



LITHO DENSITY SIDEWALL NEUTRON MICROLOG

Company	LAWCO HOLDINGS, LLC.	Company	LAWCO HOLDINGS, LLC.
Well	WALKER # 1-31	Well	WALKER # 1-31
Field	WILDCAT	Field	WILDCAT
County	COWLEY	County	COWLEY
State	KANSAS	State	KANSAS
Location:		API # : 15-035-24644-0000	Other Services
SEC 31 TWP 34S RGE 7E		SE/4	DIL, SONIC
Permanent Datum	GL	Elevation	1290'
Log Measured From	GL		
Drilling Measured From	GL		
Date	10-24-2015		
Run Number	ONE		
Depth Driller	3495'		
Depth Logger	3494'		
Bottom Logged Interval	3492'		
Top Log Interval	SURFACE		
Casing Driller	8 5/8" @ 316'		
Casing Logger	8 5/8" @ 316'		
Bit Size	7 7/8"		
Type Fluid in Hole	MUD		
Density / Viscosity	9.0 / 70		
pH / Fluid Loss	9.1 / 11.0		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	2.10 @ 83		
Rmt @ Meas. Temp	1.68 @ 83		
Rmc @ Meas. Temp	2.52 @ 83		
Source of Rmf / Rmc	CAL		
Rm @ BHT	1.61 @ 108		
Time Circulation Stopped	3:45 PM		
Time Logger on Bottom	6:15 PM		
Maximum Recorded Temperature	108		
Equipment Number	OW2		
Location	HOMINY, OK		
Recorded By	LOWERY	MR. KIDD	
Witnessed By	MR. MACKAY		

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

OW2-8875
MATRIX LIMESTONE 2.71 G/CC
ABHV COMPUTED WITH 5 1/2" CASING

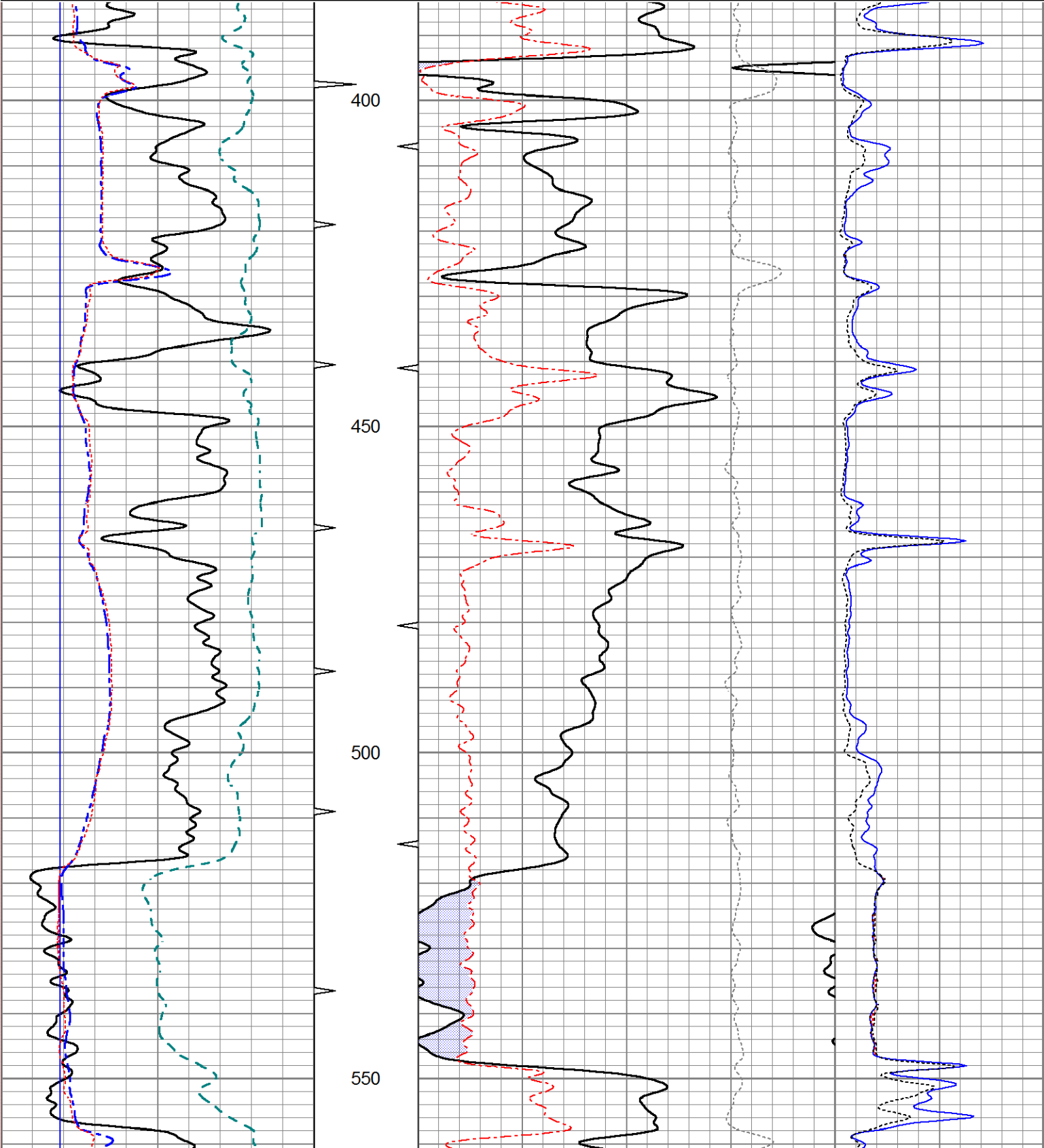
CREW : M. KIDD, LUNN

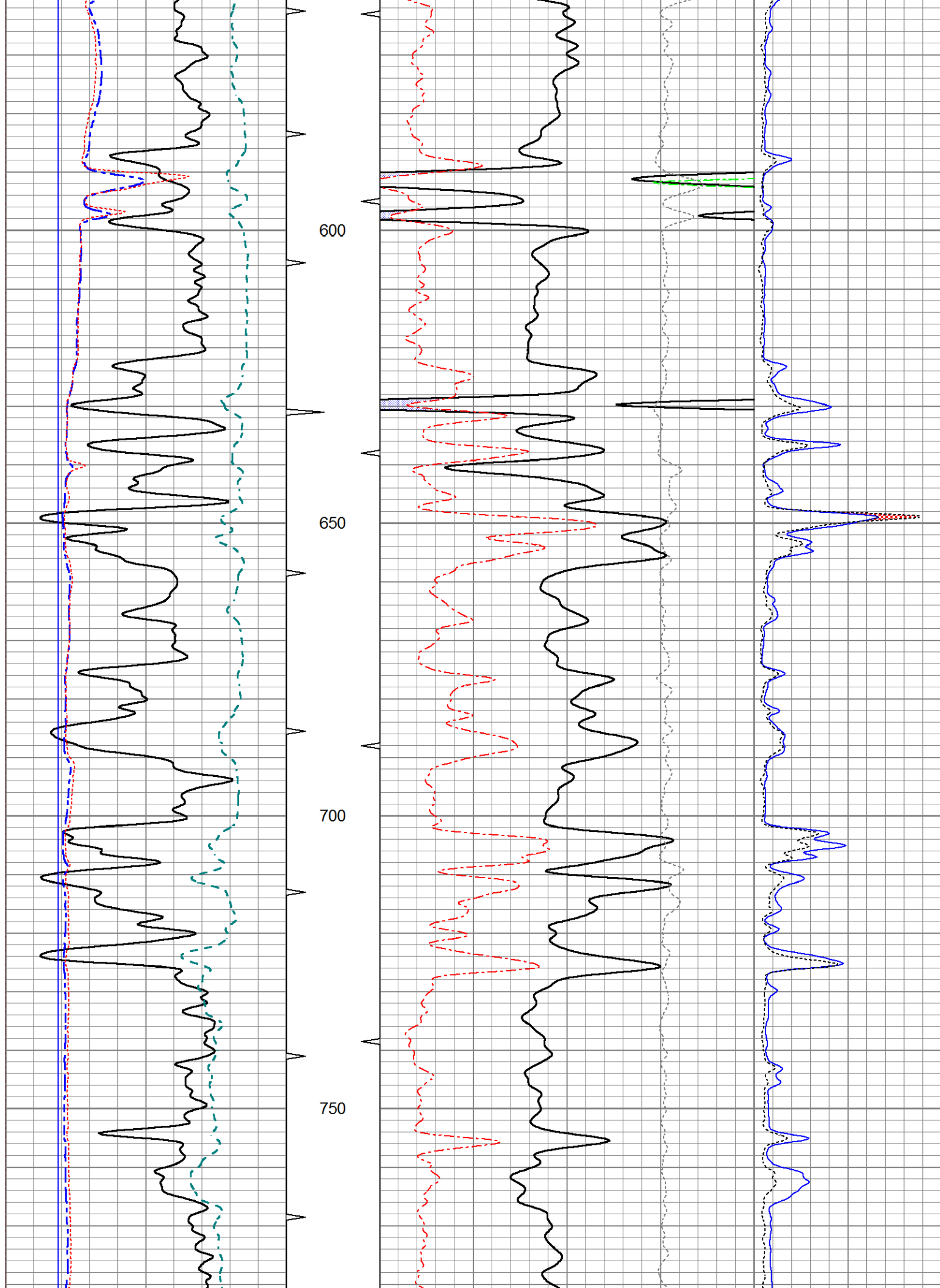


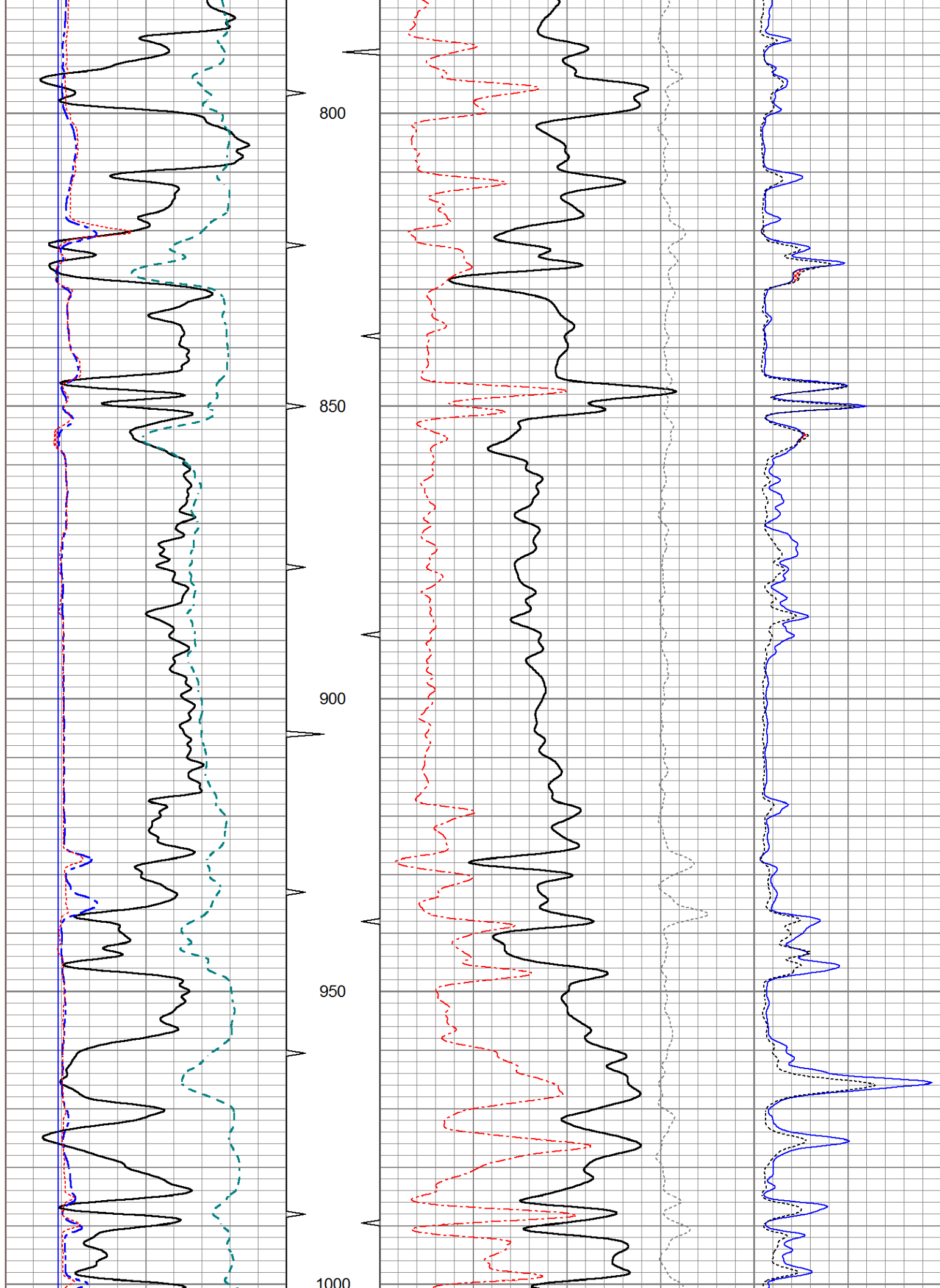
5" LDT/SWN MICROLOG

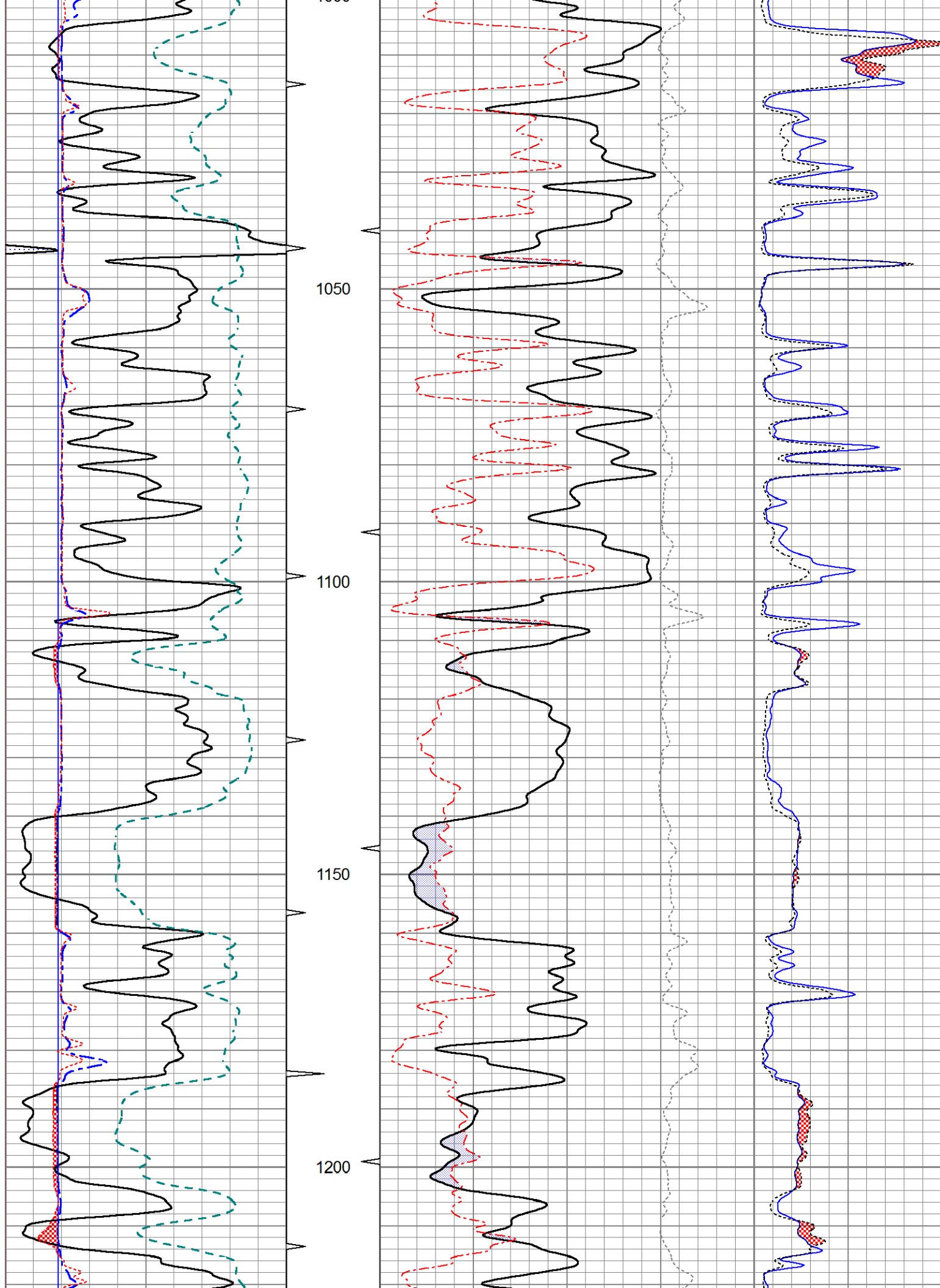
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Dataset Pathname	LDTM/merge3		
Presentation Format	lithm		
Dataset Creation	Sat Oct 24 22:04:55 2015		
Charted by	Depth in Feet scaled 1:240		

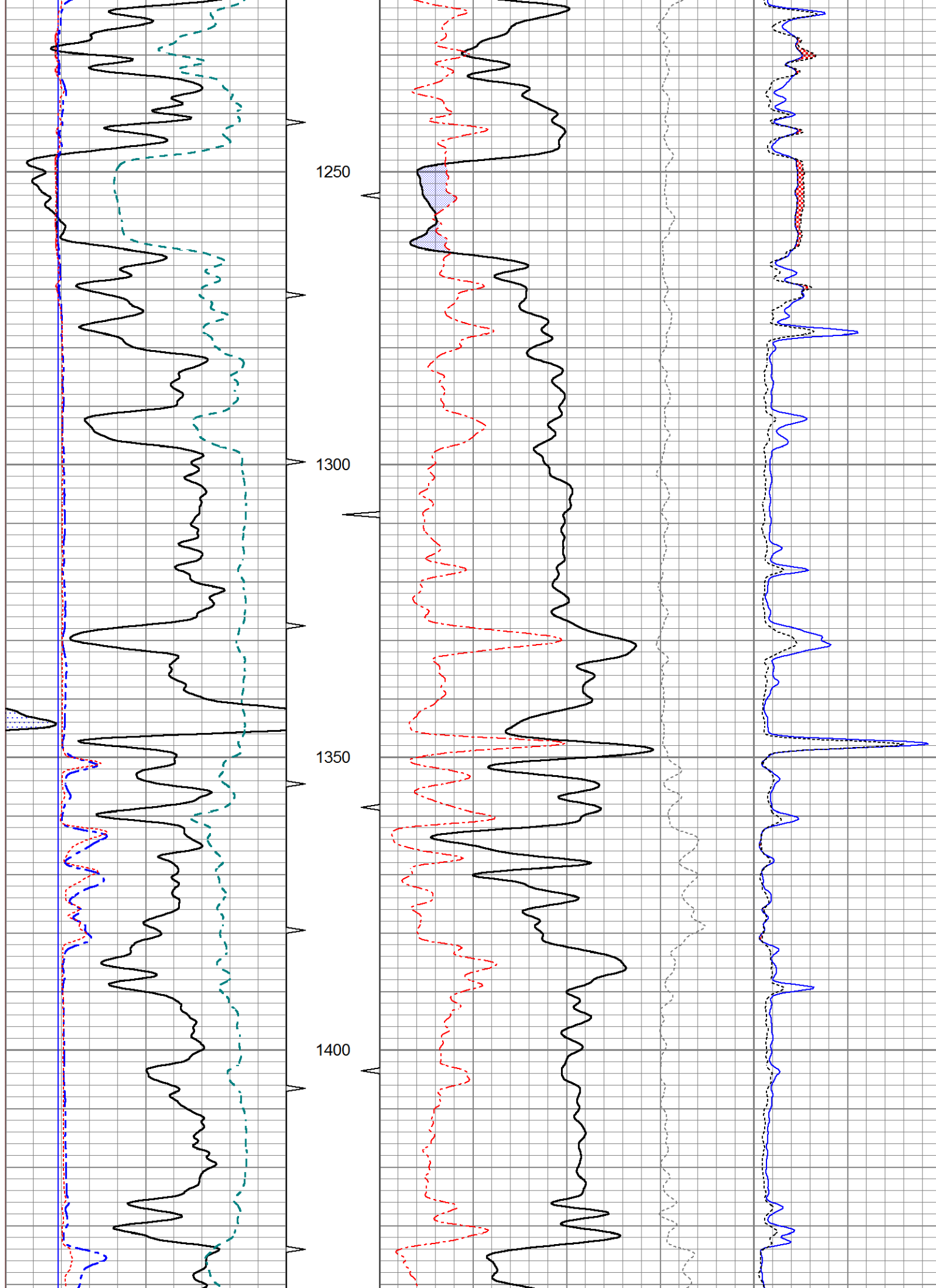
0	Gamma Ray (GAPI)	150	TBHV	30	Density Porosity (pu)	-10	Micro Inverse	
6	Bit size (in)	16	ABHV	30	Neutron Porosity (pu)	-10	0	(Ohm-m) 40
6	Density Caliper (in)	16					Micro Normal	
6	Micro Caliper (in)	16					(Ohm-m) 40	
-20	SP (mV)	200						

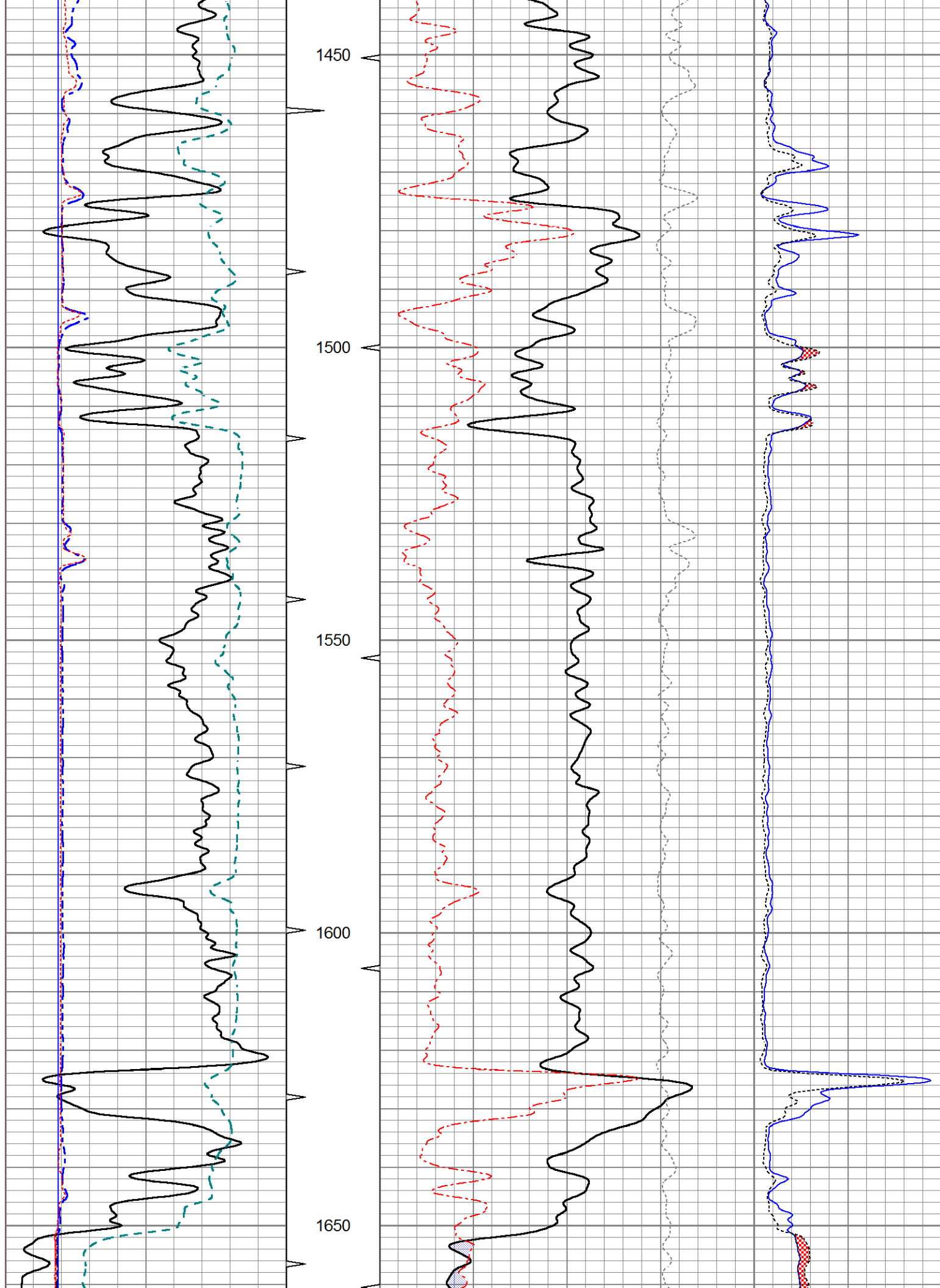


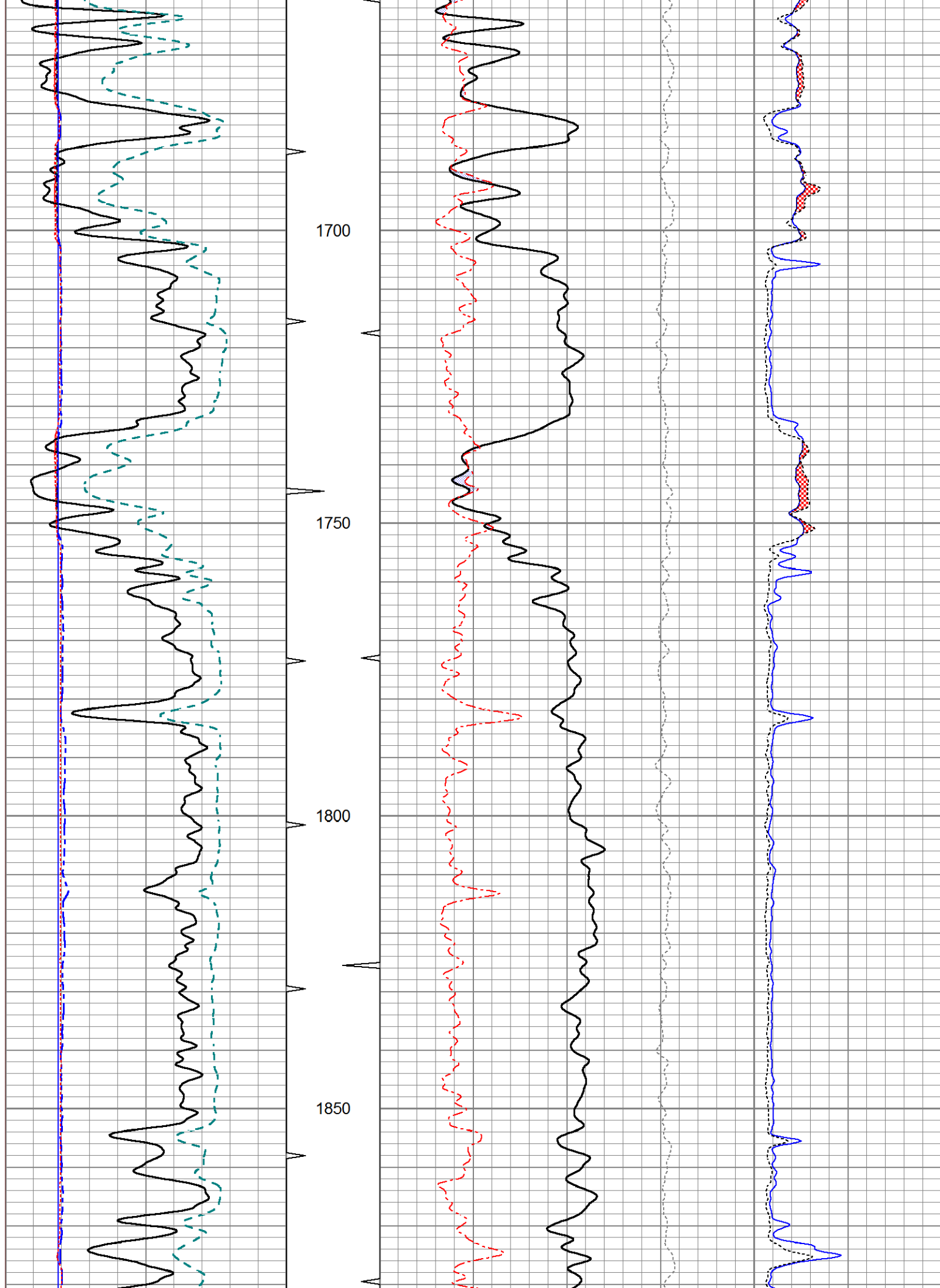


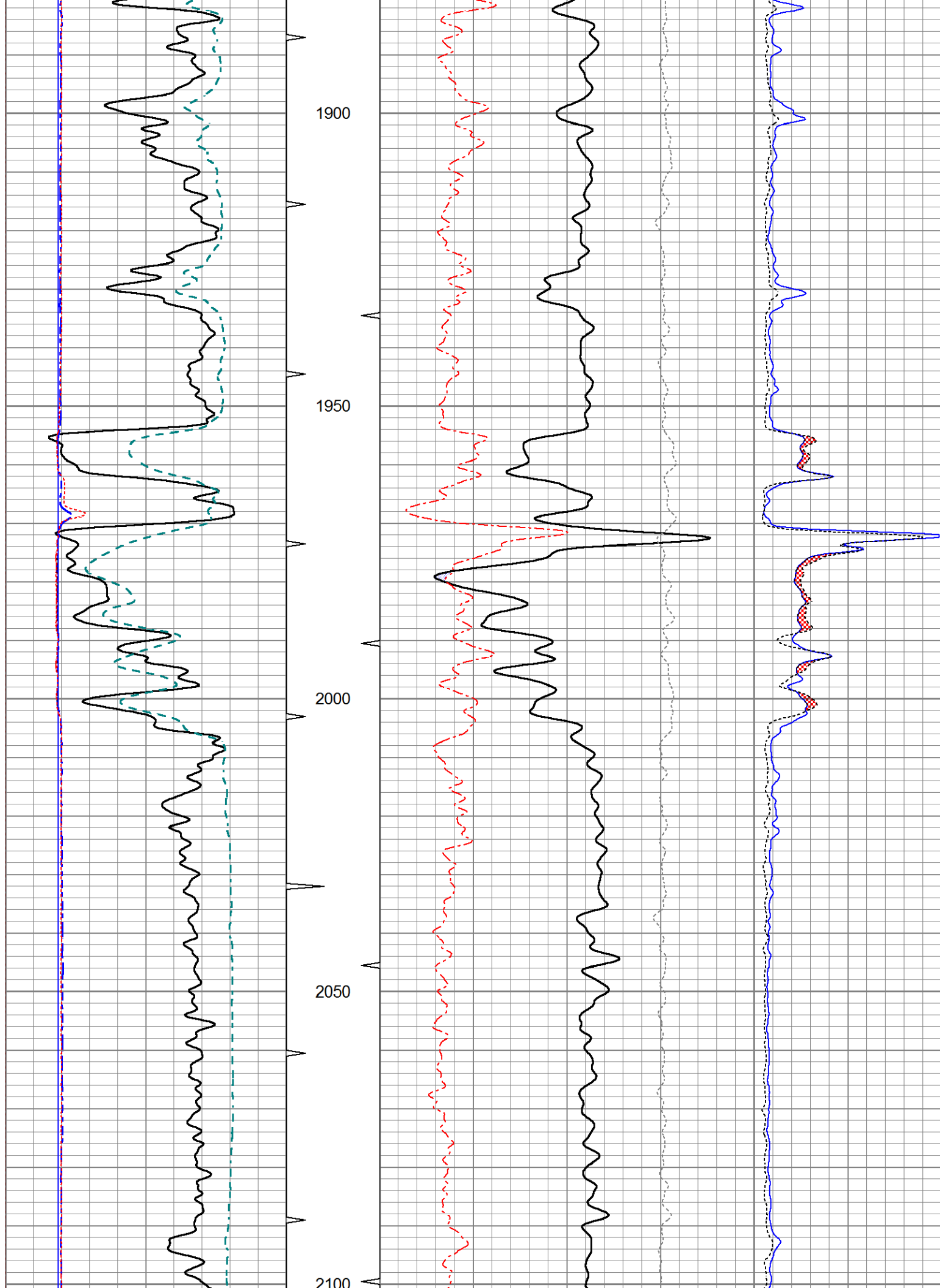


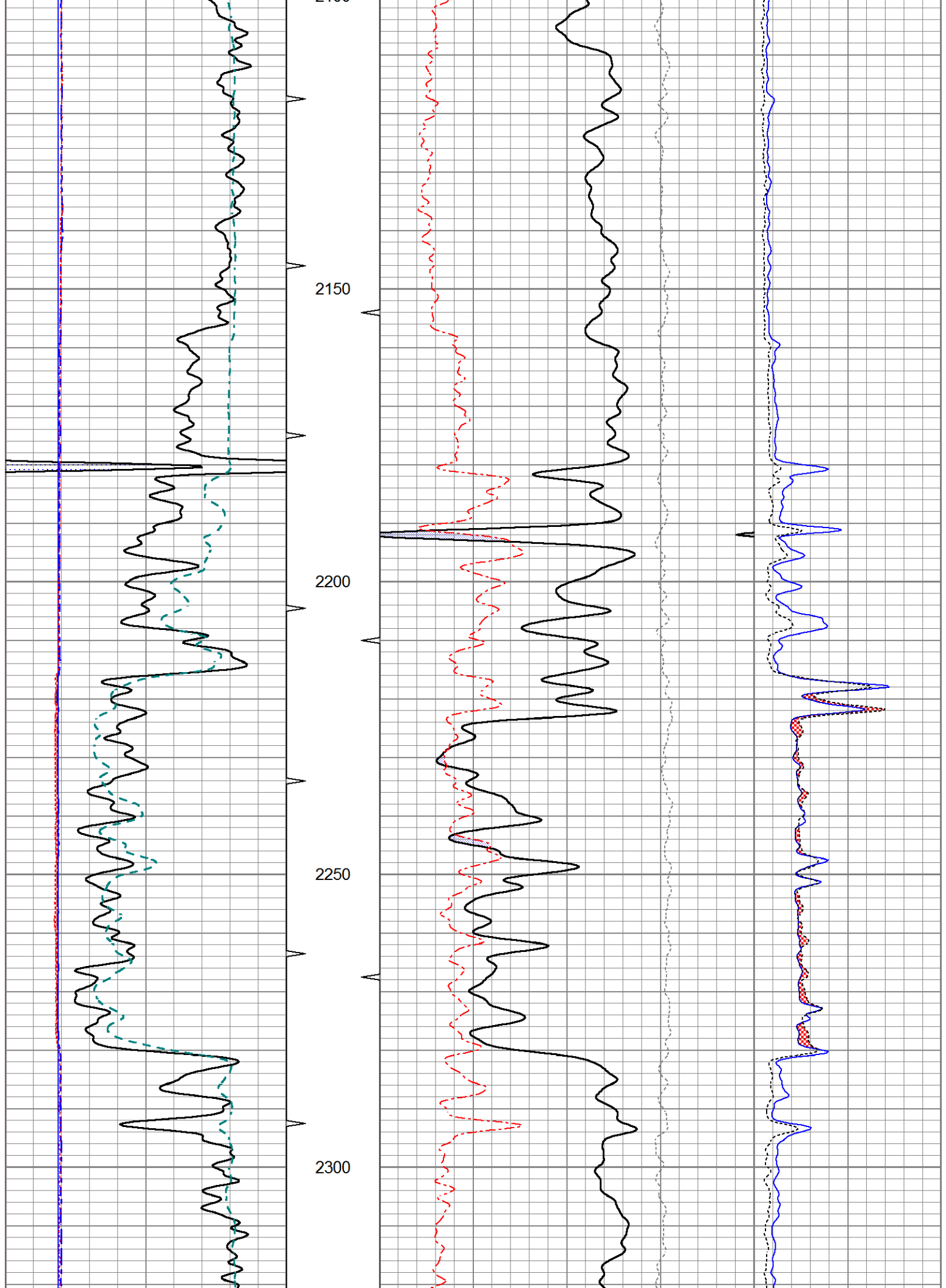


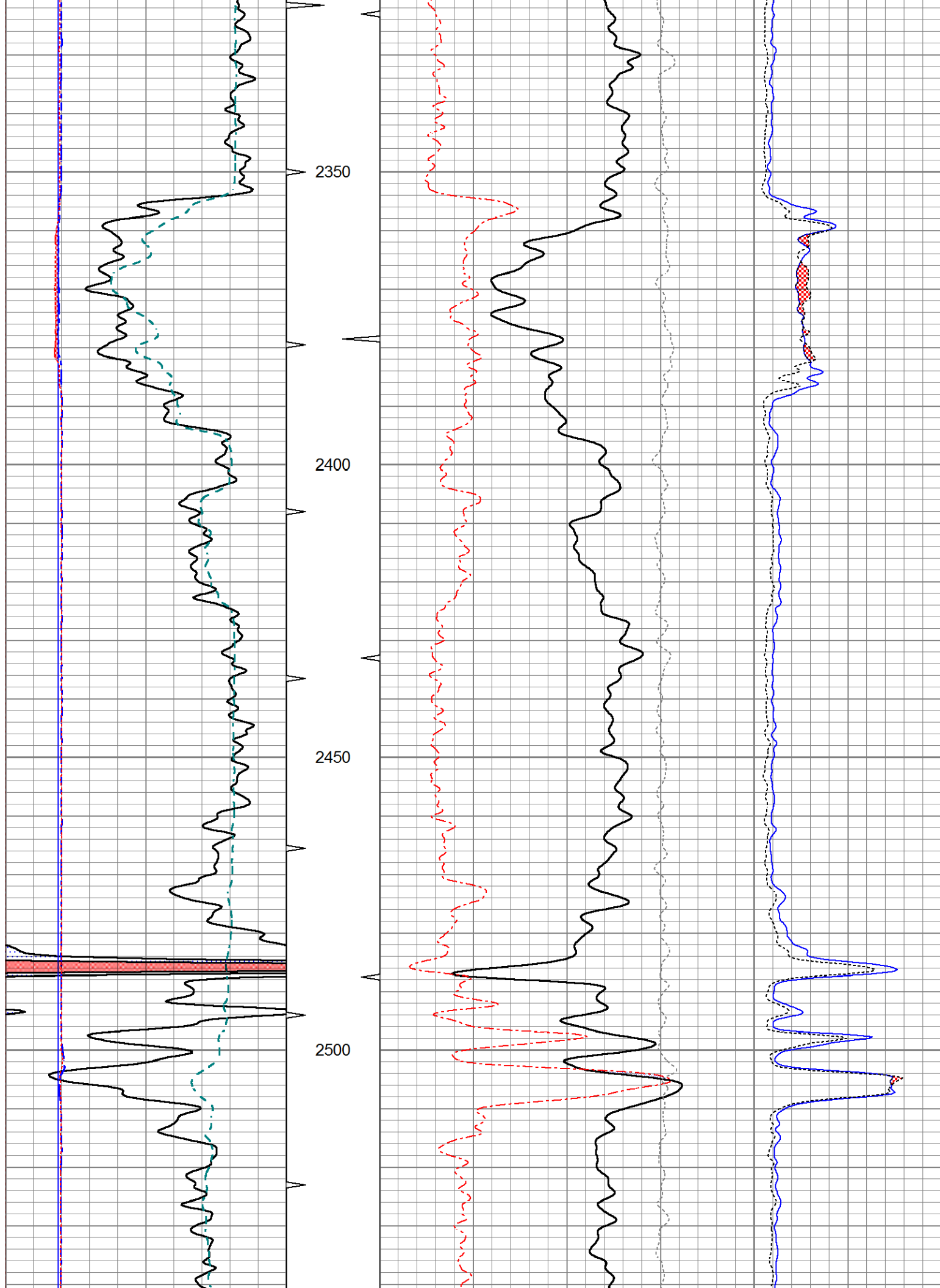


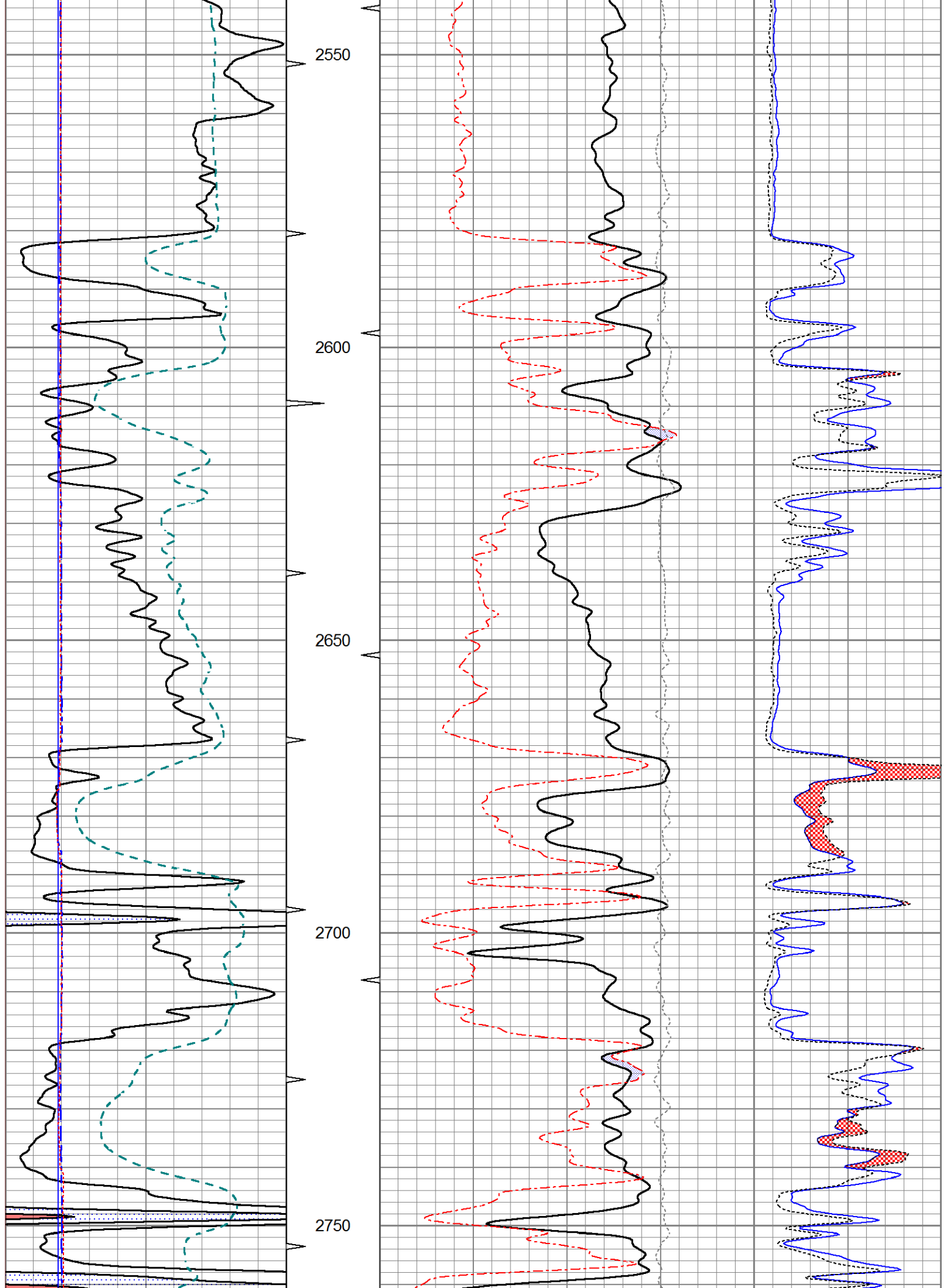


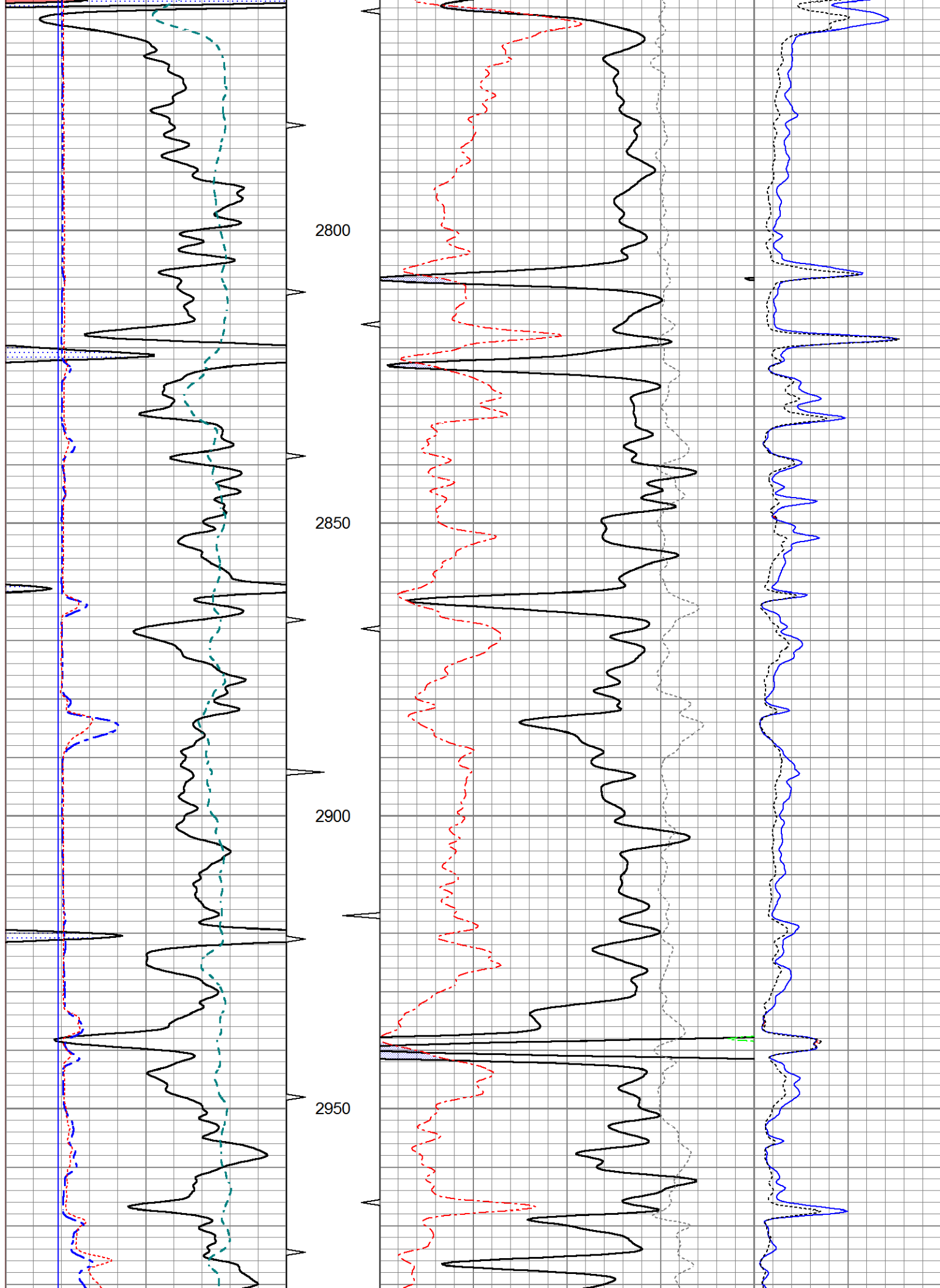


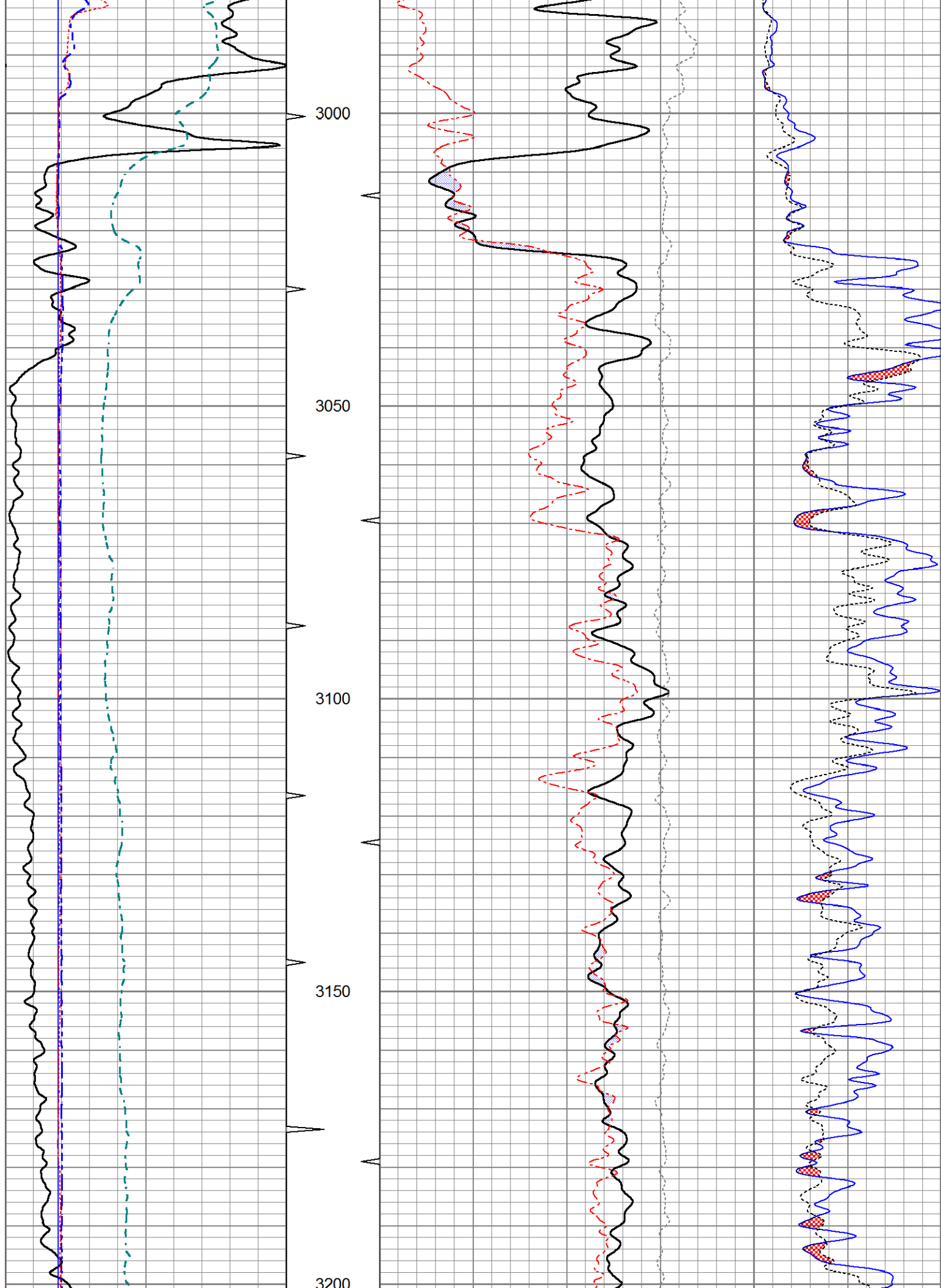


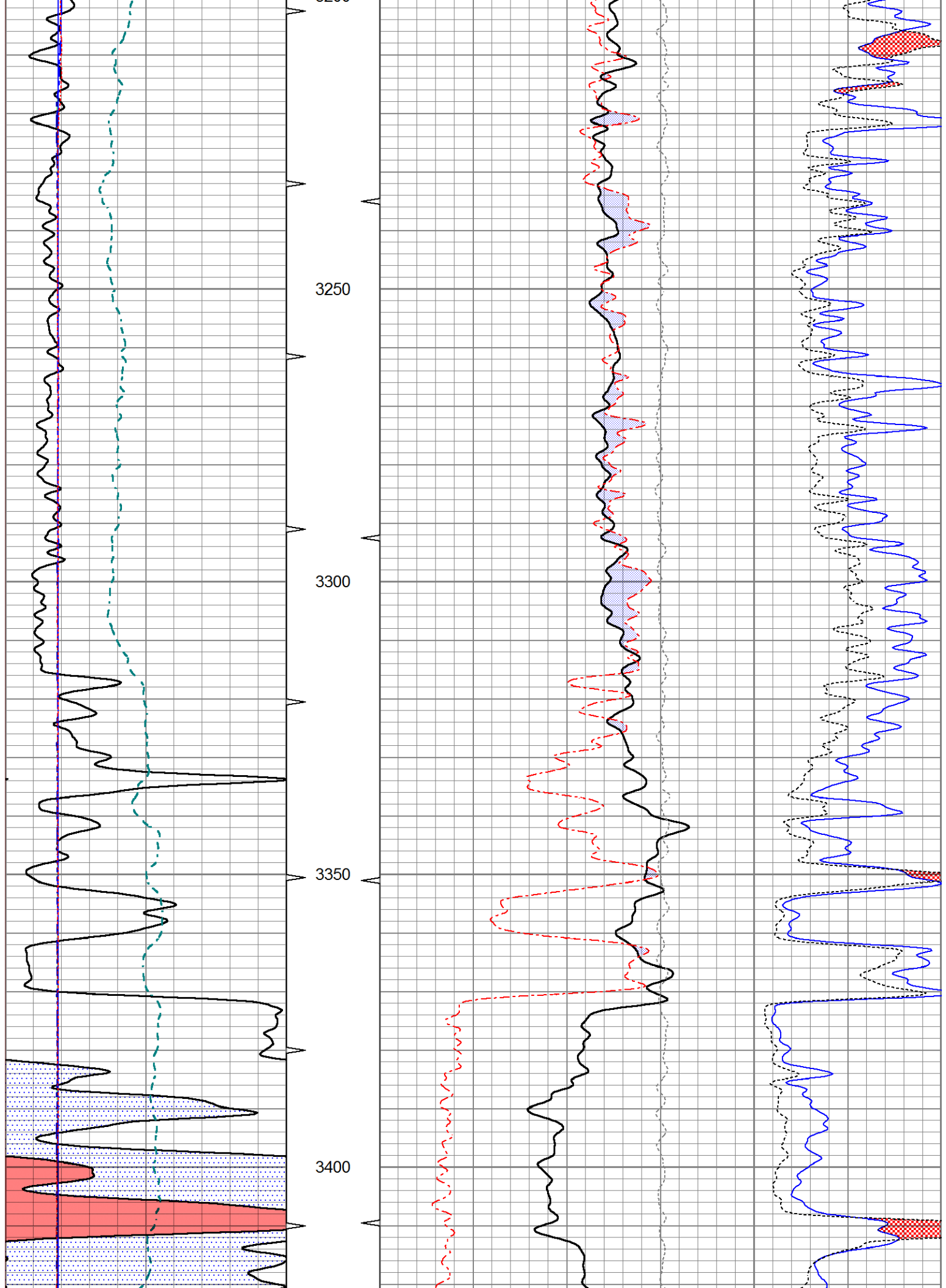


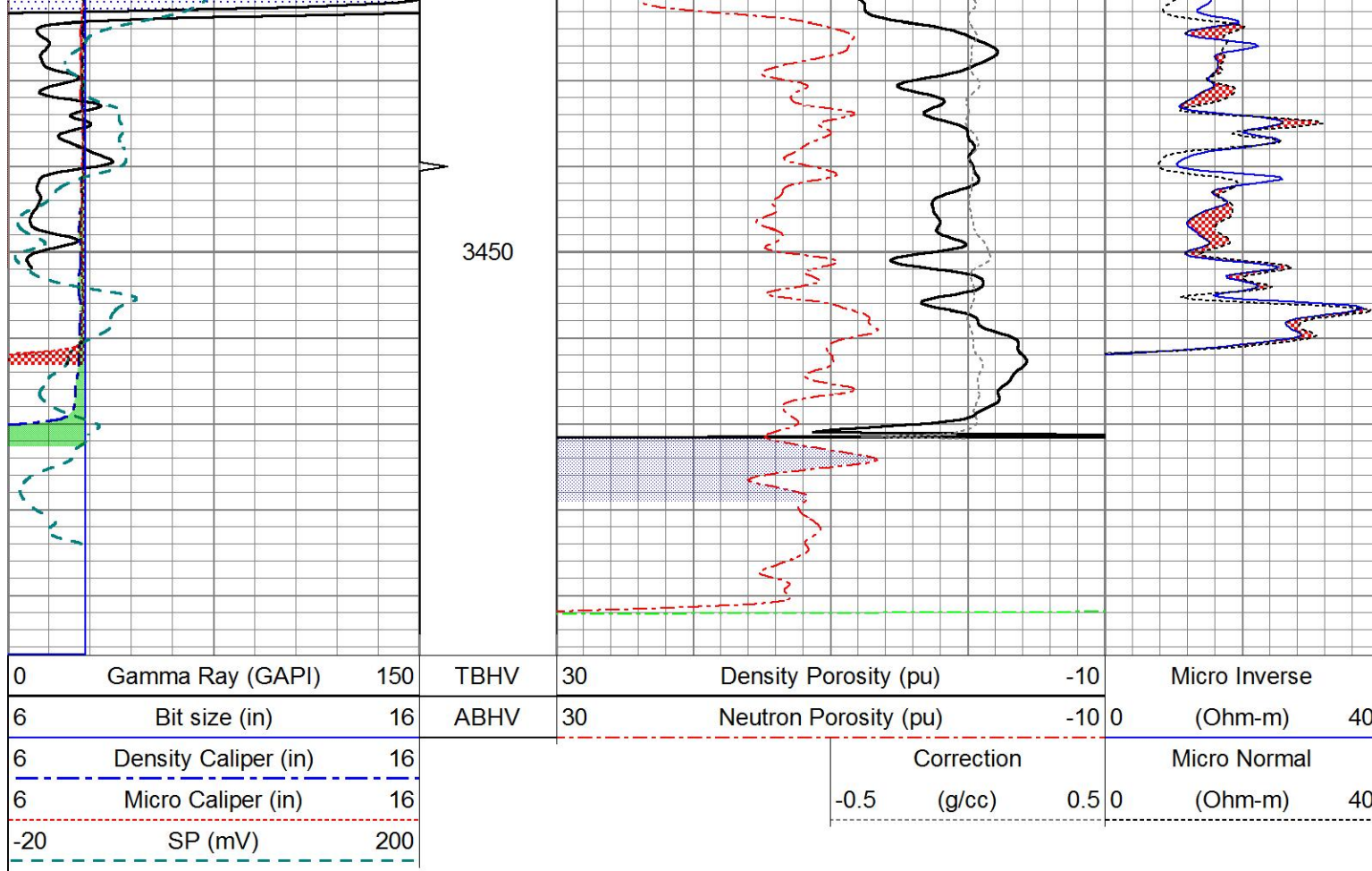








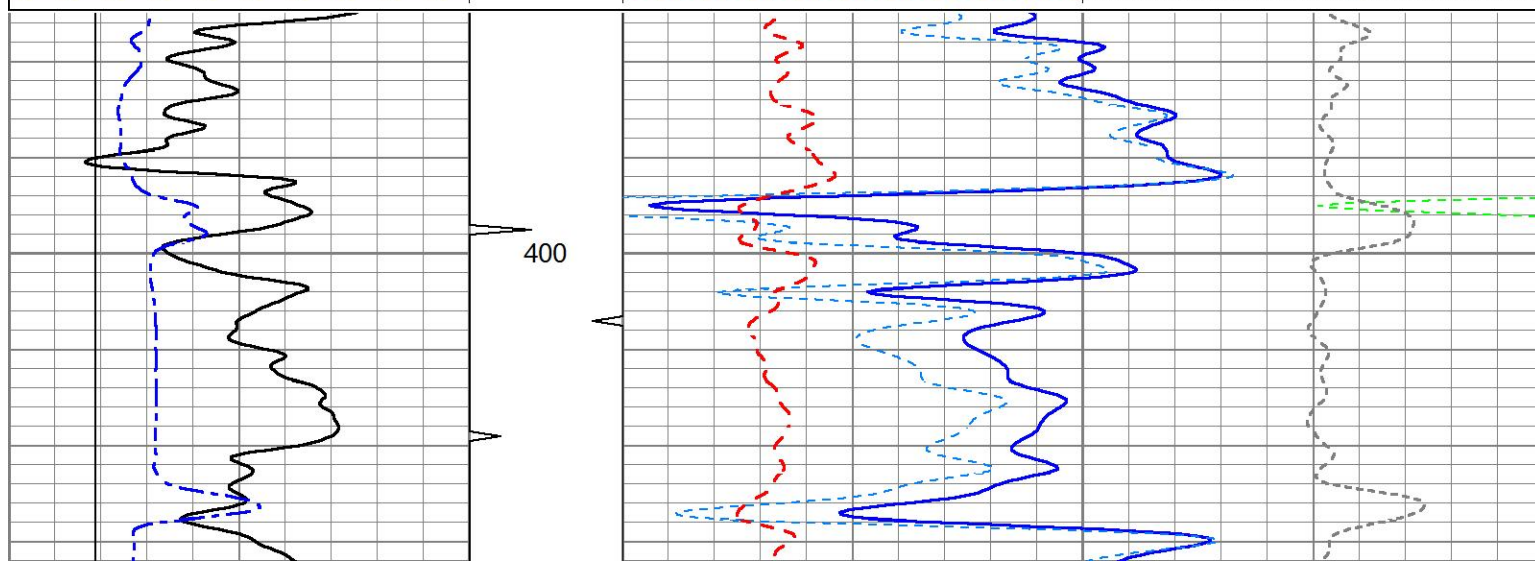


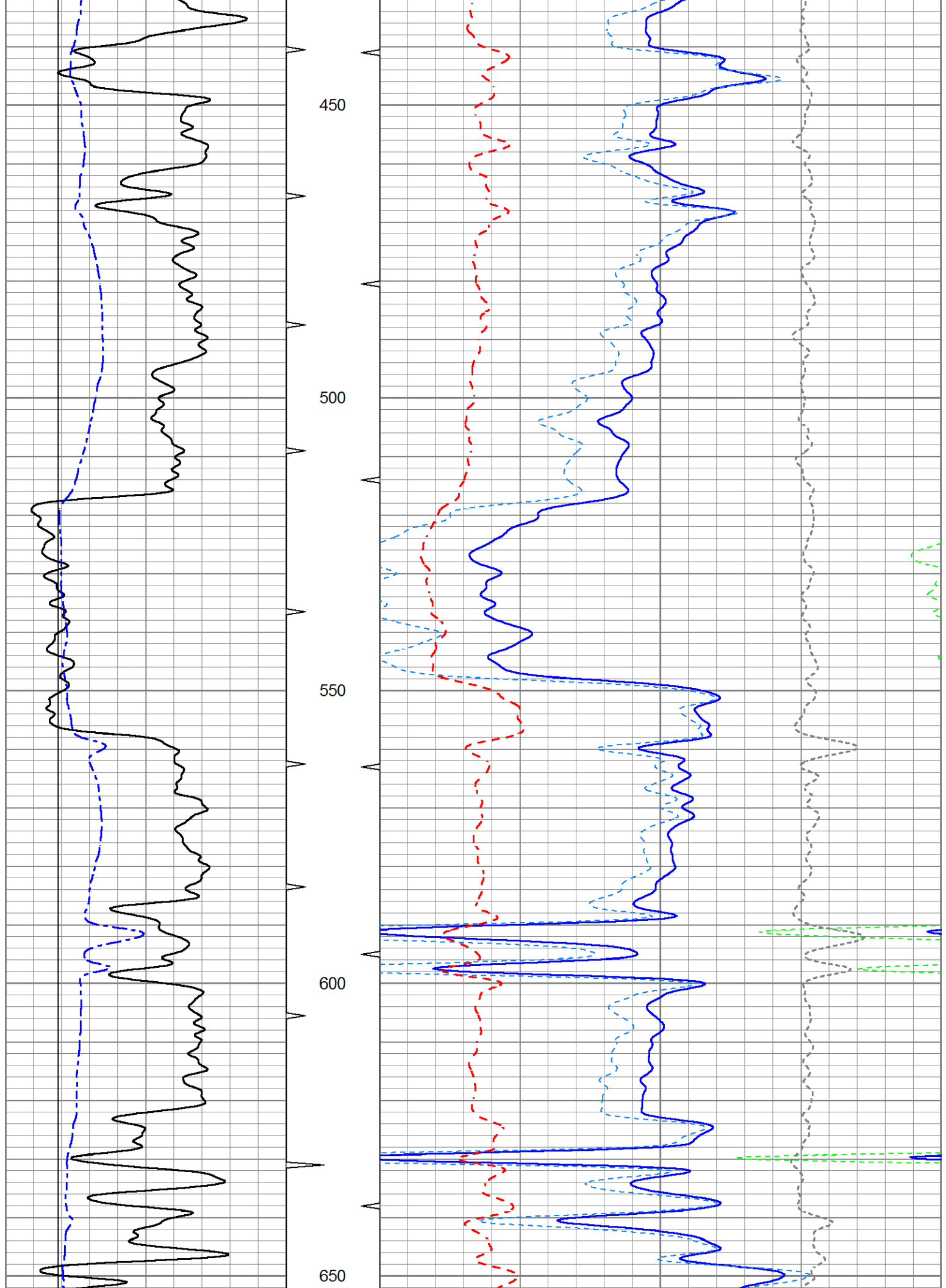


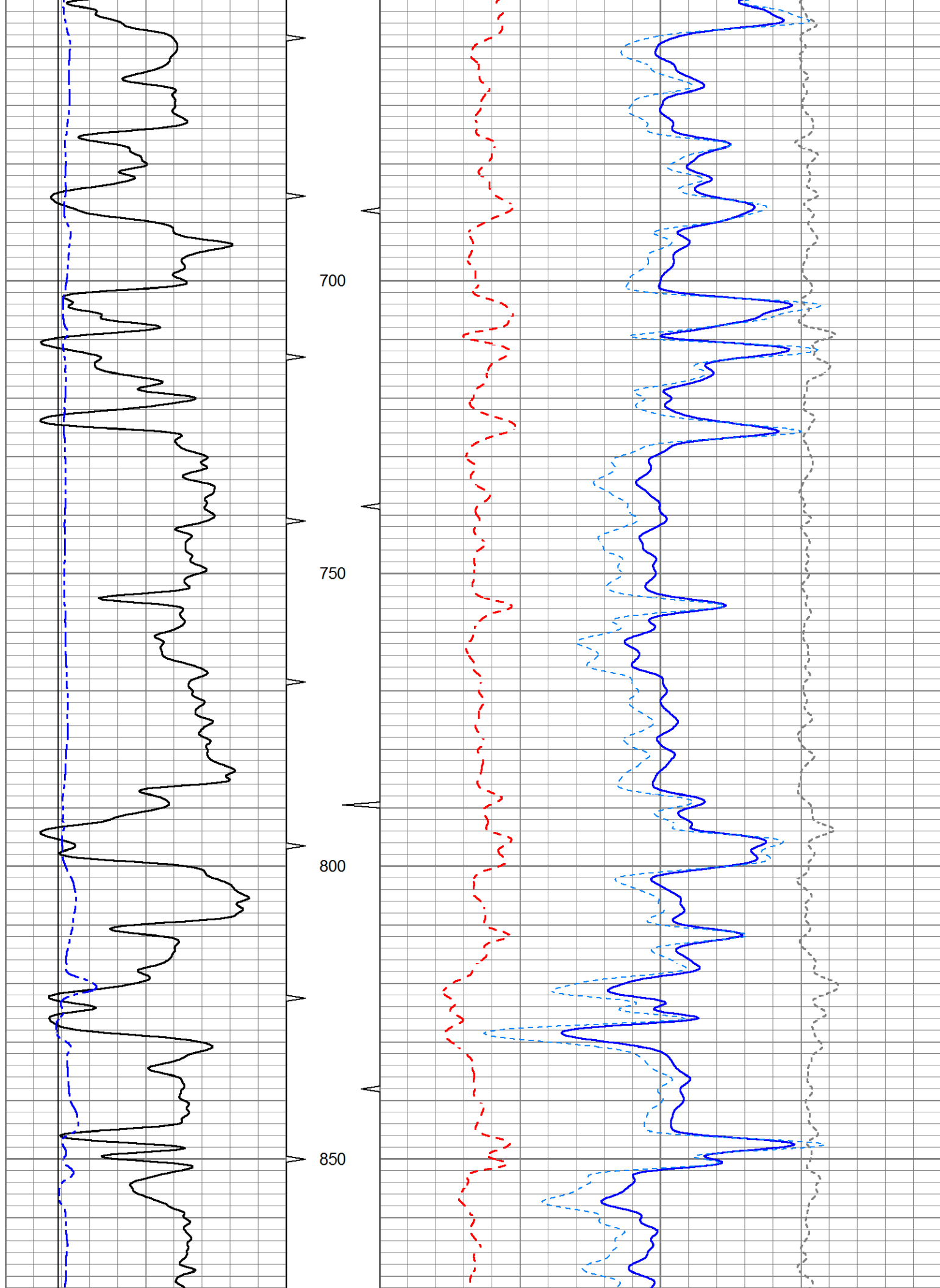
5" LITHO SECTION

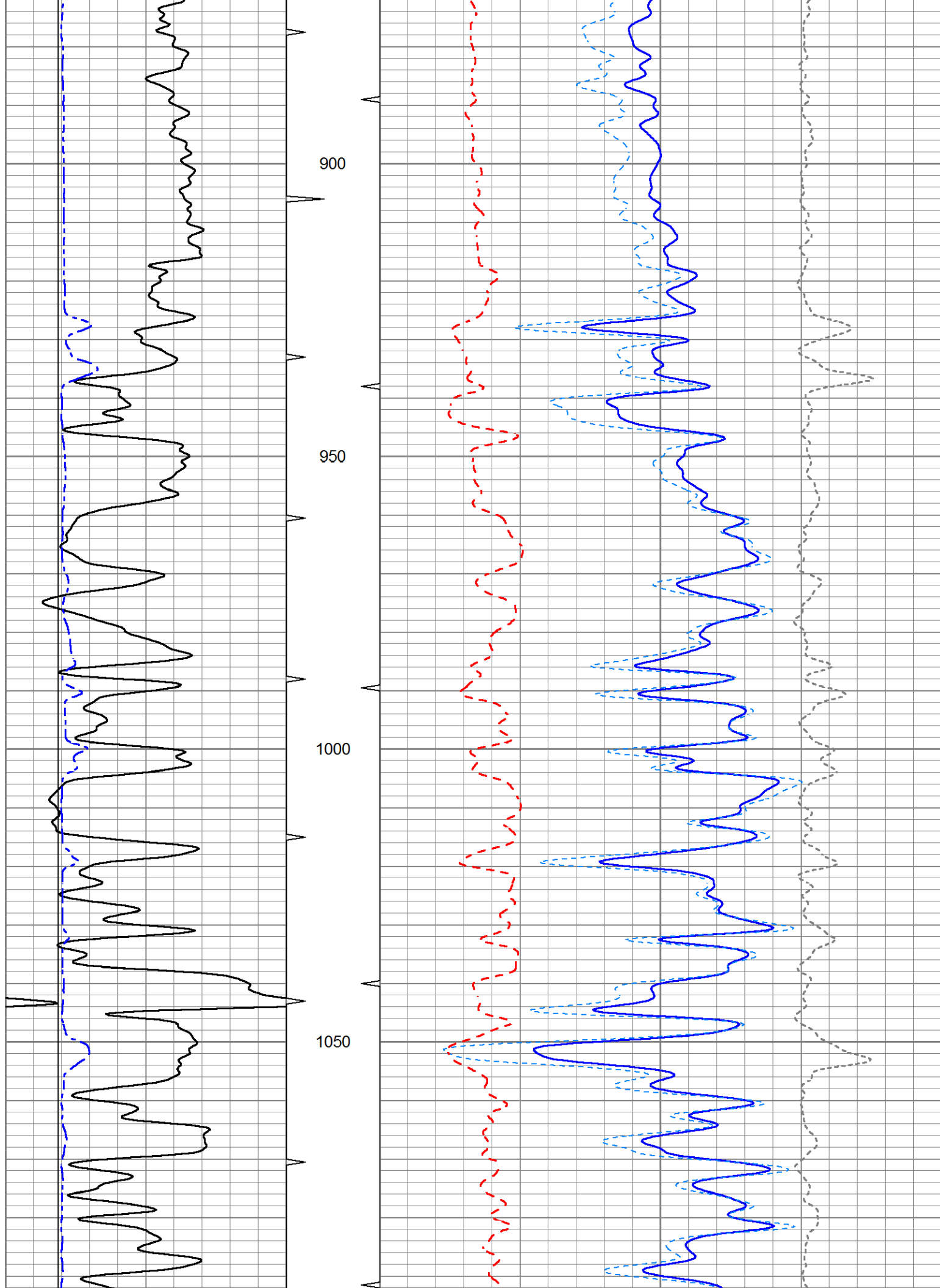
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 Presentation Format litho
 Dataset Creation Sat Oct 24 22:09:25 2015
 Charted by Depth in Feet scaled 1:240

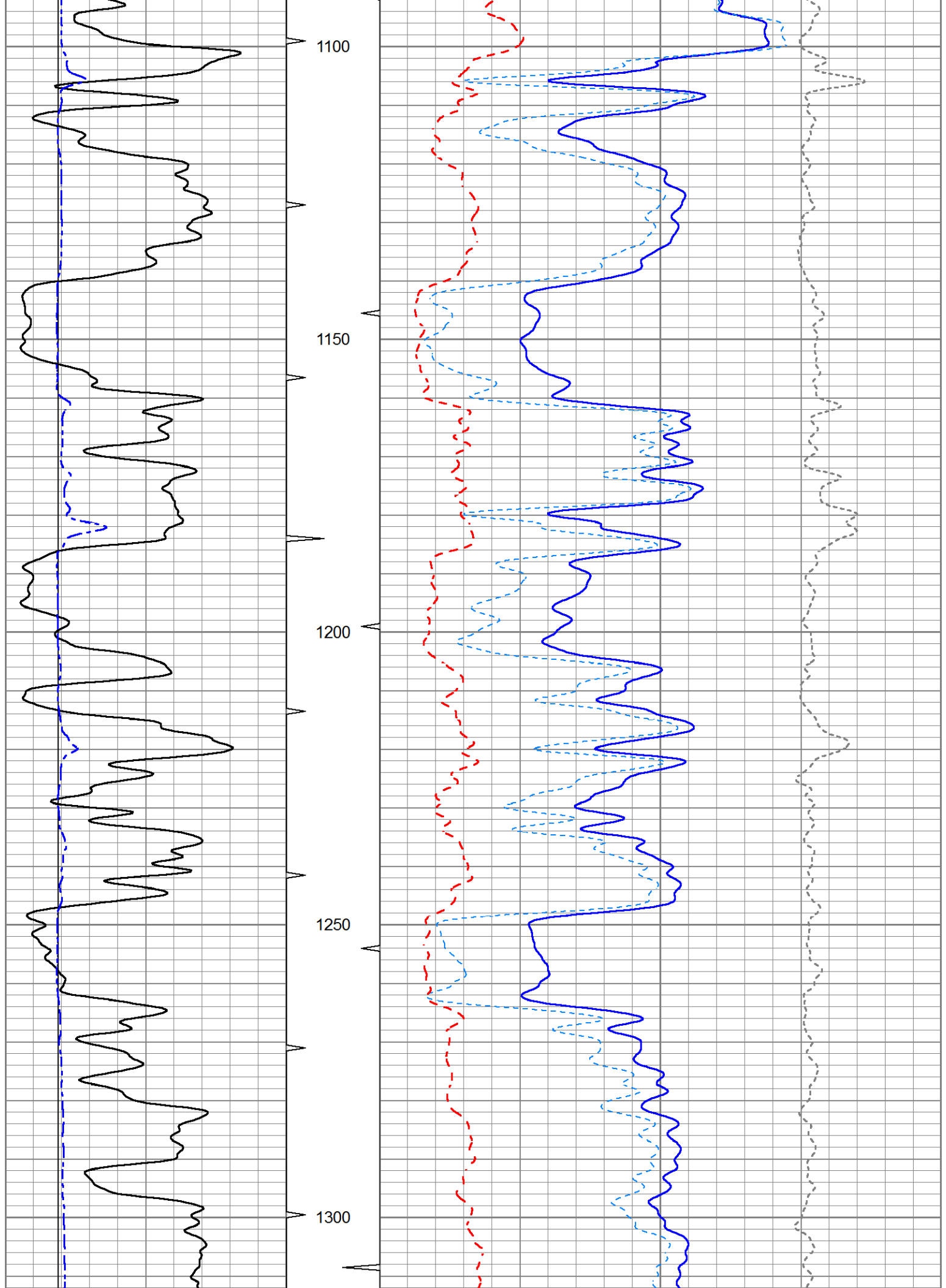
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6	Bit Size (in)	16	AVTX	30	Density Porosity (pu)				-10
6	Density Caliper (in)	16		0	Pe	10	-0.5	Correction (g/cc)	0.5

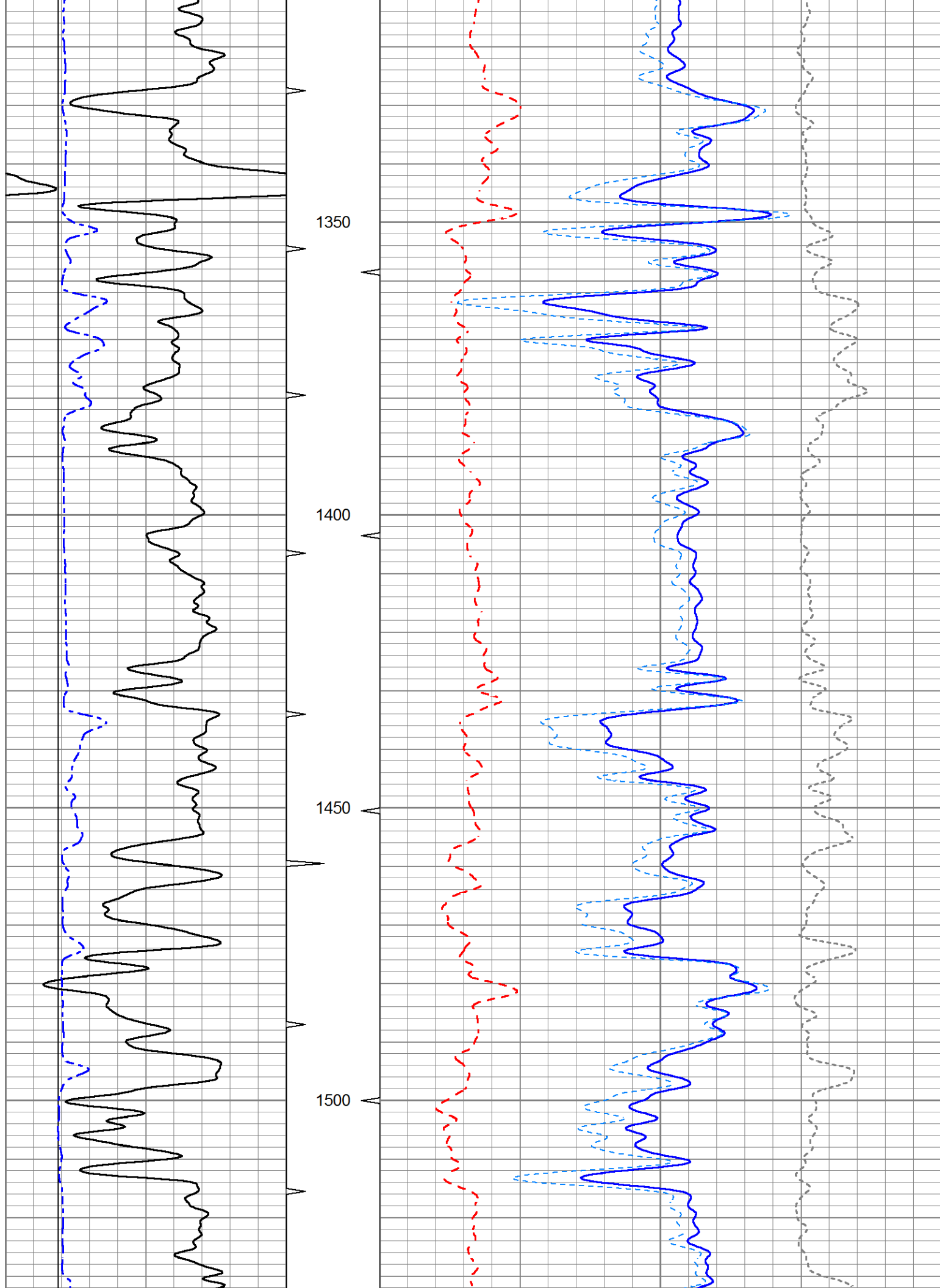


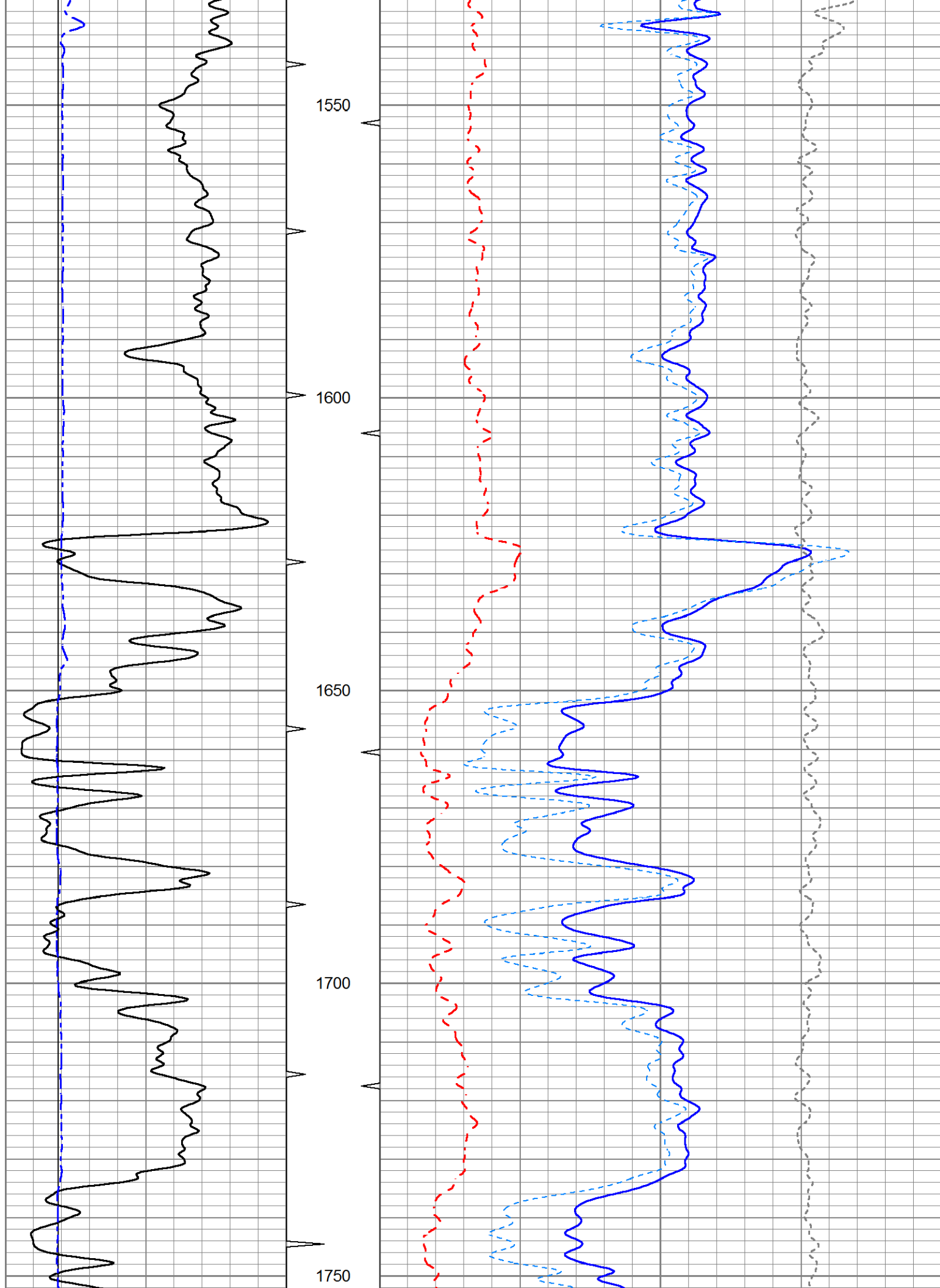


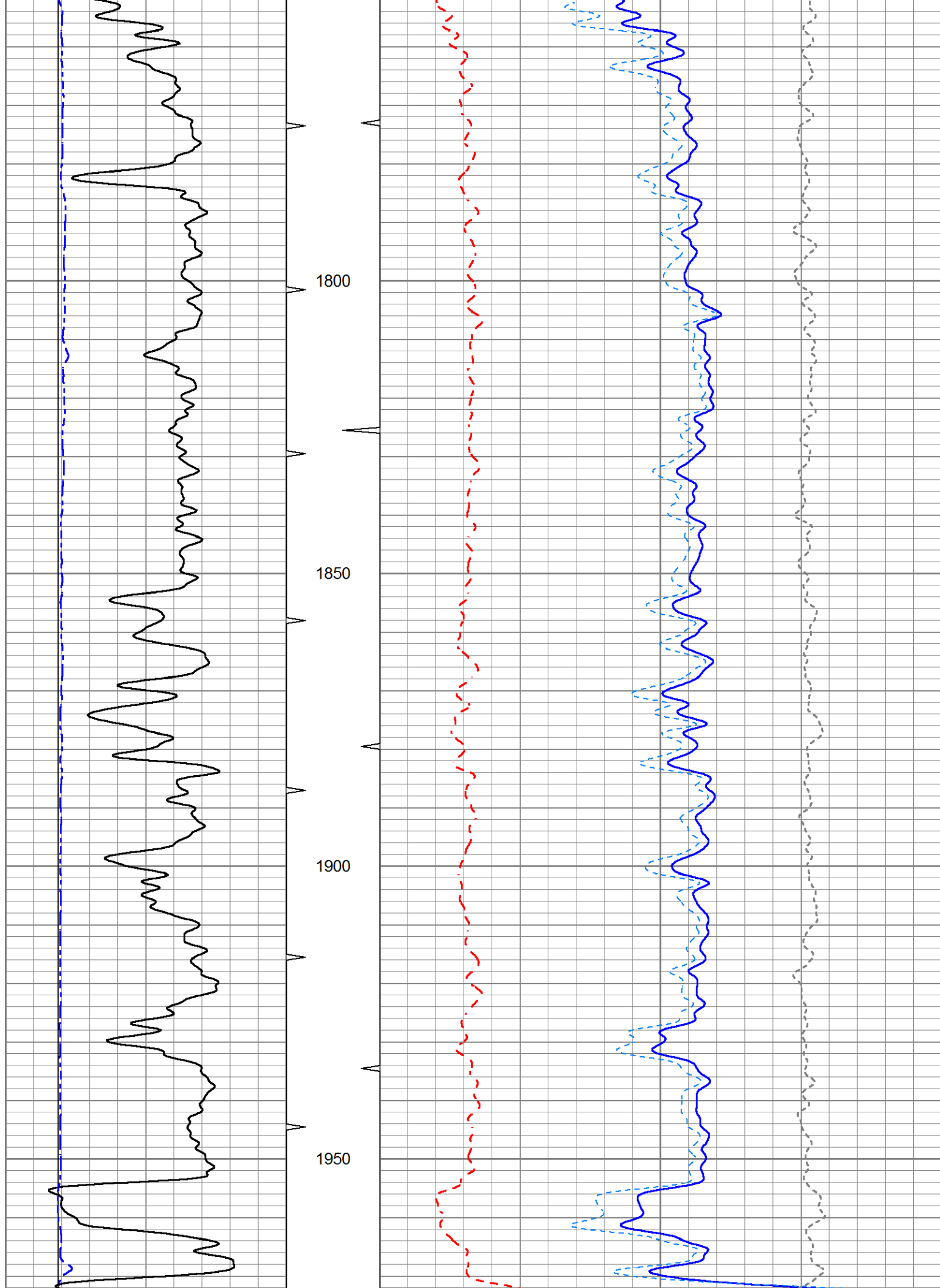


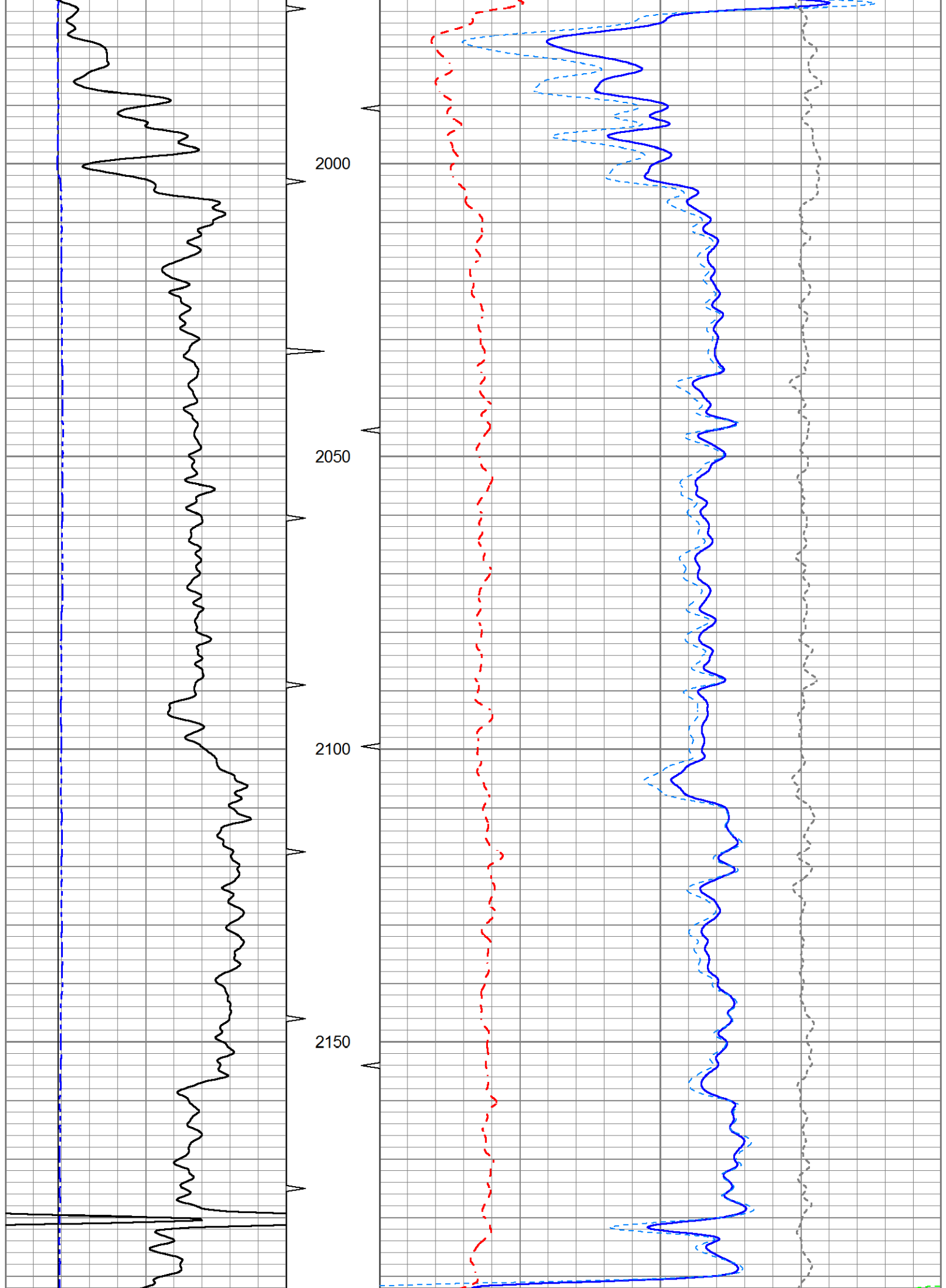


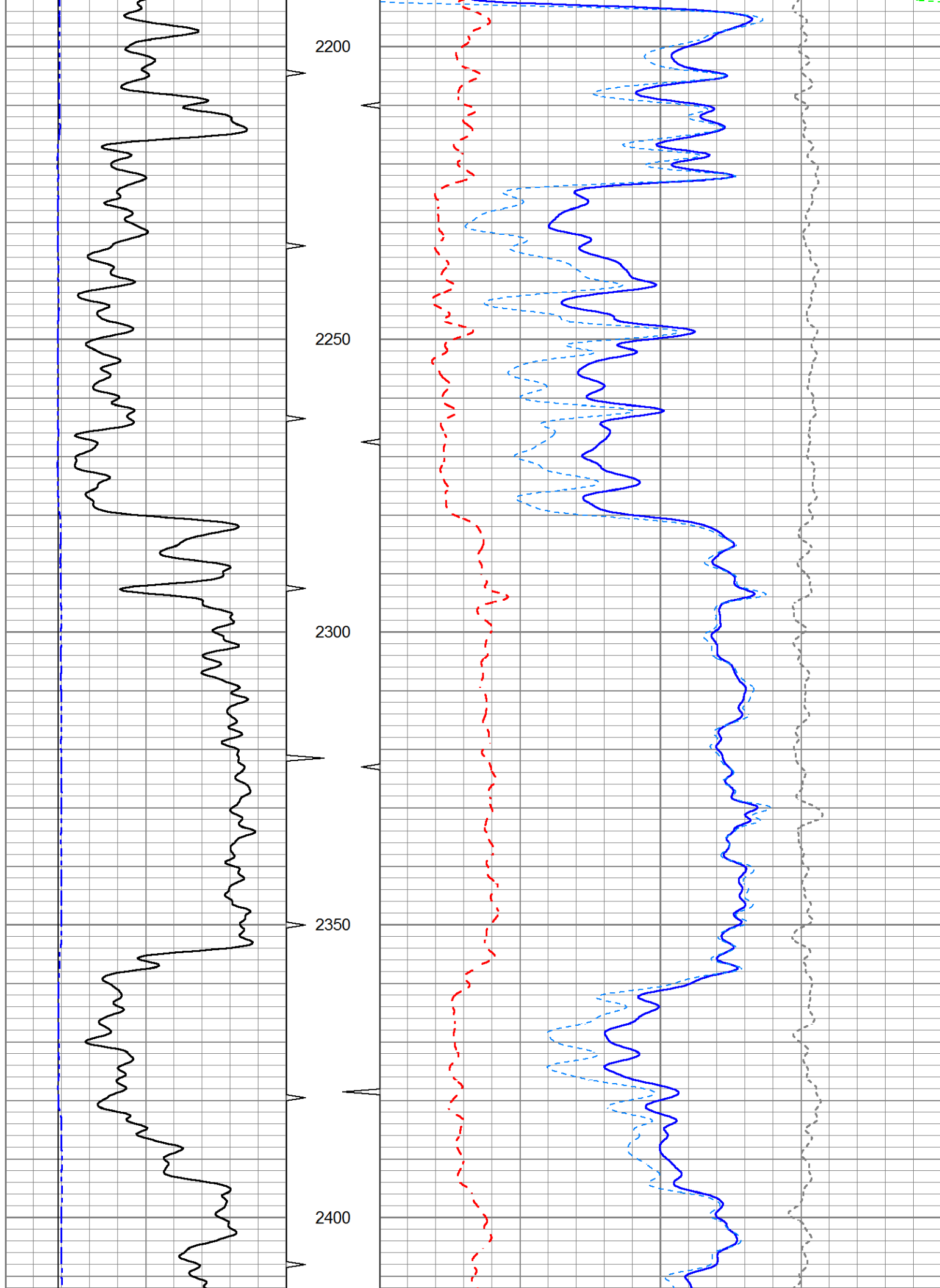


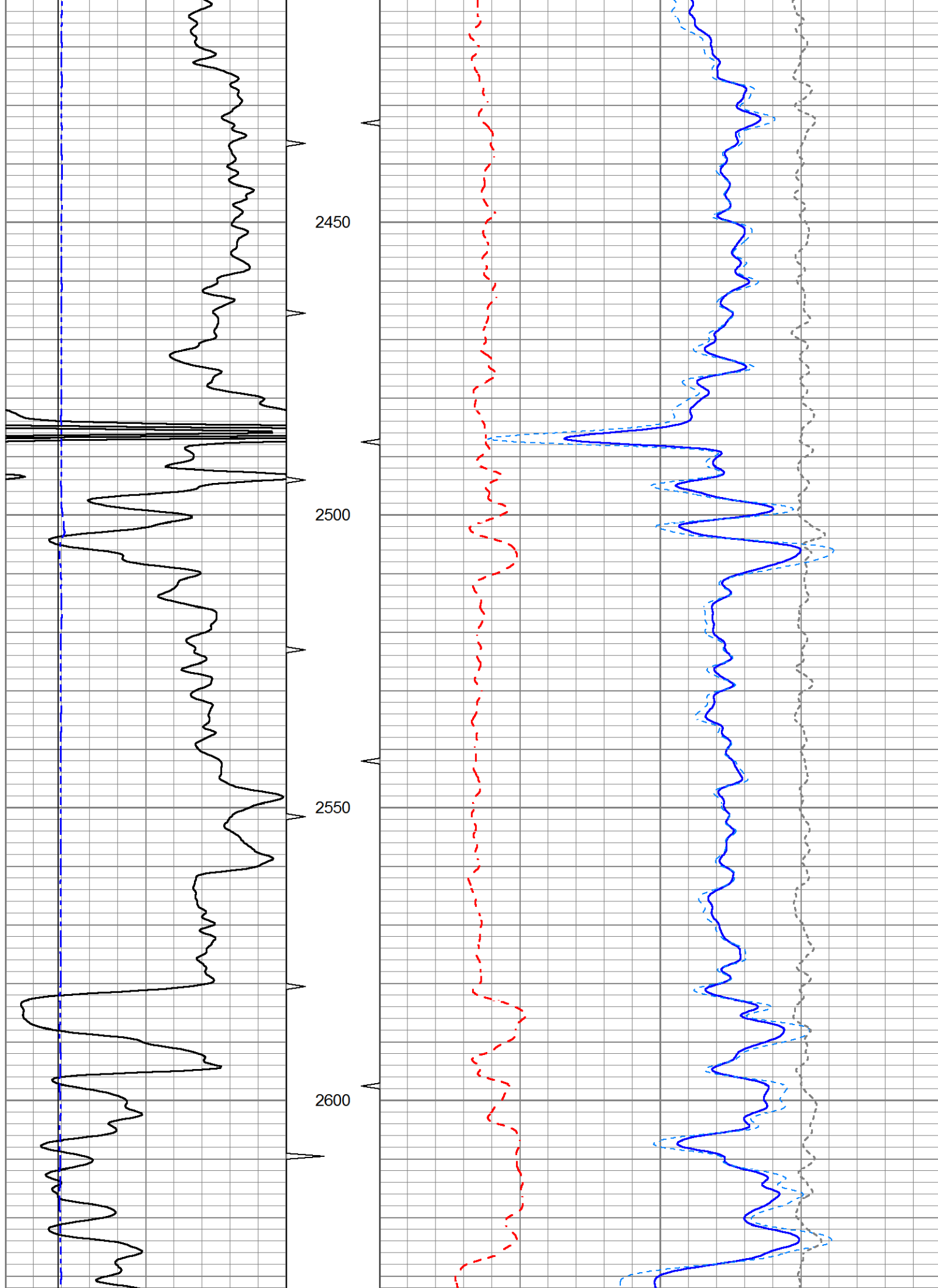


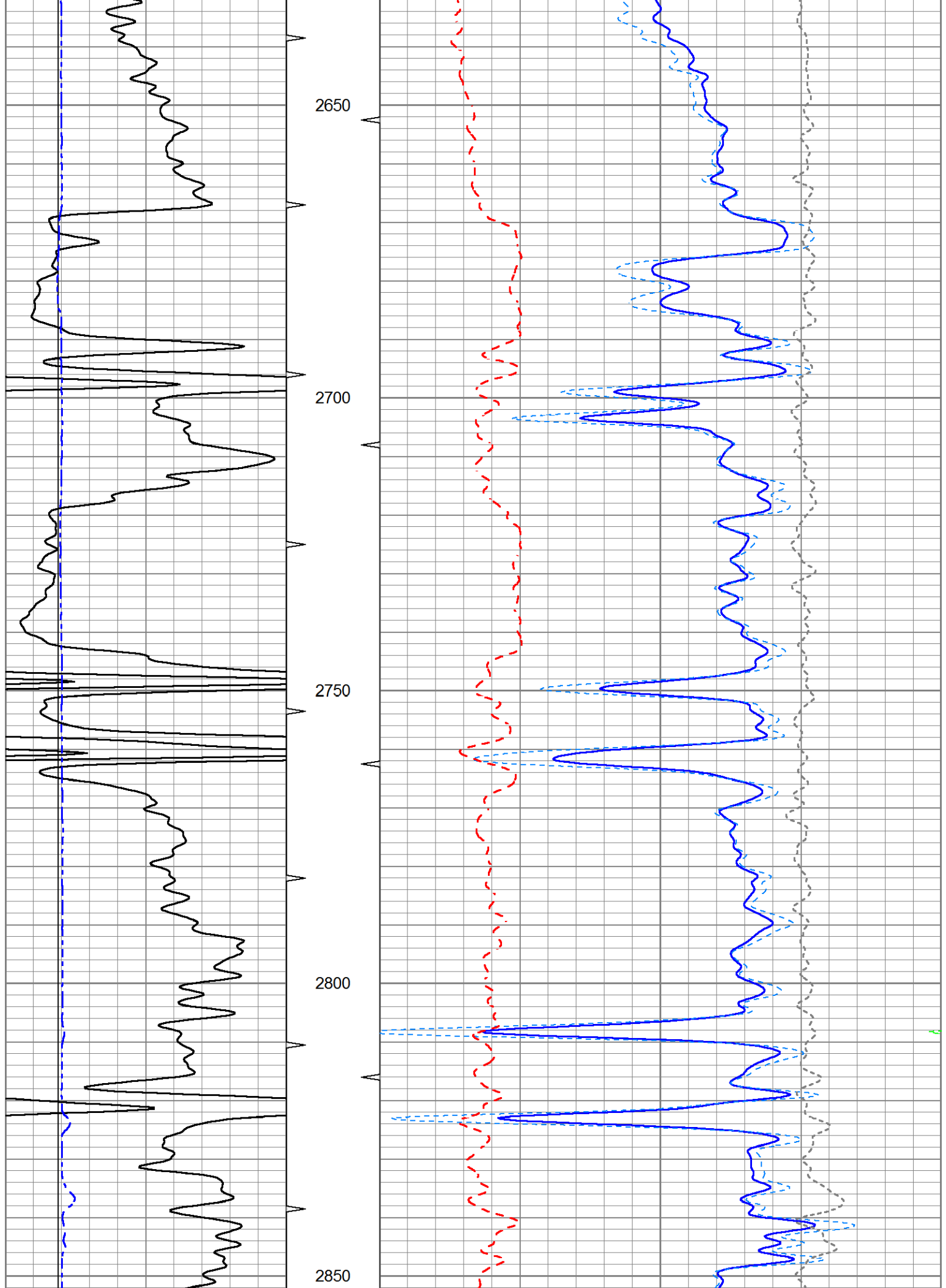


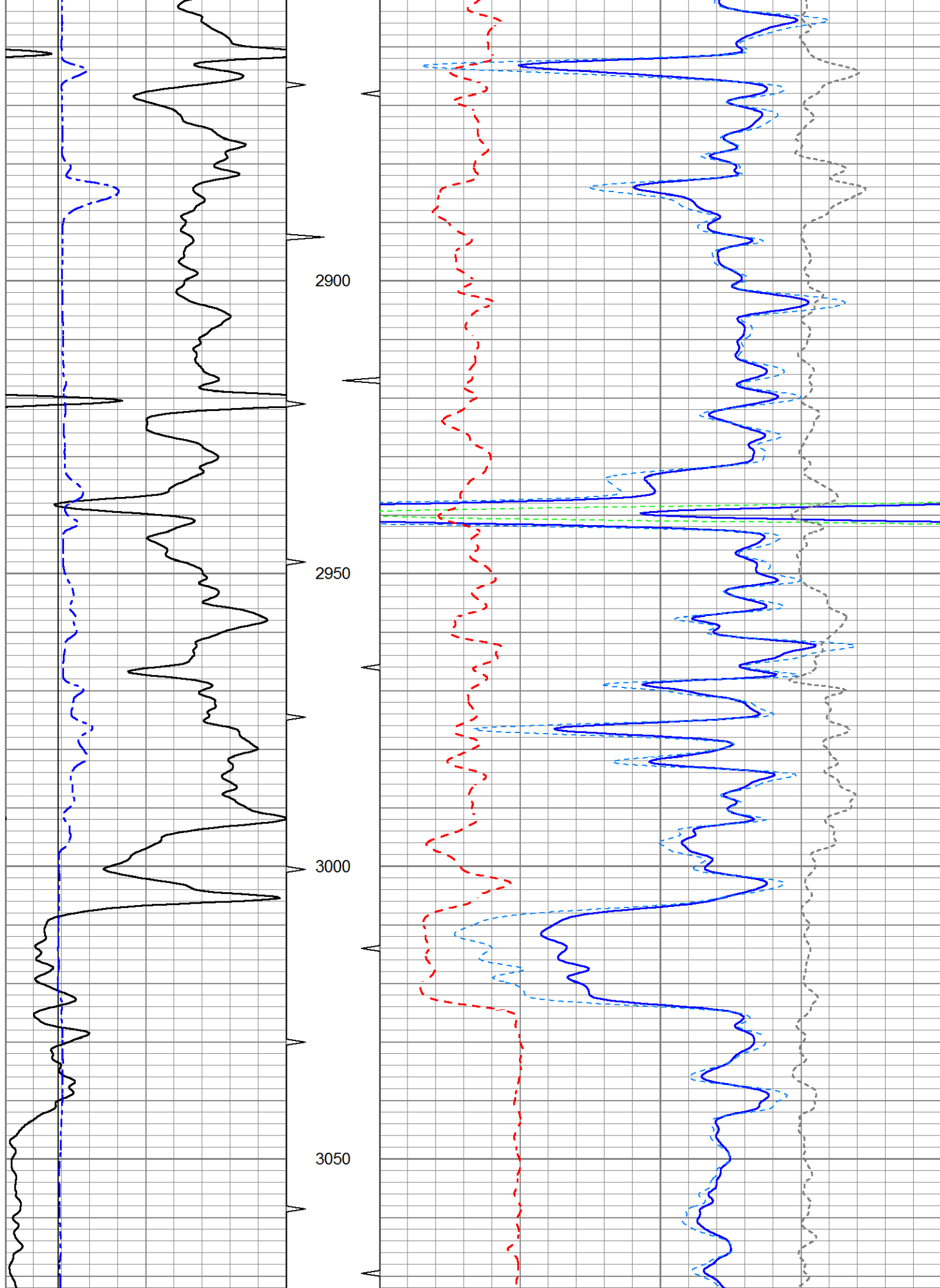


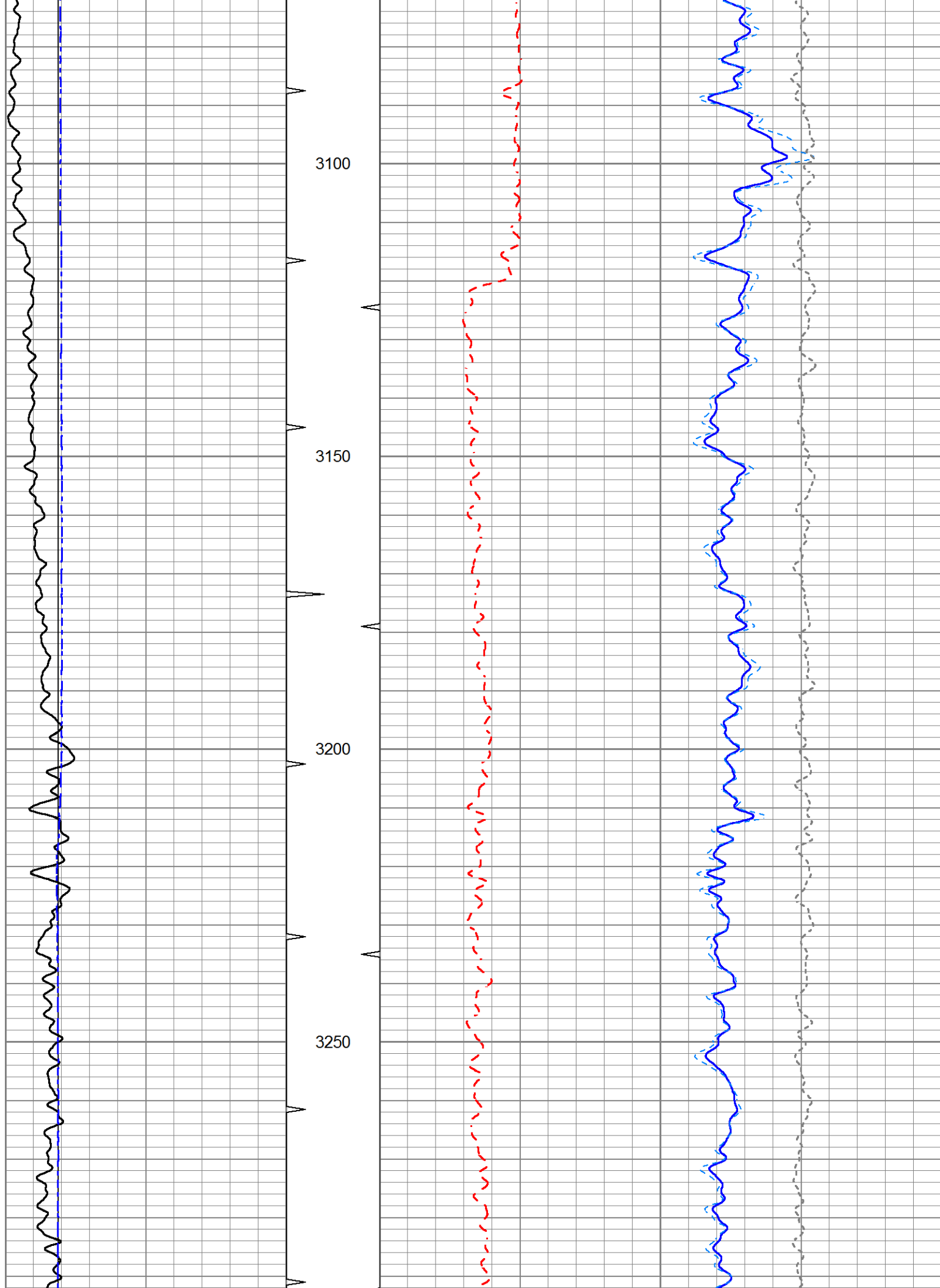


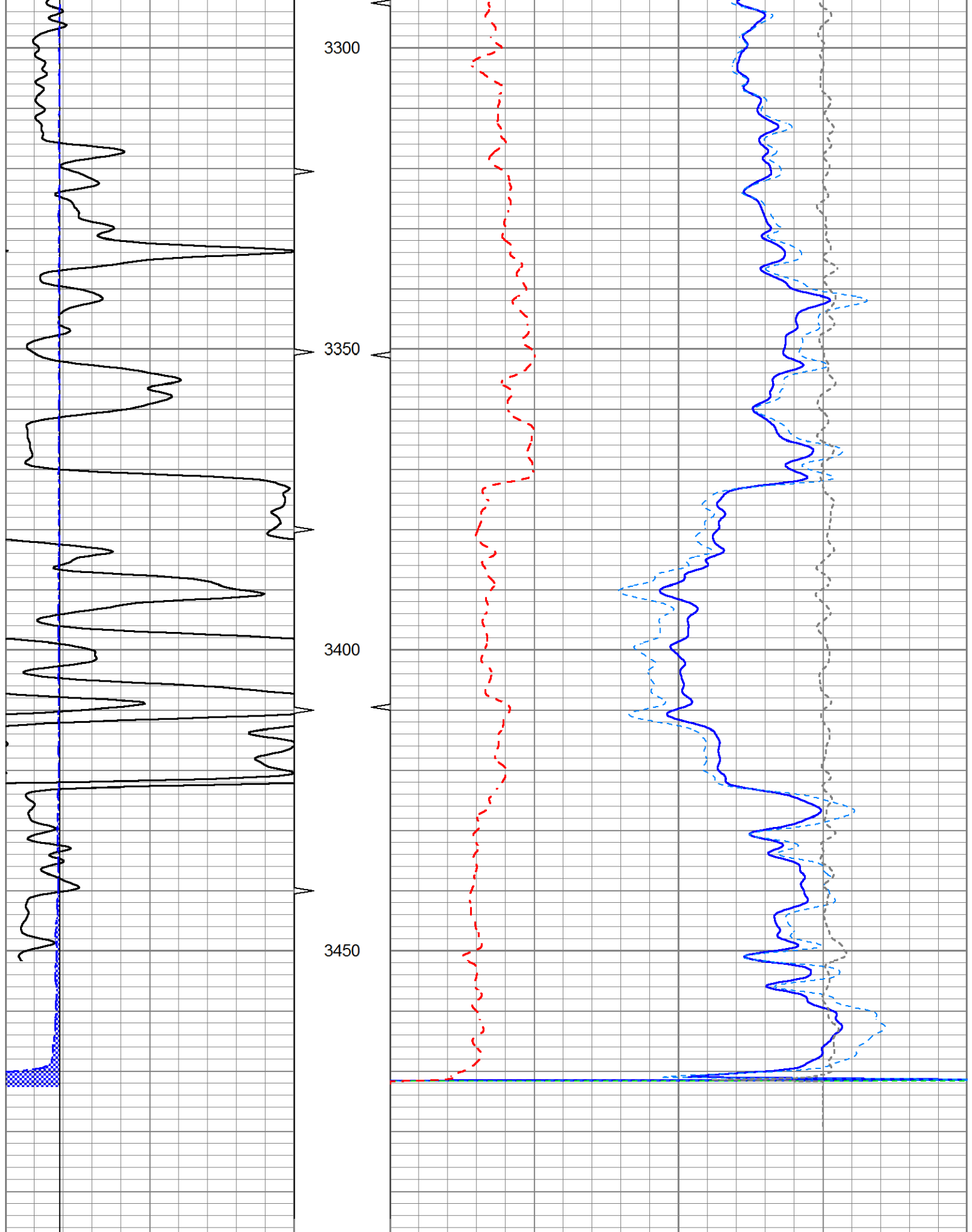












0	Gamma Ray (GAPI)	150	TBHV	2	RHOB (g/cc)	3
6	Bit Size (in)	16	AVTX	30	Density Porosity (pu)	-10
6	Density Caliper (in)	16		0	Pe	10
				-0.5	Correction (g/cc)	0.5

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
GRTemp GR	40.66 40.24		GR-PTS_OH (FW1306-49) Open Hole Digital Gamma Ray	3.69	3.38	40.00
			MEL-GOI (TEL) Digital Telemetry Microlog	7.21	3.50	150.00
MCAL MI MN	32.82 32.82 32.70					
LD_HEAD_V	30.36					
IntTemp	29.36					
			LDT-V4A (Osage_1_upgrade)	9.83	4.00	300.00
DCAL LS_ACC LCSBIN LSDAC W9 W4 W3 W2 W1 SS_ACC SCSBIN SSDAC W10 W8 W7 W6 W5	23.78 23.28 23.28 23.28 23.28 23.28 23.28 23.28 23.28 23.03 23.03 23.03 23.03 23.03 23.03 23.03 23.03 23.03					

