



**COMPENSATED DENSITY
SIDEWALL NEUTRON
MICROLOG**

Company QUAIL OIL & GAS, LLC.
Well BOW HUNTER # 1-1
Field OTTO
County COWLEY
State KANSAS

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Location: API #: 15-035-24667-0000
SE NW SW NE
1865' FNL & 2090' FEL
SEC 1 TWP 34S RGE 6E
Permanent Datum GL Elevation 1228'
Log Measured From KB
Drilling Measured From KB
Other Services
DIL,
SONIC
Elevation
K.B. 1237'
D.F. 1236'
G.L. 1228'

Date	04-24-2017
Run Number	ONE
Depth Driller	2880'
Depth Logger	2879'
Bottom Logged Interval	2877'
Top Log Interval	SURFACE
Casing Driller	8.625" @ 296'
Casing Logger	8.625" @ 296'
Bit Size	7 7/8"
Type Fluid in Hole	DISPERSED
Density / Viscosity	9.4 / 61
pH / Fluid Loss	9.0 / 7.6
Source of Sample	FLOWLINE
Rm @ Meas. Temp	2.30 @ 70
Rmt @ Meas. Temp	2.70 @ 70
Rmc @ Meas. Temp	1.90 @ 70
Source of Rmf / Rmc	CAL
Rm @ BHT	1.49 @ 119
Time Circulation Stopped	8:00 AM
Time Logger on Bottom	11:15 AM
Maximum Recorded Temperature	119
Equipment Number	OW2
Location	HOMINY, OK
Recorded By	LOWERY
Witnessed By	MR. SHOBE
	R. KIDD

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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

OW2-8982
MATRIX LIMESTONE 2.71 G/CC
ABHV COMPUTED WITH 5 1/2" CASING

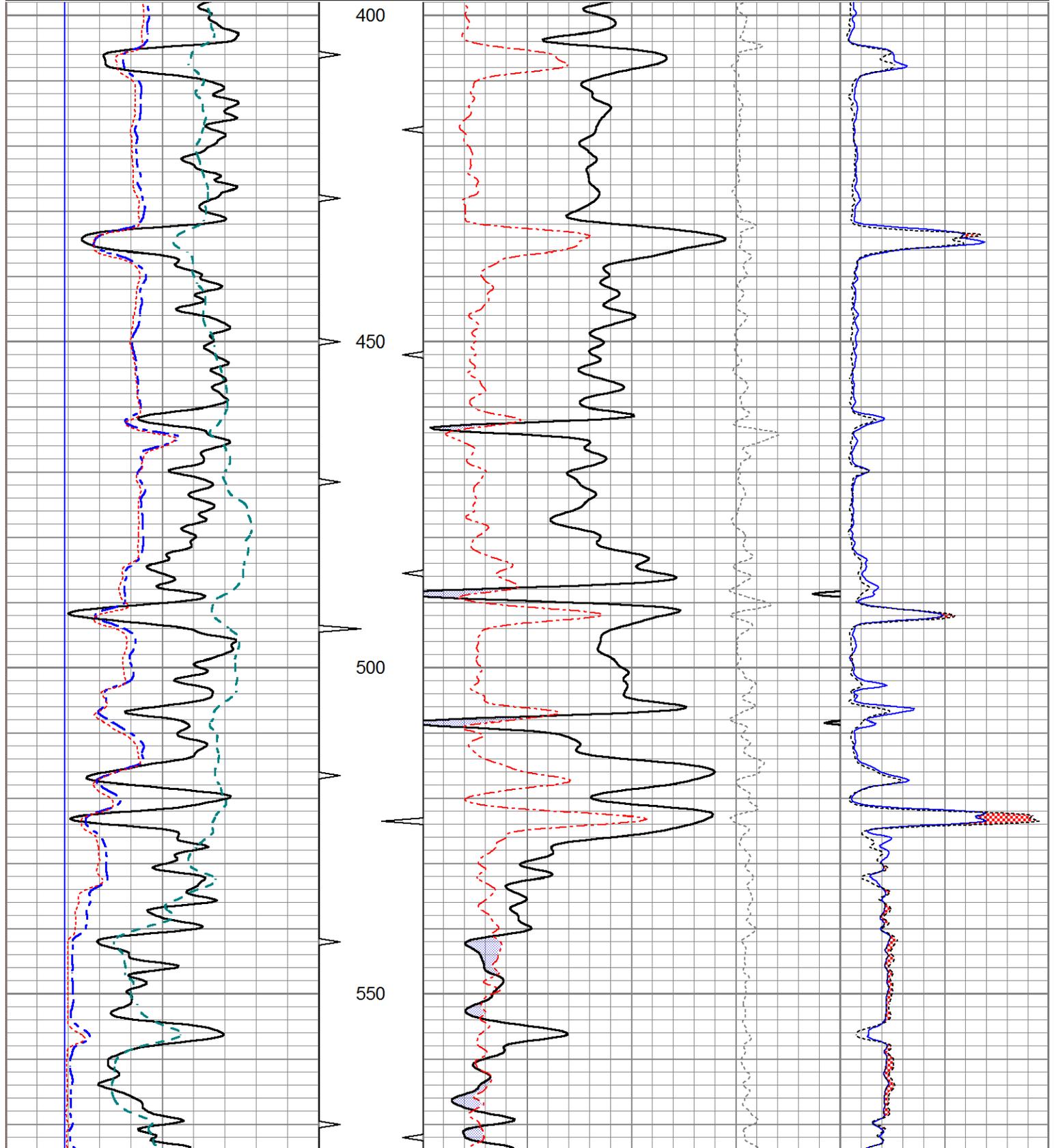
CREW : B. MARSHALL

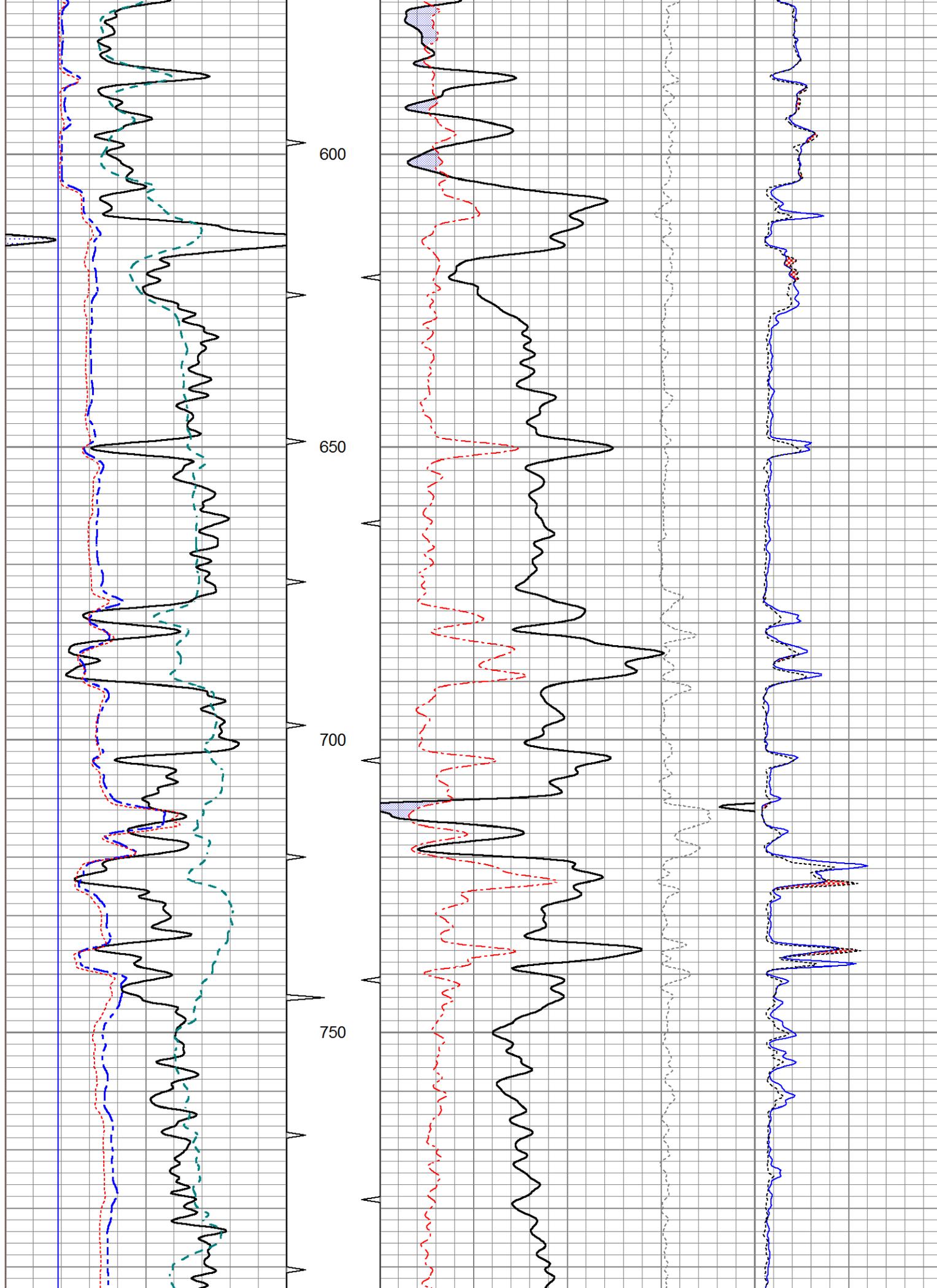


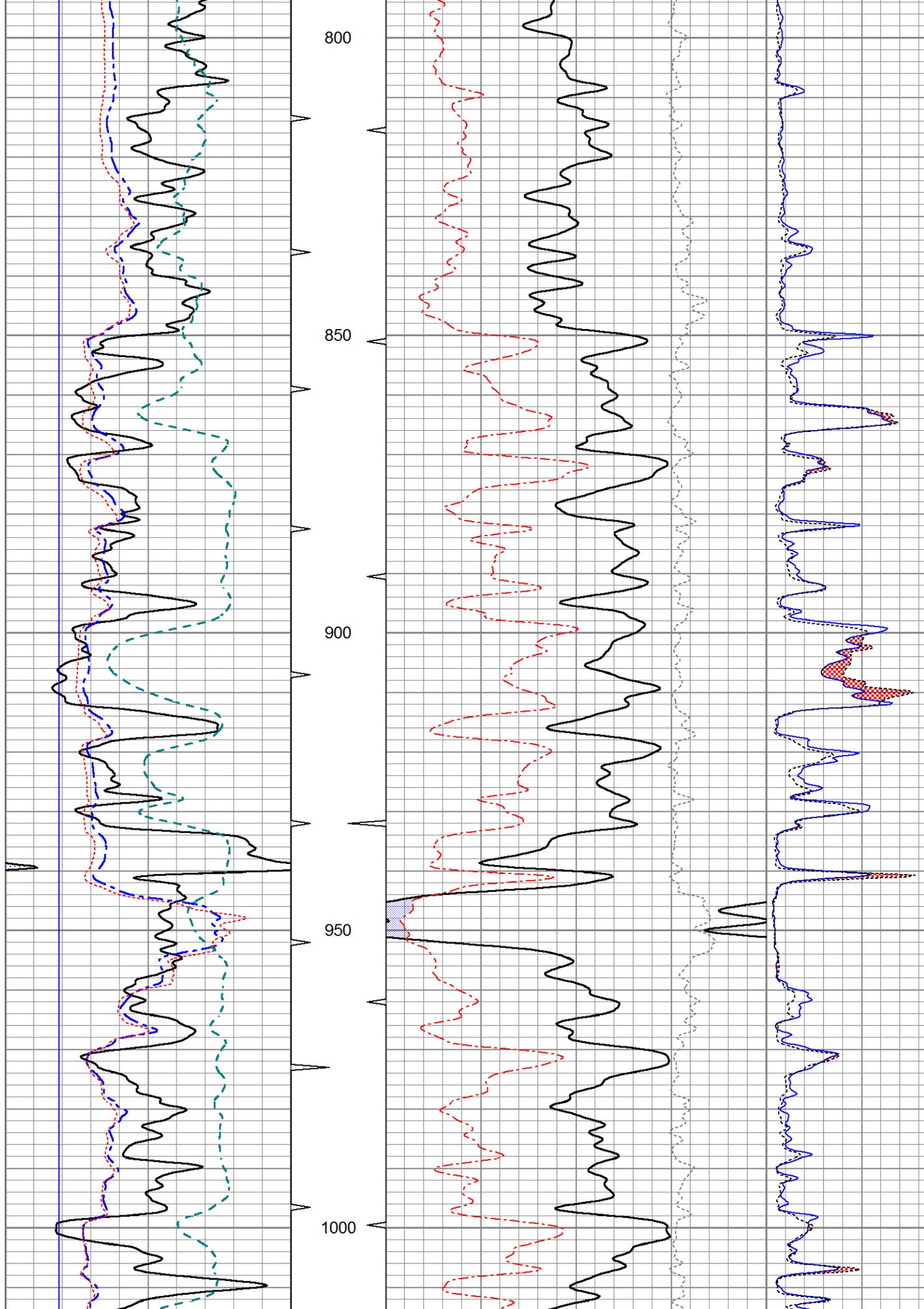
5" CDL/SWN MICROLOG

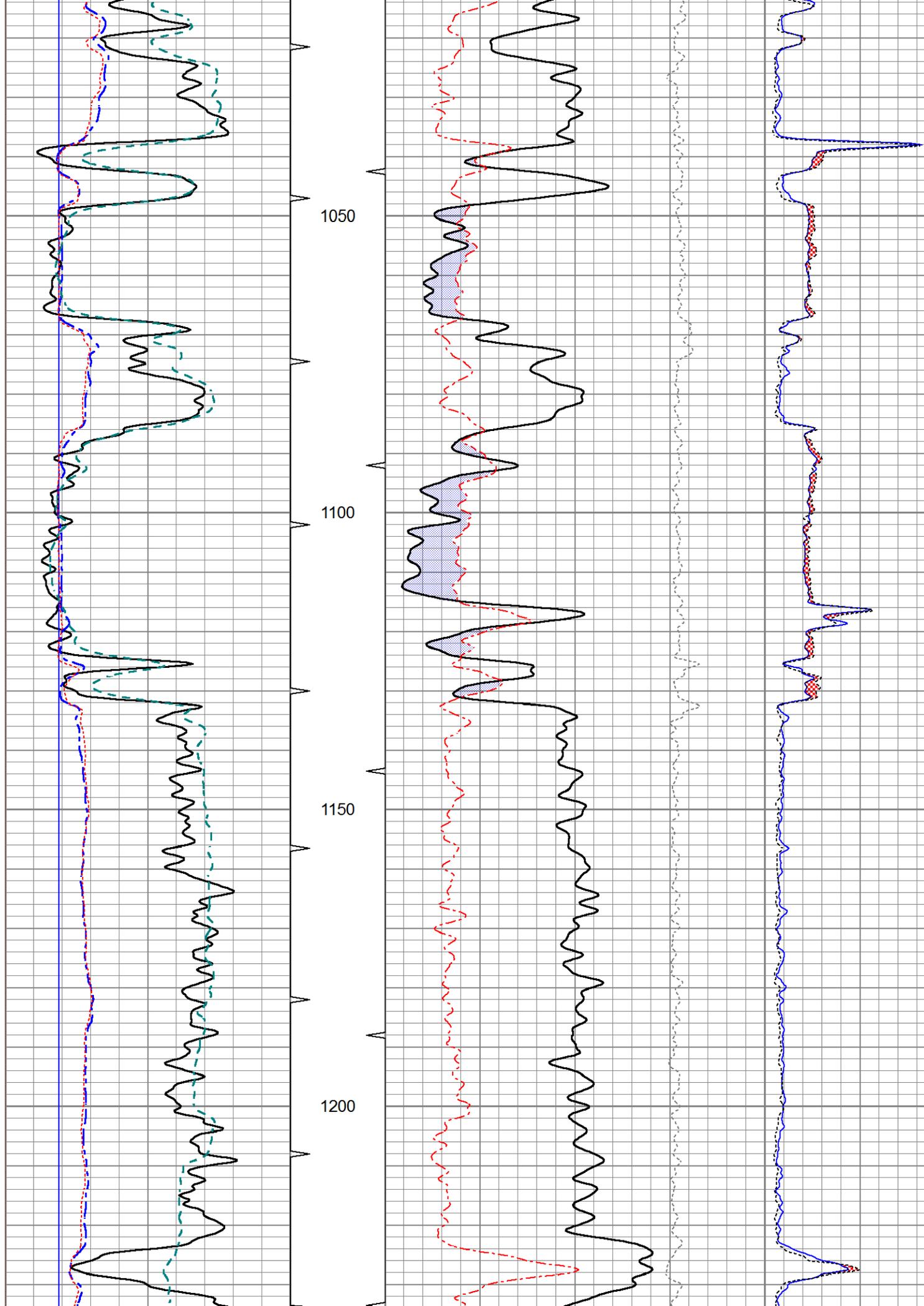
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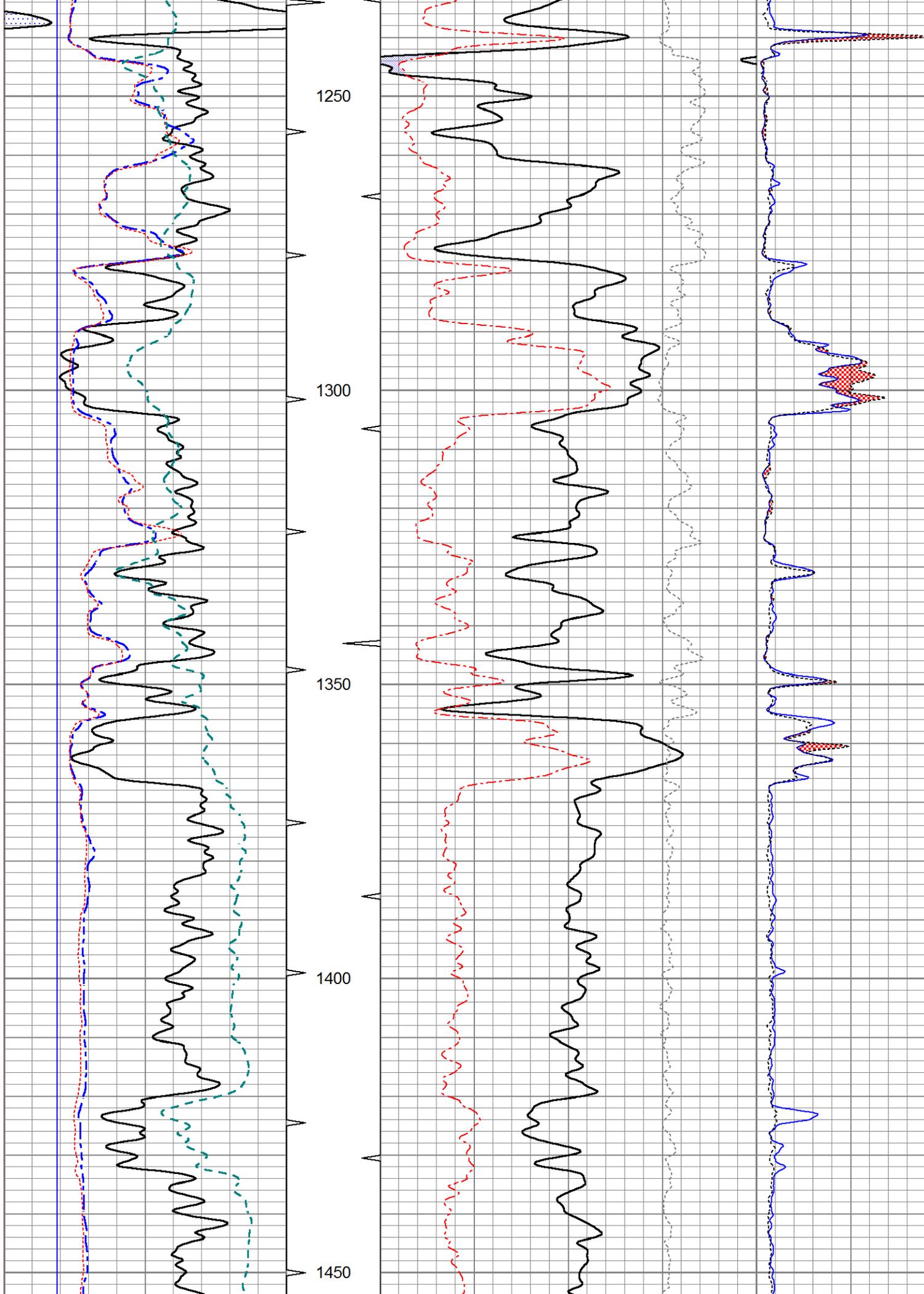
0	Gamma Ray (GAPI)	150	TBHV	30	Density Porosity (pu)	-10	Micro Inverse
6	Bit size (in)	16	ABHV	30	Neutron Porosity (pu)	-10	(Ohm-m) 40
6	Neutron Caliper (in)	16			Correction		Micro Normal
6	Micro Caliper (in)	16			-0.5 (g/cc)	0.5	(Ohm-m) 40
0	SP (mV)	200					

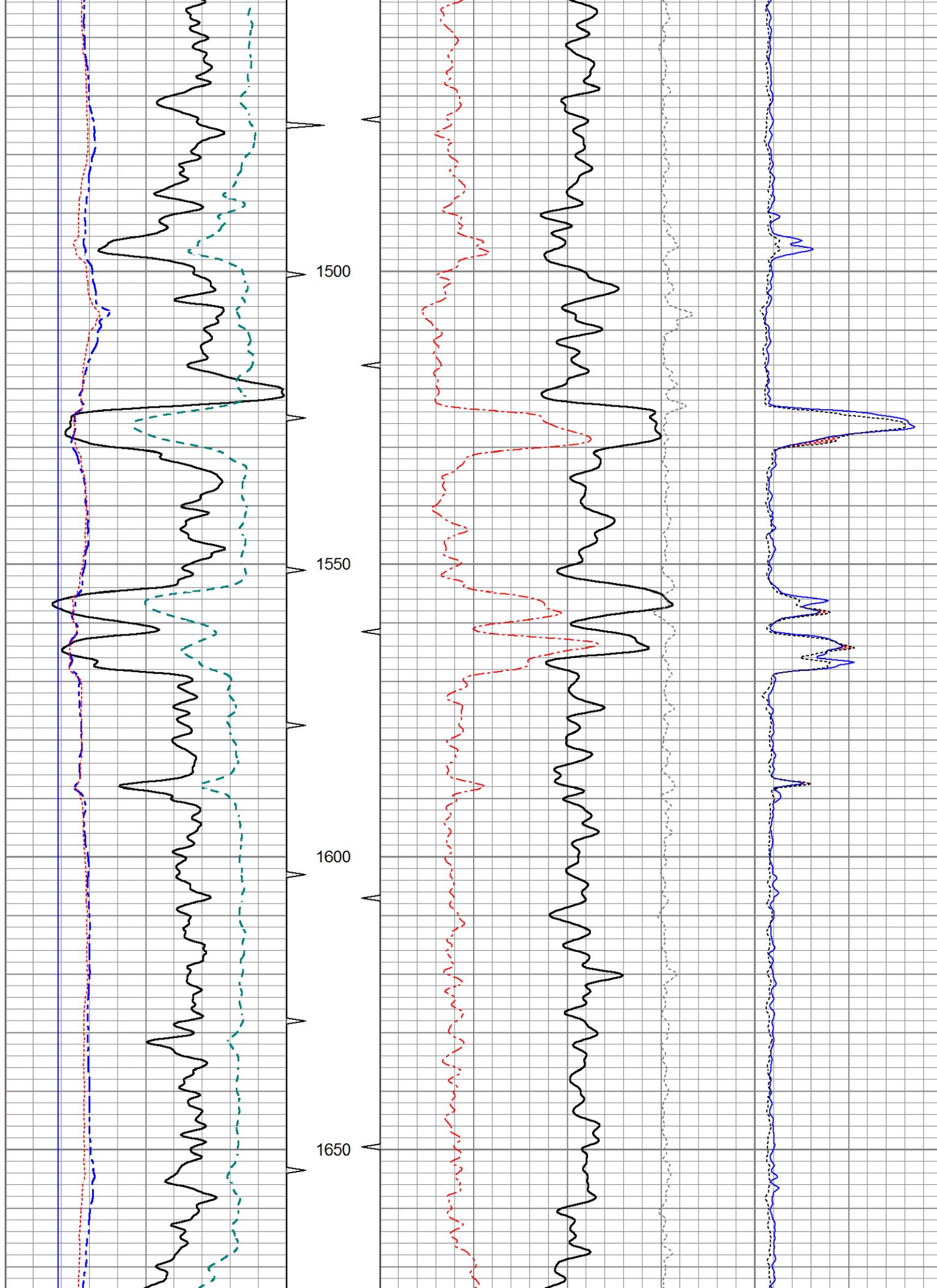


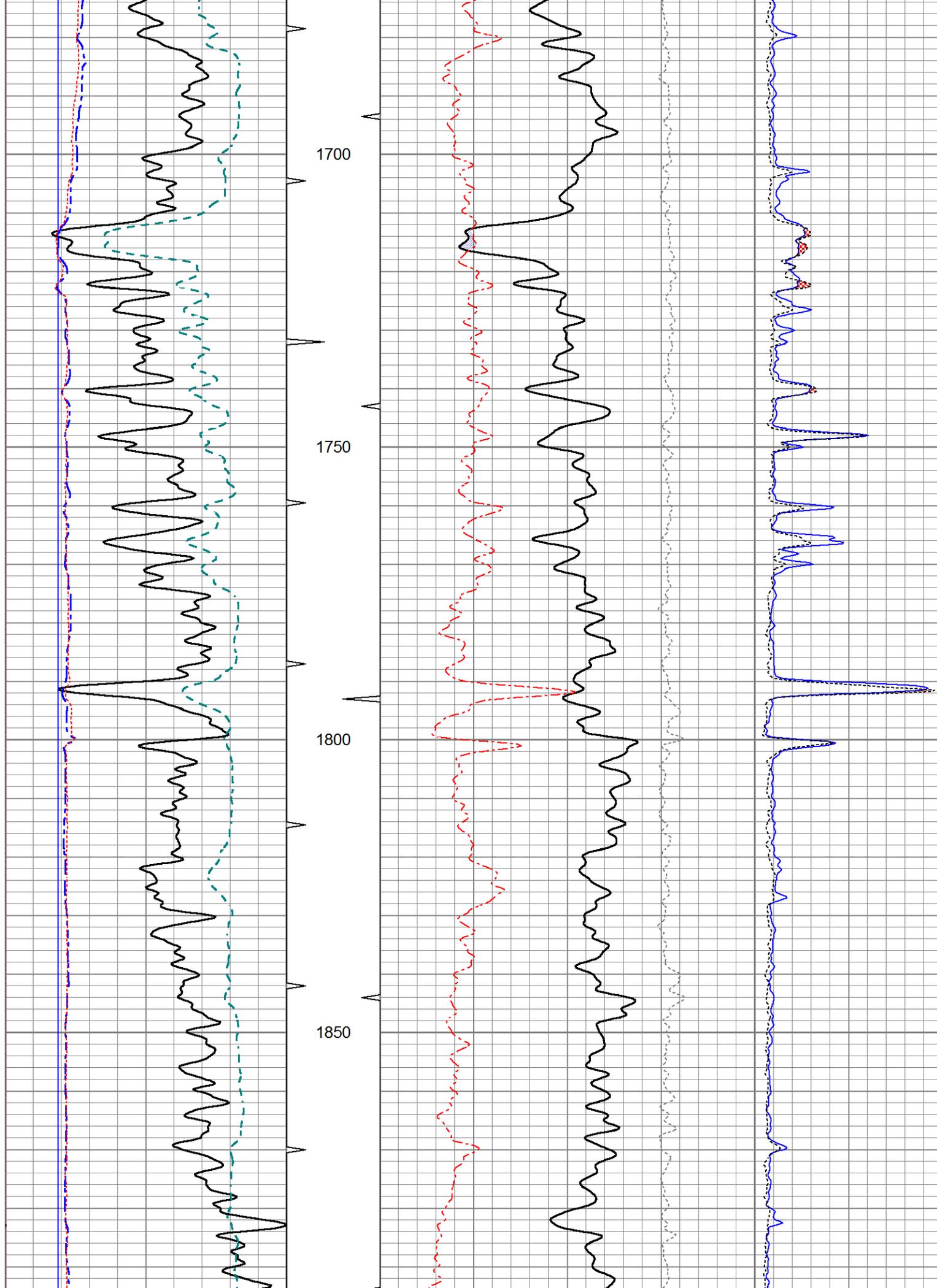


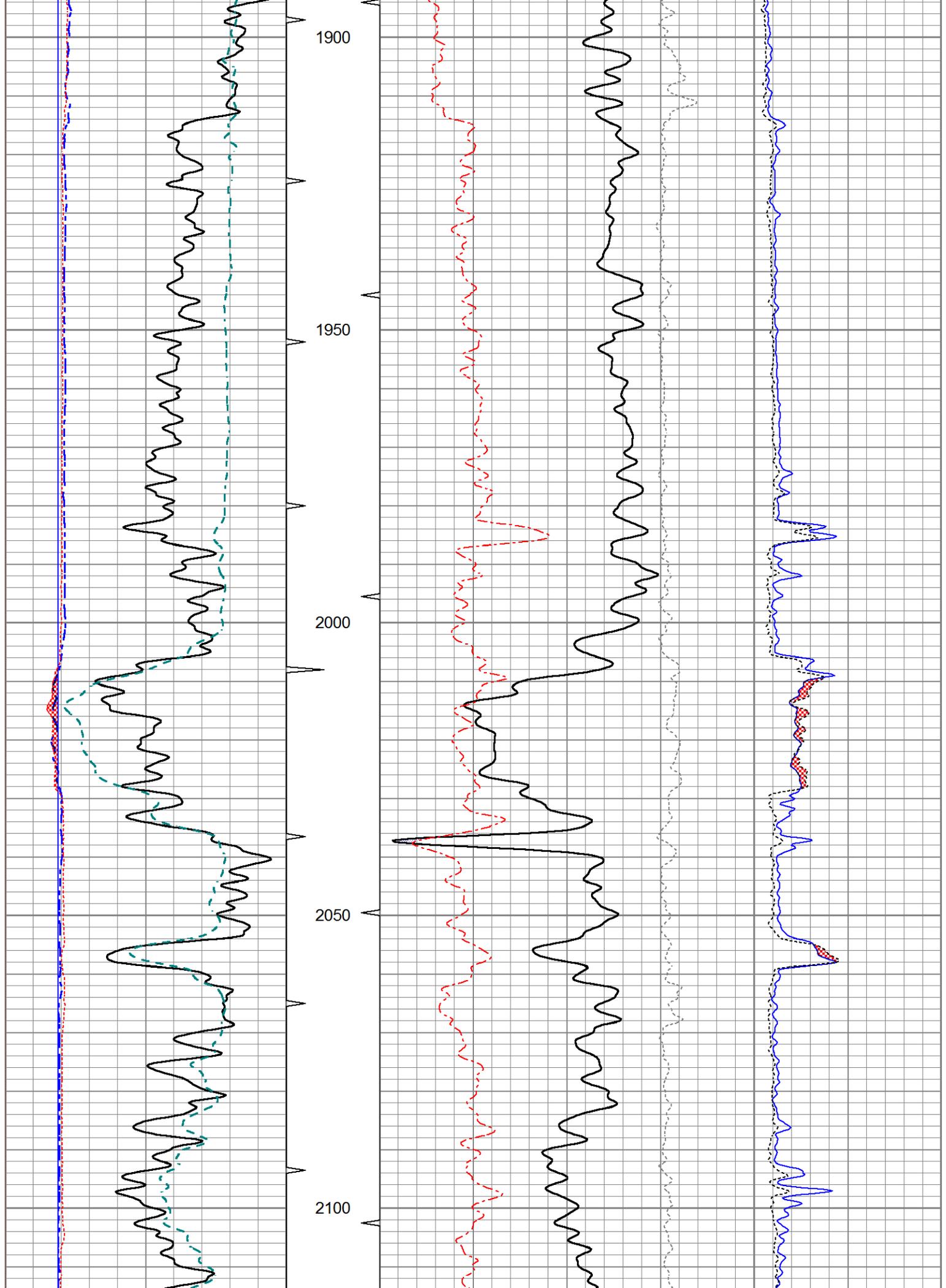


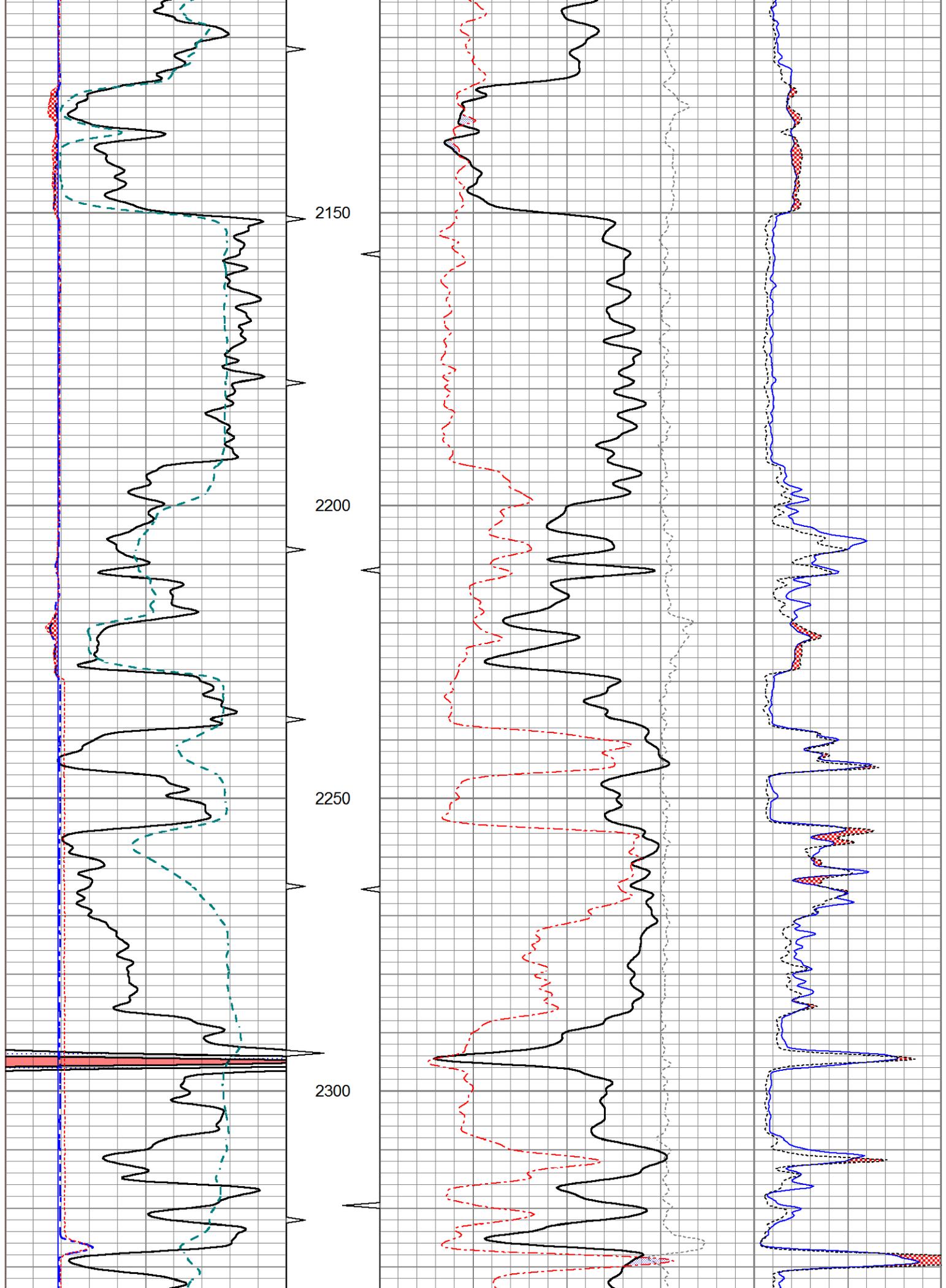


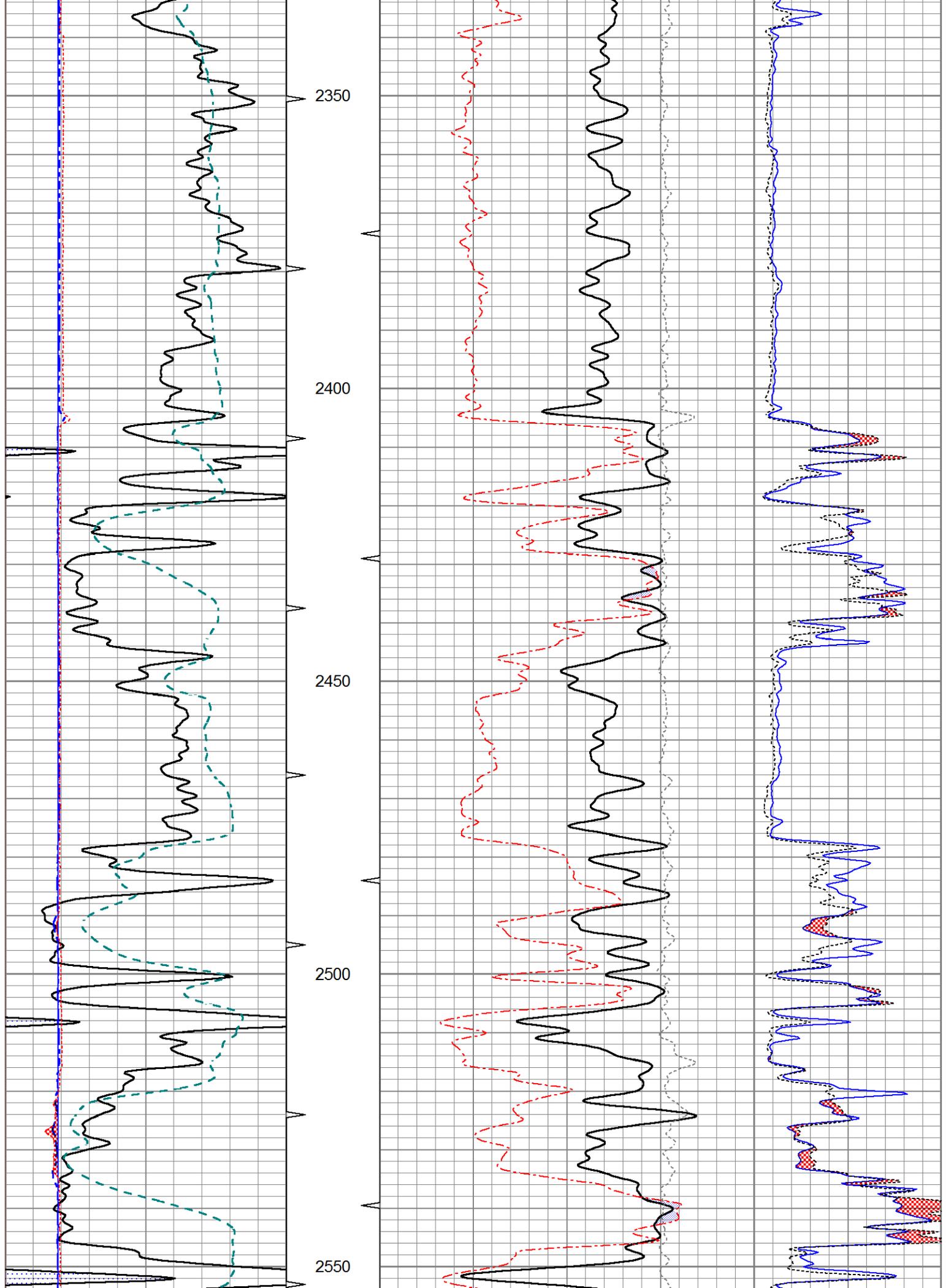


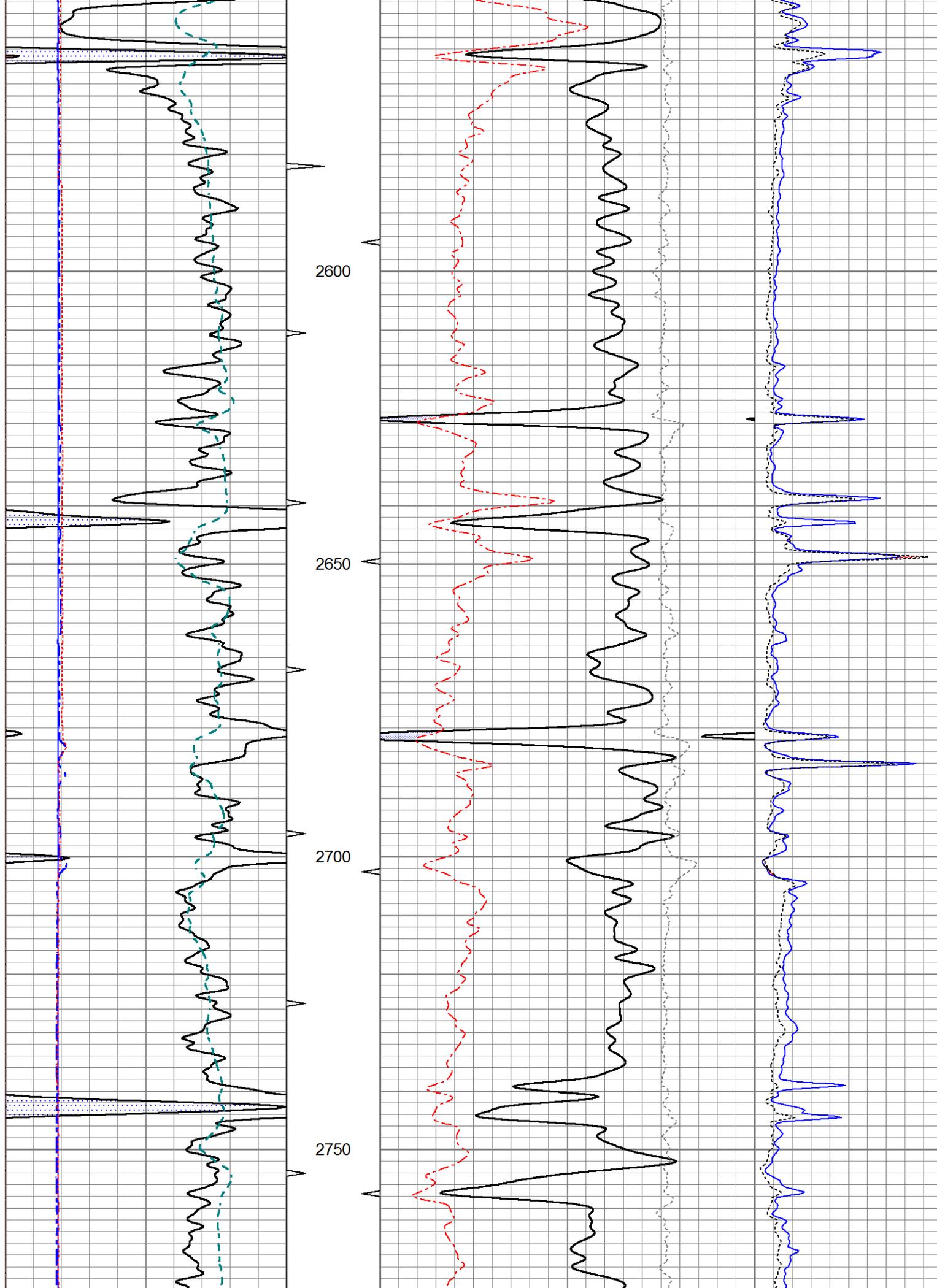


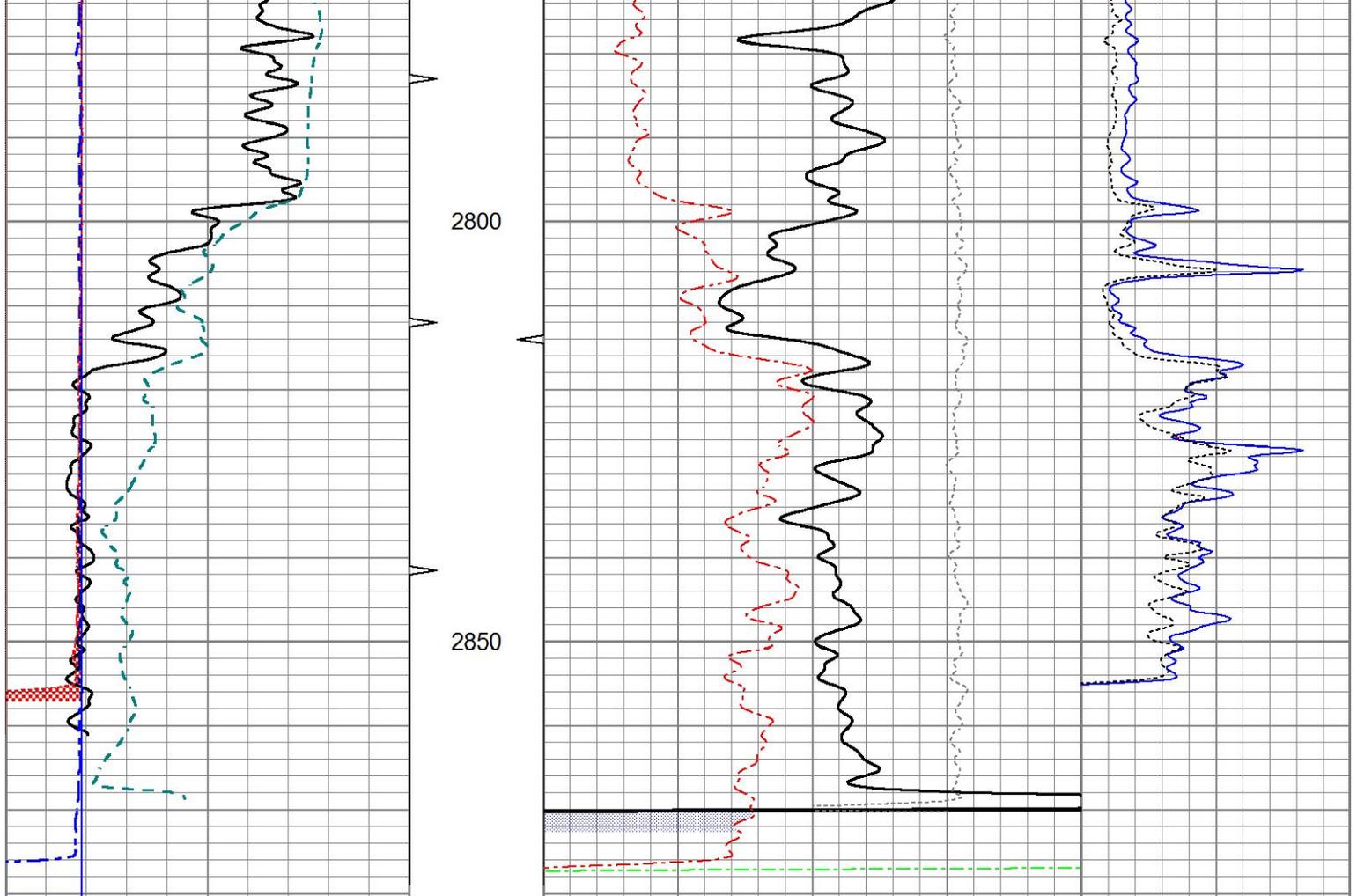












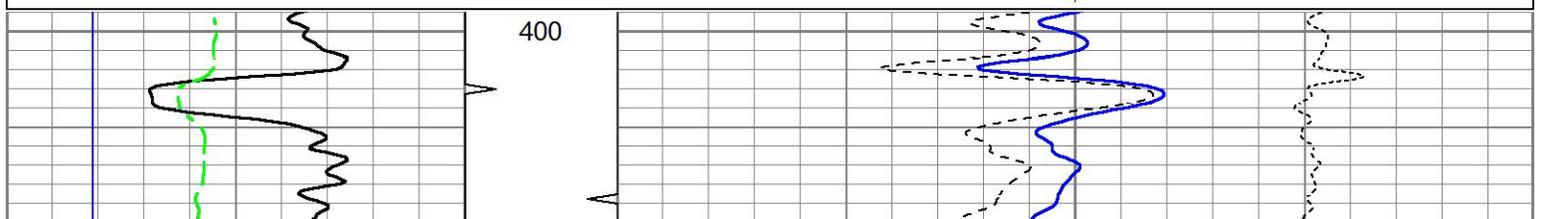
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6	Bit size (in)	16	ABHV	30	Neutron Porosity (pu)	-10	(Ohm-m)	40
6	Neutron Caliper (in)	16			Correction		Micro Normal	
6	Micro Caliper (in)	16			-0.5 (g/cc)	0.5	(Ohm-m)	40
0	SP (mV)	200						

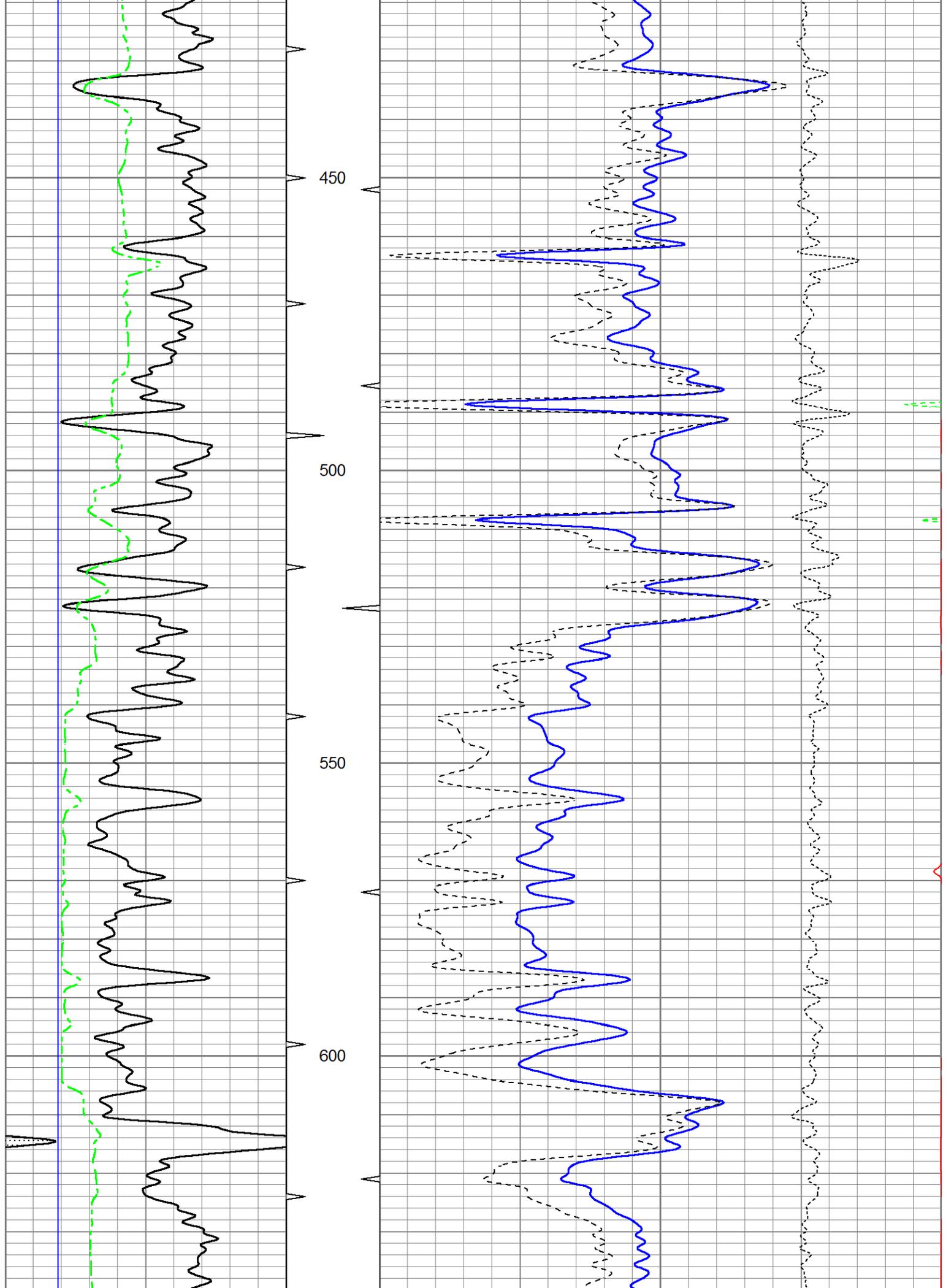


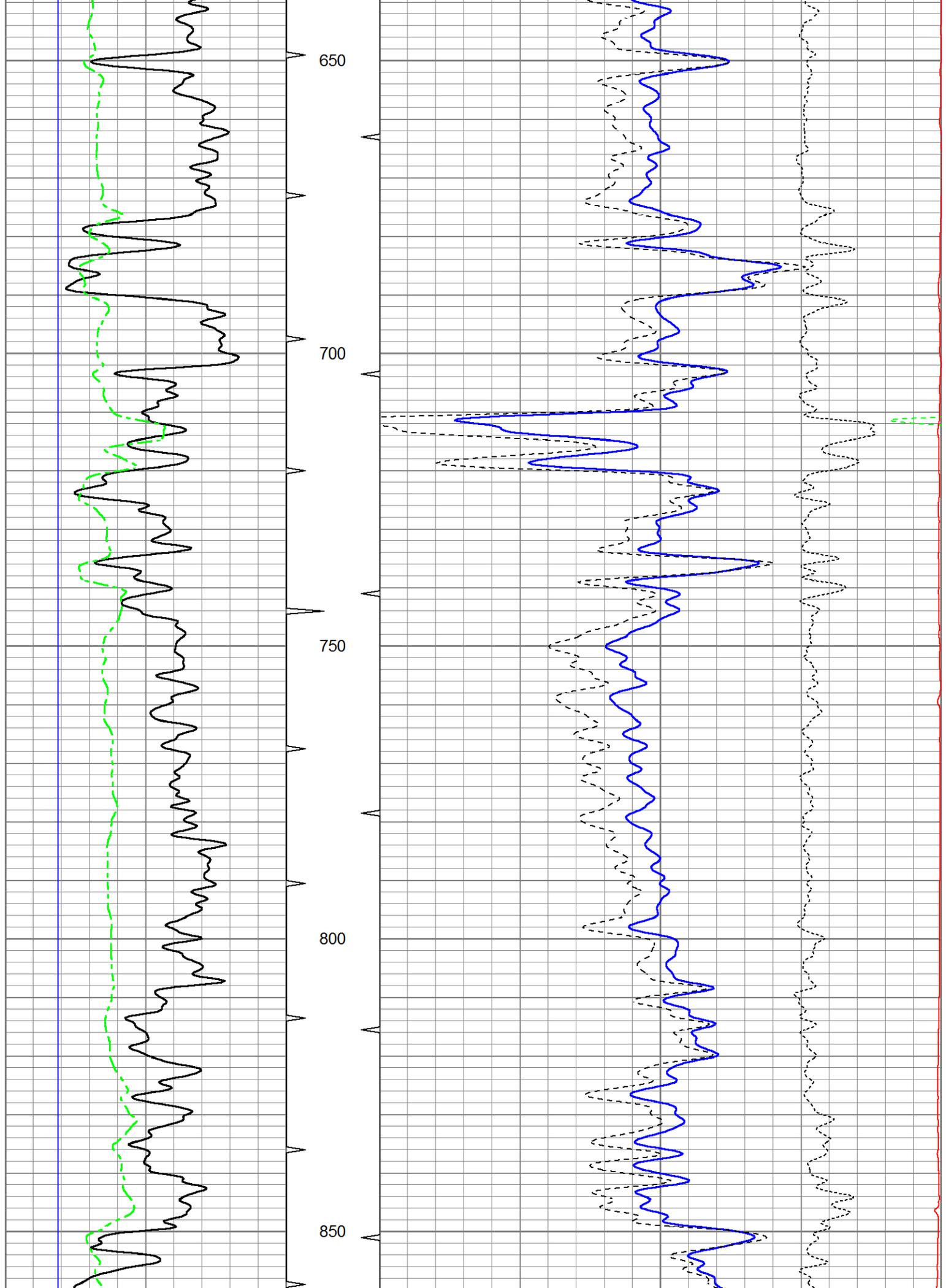
5" CDL SECTION

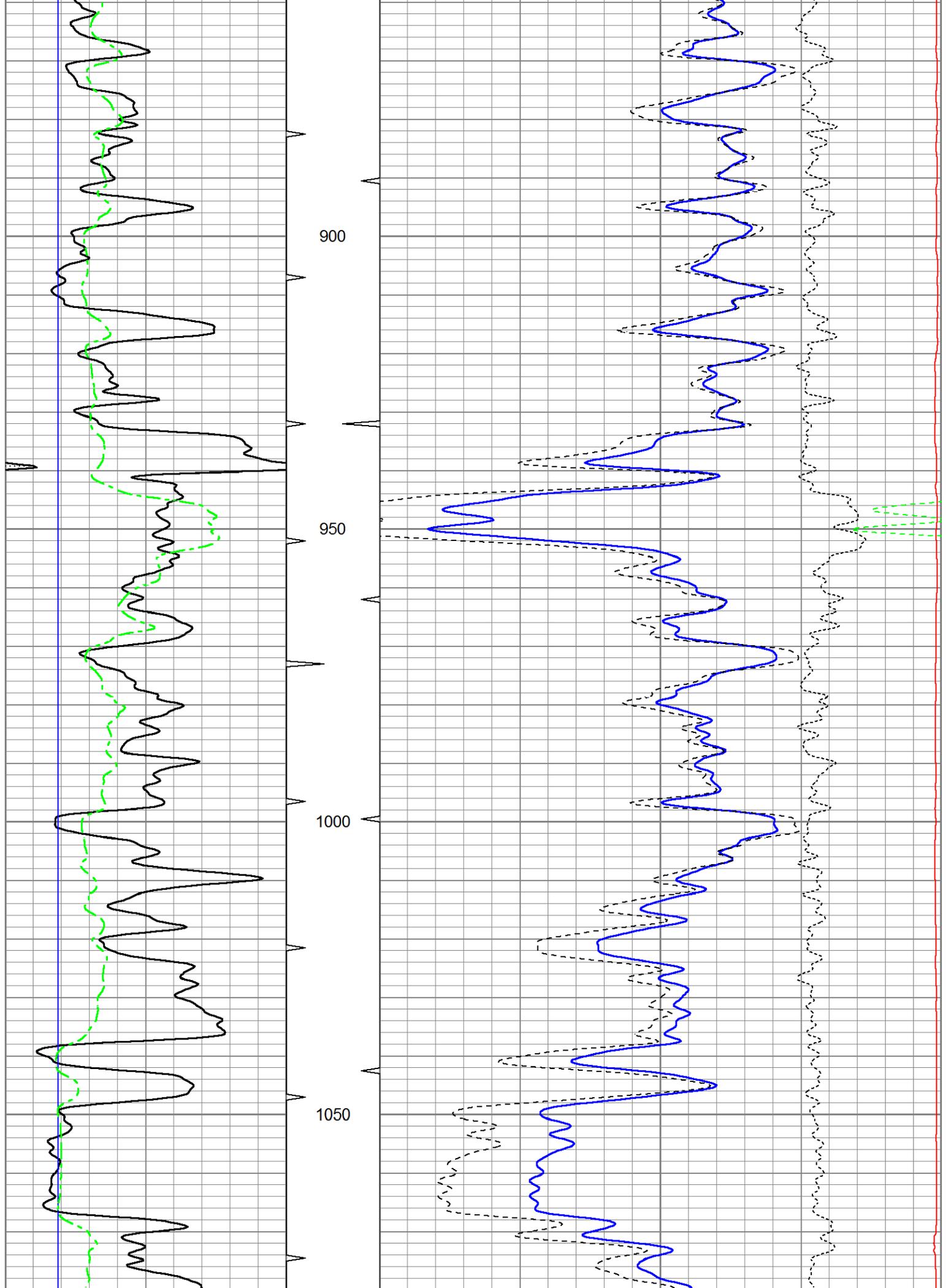
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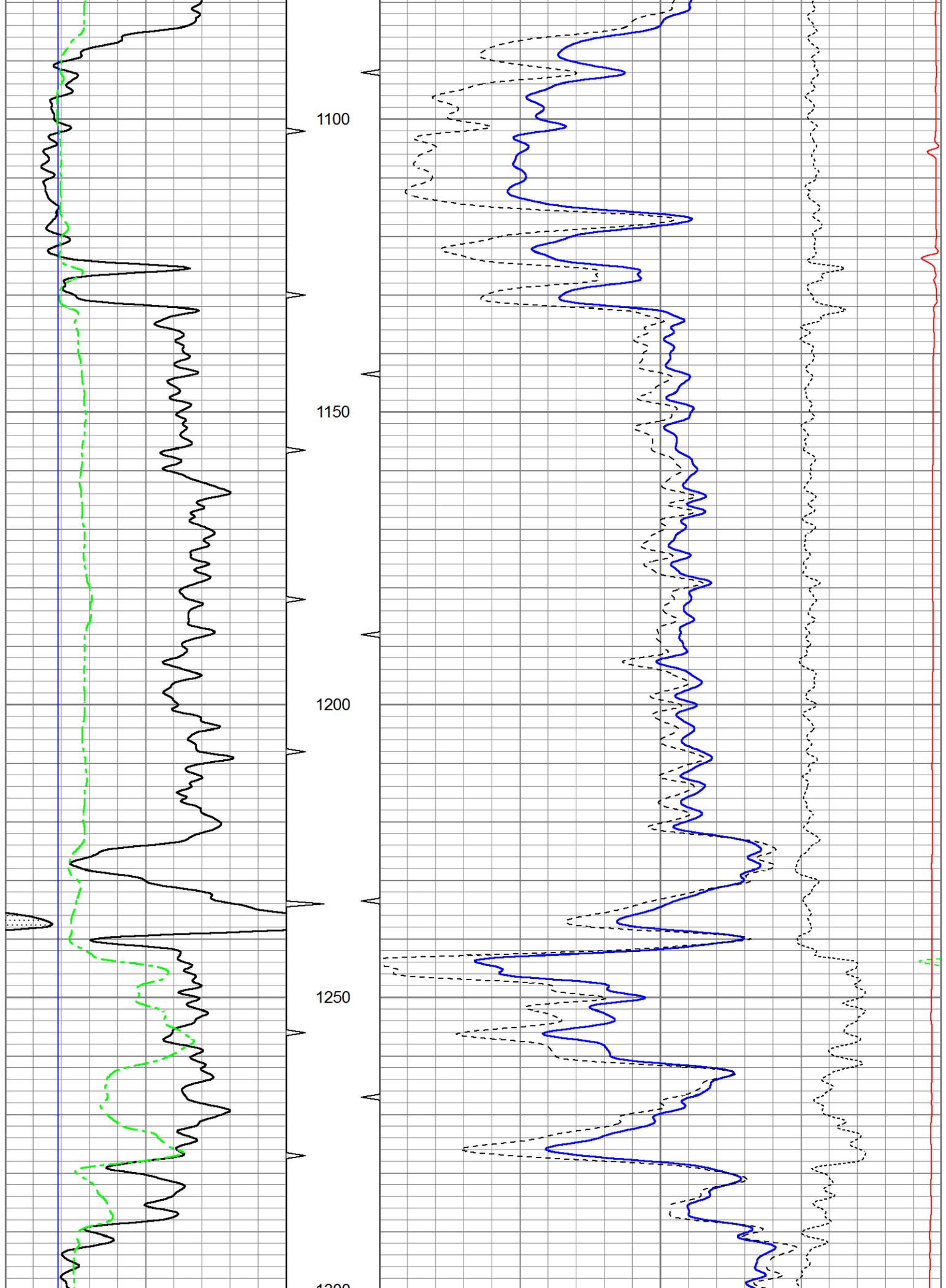
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6	Bit size (in)	16	ABHV	30	Density porosity (pu)	-10
6	Neutron Caliper (in)	16			-0.5 Correction (g/cc)	0.5
					5000 Line Tension (lb)	500

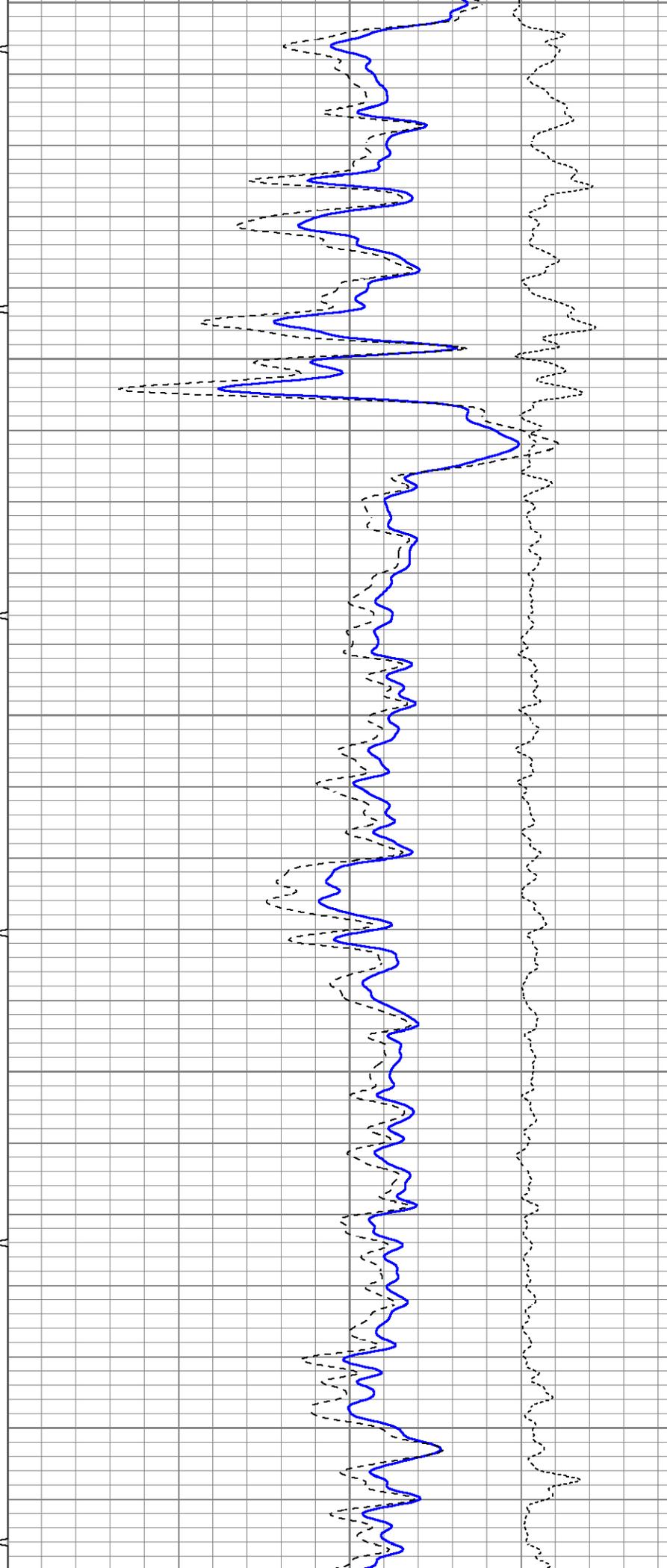
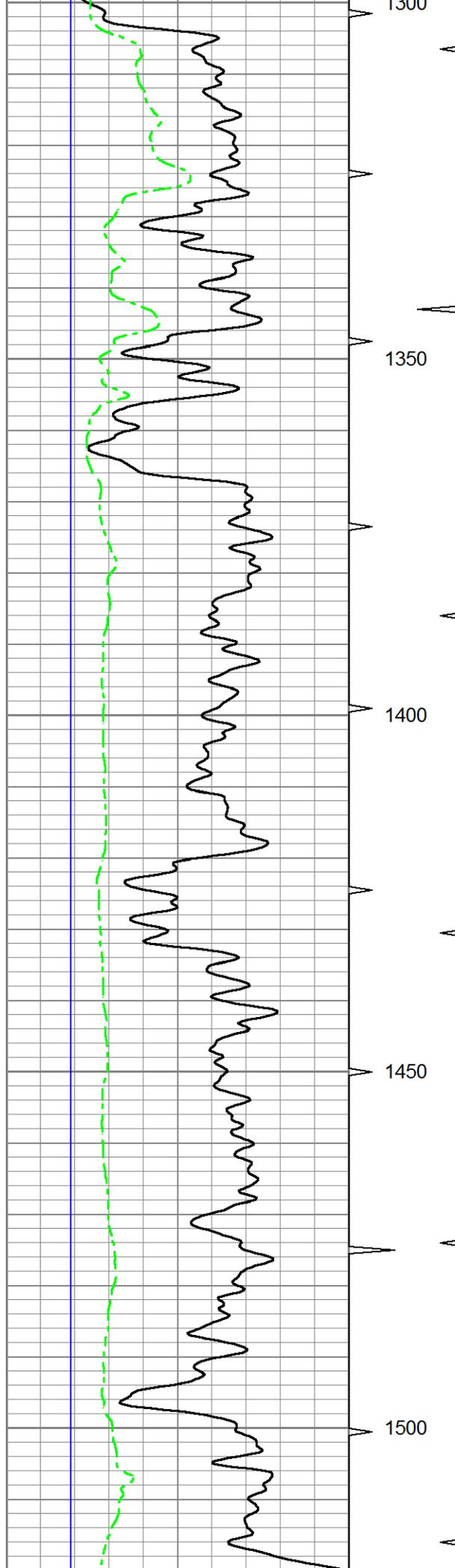


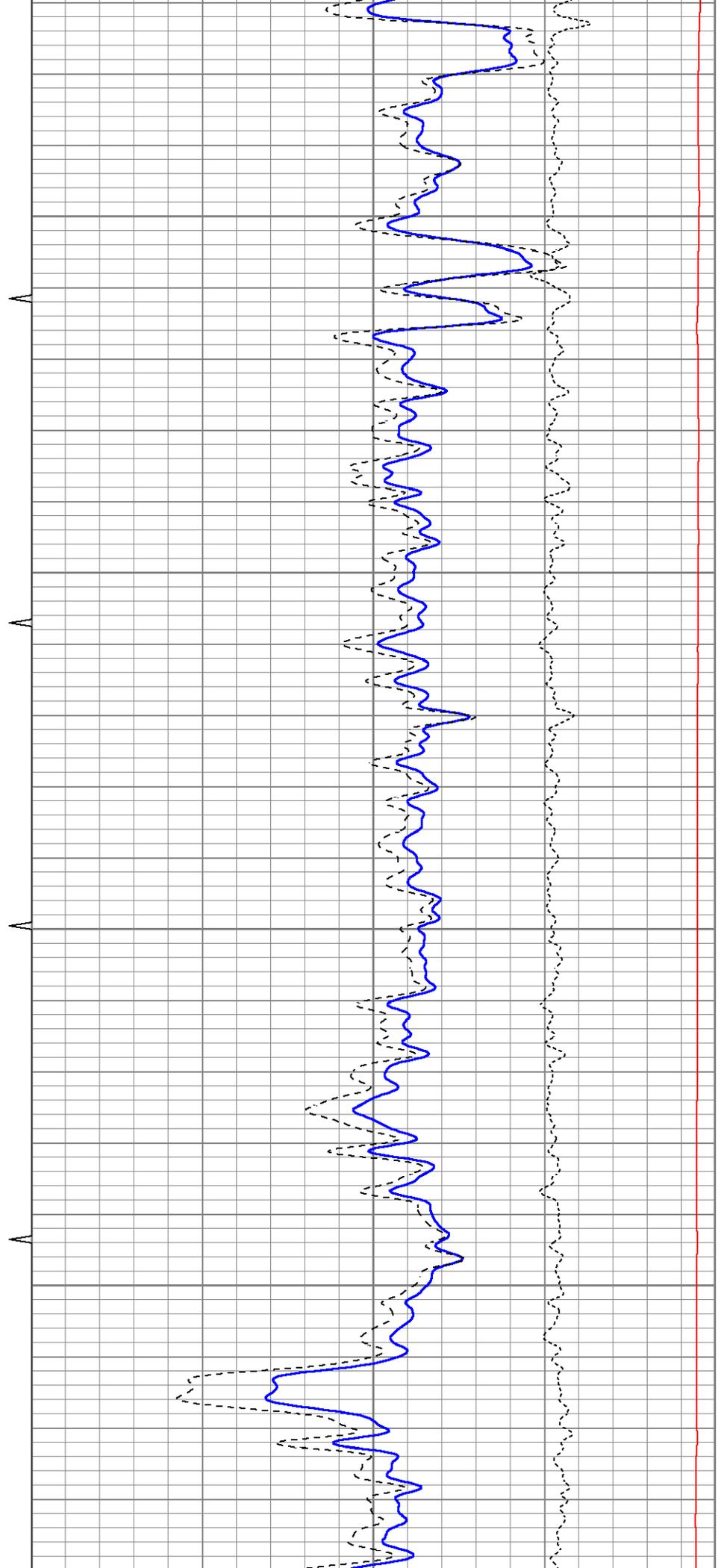
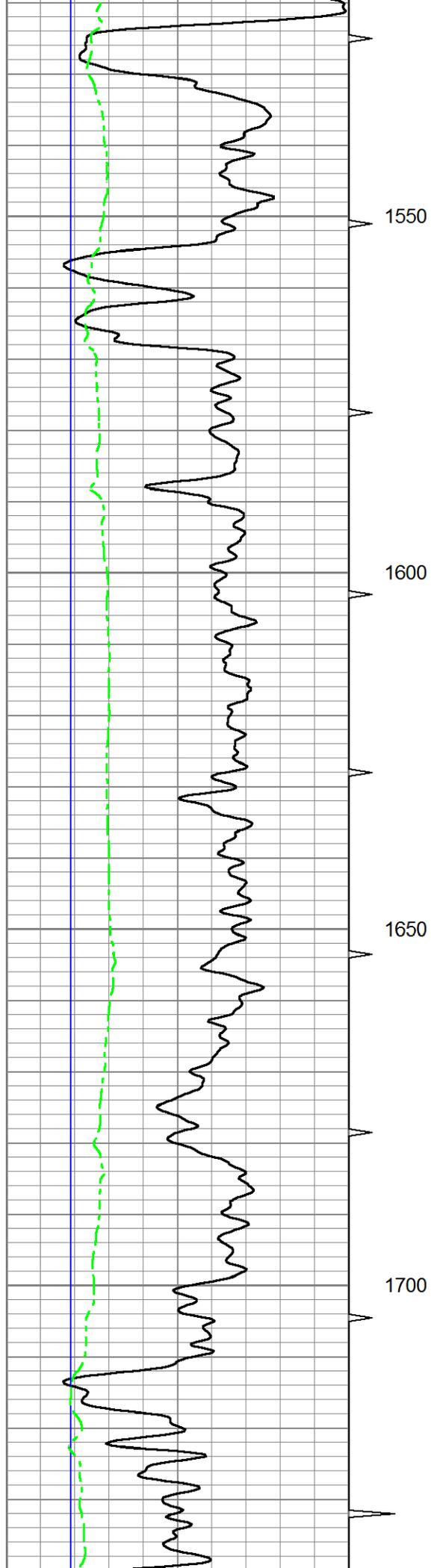


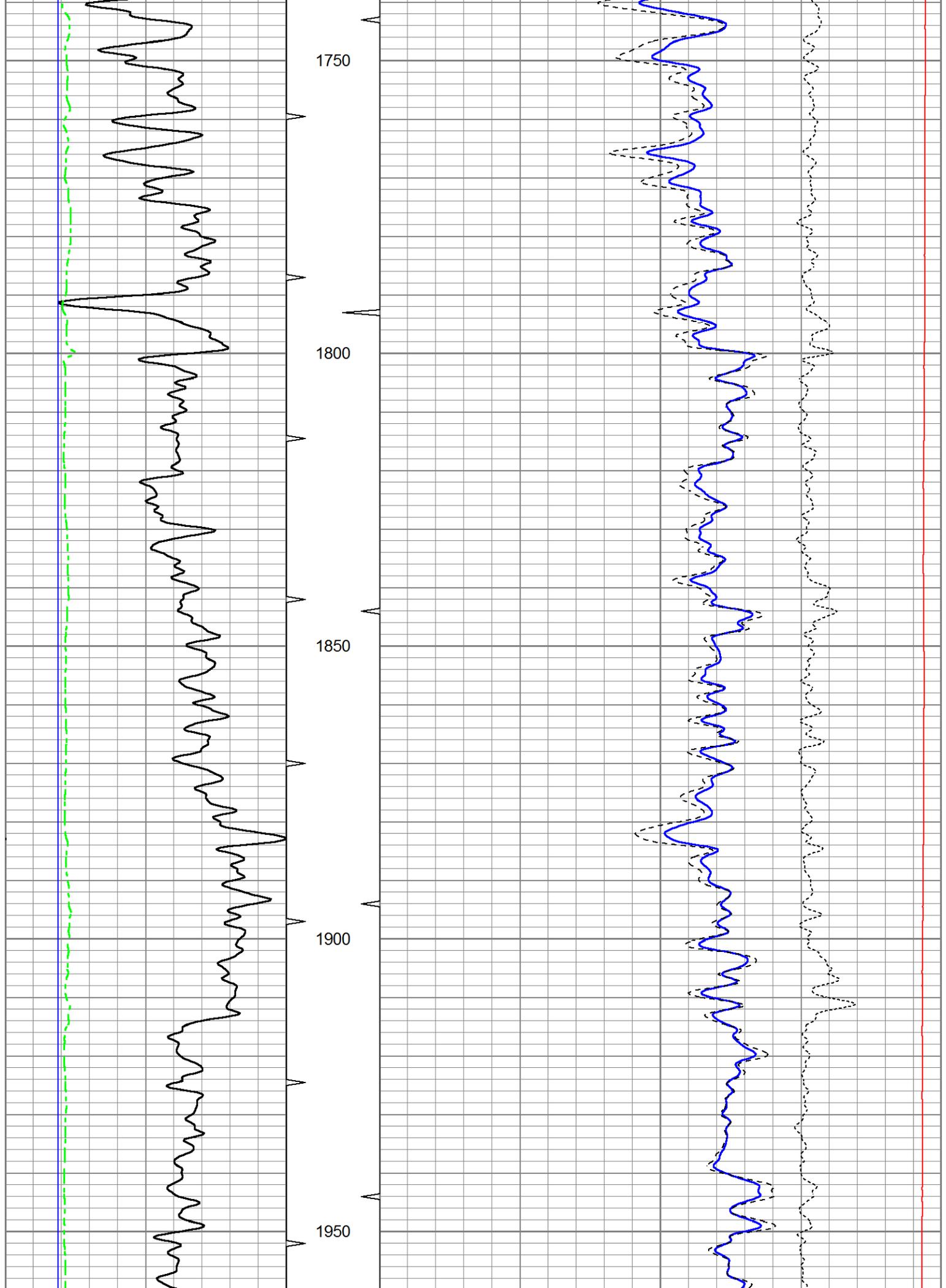


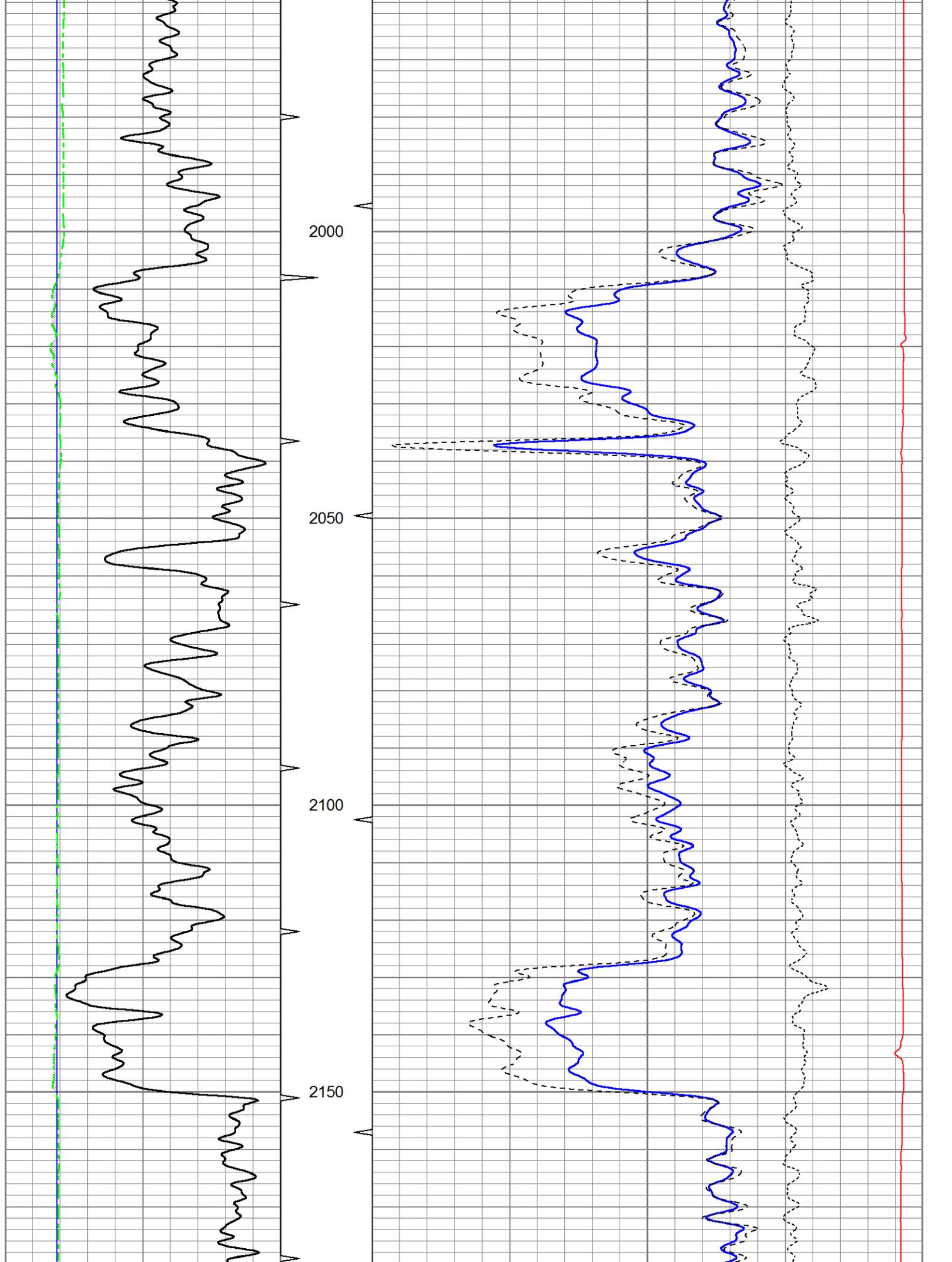


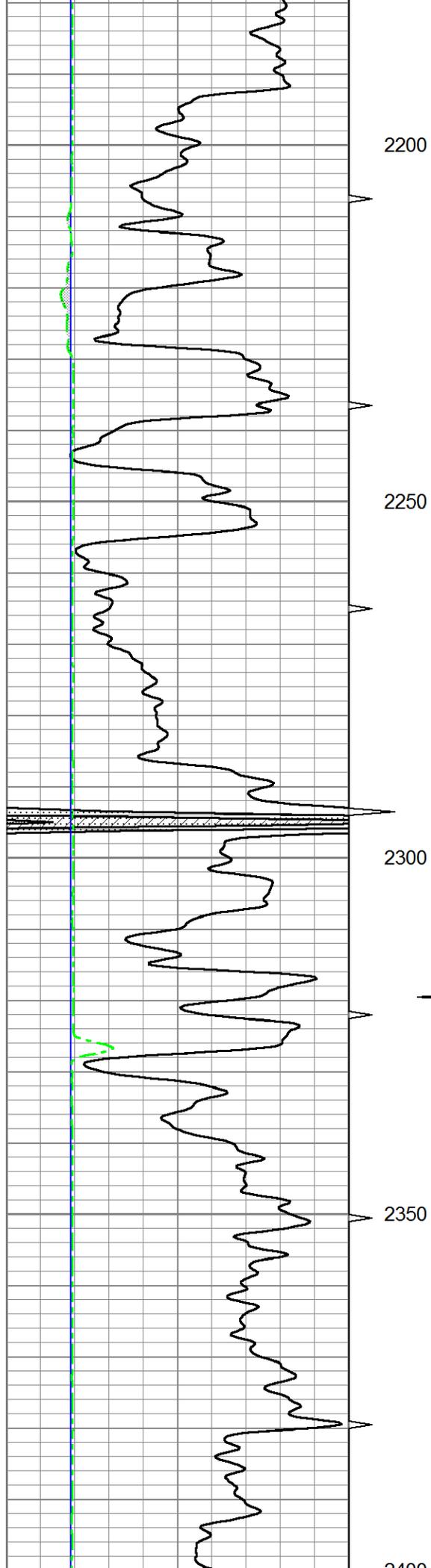












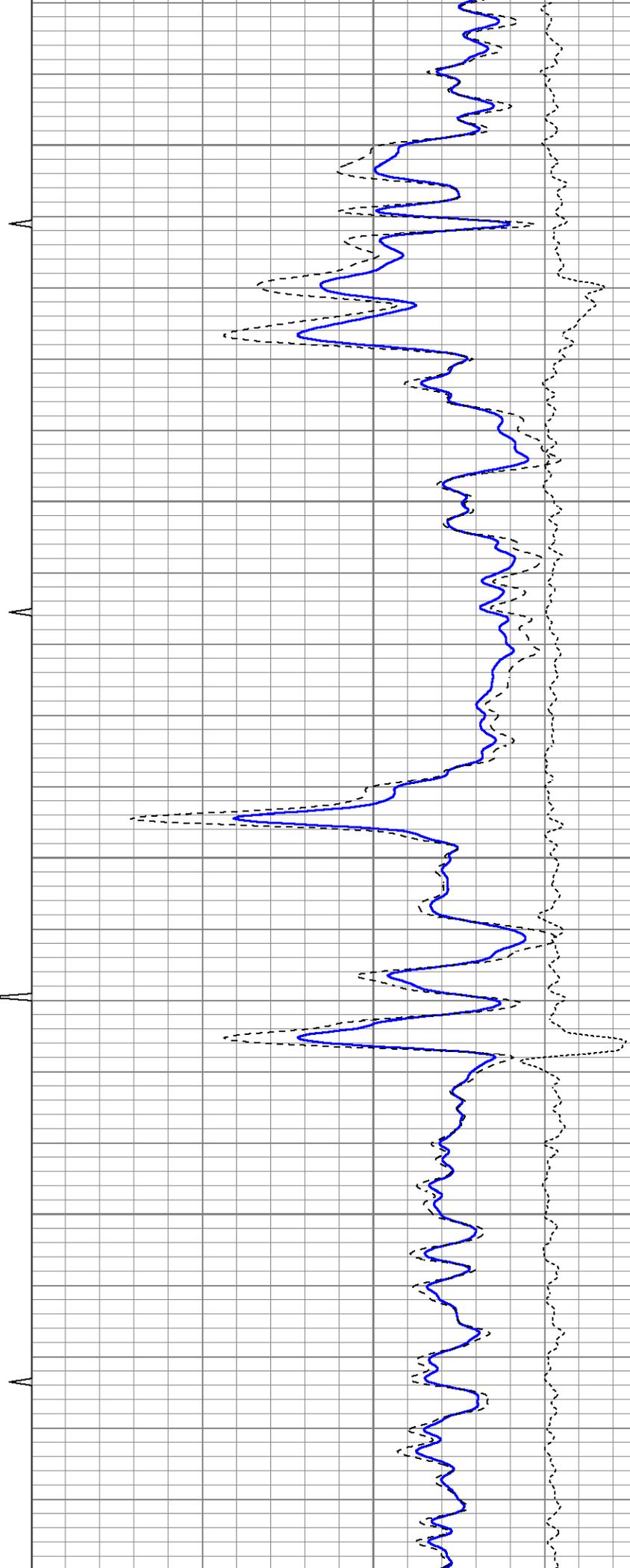
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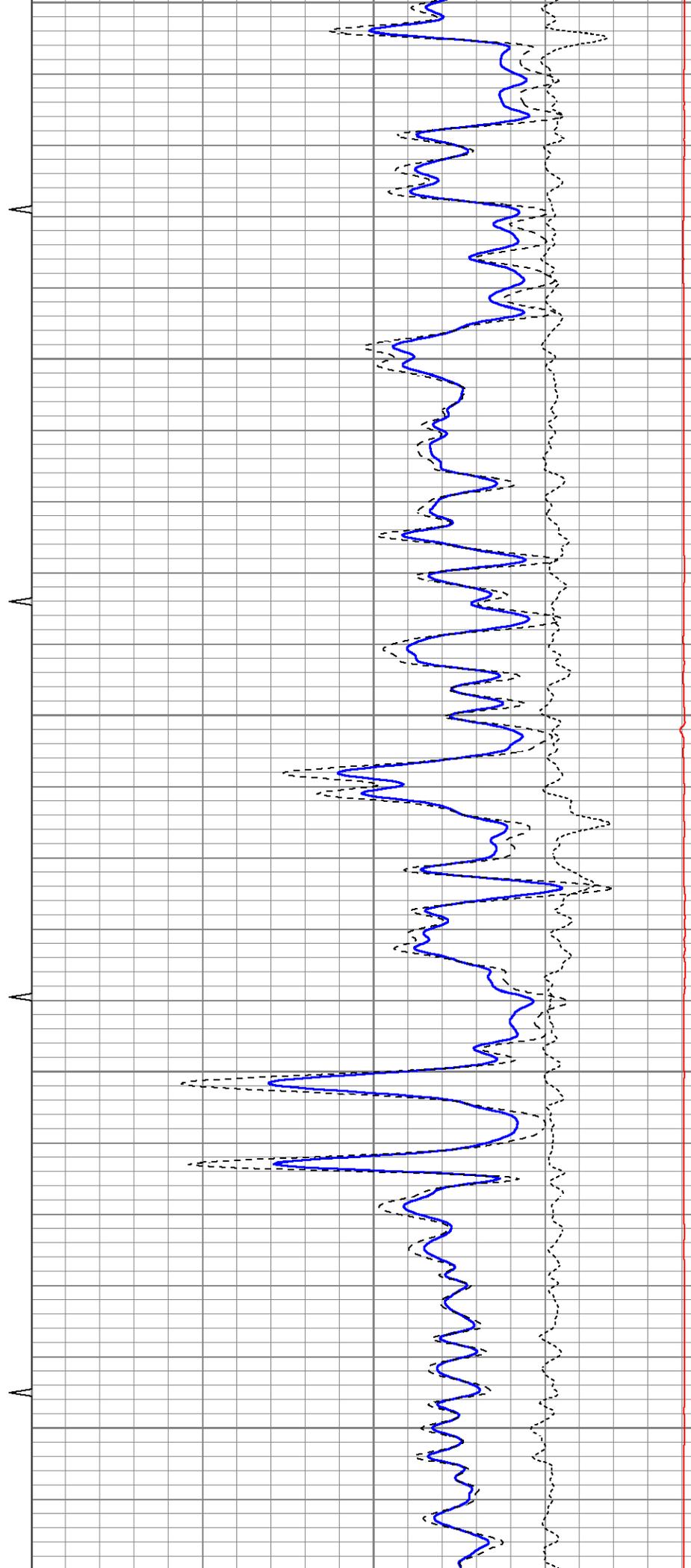
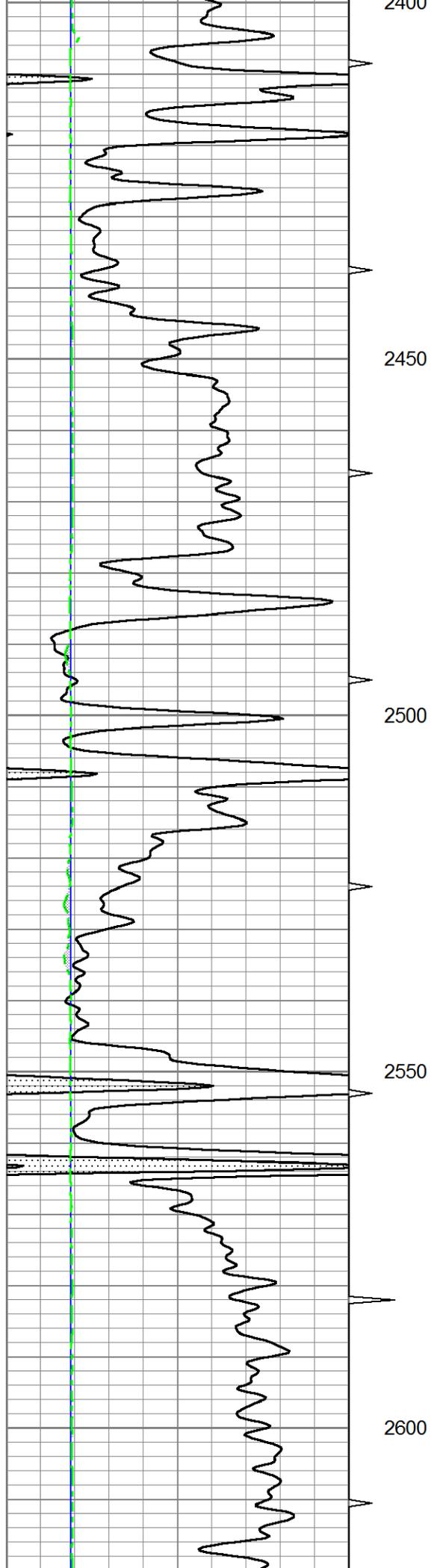
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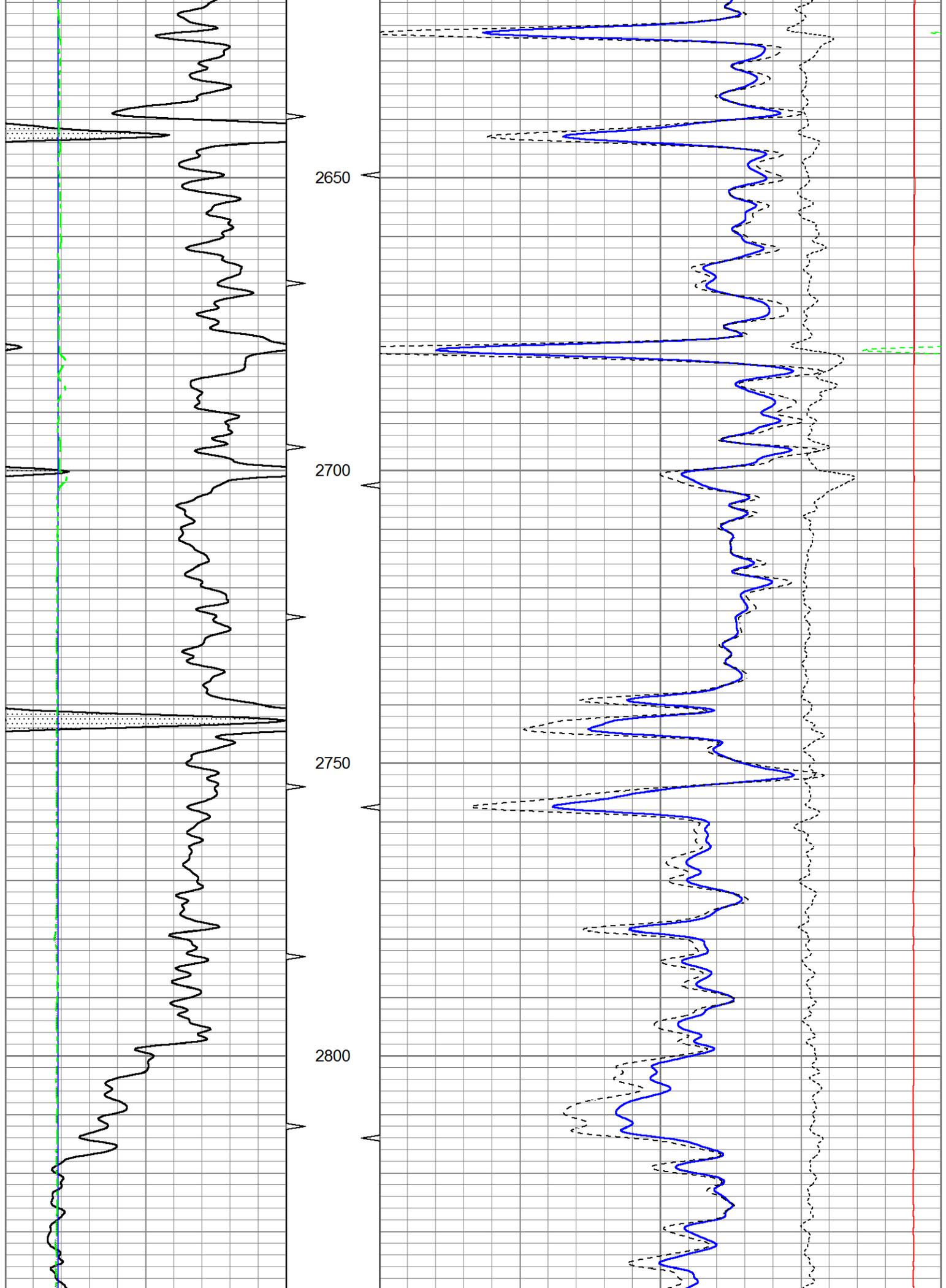
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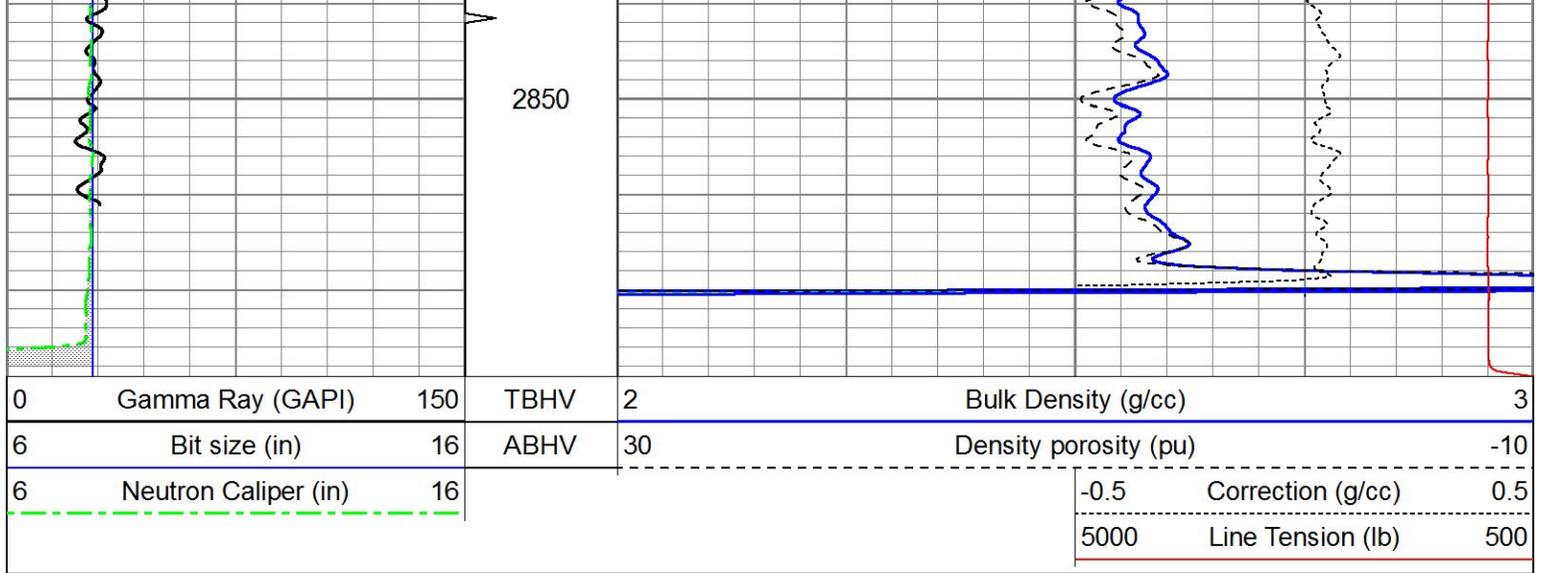
2350

2400









Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
GR	15.60		Cable-CableHead Isulation Sub	1.42	3.00	20.00
			Gamma-Oilex2122 (2122) Gamma Ray Section	2.83	3.50	75.00
LSD	10.21		Density-Oilex2226 (2226) Density Section	6.08	4.00	200.00
DCAL	9.94					
SSD	9.76					
SCAL	2.54		Neutron-Sidewall3015 (3015) Sidewall Neutron Section	7.81	4.00	150.00
SWN	2.15					
NEU	2.15					

Dataset: ow2-8982 marmik oil.db: field/well/CDLN/pass1
 Total length: 18.15 ft
 Total weight: 445.00 lb
 O.D.: 4.00 in