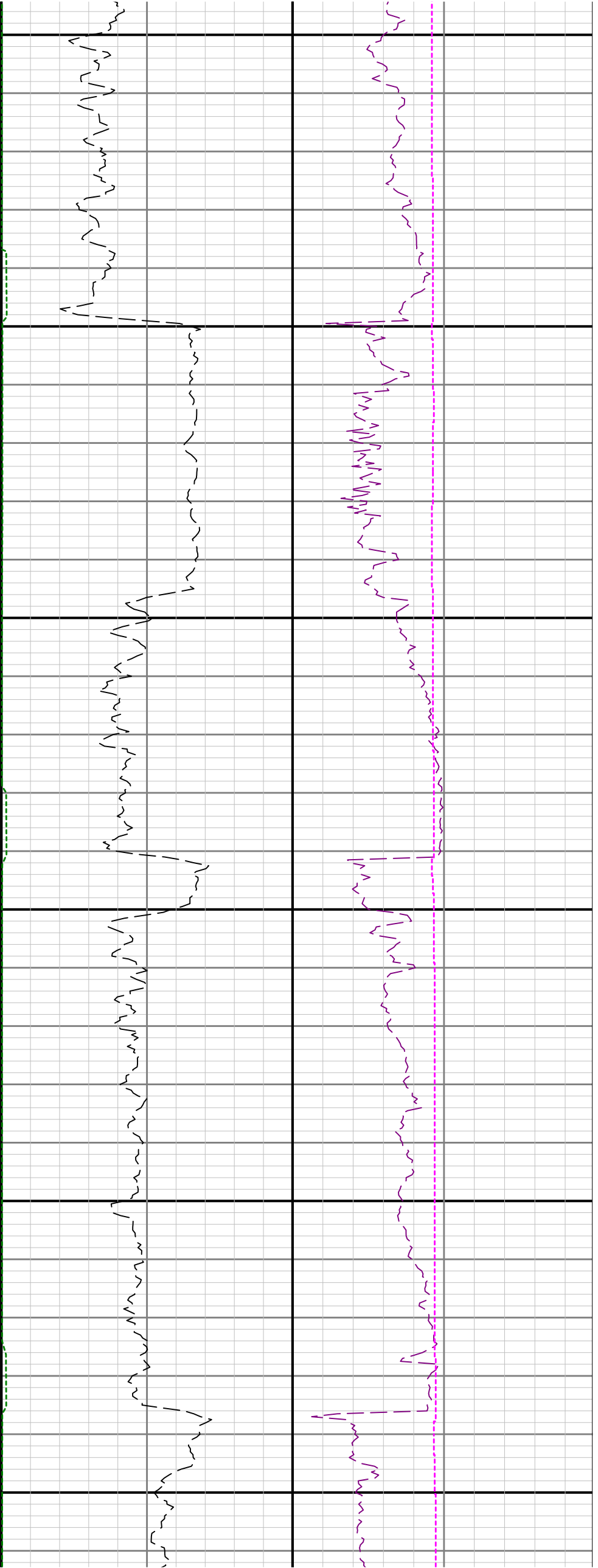


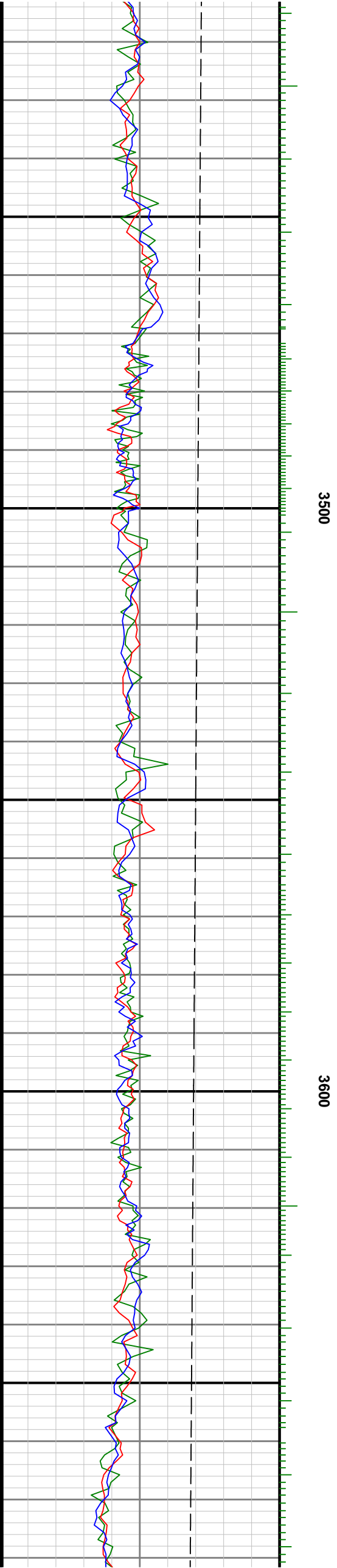
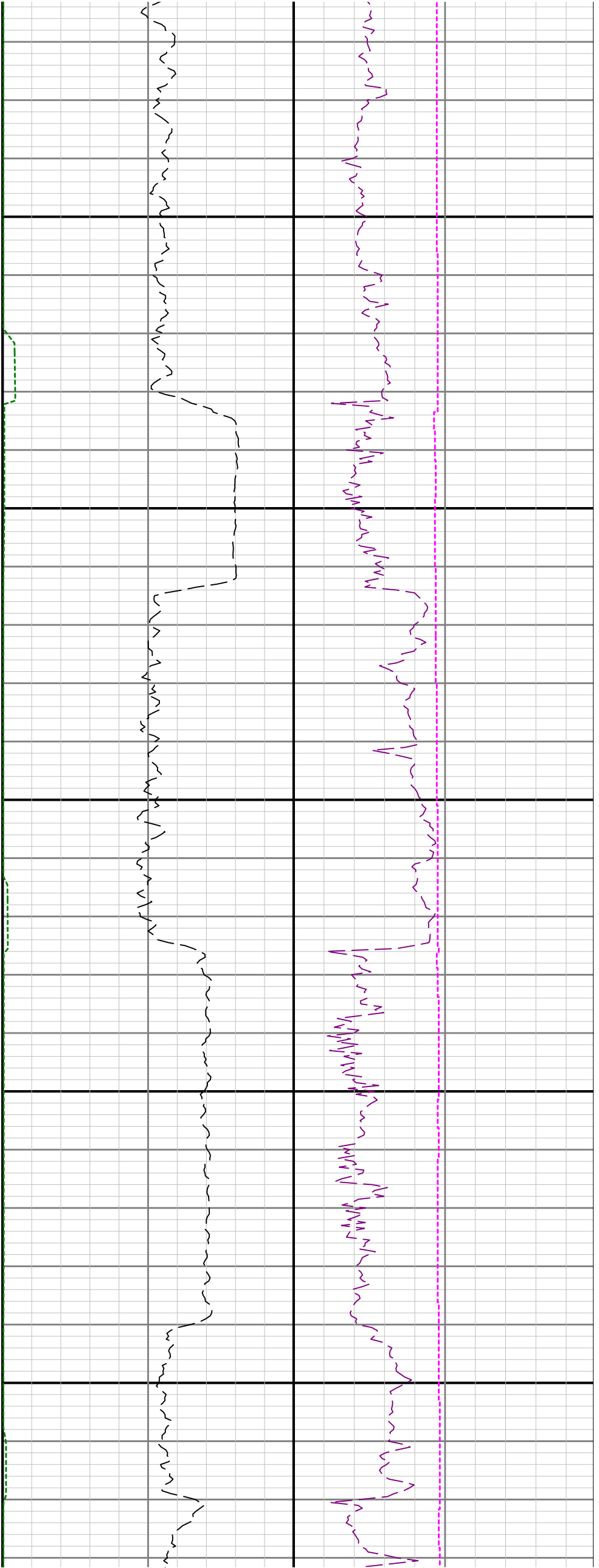
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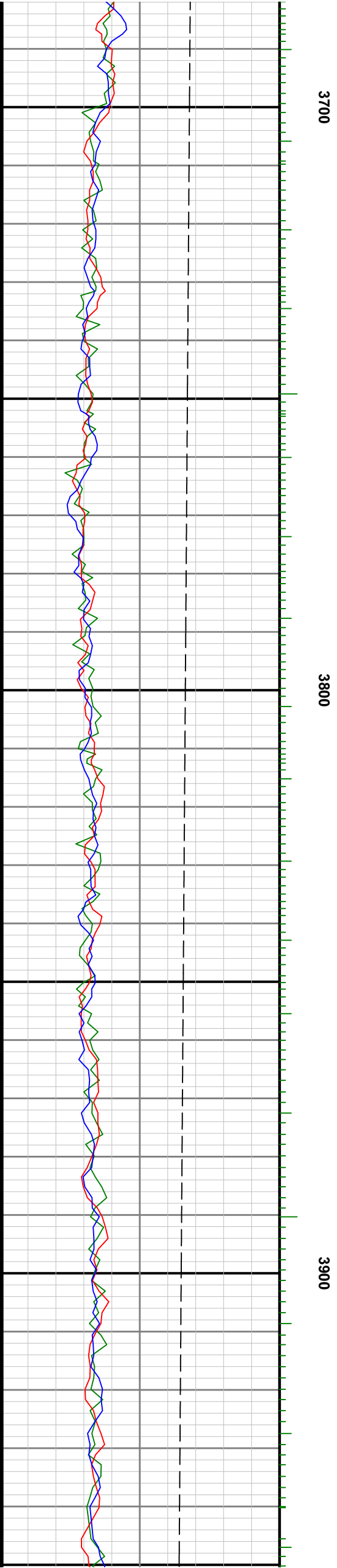
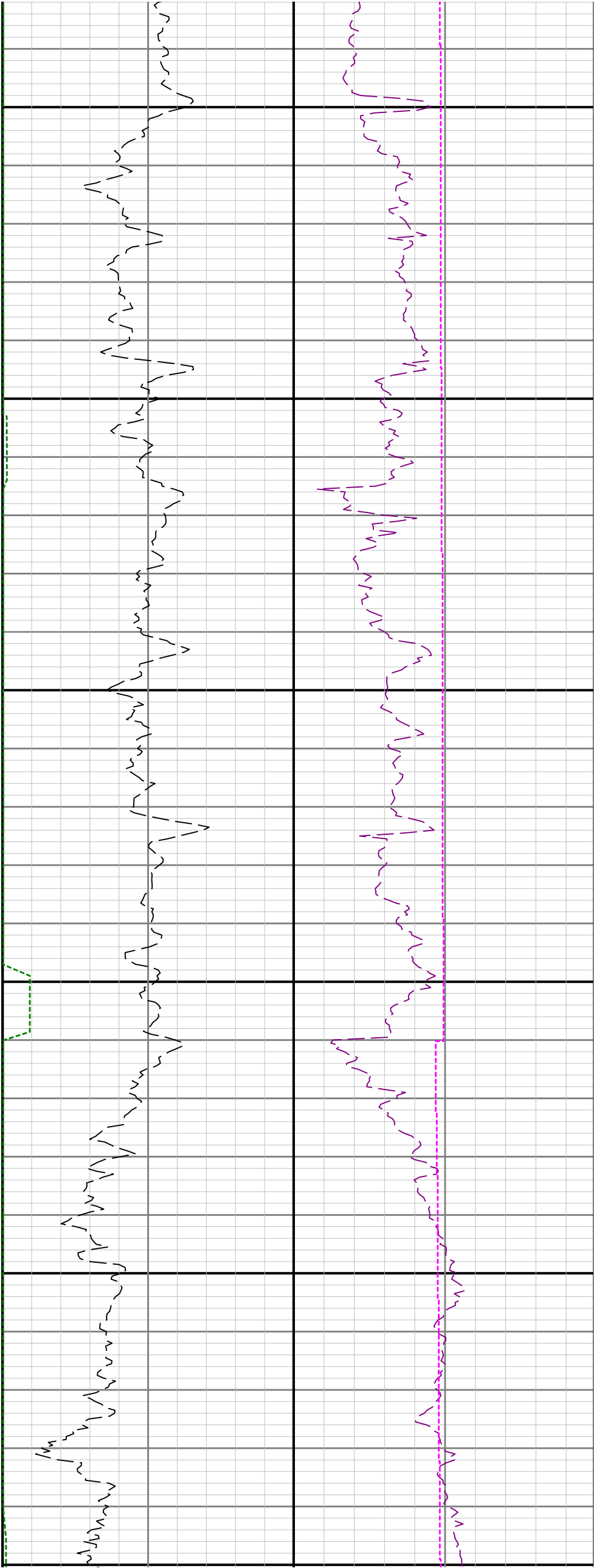
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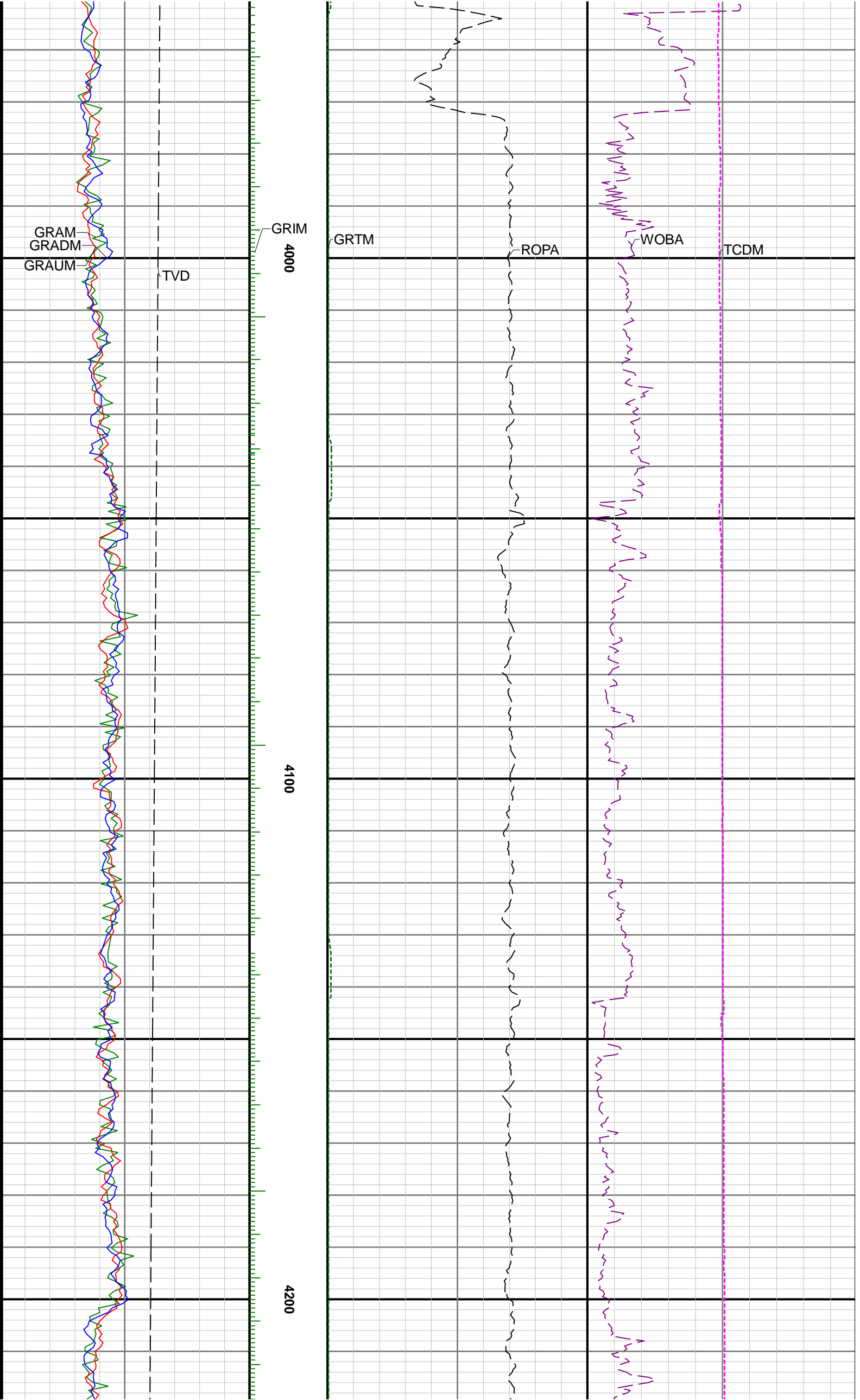


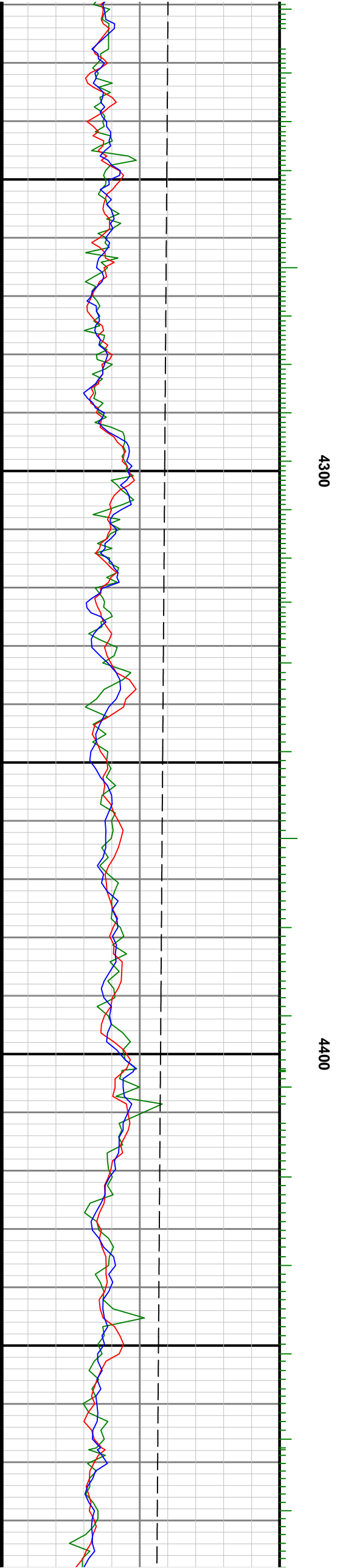
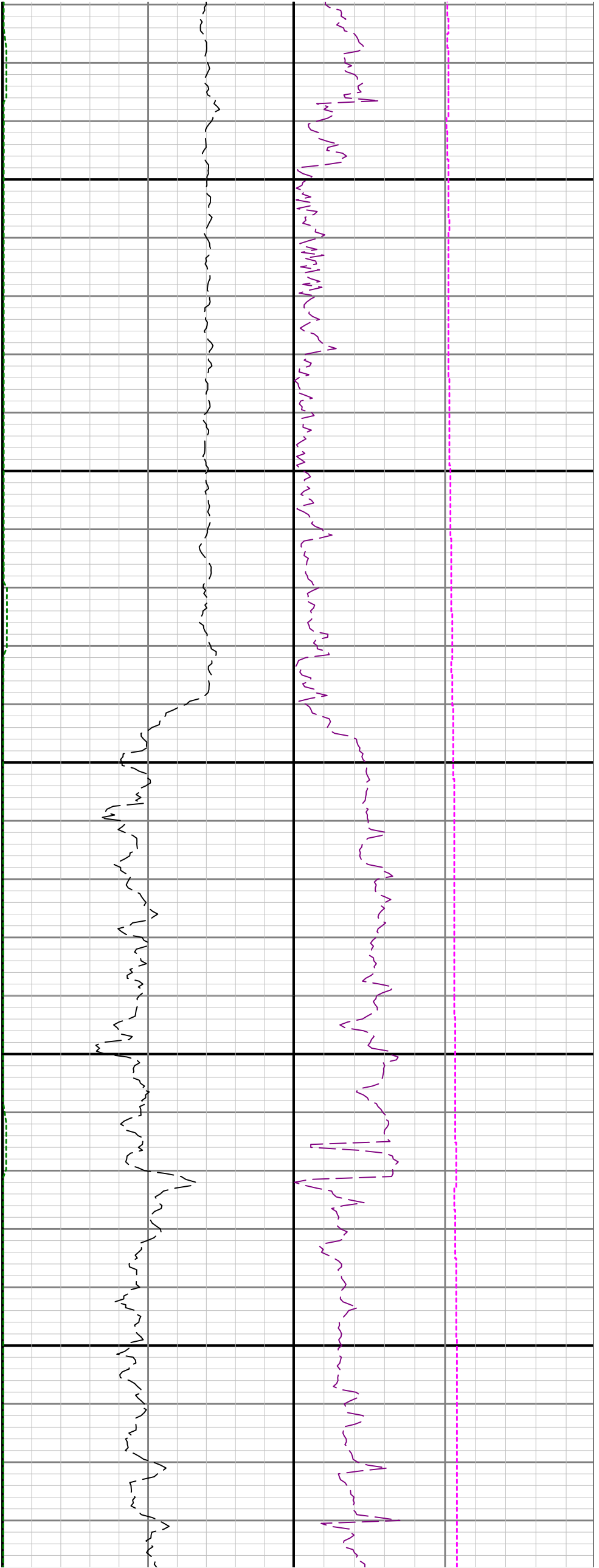


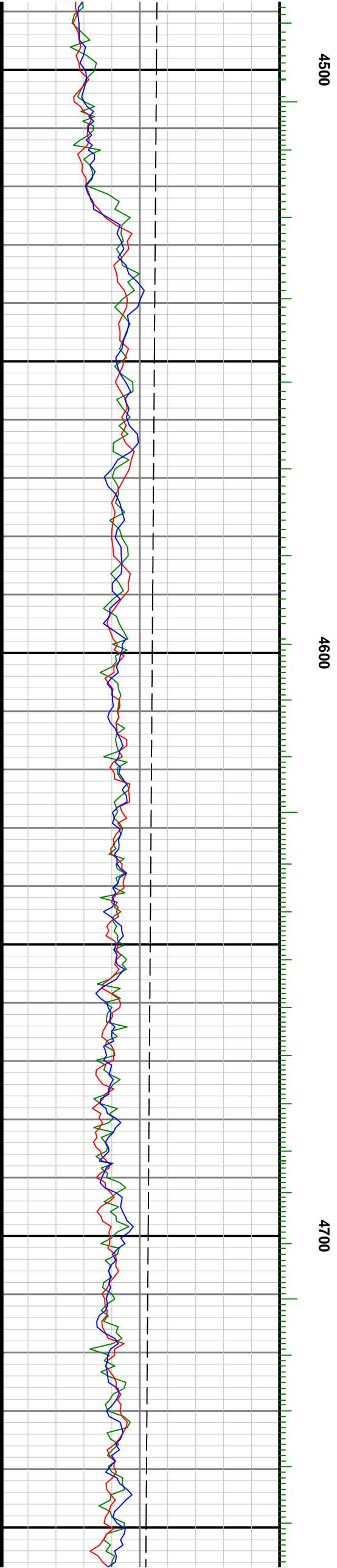
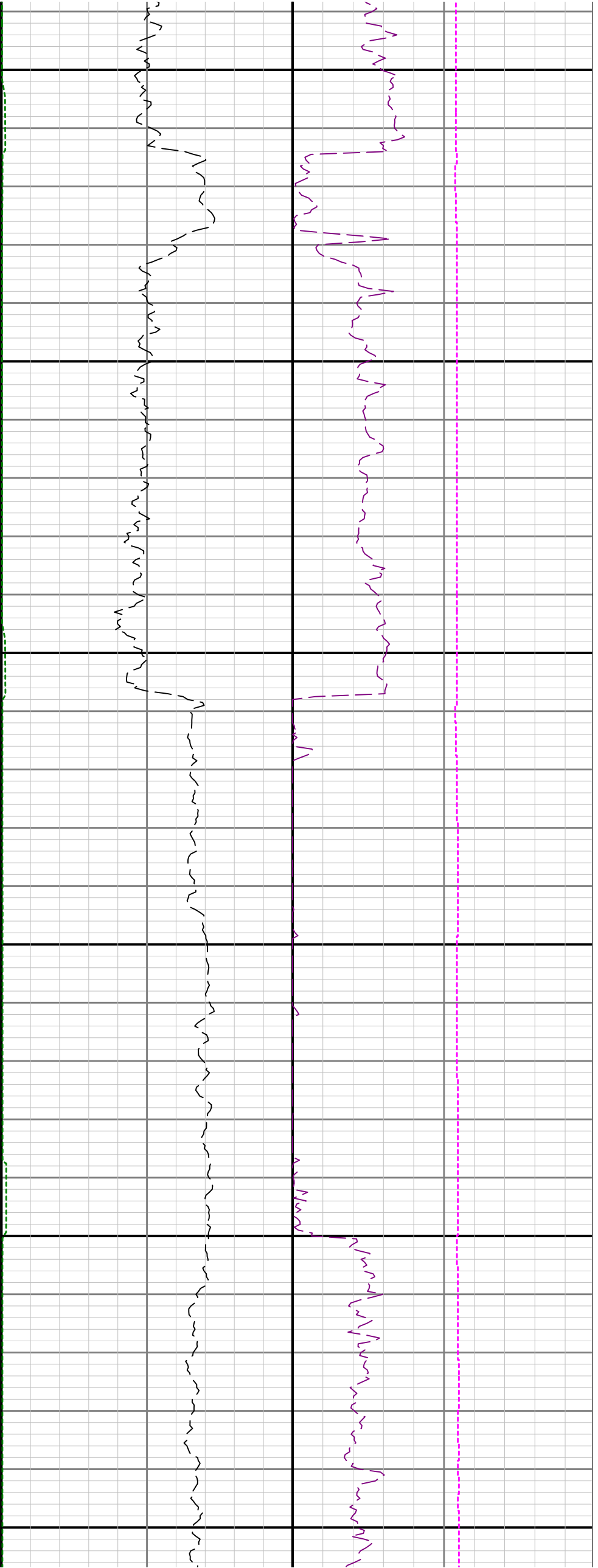


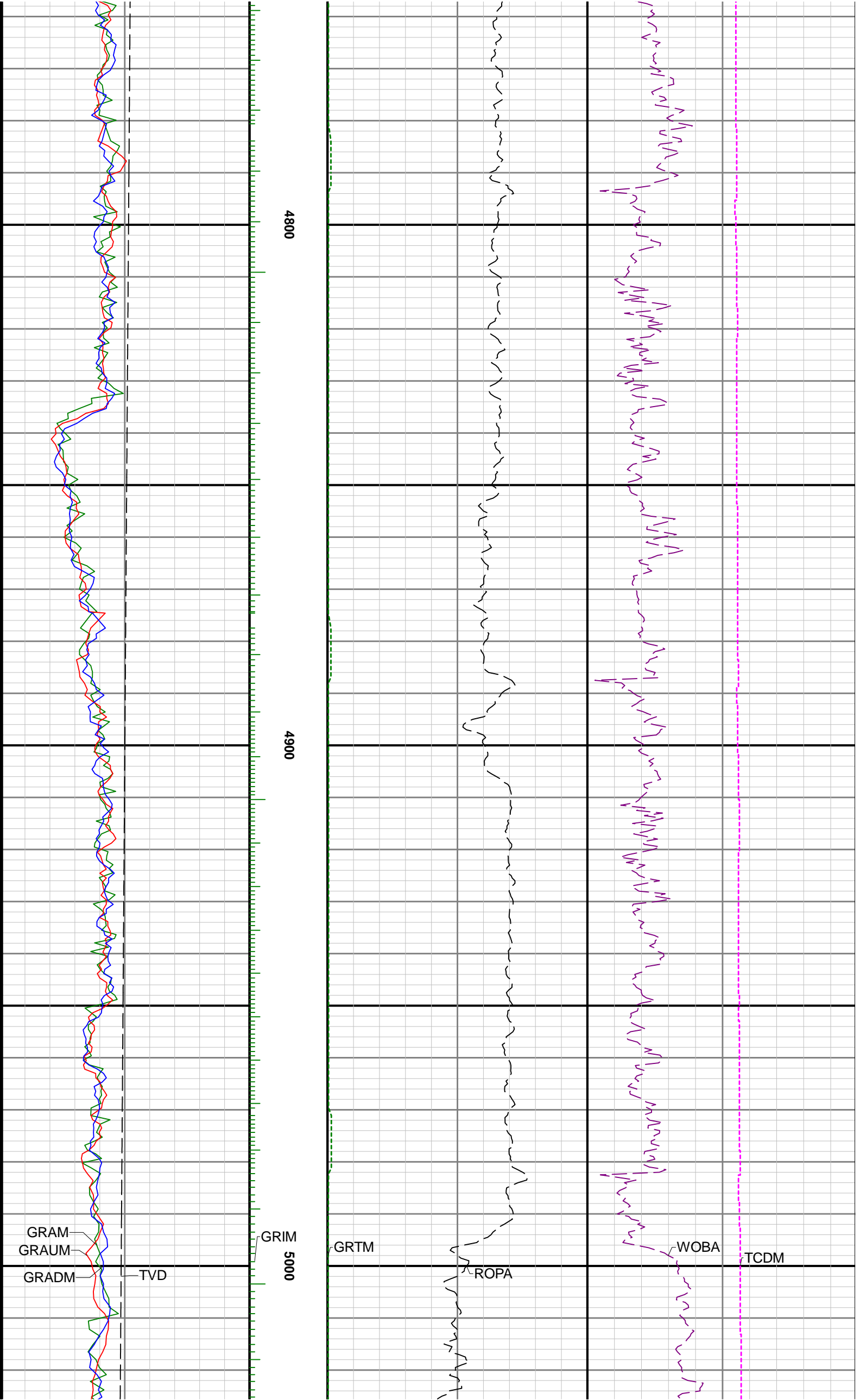


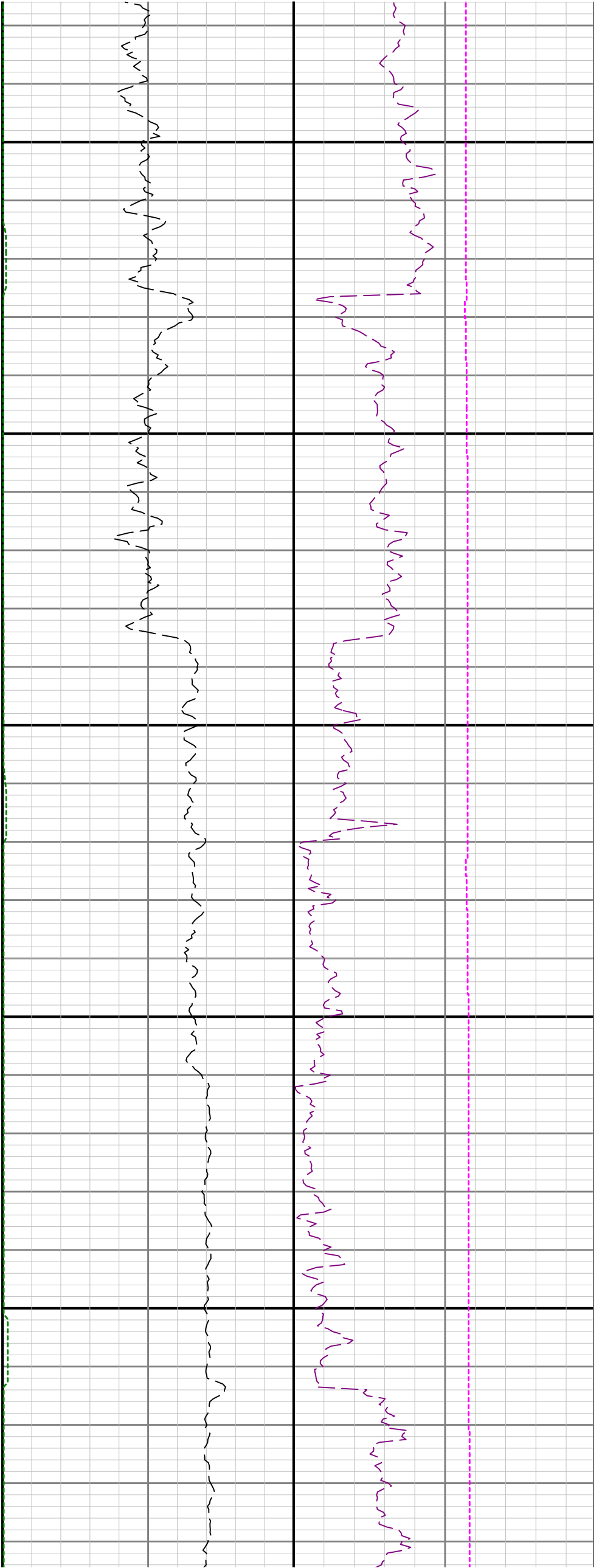






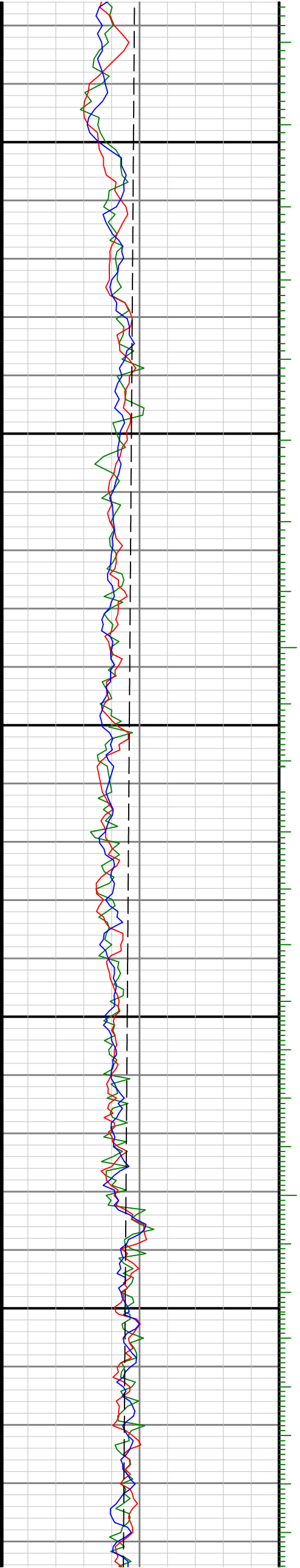


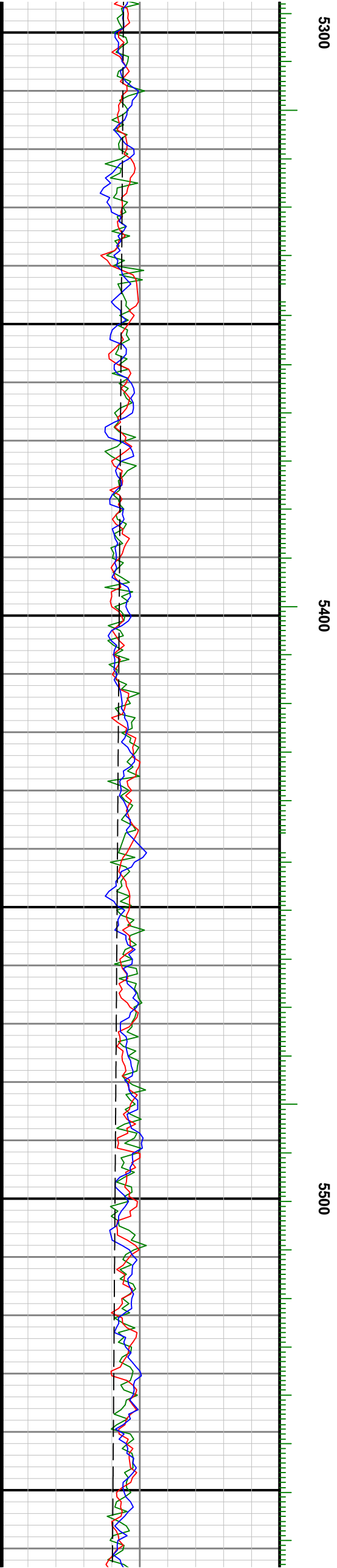
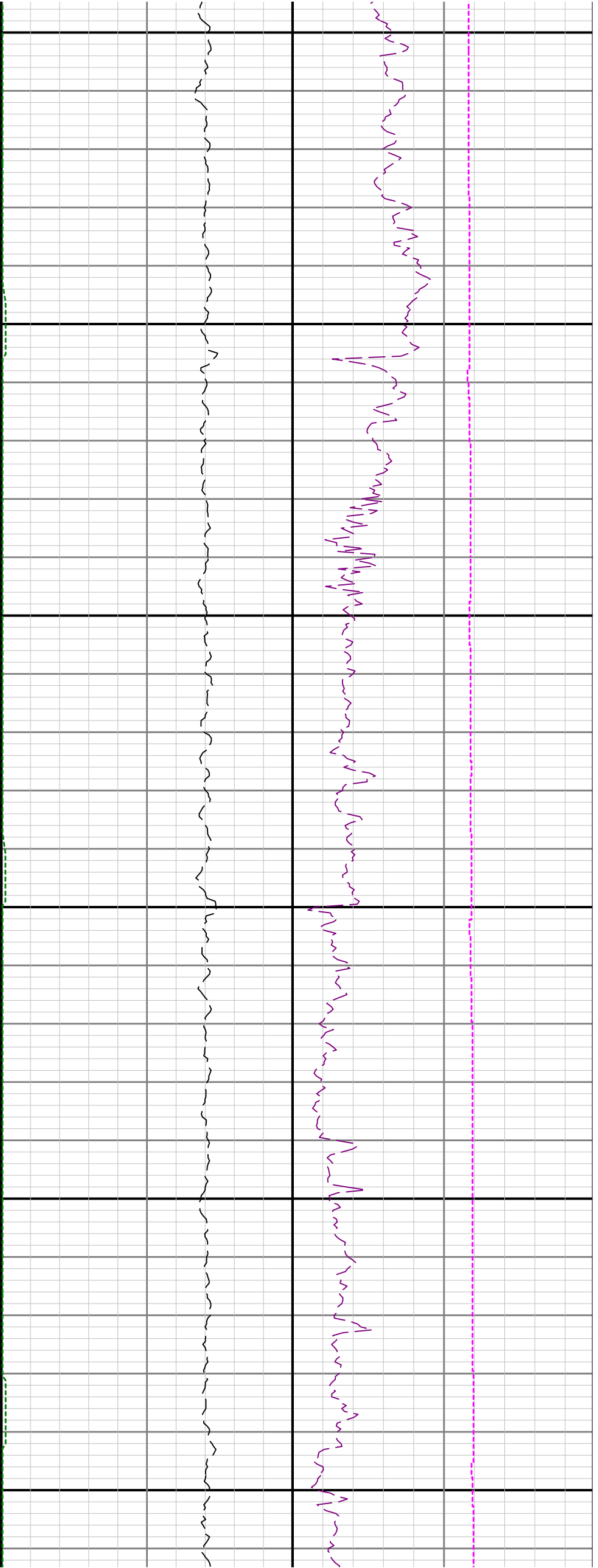


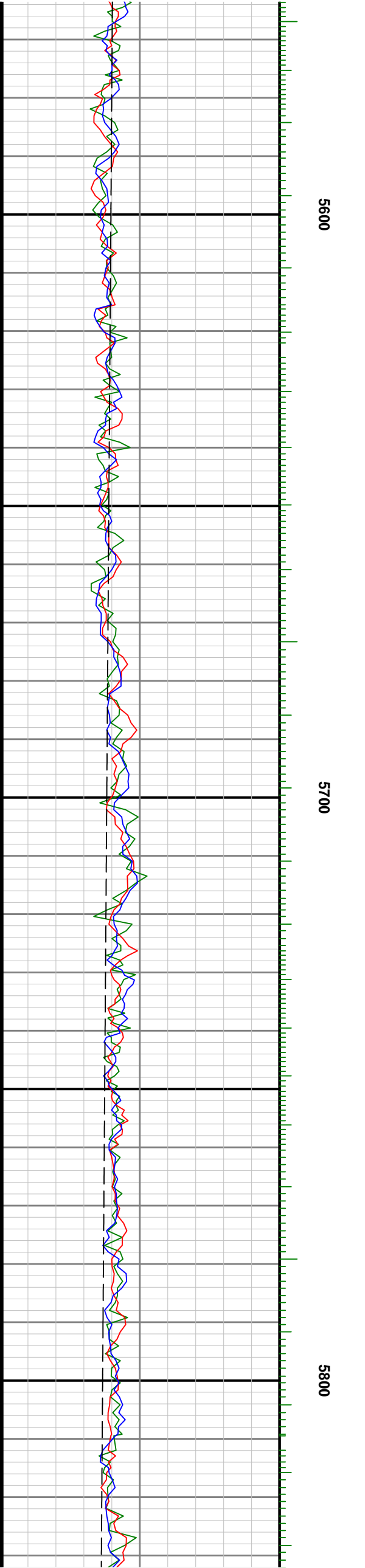
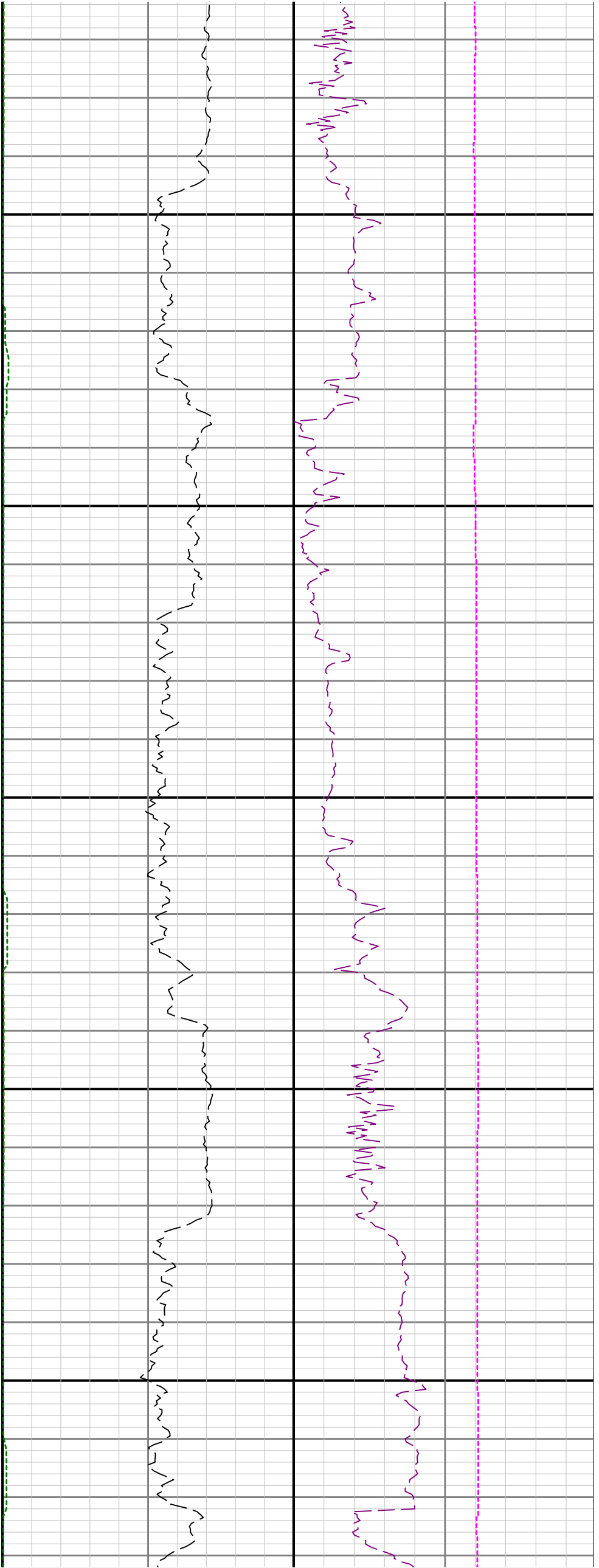


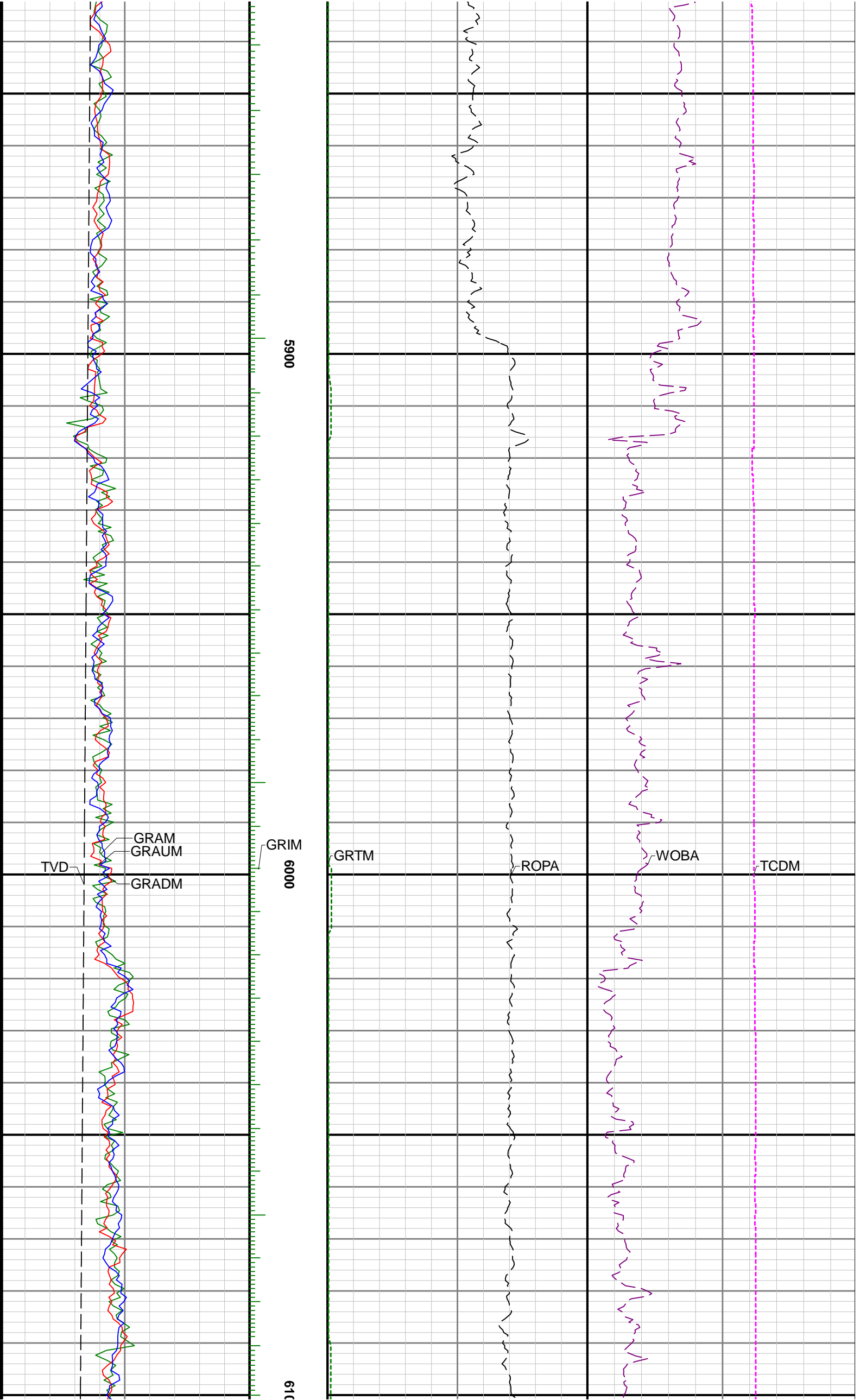
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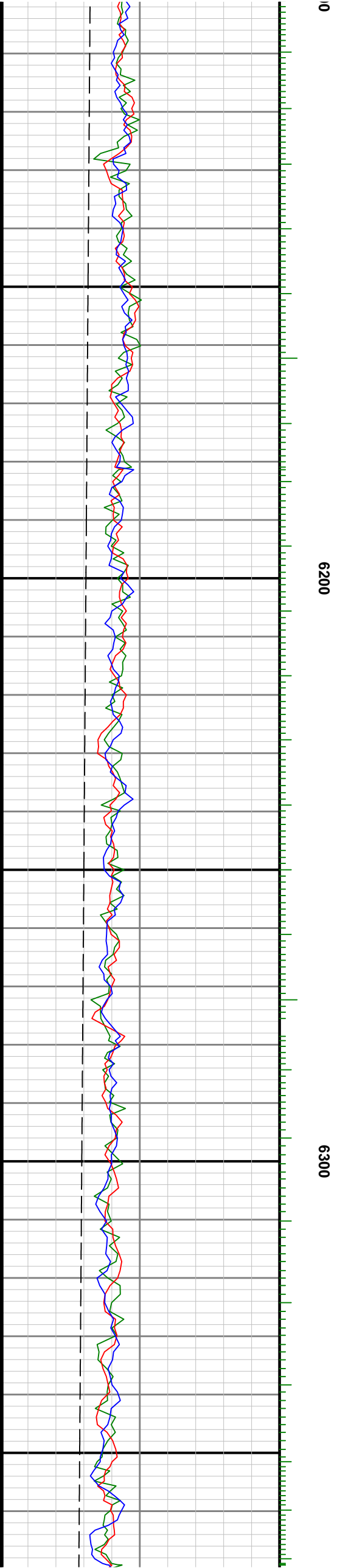
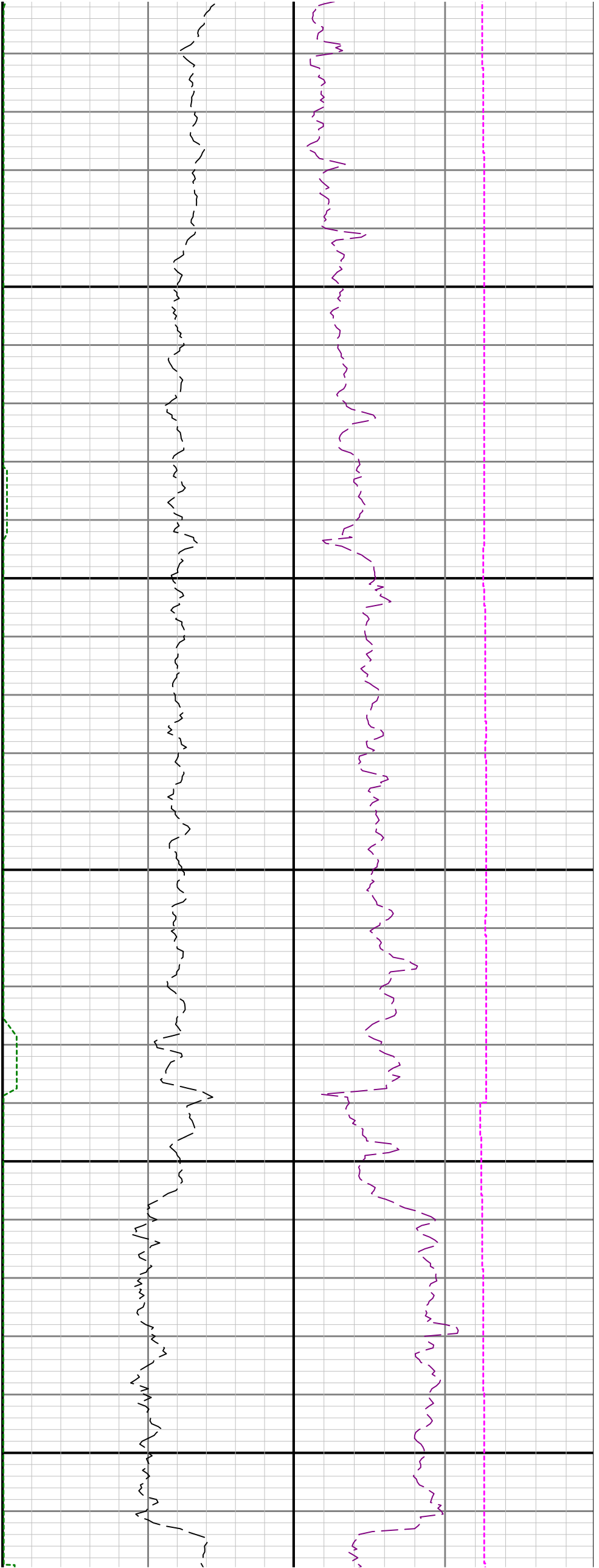
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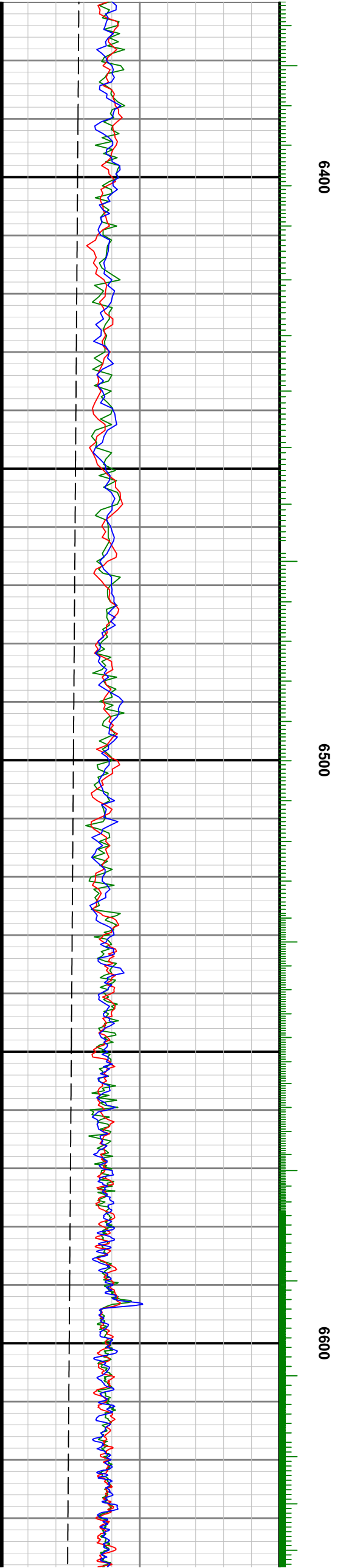
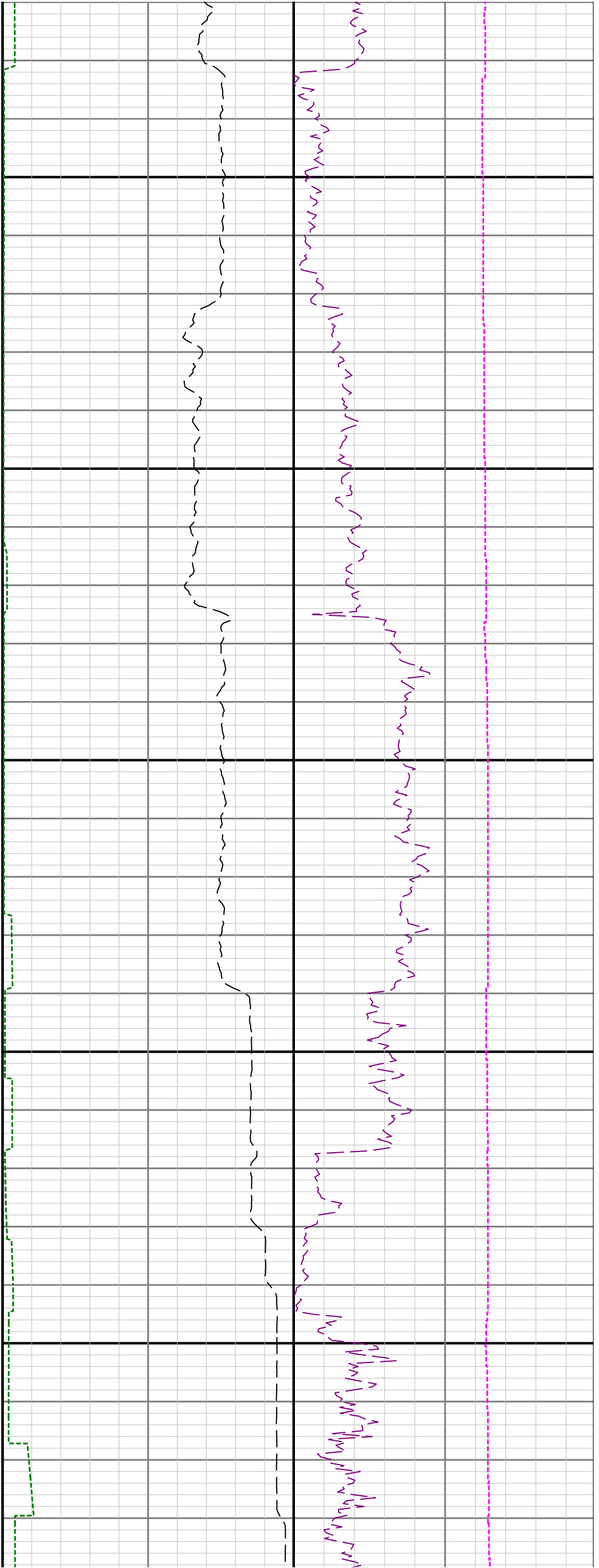


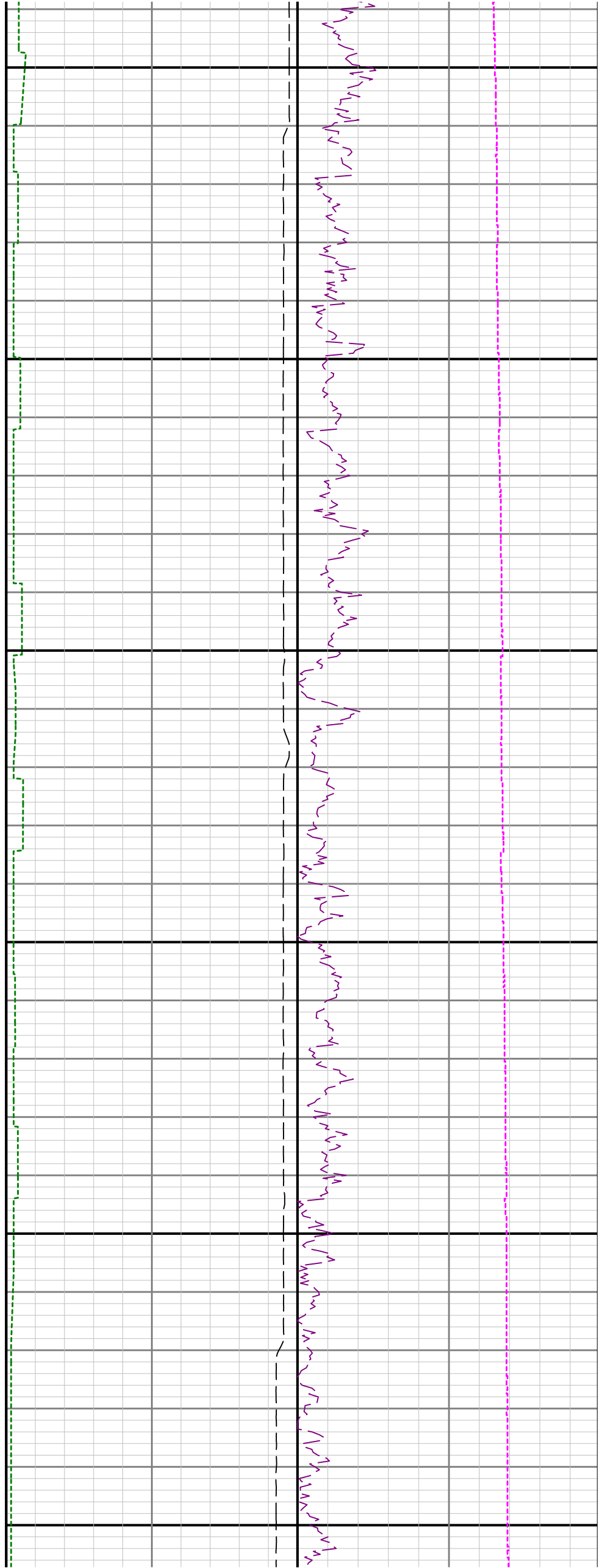
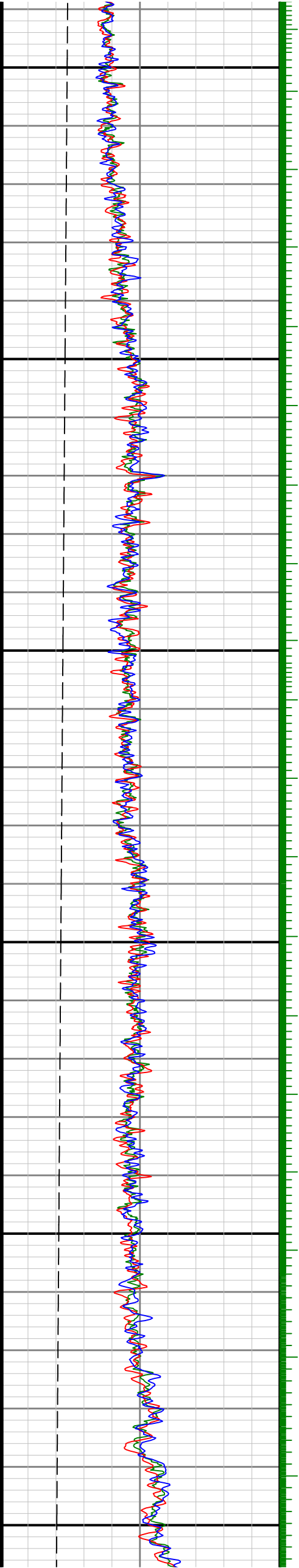


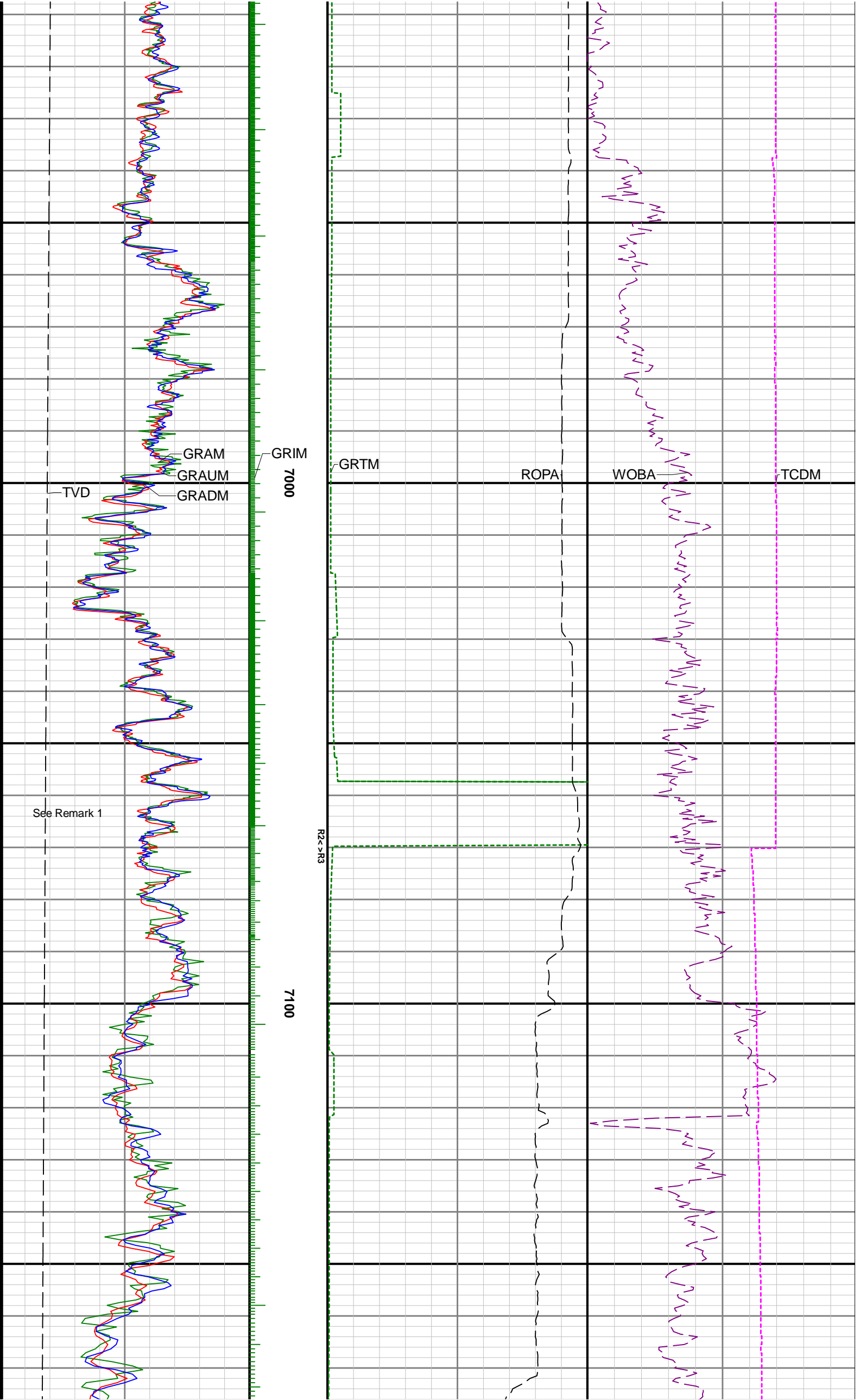


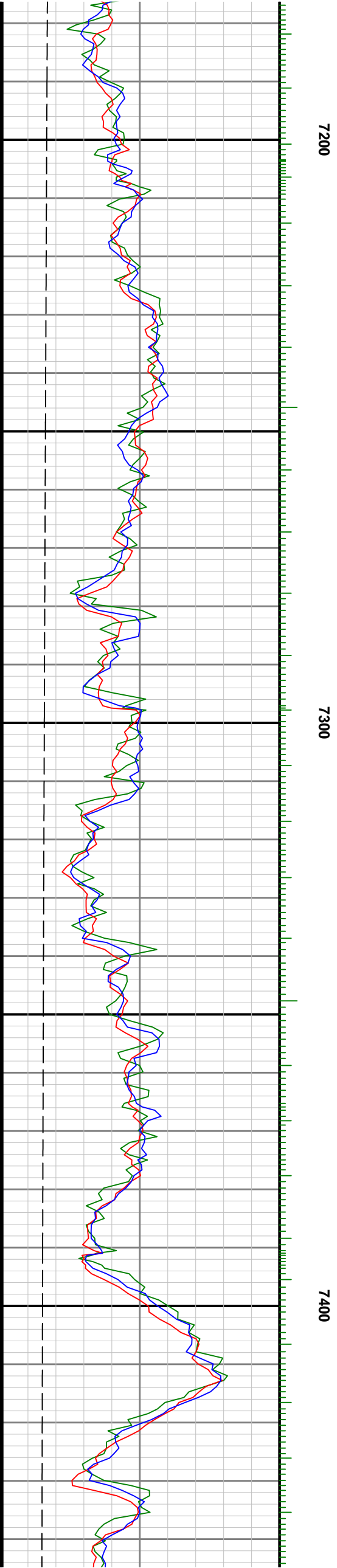
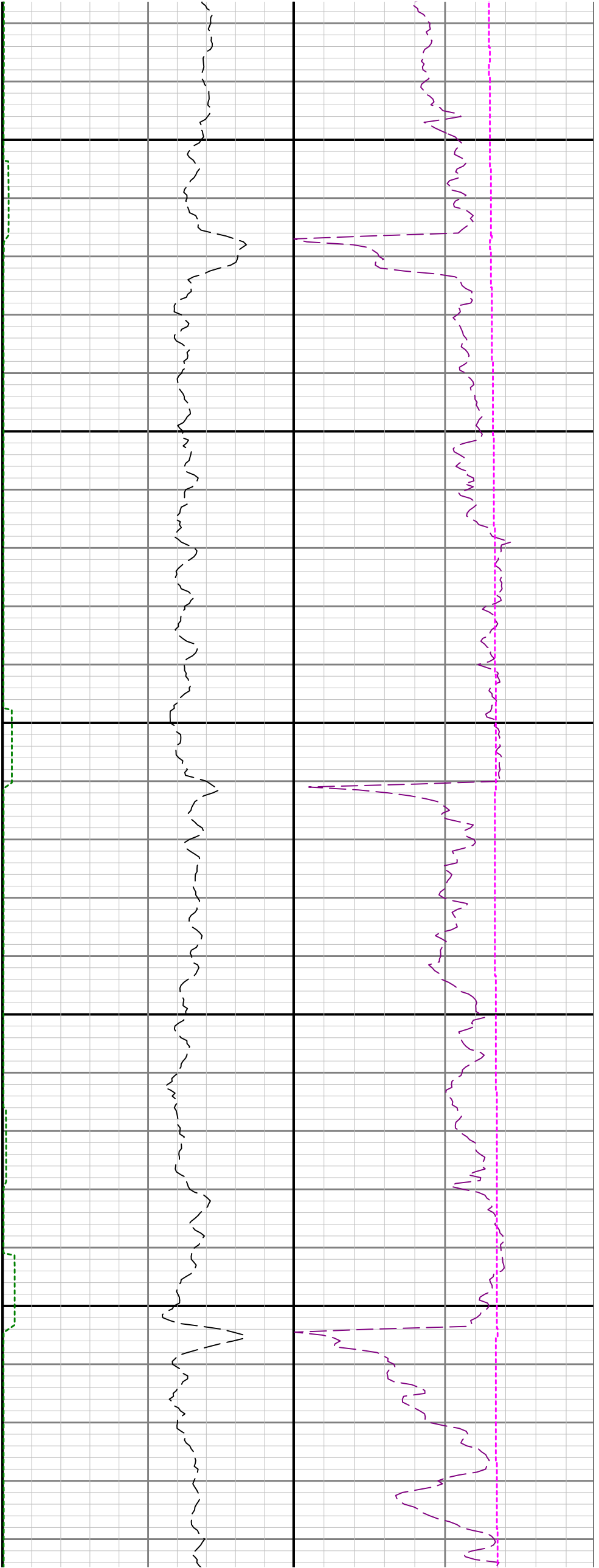


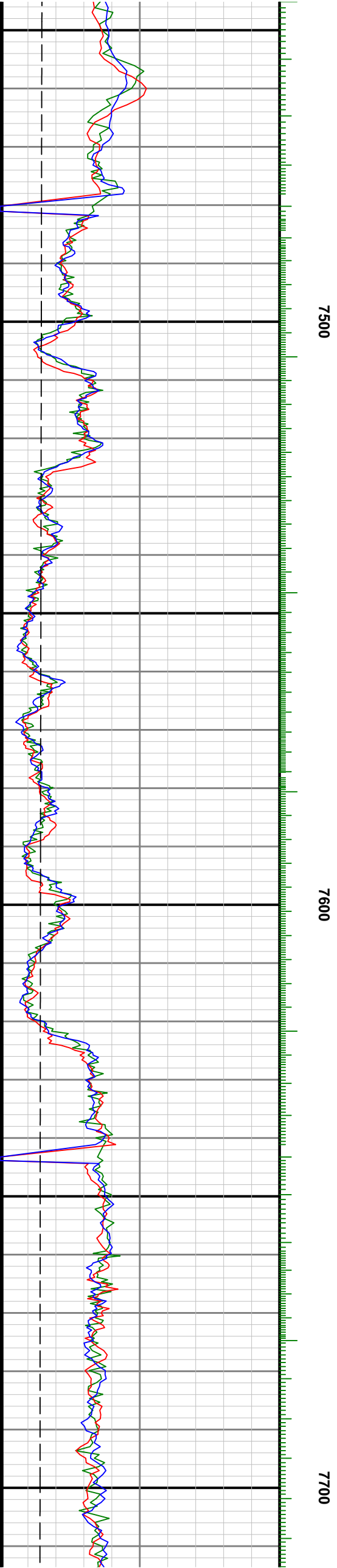
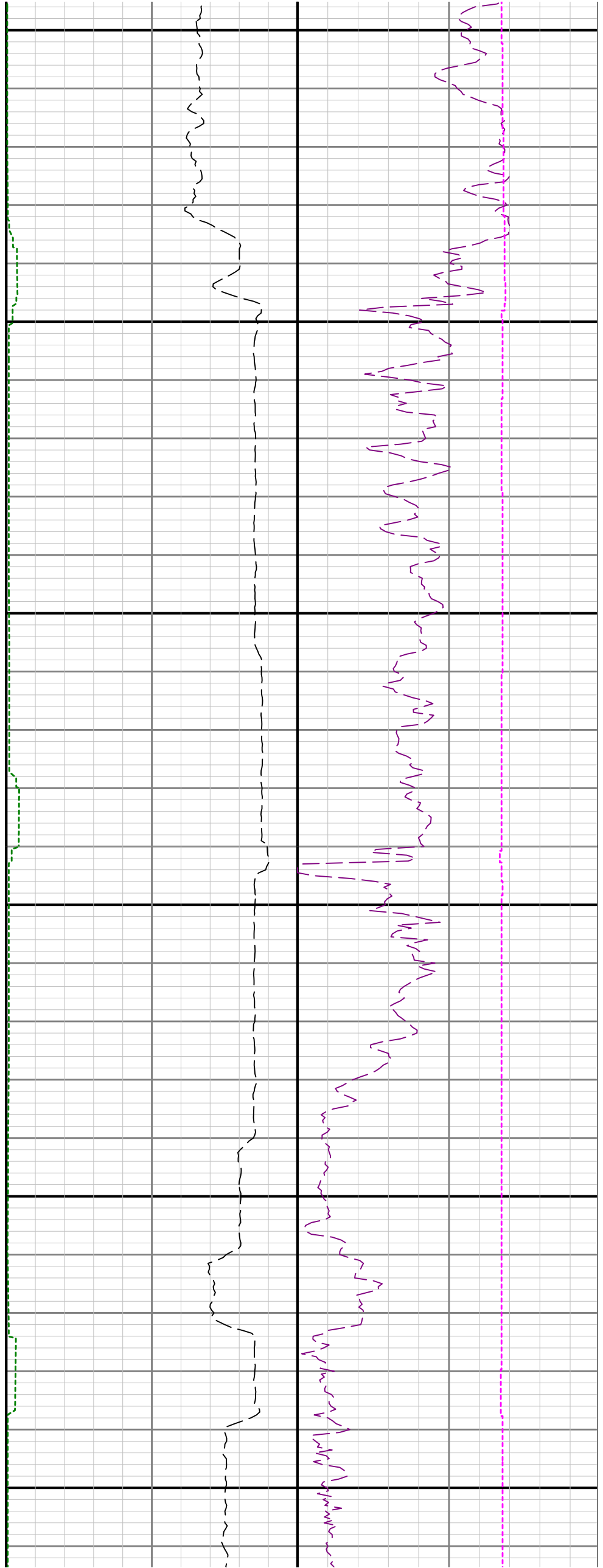


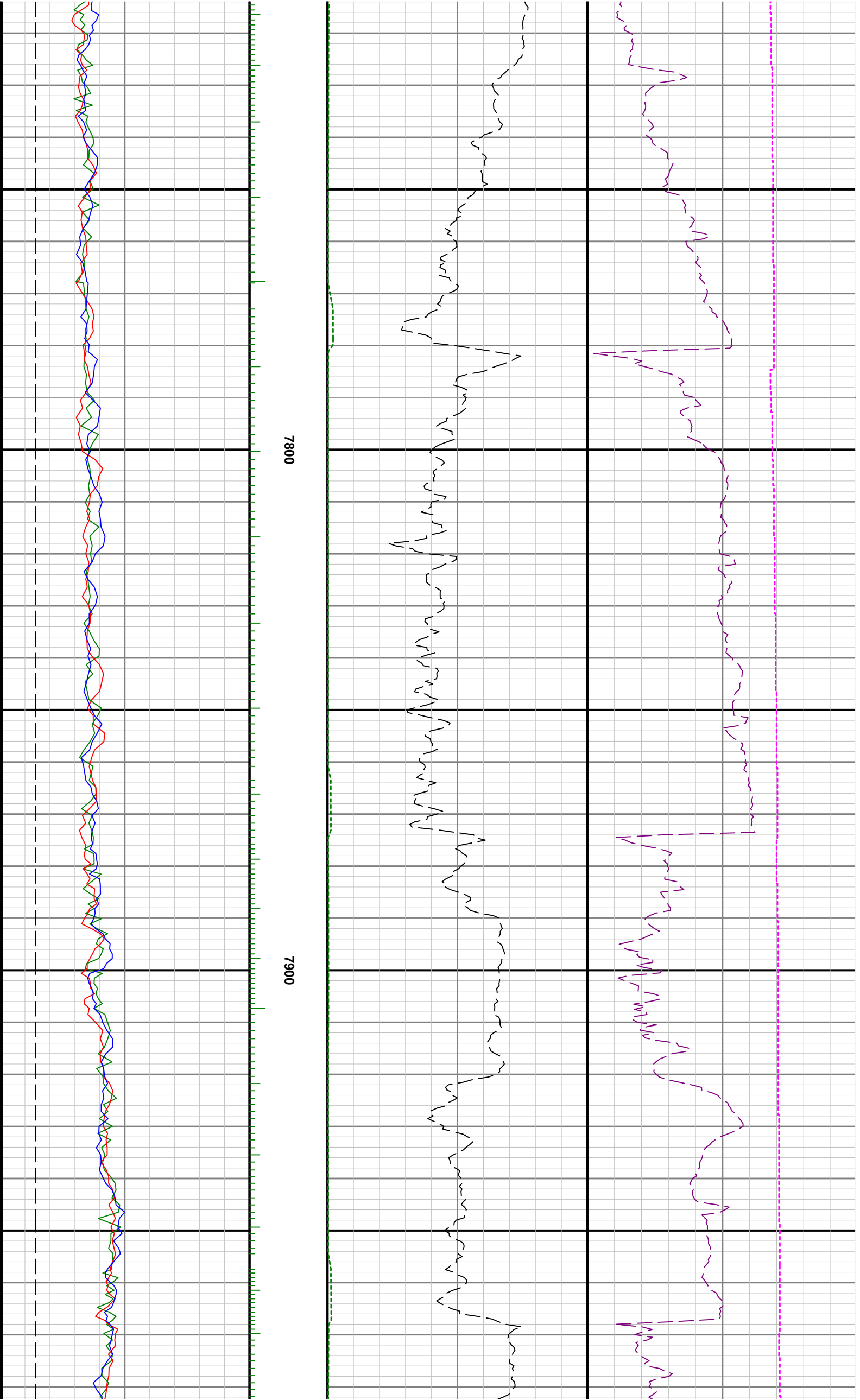


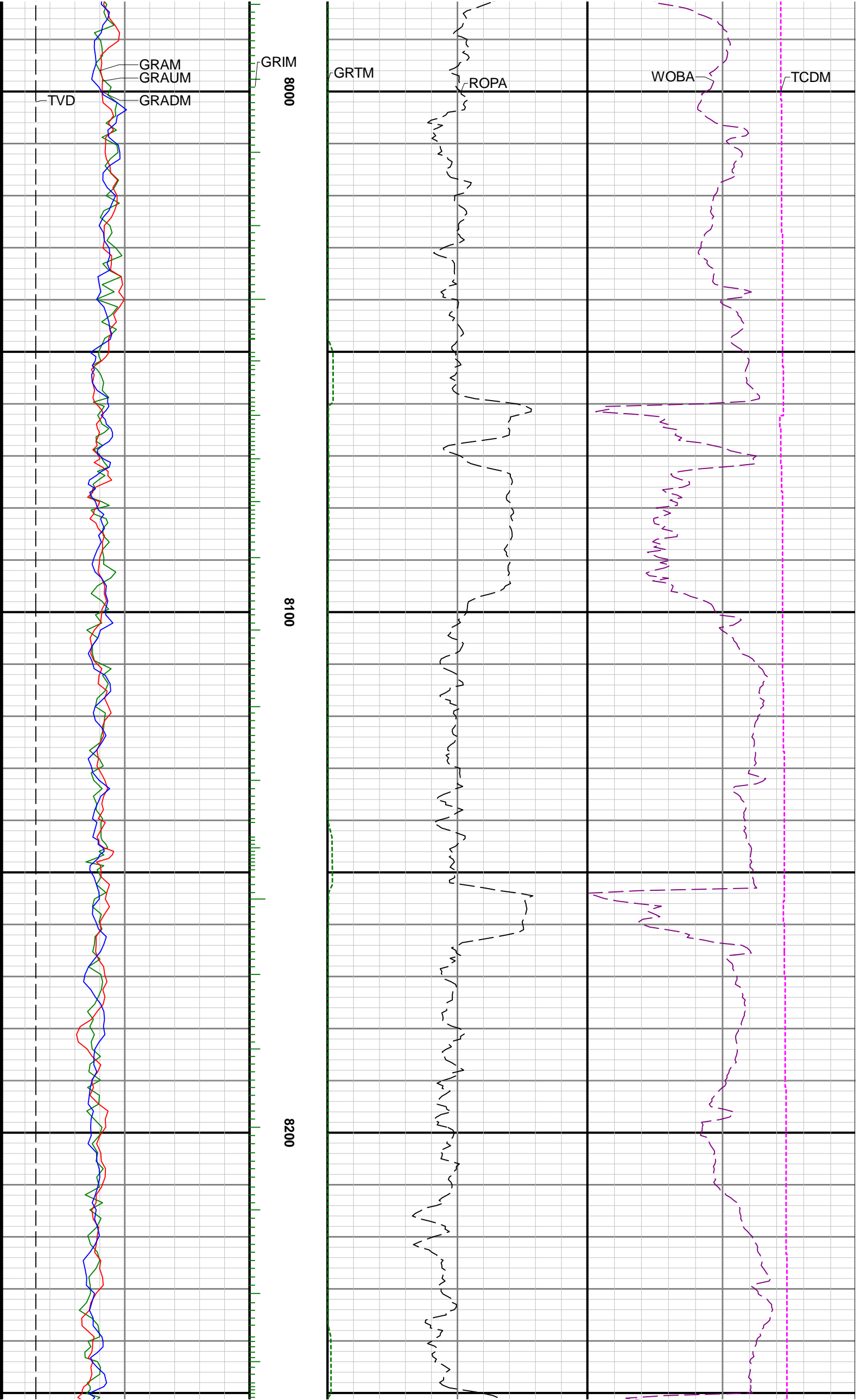


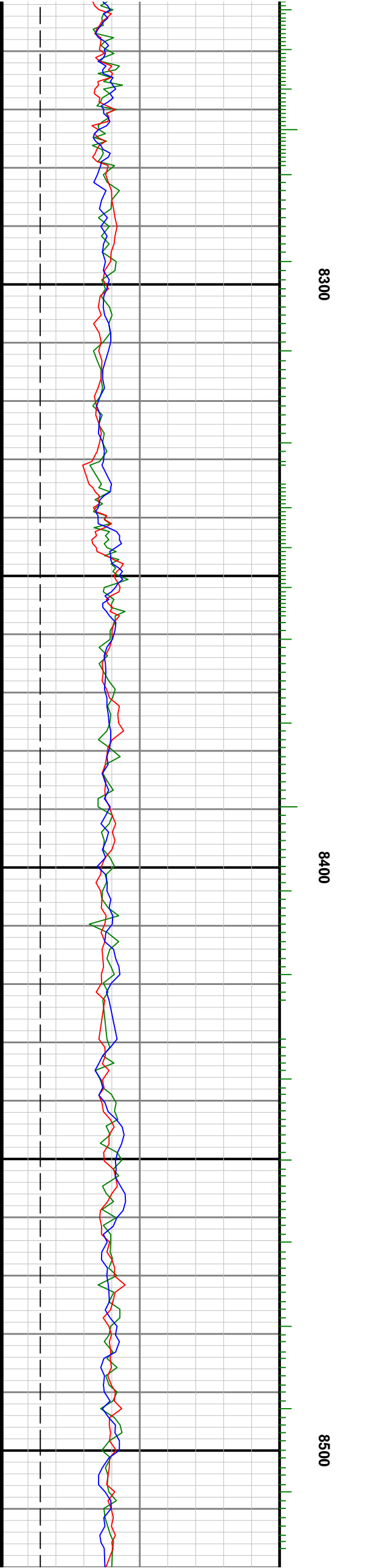


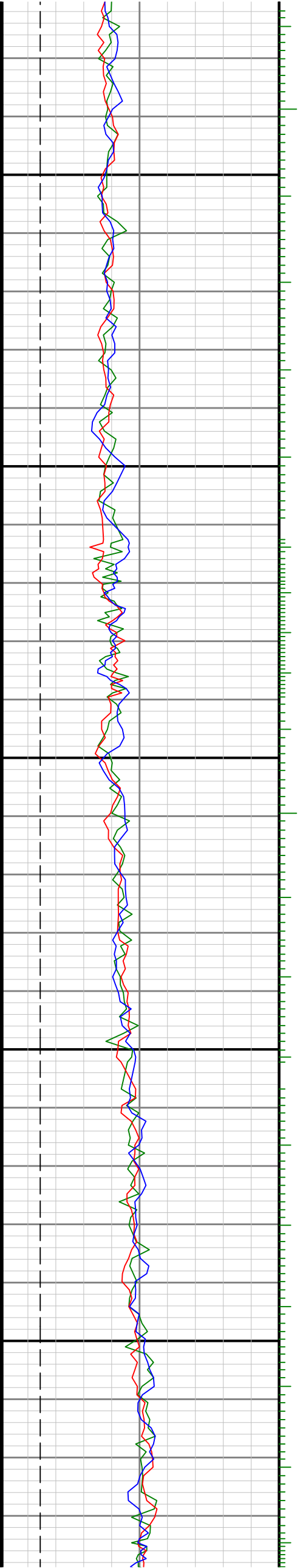
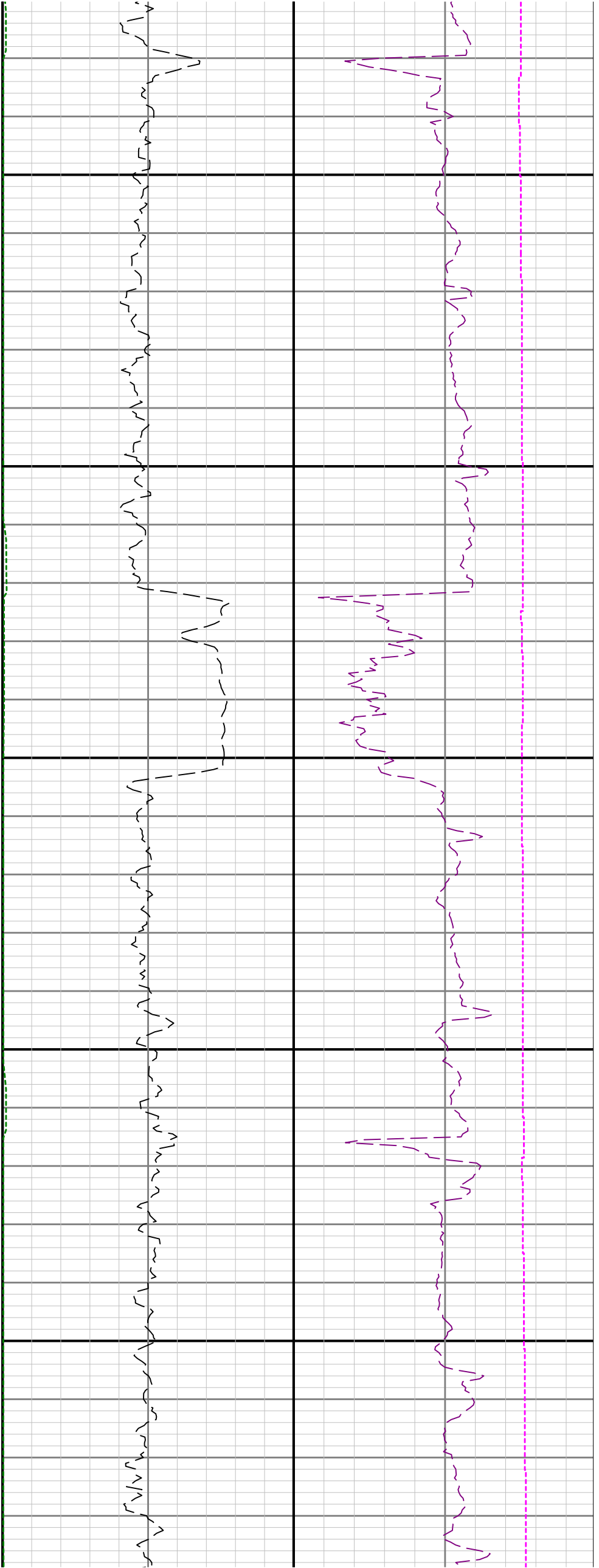


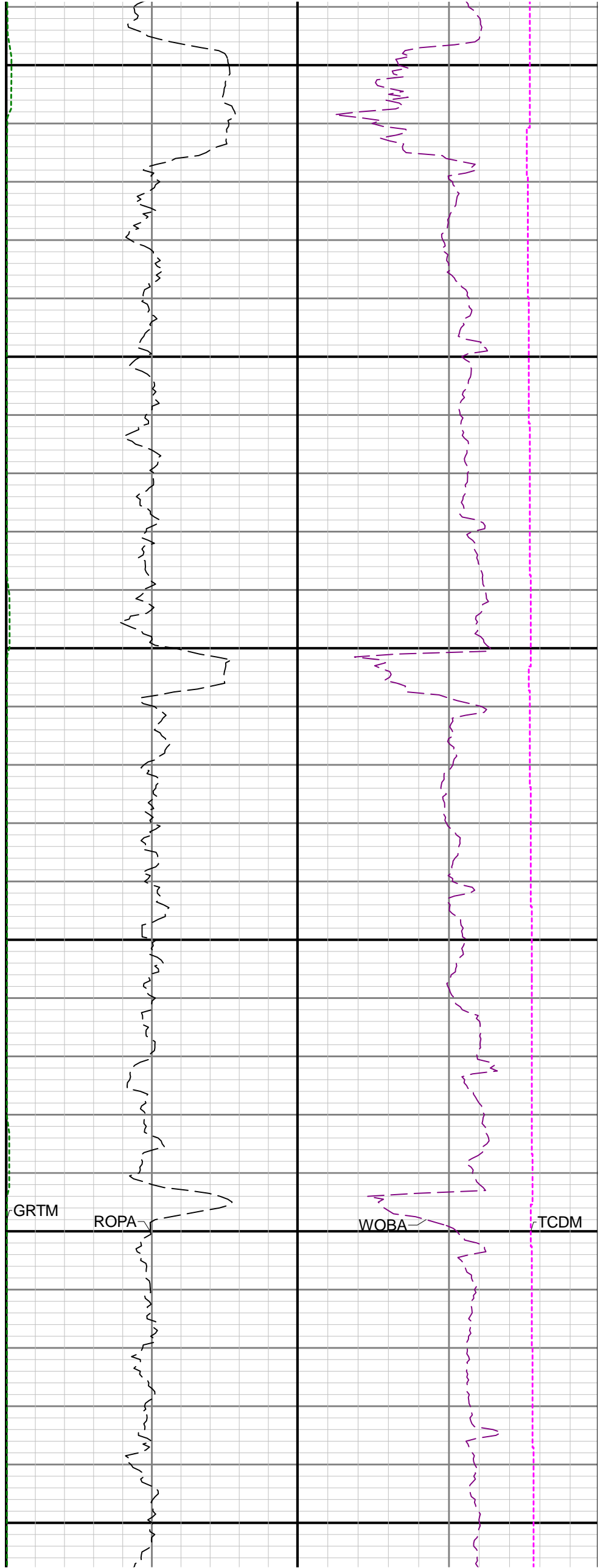
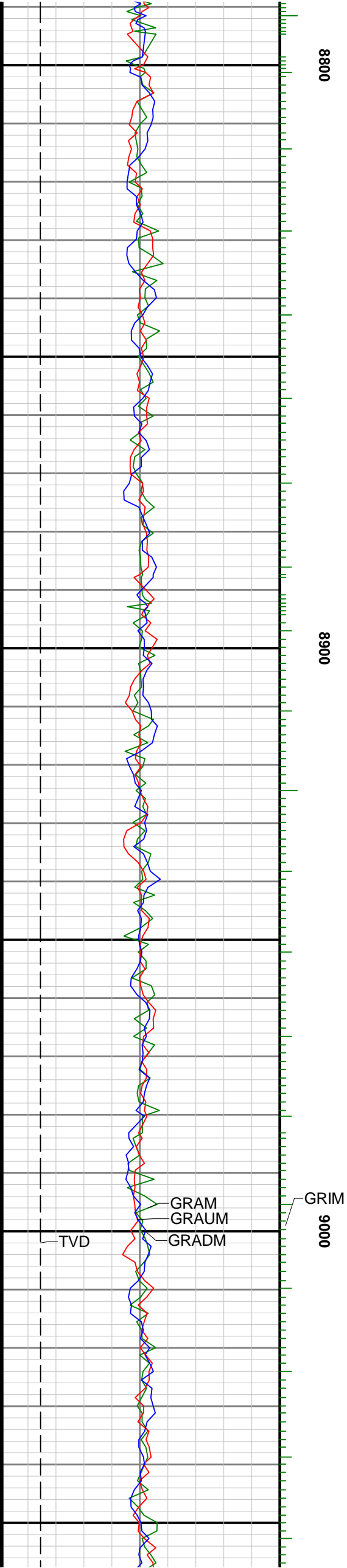


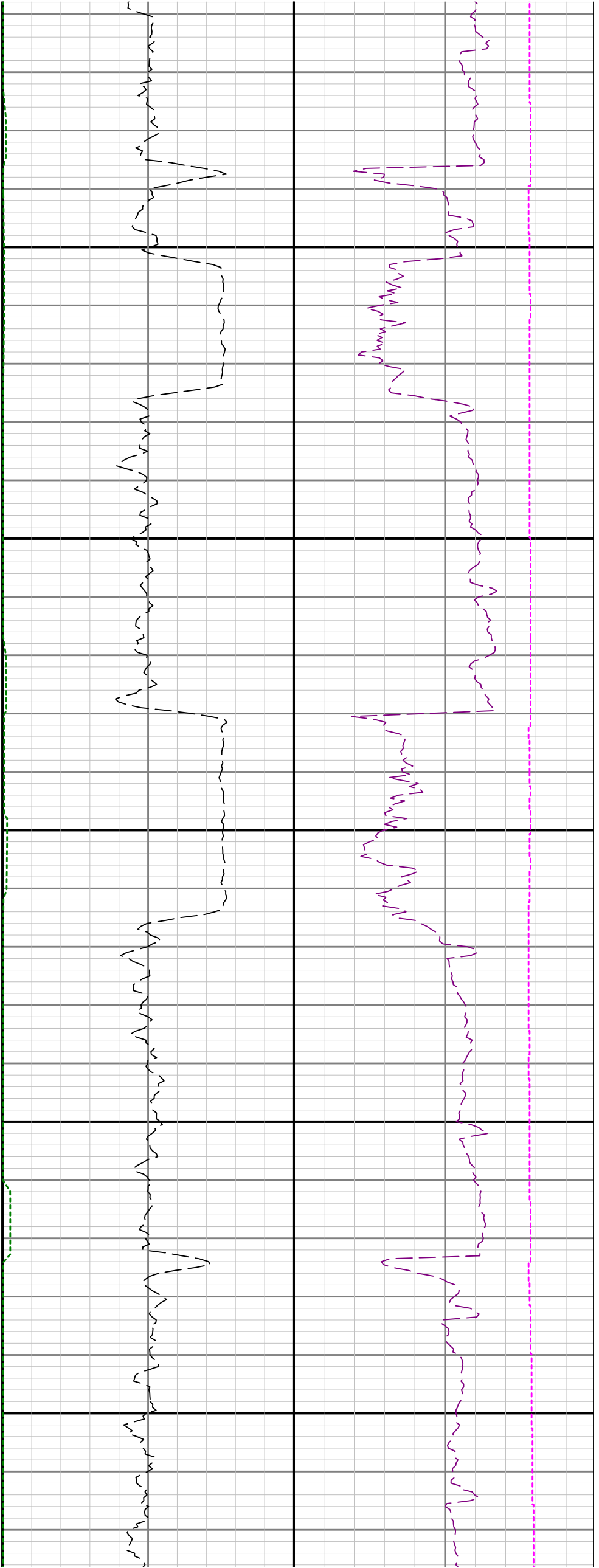








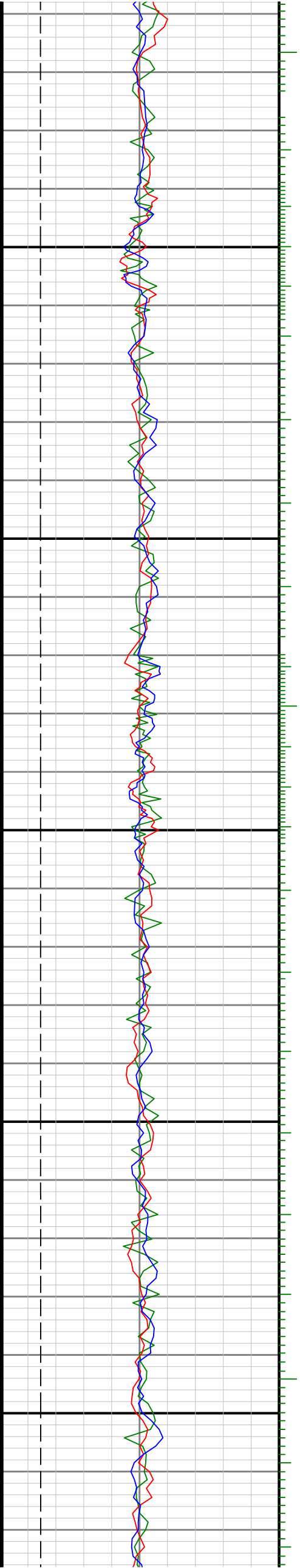


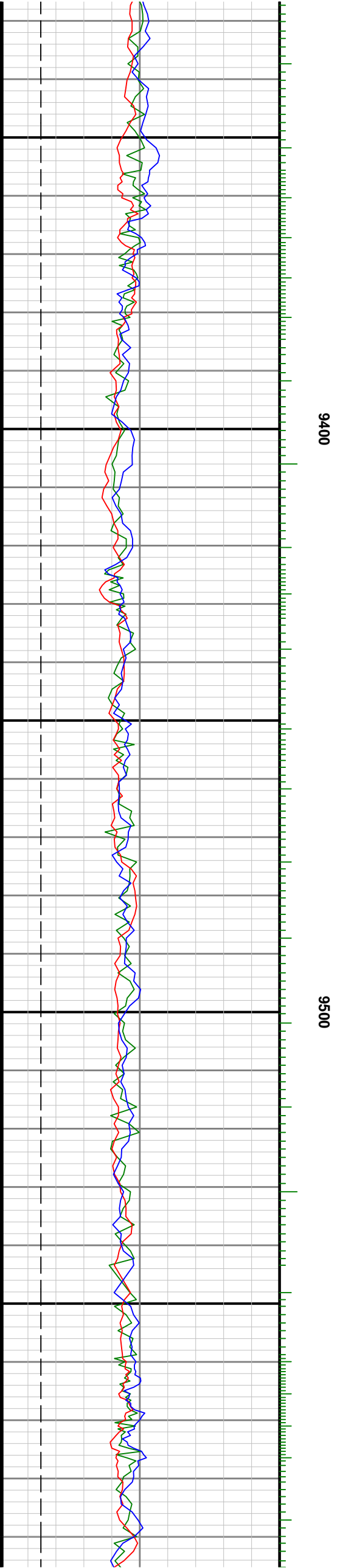
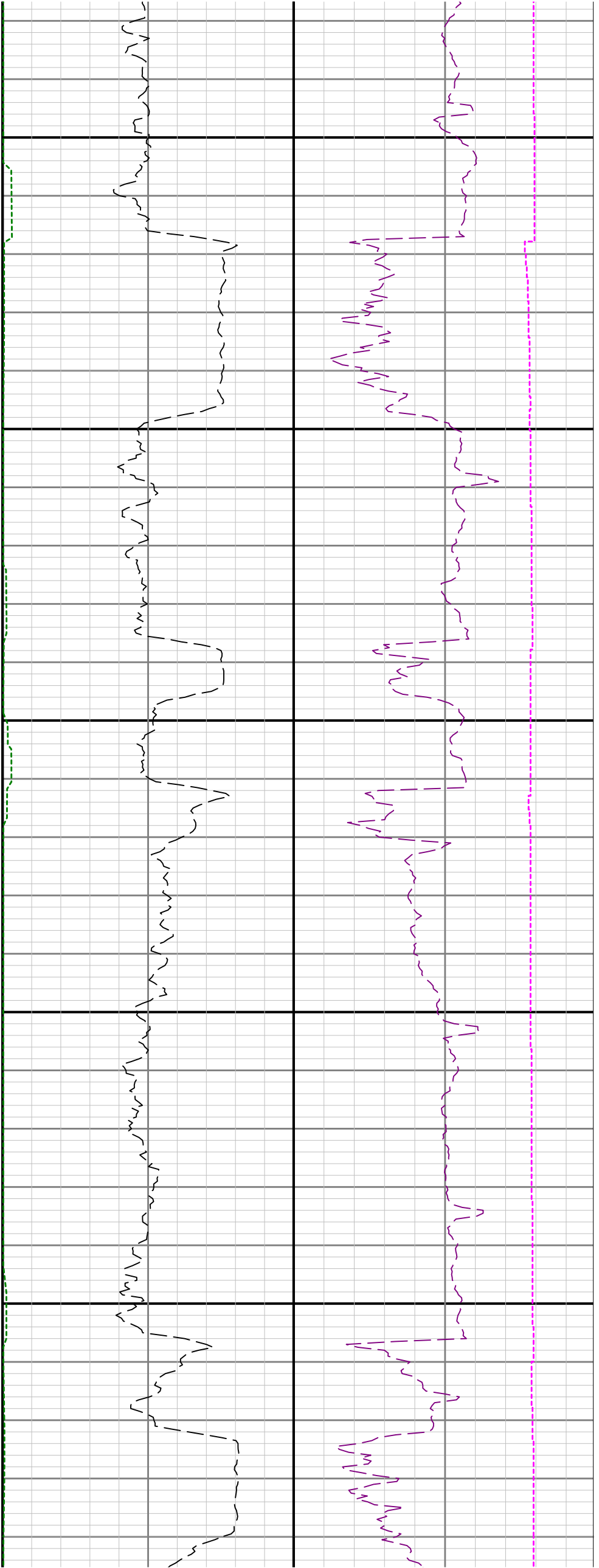


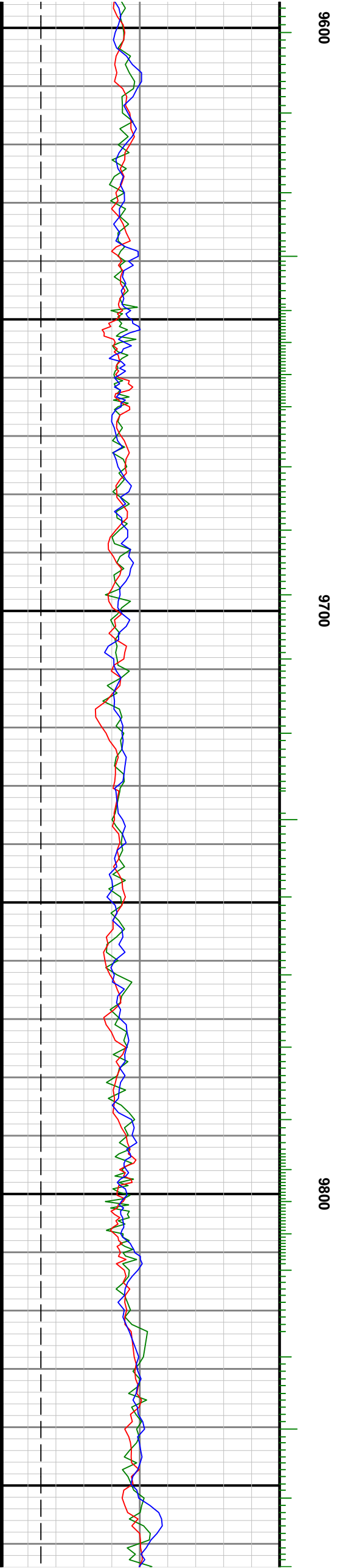
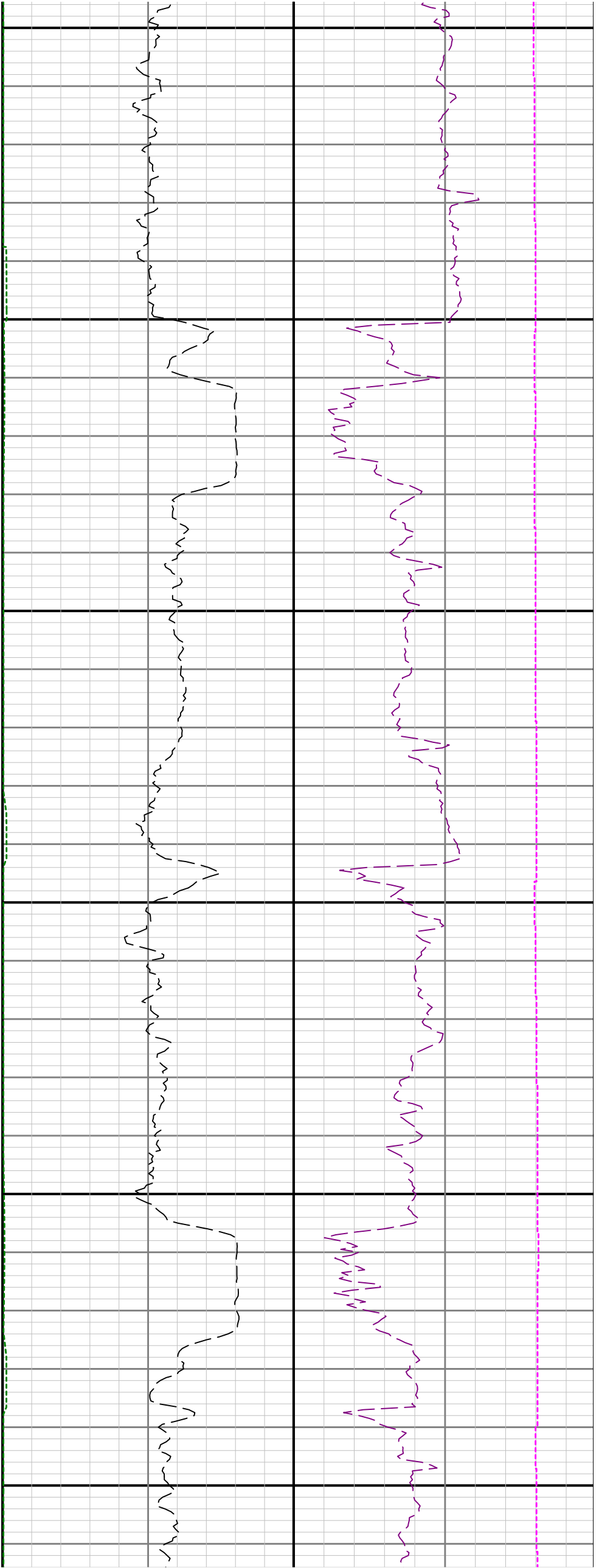
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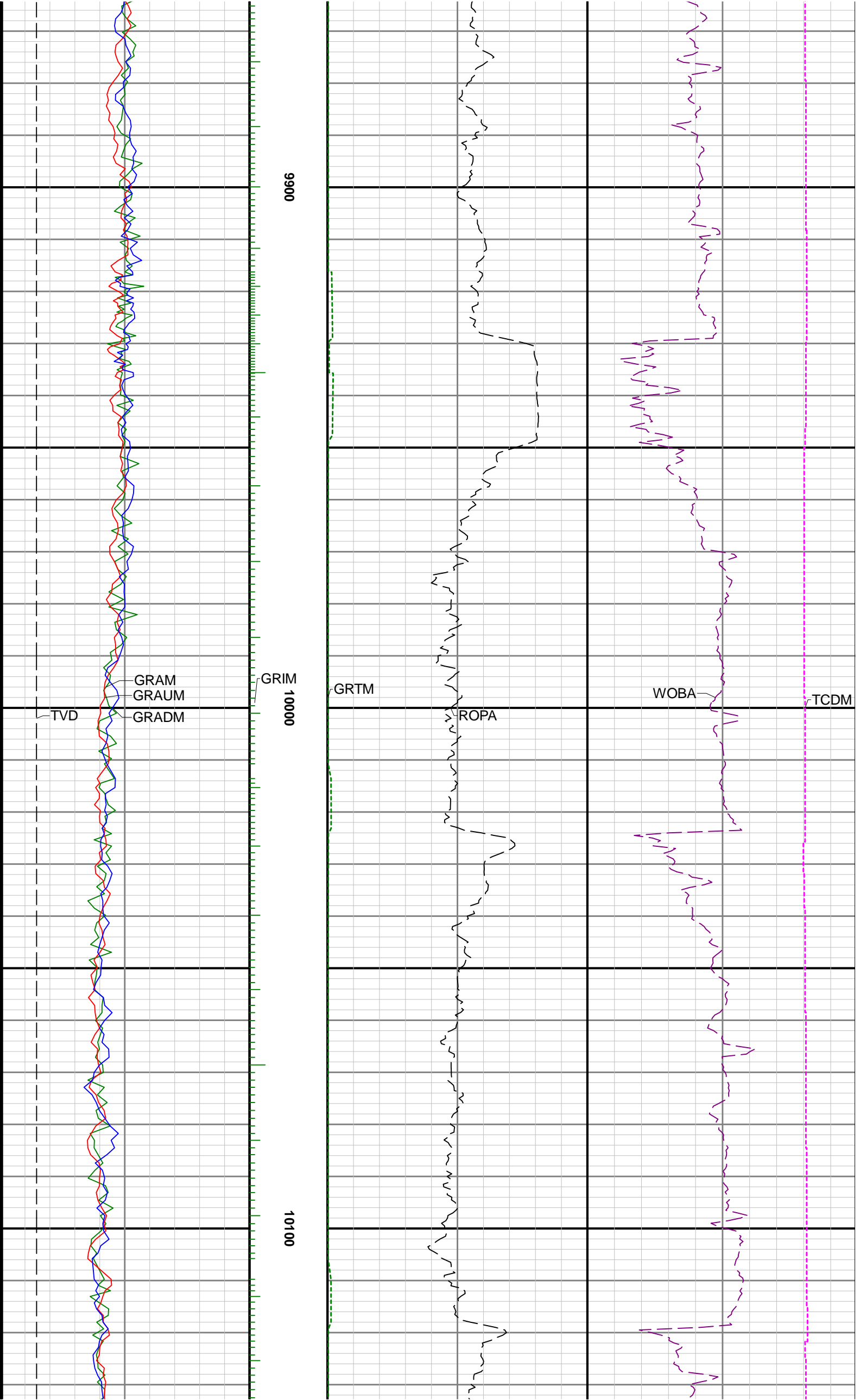
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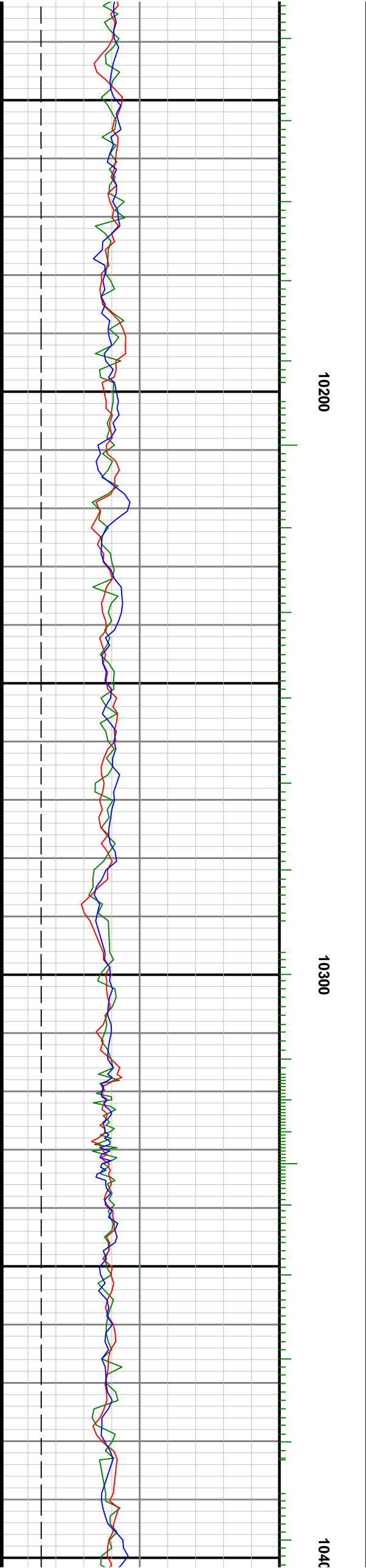
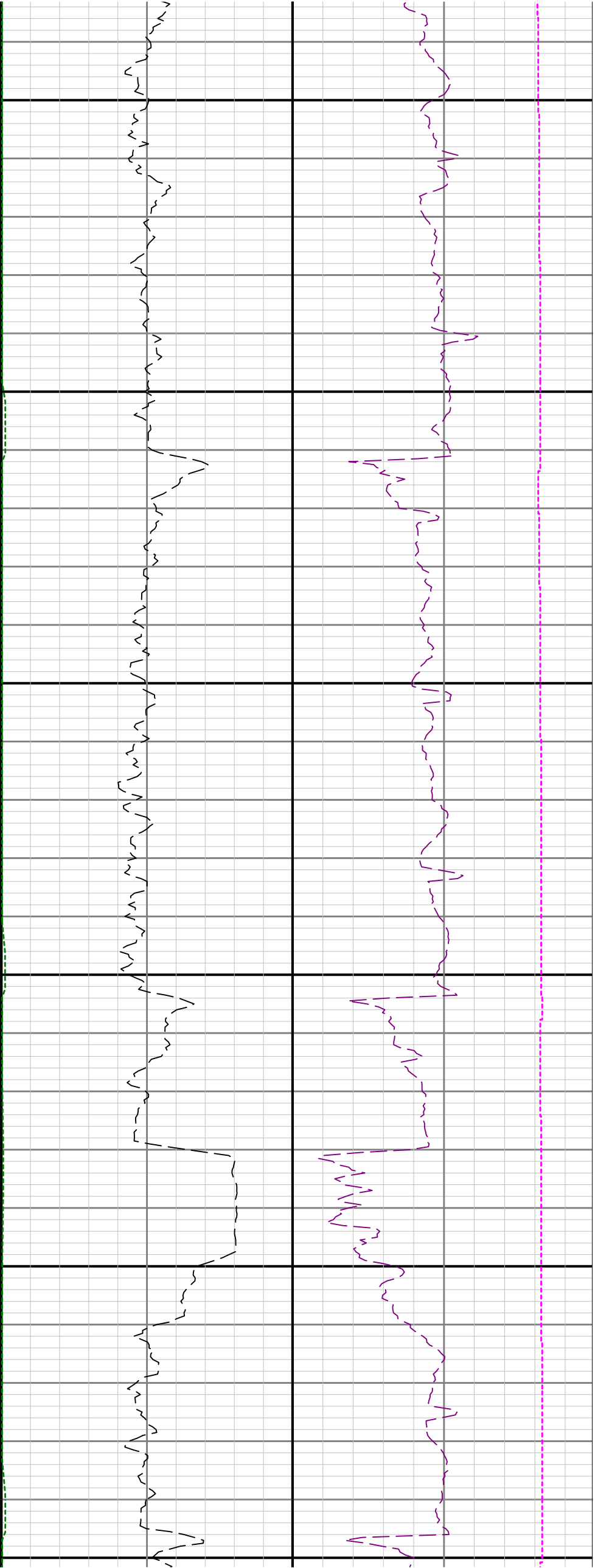
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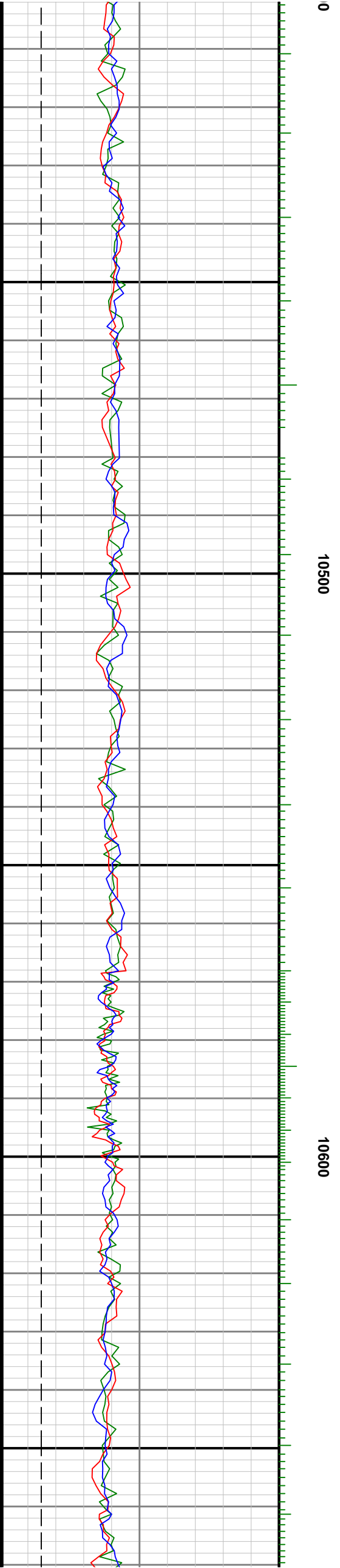
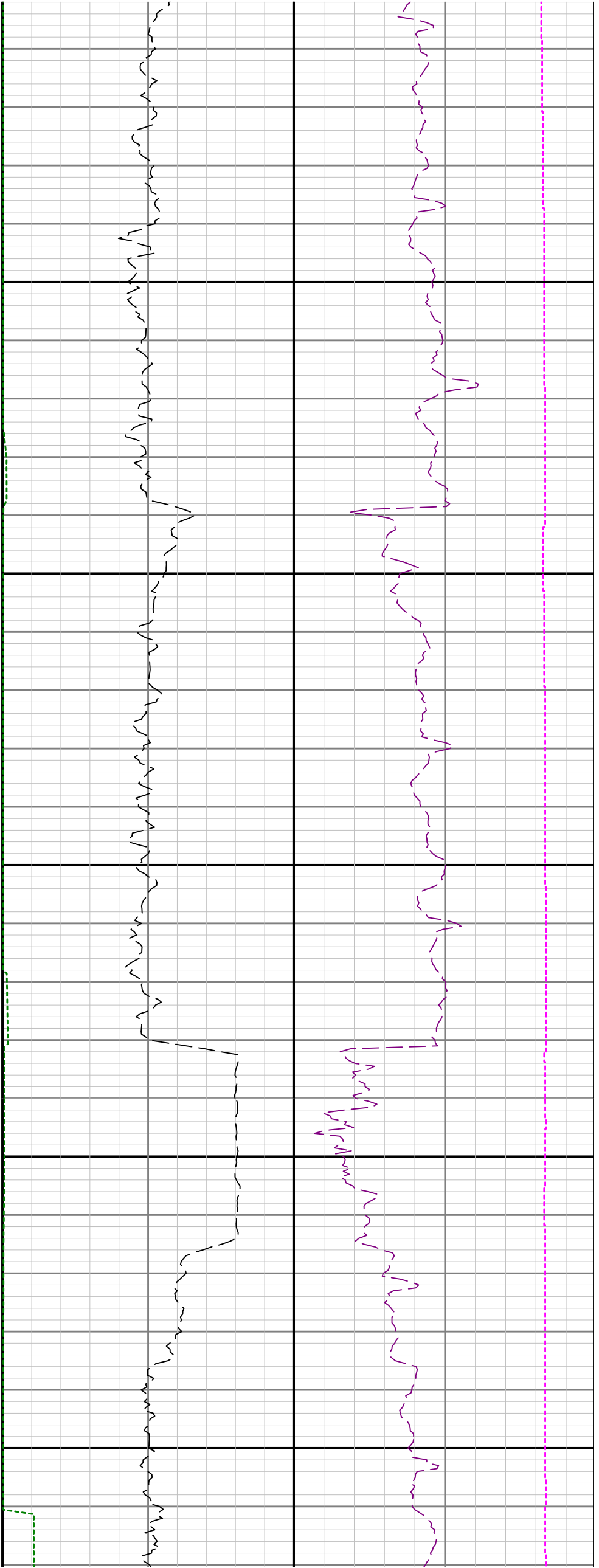


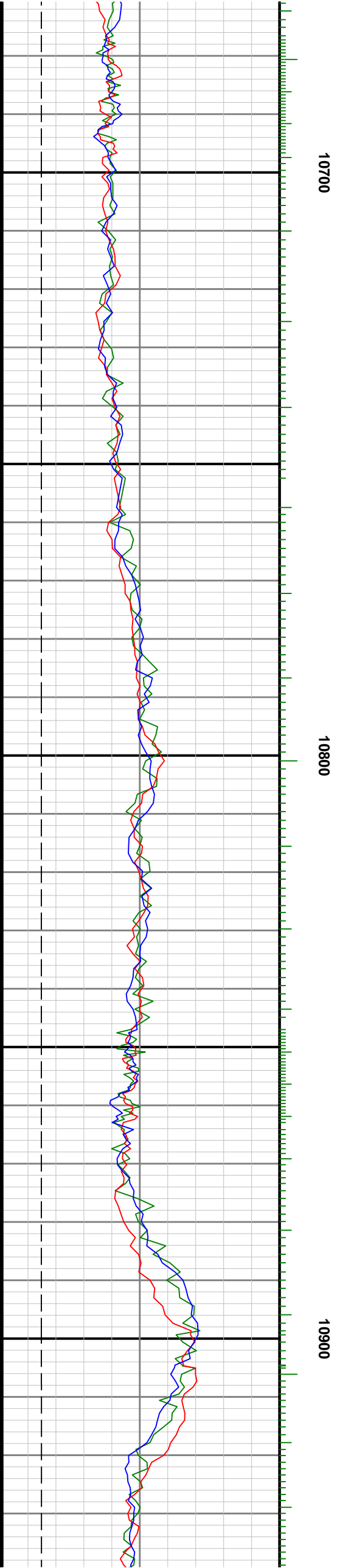
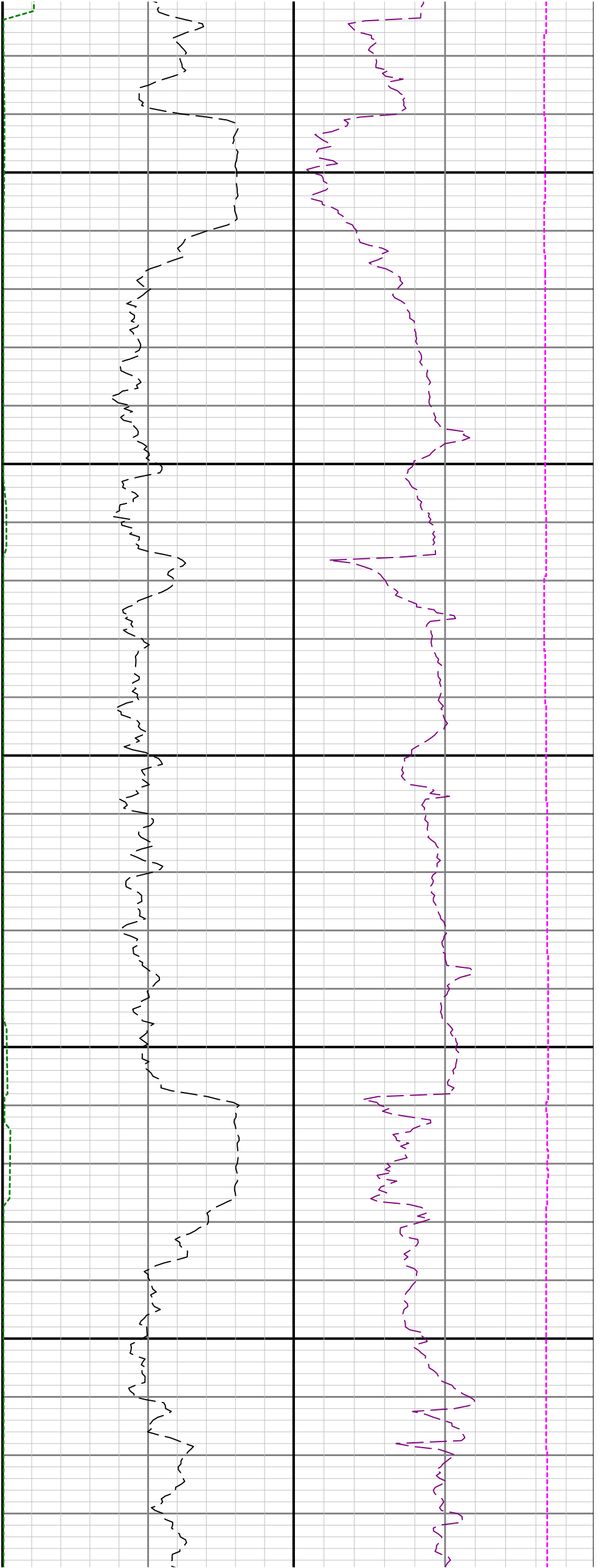


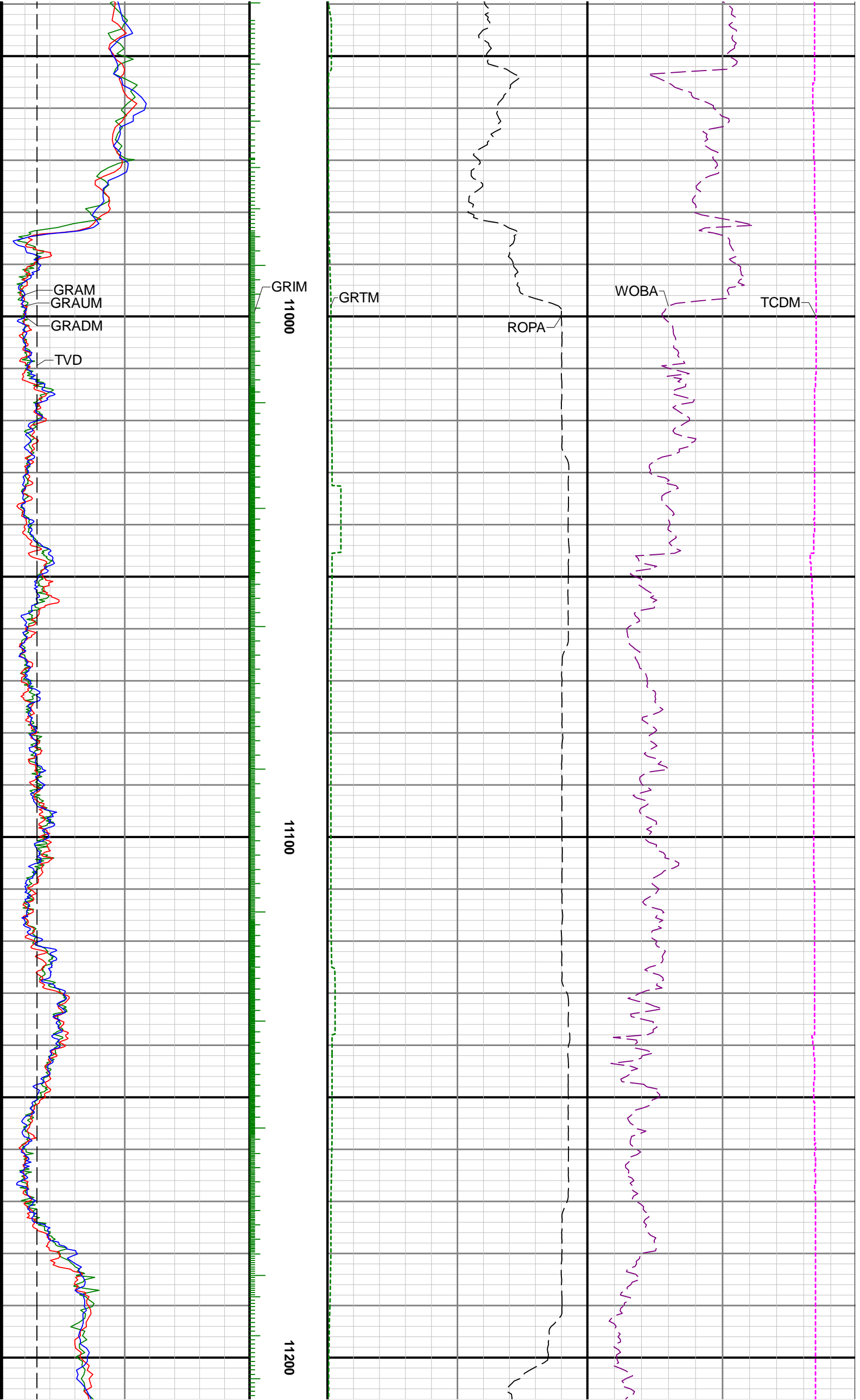


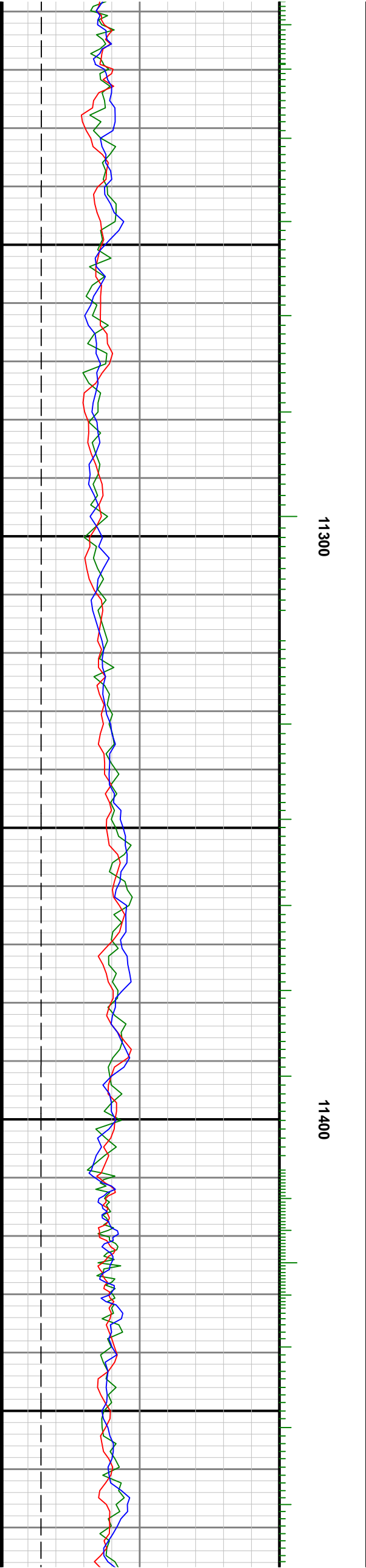
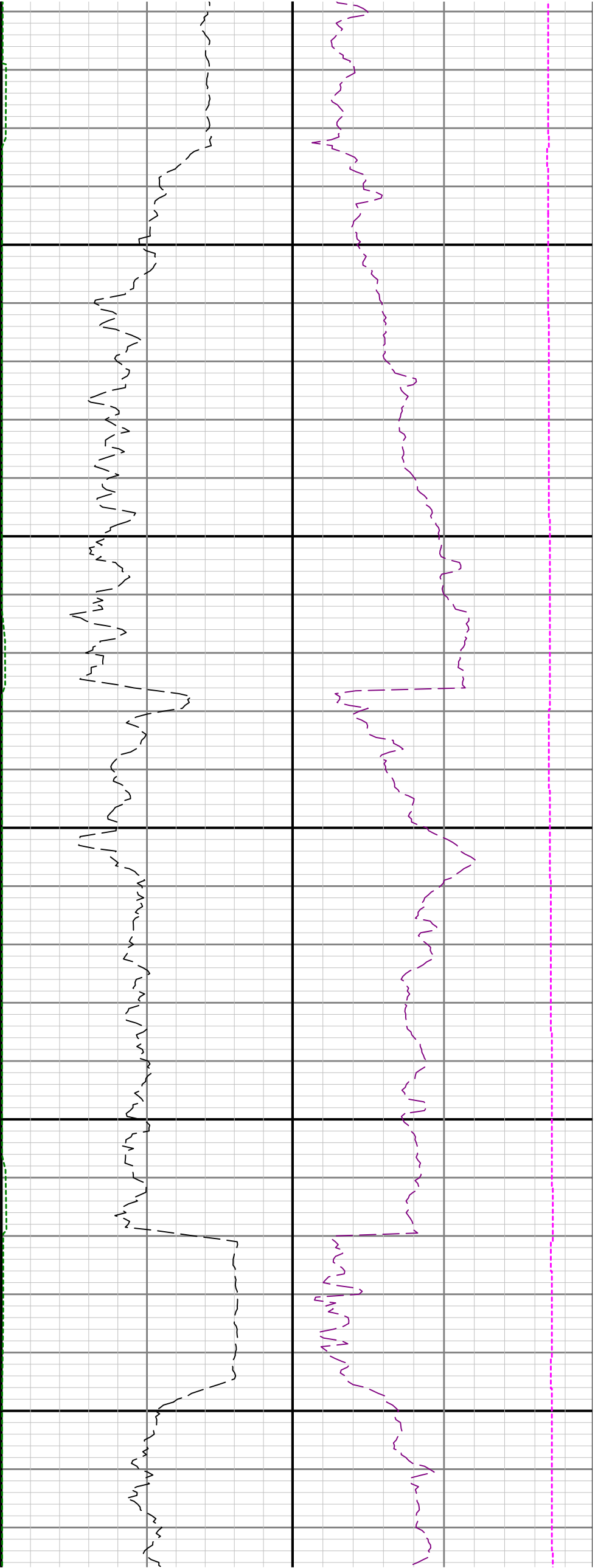


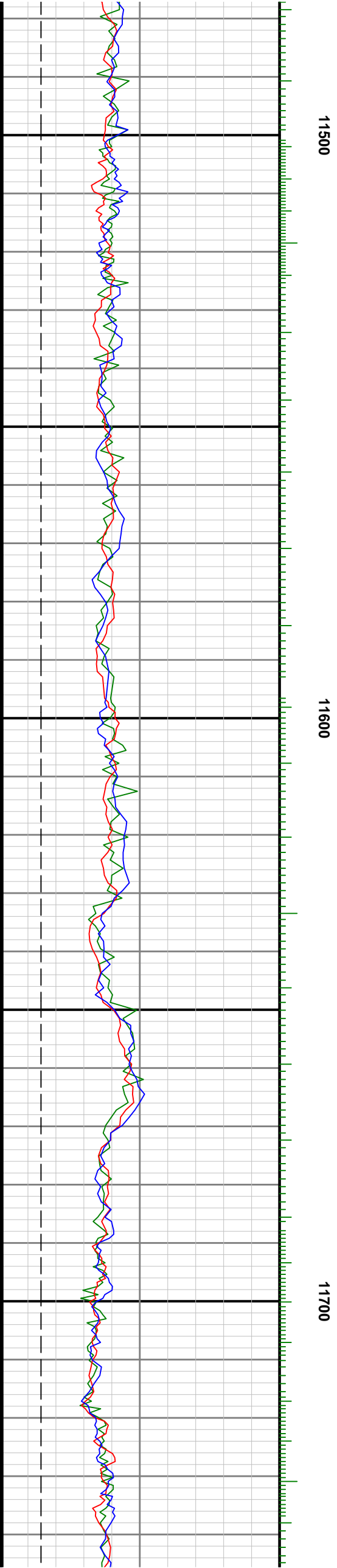
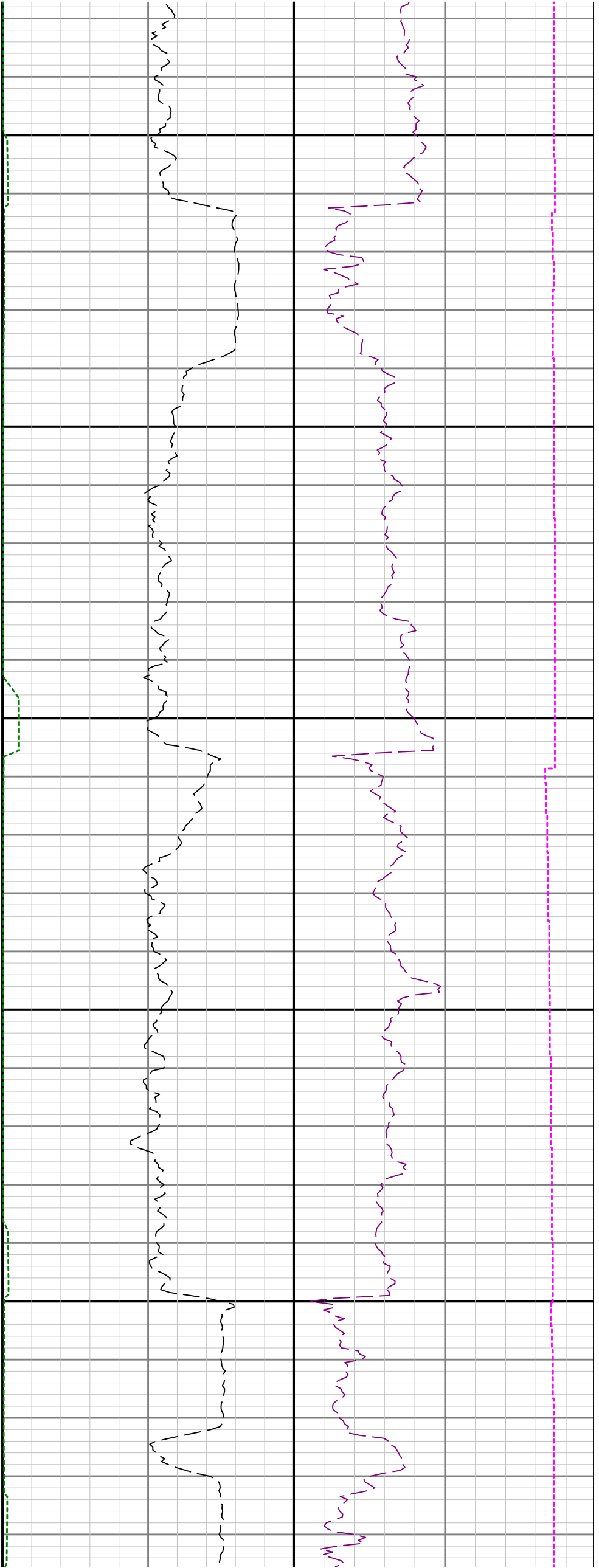


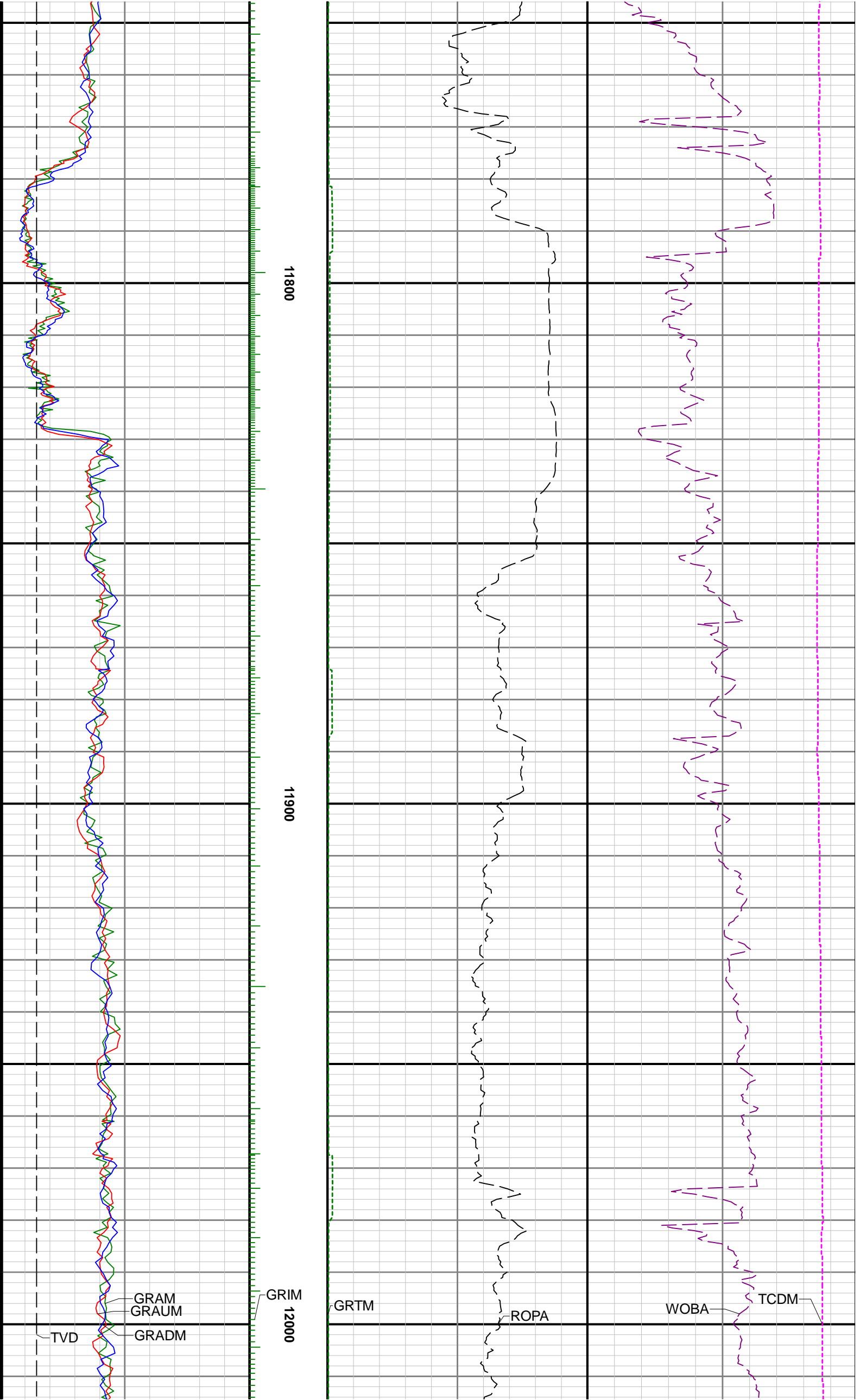


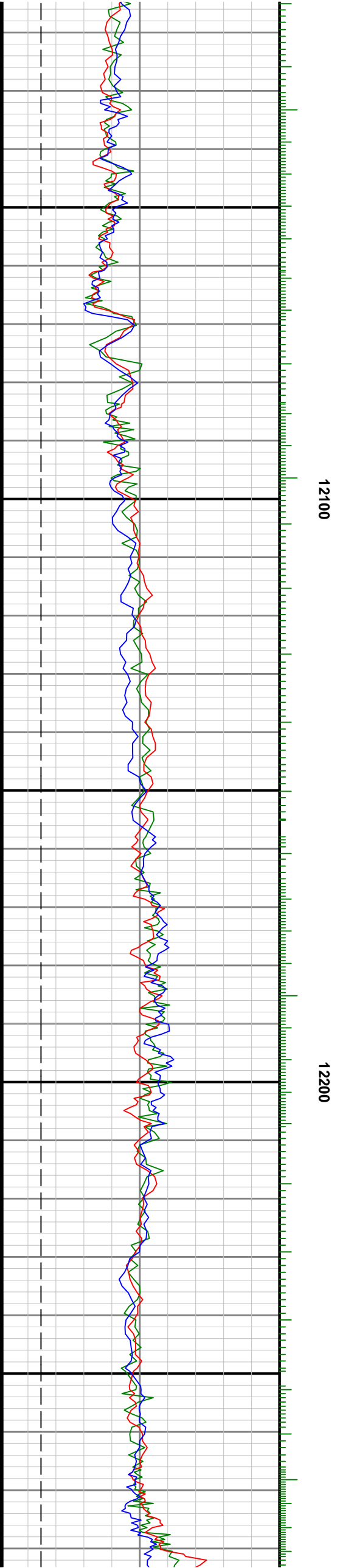
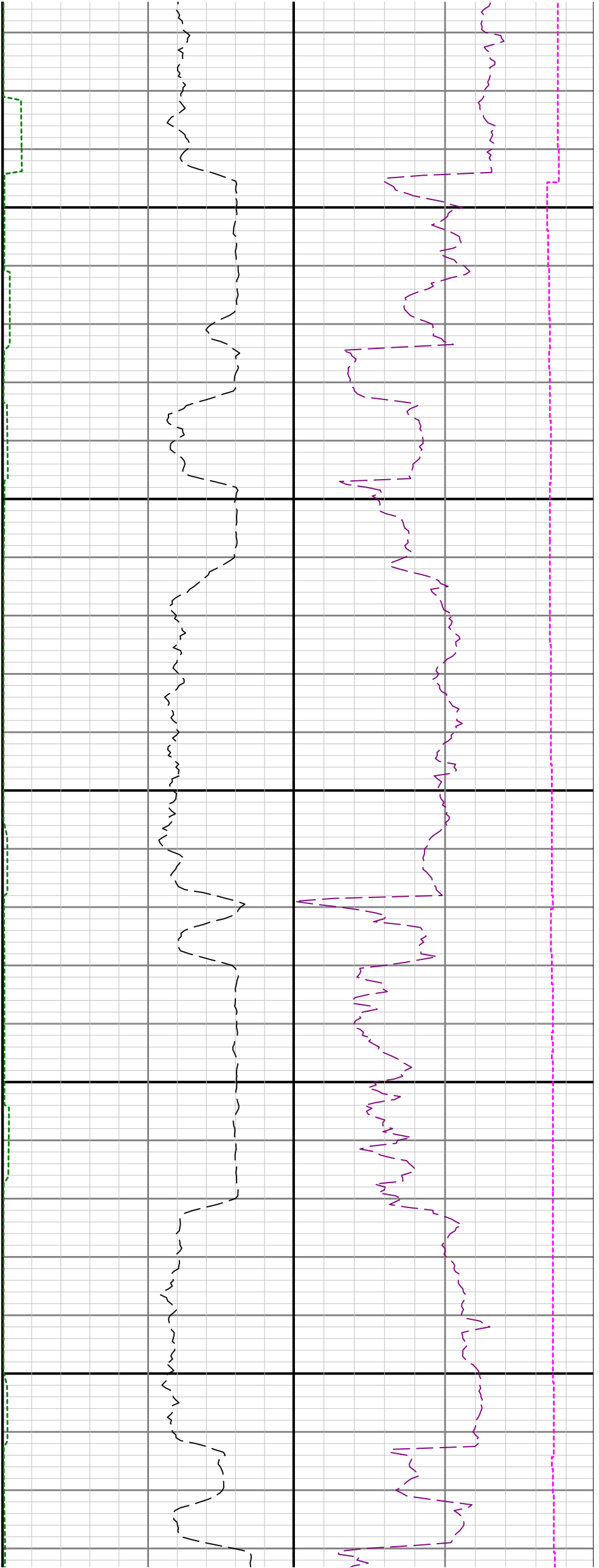


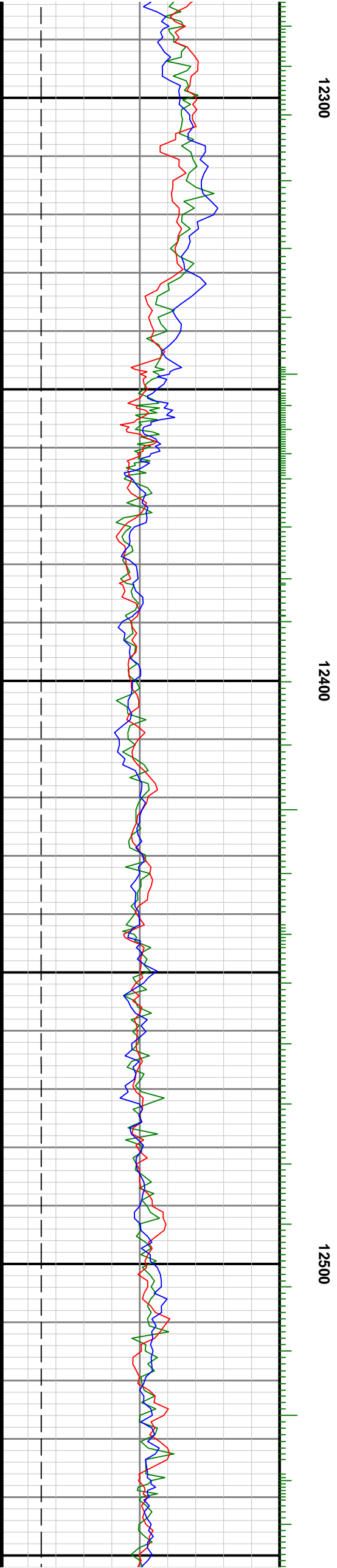
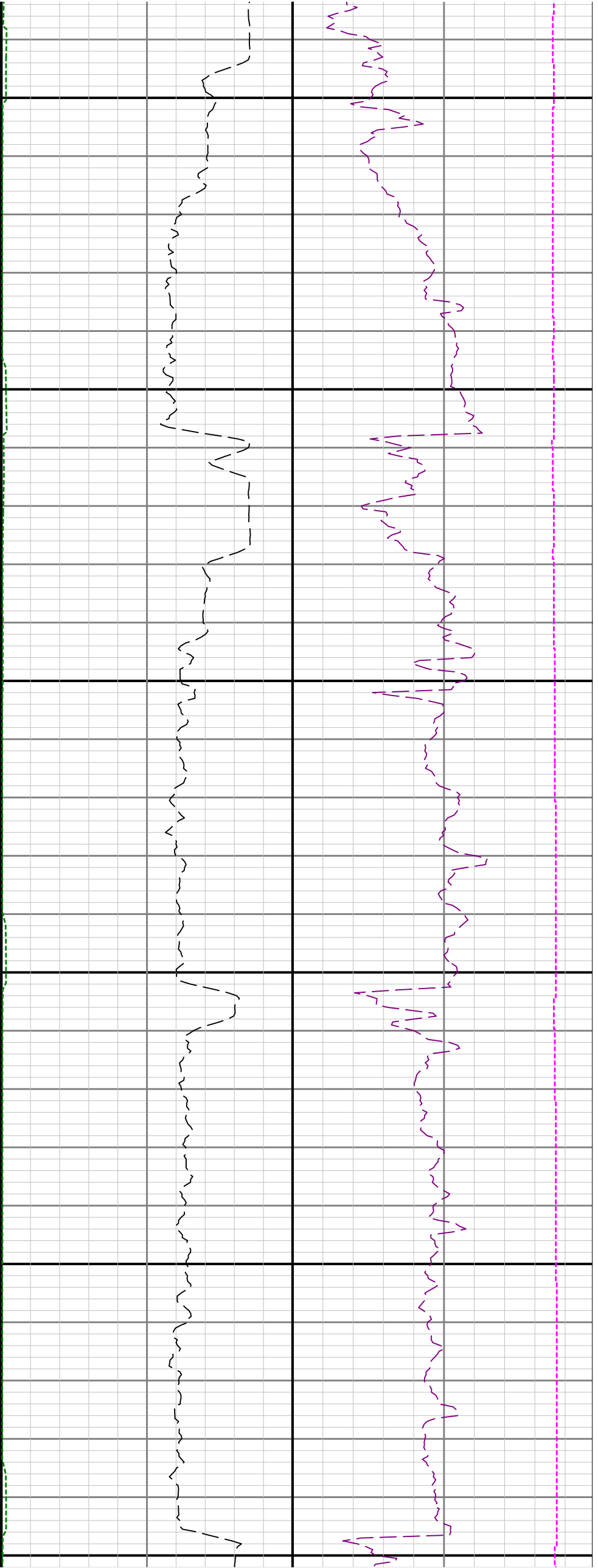


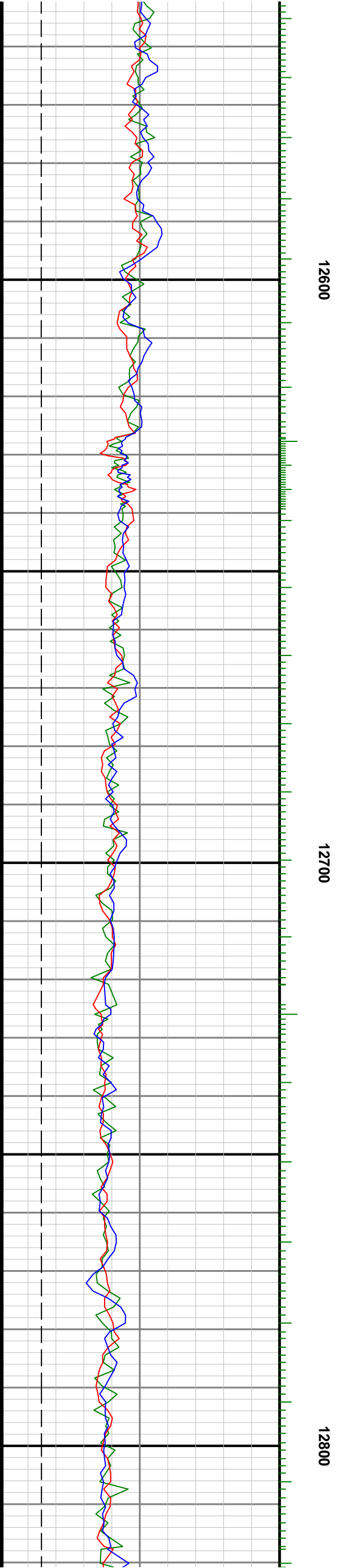
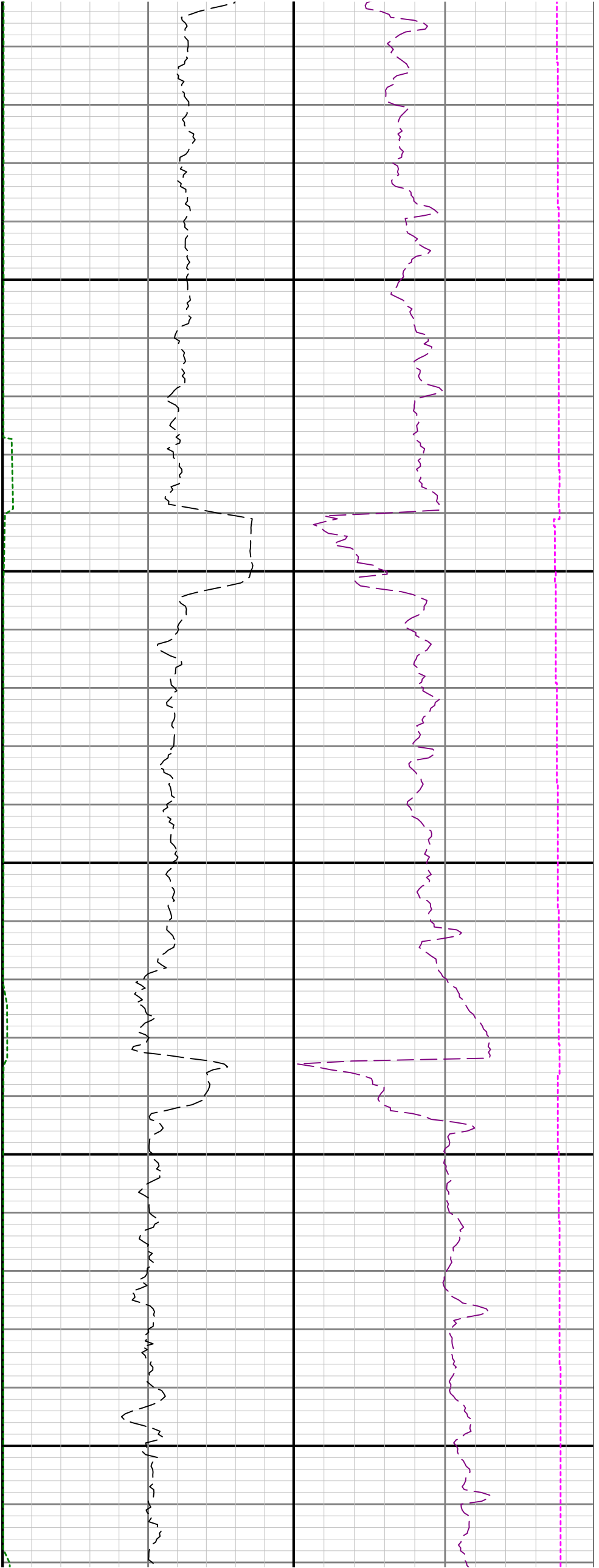


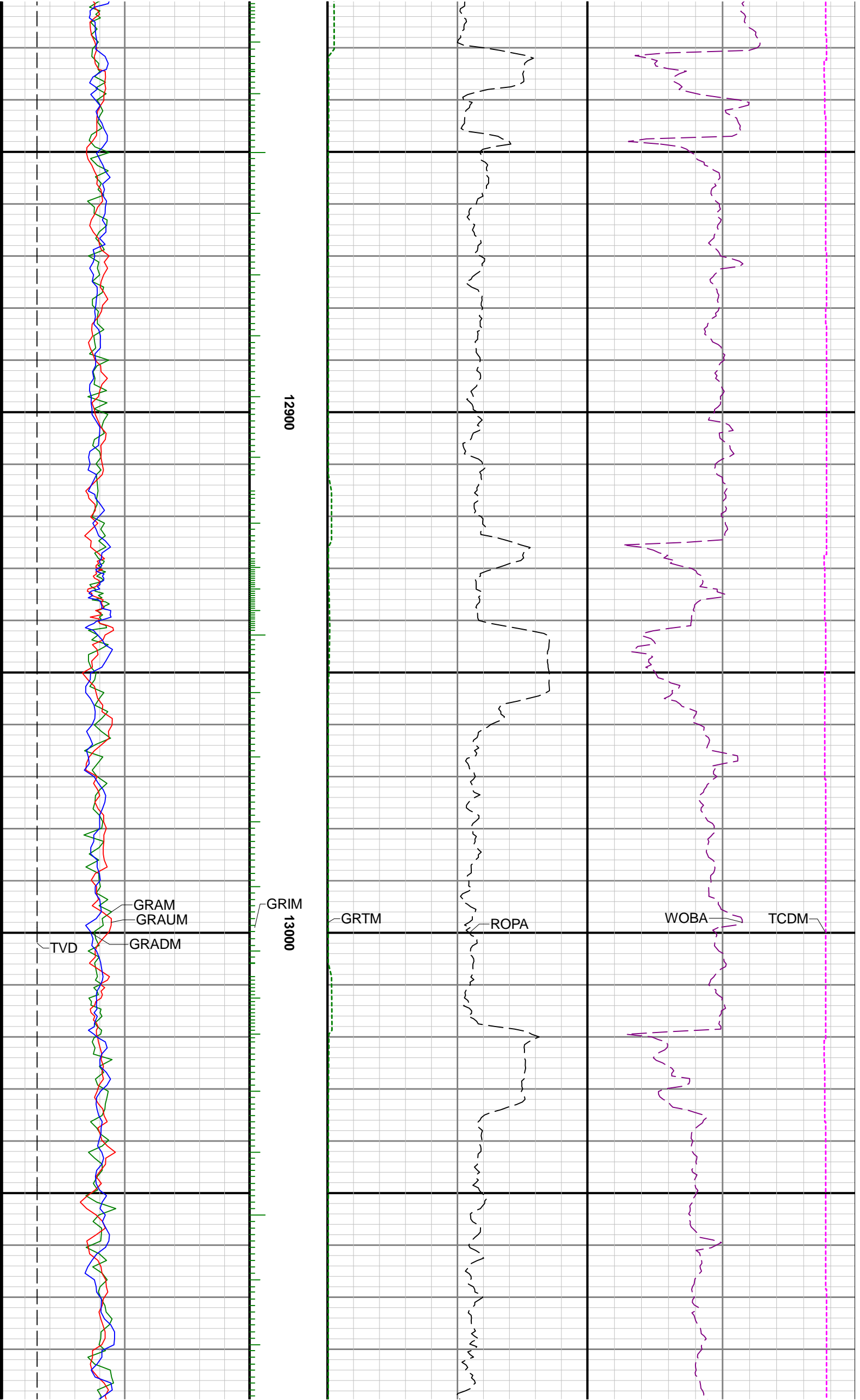


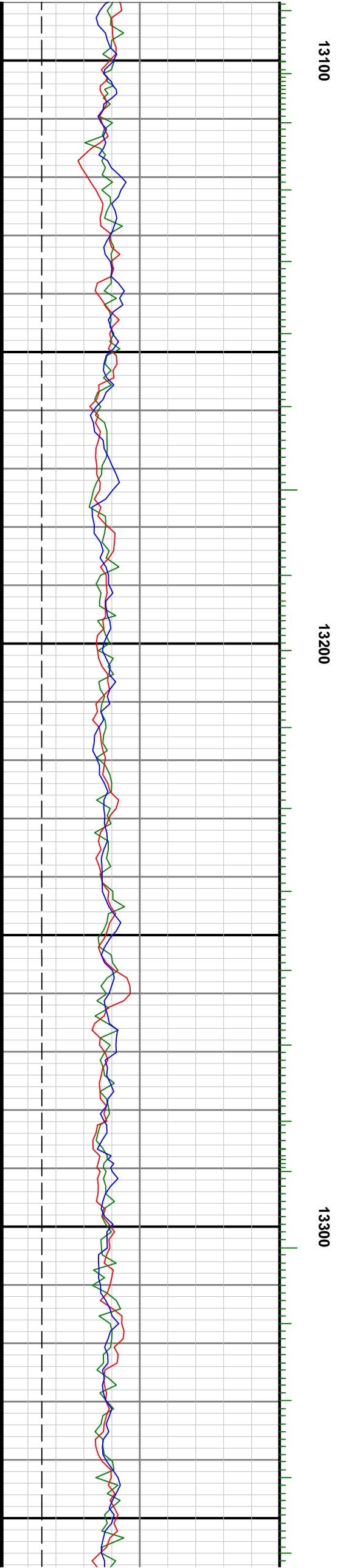


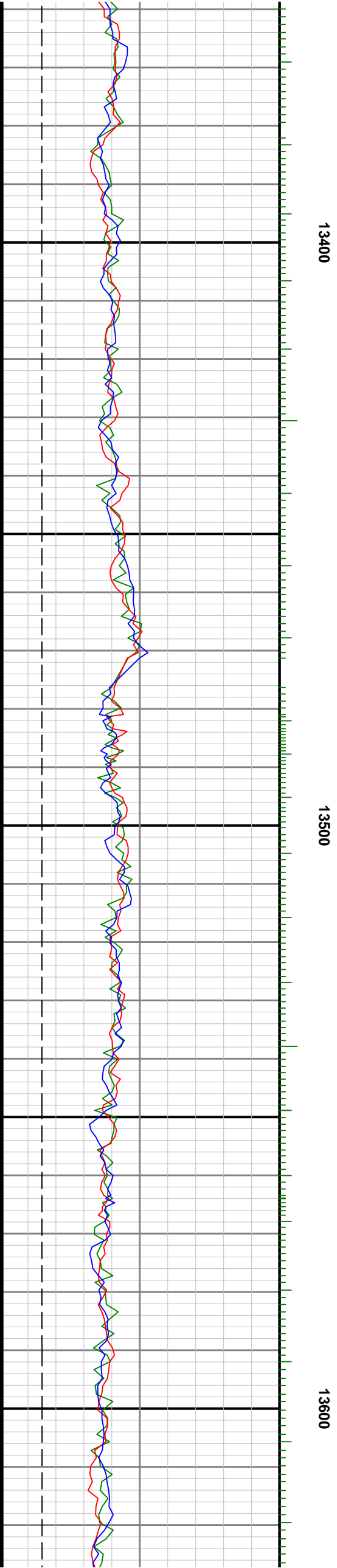
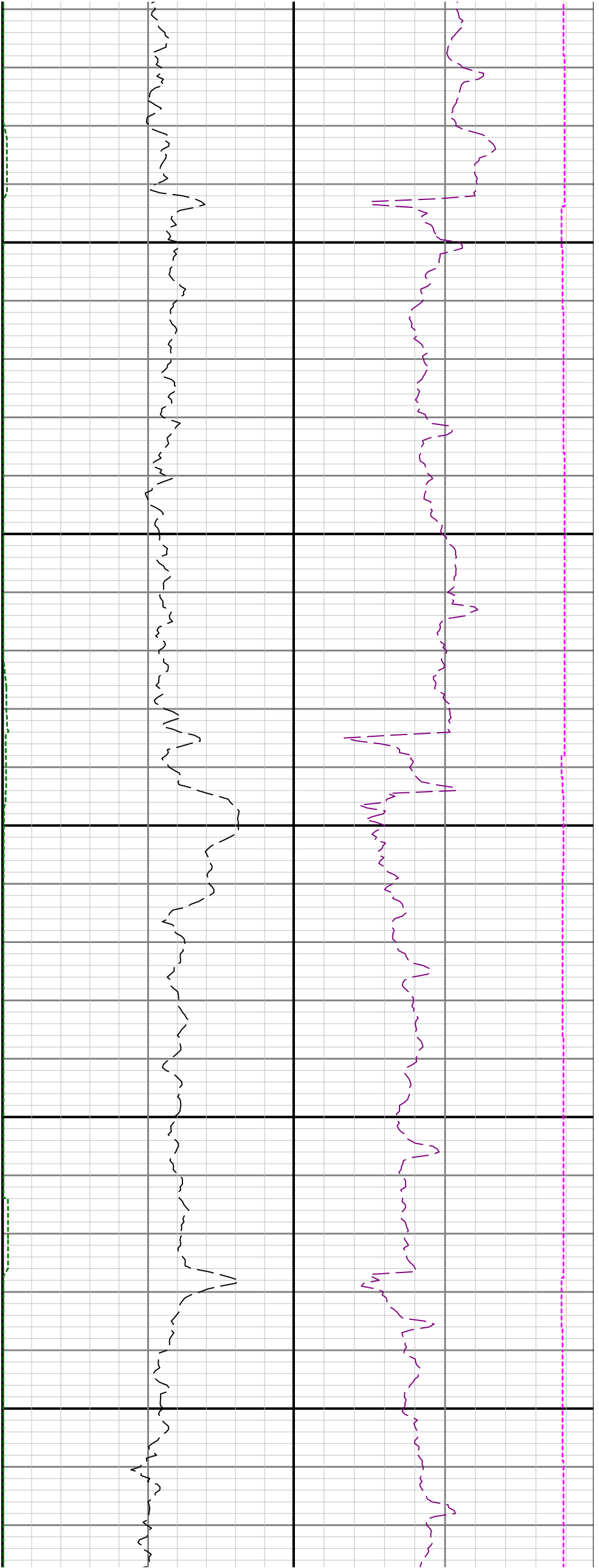


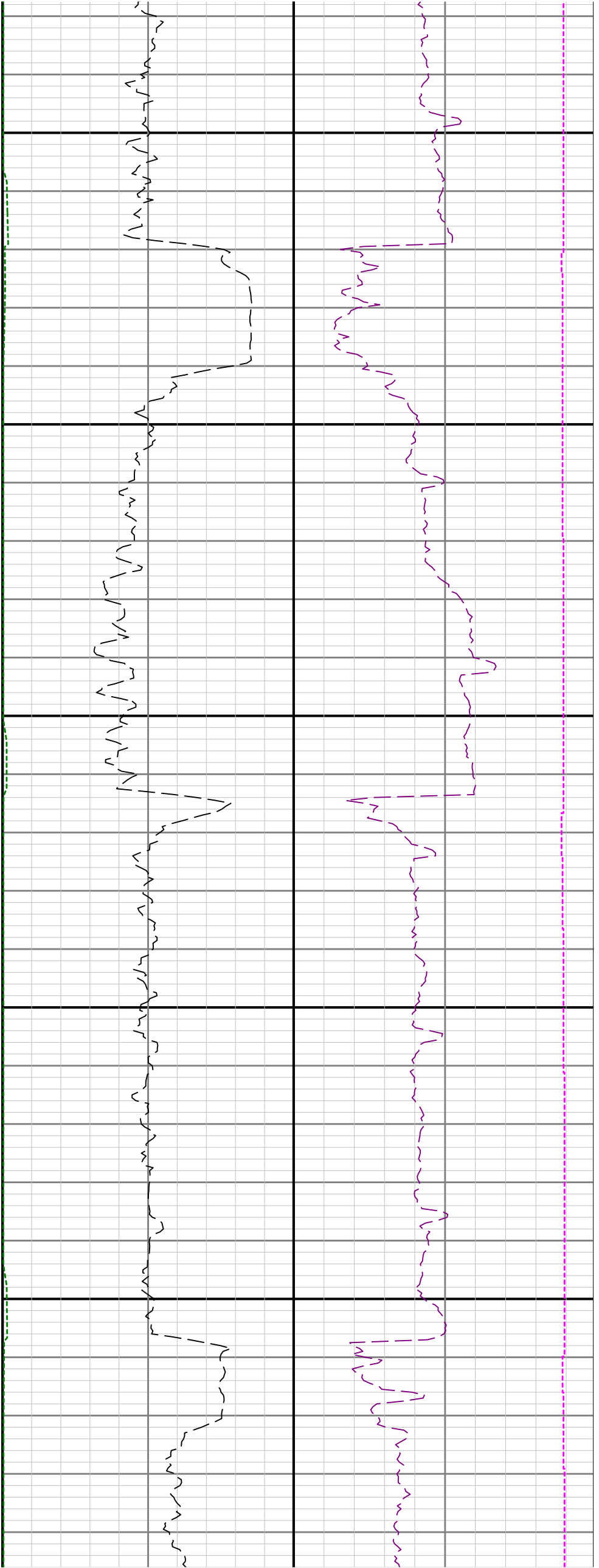






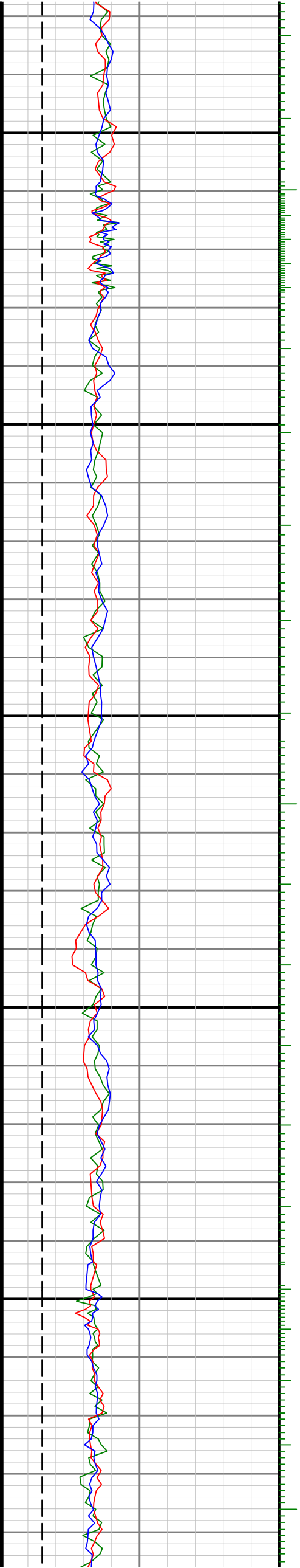


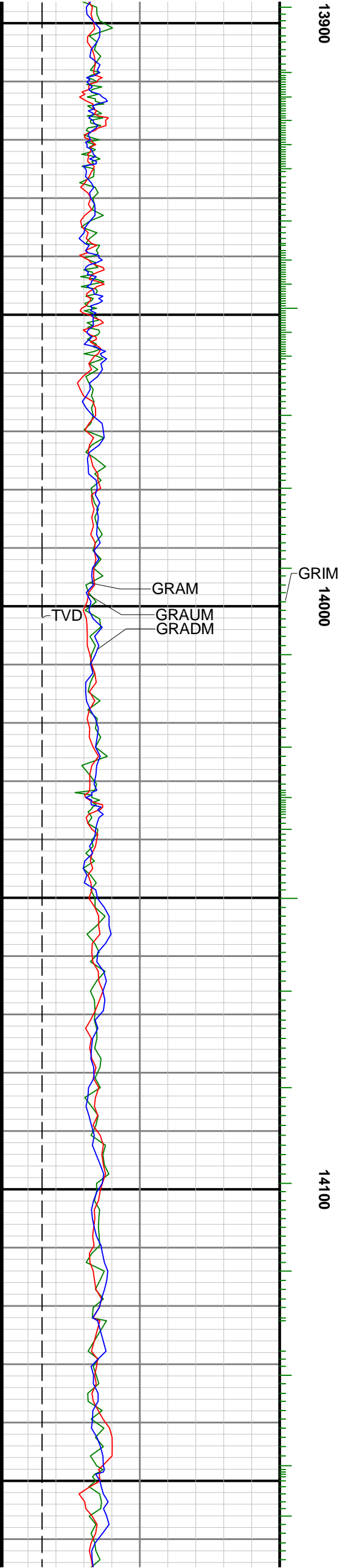
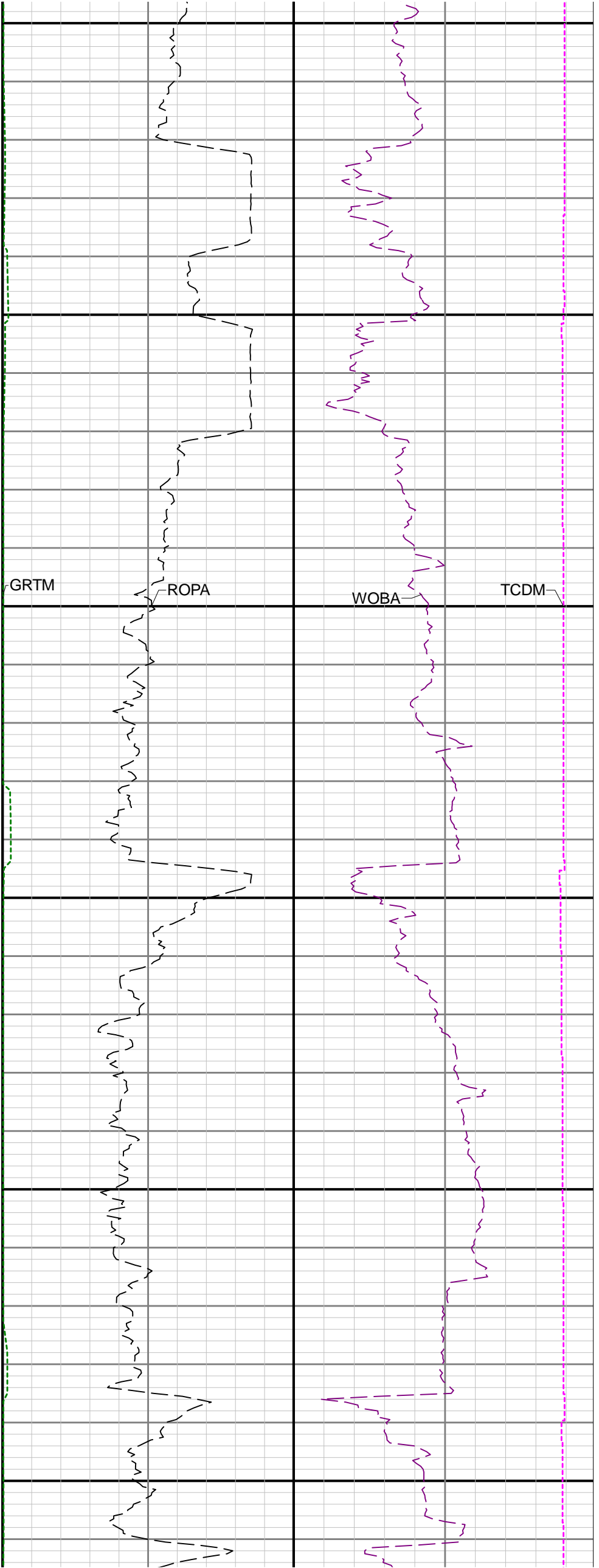


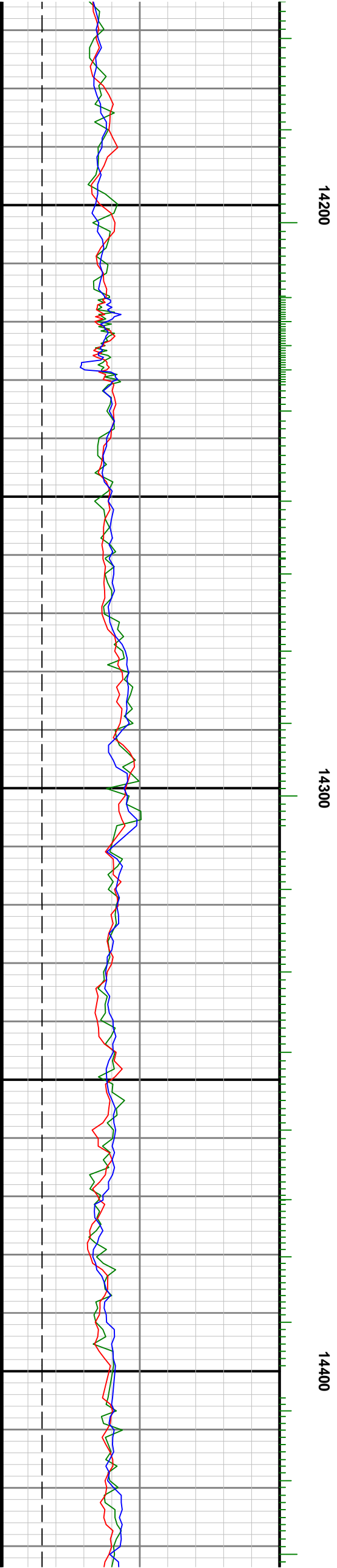
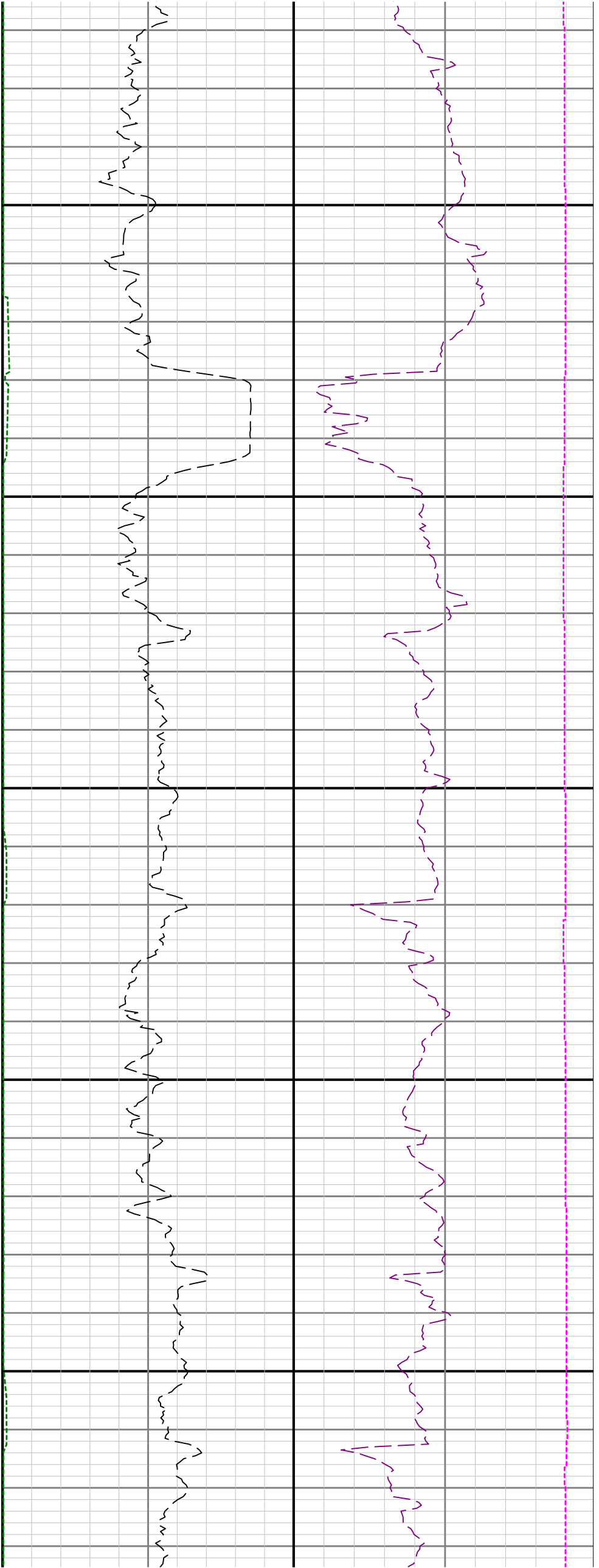


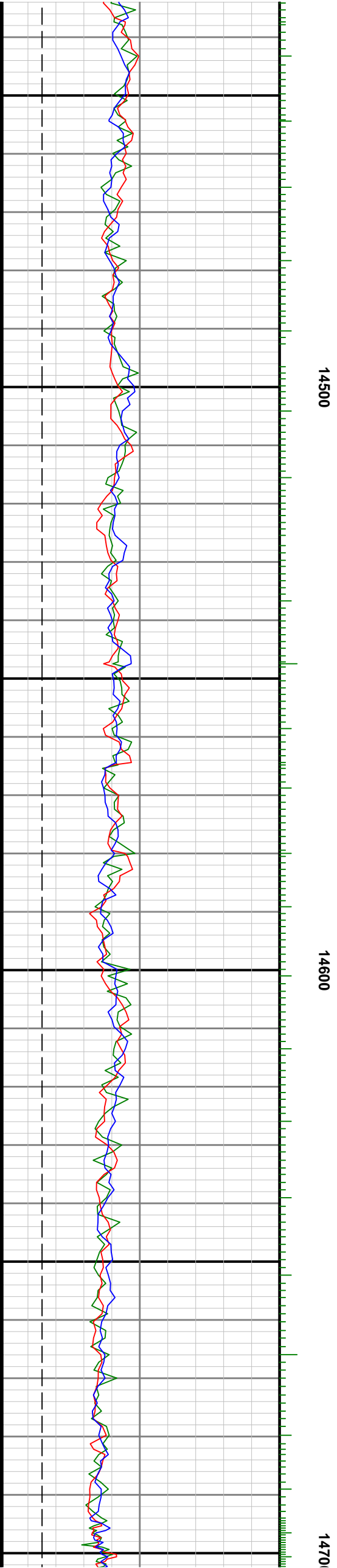
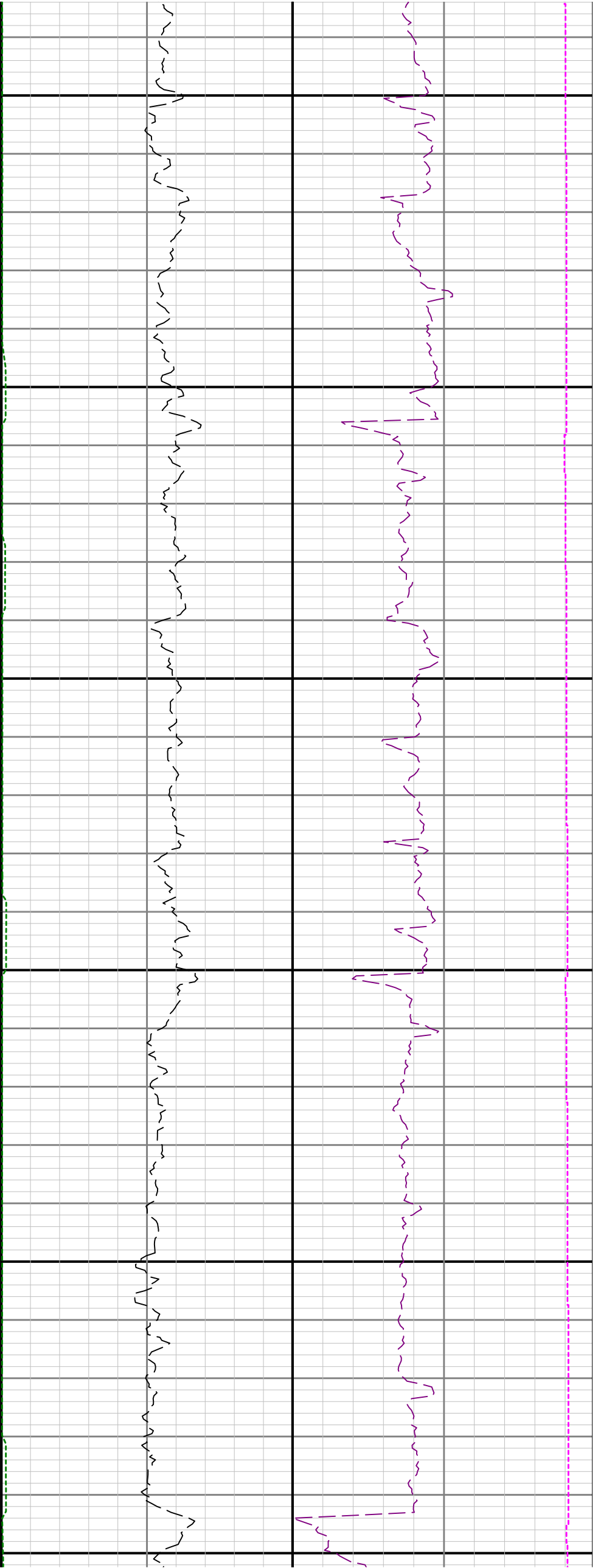
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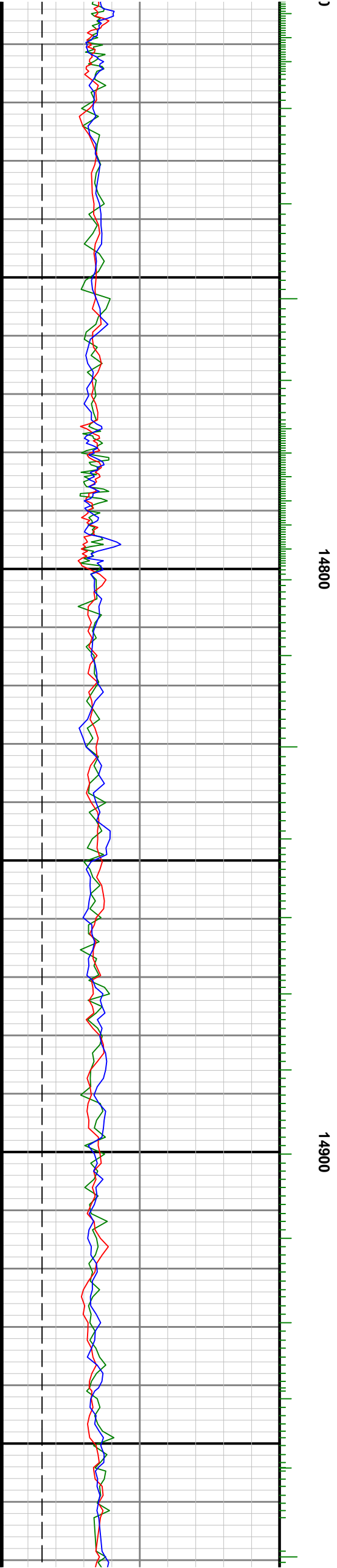
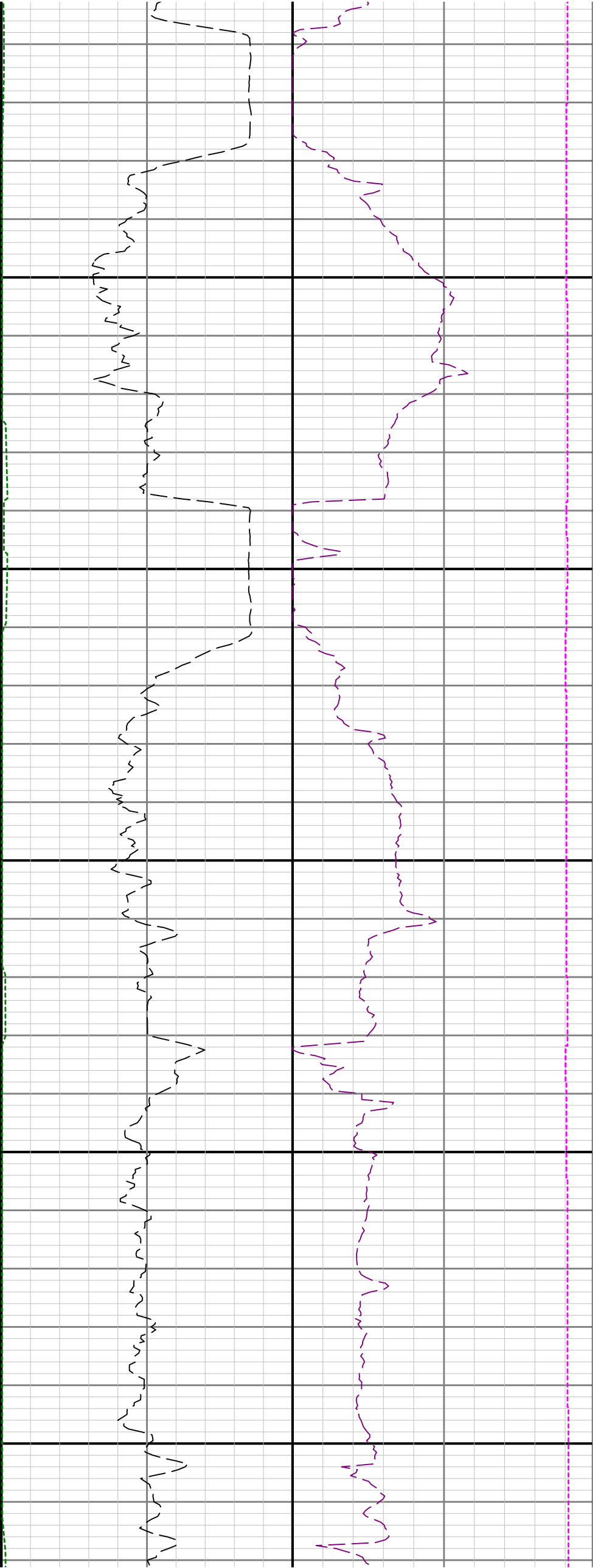
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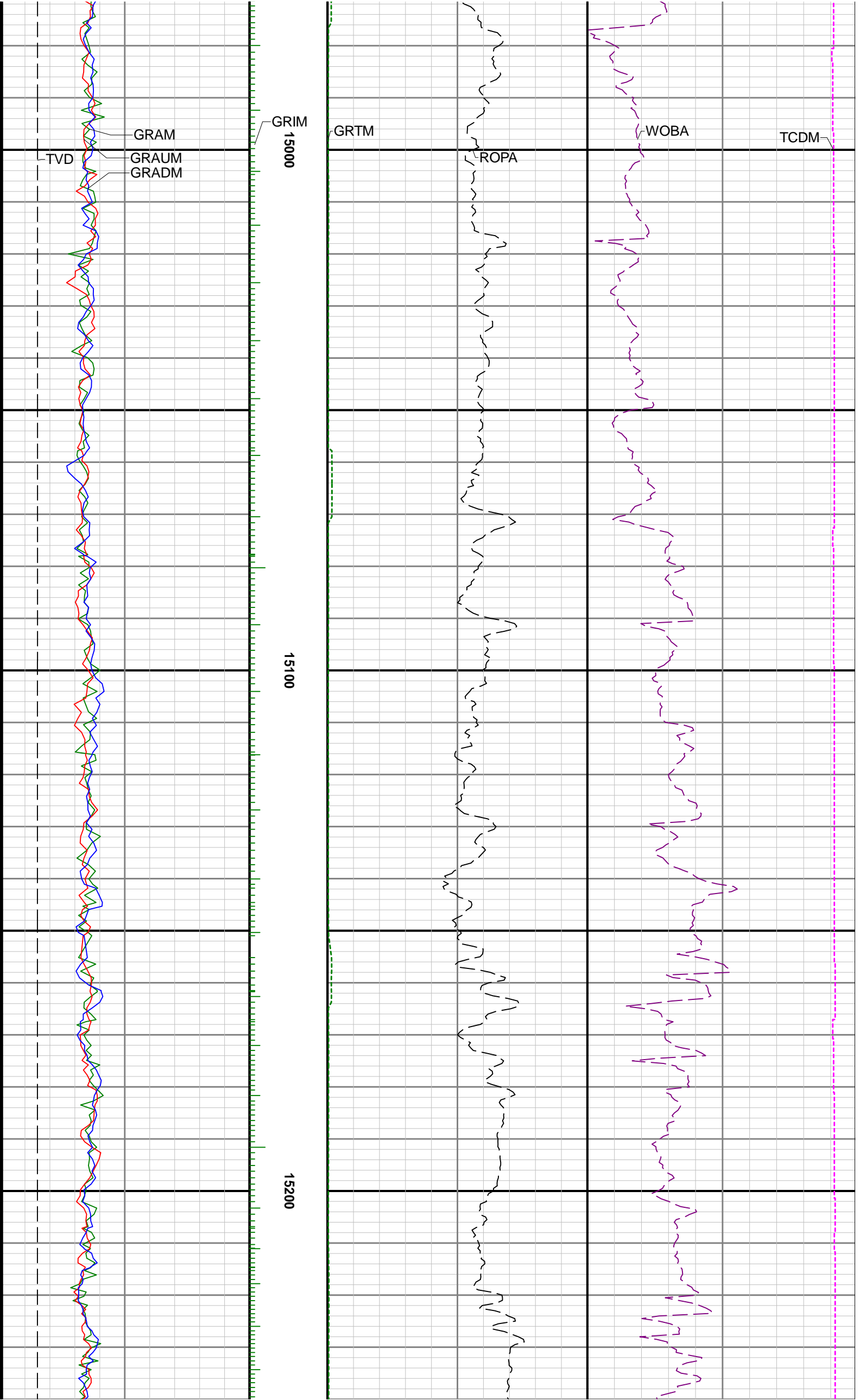


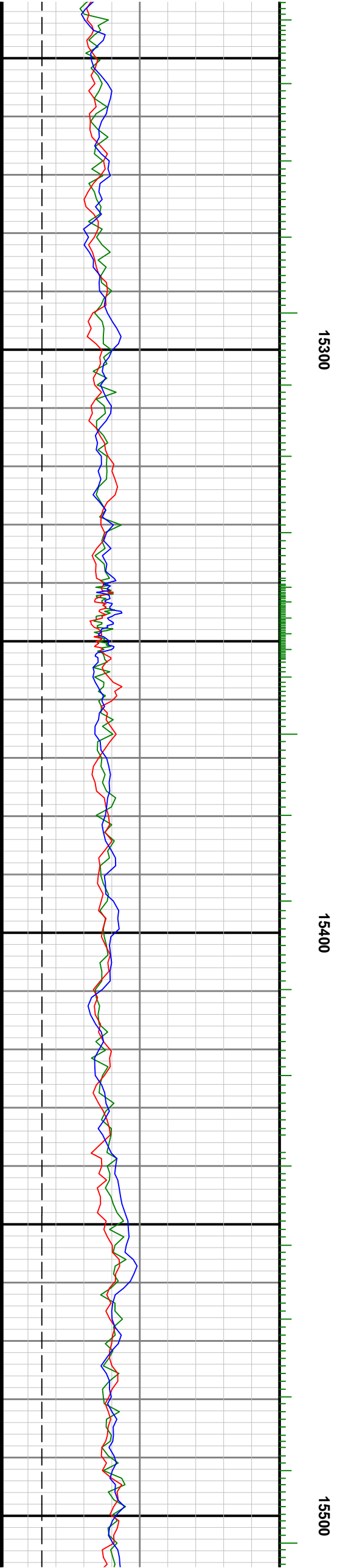
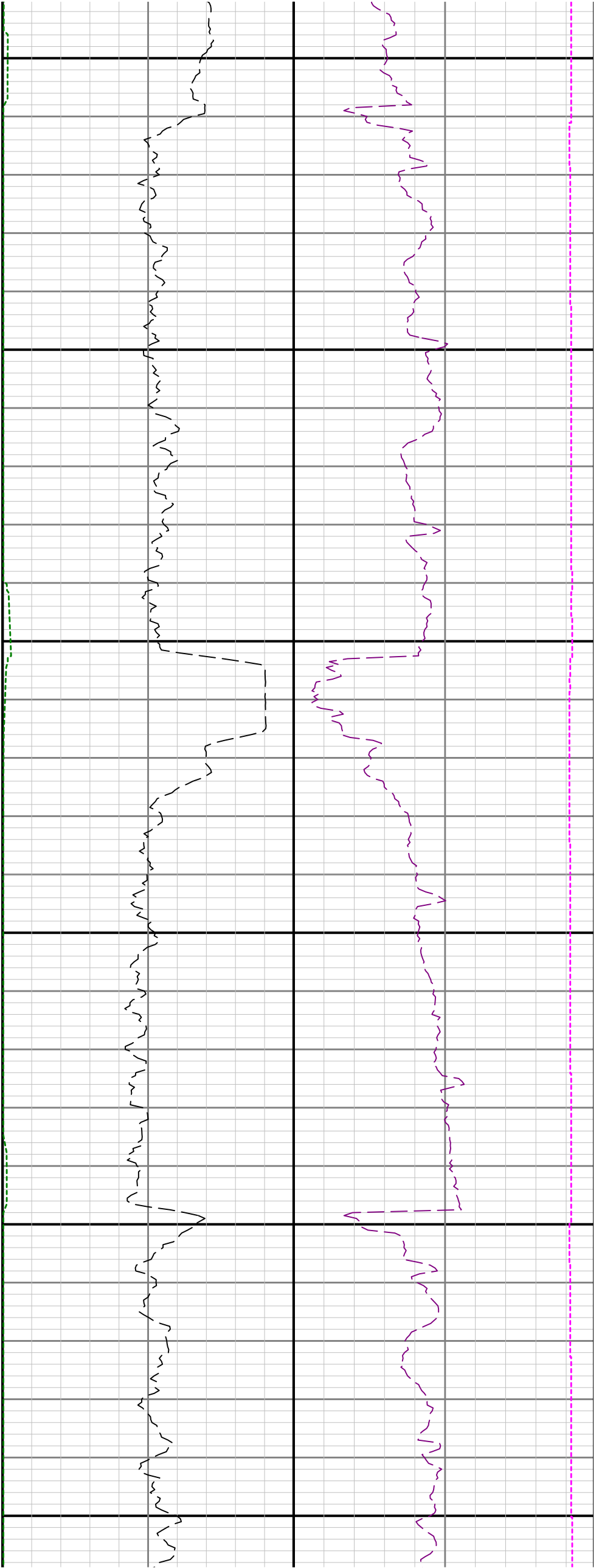


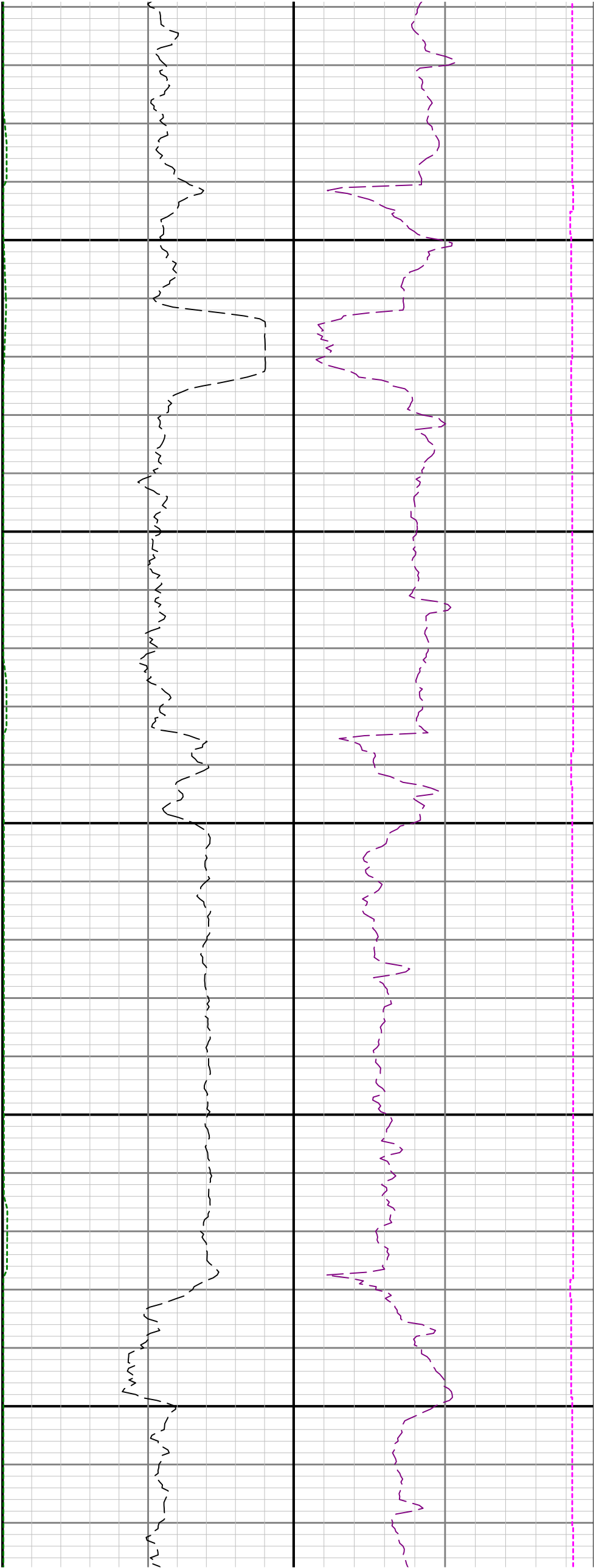












15600

15700

