



County Weld State Colorado

K.B.	5089"
D.F.	---
G.L.	5063"

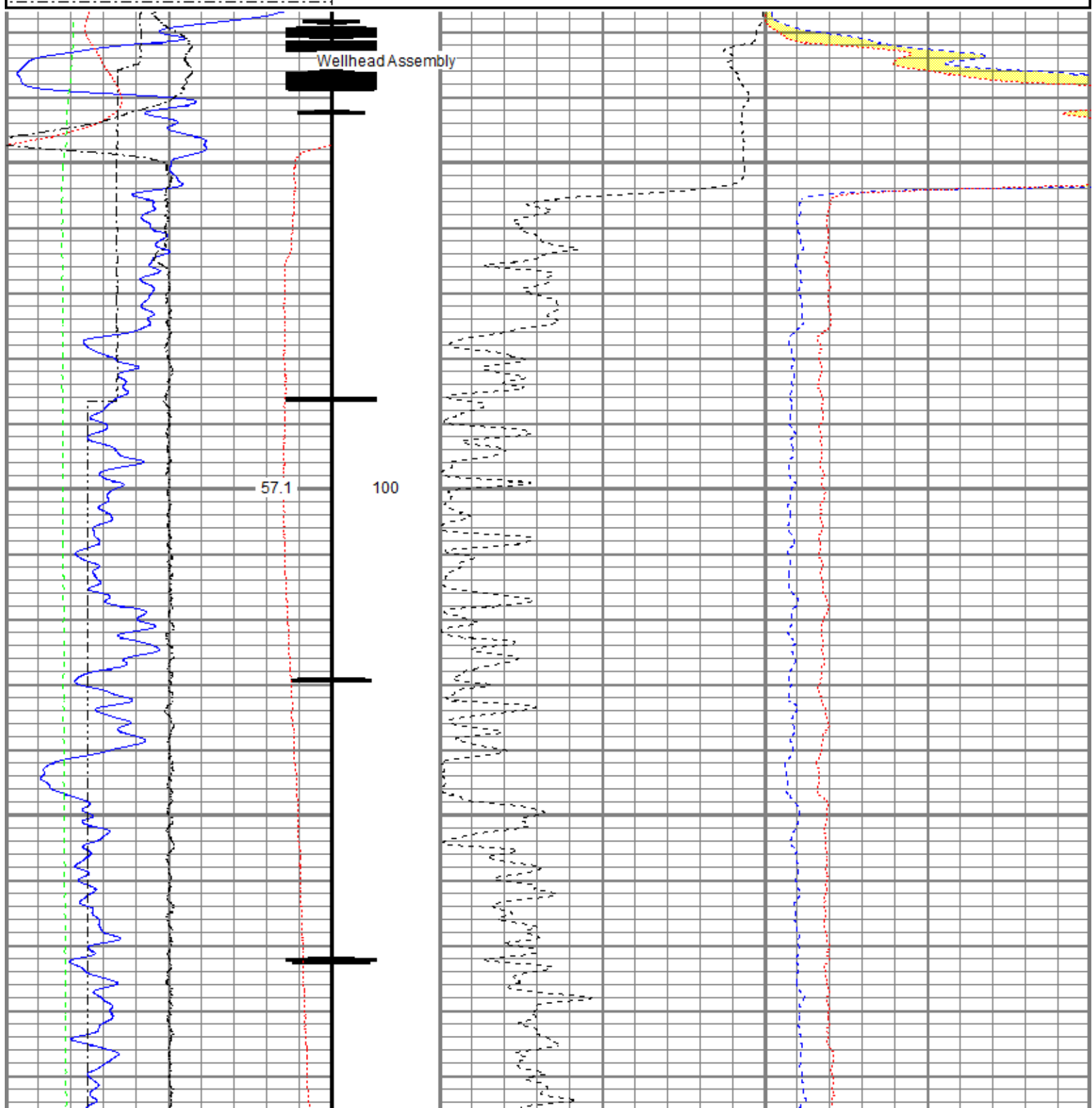
intermediate #2			
ner			

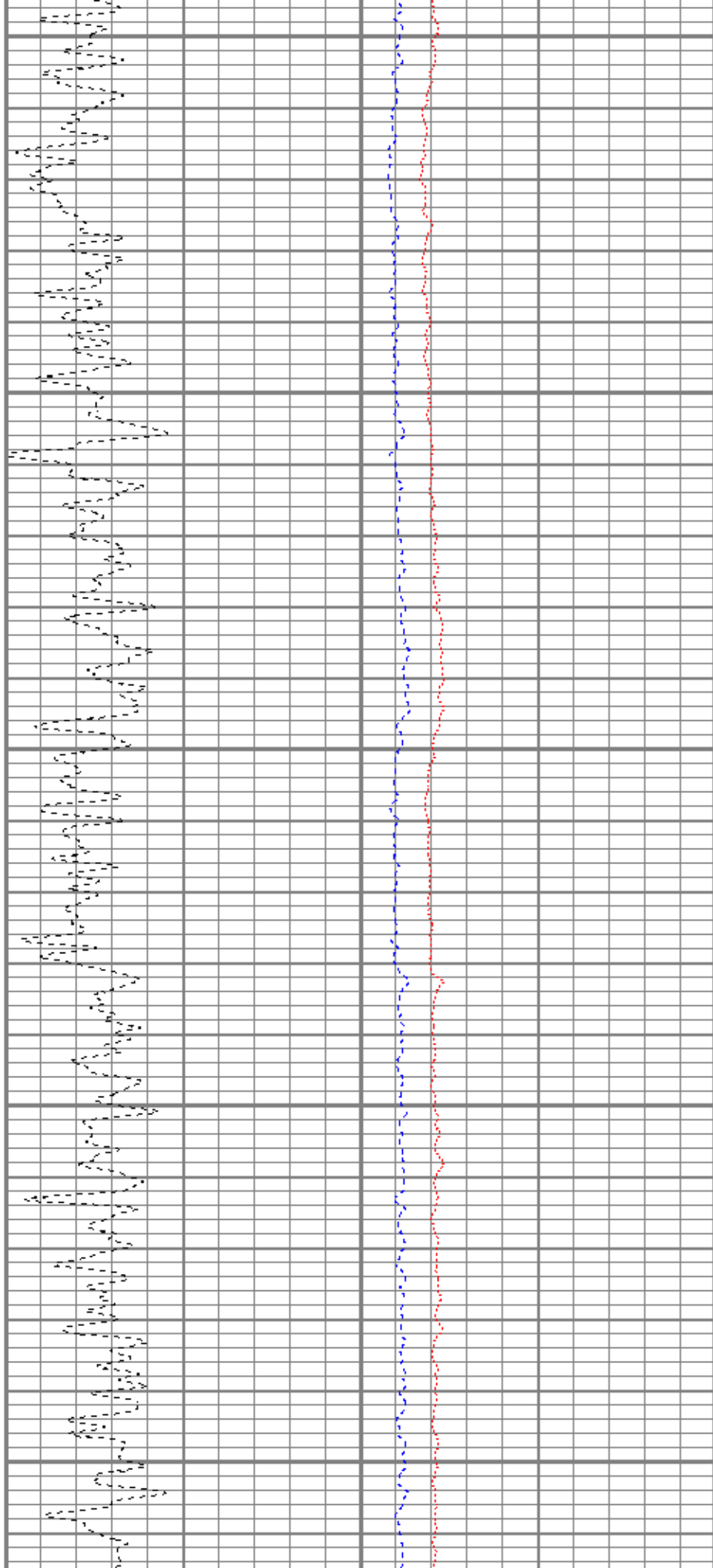
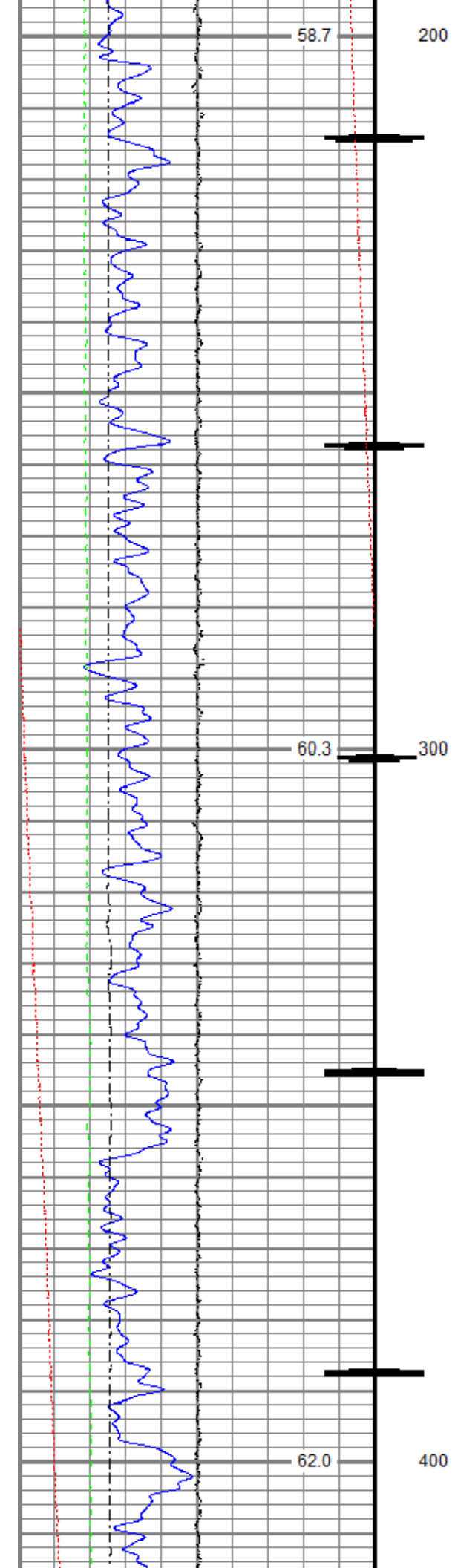


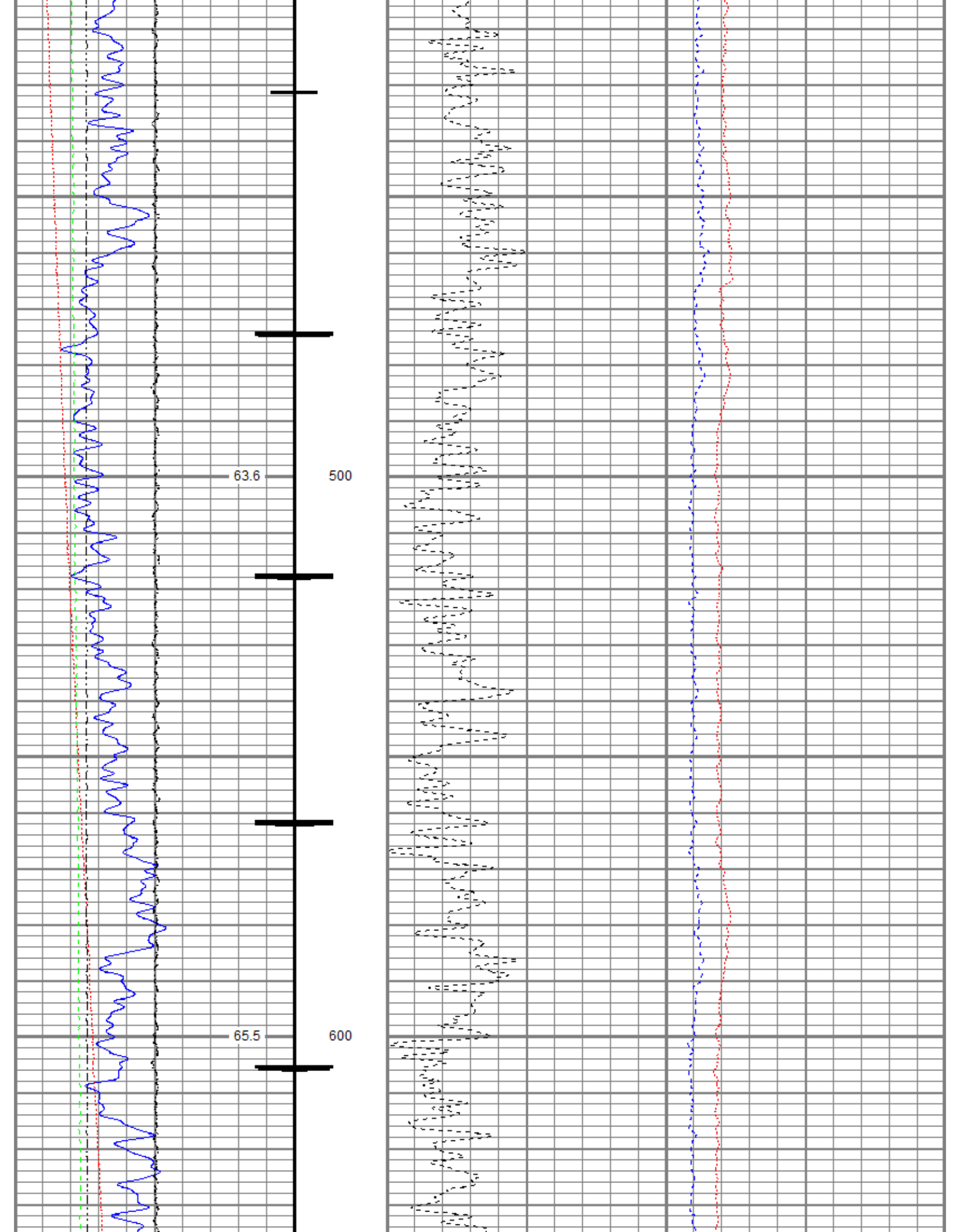
RELIANCE
OILFIELD SERVICES

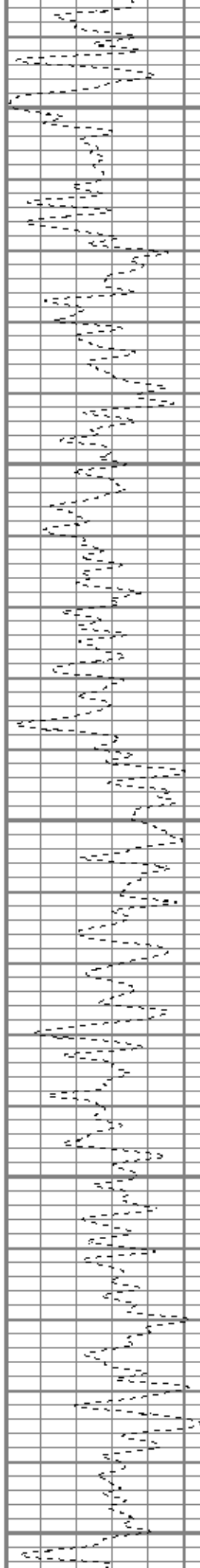
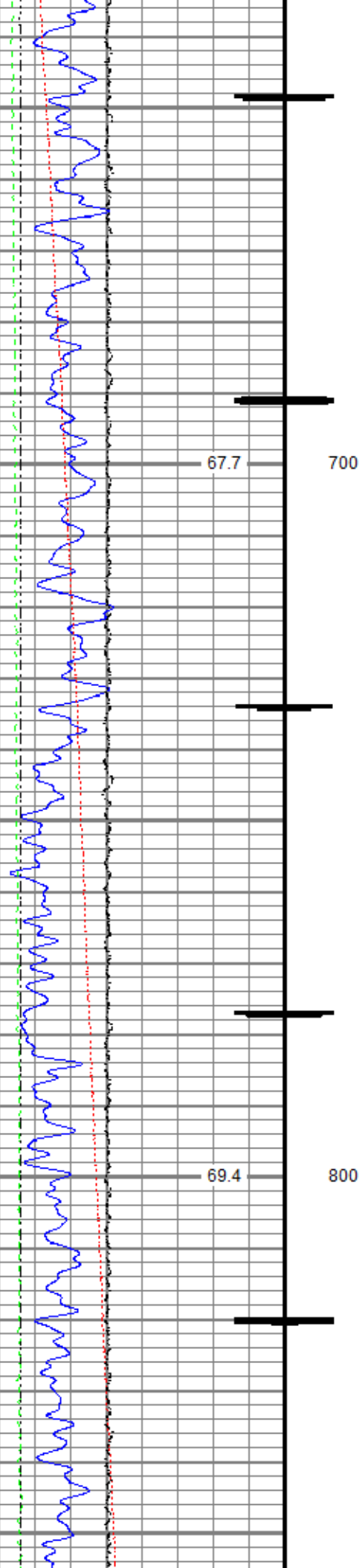
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Dataset Pathname	merge1.1
Presentation Format	ros_cnl_probe
Dataset Creation	Thu Mar 22 15:05:00 2018
Charted by	Depth in Feet scaled 1:240

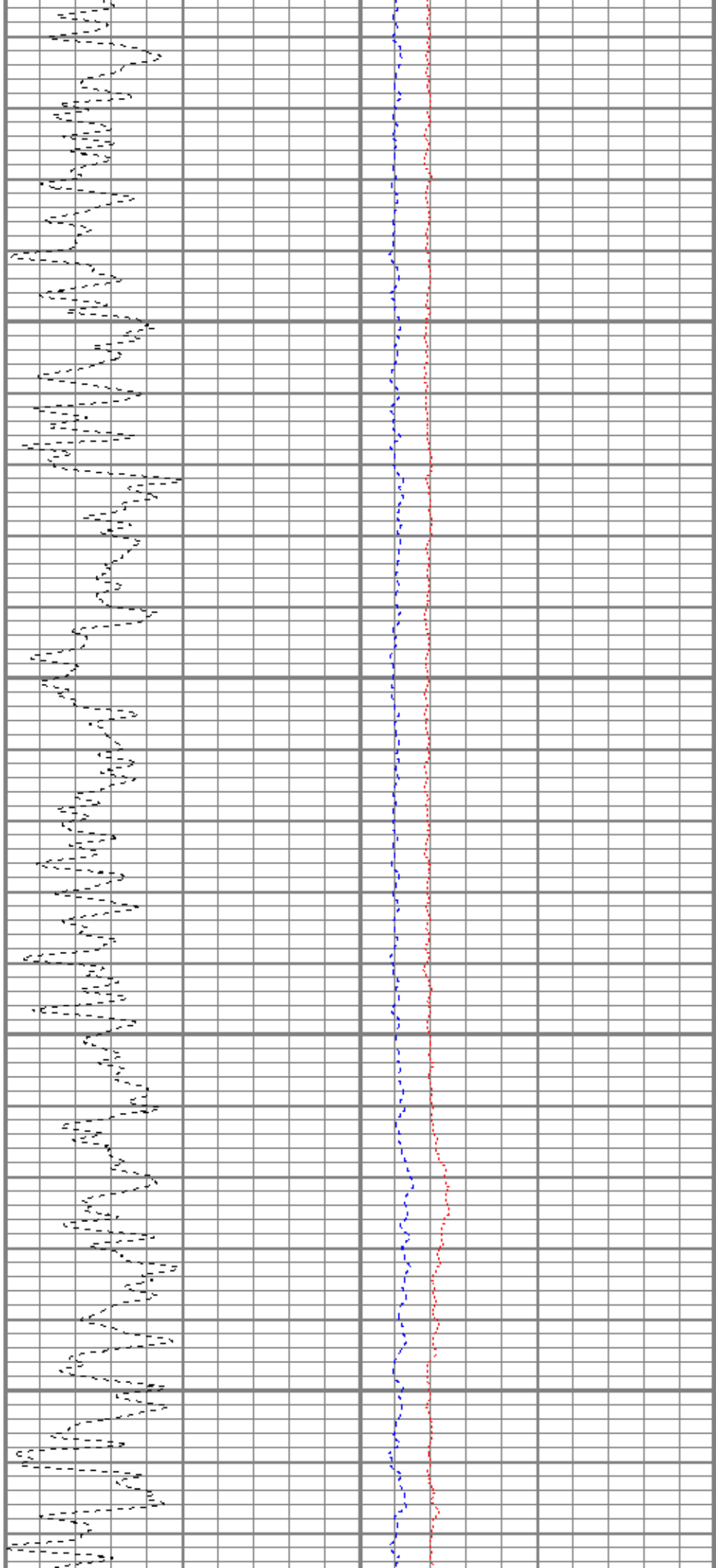
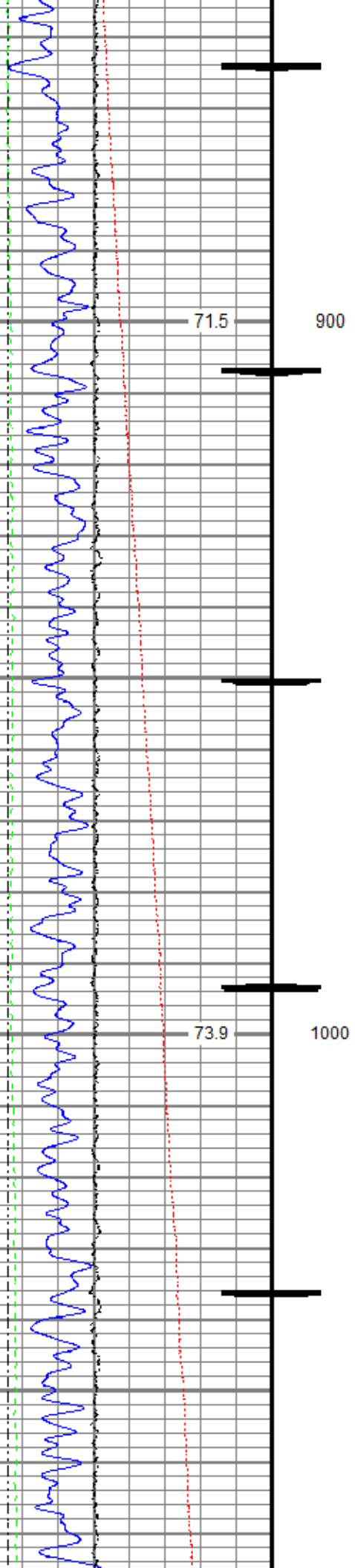
0	Gamma Ray (GAPI)	120	60	Neutron Porosity (pu)	0	0	Far Neutron (cps)	1000
Casing Collar Locator						0	Near Neutron (cps)	5000
0	Temperature (degF)	20						
-100	Line Speed (ft/min)	100						
0	Line Tension (lb)	2000						
-2	Differential Temperature (degF)	2						

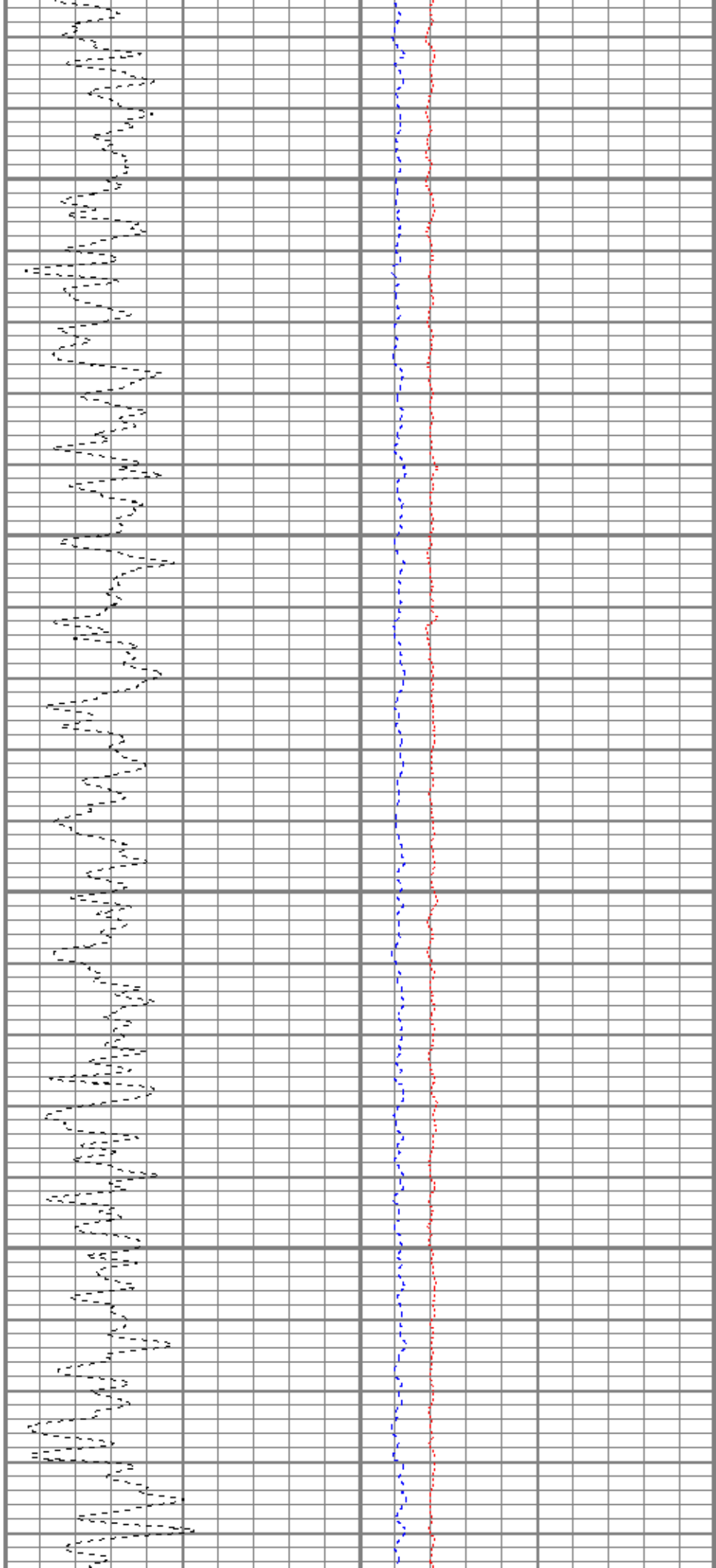
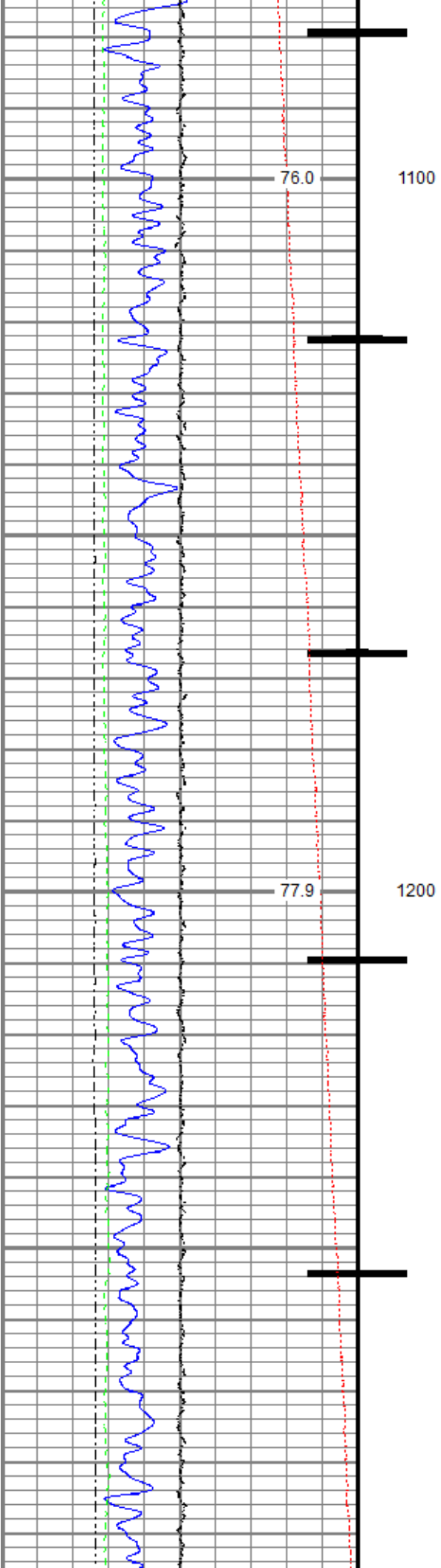


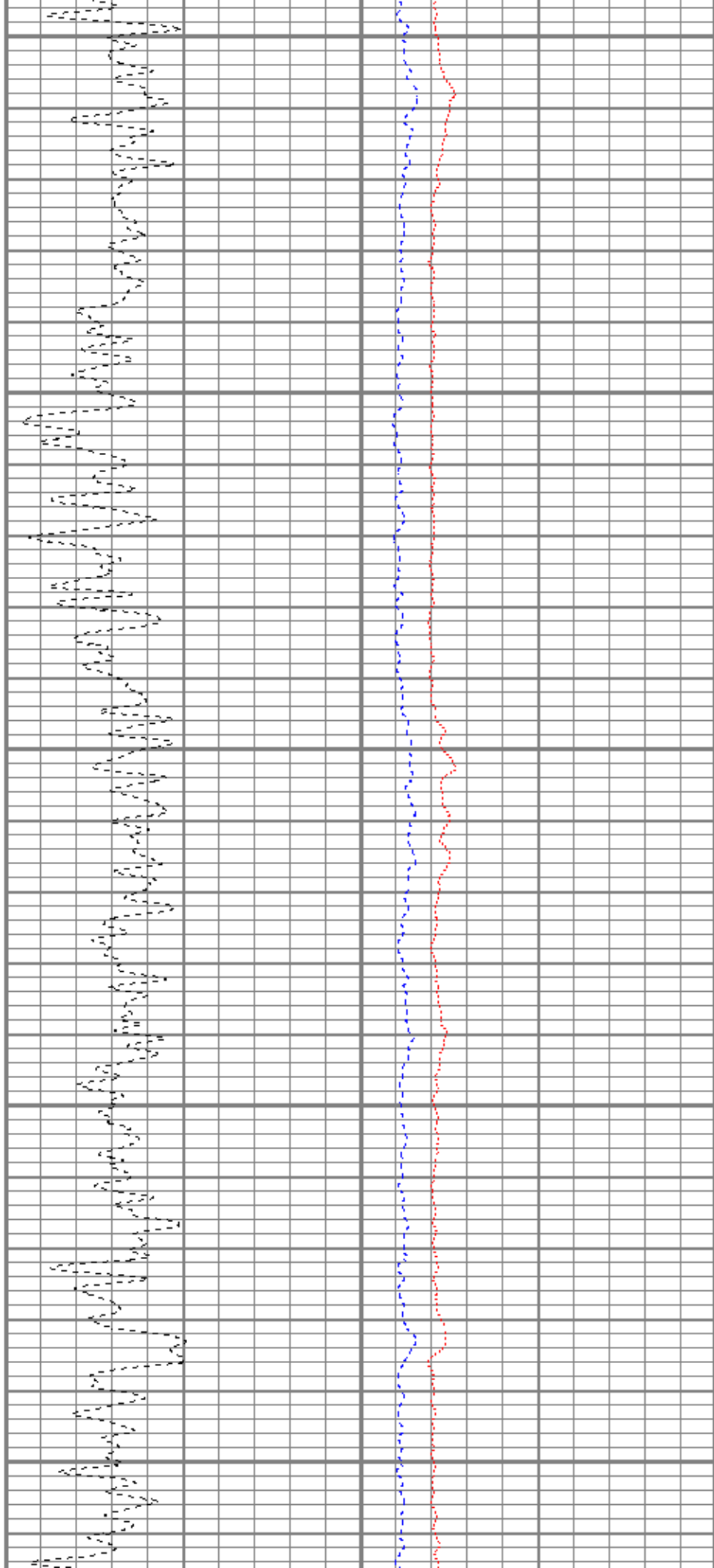
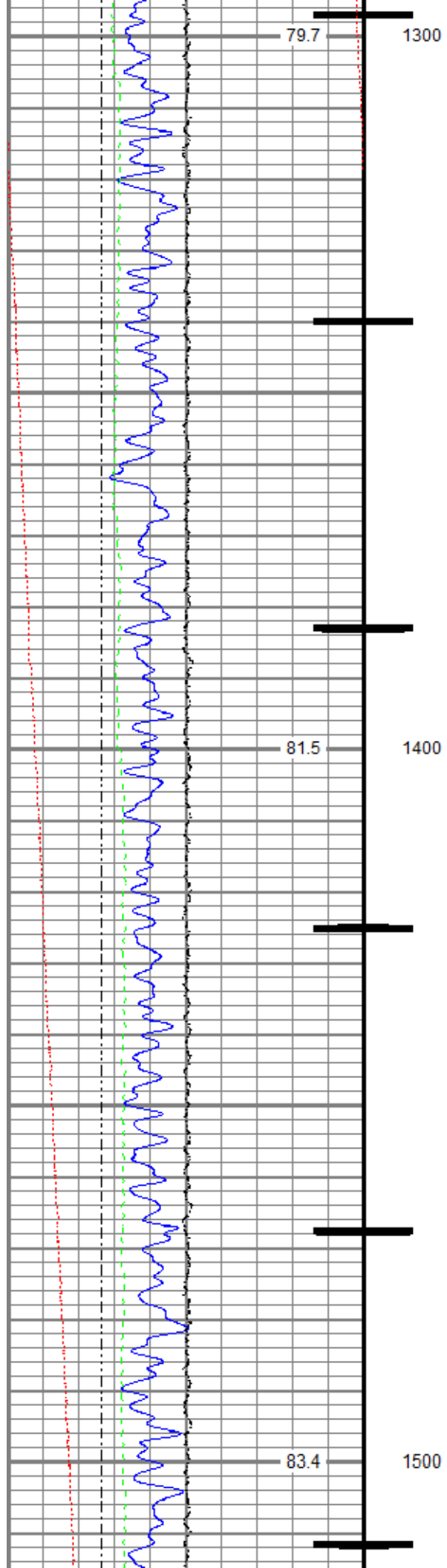


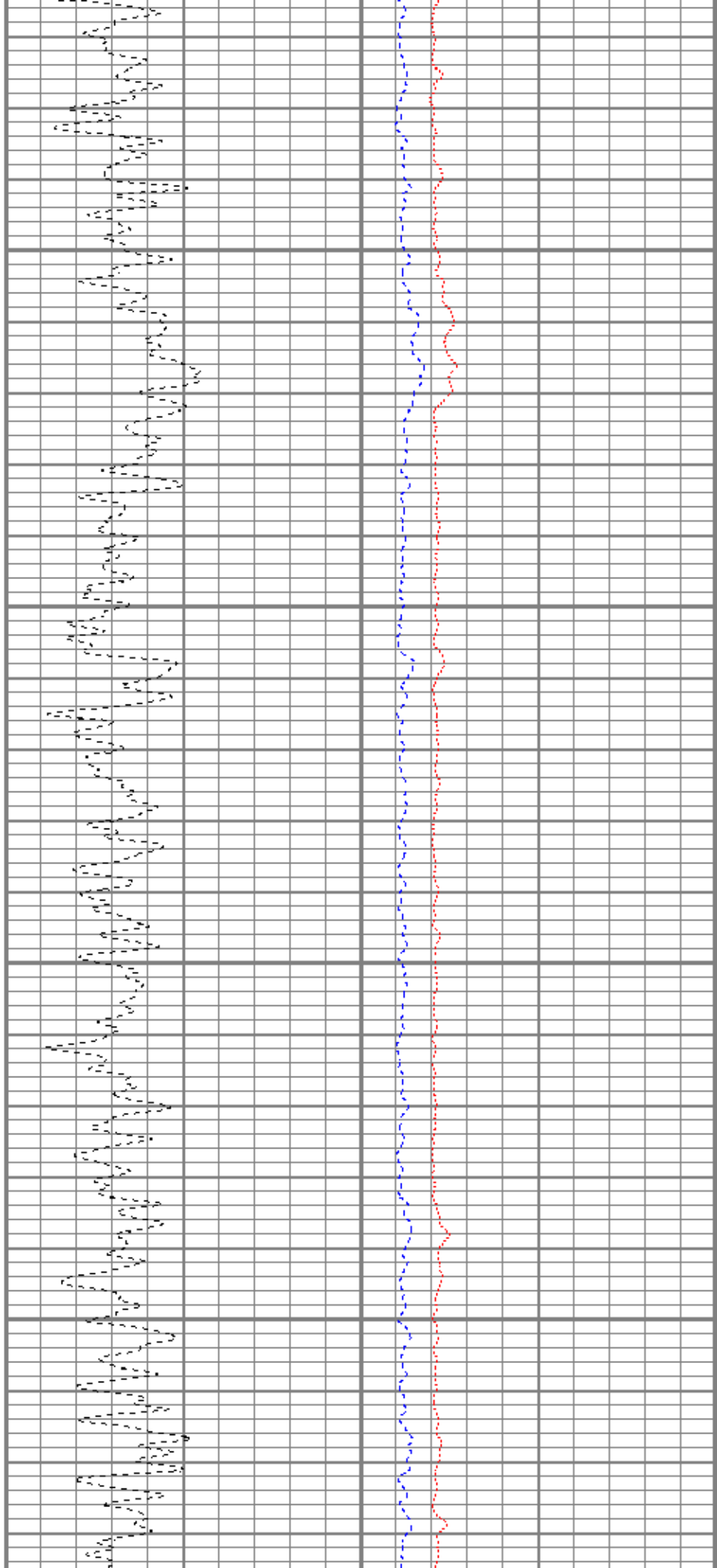
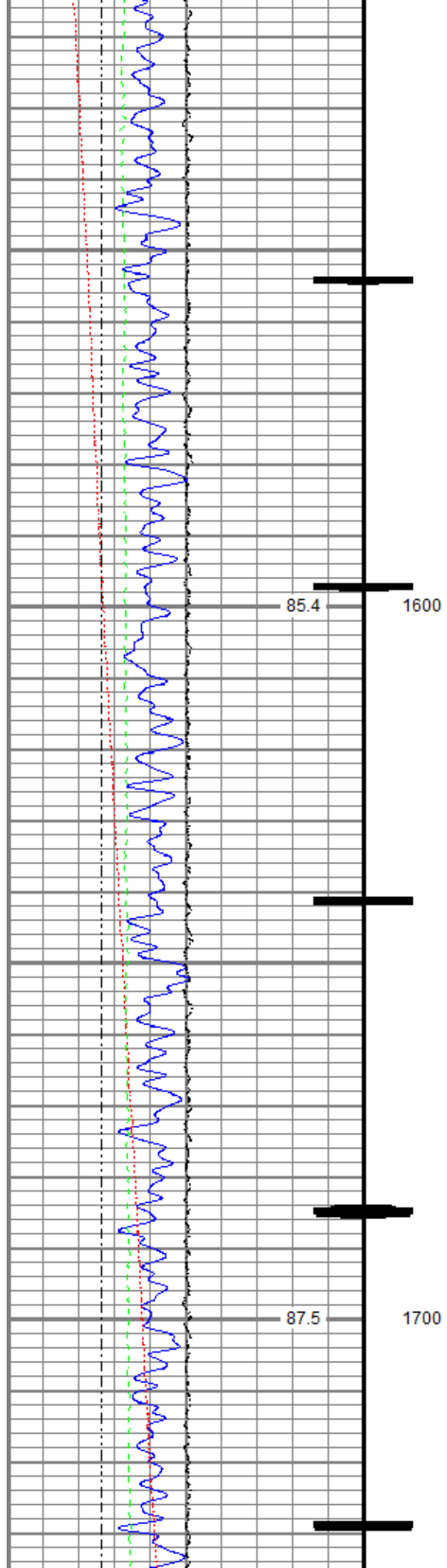


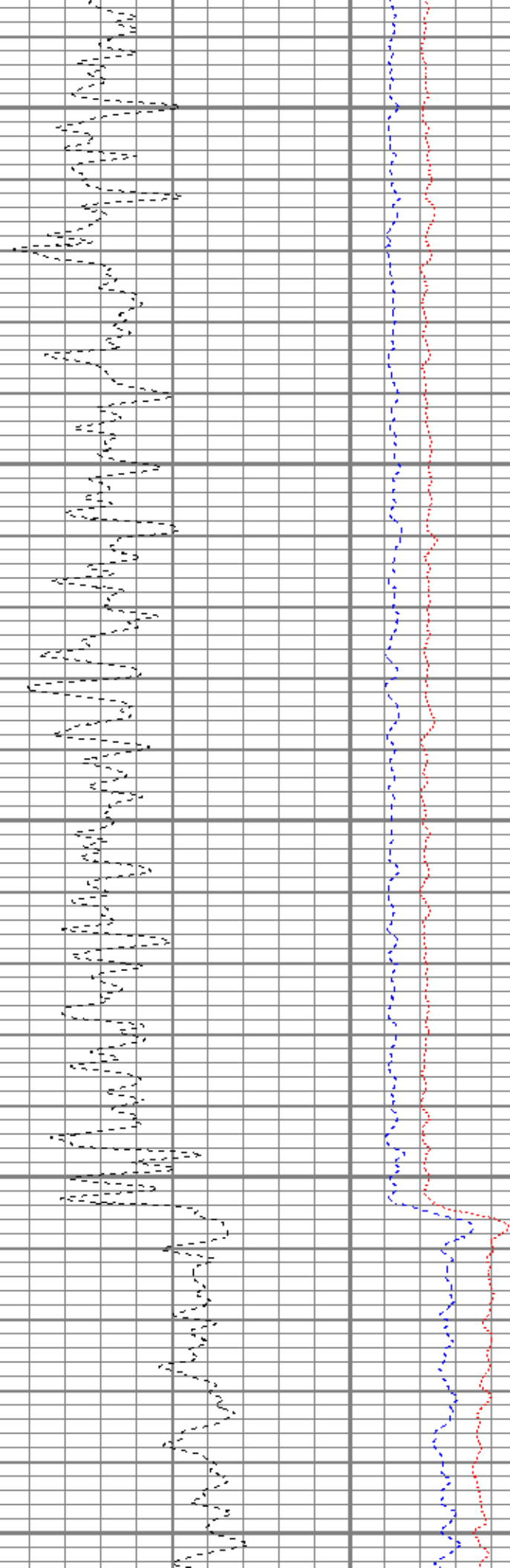
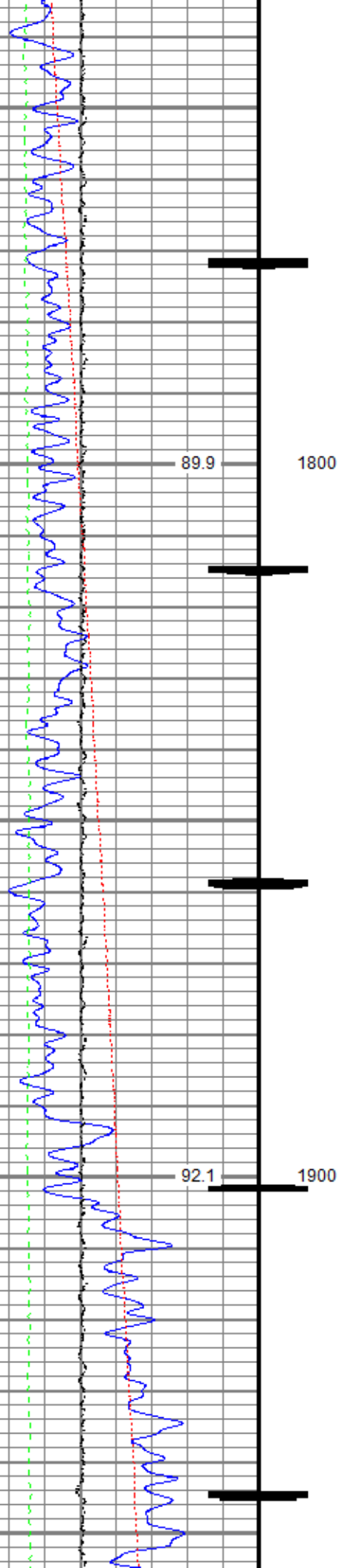


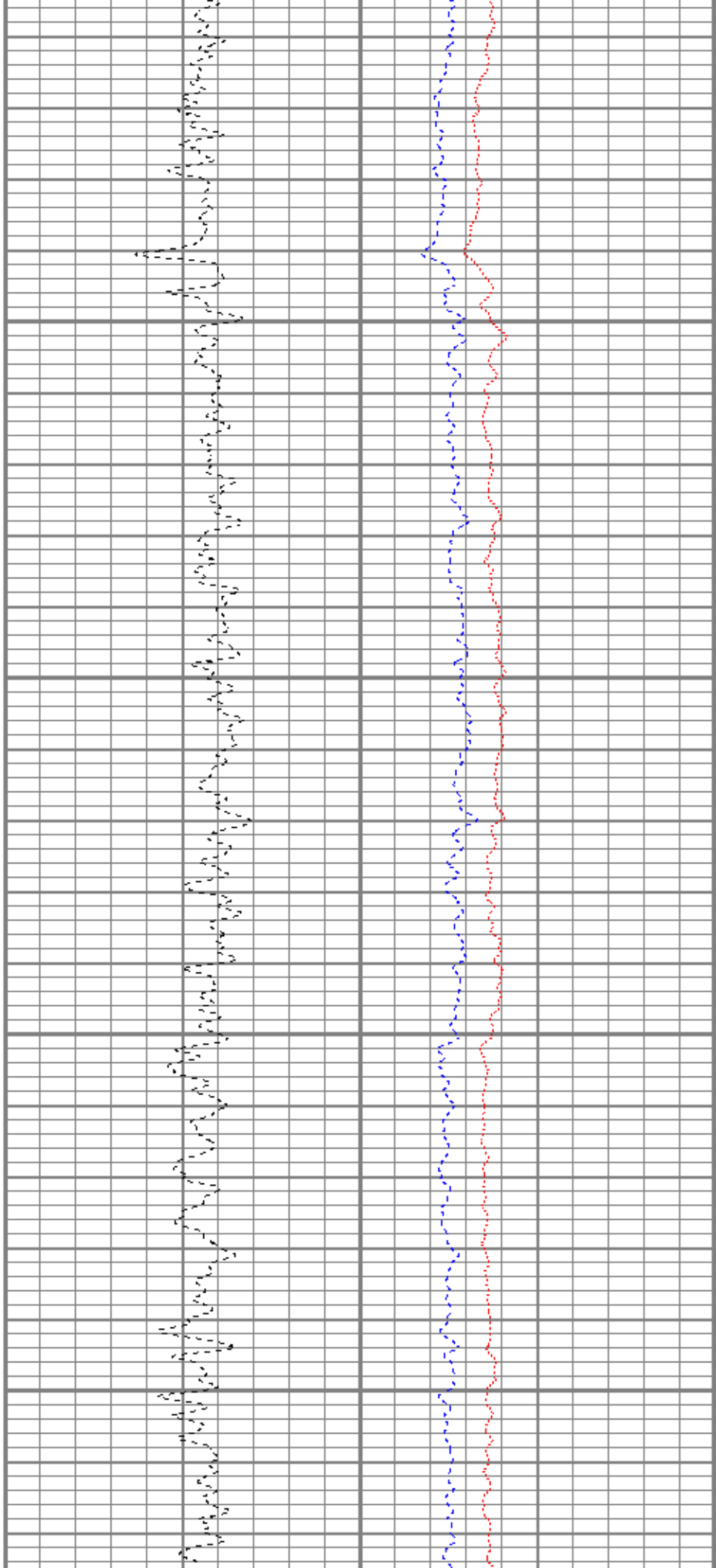
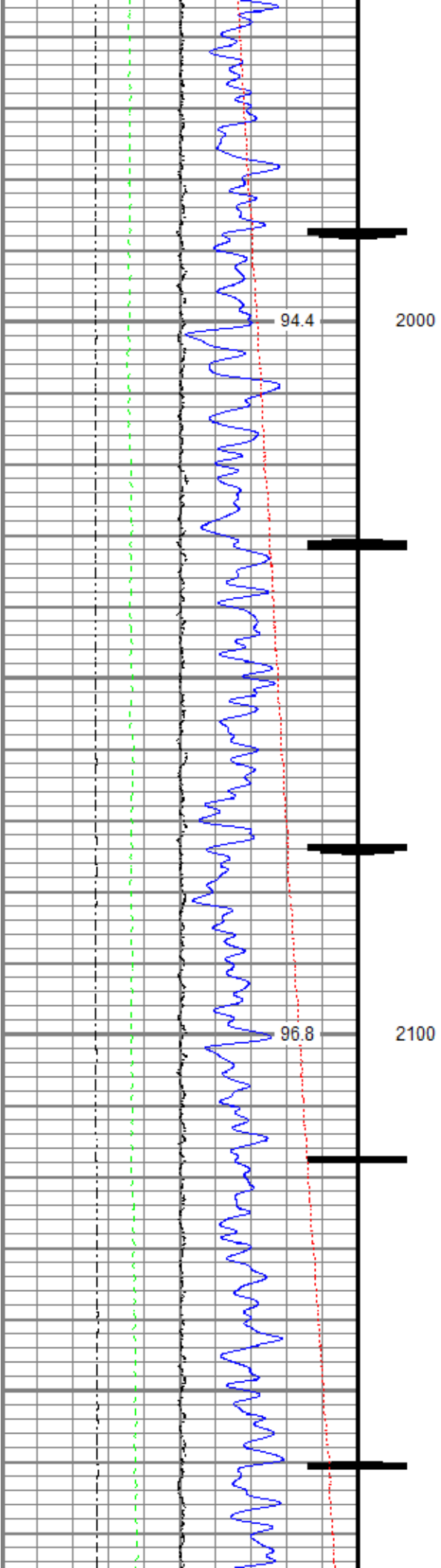


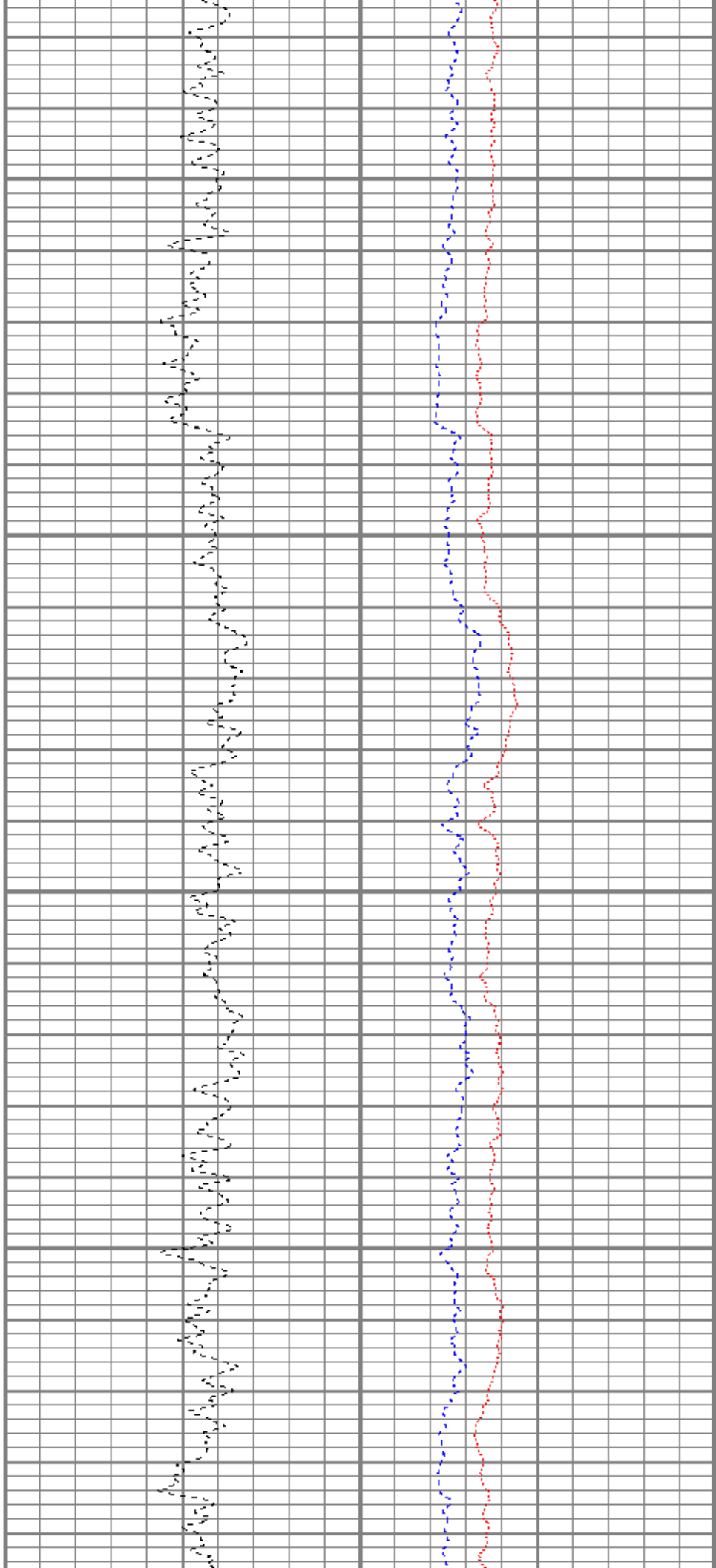
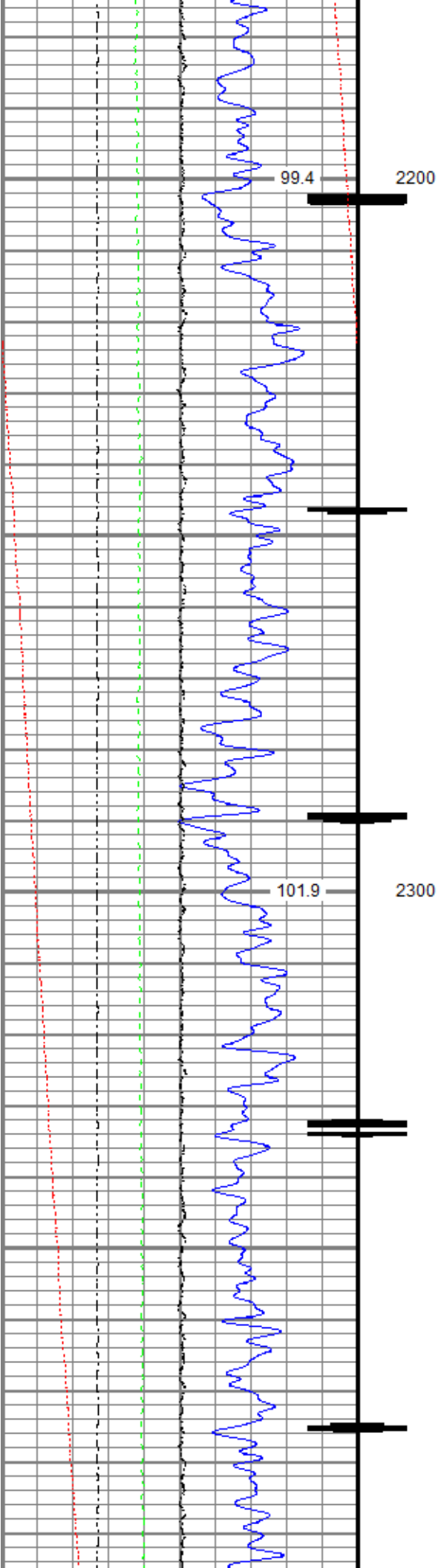


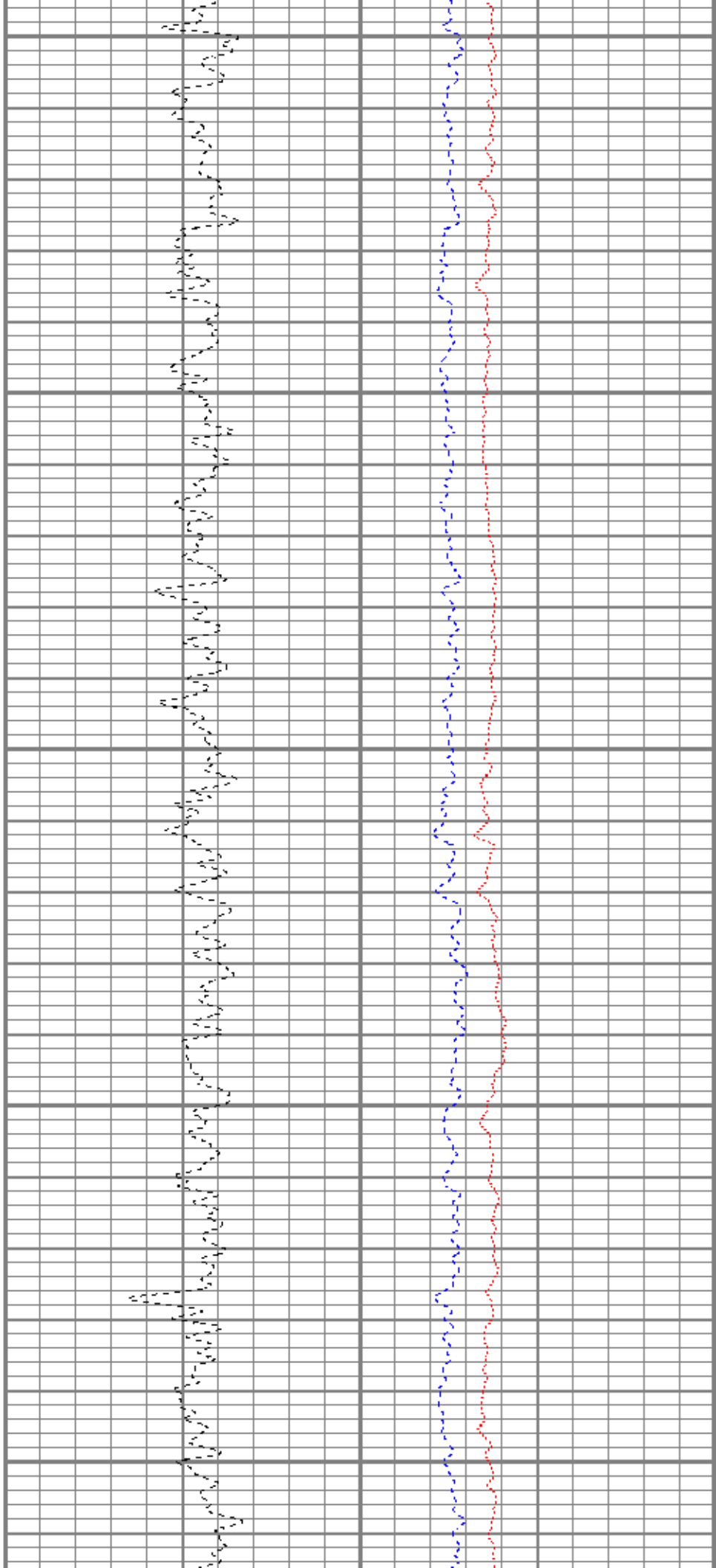
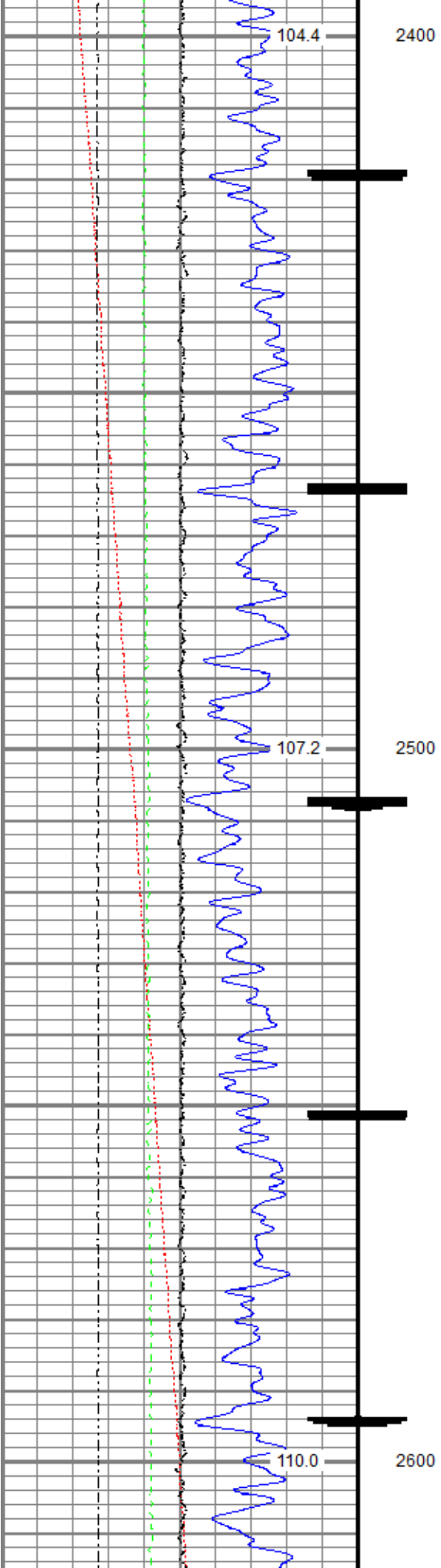


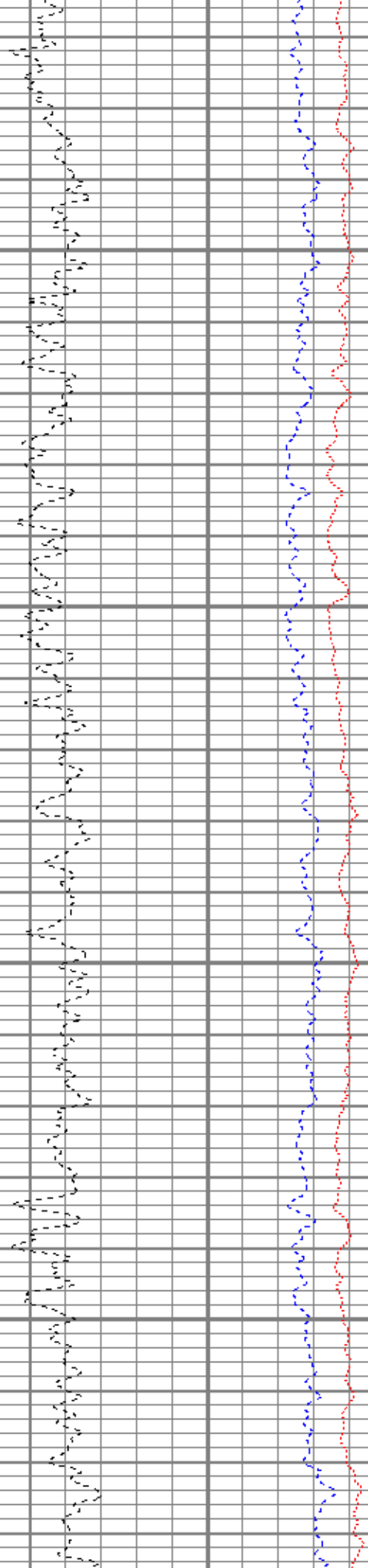
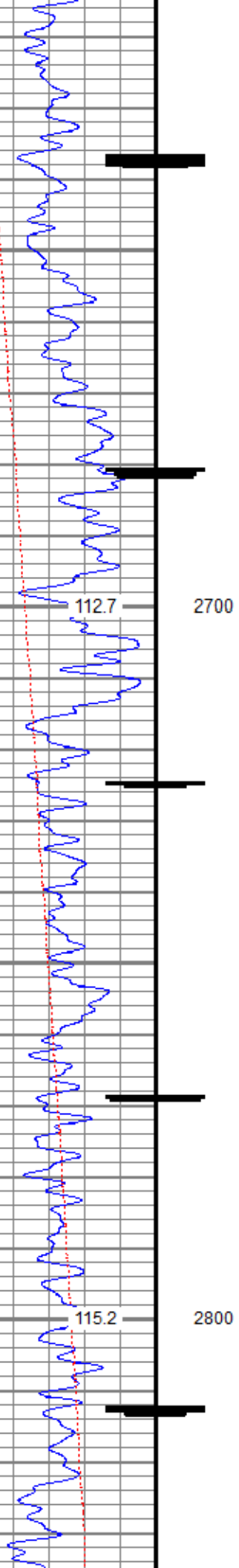


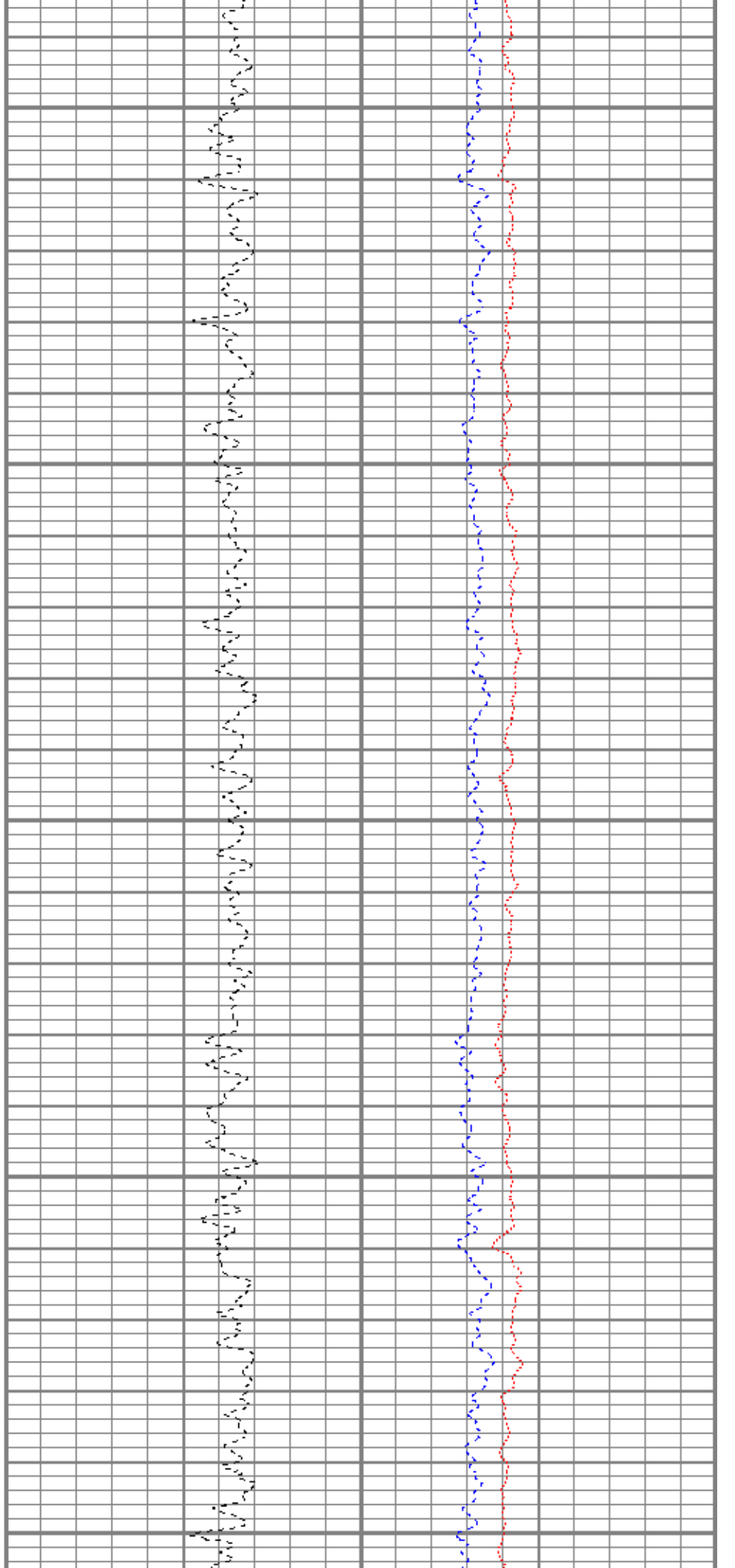
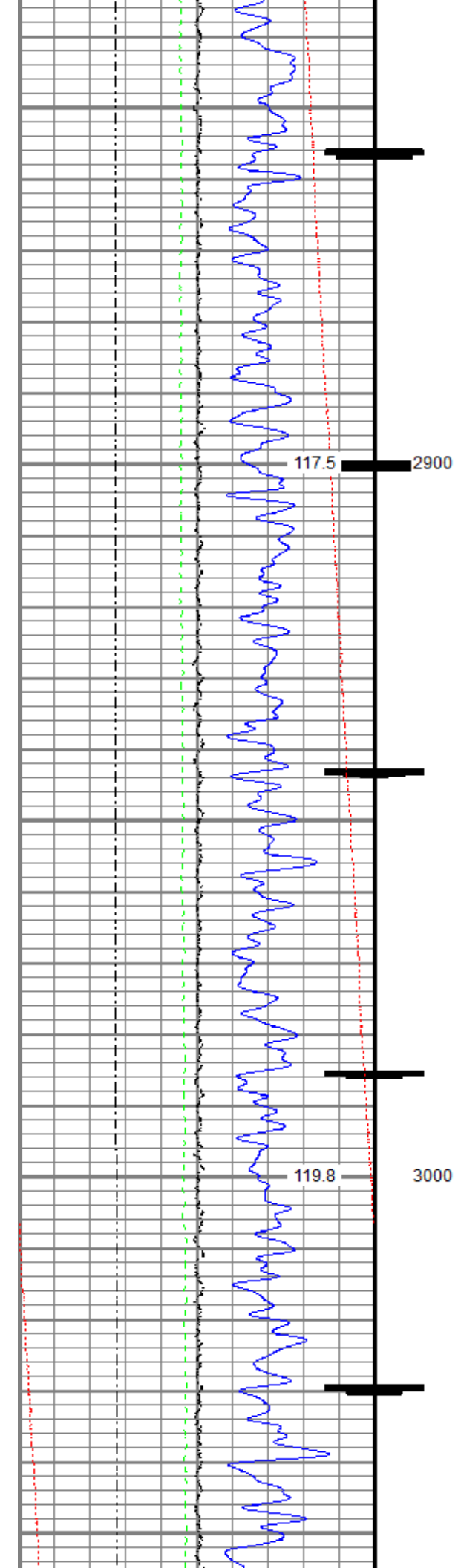


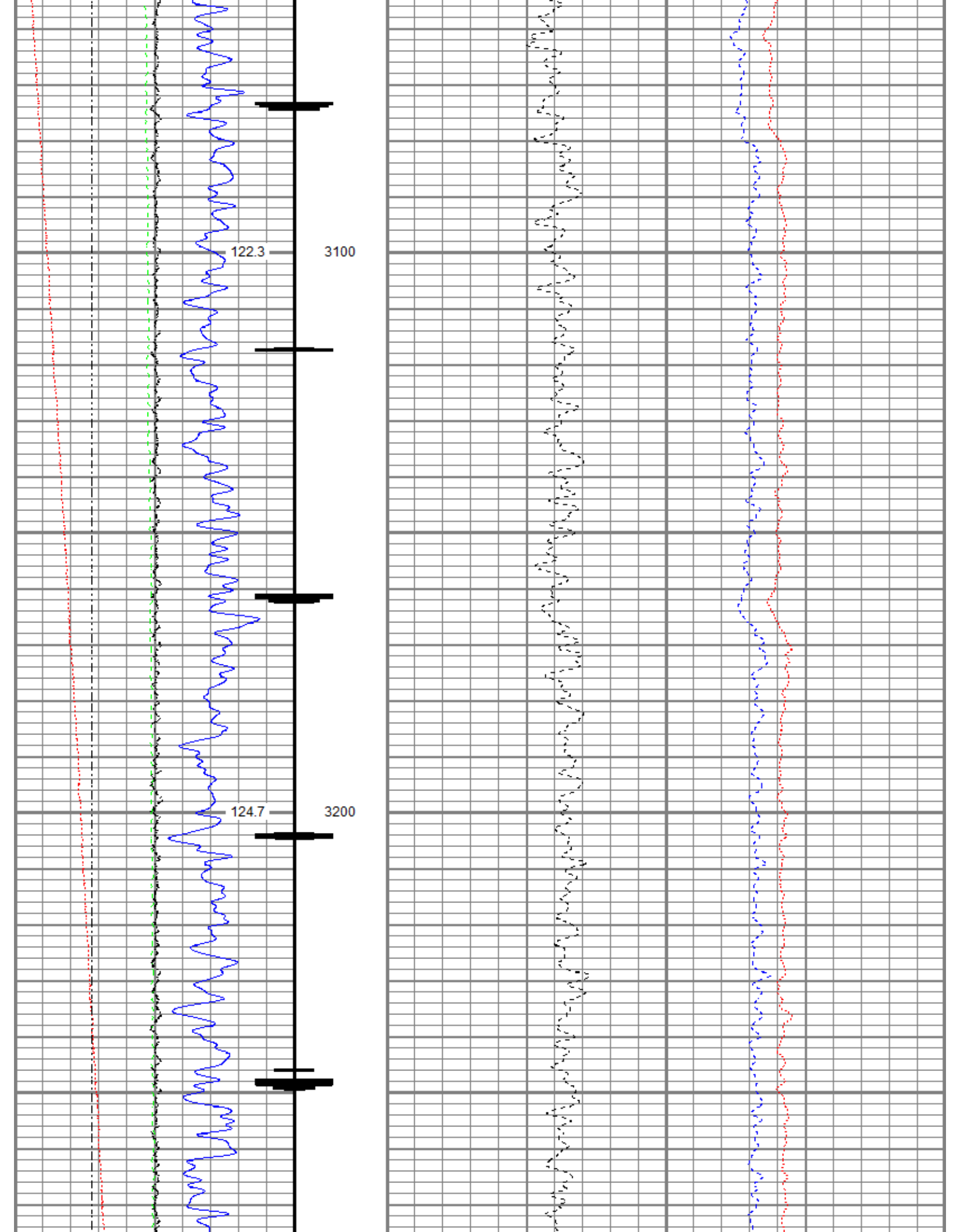


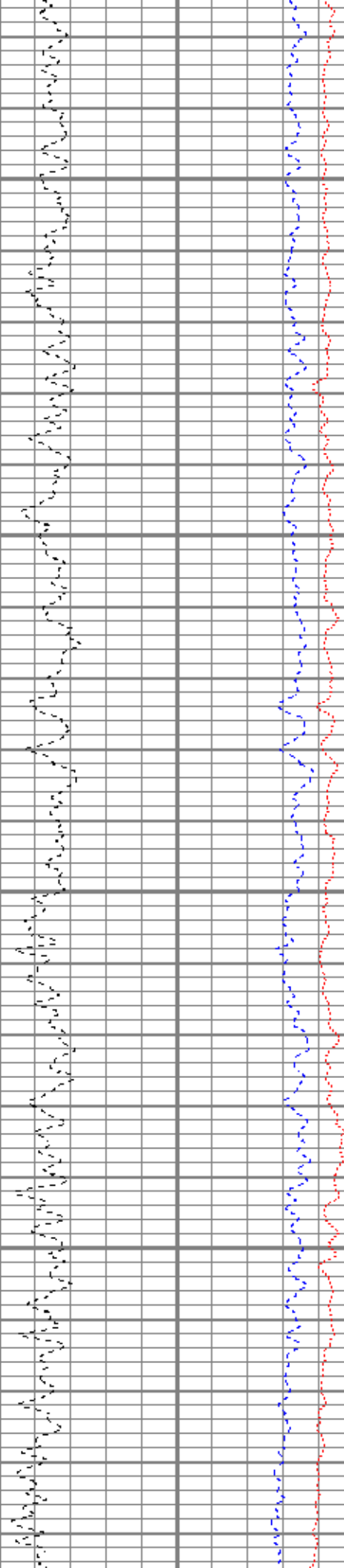
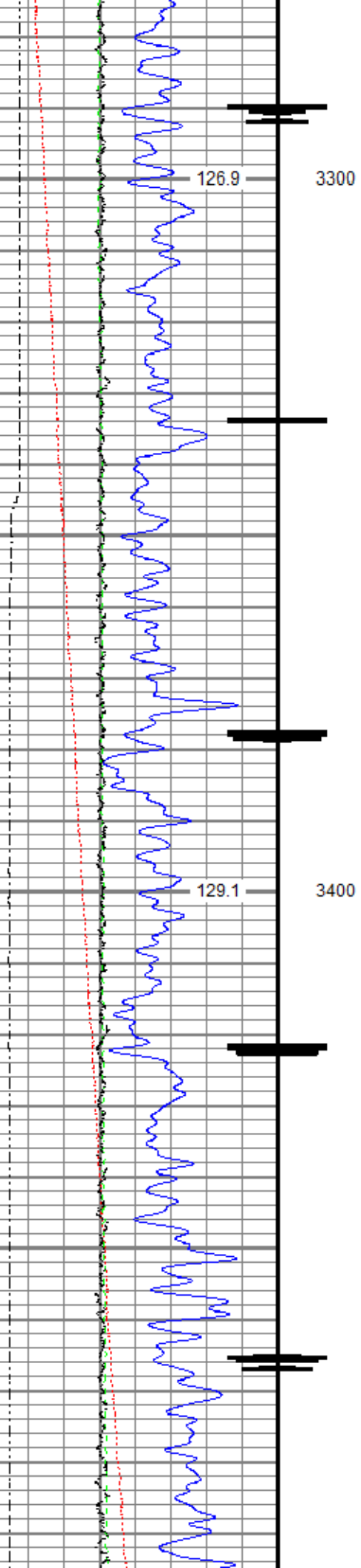


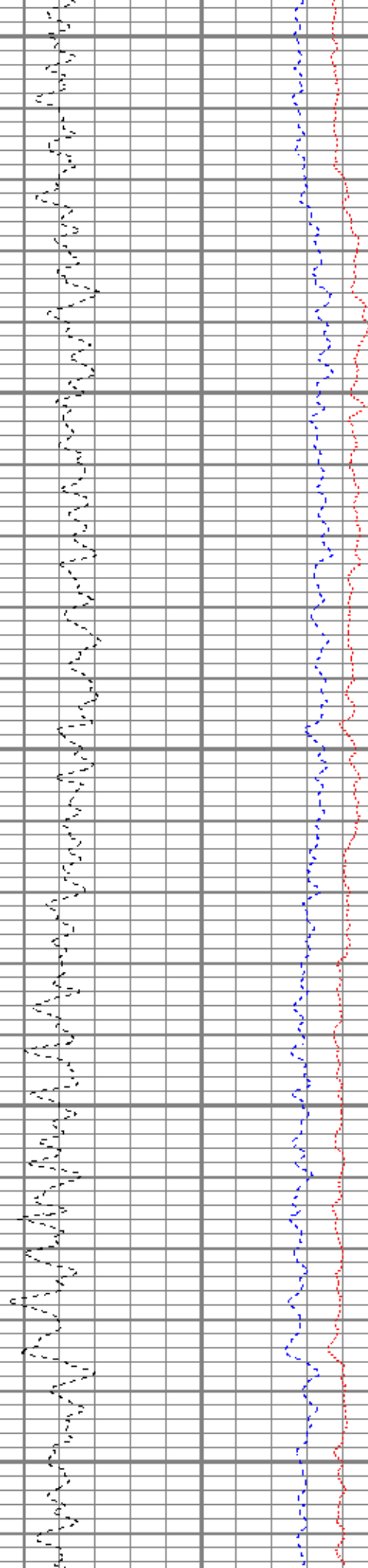
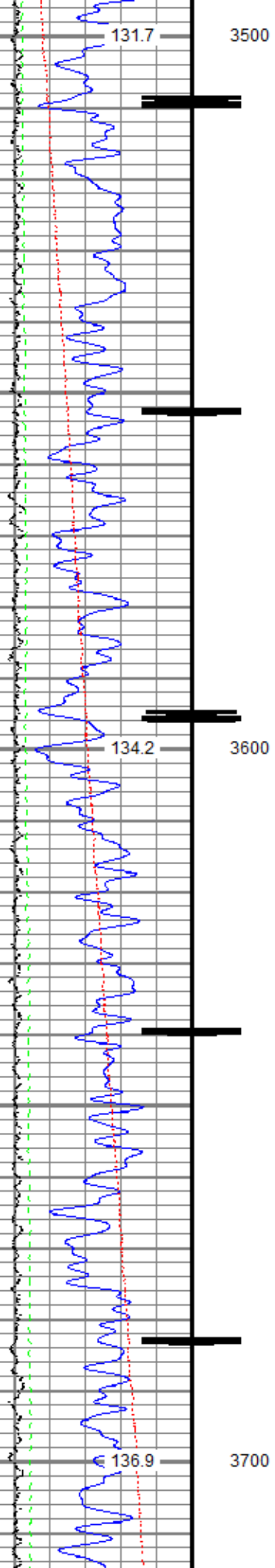


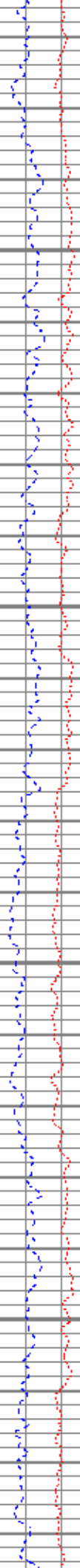
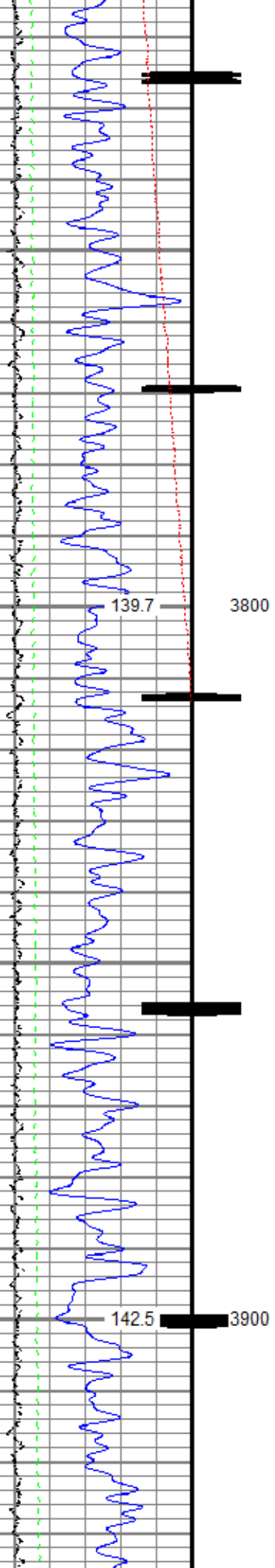


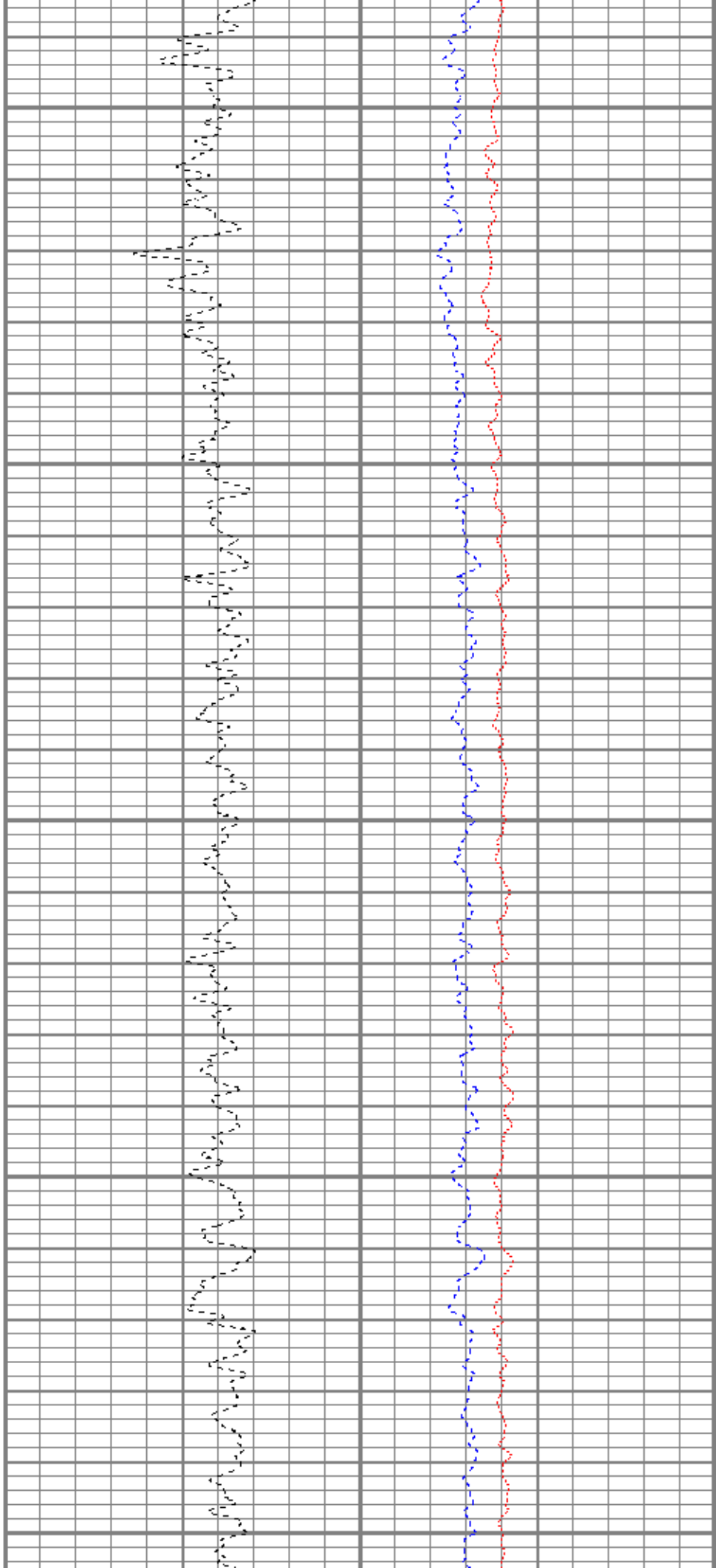
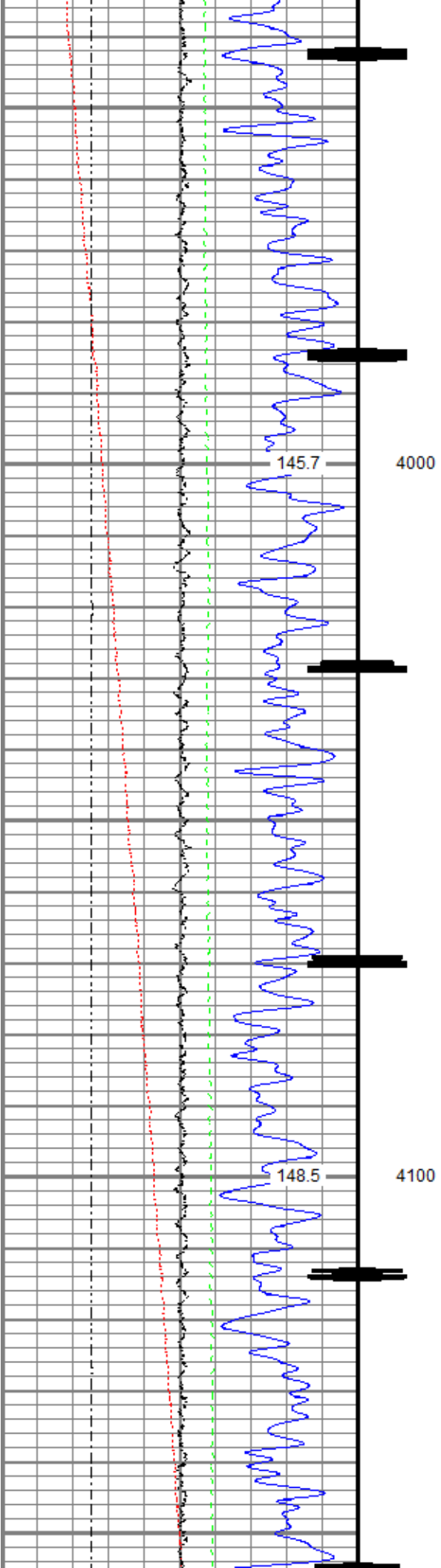


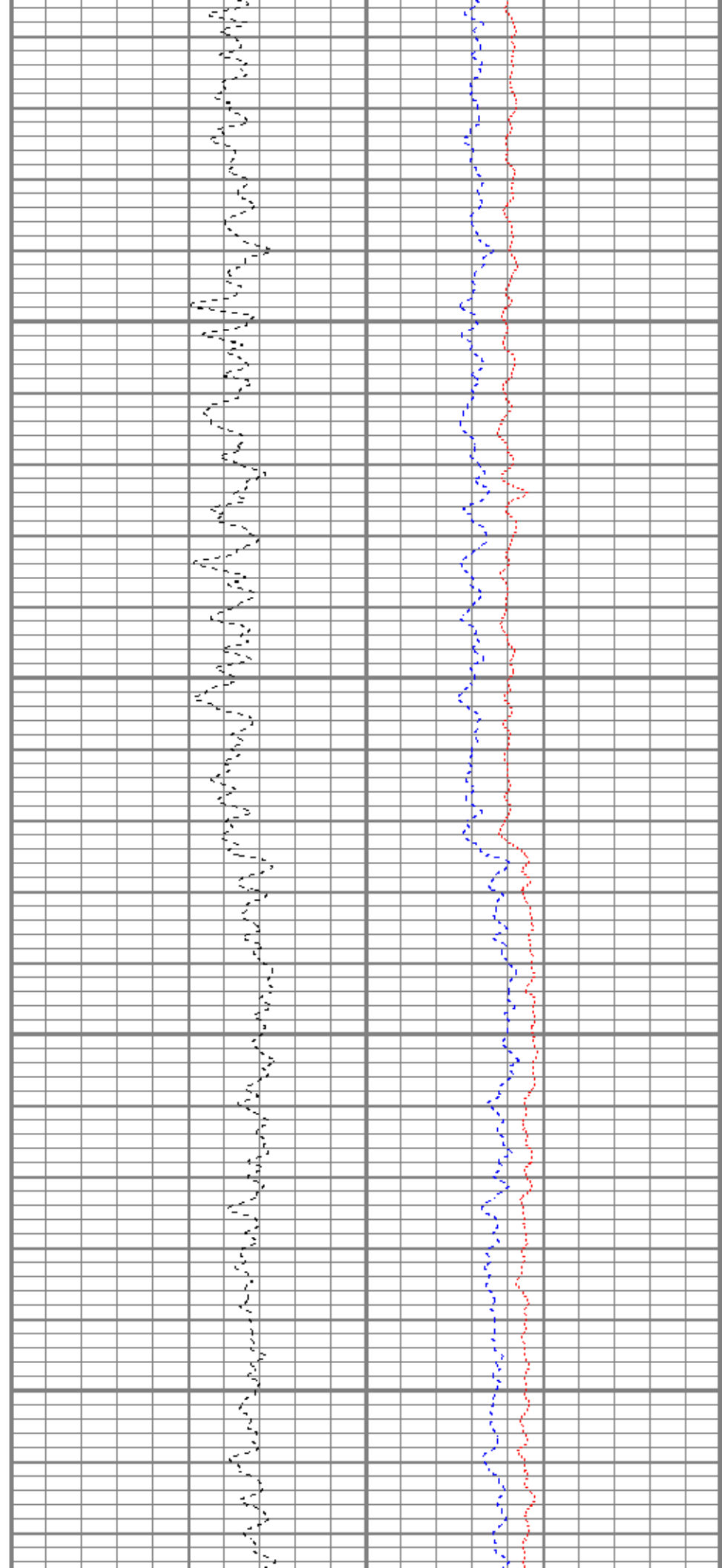
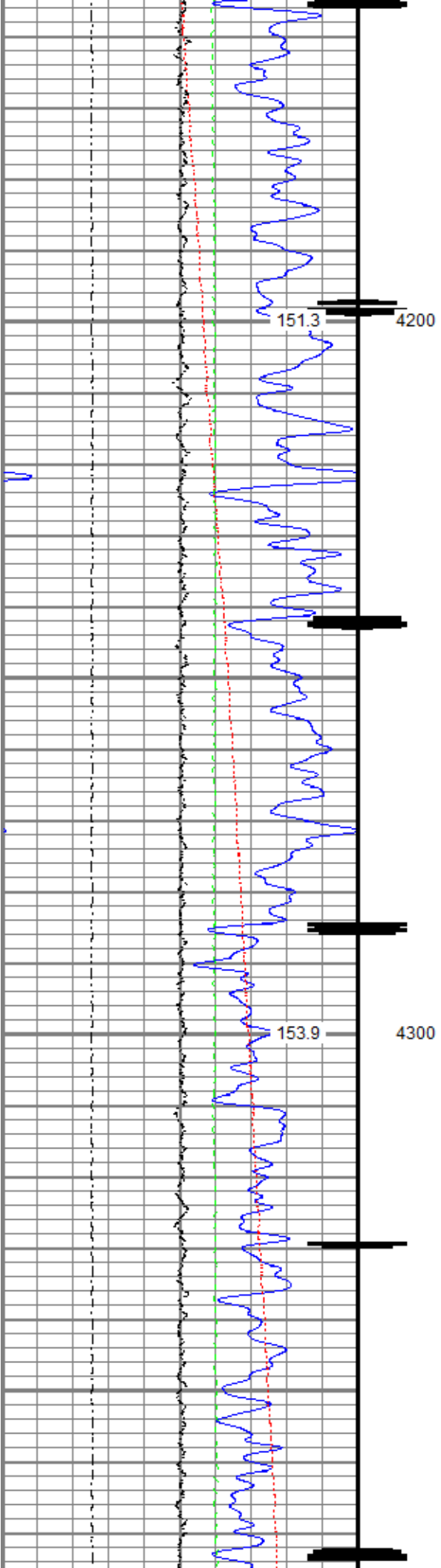


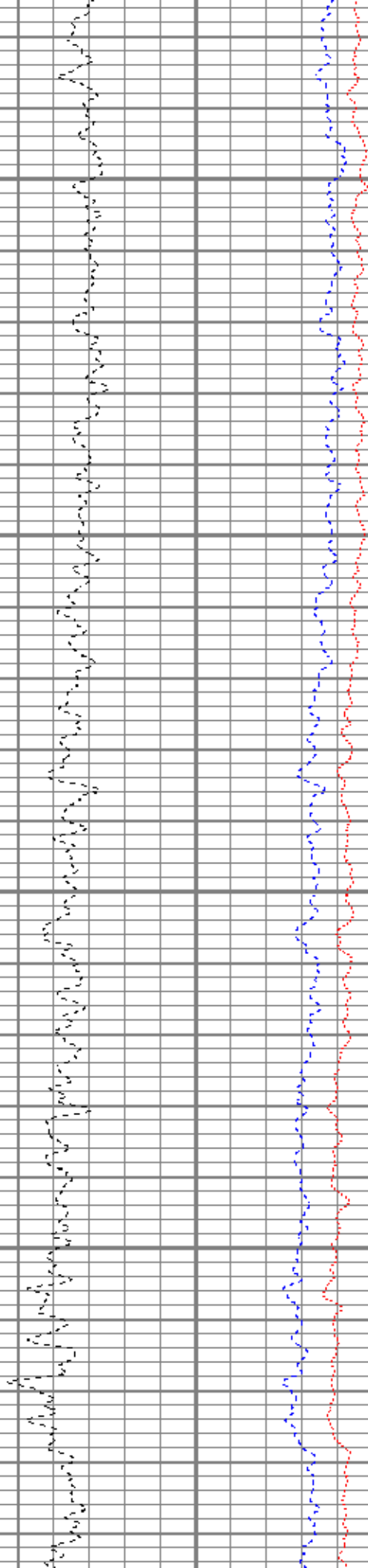
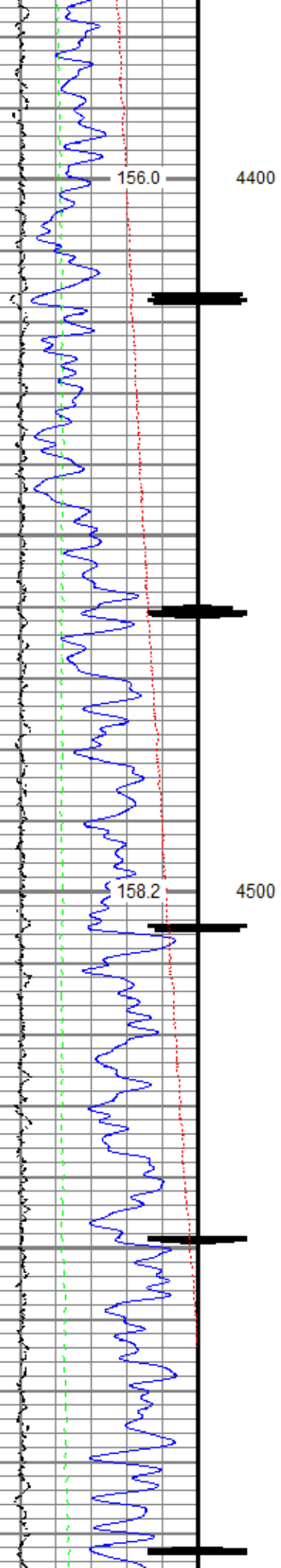


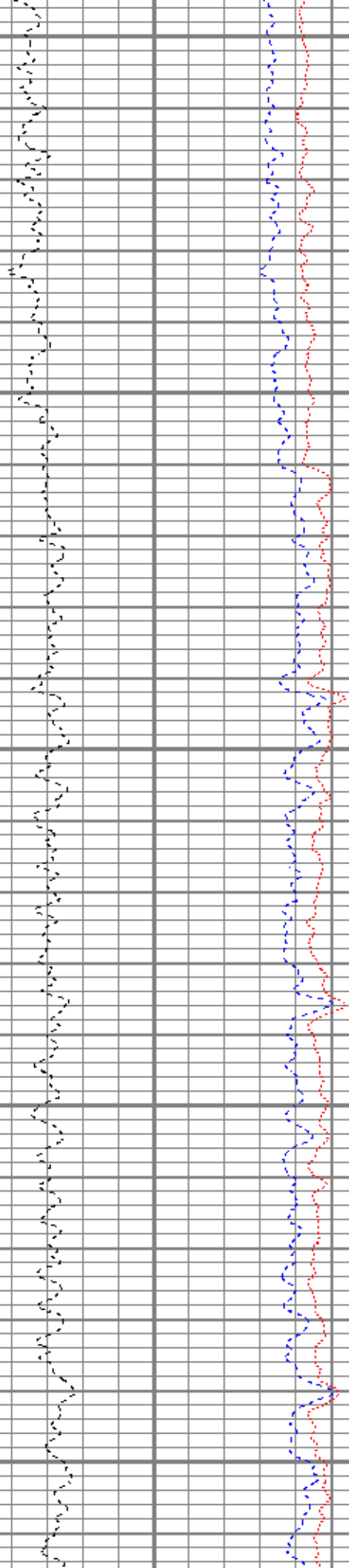
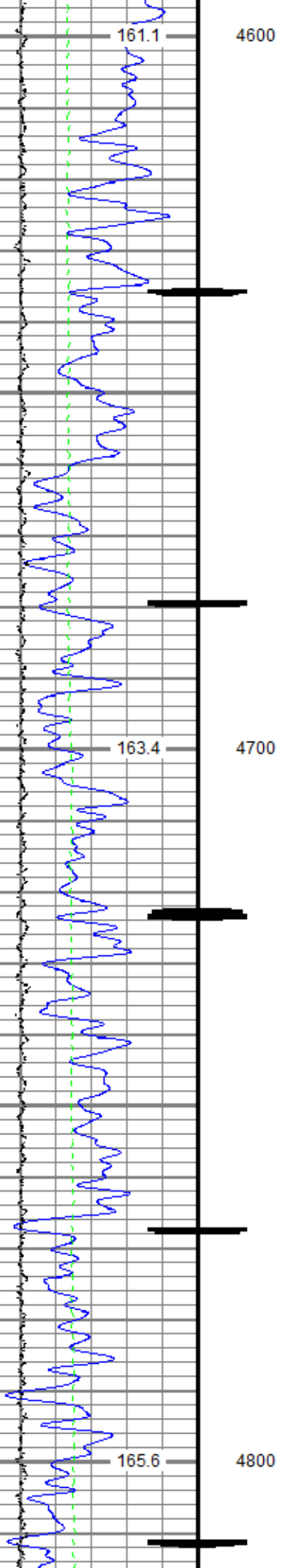


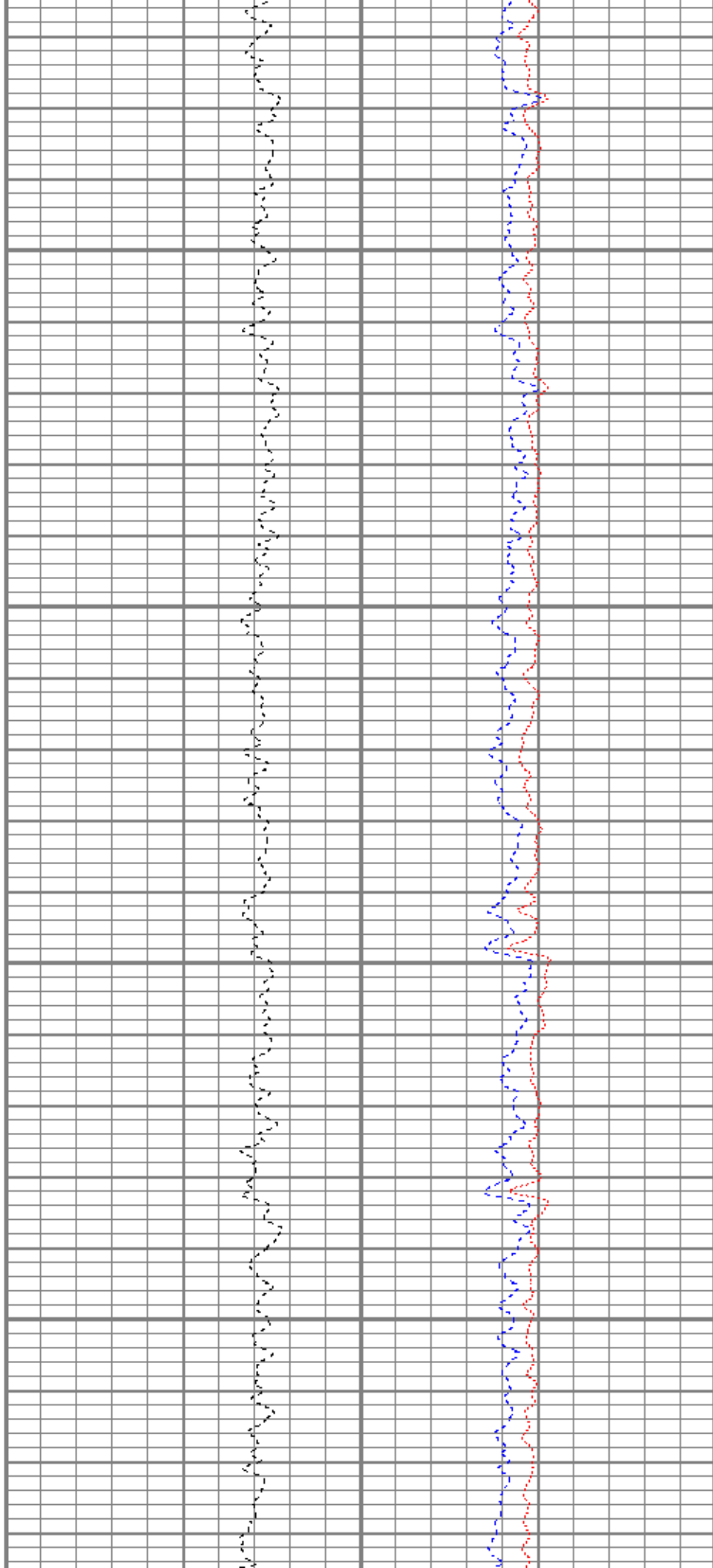
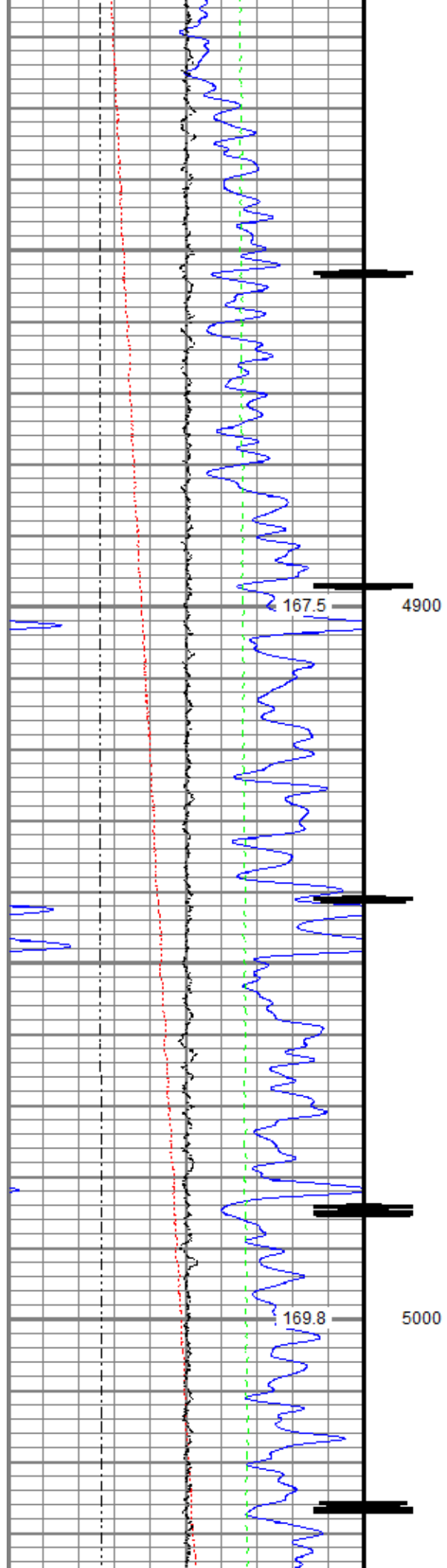


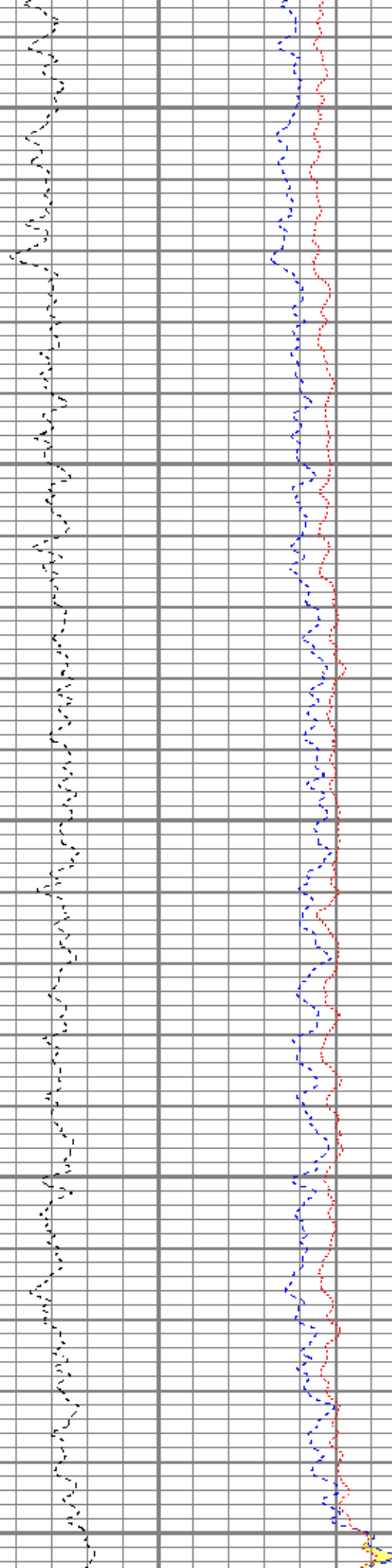
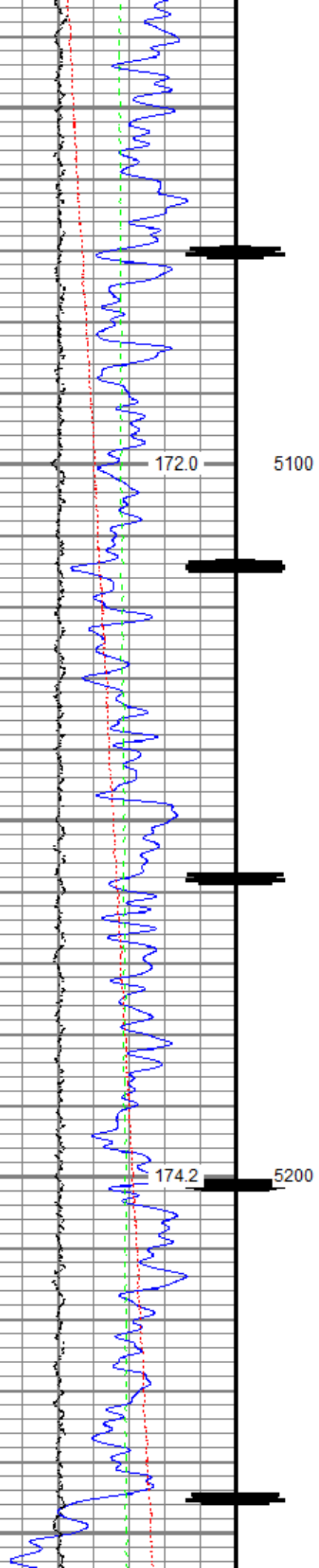


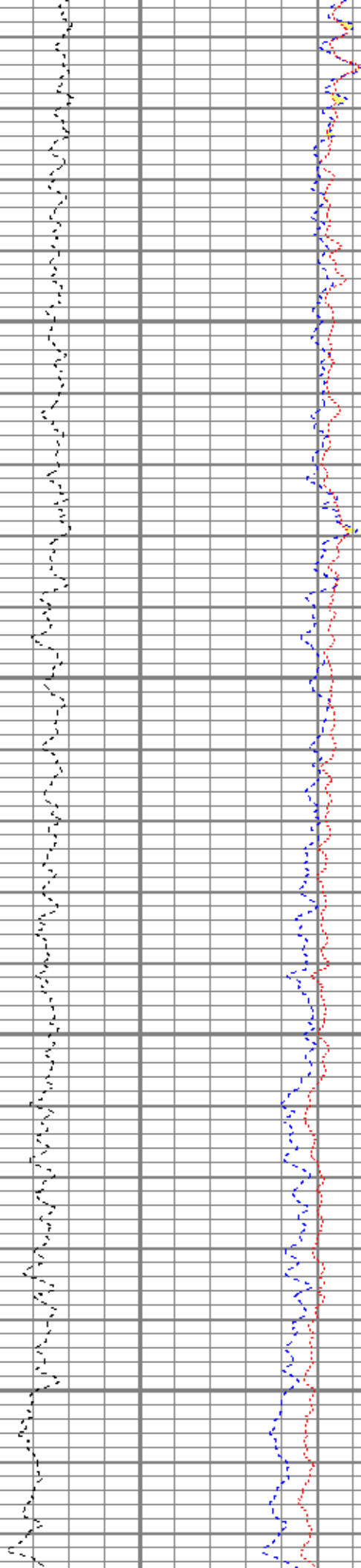
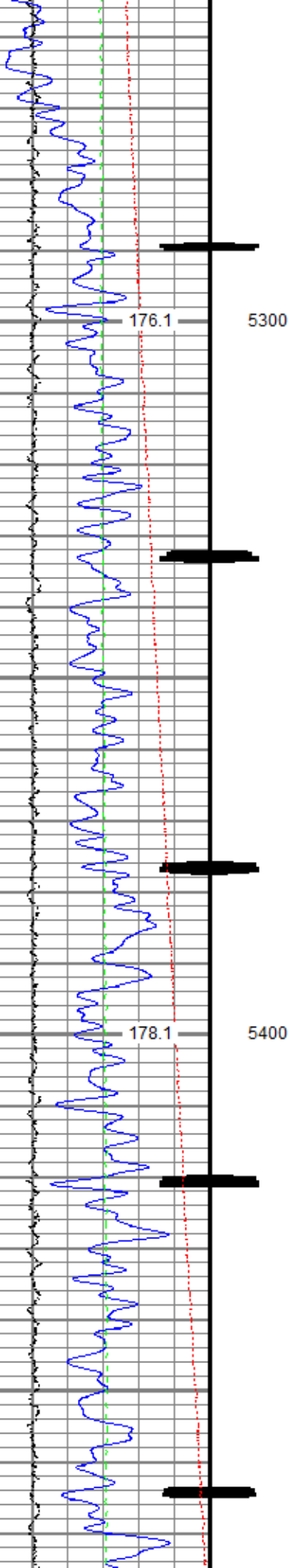


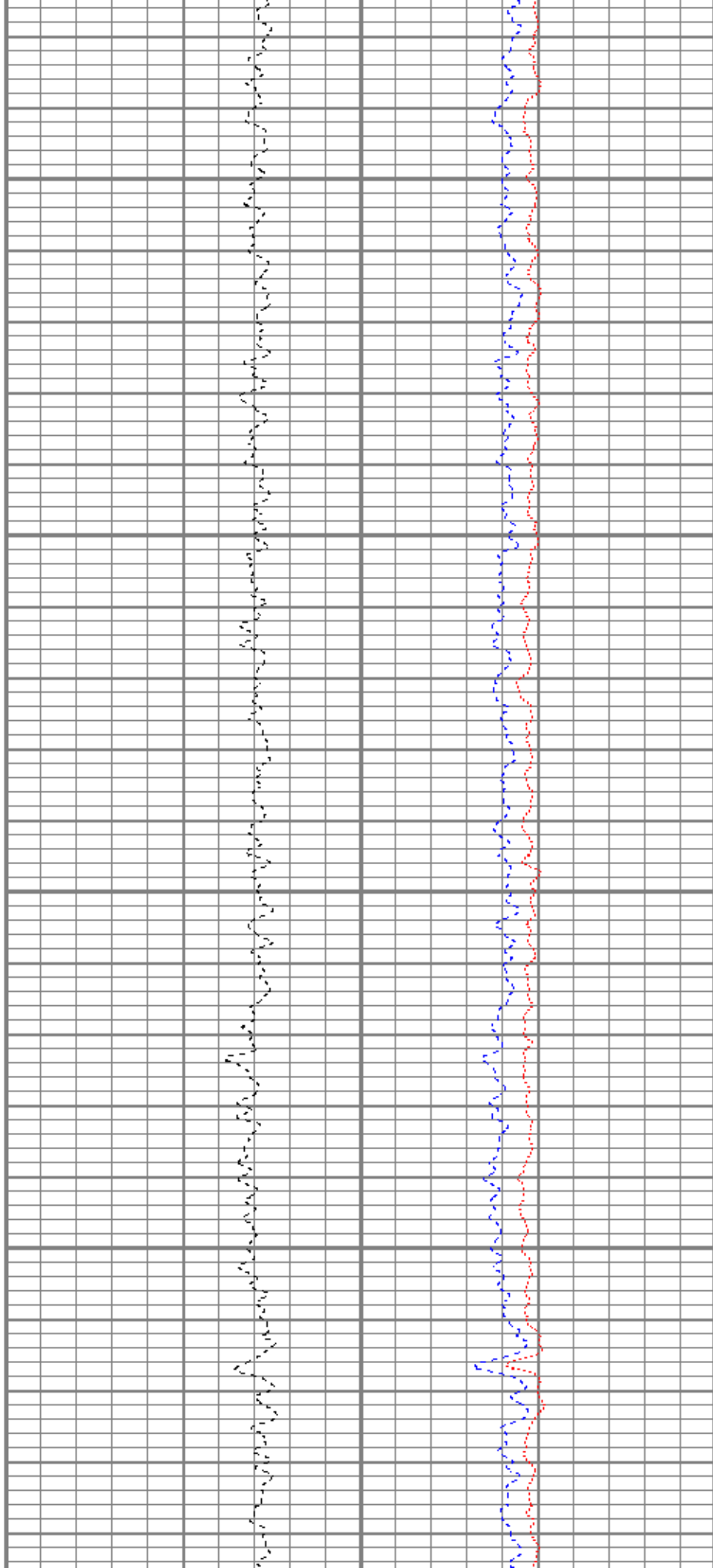
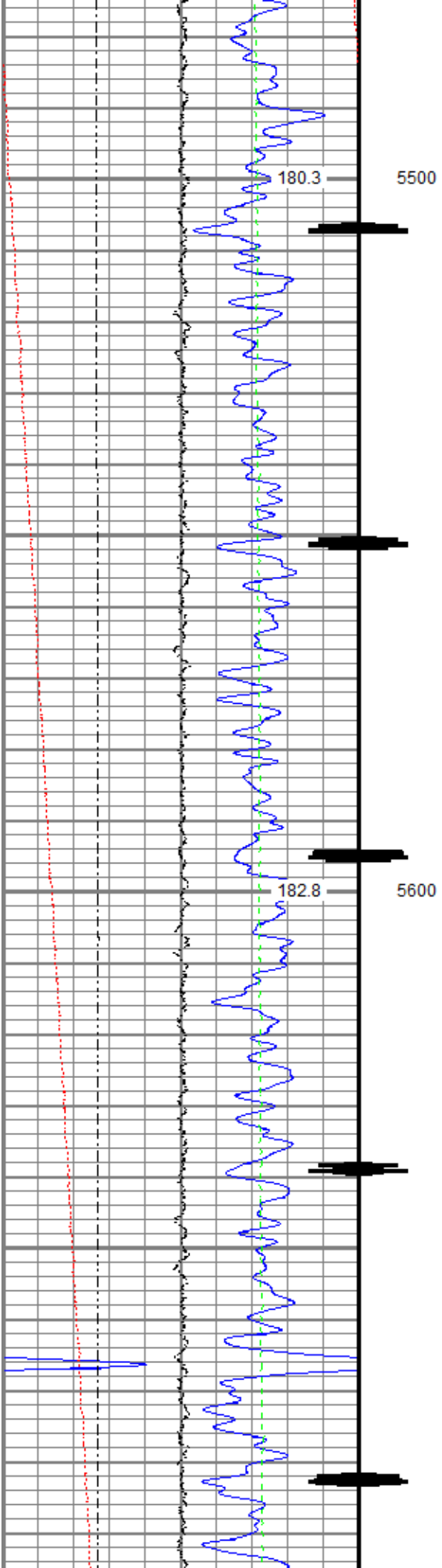


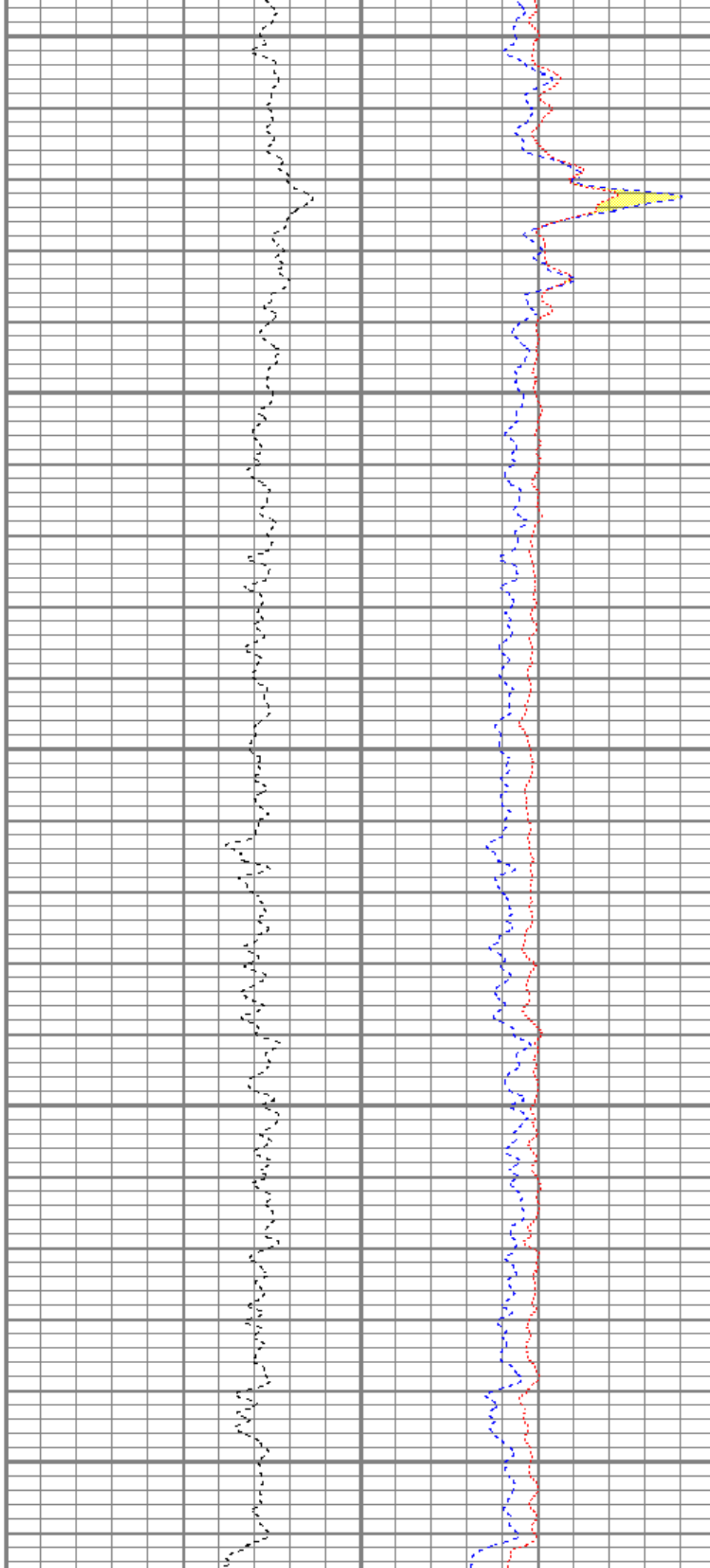
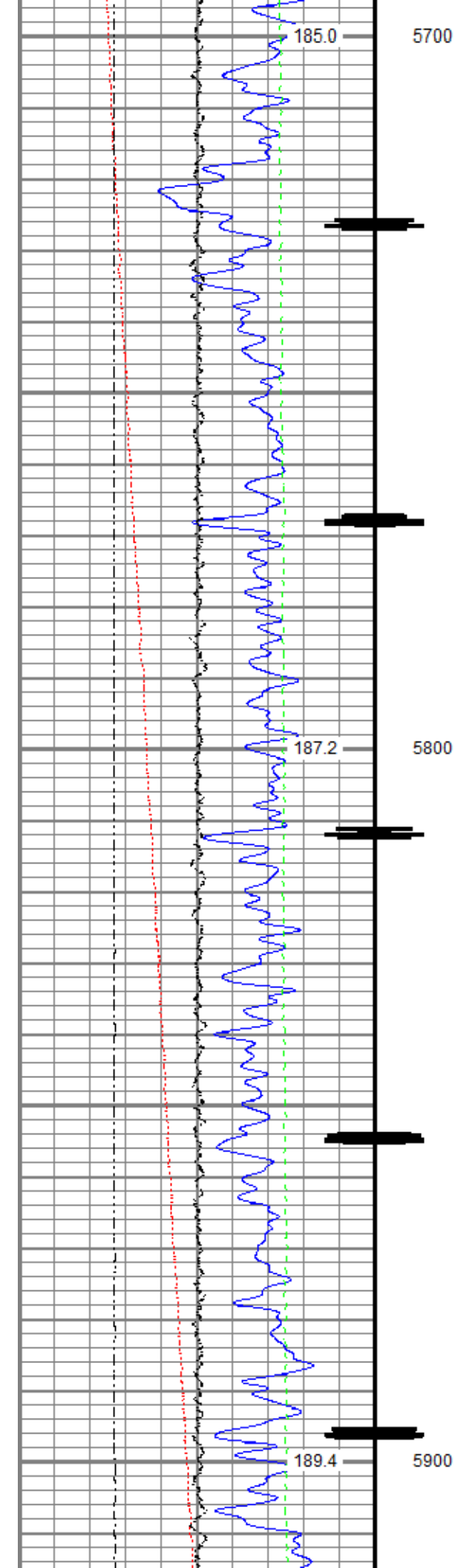


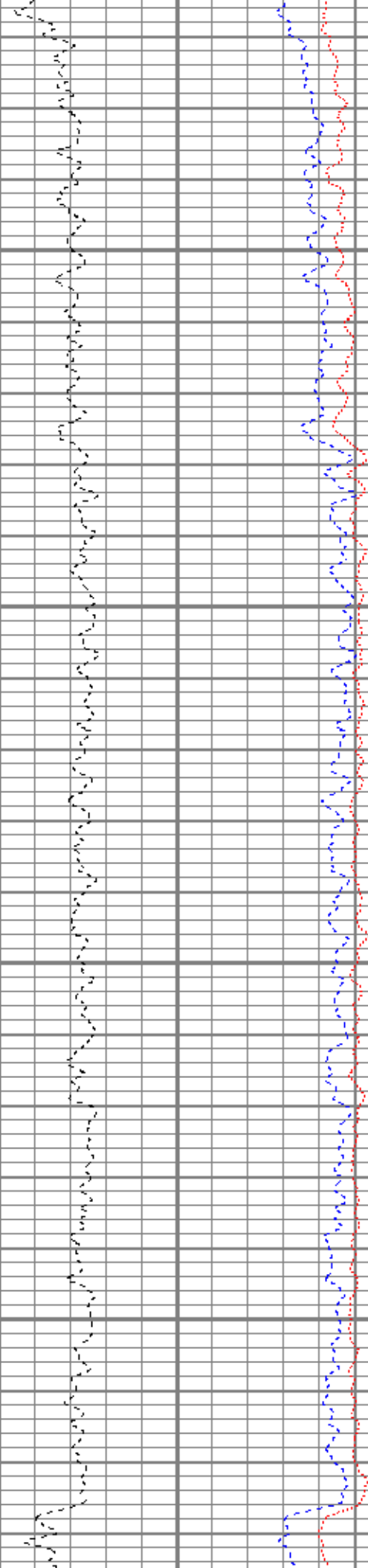
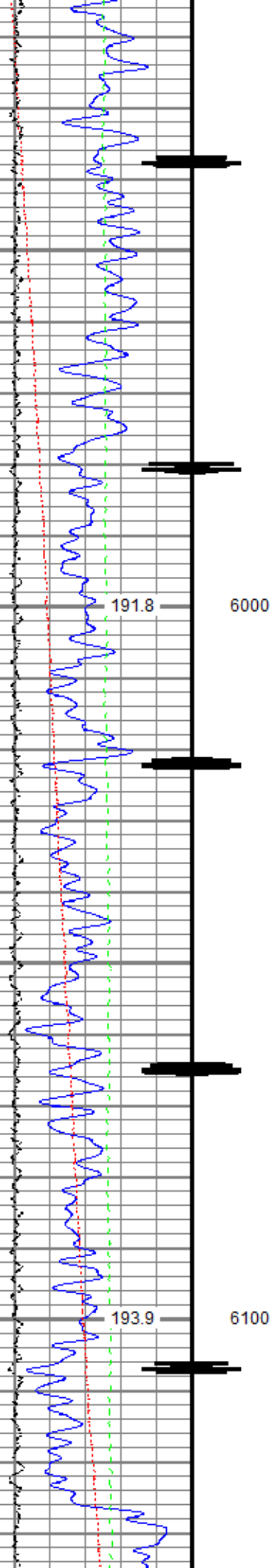


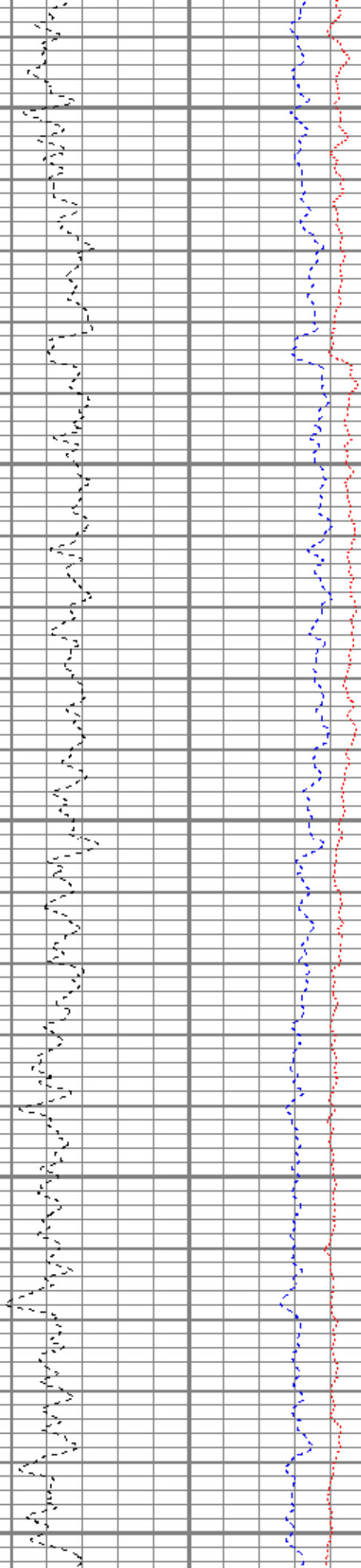
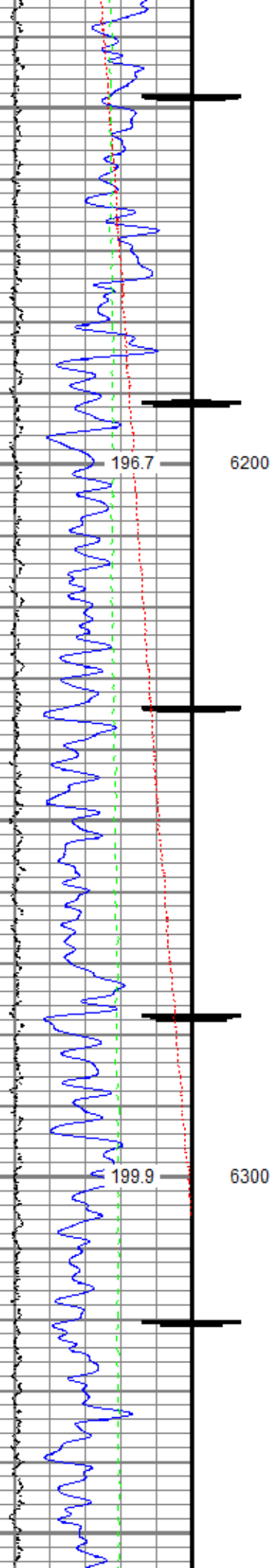


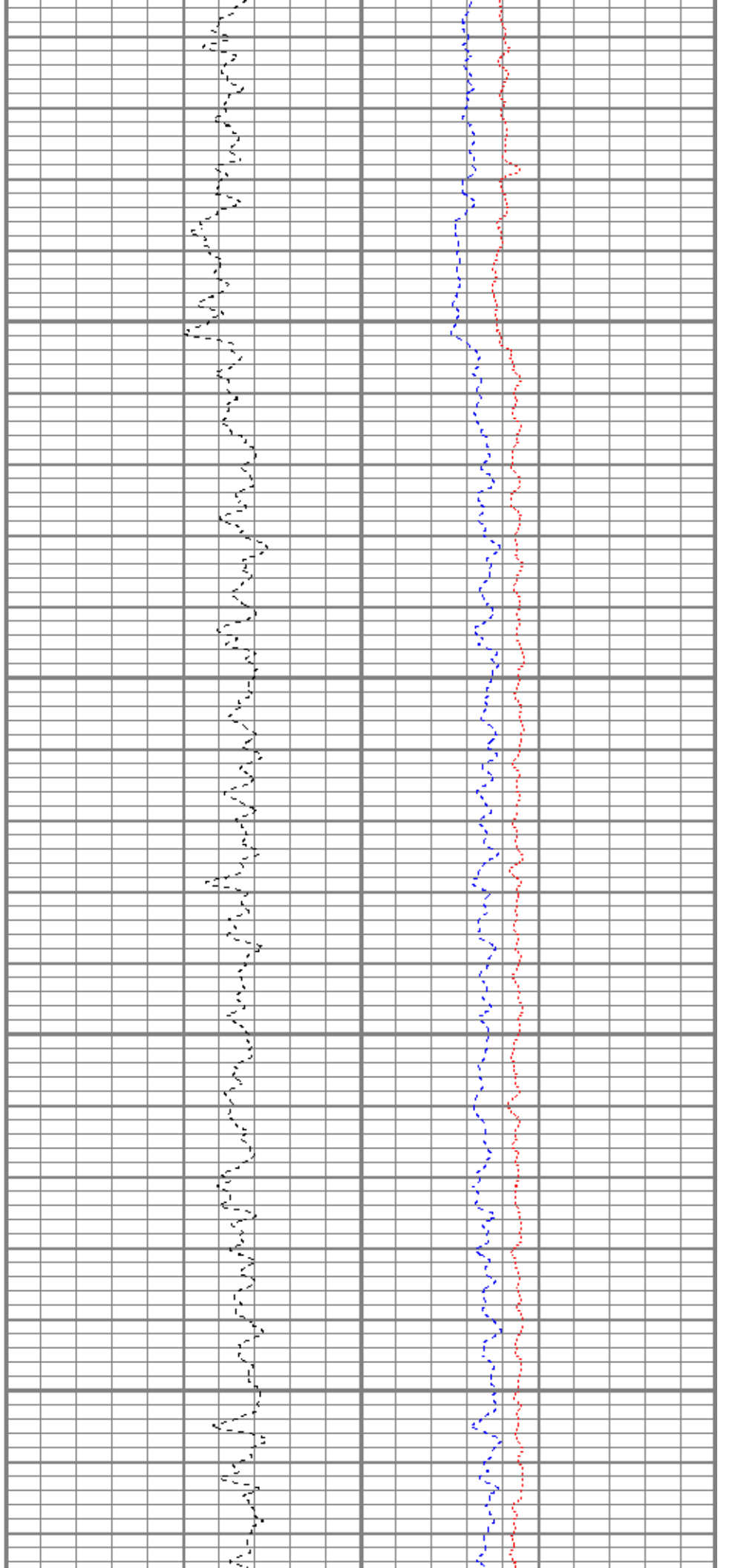
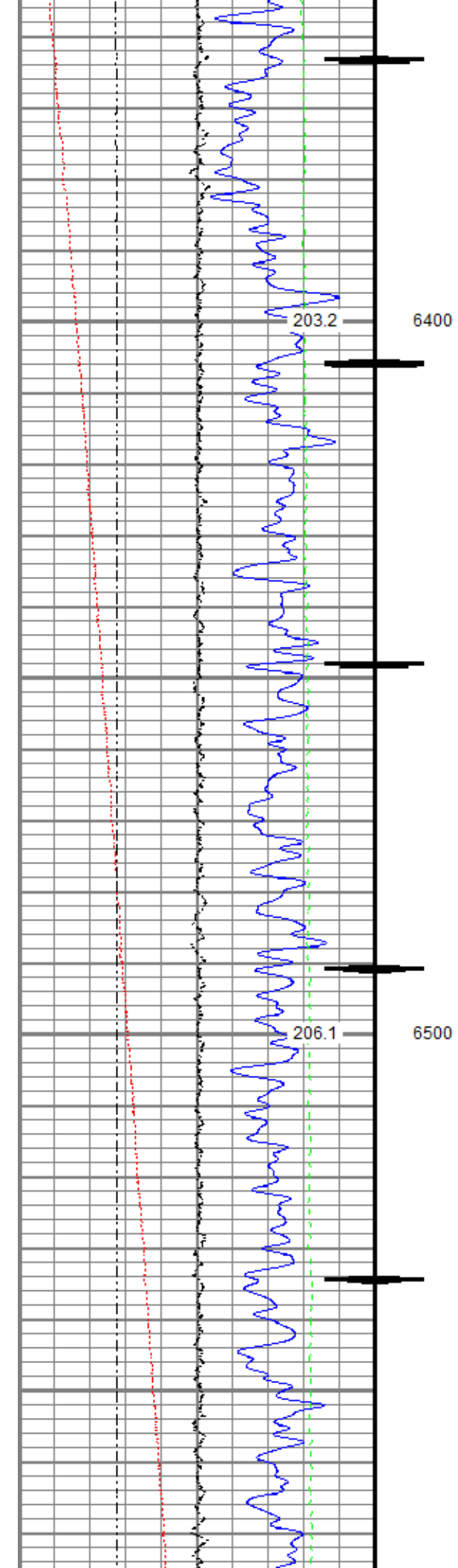


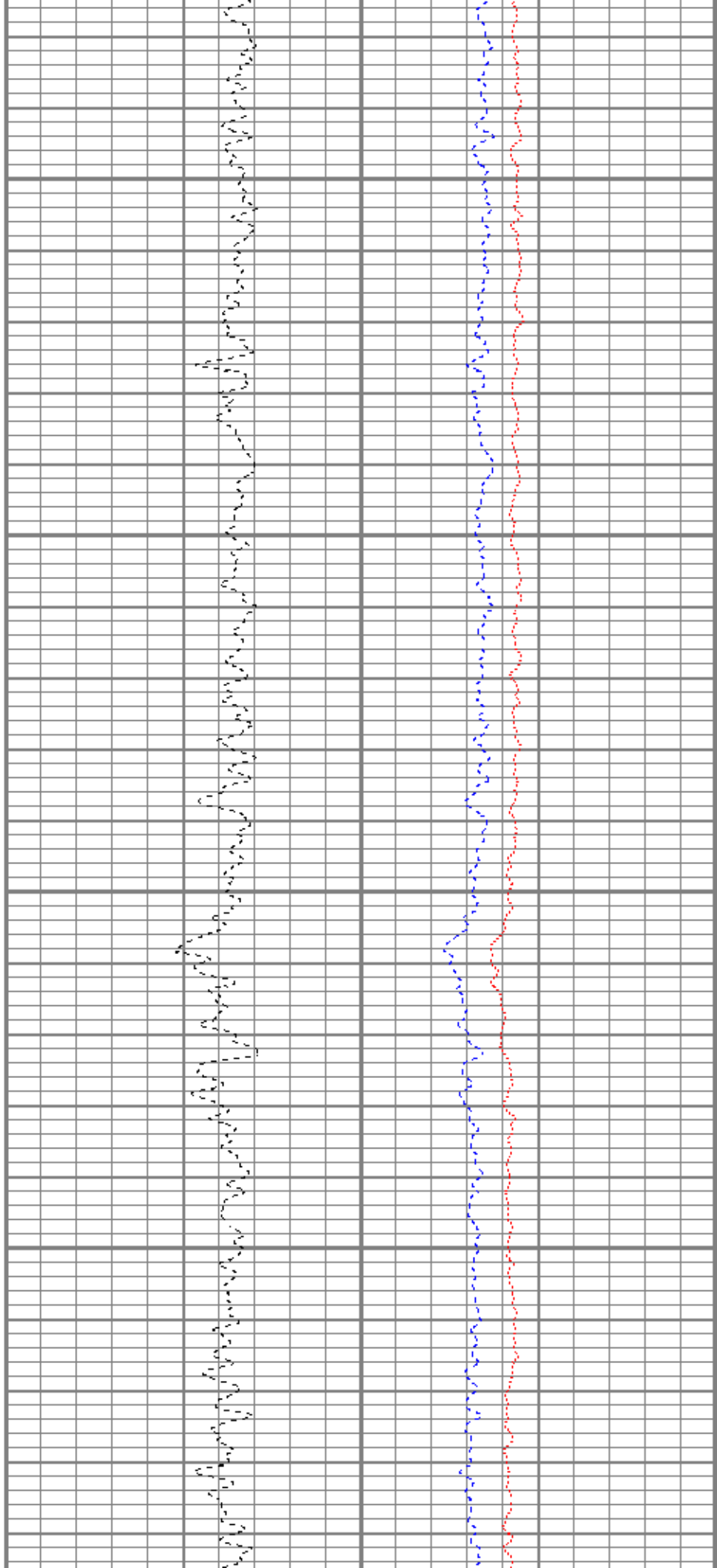
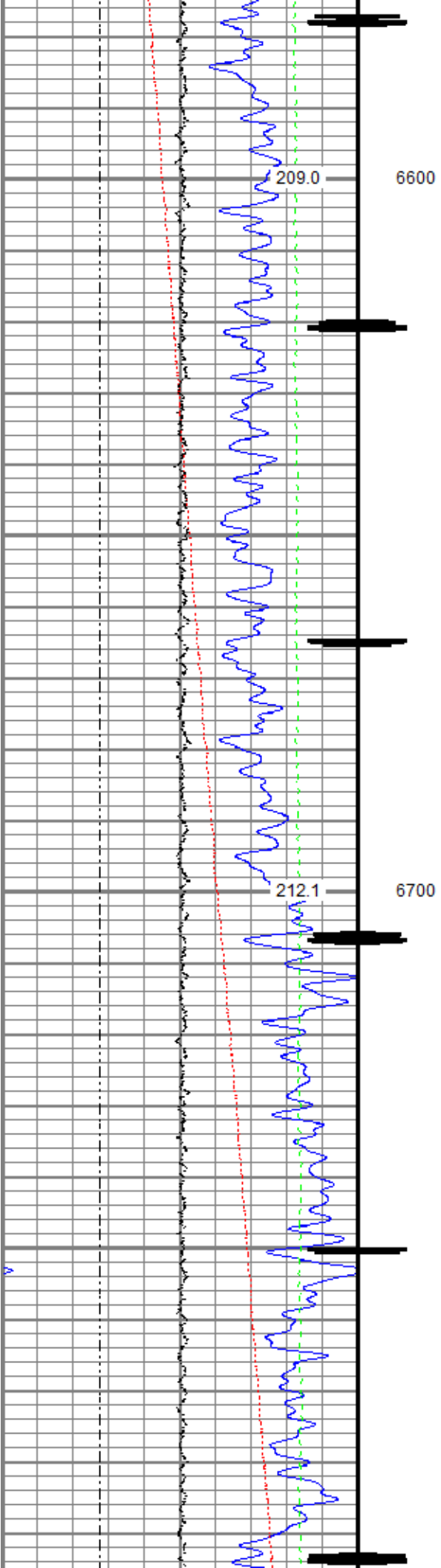


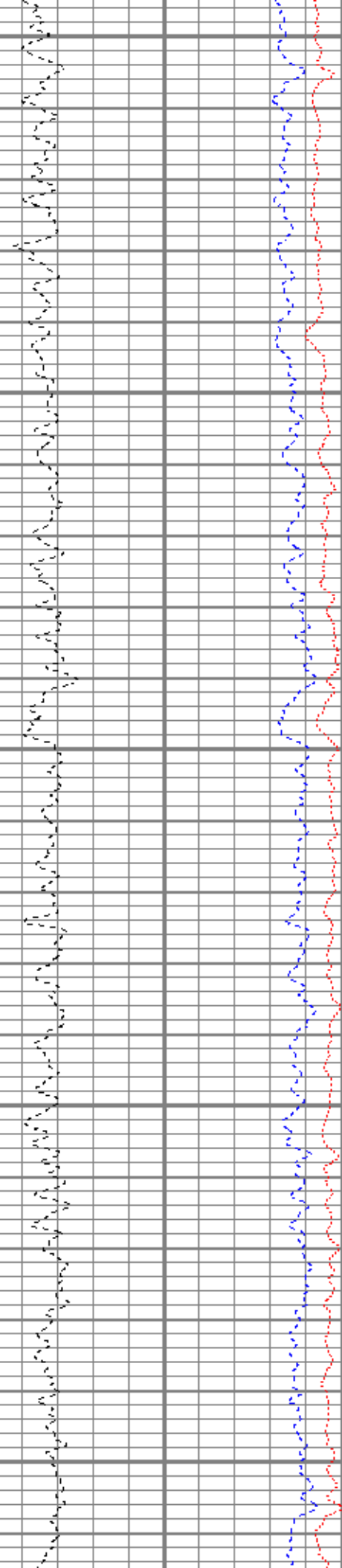
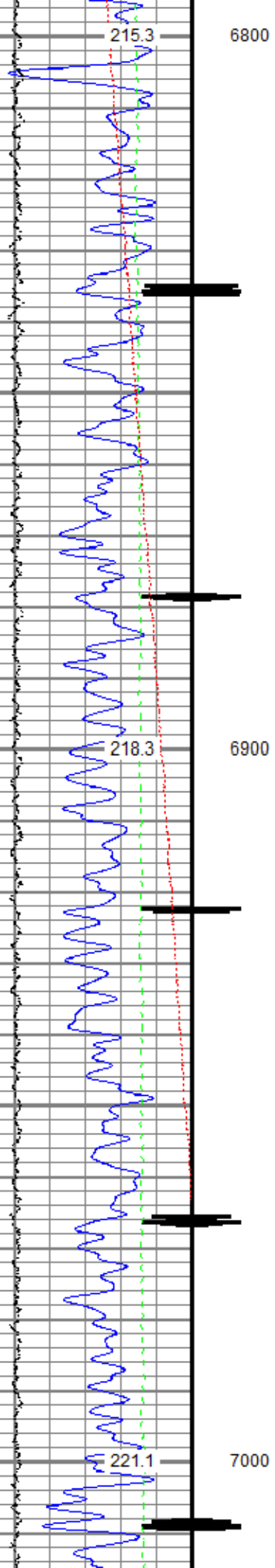


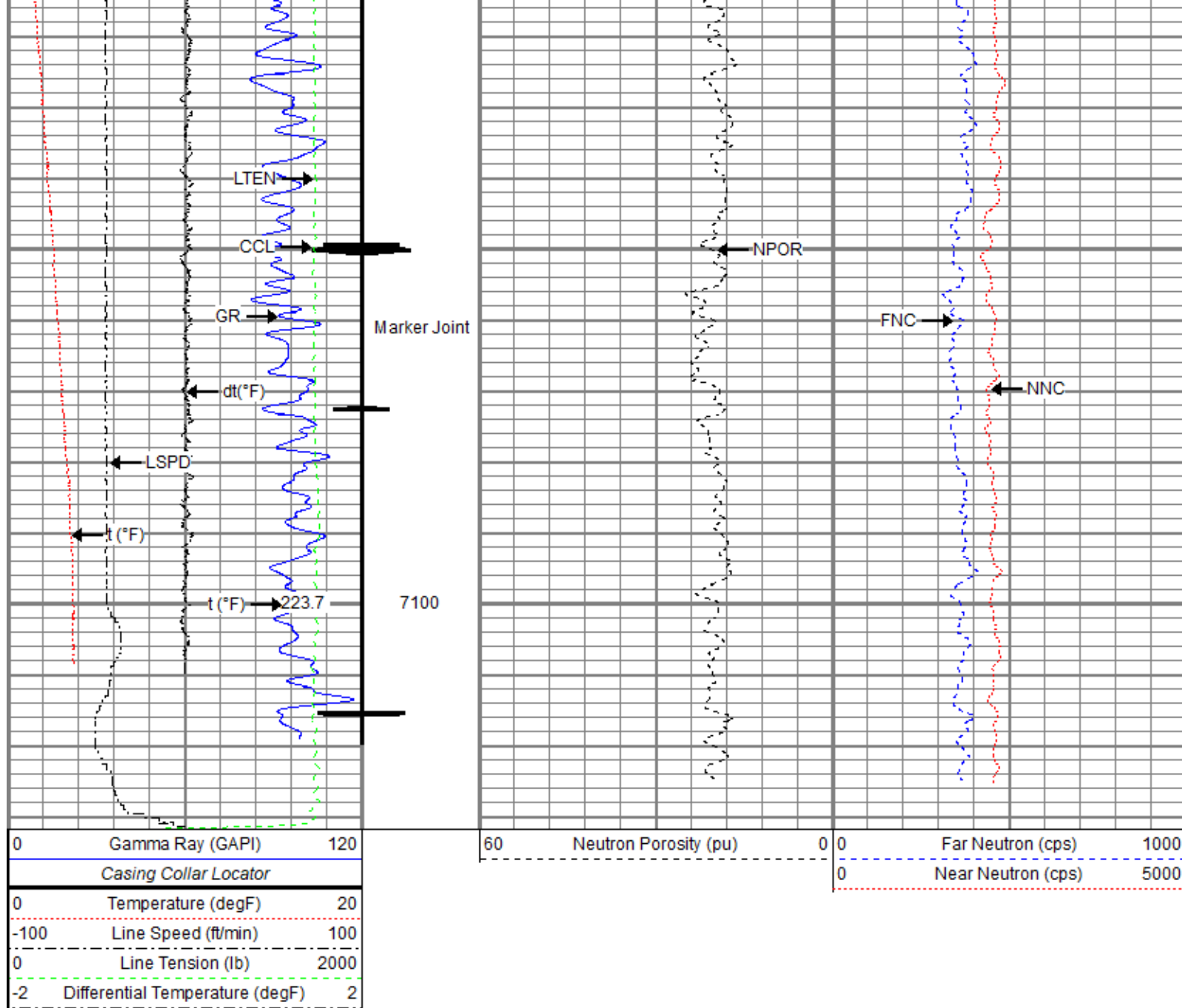








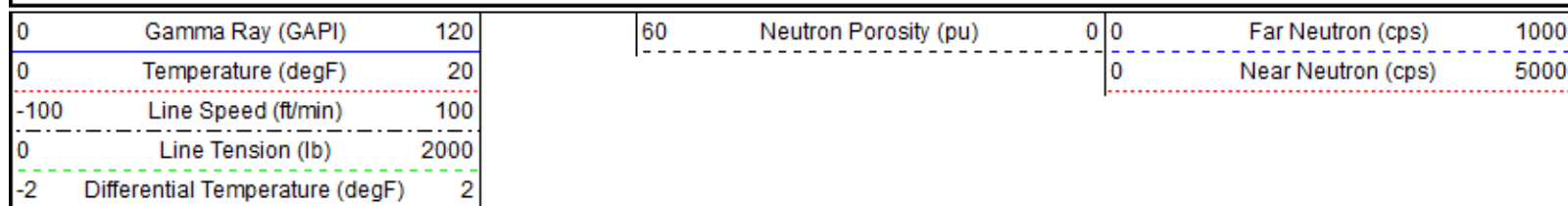




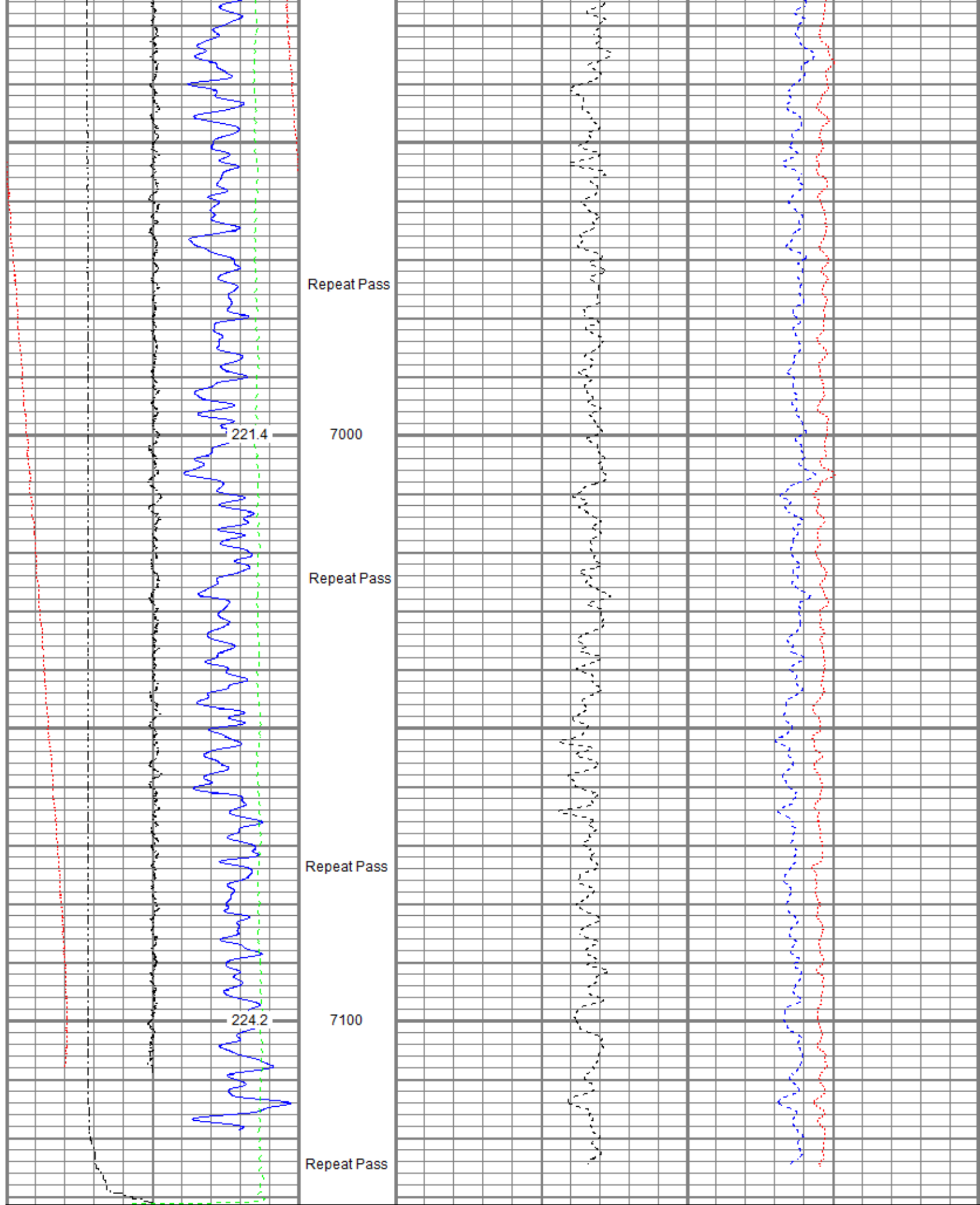
Repeat Pass

Recorded With 0 PSI Surface Induced Pressure

Database File 0512345502_anadarko_papa jo 2-25 35c-17hz_rbl_cnl_03-22-18\processed_0512345502_anadarko_papa jo 2-25 35c-17hz_
 Dataset Pathname pass2.1
 Presentation Format ros_cnl_probe
 Dataset Creation Thu Mar 22 15:14:20 2018
 Charted by Depth in Feet scaled 1:240








Repeat Pass



0	Gamma Ray (GAPI)	120	60	Neutron Porosity (pu)	0	0	Far Neutron (cps)	1000
0	Temperature (degF)	20				0	Near Neutron (cps)	5000
-100	Line Speed (ft/min)	100						
0	Line Tension (lb)	9999						

Line Tension (lb) 2000

-2 Differential Temperature (degF) 2

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
TEMP	22.08		Titan CHD-14375 GO	1.03	1.44	3.60
			Titan 1-7/16" Assembled Electric Cable Head w/ 1" Fishing Neck			
			Probe CENT-2750	2.88	2.75	20.00
			Probe 2-3/4" Electric Inline Bowspring Centralizer			
WVFS8	19.84		Probe Radii-2750 RBT (FW1308-091)	9.39	2.75	105.00
WVFS7	19.84		Probe 2-3/4" Radial Cement Bond Tool with Integral Temperature Sub			
WVFS6	19.84					
WVFS5	19.84					
WVFS4	19.84					
WVFS3	19.84					
WVFS2	19.84					
WVFS1	19.84					
WVFCAL	19.84					
WVF3FT	19.84					
WVF5FT	18.84					
CCL\$2 CCL\$1 GR	11.83		Probe CENT-2750	2.88	2.75	20.00
	11.83		Probe 2-3/4" Electric Inline Bowspring Centralizer			
	10.50					
CNLSC CNSSC			Probe GR-CCL-2750 6PB (FW1304-132)	4.80	2.75	55.00
			Probe 2-3/4" rev.1 Digital Scintillation Gamma Ray/CCL Combined with 6 Pin Bottom for CNT			
CNLSC CNSSC	4.53		Probe CN-2750 BL (FW1308-020_A1483)	5.03	2.75	60.00
	4.12		Probe 2-3/4" Compensated Neutron with Bottom Load			
			Probe CENT-2750	2.88	2.75	20.00
			Probe 2-3/4" Electric Inline Bowspring Centralizer			

Dataset: processed_0512345502_anadarko_papa jo 2-25 35c-17hz_rbl_cnl_03-22-18.db: field/well/run1/merge1.1
 Total length: 28.90 ft
 Total weight: 283.60 lb
 O.D.: 2.75 in

Calibration Report

Database File c:\programdata\warrior\data\0512345502_anadarko_papa jo 2-25 35c-17hz_rbl_cnl_03-22-18\processed_0512345502_anadarko_papa jo 2-25 35c-17hz_rbl_cnl_03-22-18
 Dataset Pathname merge1.1
 Dataset Creation Thu Mar 22 15:05:00 2018

Compensated Neutron Calibration Report

Type / Serial: 2750 BL / FW1308-020_A1483
 Source / Verifier: /
 Temperature:

SHOP CALIBRATION

Wed Oct 11 09:42:11 2017

	Cal Tube	Units
Tank Ratio		SS/LS
Tank Porosity		pu
LS Detector		cps
SS Detector		cps
Tool Ratio		SS/LS
Tool Porosity		pu

Tool Constant =

Field Verifier	SS Detector	LS Detector	Ratio	Porosity
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PRE-SURVEY VERIFICATION

SS Detector	LS Detector	Ratio	Porosity
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POST-SURVEY VERIFICATION

SS Detector	LS Detector	Ratio	Porosity
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Gamma Ray Calibration Report

Serial Number: FW1304-132
 Tool Model: 2750 6PB
 Performed: Tue Nov 28 11:17:11 2017

Calibrator Value: 637.0 GAPI

Background Reading: 109.1 cps
 Calibrator Reading: 1009.7 cps

Sensitivity: 0.7072 GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number: FW1308-091
 Tool Model: 2750 RBT

Calibration Casing Diameter: 5.500 in
 Calibration Depth: -81.499 ft

Master Calibration, performed (Derived):

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.003	0.450	0.800	71.921	159.018	0.298
CAL	0.507	0.508				
5'	0.004	0.455	0.800	71.924	159.025	0.555

S	0.001	0.405	0.800	71.921	176.095	0.555
SUM						
S1	0.003	0.434	0.000	100.000	232.081	-0.622
S2	0.002	0.440	0.000	100.000	228.267	-0.520
S3	0.002	0.452	0.000	100.000	222.362	-0.526
S4	0.002	0.464	0.000	100.000	216.427	-0.509
S5	0.003	0.481	0.000	100.000	209.056	-0.625
S6	0.003	0.481	0.000	100.000	209.122	-0.671
S7	0.003	0.464	0.000	100.000	216.883	-0.672
S8	0.003	0.444	0.000	100.000	226.810	-0.674

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.507	0.508	1.000	0.000

Air Zero Calibration, performed Thu Mar 22 09:11:30 2018:

	Raw (v)		Calibrated (v)		Results	
	Zero		Zero		Offset	
3'	0.007		0.000		0.000	
5'	0.008		0.000		0.000	
SUM						
S1	0.005		0.000		-0.000	
S2	0.008		0.000		-0.001	
S3	0.008		0.000		-0.000	
S4	0.008		0.000		-0.000	
S5	0.007		0.000		0.000	
S6	0.007		0.000		0.000	
S7	0.007		0.000		0.000	
S8	0.007		0.000		0.000	

Temperature Calibration Report

Serial Number: FW1308-091
Tool Model: 2750 RBT
Performed: Sun Nov 12 13:50:54 2017

	Reference	Reading
Low Reference:	100.00 degF	104.72 degF
High Reference:	350.00 degF	392.24 degF

Gain: 0.87
Offset: 8.94
Delta Spacing: 1



Company: Kerr-McGee Oil & Gas Onshore, L.P.
Well: Papa Jo 2-25 35C-17HZ
Field: Wattenberg
County: Weld
State: Colorado