

		LWD MEMORY COMPOSITE LOG										
<div><div>Baker Hughes</div></div>		<div><div>Gamma Ray</div><div>Multiple Propagation Resistivity</div></div>										
Scale: <div>1:240</div> <div>Measured Depth</div>		<div><div>Company:</div><div>Bayswater Exploration & Production LLC</div></div> <div><div>Well:</div><div>ONYX FEDERAL 1</div></div> <div><div>Field:</div><div>Weld County</div></div> <div><div>County:</div><div>Weld</div><div>Country:</div><div>United States</div></div> <div><div>State:</div><div>Colorado</div></div>										
Depth Reference: <div>Driller's Depth</div>		<div>Surface Location:</div> <div>Latitude:40° 33' 06.698" N</div> <div>Longitude:104° 45' 12.061" W</div>										<div>Other Services:</div> <div>Directional</div>
Status: <div>Final Print</div>												
API:05123521970000												
Job ID:111967130												
Operational Summary											Rig & Elevations	
Dates		Drilled (ft)		Logged (ft)		Rig Contractor: Ensign DrillingRig: Ensign 153				Elev. KB: (ft)N/A		
From: 2023-12-25		Top: 105.00		Top: 1721.00		Permanent Datum (P.D.): Mean Sea LevelElevation: (ft)0.00				Elev. DF: (ft)4919.00		
To: 2024-01-02		Bottom: 22185.00		Bottom: 7165.00		Log Measured From: Rig FloorAbove P.D.: (ft)4919.00				Elev. GL: (ft)4896.00		
<div>(C) 2024 Baker Hughes Company - All rights reserved. Baker Hughes and its affiliates provides this information on an "as is" basis for general information purposes and believes it to be accurate as of the date of publication. Baker Hughes does not make any representation as to the accuracy or completeness of the information and makes no warranties of any kind, specific, implied or oral, to the fullest extent permissible by law, including those of merchantability and fitness for a particular purpose or use. Baker Hughes hereby disclaims any and all liability for any direct, indirect, consequential or special damages, claims for lost profits, or third party claims arising from the use of the information, whether a claim is asserted in contract, tort, or otherwise. The Baker Hughes logo is a trademark of Baker Hughes Company.</div>												
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
						Top (ft)	Bottom (ft)	From (ft)	To (ft)	Start Logging	End Logging	
1	1	13.500	PDC	5.00	Steerable	0.00	0.00	105.00	1734.00	N/A	N/A	6.21
2	2	8.500	PDC	2.50	AutoTrak Curve	1721.00	20416.00	1734.00	20429.00	2023-12-25 23:40	2023-12-31 02:31	101.07
3	3	8.500	PDC	2.50	AutoTrak Curve	20417.00	22172.00	20430.00	22185.00	2024-01-01 12:01	2024-01-02 00:20	18.69
Crew												
Name		Arrive Wellsite	Depart Wellsite	Name		Arrive Wellsite	Depart Wellsite	Name		Arrive Wellsite	Depart Wellsite	
Ciro Parraga		2023-12-11	2023-12-25	Reid Hattan		2023-12-20	N/A	Steve Bueghly		2023-12-20	N/A	
Ryley Cowan		2023-12-23	N/A	Ezra Wingfield		2023-12-25	N/A	Matt Leopold		2023-12-25	N/A	
Dayo Ajisafe		2023-12-26	2023-12-27	Abdullah Alkhoja		2023-12-28	N/A					
Mud Properties Record												
Date / Time		Run No.	Depth (ft)	Mud Type	Density (ppg)	Viscosity (cP)	pH	Fluid Loss (cm3)	Oil / Water	Source	Total Chlorides (ppm)	K+ (%)
2023-12-22 06:45		1	1734.00	Water Based Mud	9.0	2	7.5	N/A	0/96	Active Bit	207	N/A

2023-12-23 05:00	1	1734.00	Water Based Mud	9.0	9	7.5	N/A	67.8	Active Pit	27000	N/A
2023-12-25 05:30	2	1734.00	Oil Based Mud	9.2	14	7.5	N/A	78.7/21.3	Active Pit	27000	N/A
2023-12-26 05:00	2	3600.00	Oil Based Mud	9.0	14	N/A	N/A	78.9/21.1	Active Pit	28000	N/A
2023-12-27 05:00	2	7325.00	Oil Based Mud	9.6	18	N/A	N/A	79.3/20.7	Active Pit	29000	N/A
2023-12-28 05:00	2	10440.00	Oil Based Mud	9.8	18	N/A	N/A	79.1/20.9	Active Pit	31000	N/A
2023-12-29 05:00	2	16570.00	Oil Based Mud	9.3	16	N/A	N/A	79.1/20.9	Active Pit	28000	N/A
2023-12-30 05:00	2	17525.00	Oil Based Mud	9.9	19	N/A	N/A	80.7/19.3	Active Pit	31000	N/A
2023-12-31 19:52	3	20429.00	Oil Based Mud	9.8	17	N/A	N/A	80.2/19.8	Active Pit	32000	N/A
2024-01-01 05:00	3	20430.00	Oil Based Mud	10.0	18	N/A	N/A	80/20	Active Pit	31000	N/A

Mud Resistivity Record

Date / Time	Run No.	Depth (ft)	Surface Temp (degF)	Surface			BHCT (degF)	Downhole		
				Rm (ohm.m)	Rmf (ohm.m)	Rmc (ohm.m)		Rm @ BHCT (ohm.m)	Rmf @ BHCT (ohm.m)	Rmc @ BHCT (ohm.m)
2023-12-29 05:00	2	18900.00	45.0	100.000	N/A	N/A	260.0	100.000	N/A	N/A
2024-01-02 10:26	3	20420.00	120.0	100.000	N/A	N/A	255.0	100.000	N/A	N/A

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	DHP815	VSS	0.00	36.32	8.000	3.250
1	NaviGamma	DHP815	Gamma (single)	0.49	36.81	8.000	3.250
1	NaviGamma	DHP815	Directional (mag)	14.99	51.31	8.000	3.250
2	AutoTrak Curve Steering Unit	16045790	Near Bit Inclination	5.93	6.93	7.000	4.330
2	AutoTrak Curve Steering Unit	16045790	Near Bit VSS	5.93	6.93	7.000	4.330
2	AutoTrak Curve MWD	12830106	Gamma (single)	2.10	13.18	6.750	3.250
2	AutoTrak Curve MWD	12830106	Directional (mag)	12.27	23.35	6.750	3.250
3	AutoTrak Curve Steering Unit	15141455	Near Bit Inclination	5.93	6.93	7.000	4.330
3	AutoTrak Curve Steering Unit	15141455	Near Bit VSS	5.93	6.93	7.000	4.330
3	AutoTrak Curve MWD	15870626	Gamma (single)	2.19	13.10	7.000	3.250
3	AutoTrak Curve MWD	15870626	Directional (mag)	12.27	23.18	7.000	3.250

Service and Tool Mnemonics

Mnemonic	Name	Description
GAM	NaviGamma	Probe Based Gamma Module, NaviTrak Platform
ATC SU	AutoTrak Curve SU	Auto Trak Curve Steering Unit
ATC MWD	AutoTrak Curve MWD	Auto Trak Curve MWD
ATC LCPM	AutoTrak Curve LCPM	Auto Trak Curve LCPM
BCPM	BCPM	Bi-Directional Communication and Power Module, OnTrak Platform

Comments

1	Depth measurements were obtained from a depth control system not supplied or operated by Baker Hughes. Due to a 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 present logging data
2	Baker Hughes LWD Run(s) 2-3 utilized 6 ¾ inch OnTrak services (Multiple Propagation Resistivity) run 15020 feet behind an 8 ½ inch bit and rotary steerable assembly to perform a MAD (Measurement After Drilling) pass from 1723 to 7165 feet MD (1714 to 7072 feet TVD).
3	Baker Hughes MWD Run(s) 2-3 utilized 6 ¾ inch Gamma services run behind a 8 ½ inch bit and rotary steerable assembly from 1734 to 22185 feet MD (1725 to 7253 feet TVD).


Remarks

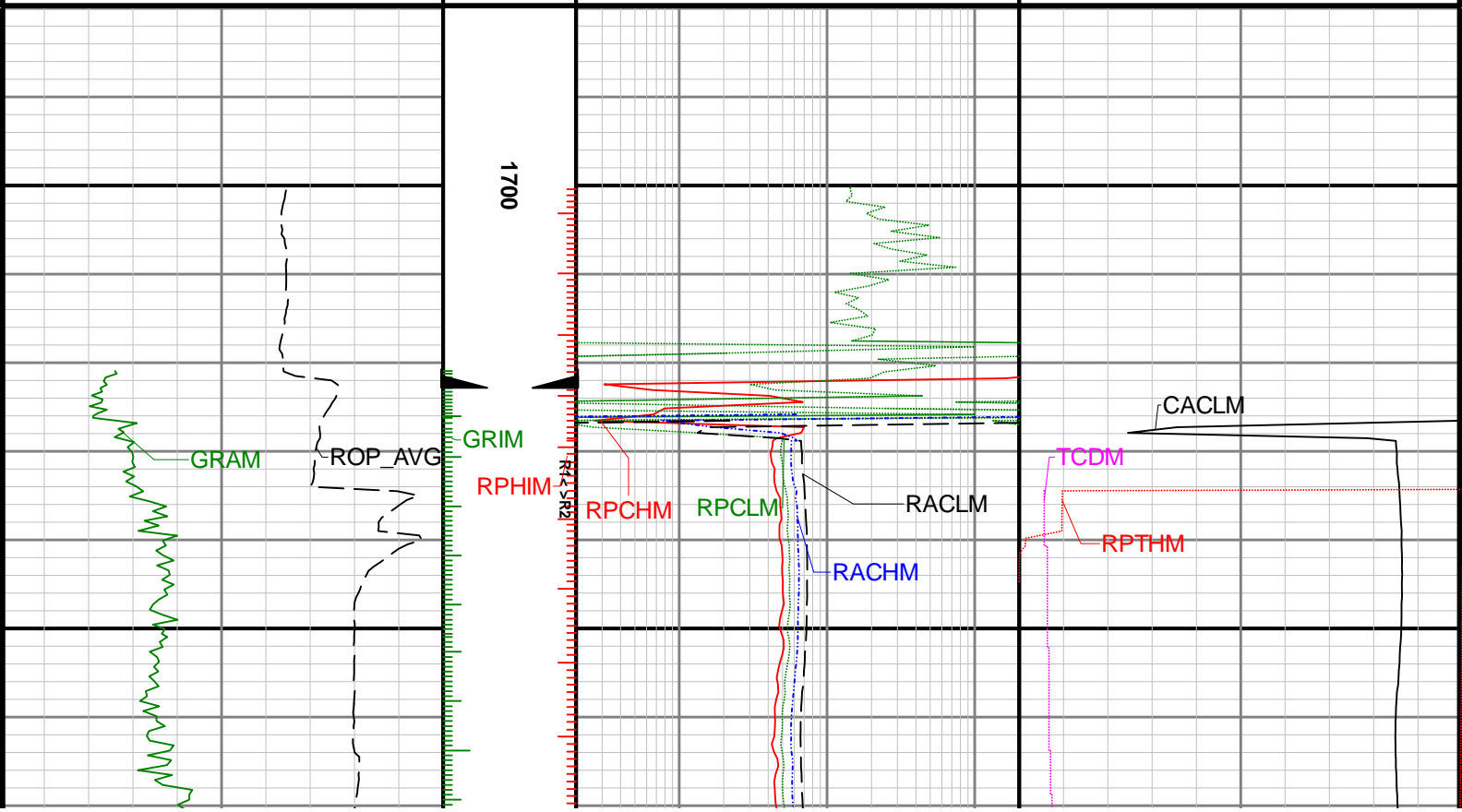
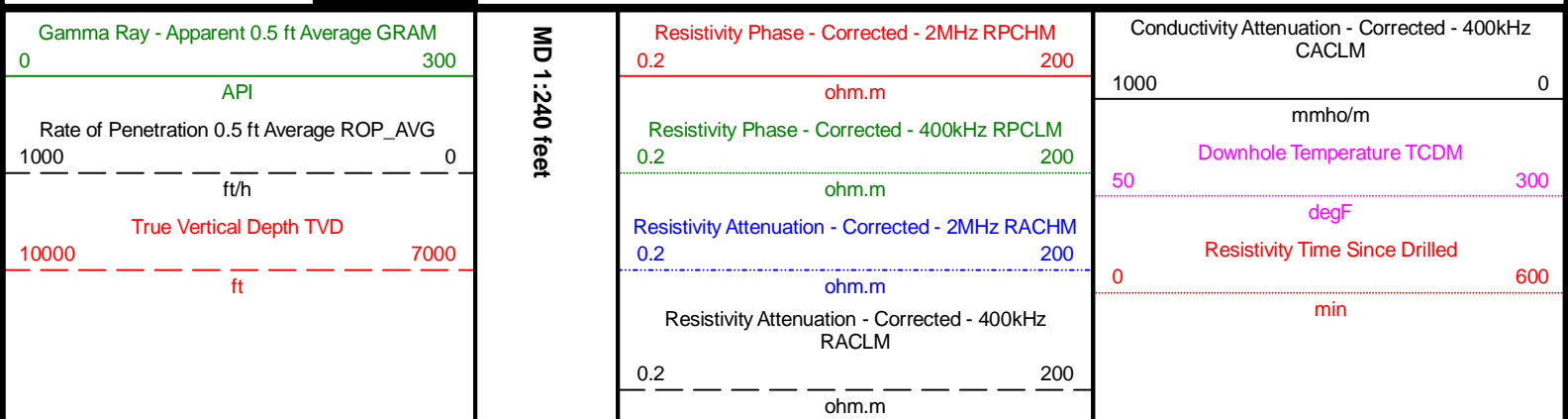
Number	Depth (ft)	Hole Section (in)	Run No.	Remark
1	2045.00	8.500	3	The interval from 2045 to 2074 feet MD (2033 to 2062 feet TVD) was not logged due to tool downlinking multiple times.
2	7165.00	8.500	3	The resistivity interval from 7165 to 22185 feet MD (7071 to 7253 TVD) was not logged due to sensor to bit offset at well TD.
3	22185.00	8.500	3	The gamma interval from 22172 to 22185 feet MD was not logged due to sensor to bit offset at well TD.

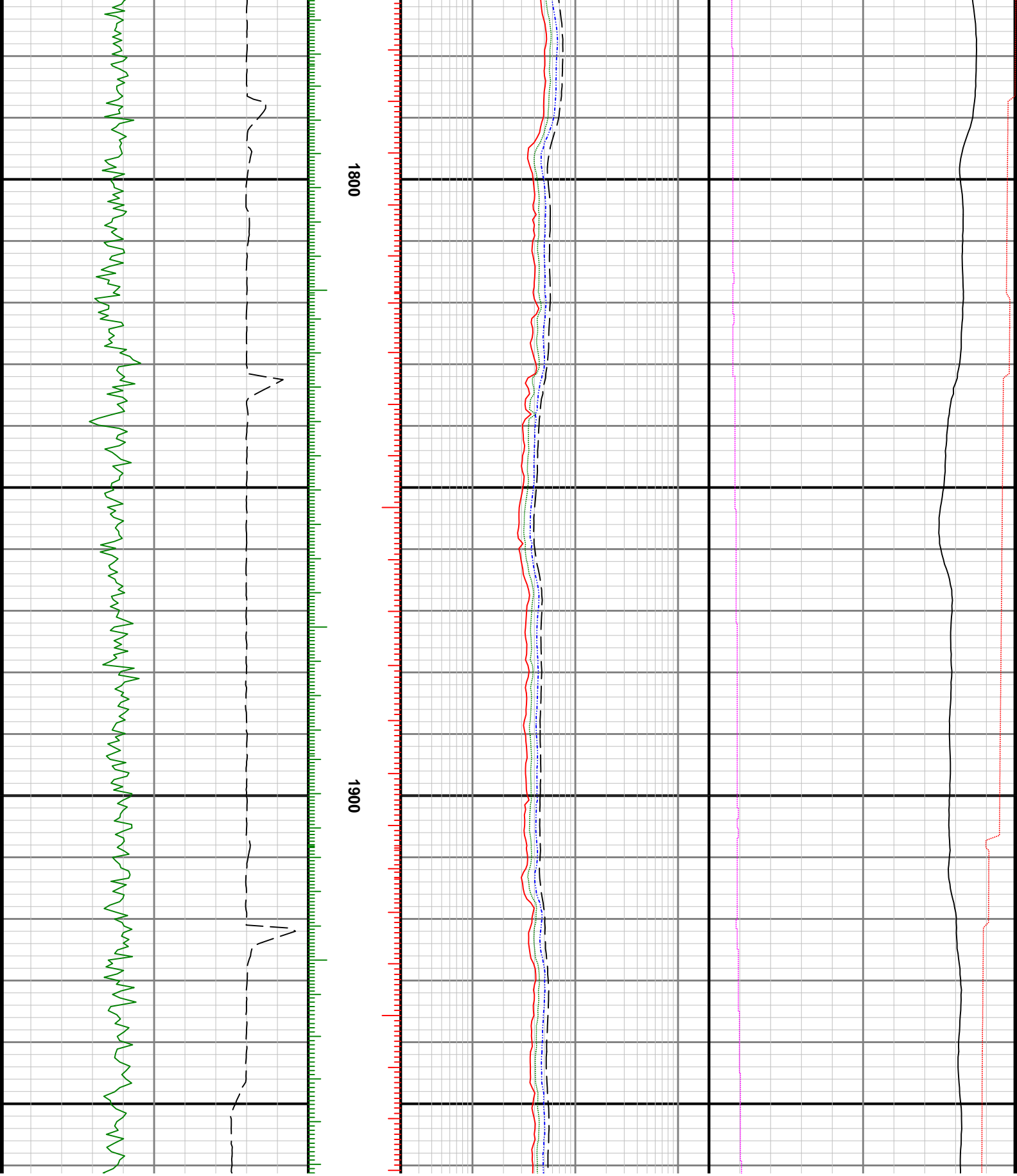
Curve Mnemonics

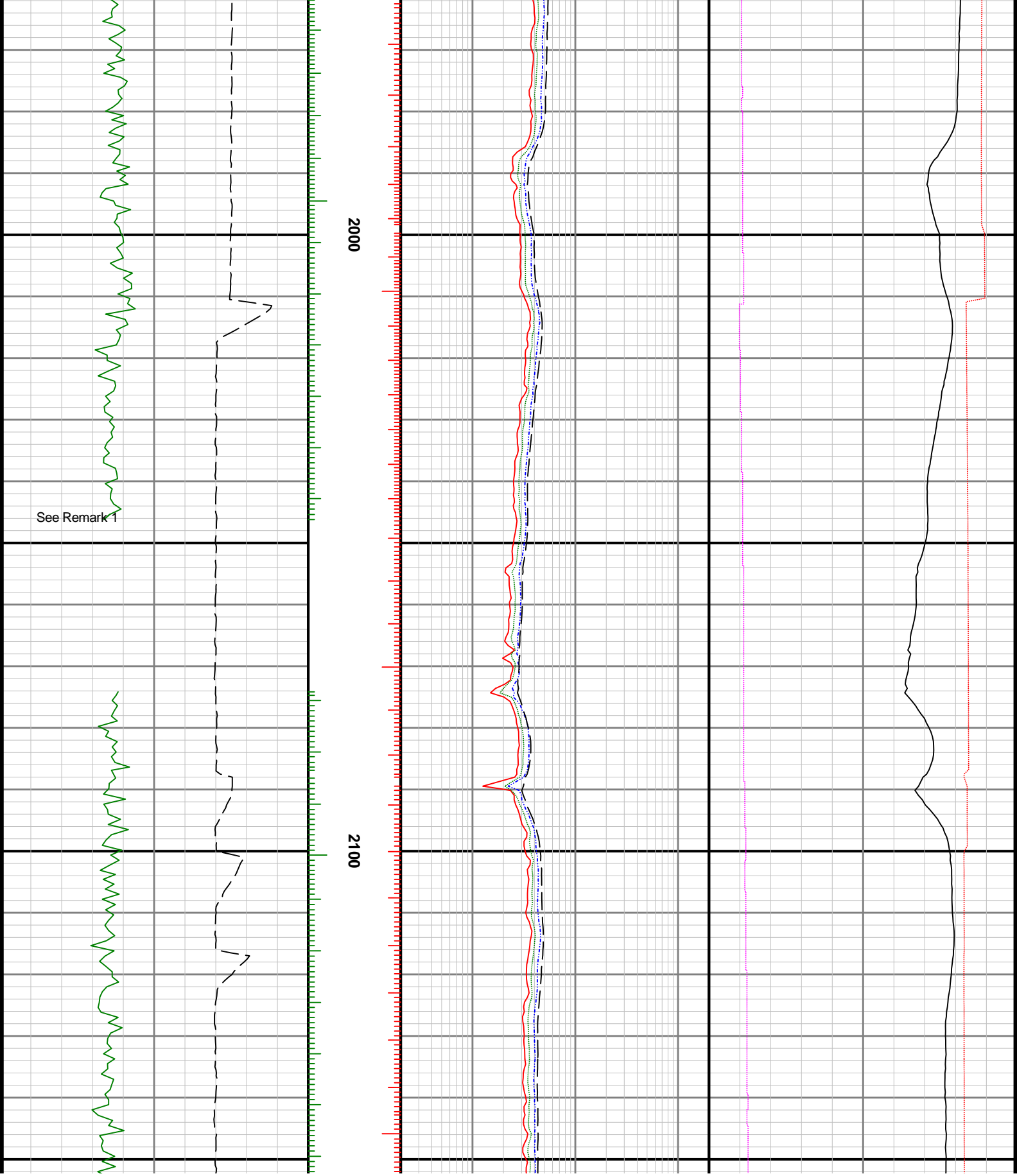
Presented Curves	Description	Units
CACLM	Conductivity Attenuation - Corrected - 400kHz	mmho/m

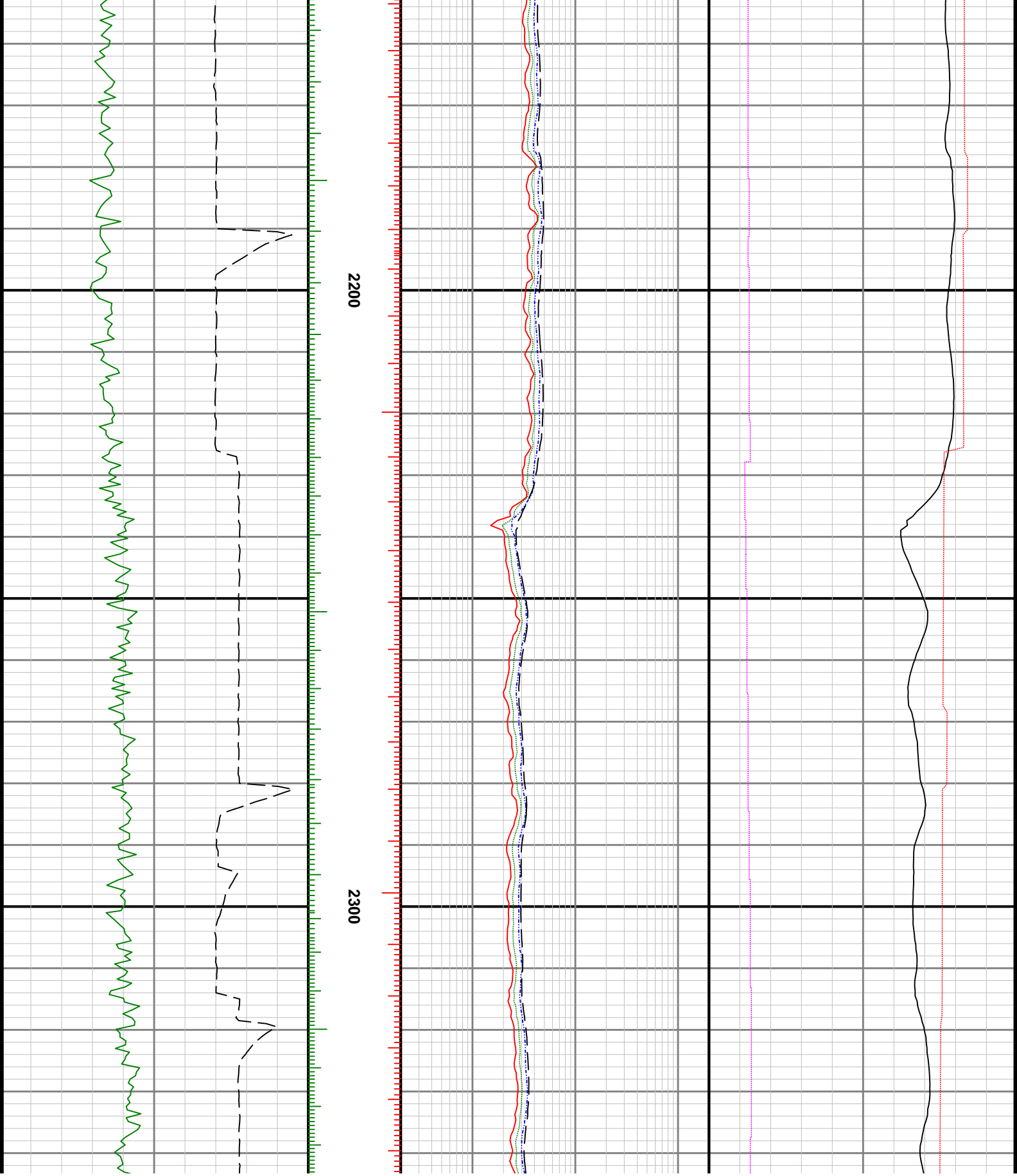
RACHM	Resistivity Attenuation - Corrected - 2MHz	ohm.m
RACLM	Resistivity Attenuation - Corrected - 400kHz	ohm.m
RPCHM	Resistivity Phase - Corrected - 2MHz	ohm.m
RPCLM	Resistivity Phase - Corrected - 400kHz	ohm.m
RPHIM	Resistivity Phase - Data Point Indicator - 2MHz	unitless
RPTHM	Resistivity Time Since Drilled	min
ROP_AVG	Rate of Penetration of bit, Average	ft/h
TVD	True Vertical Depth	ft
GRAM	Gamma Ray - Apparent - Memory 0.5 ft Average	API
GRIM	Gamma Ray - Data Point Indicator - Memory	unitless
TCDM	Downhole Temperature - Memory	degF

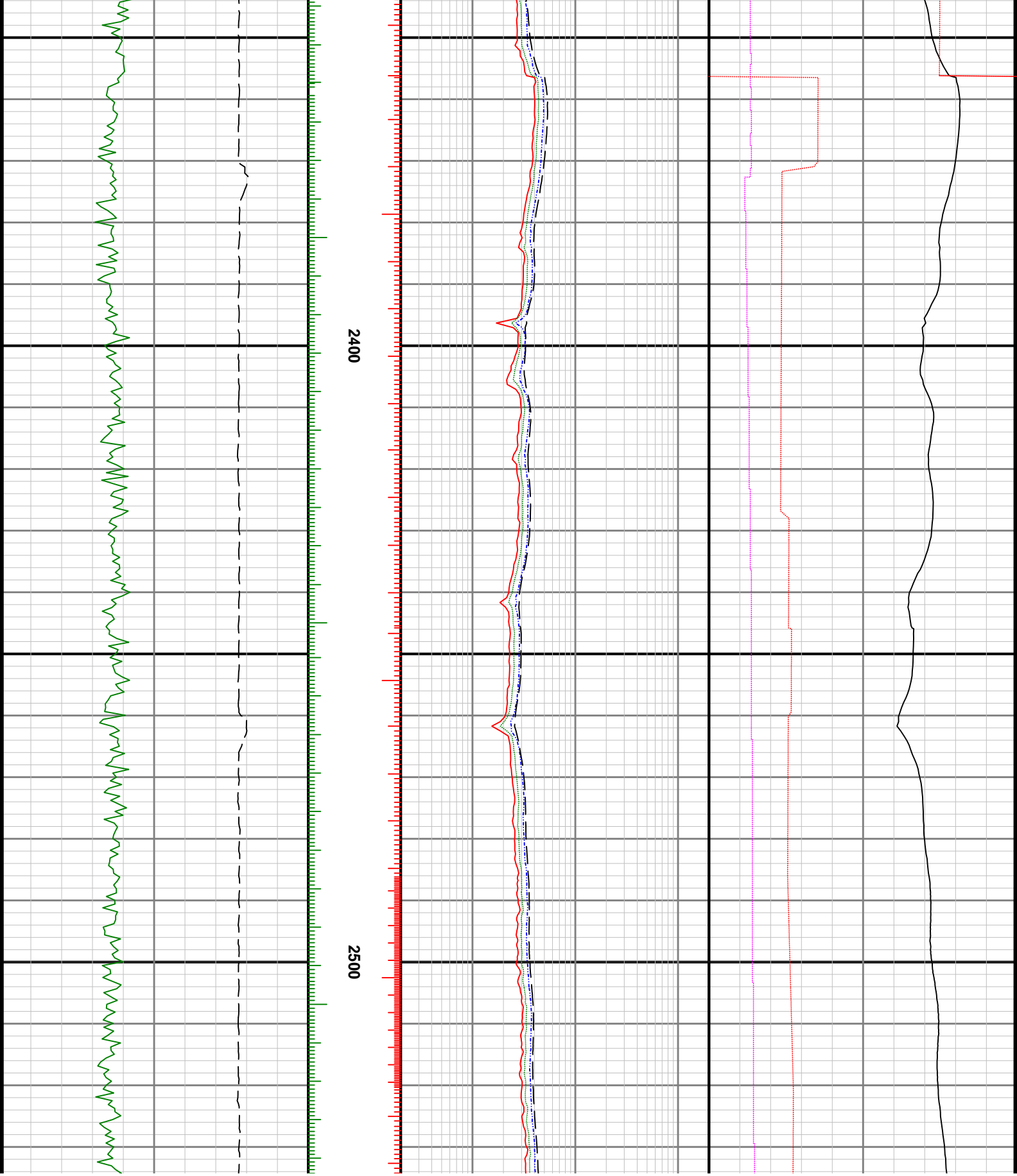
	Company	Bayswater Exploration & Production LLC				
	Well	ONYX FEDERAL 1				
	Interval	Date From:	2023-12-25 23:40	Interval Drilled: (ft)	105.00	- 22185.00
		Date To:	2024-01-02 00:20	Interval Logged: (ft)	1721.00	- 7165.00
	Created	2024-01-06 18:03:44				

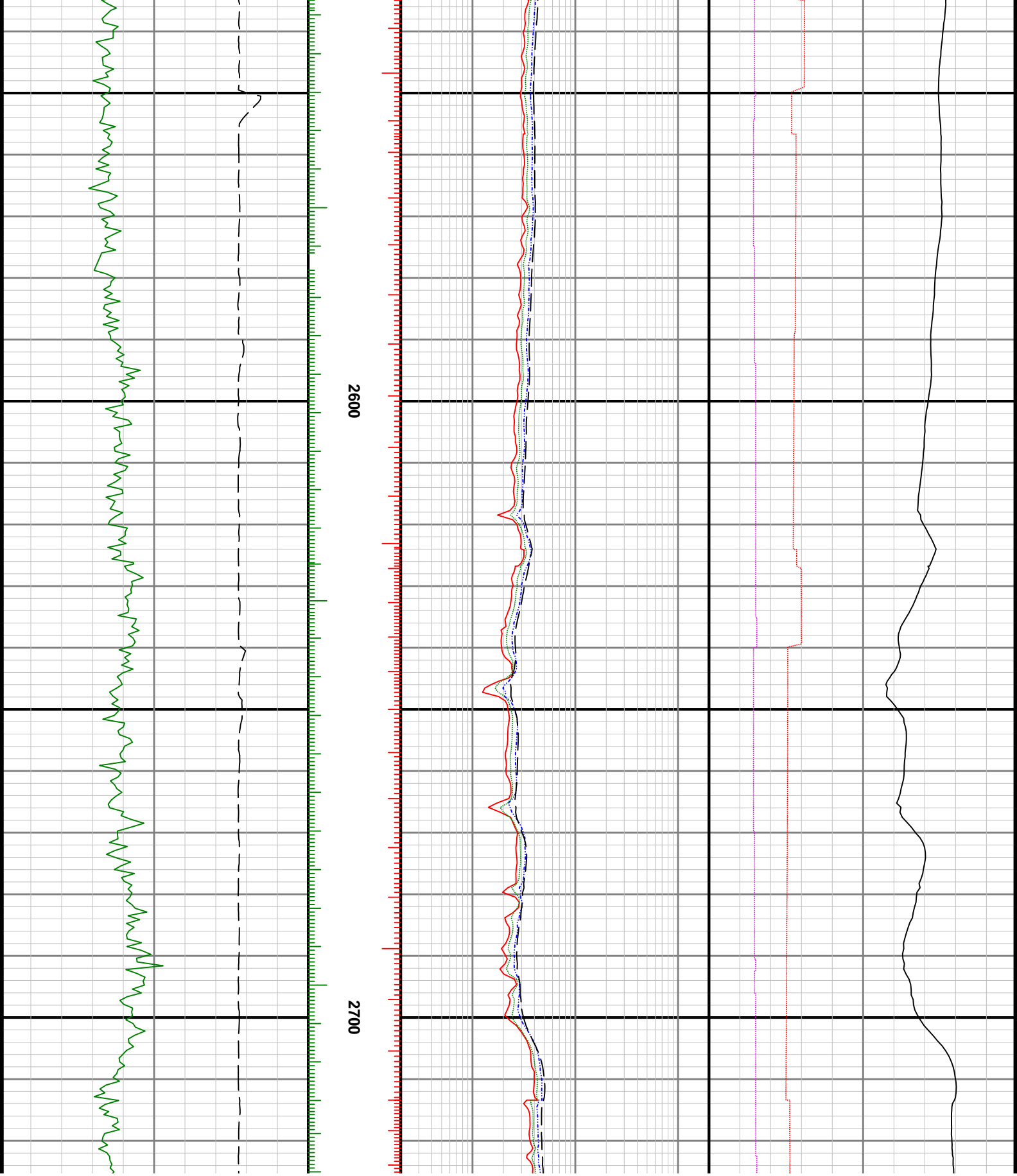


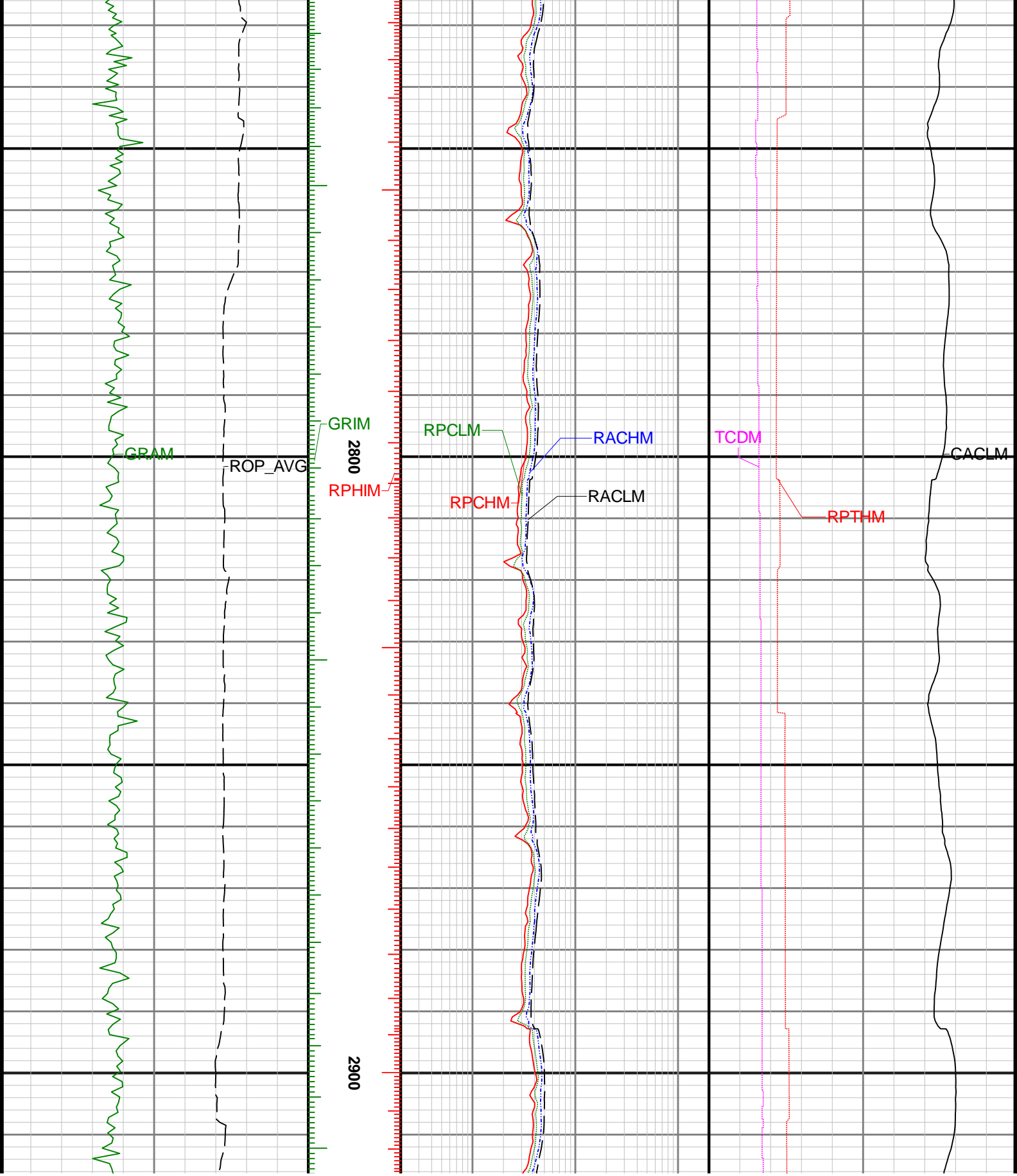


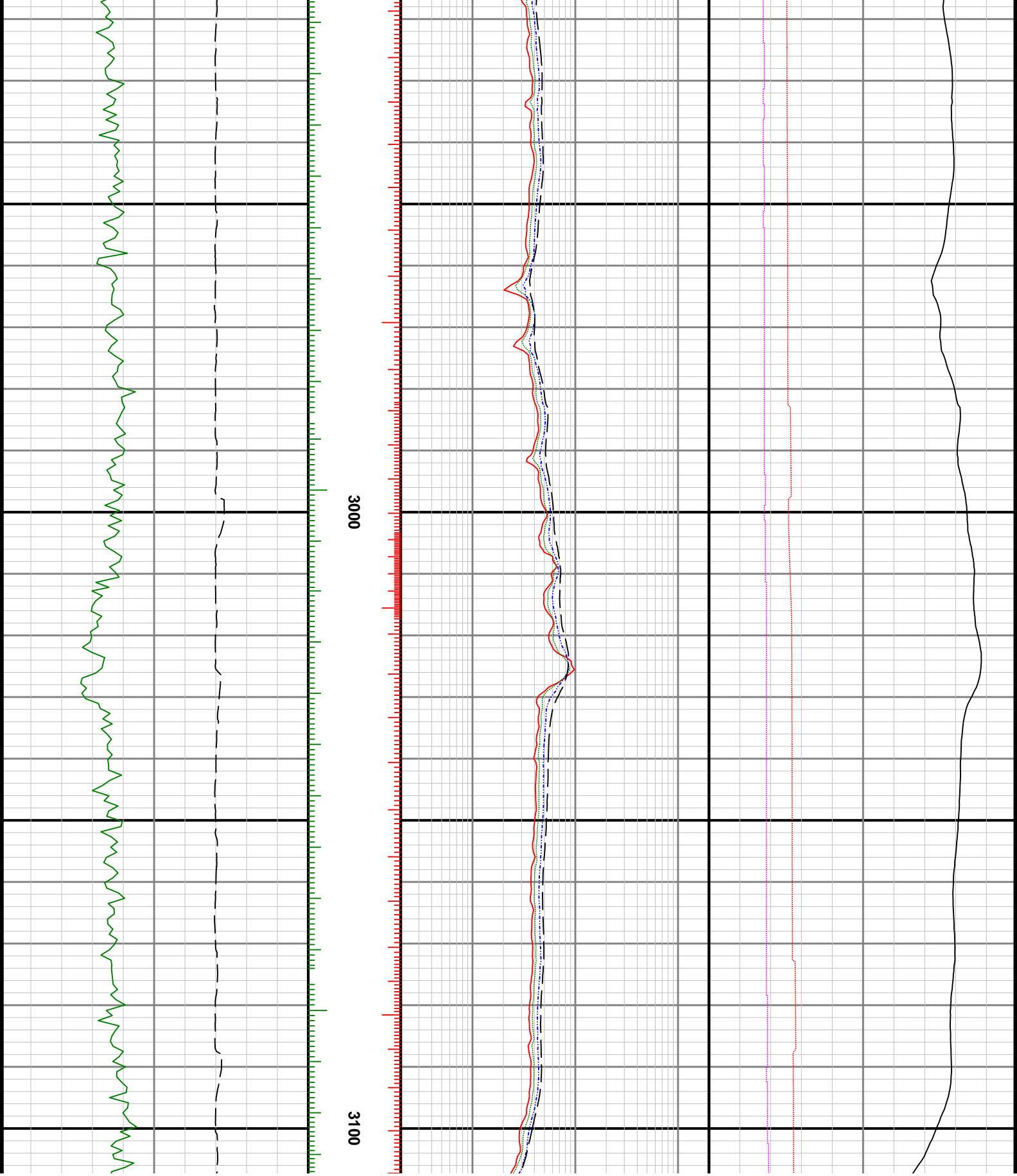


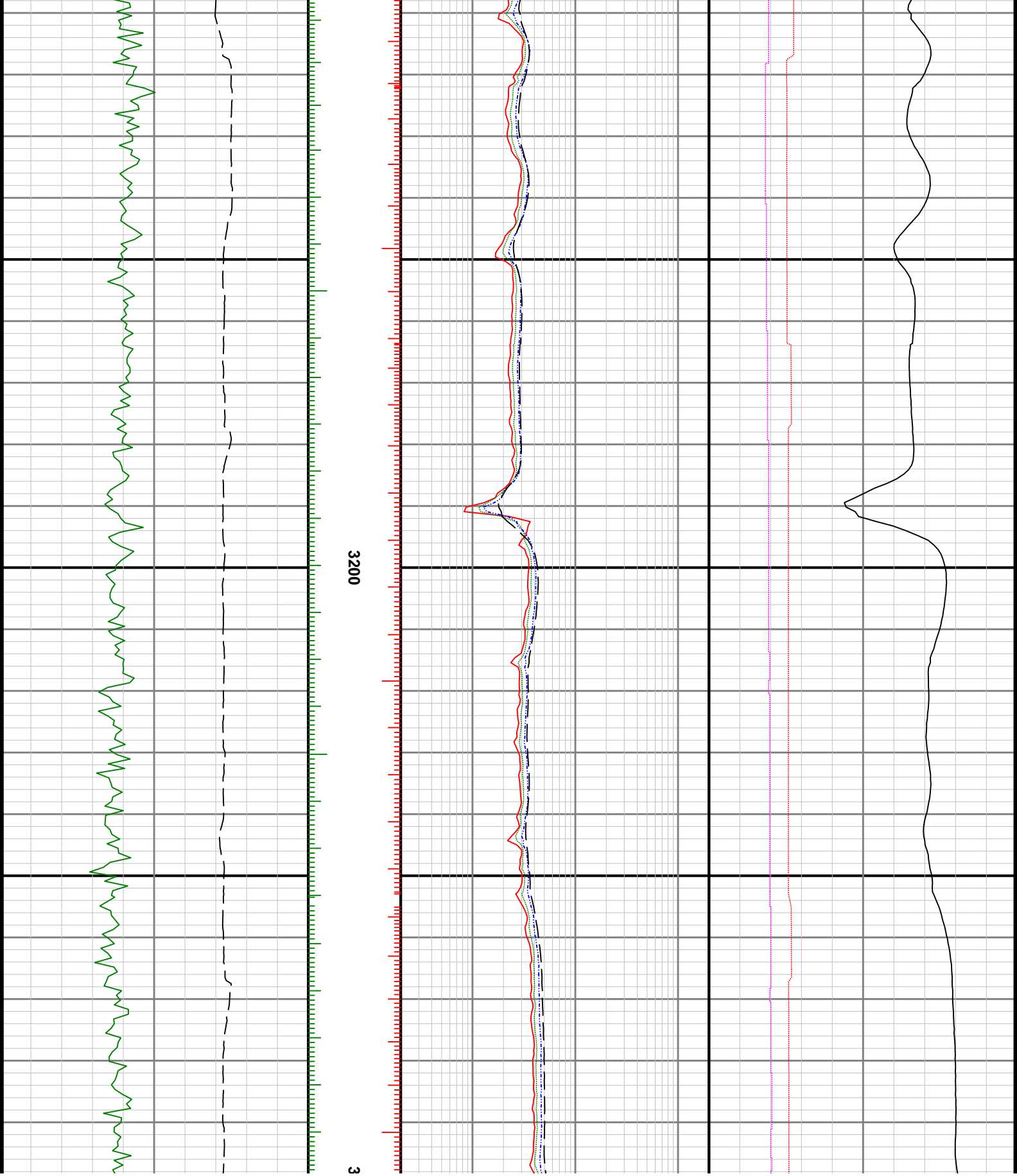


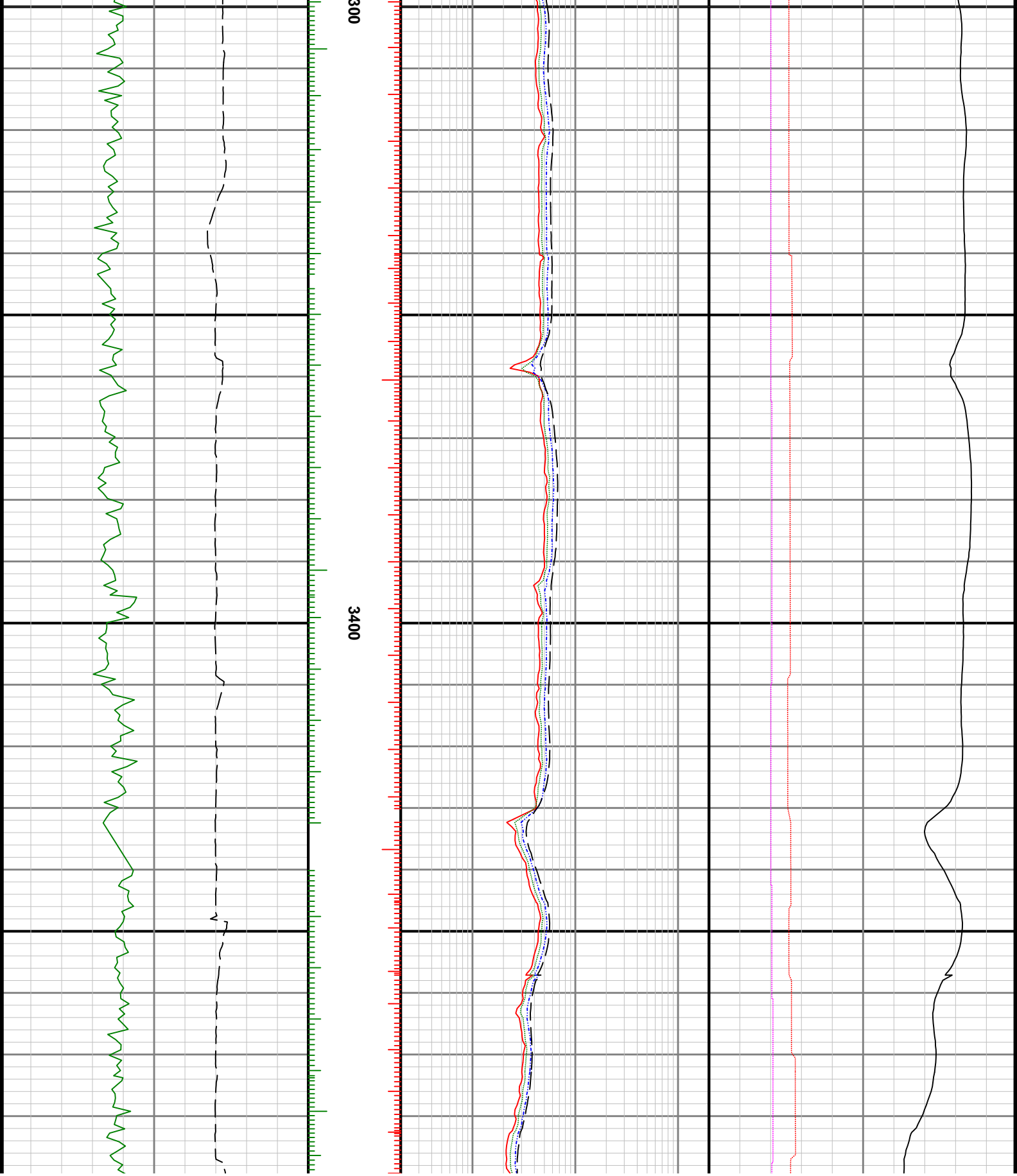


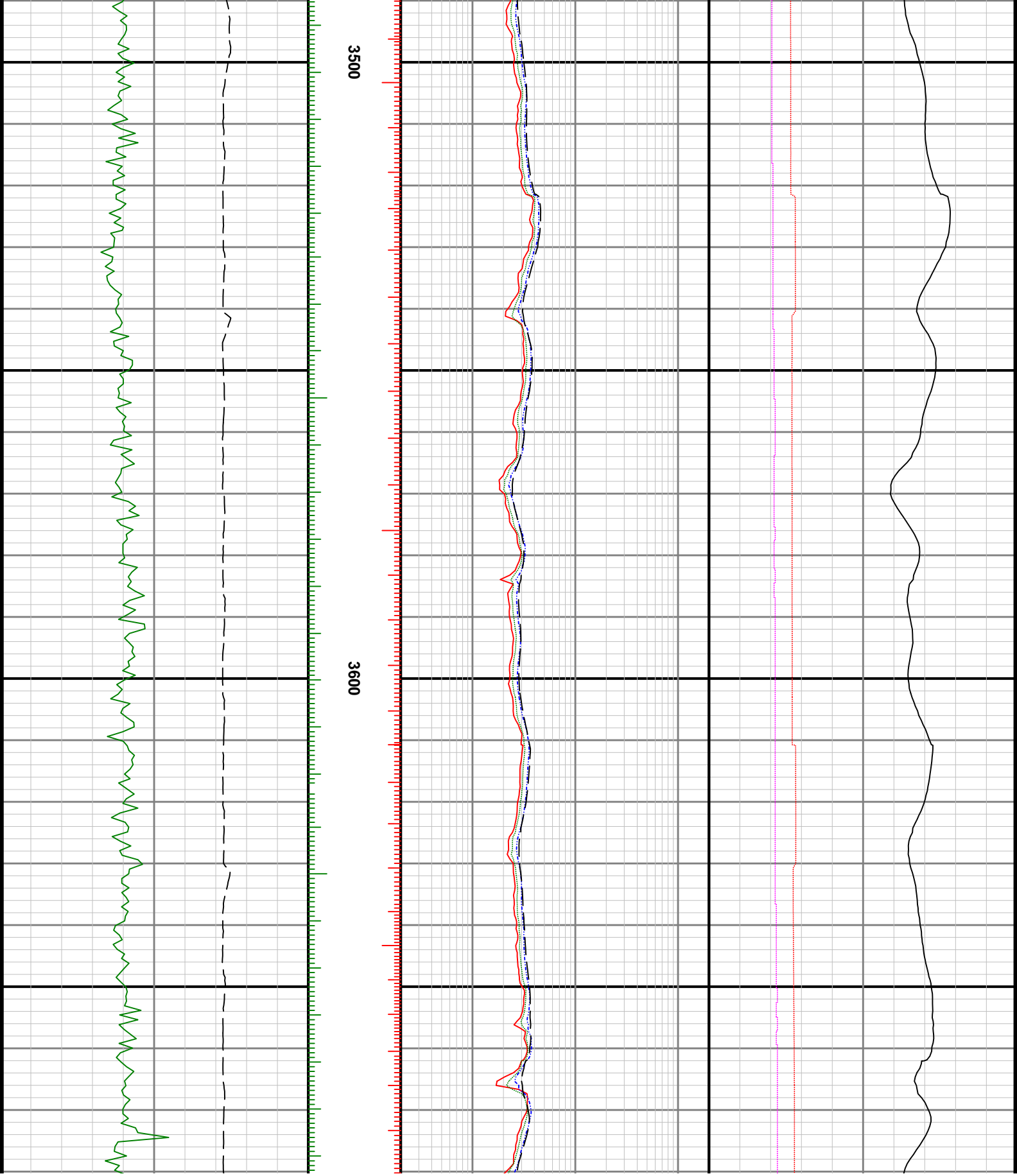


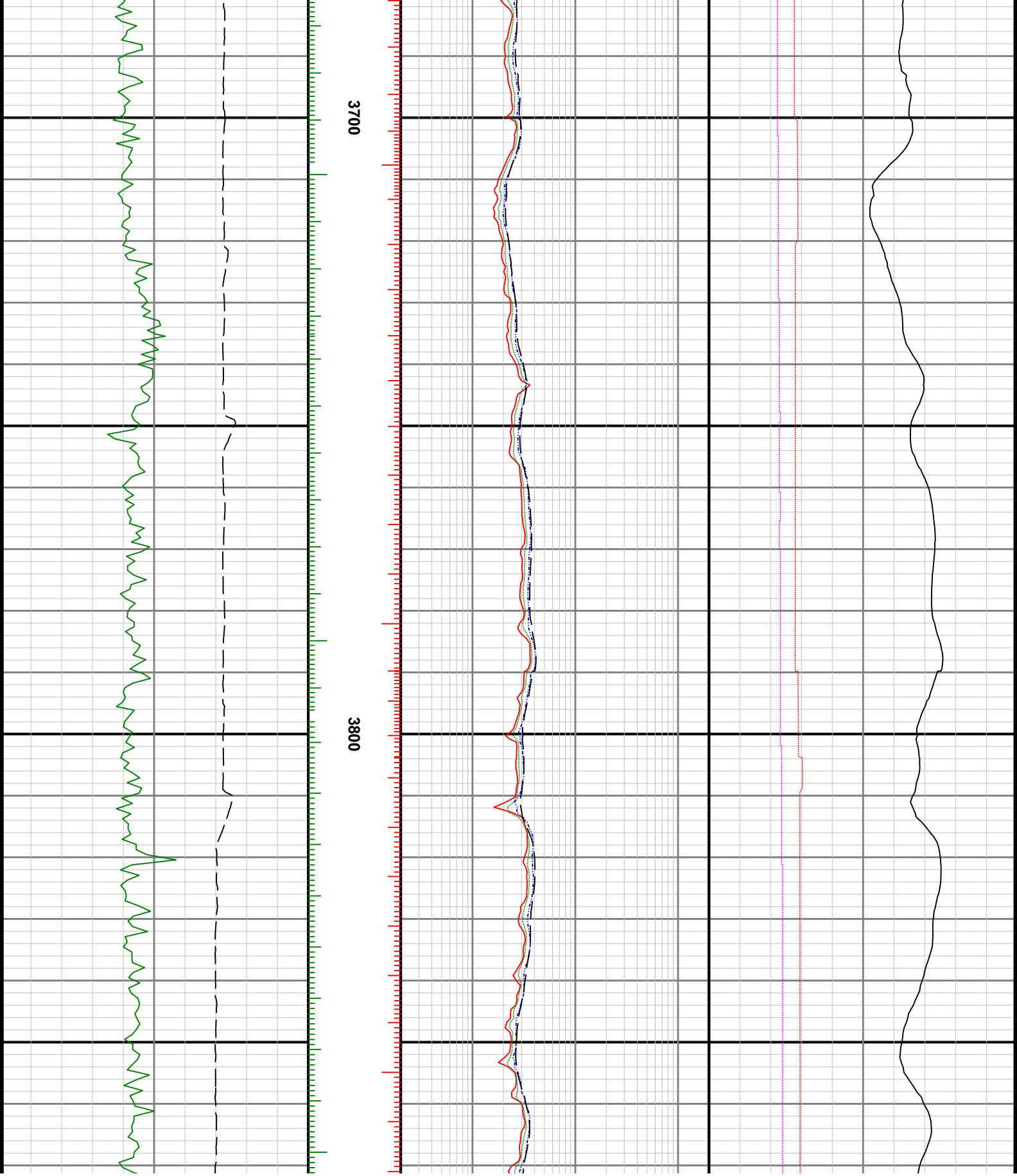


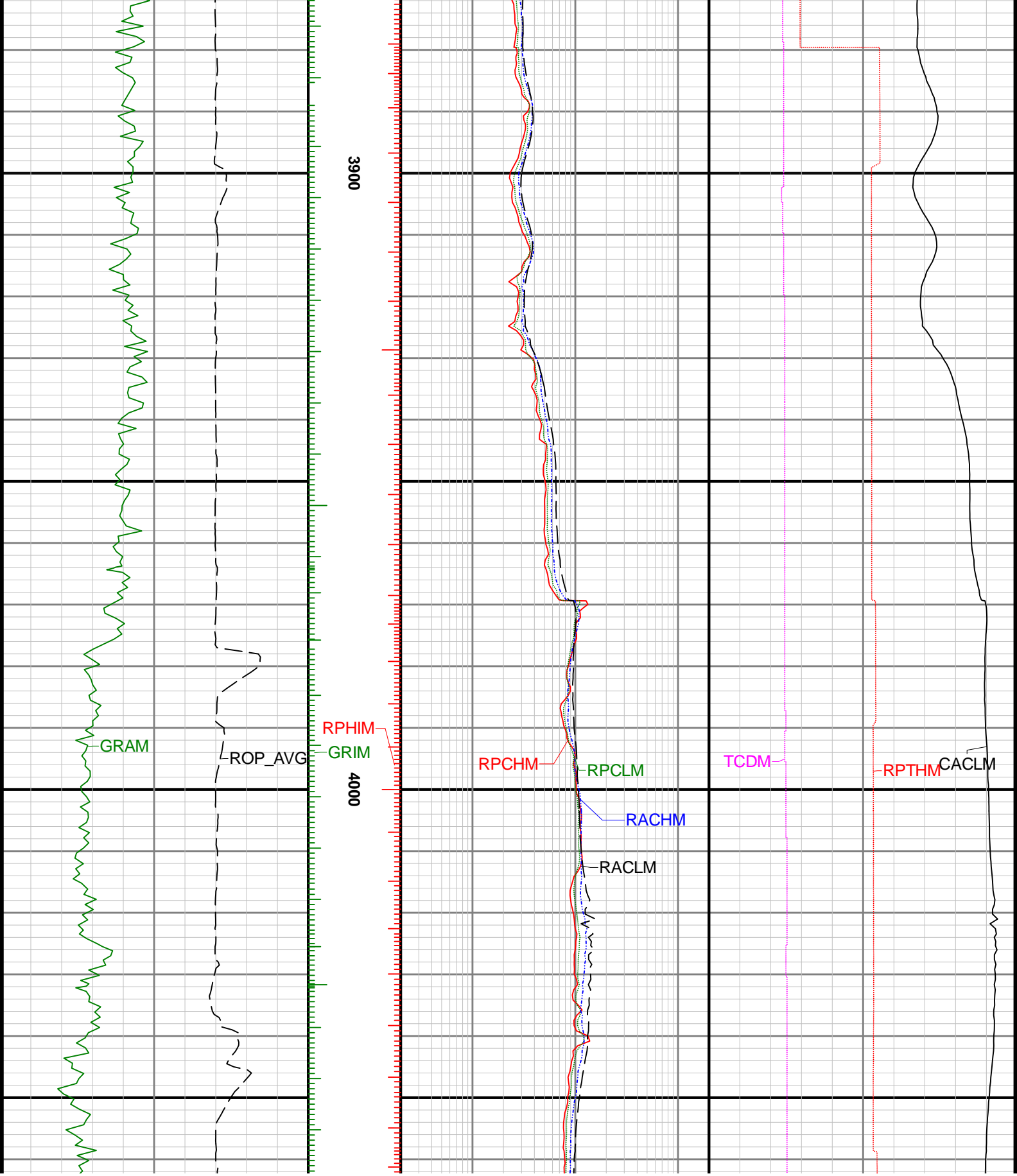


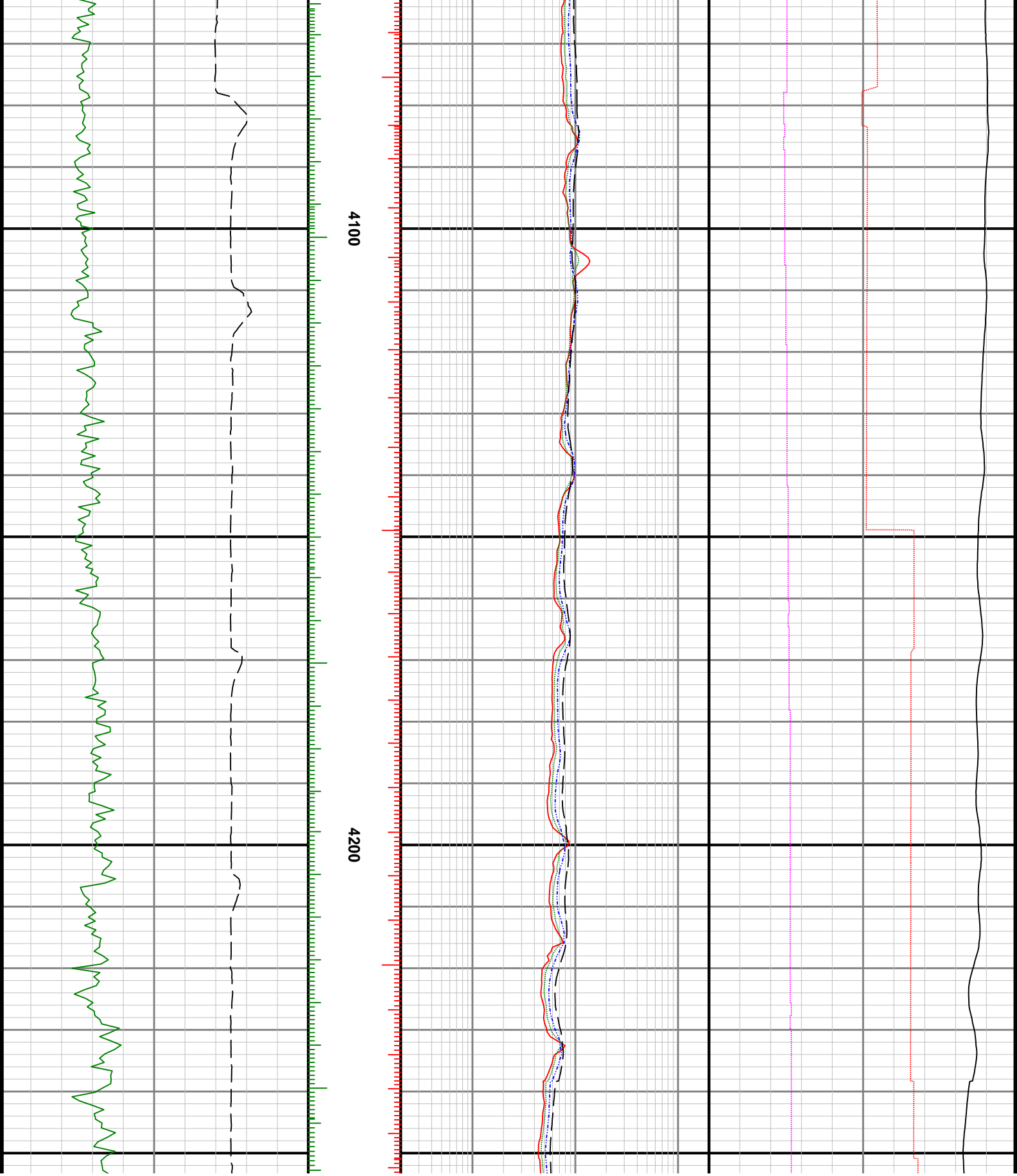


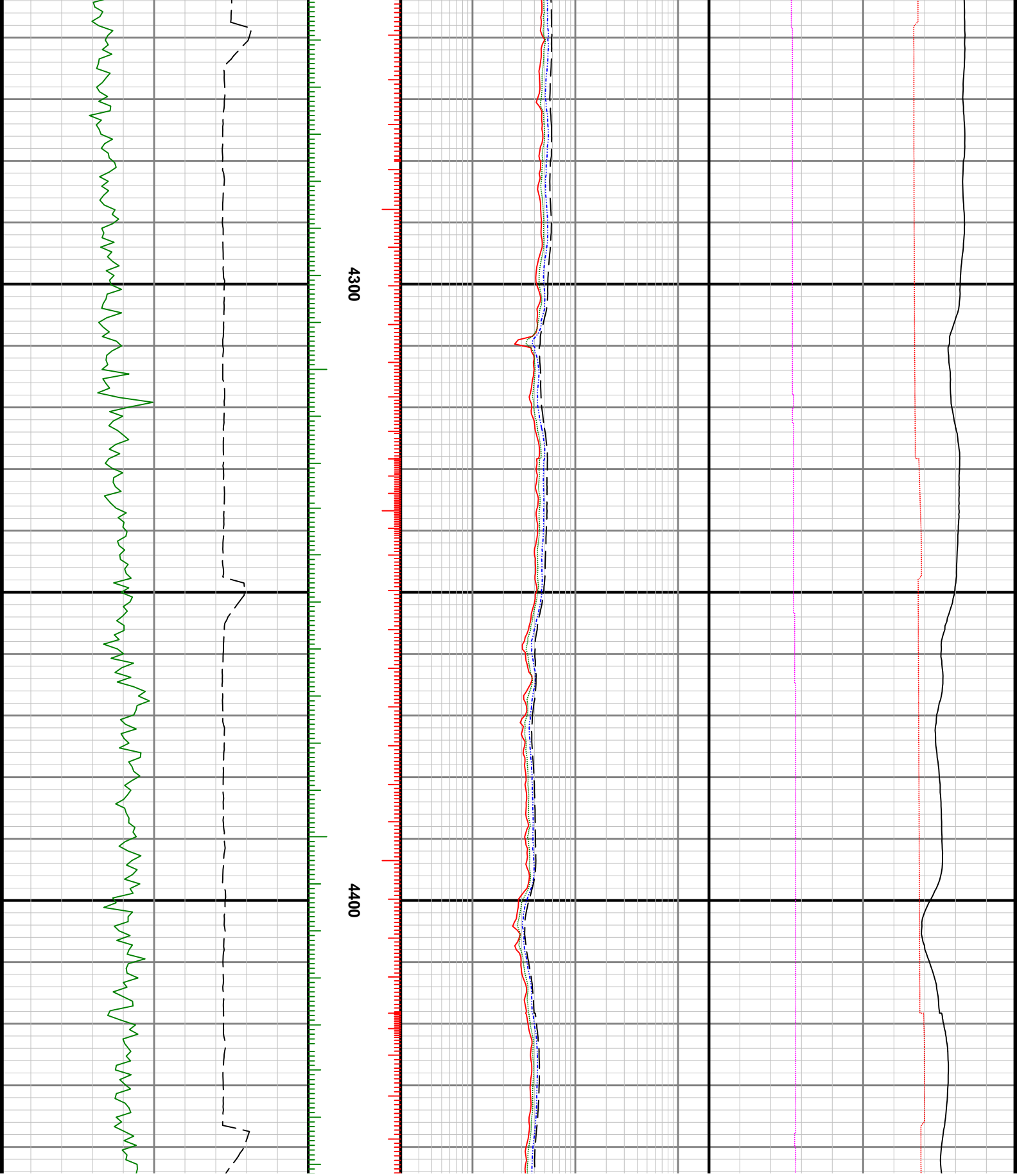


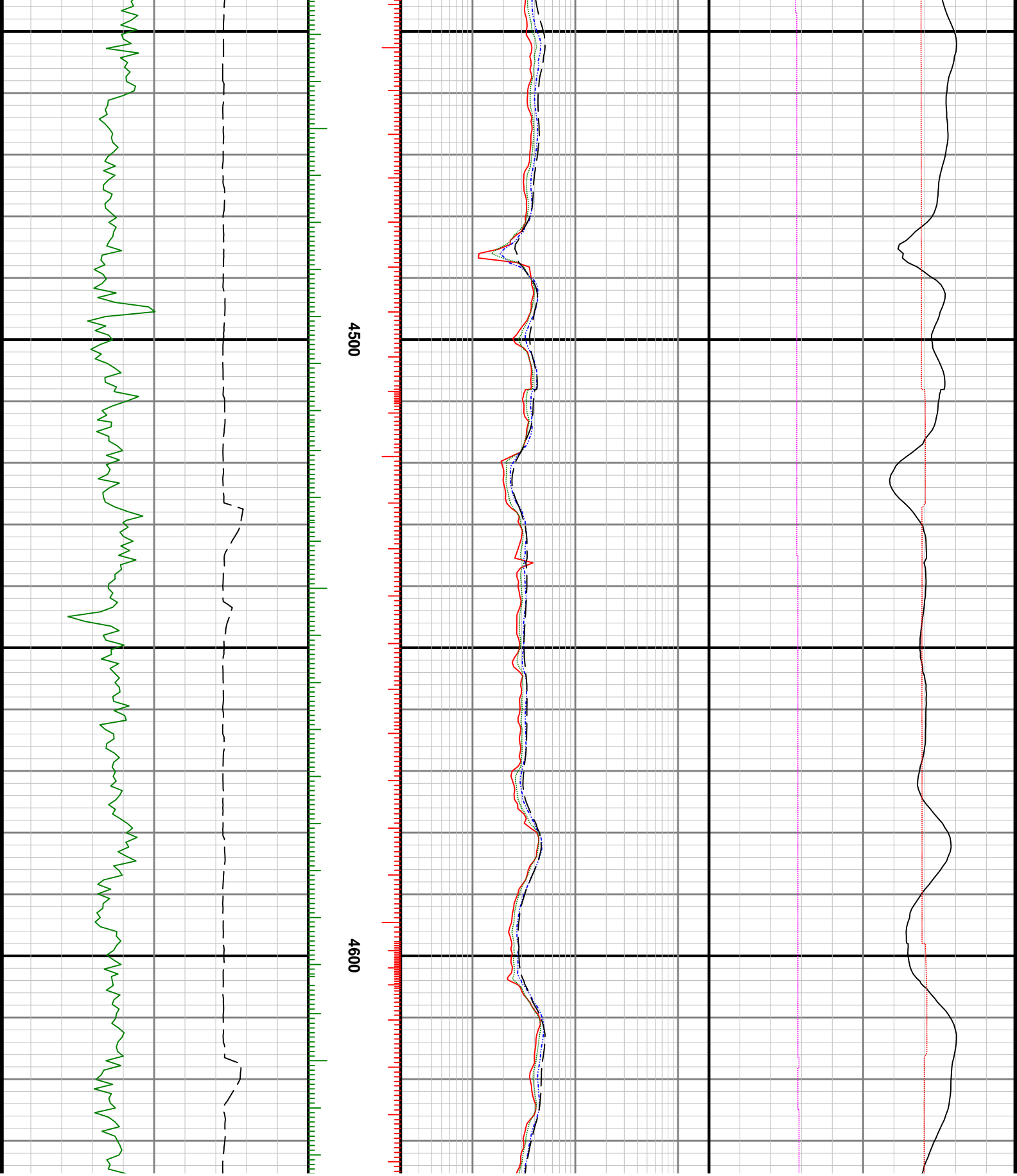


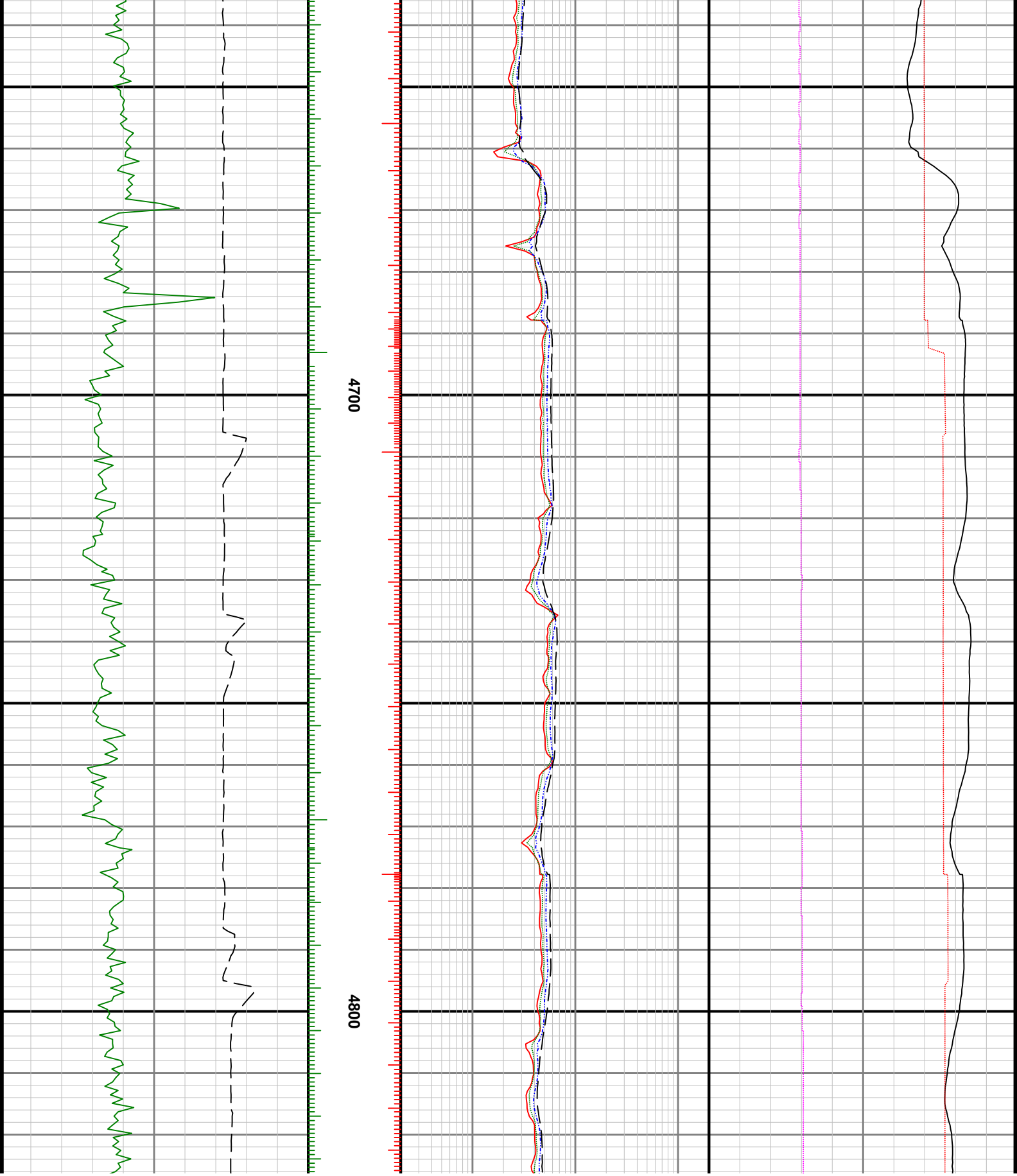


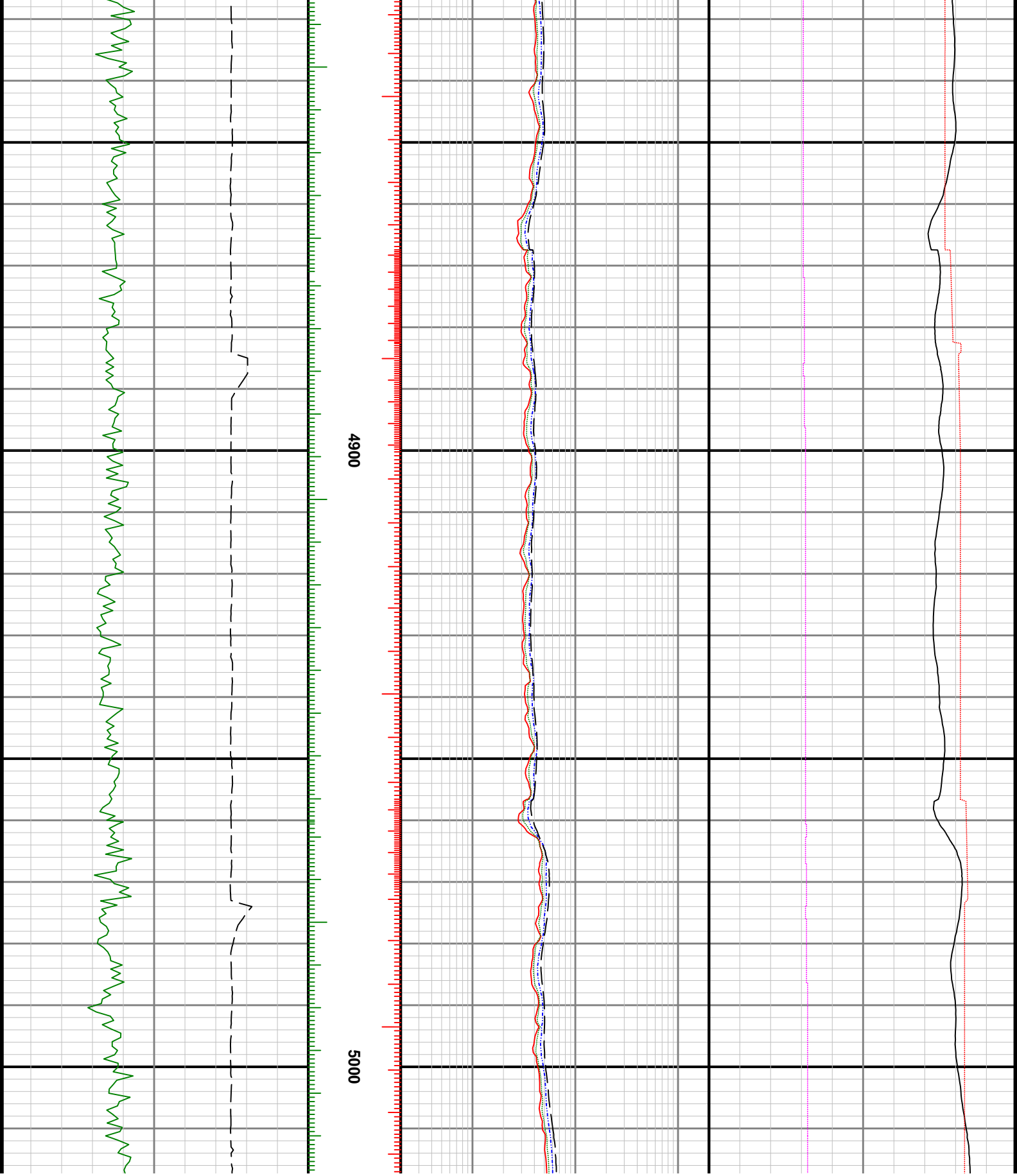


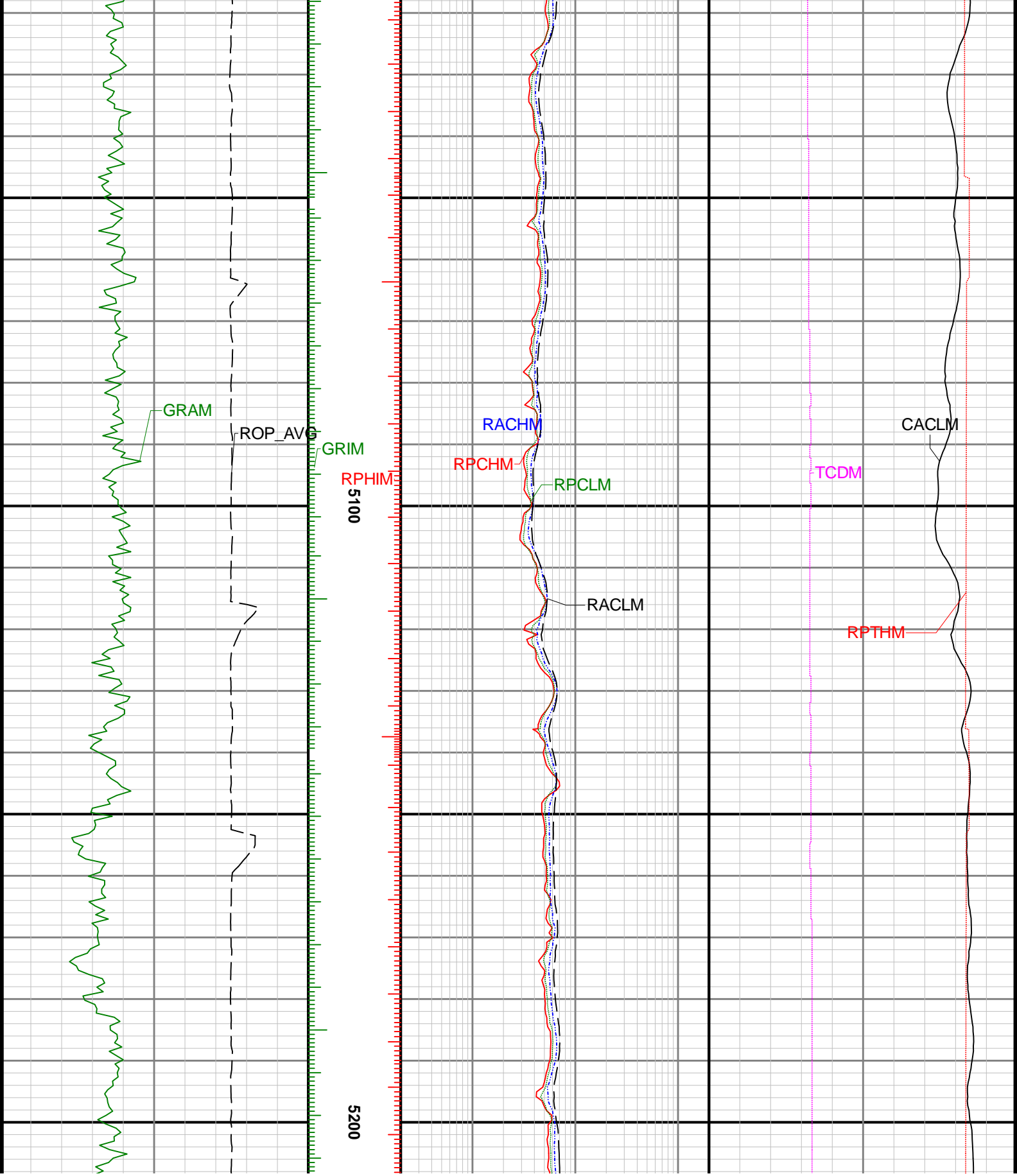


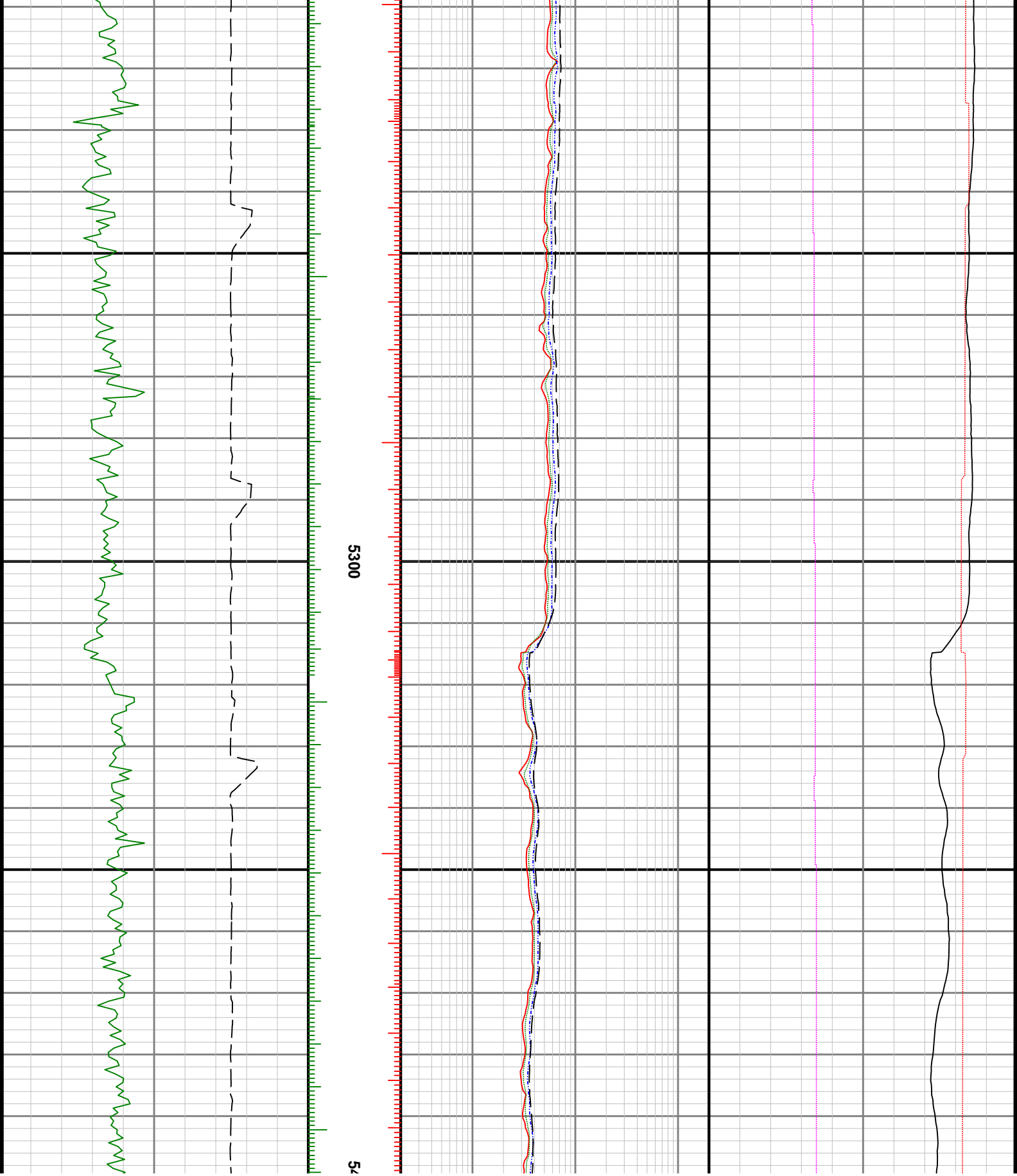


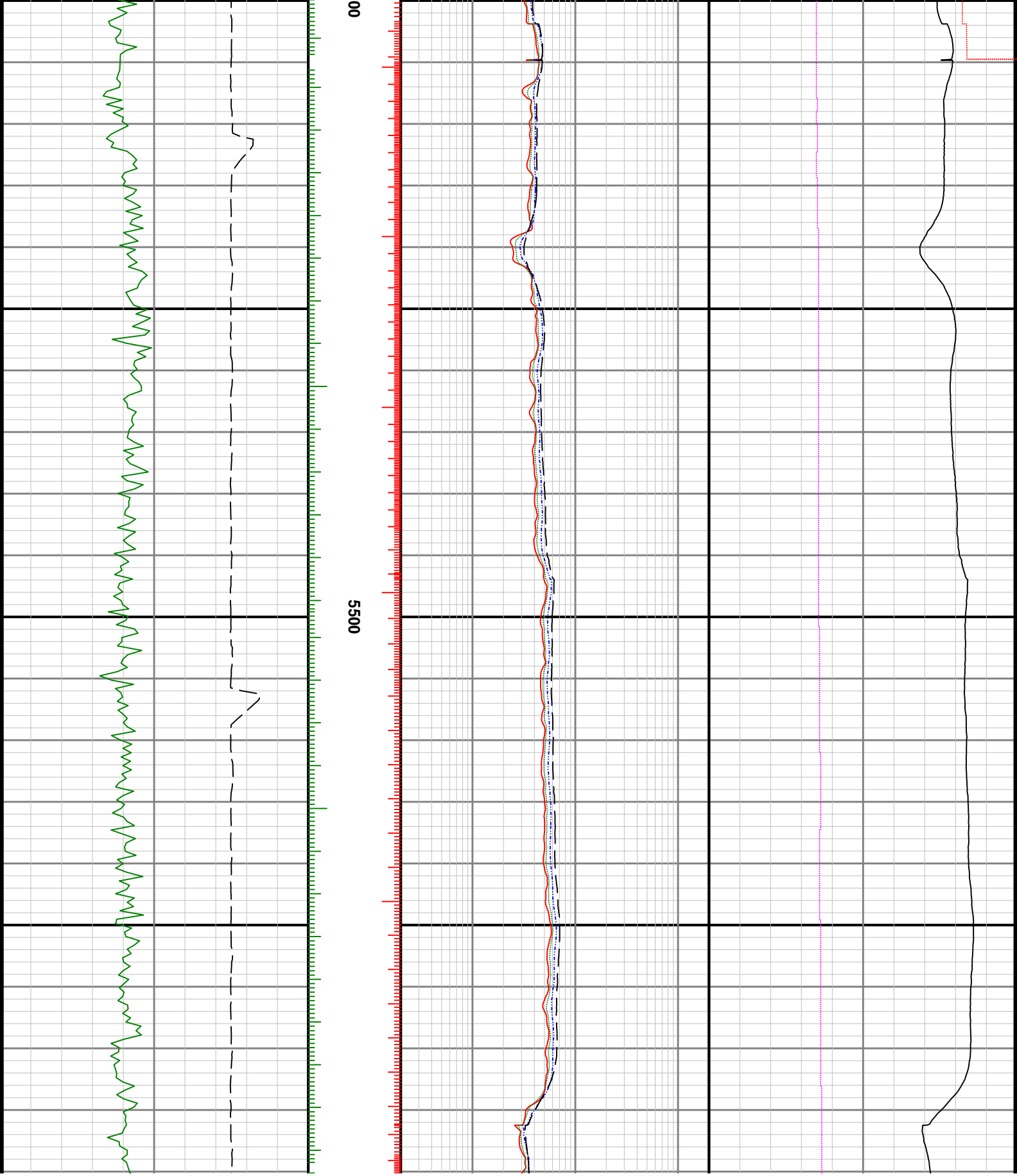


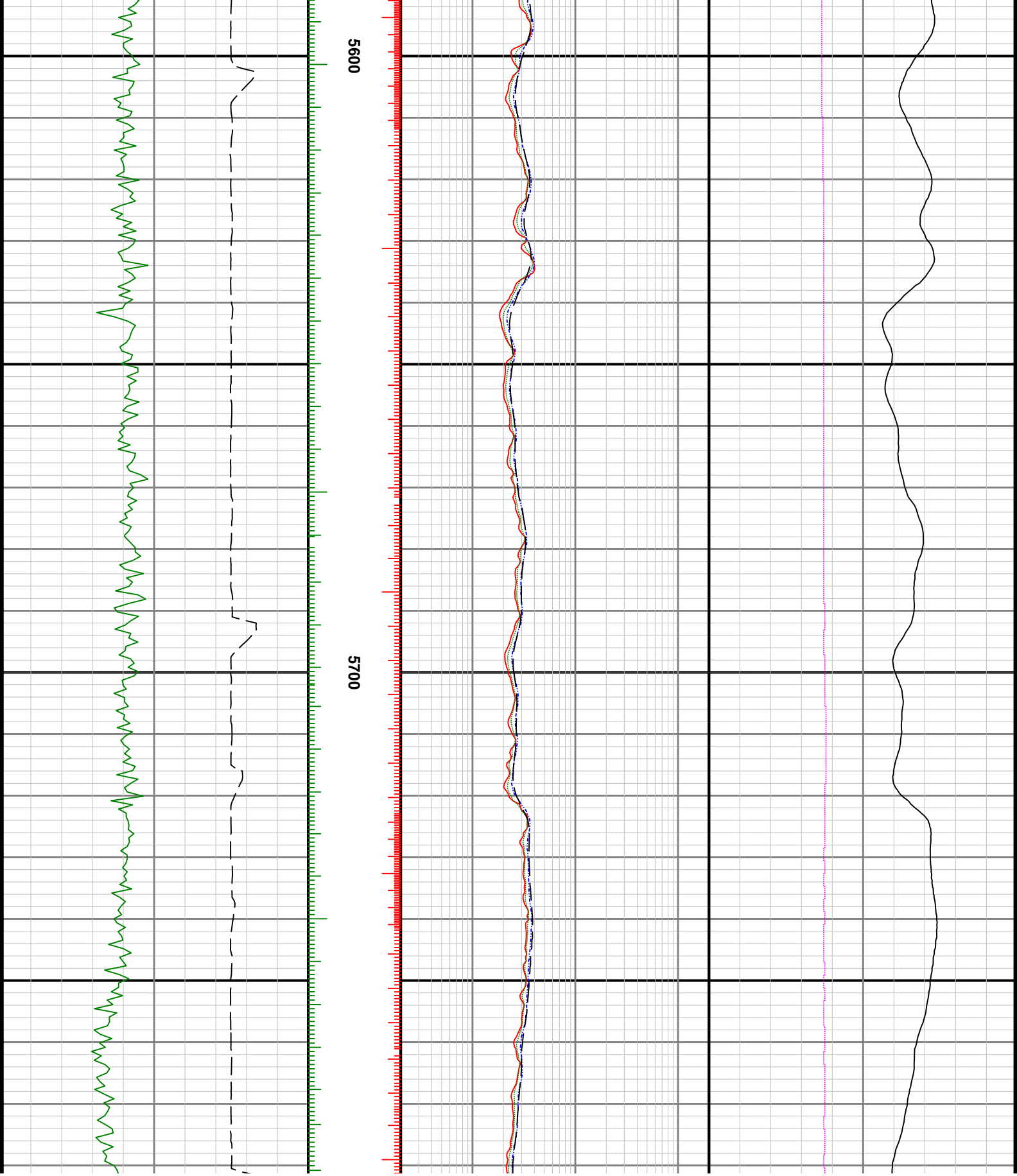


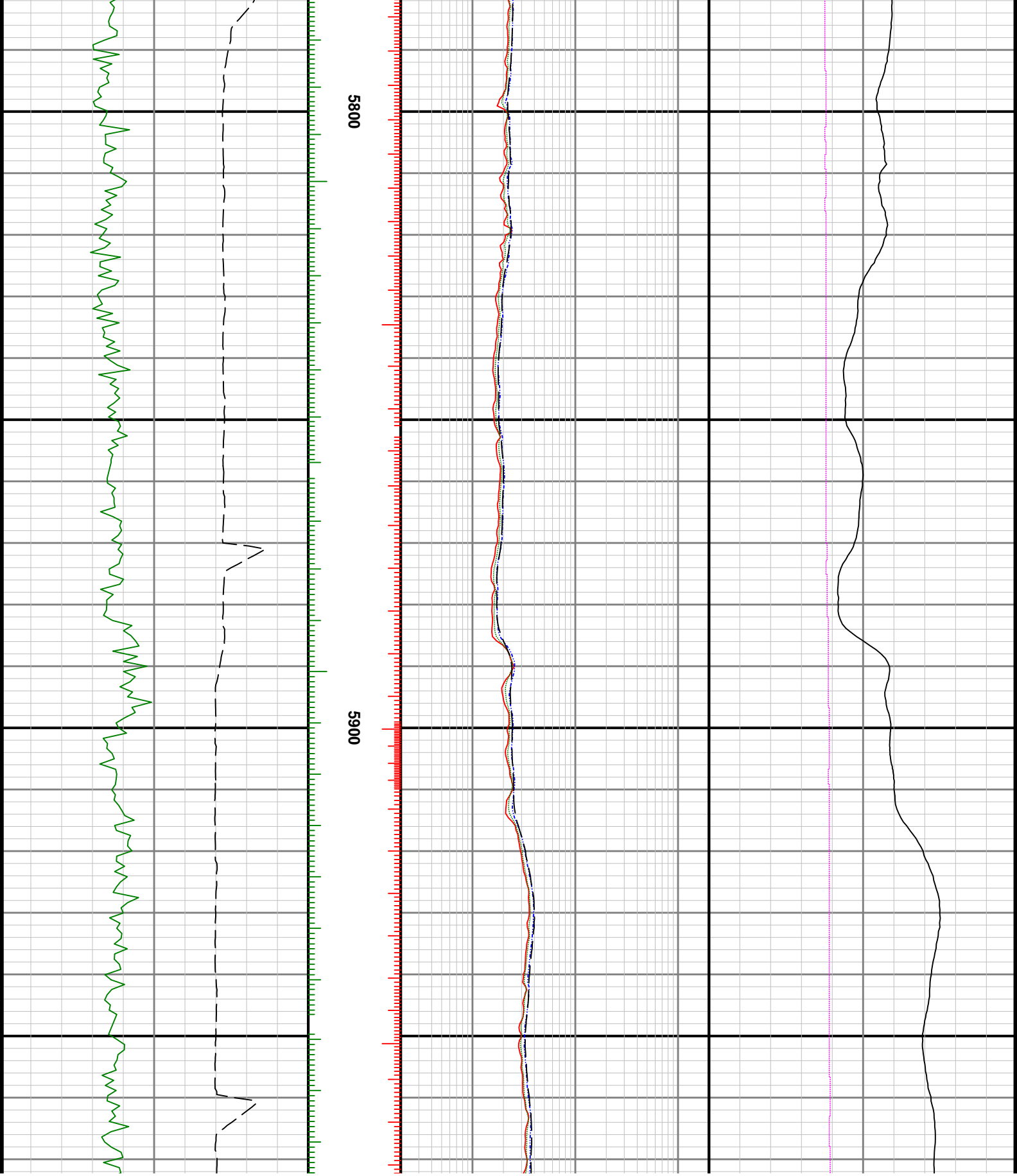


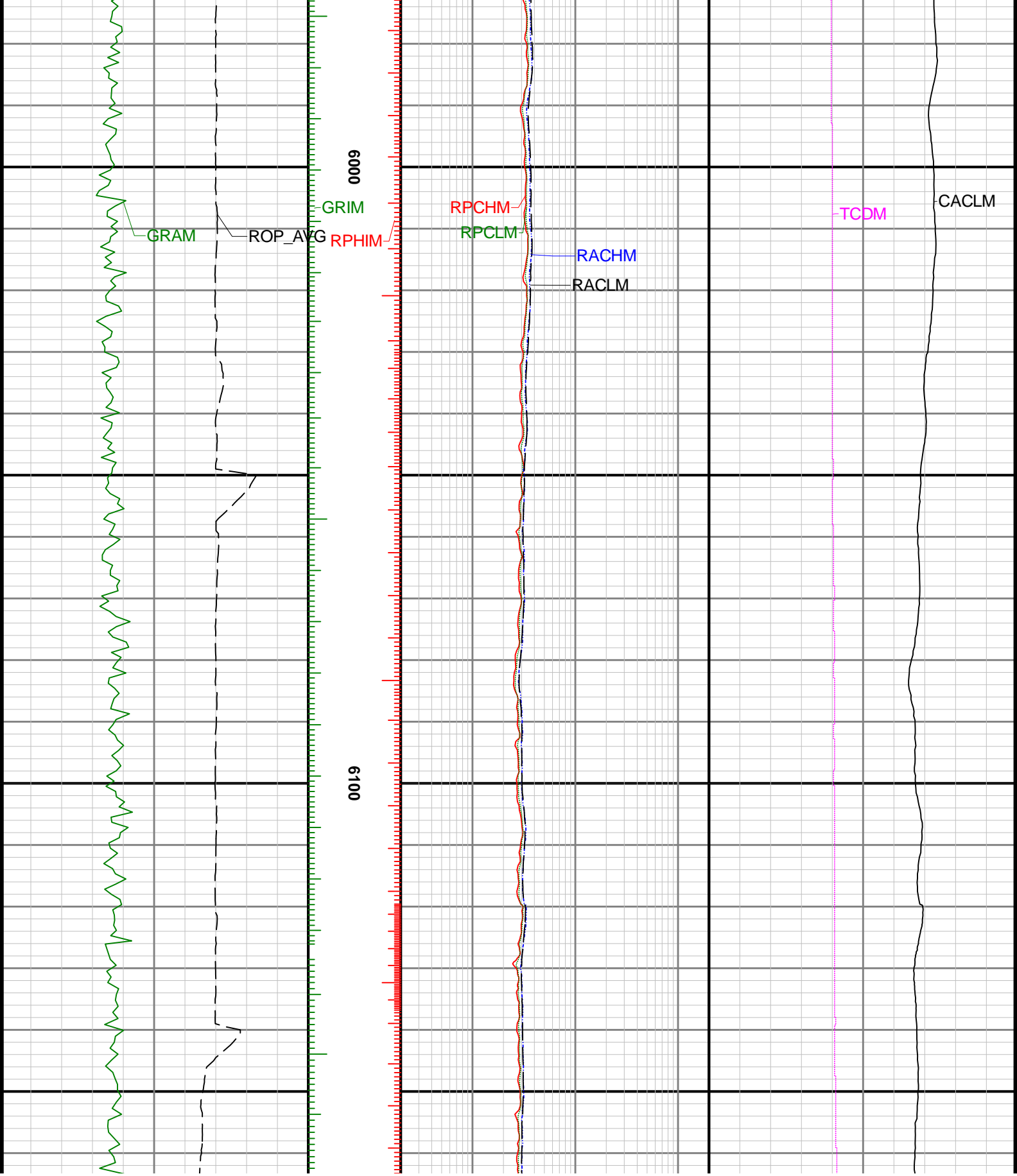


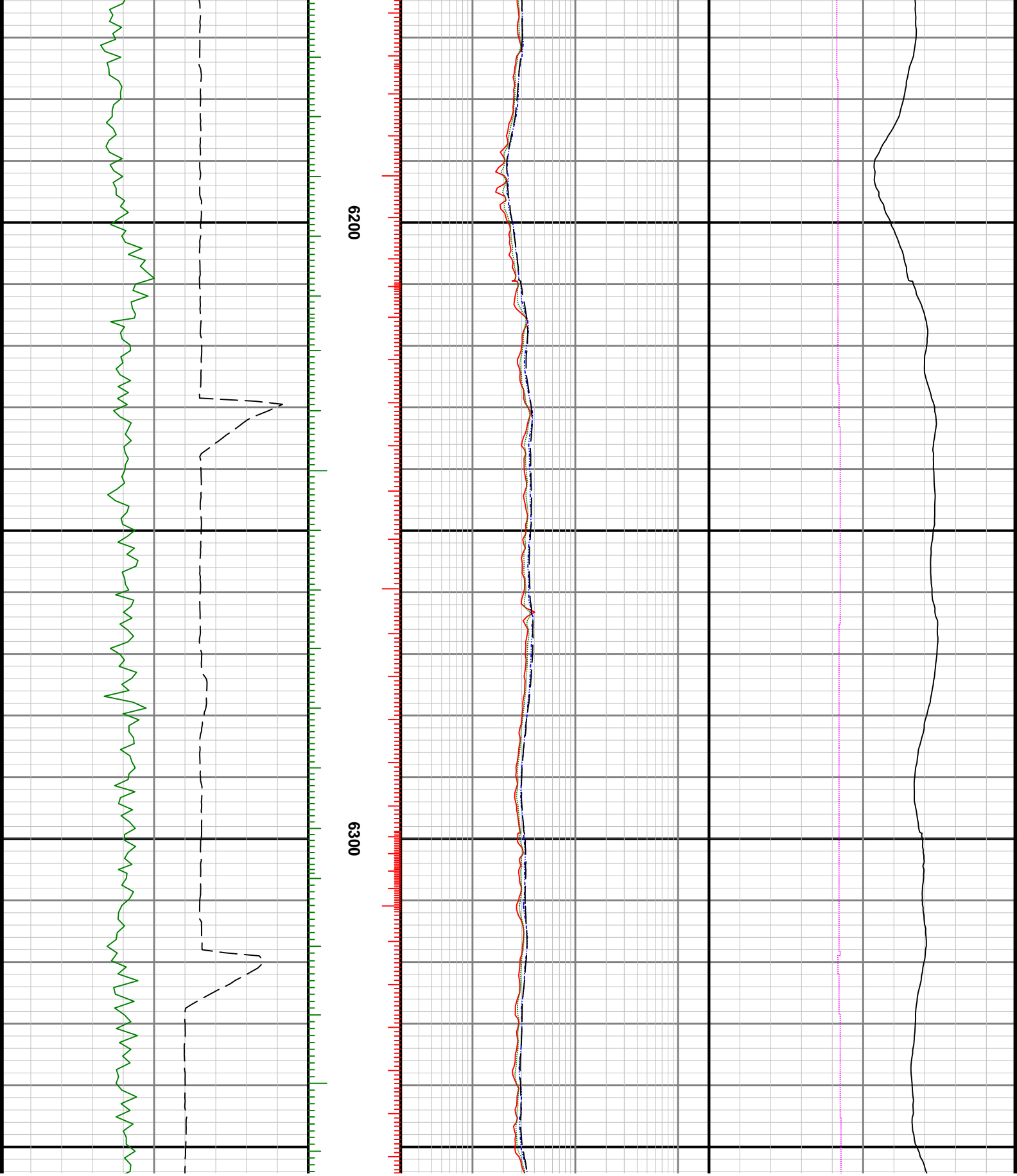


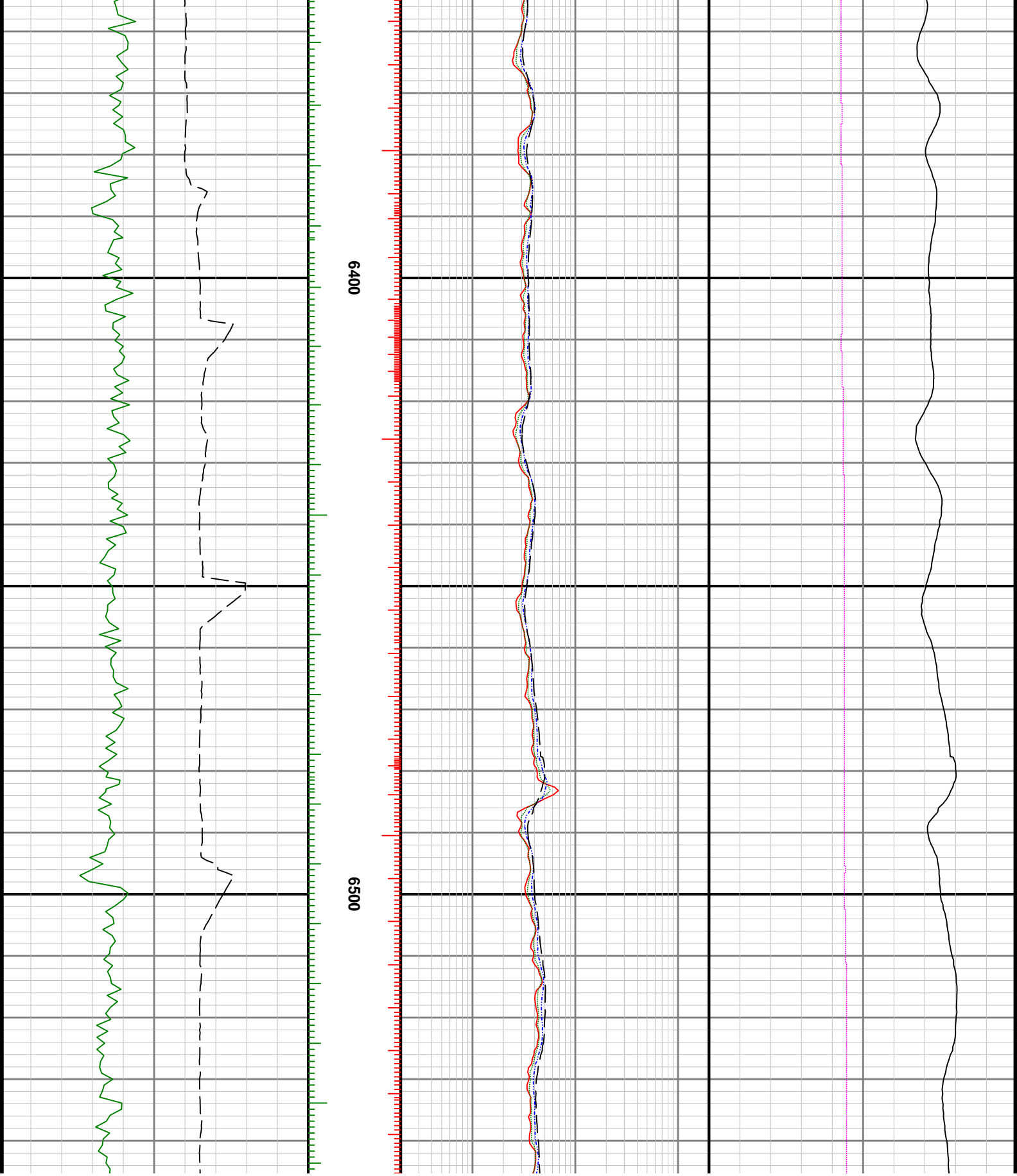


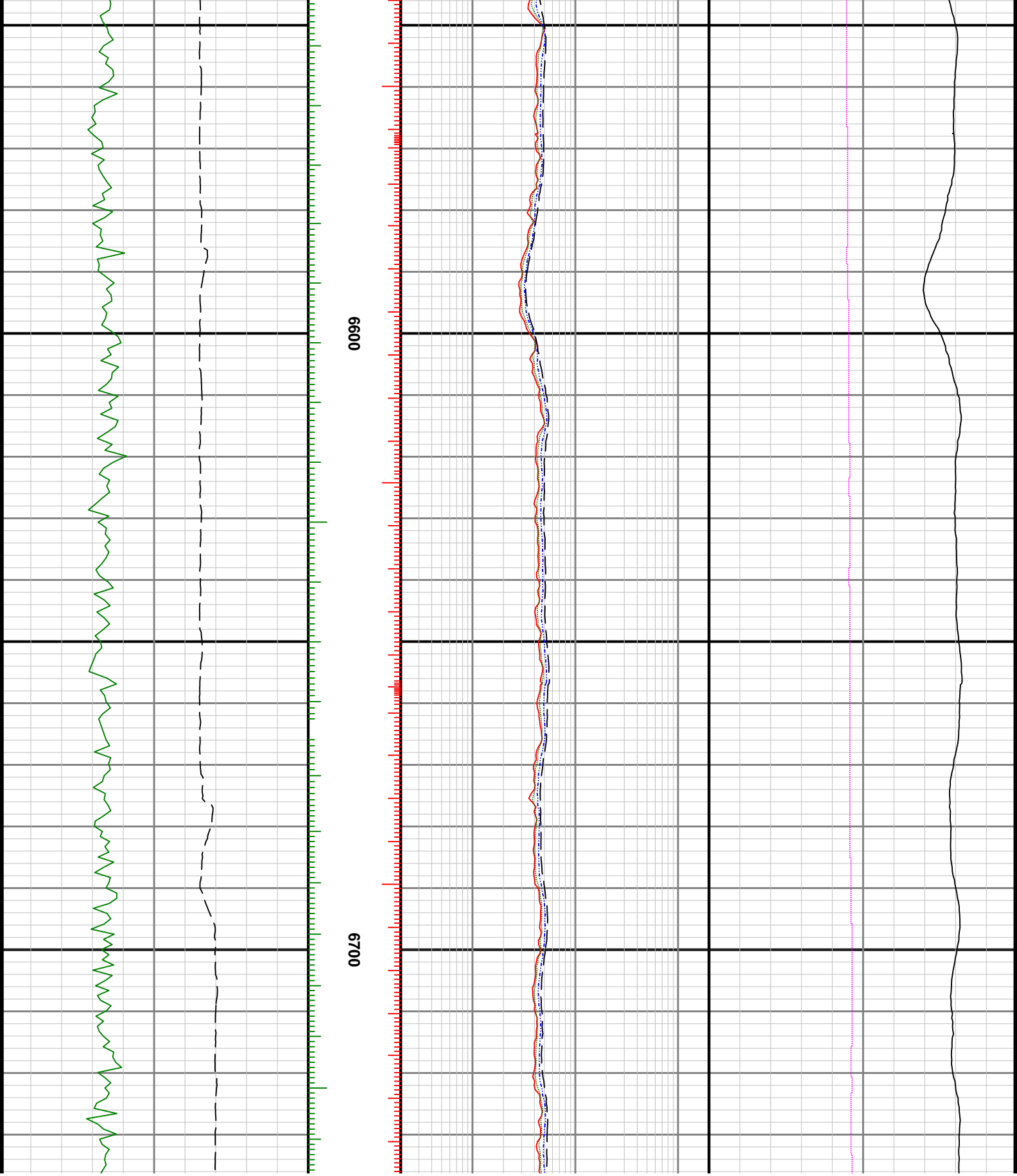


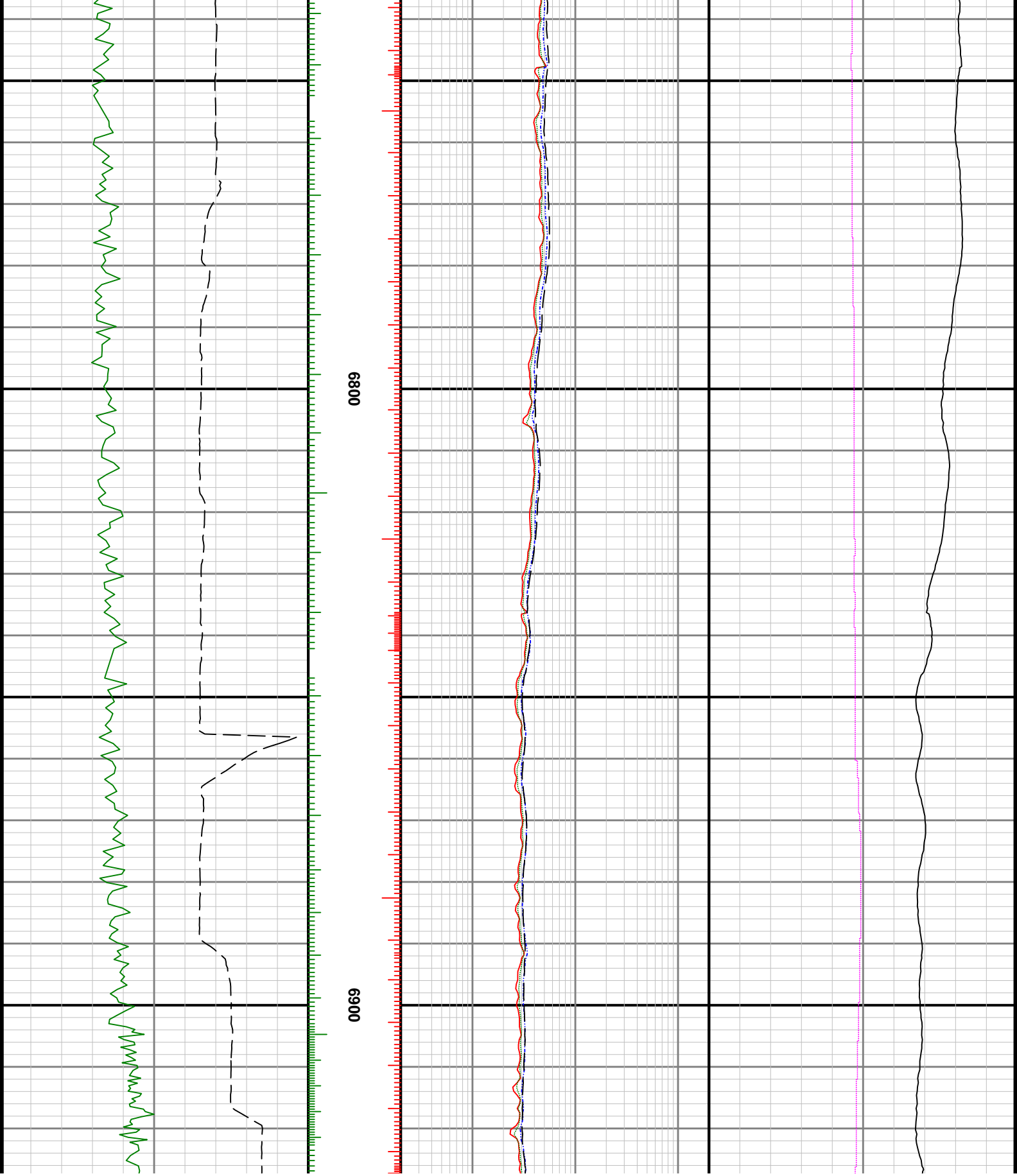


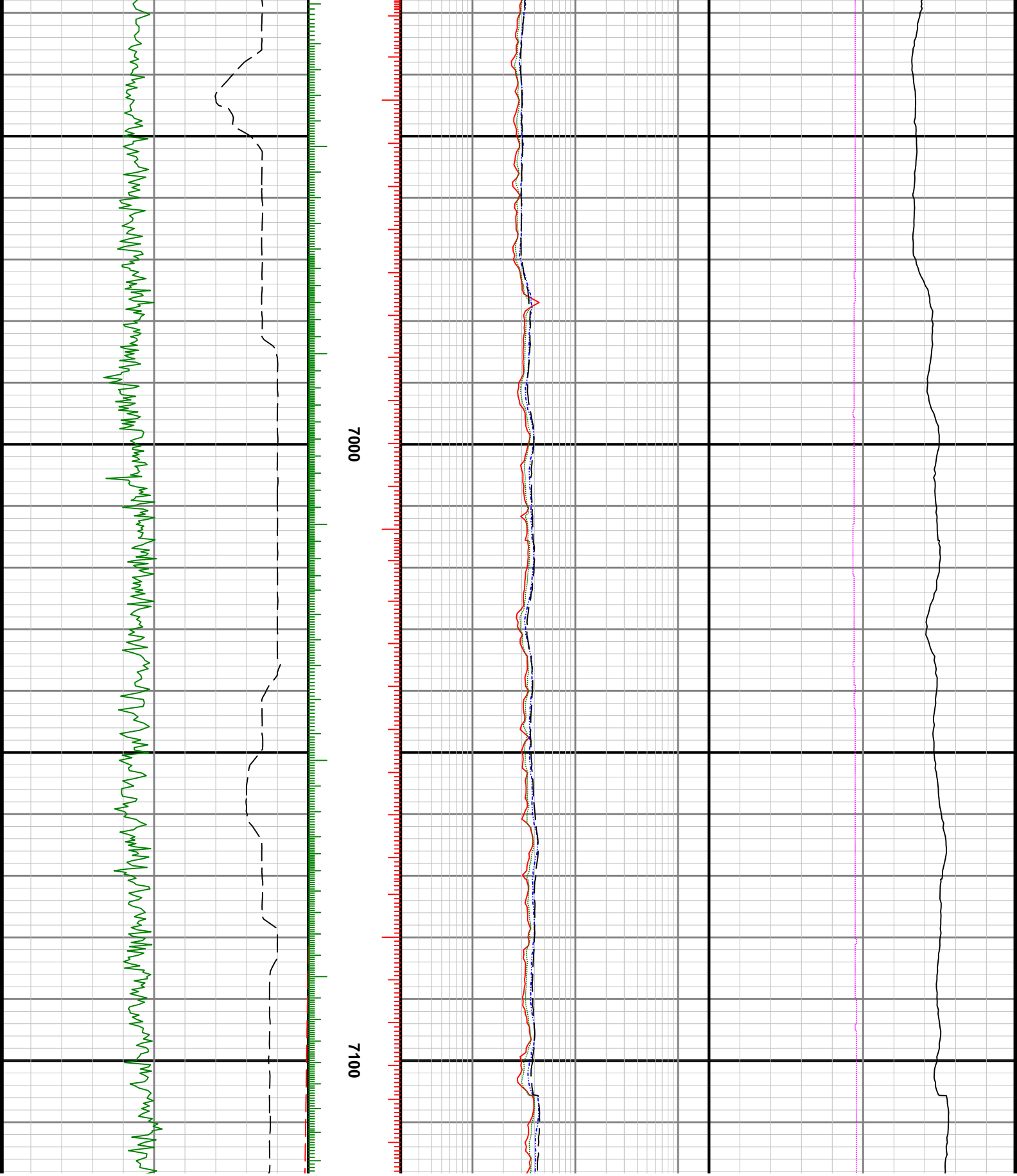


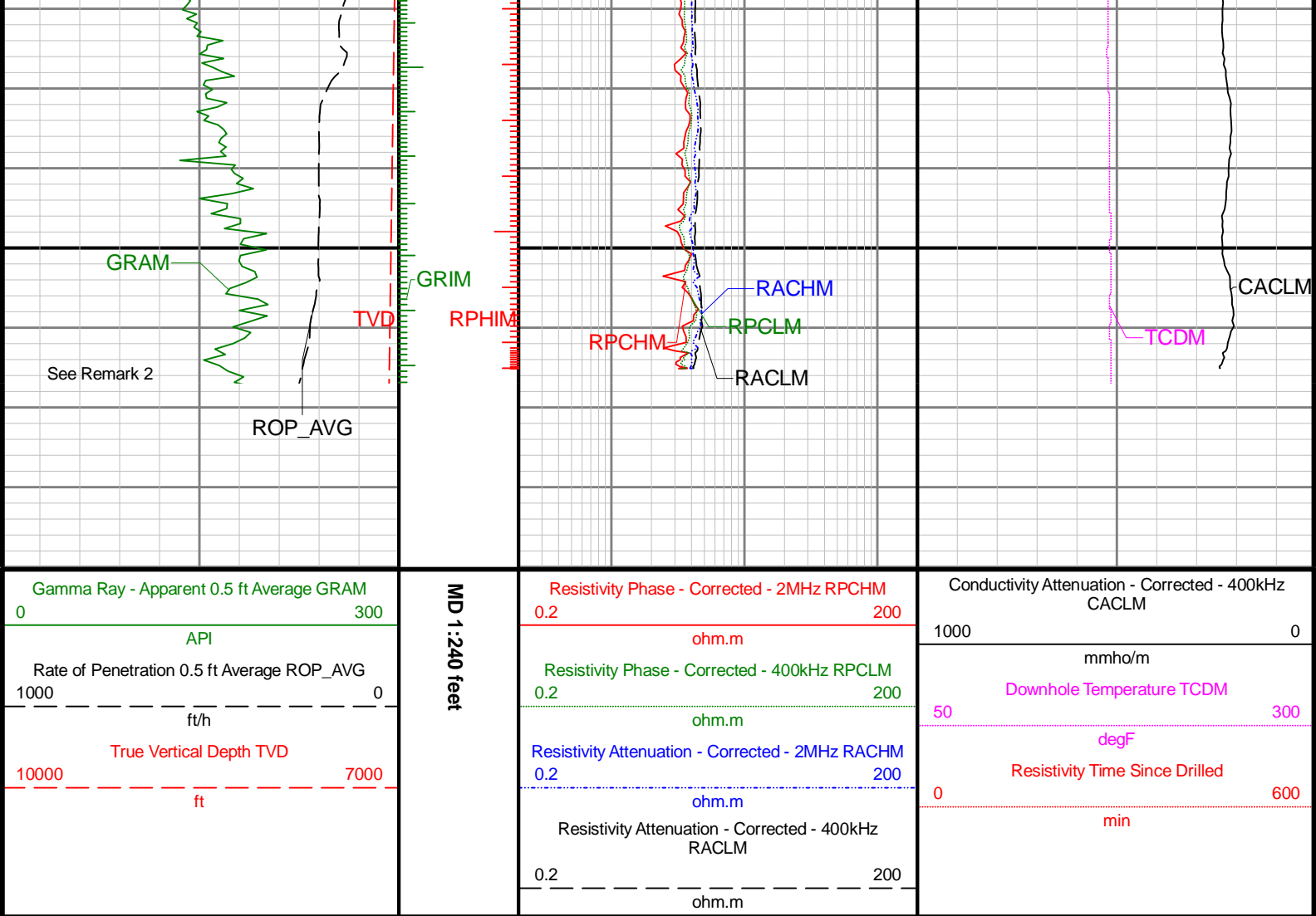












Gamma Ray Pre-run / Post-run Verification

Tool Size:		6.750	Tool Type:		ATC_MWD	Asset No:		12830106	Build No:		N/A
			Sensor #1				Sensor #2				
			Background		Standard		Background		Standard		
			(cps)		Deviation		(cps)		Deviation		
Post-run	Pre-run	Date/Time			0.1 10				N/A N/A		

Gamma Ray Pre-run / Post-run Verification

Tool Size:		6.750	Tool Type:		ATC_MWD	Asset No:		15870626	Build No:		N/A
			Sensor #1				Sensor #2				
			Background		Standard		Background		Standard		
			(cps)		Deviation		(cps)		Deviation		
Post-run	Pre-run	Date/Time			0.1				N/A		
					10				N/A		