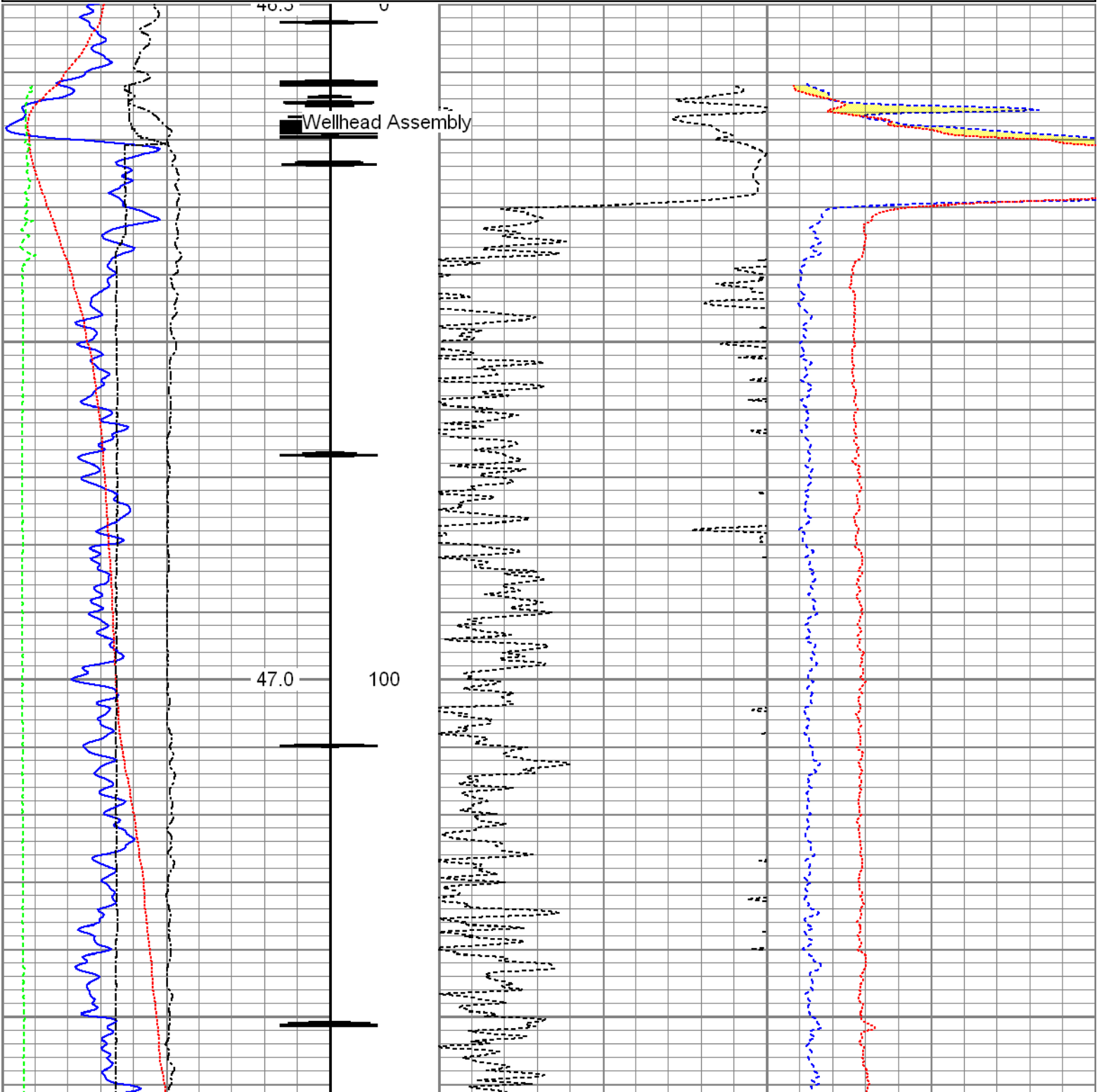
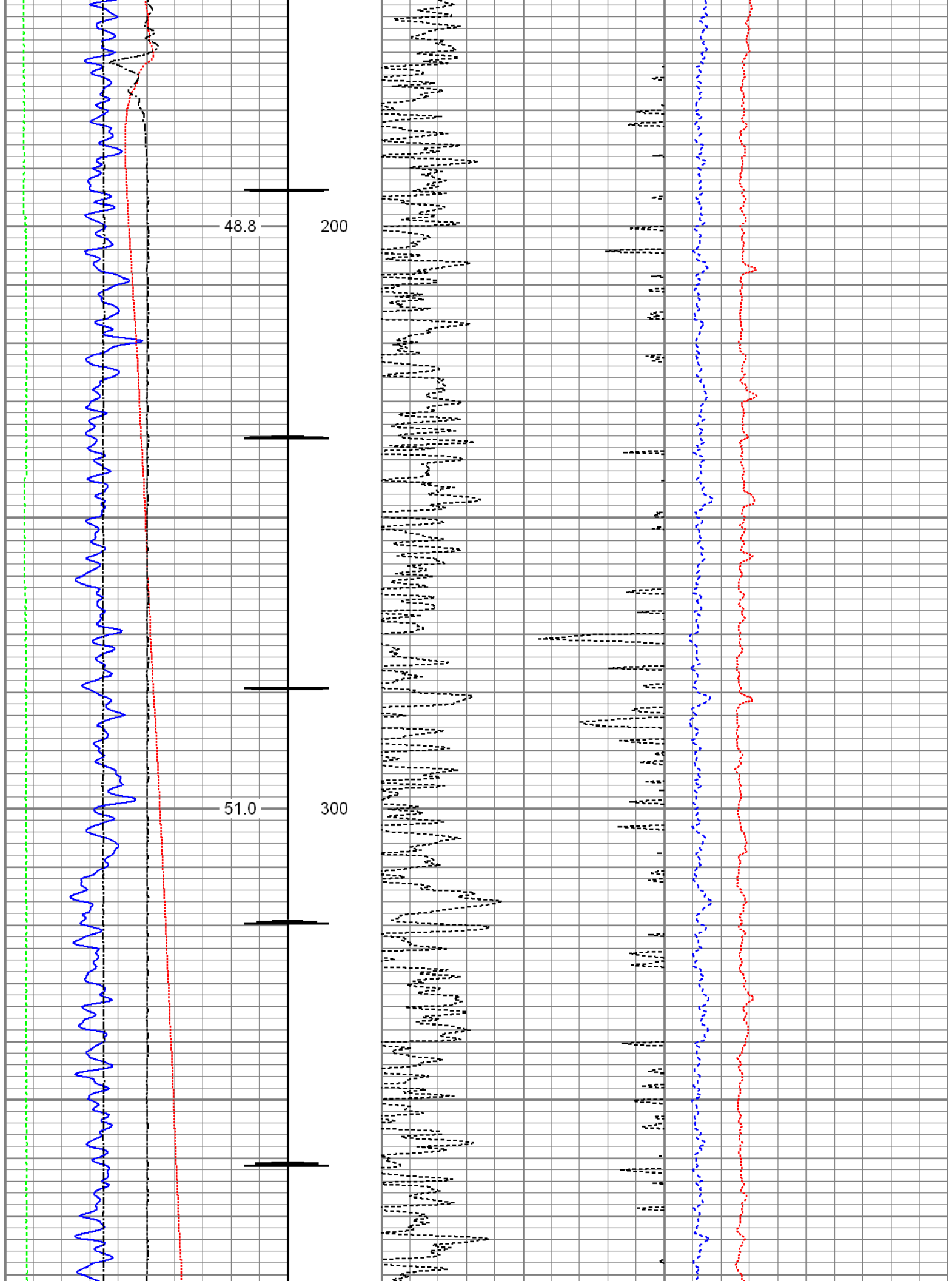


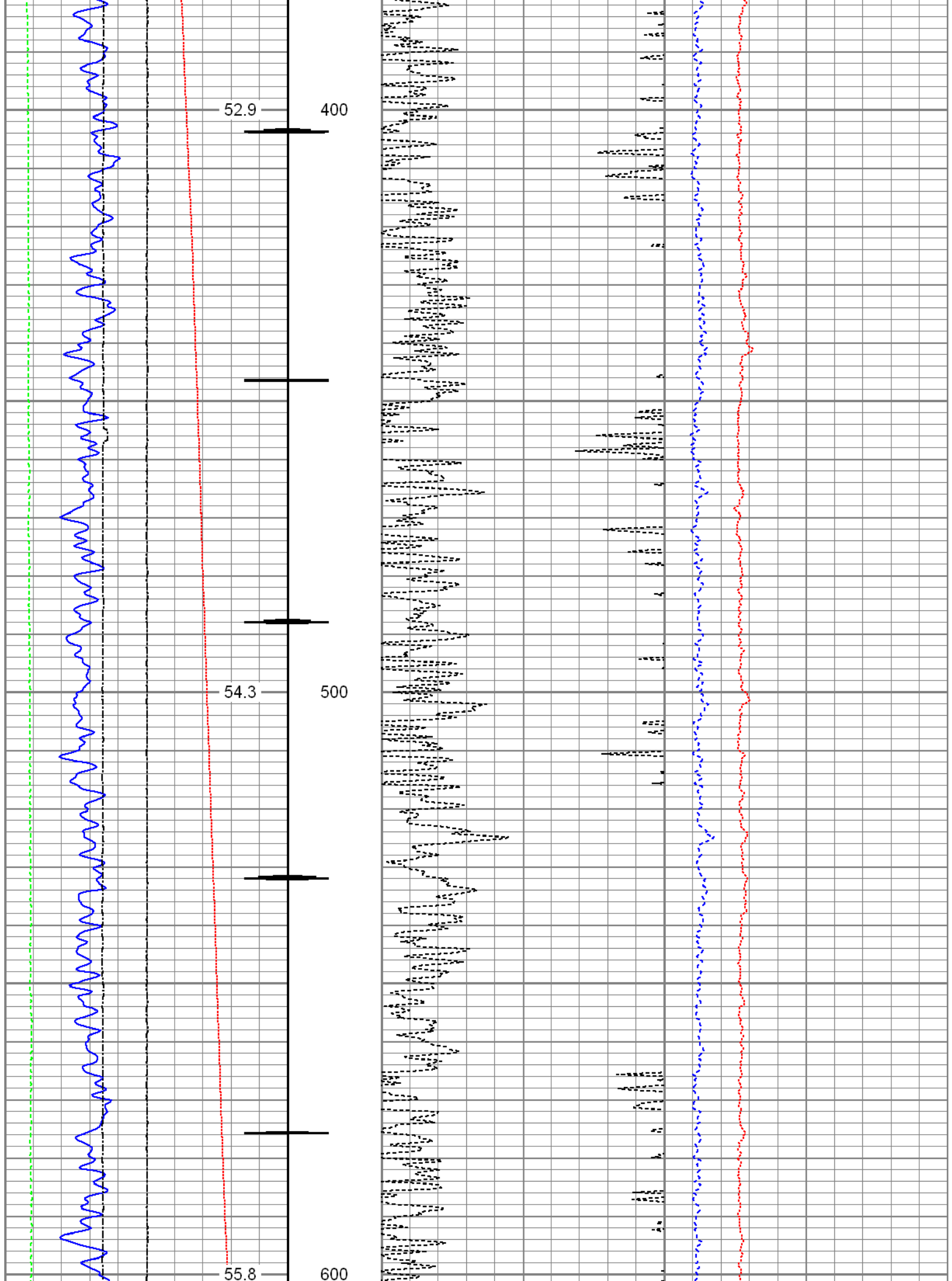
Database File: c:\warrior\data\0512341069_anadarko_whisper rock 4c-25hz_01-26-16_rbl_cnl\0512341069_anadarko
 Dataset Pathname: pass4.1
 Presentation Format: cnl
 Dataset Creation: Wed Jan 27 10:48:34 2016 by Calc SCH 120430
 Charted by: Depth in Feet scaled 1:240

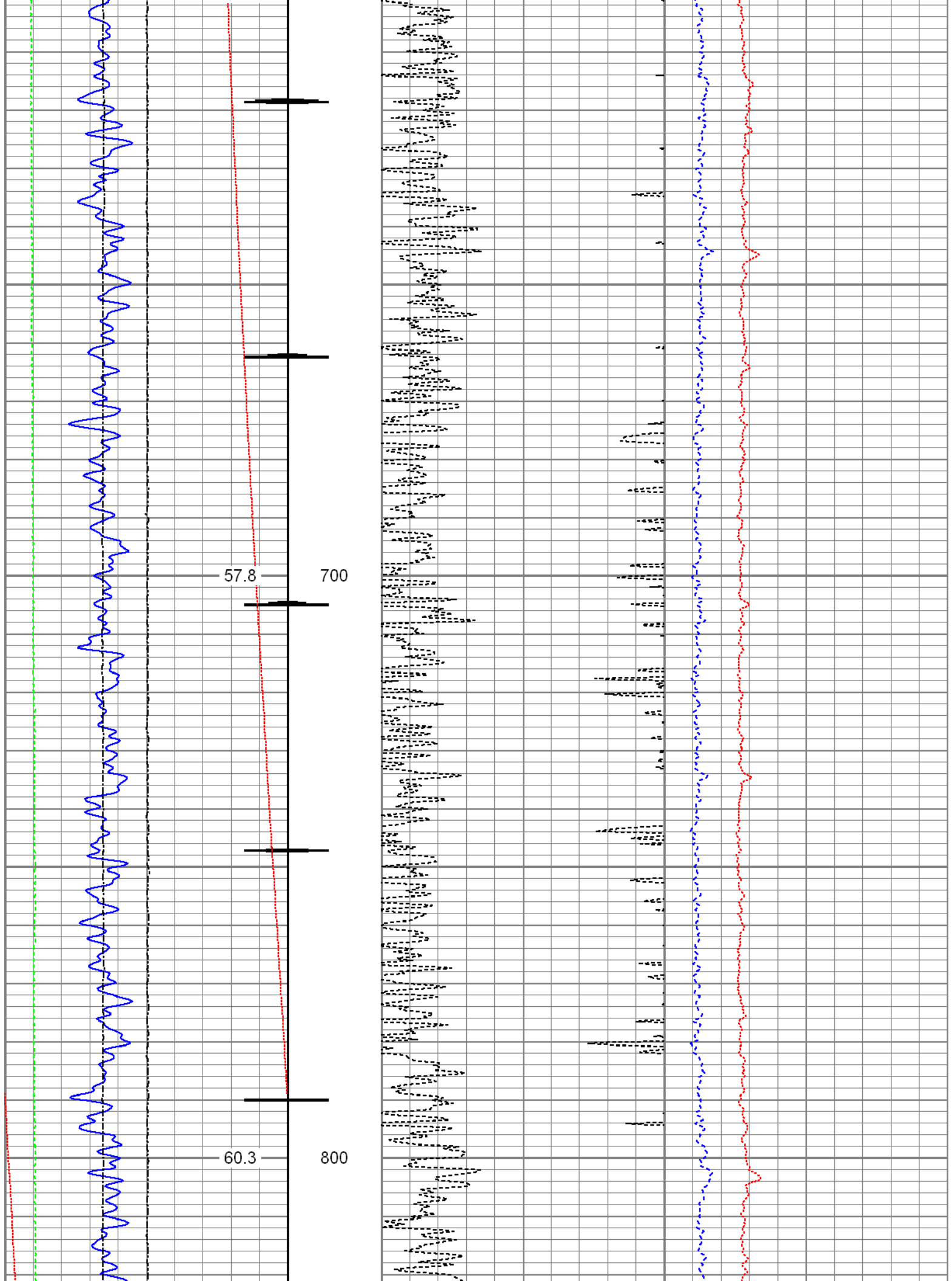
0	Gamma Ray (GAPI)	120
Casing Collar Locator		
0	Temperature (degF)	20
-100	Line Speed (ft/min)	100
0	Line Tension (lb)	2000
-2	Differential Temperature (degF)	2

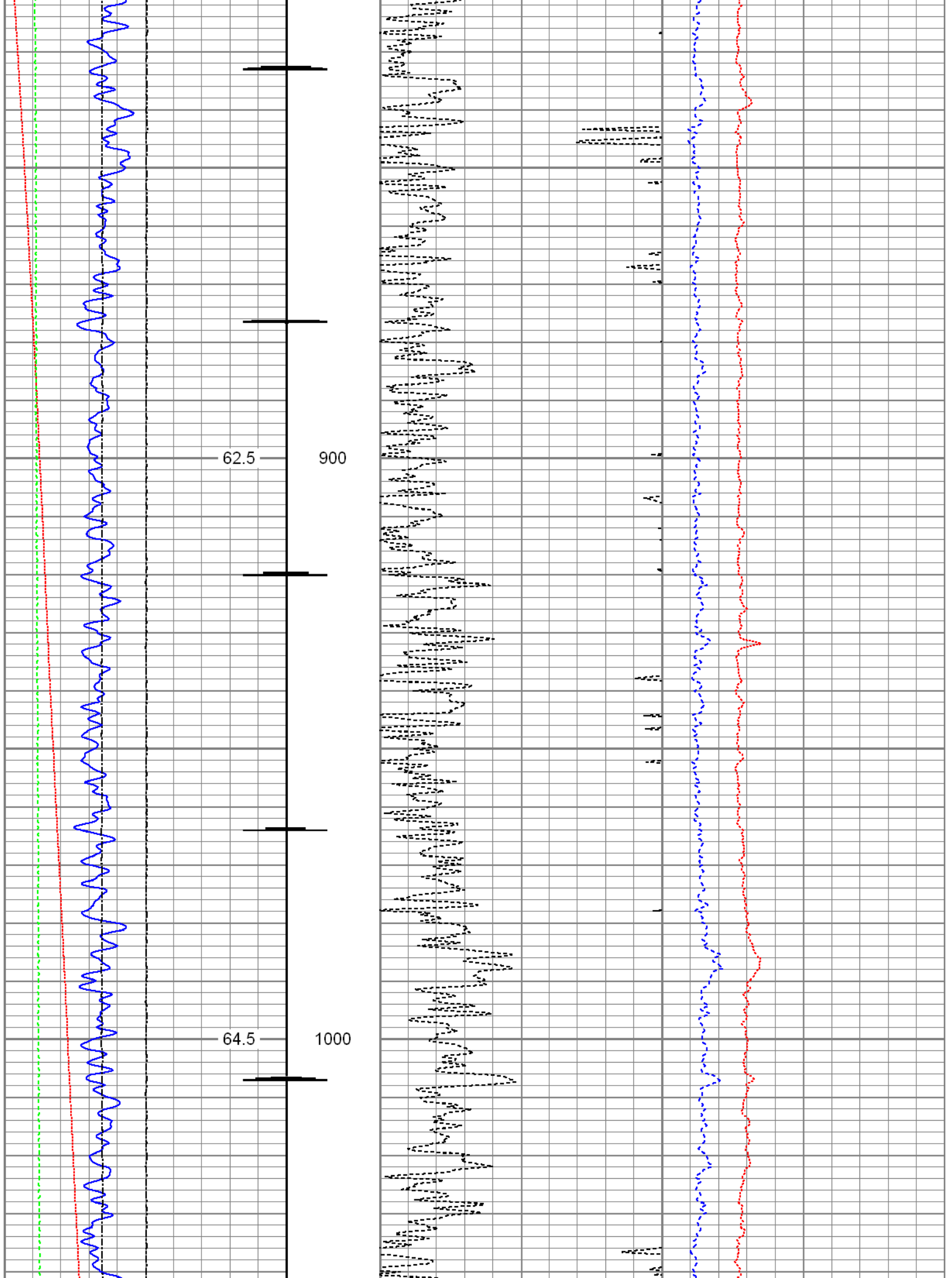
60	Neutron Porosity (pu)	0	0	Far Neutron (cps)	1000	
0					Near Neutron (cps)	10000

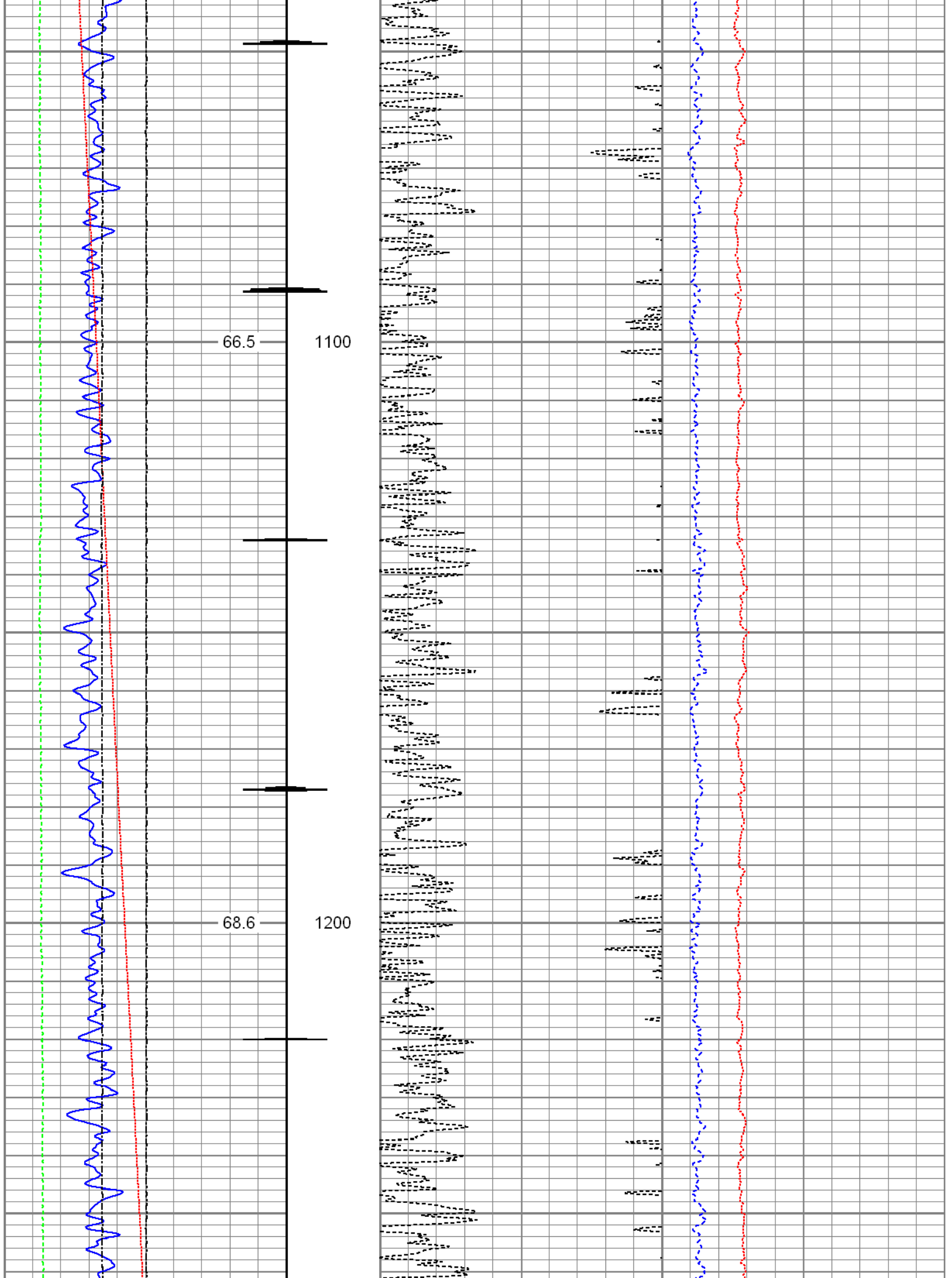


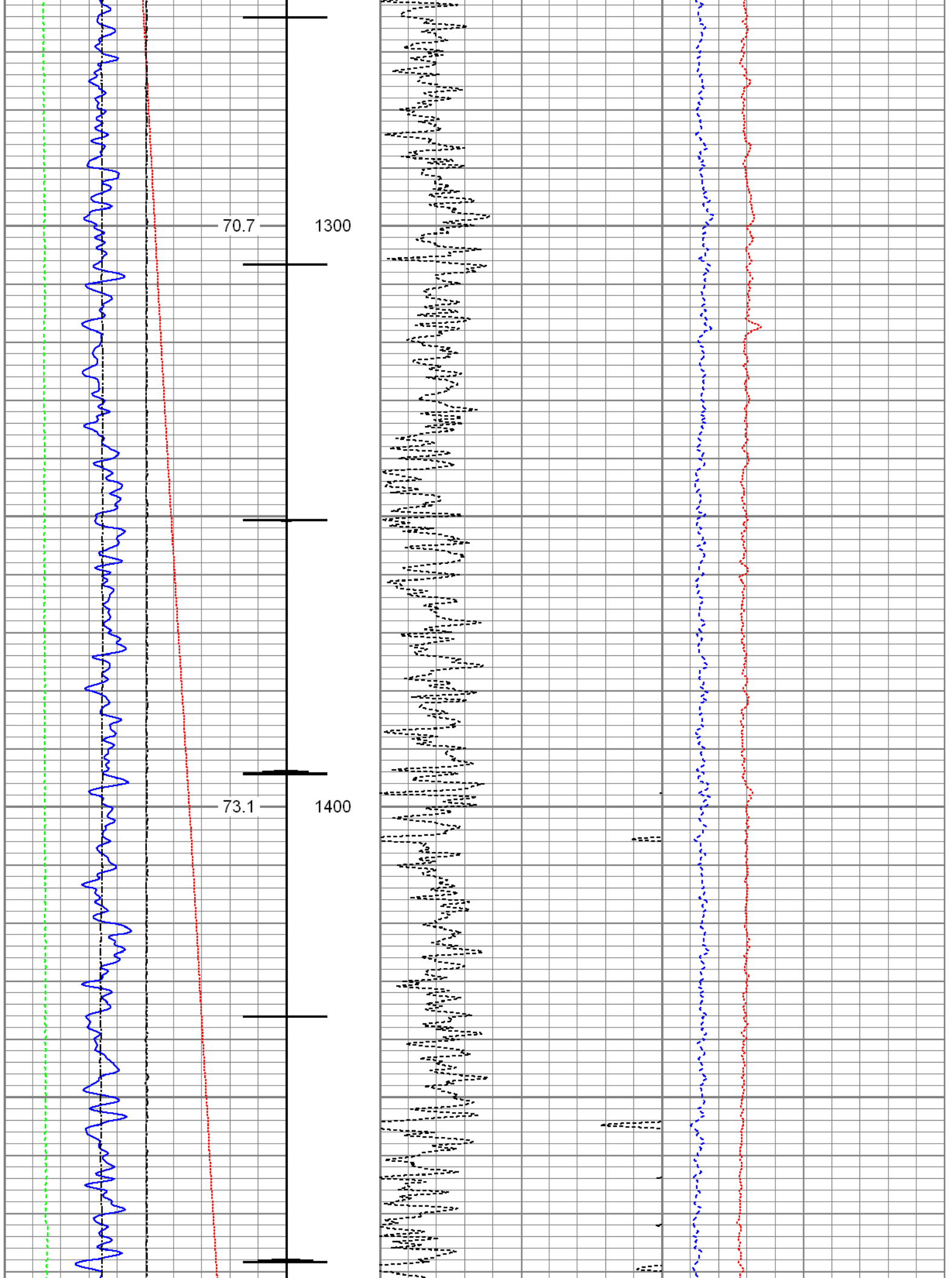


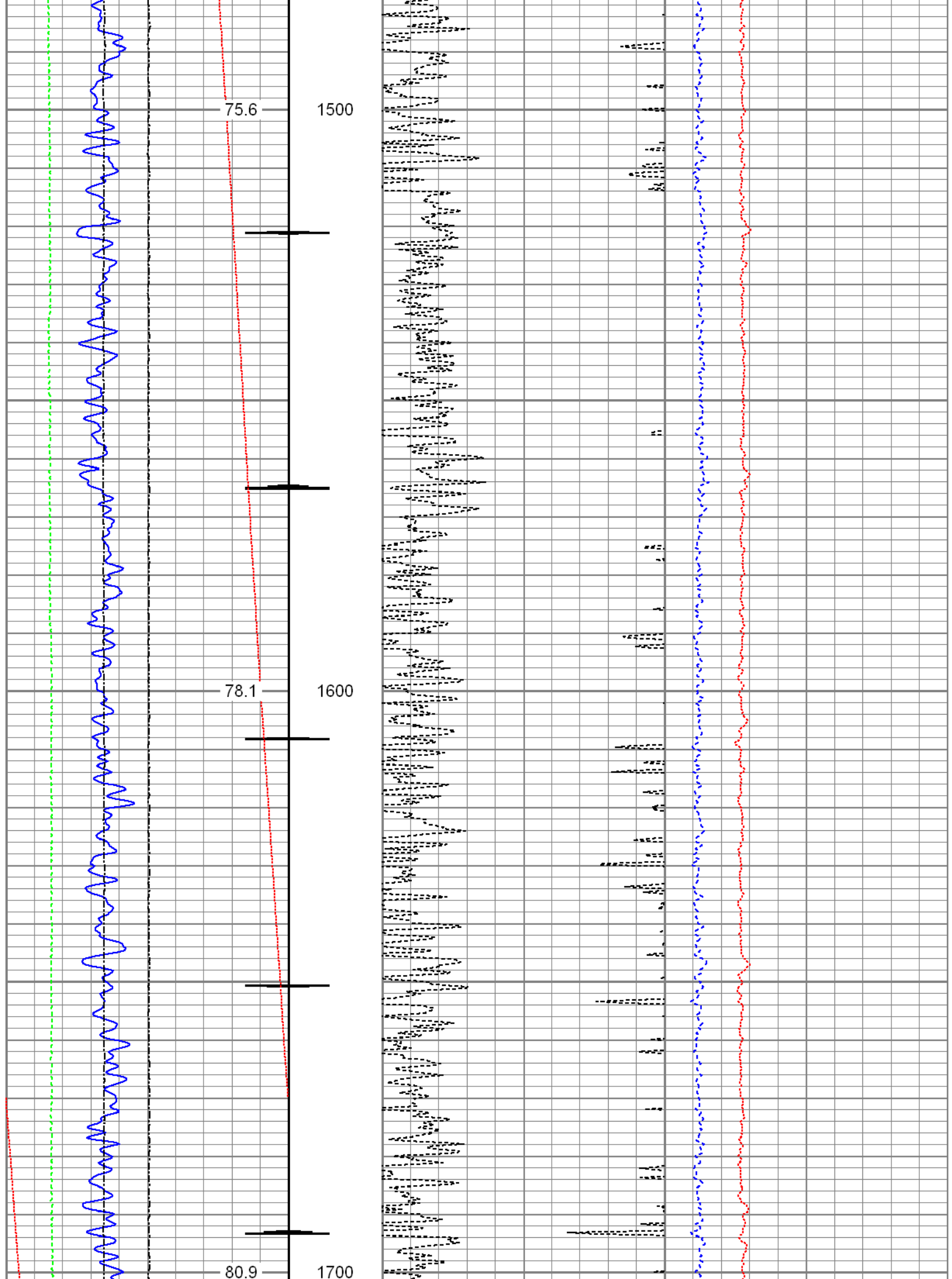


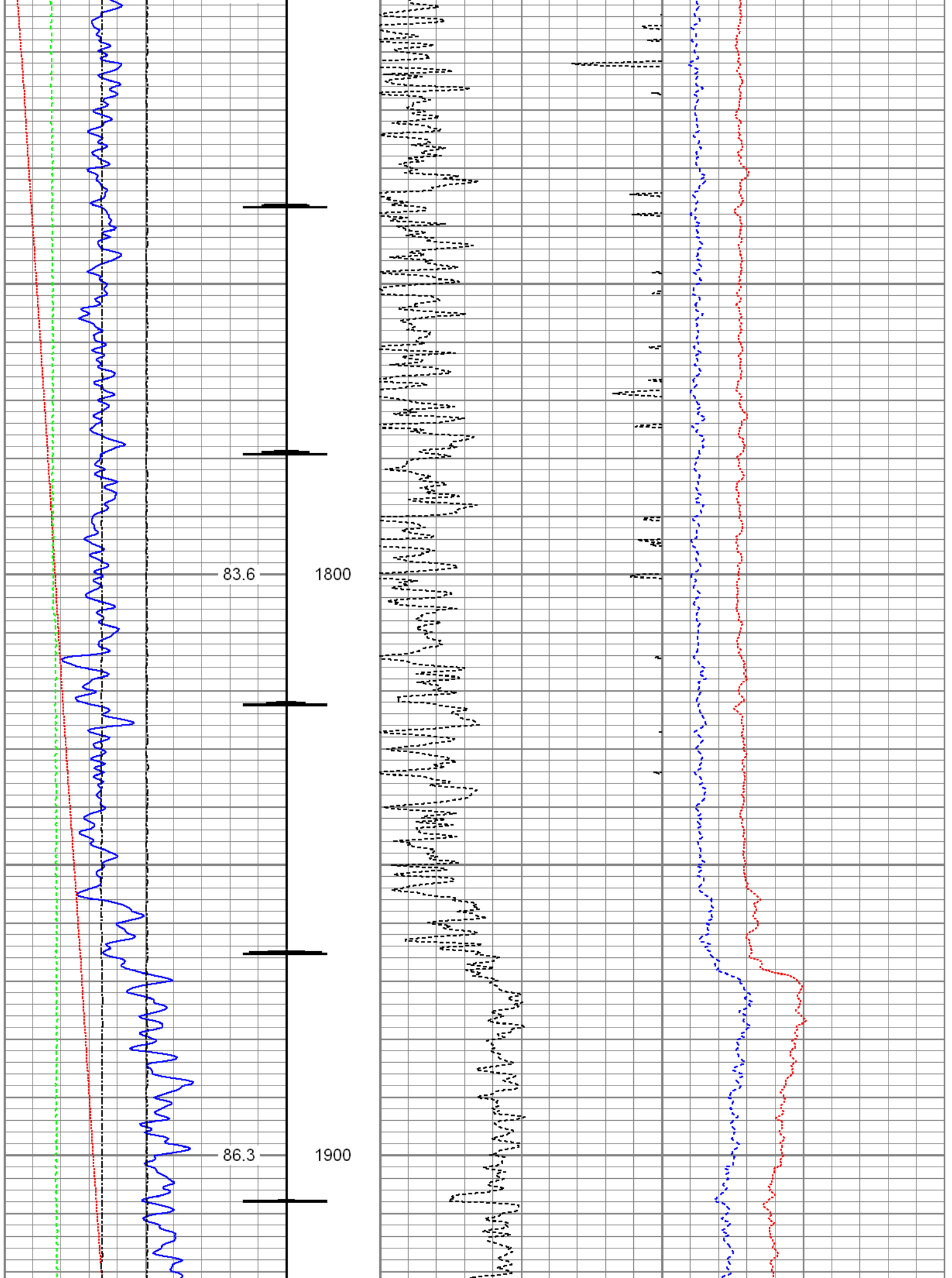


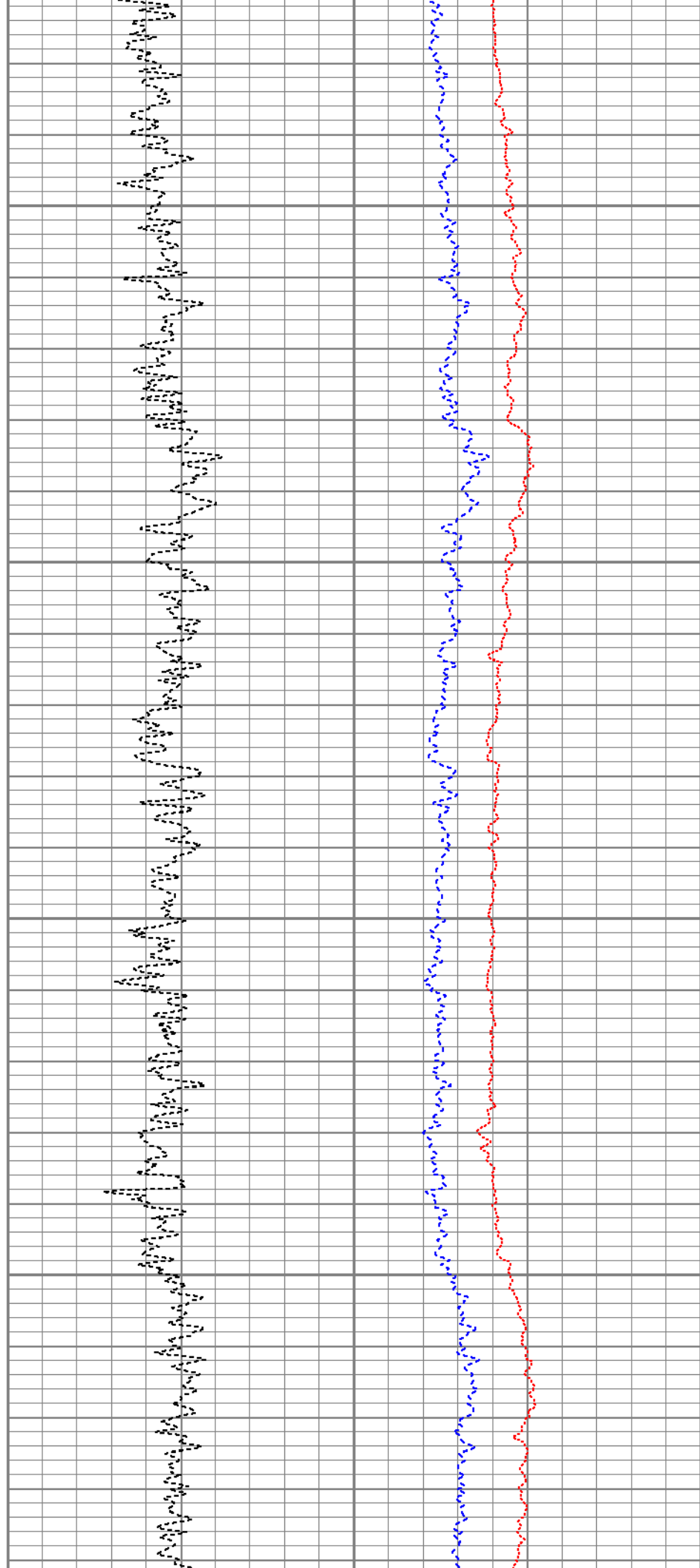
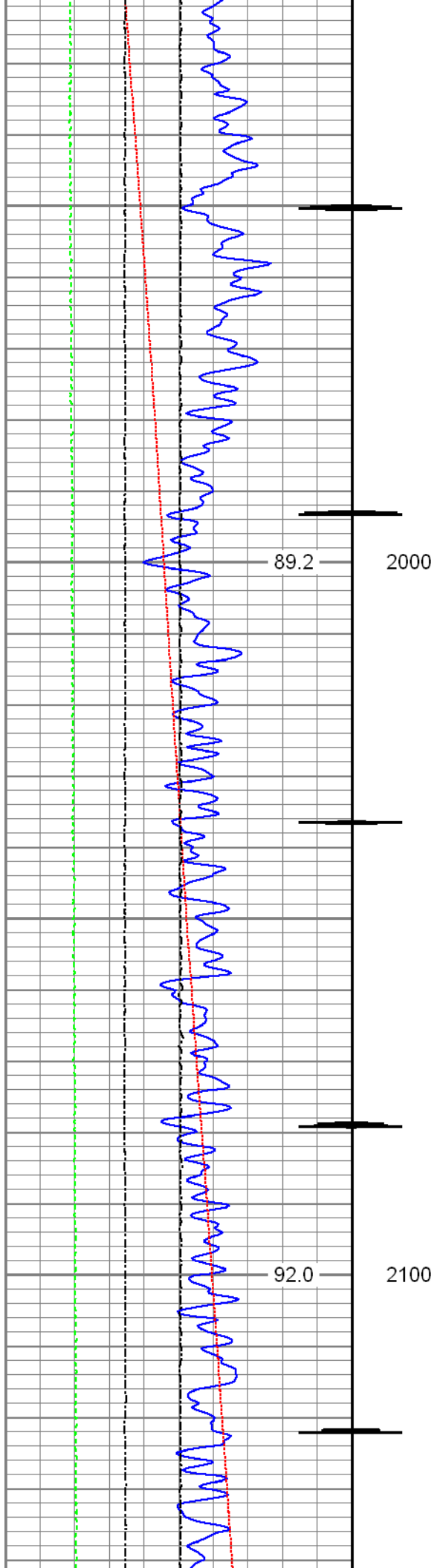


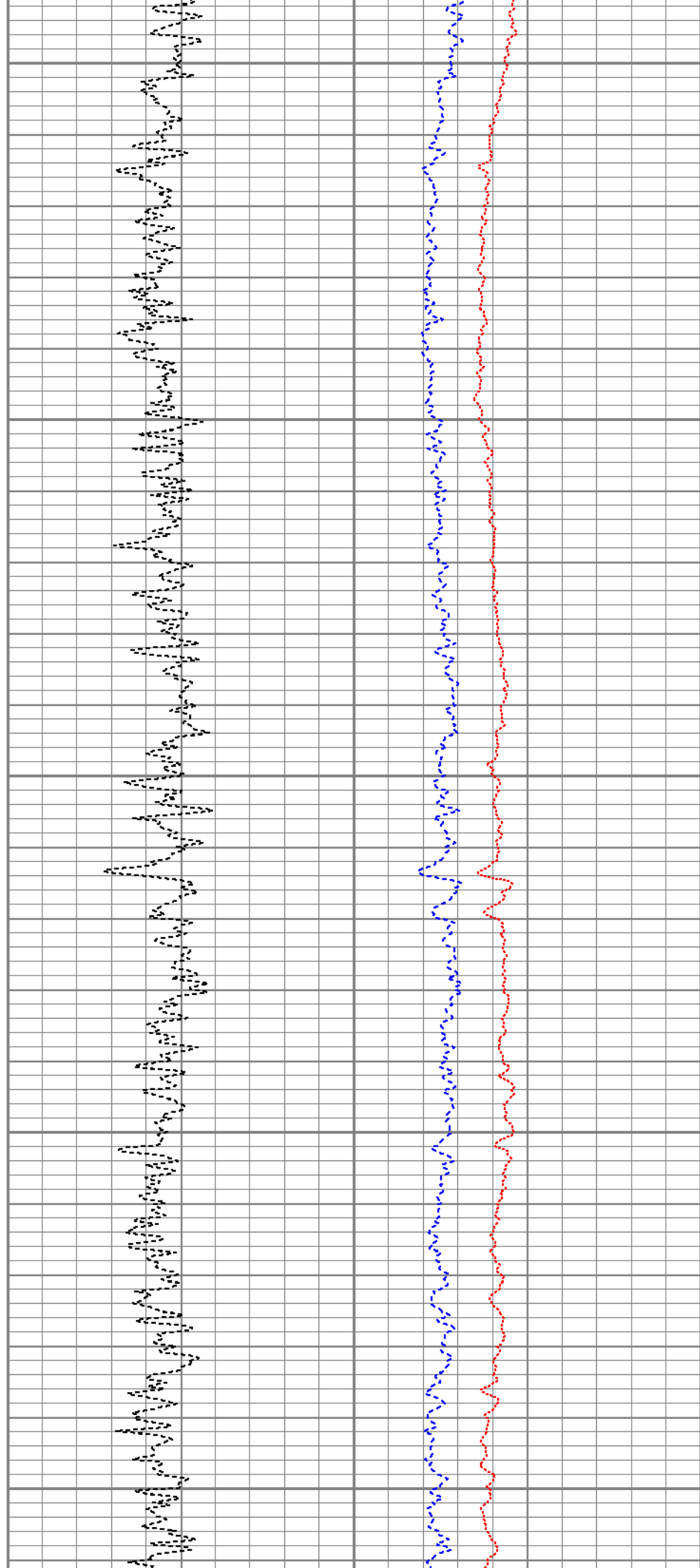
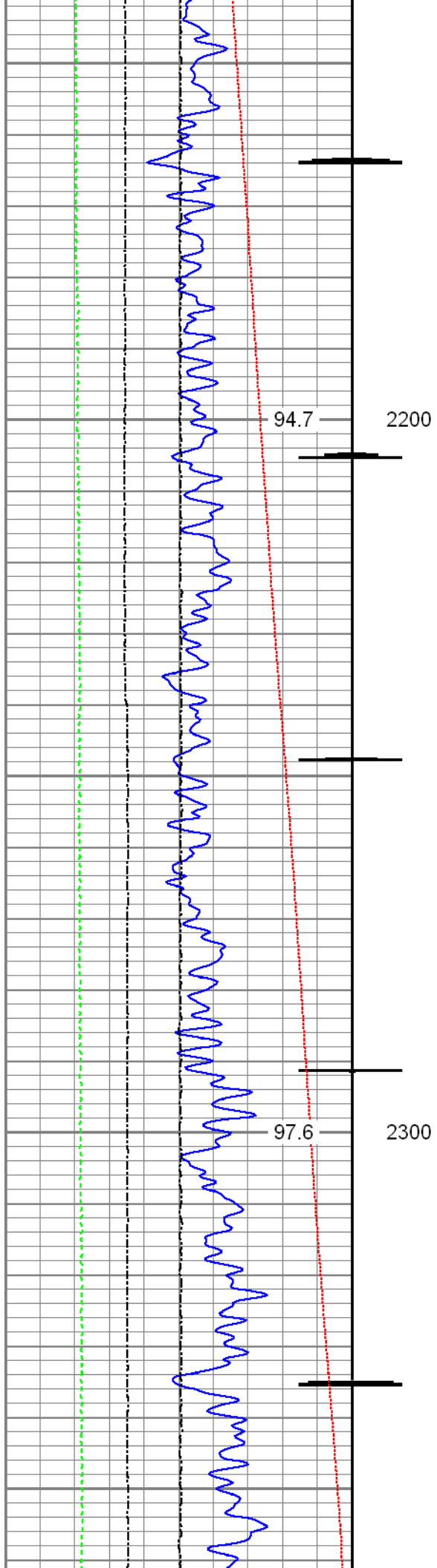


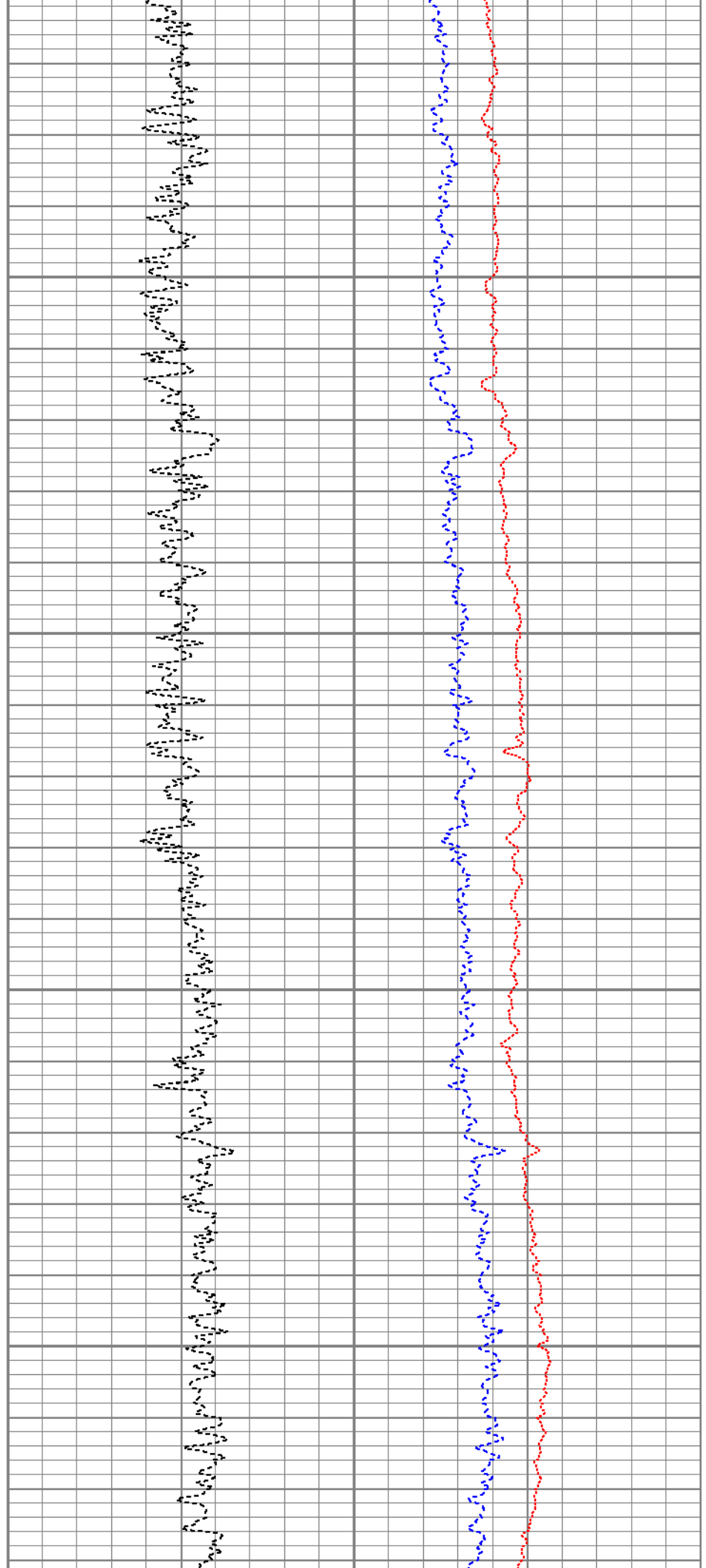
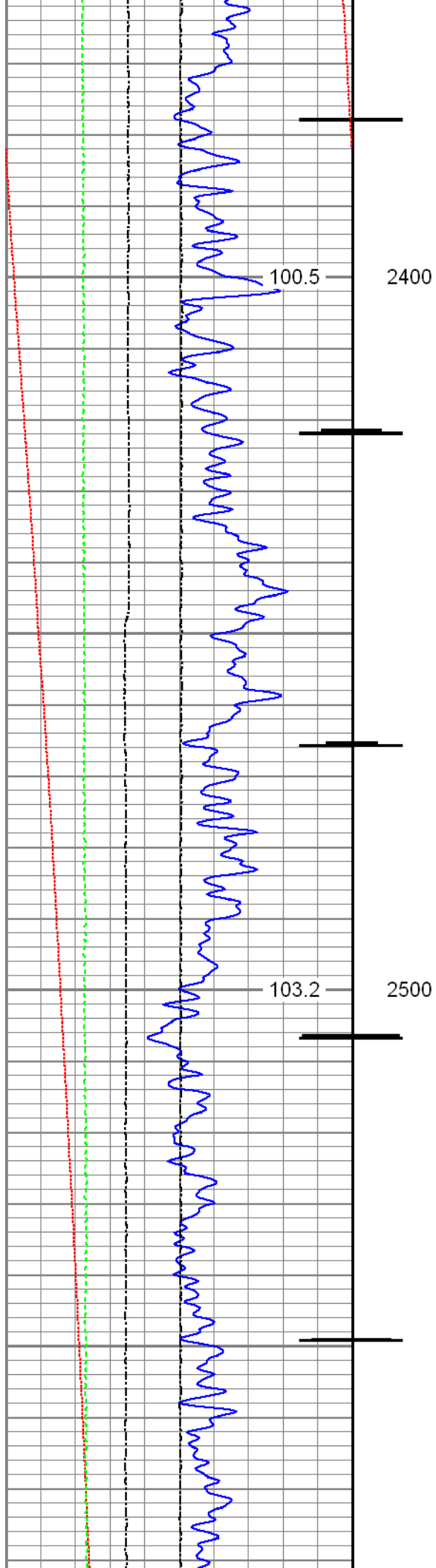


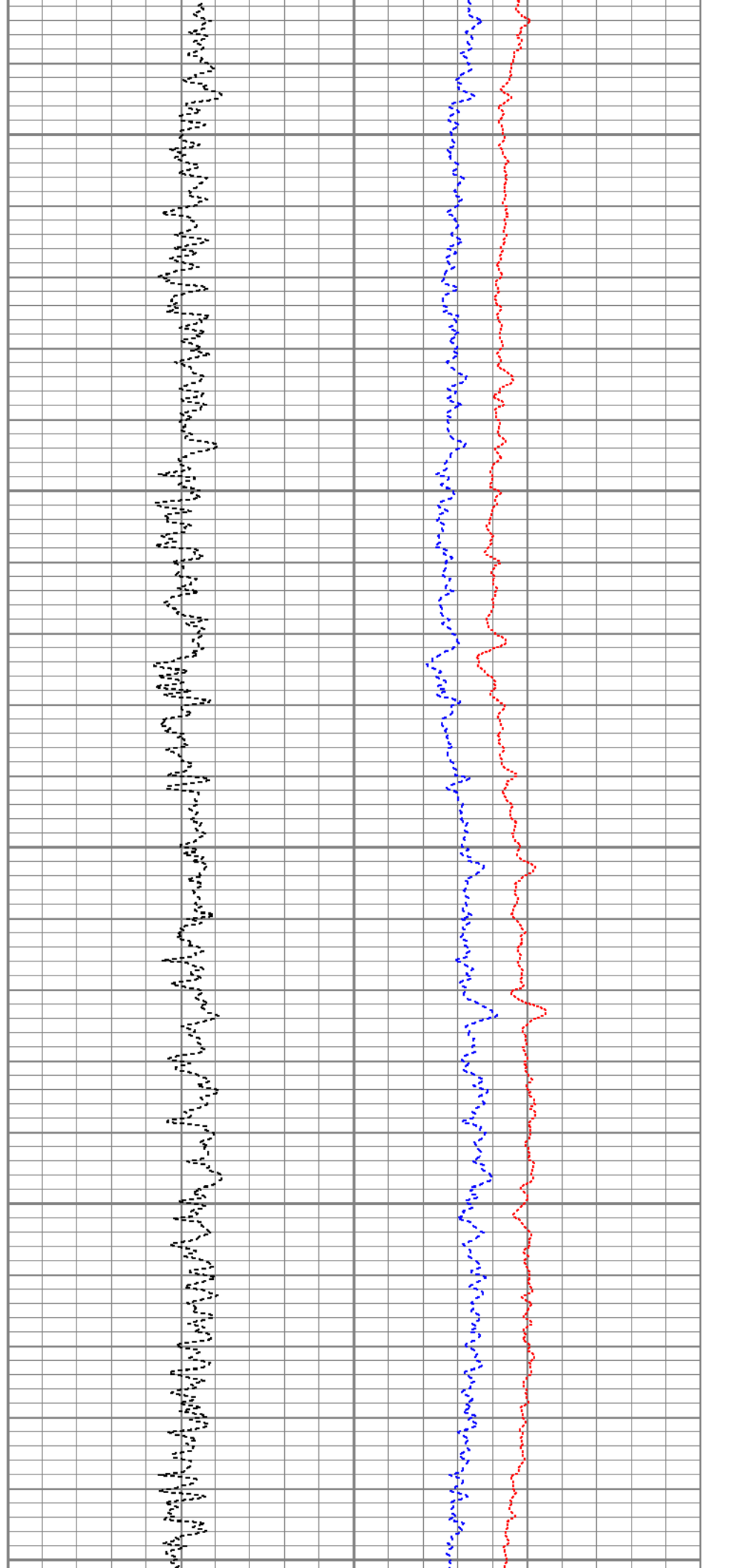
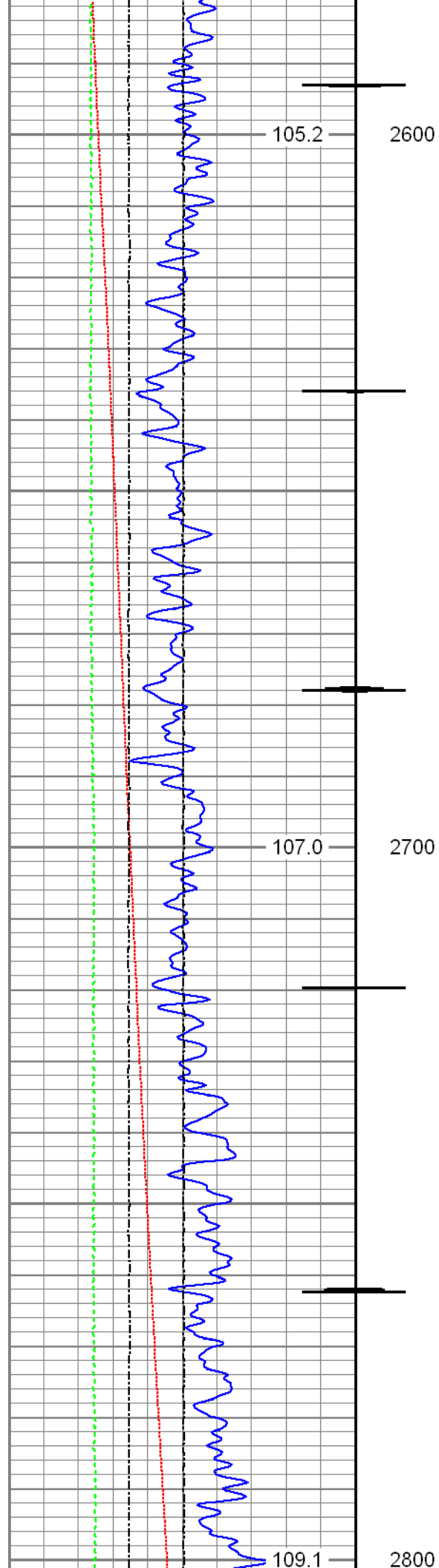


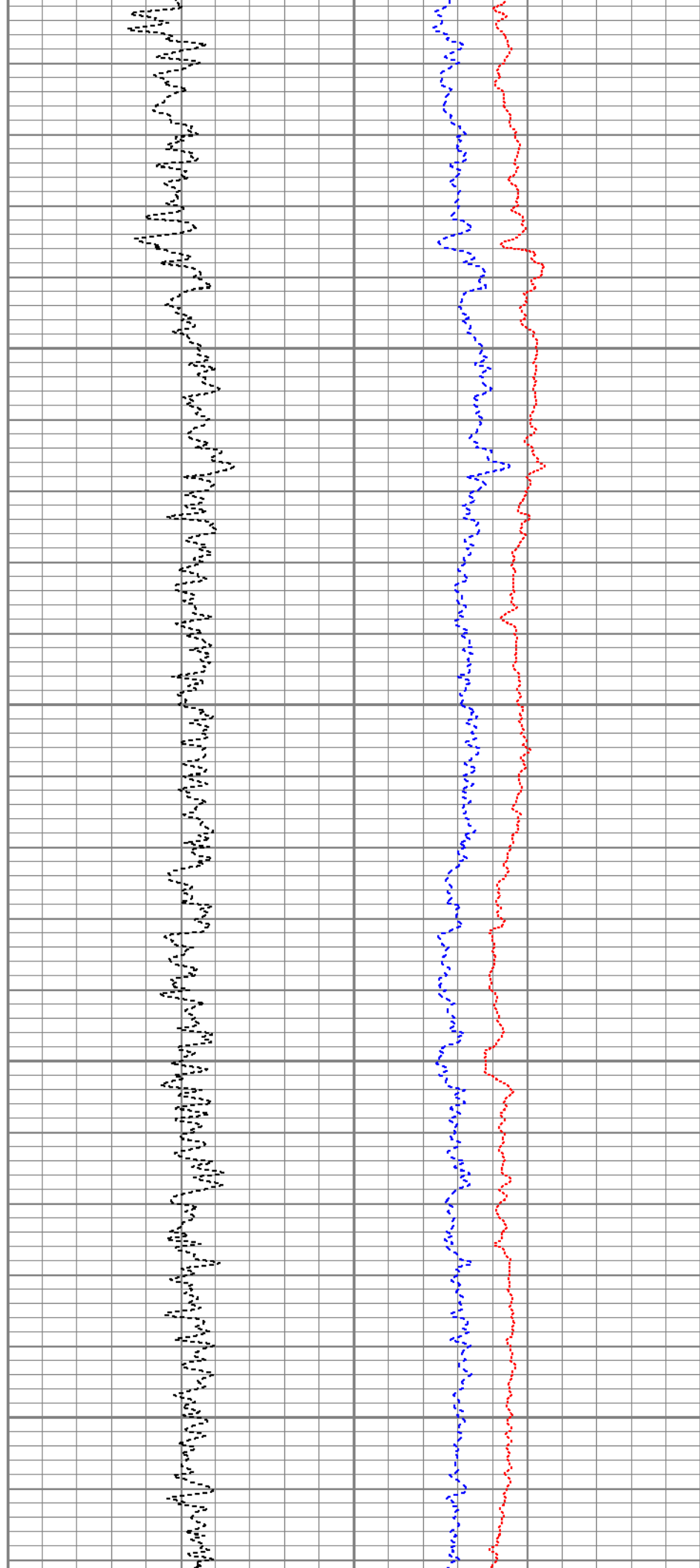
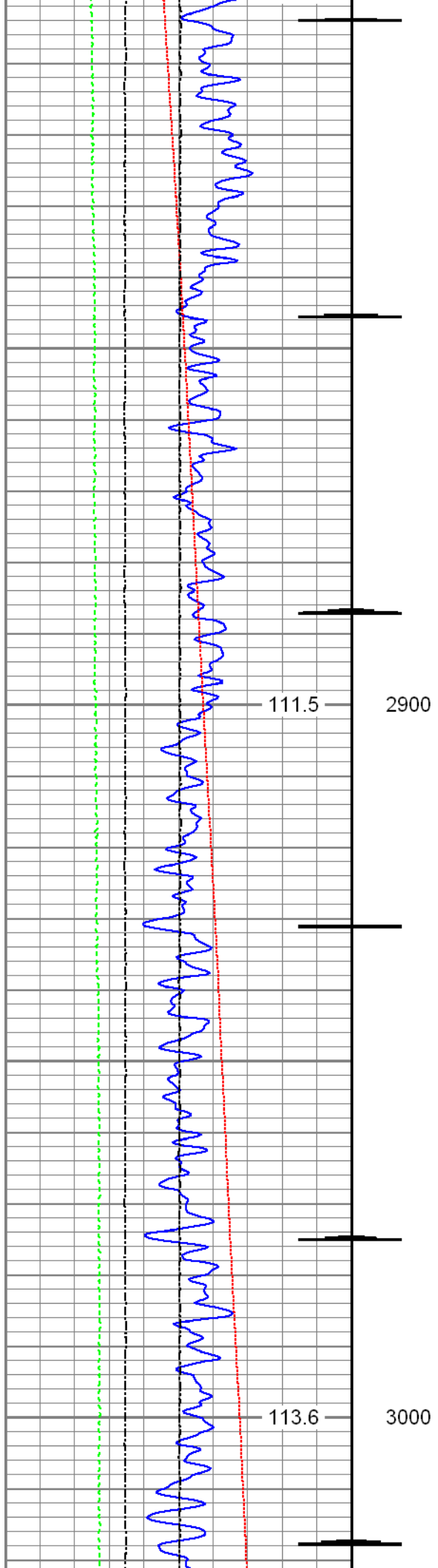


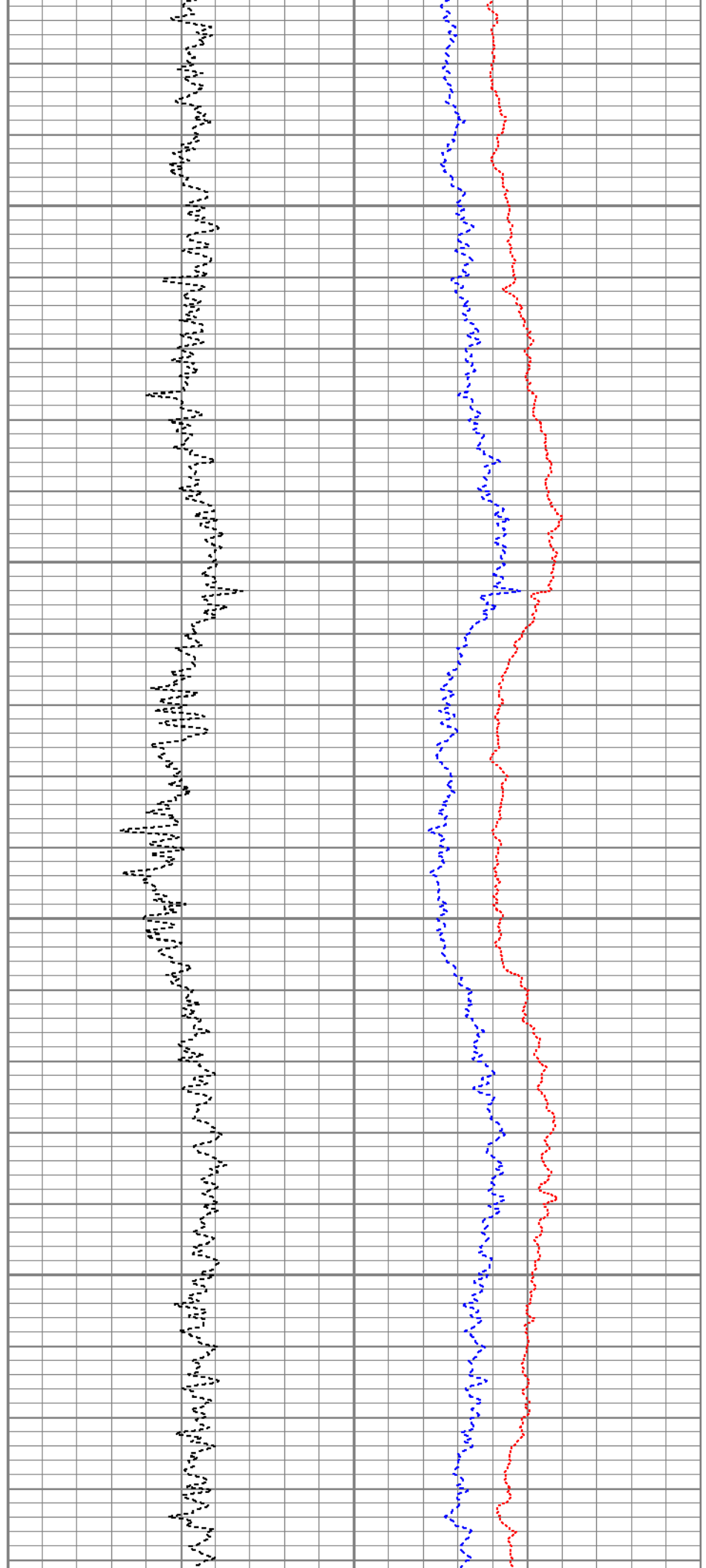
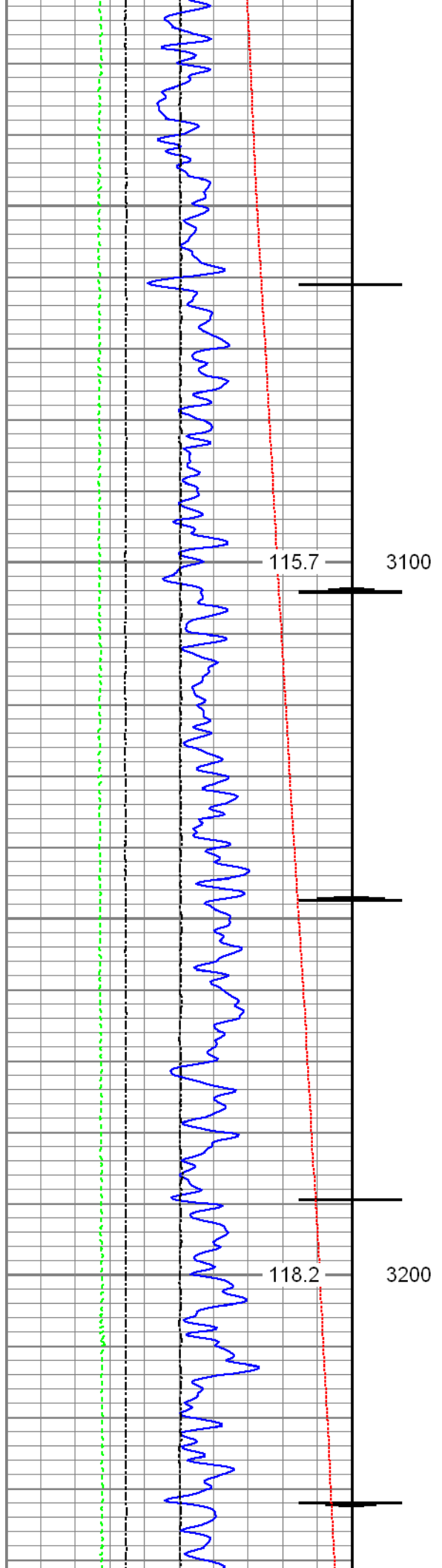


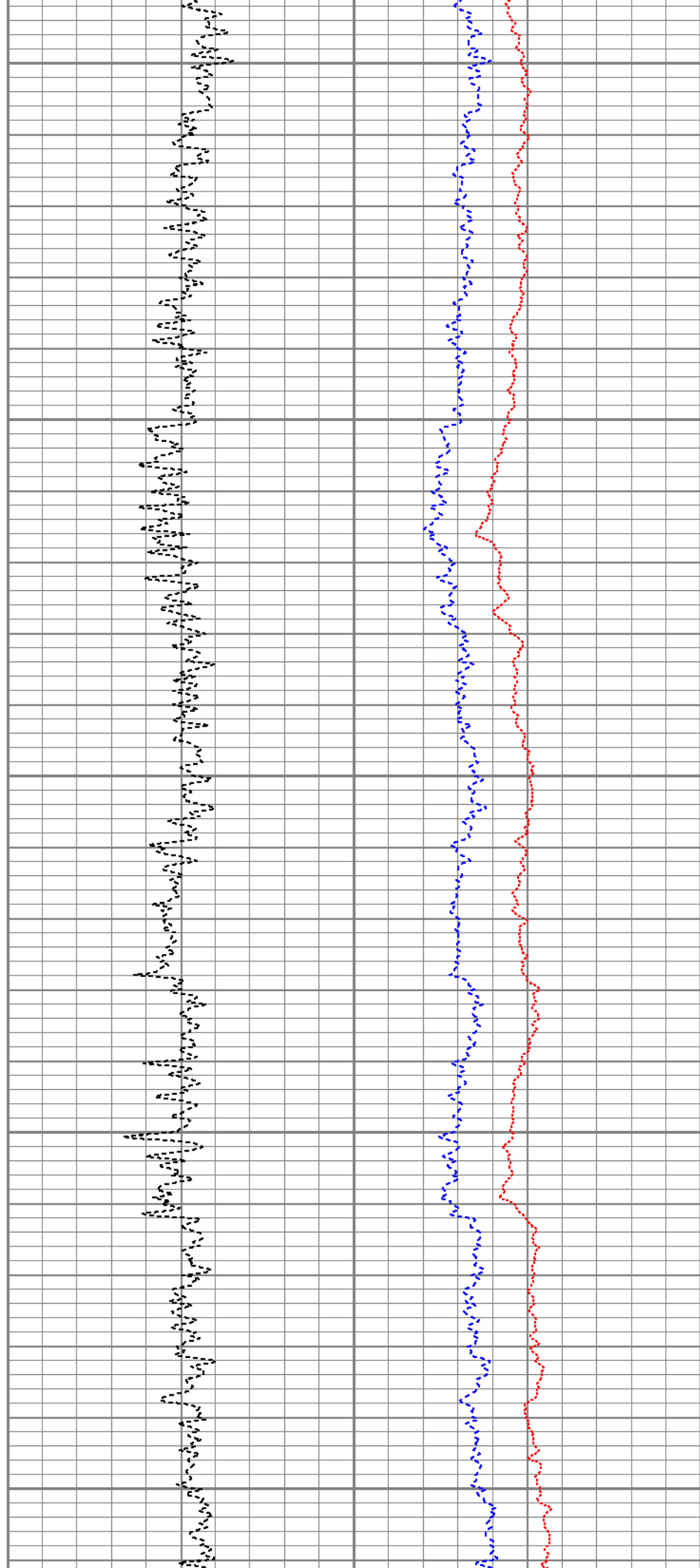
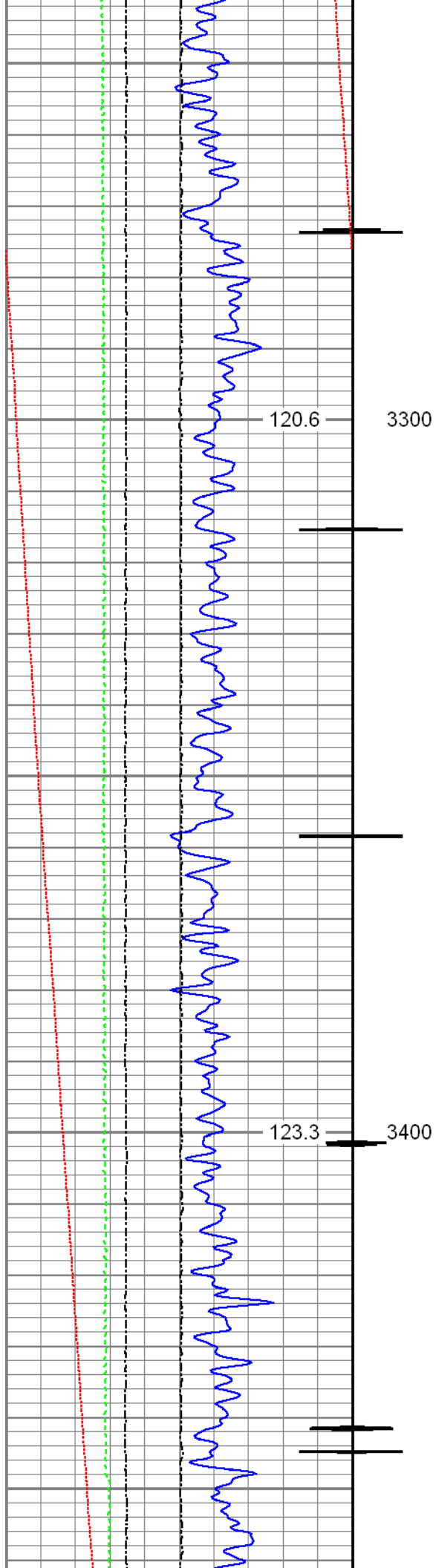


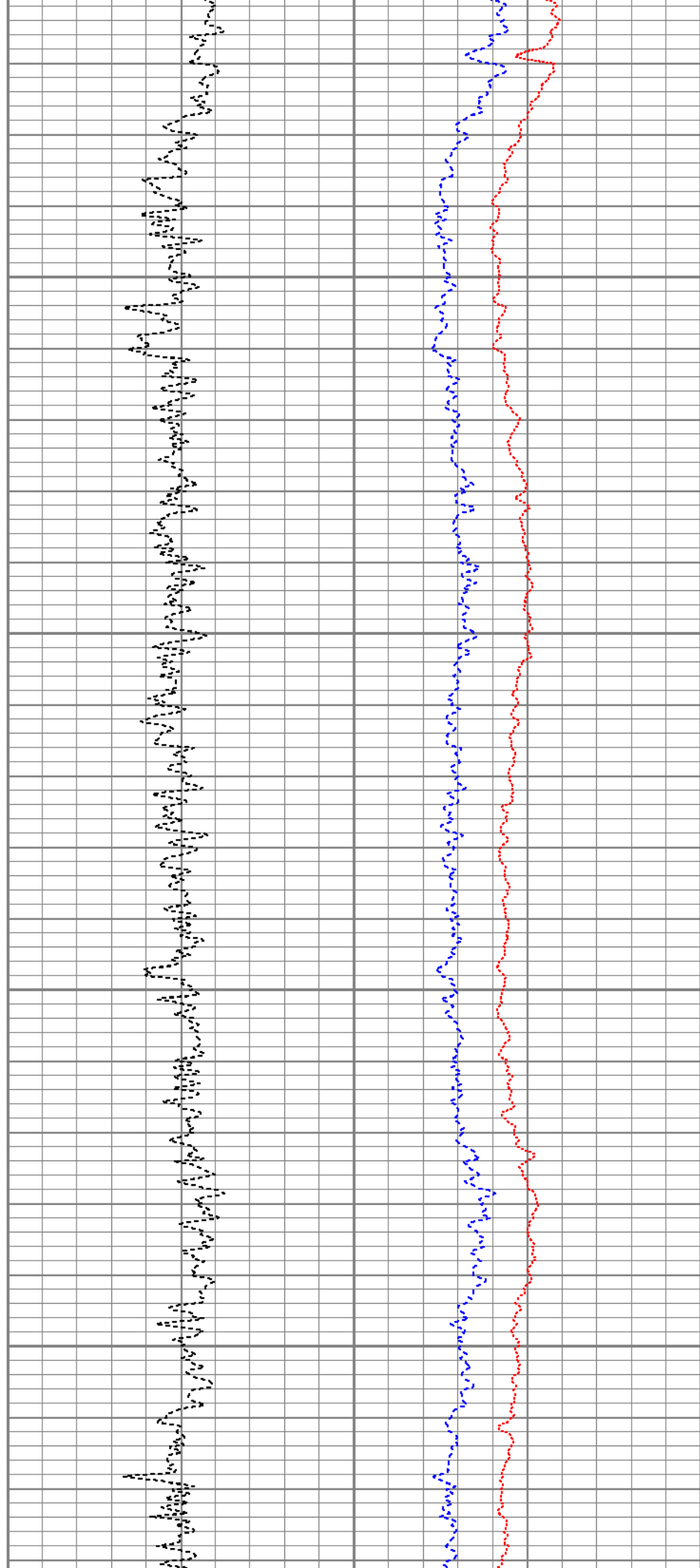
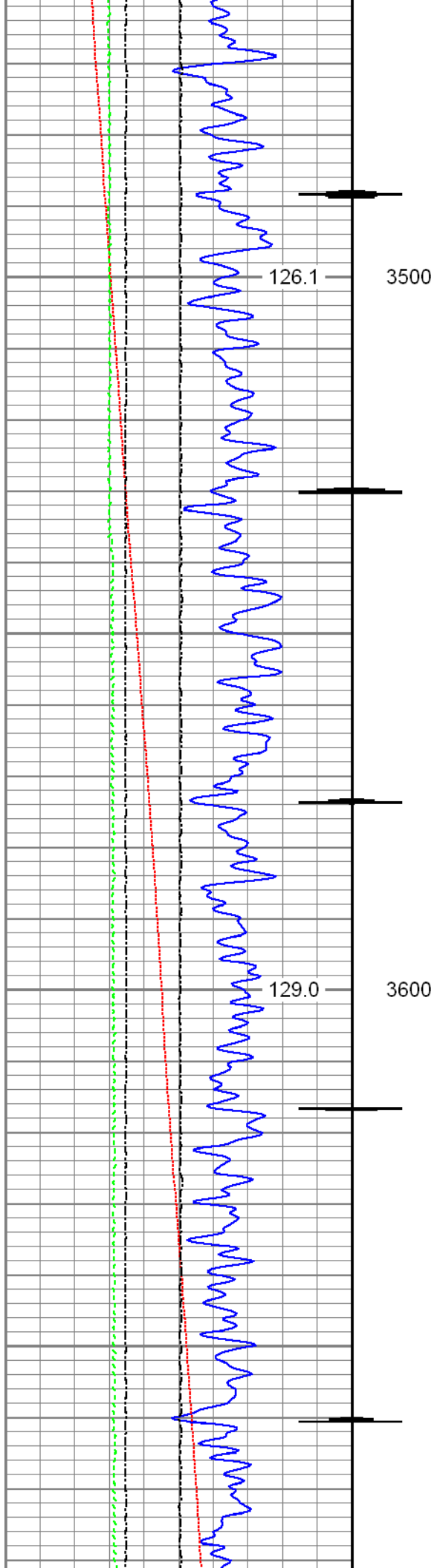


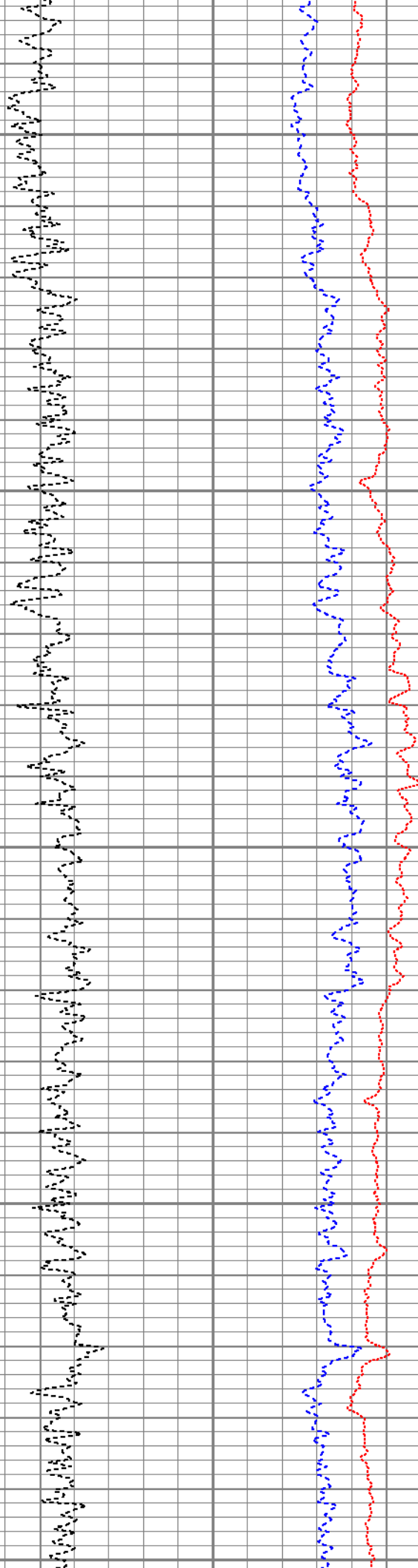
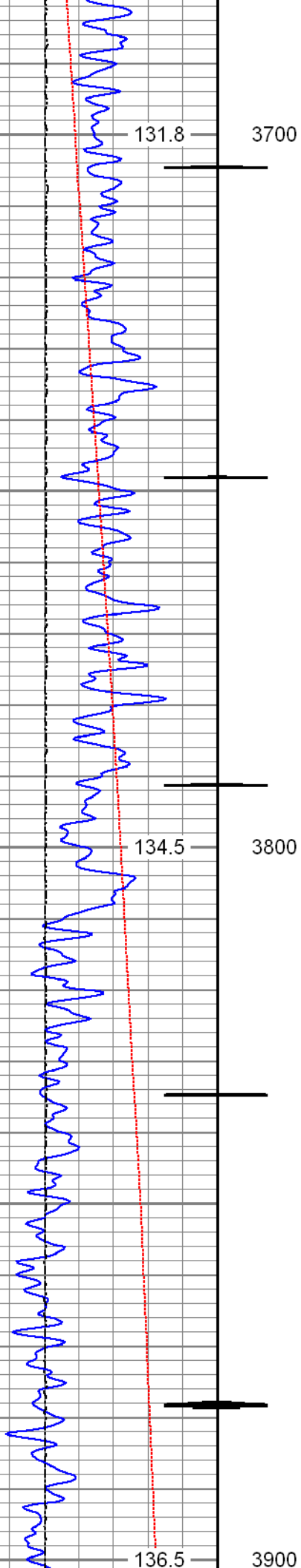


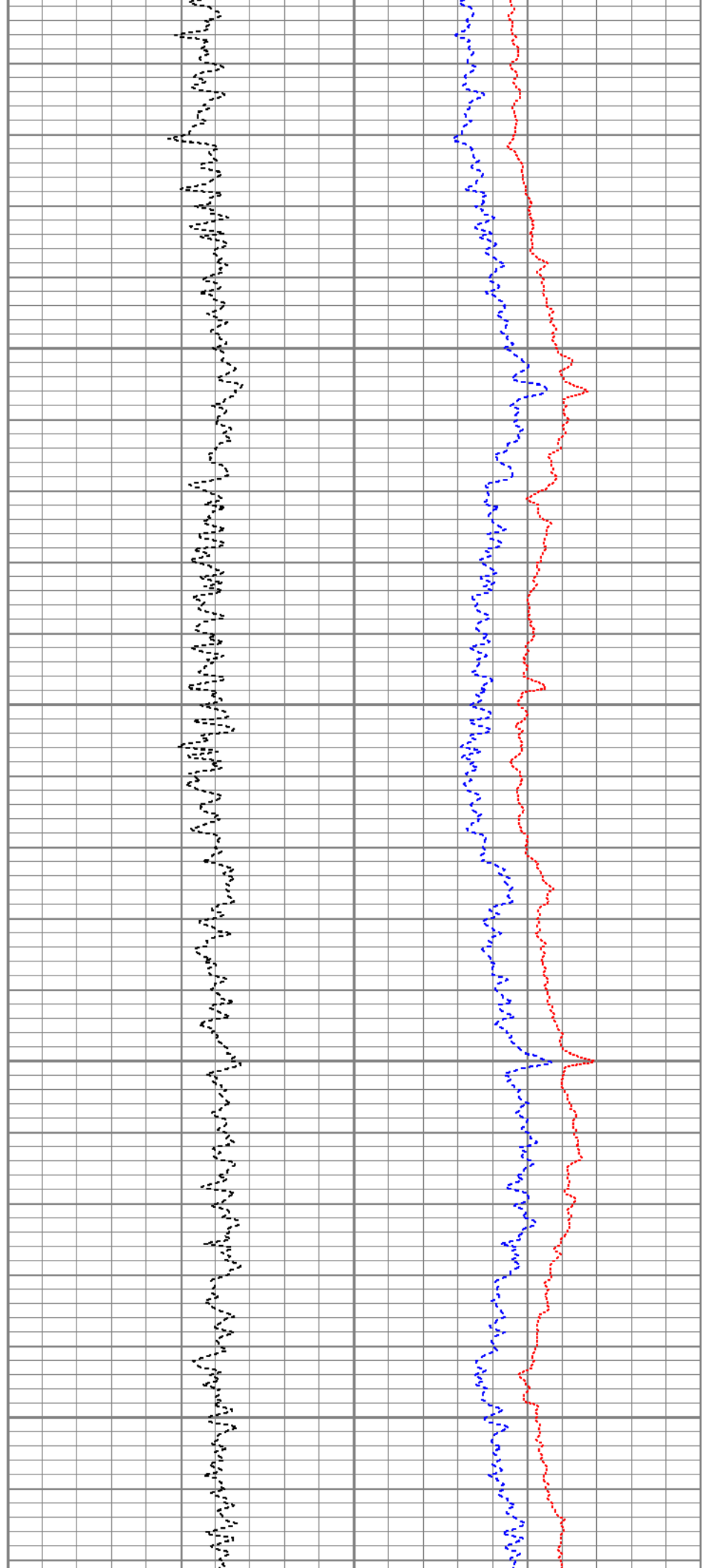
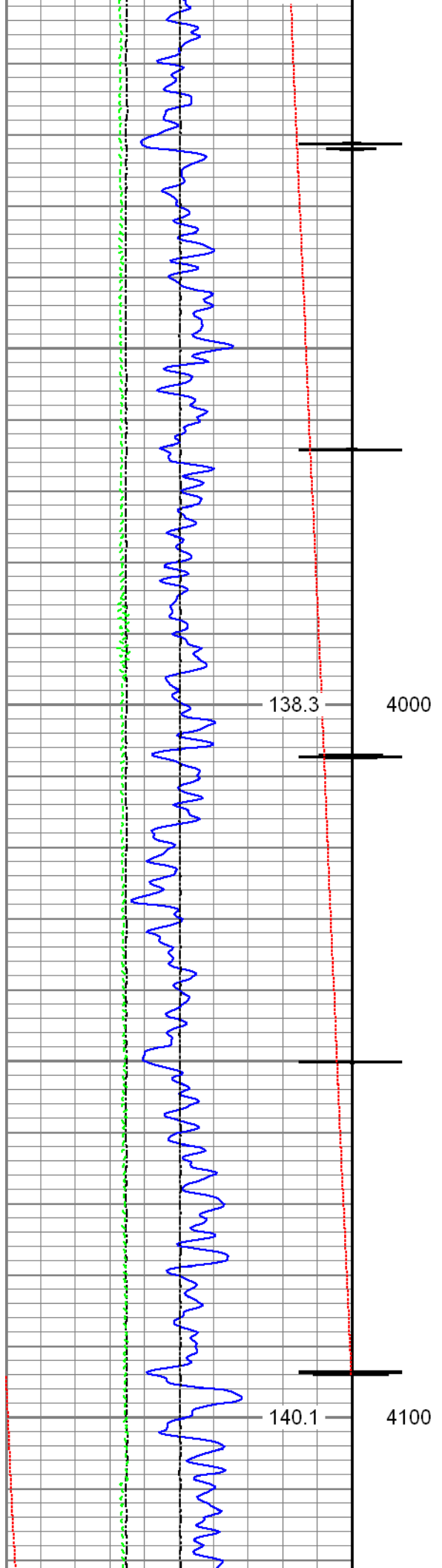


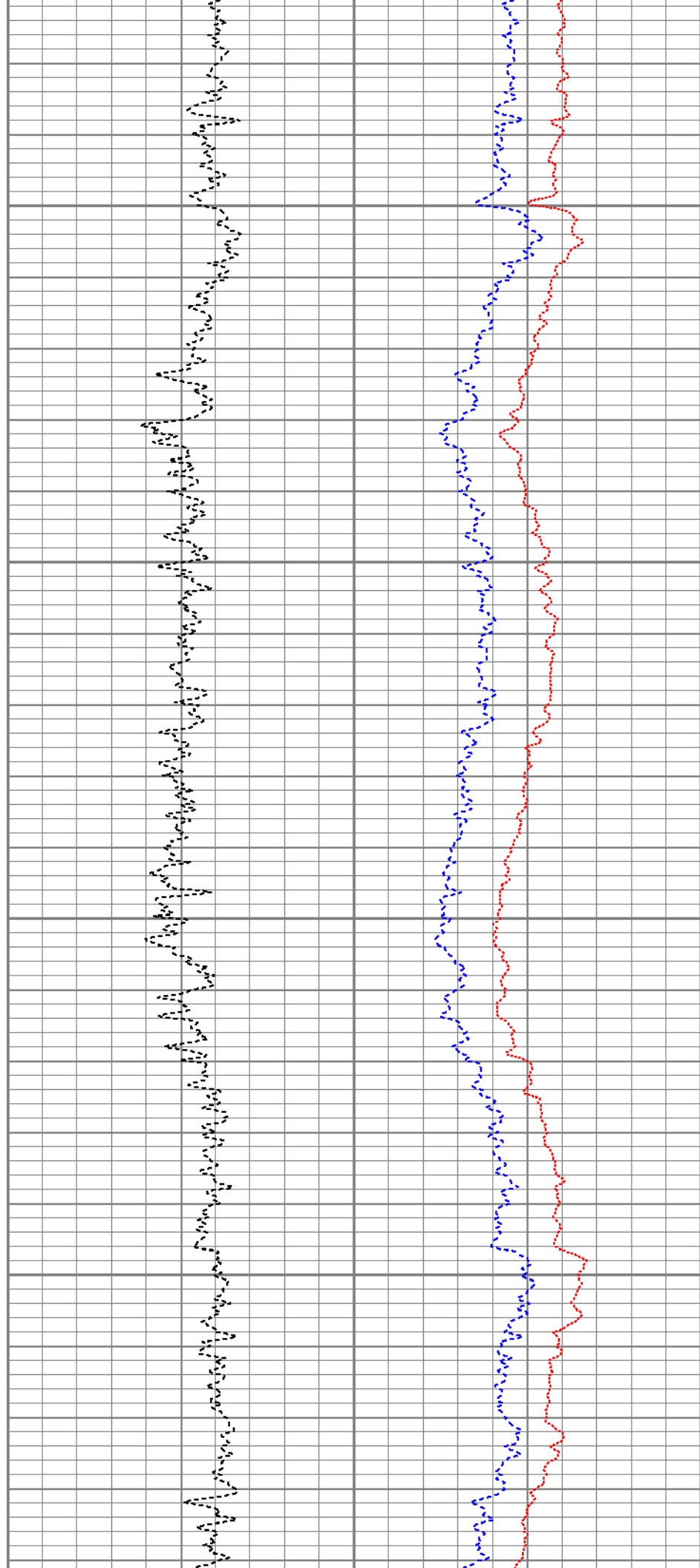
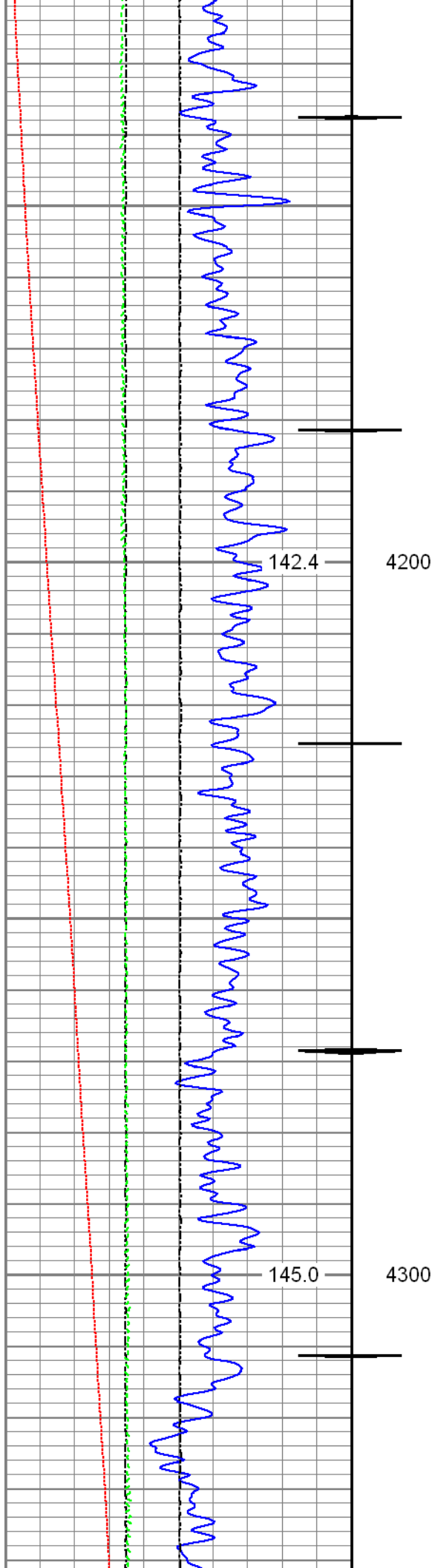


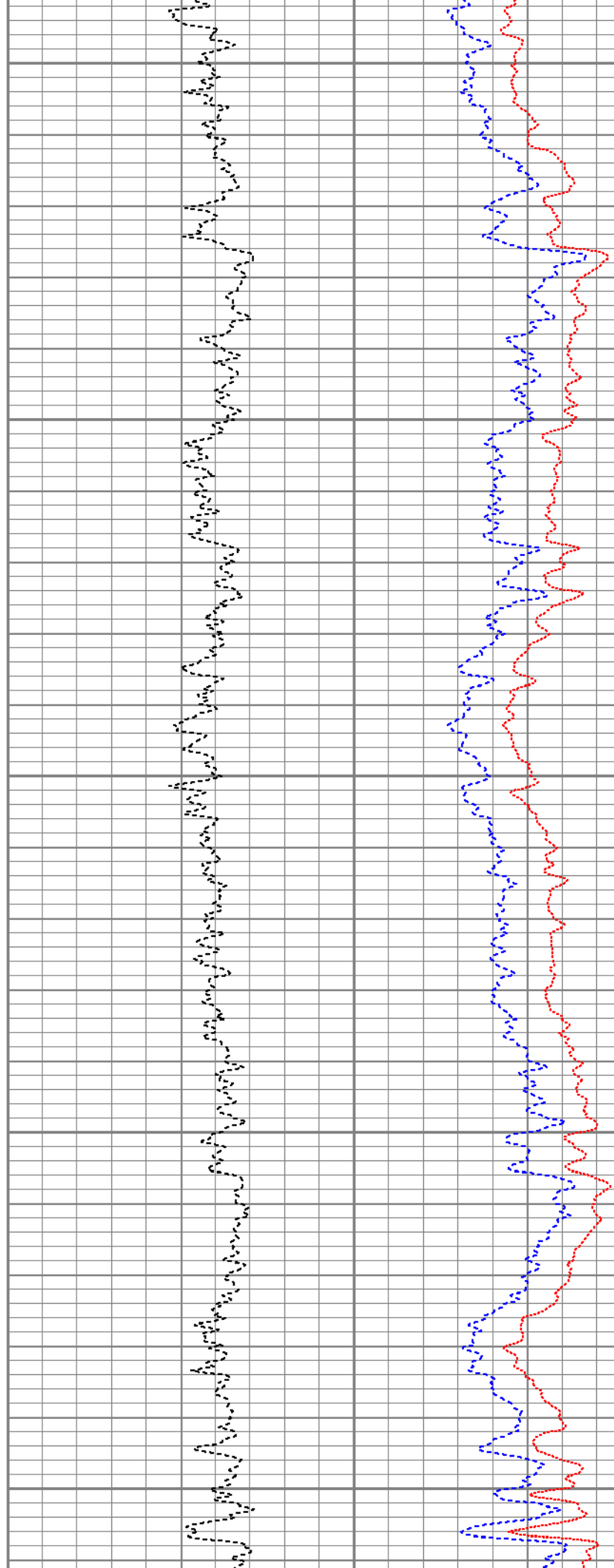
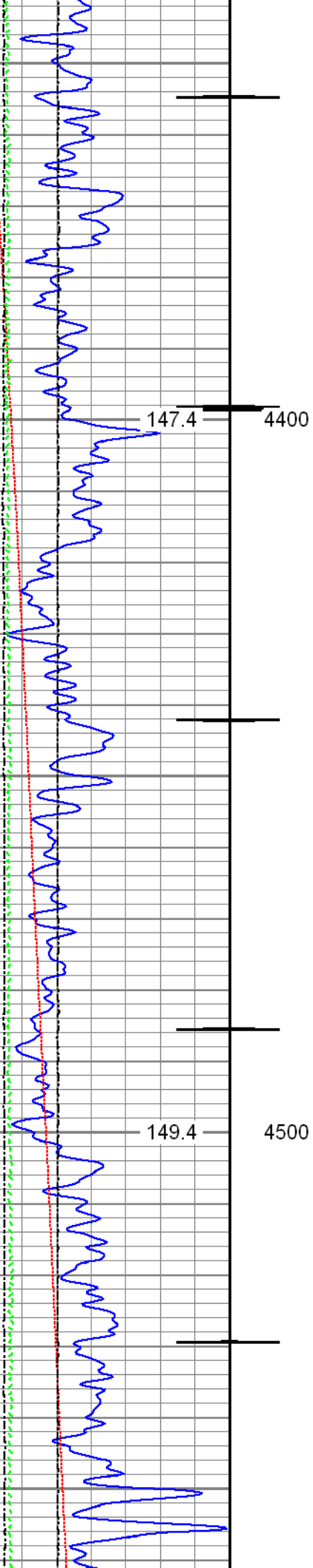


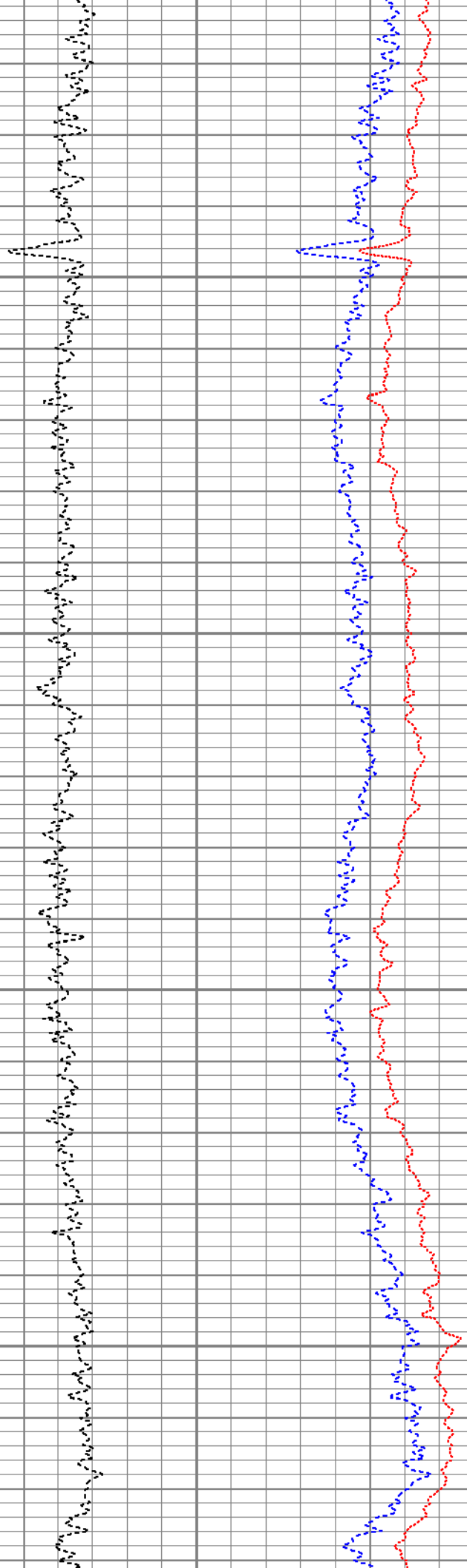
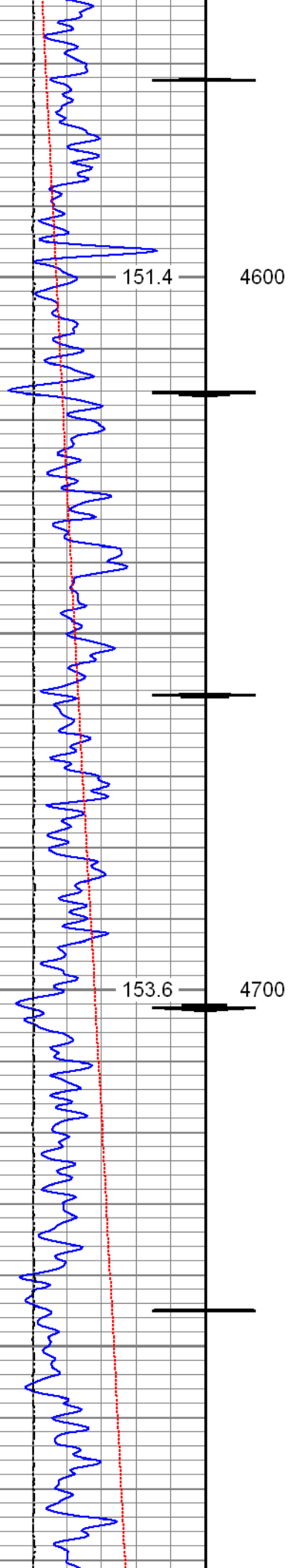


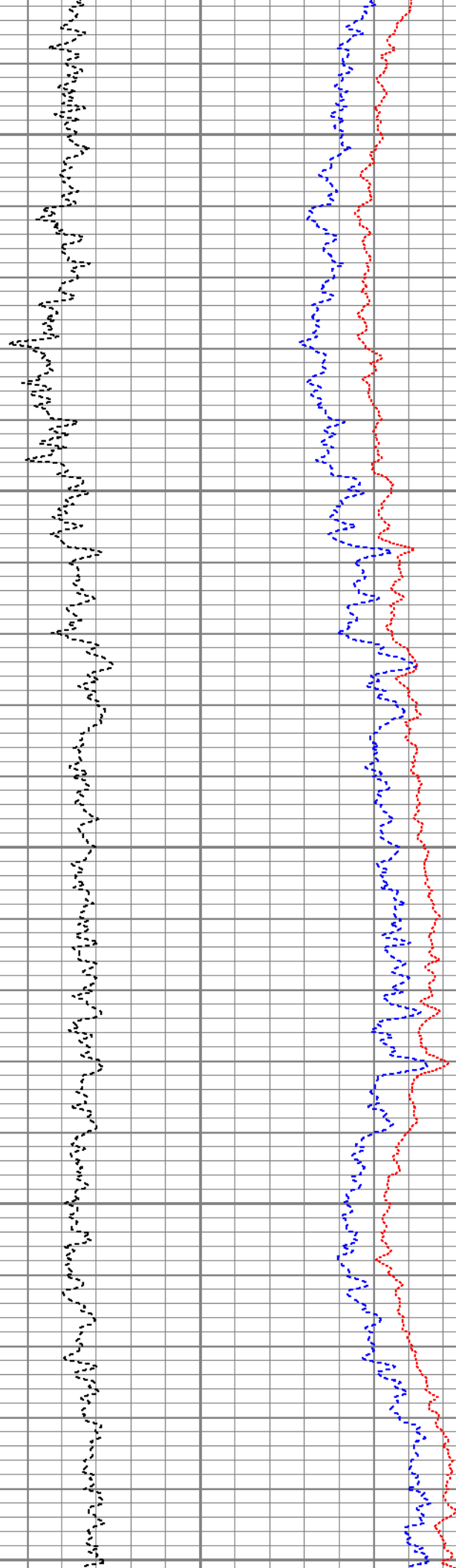
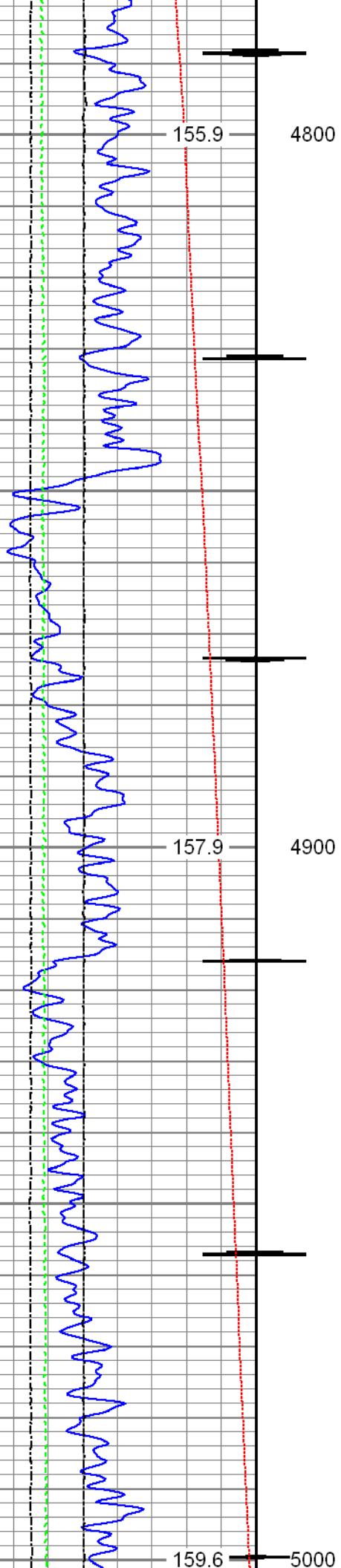


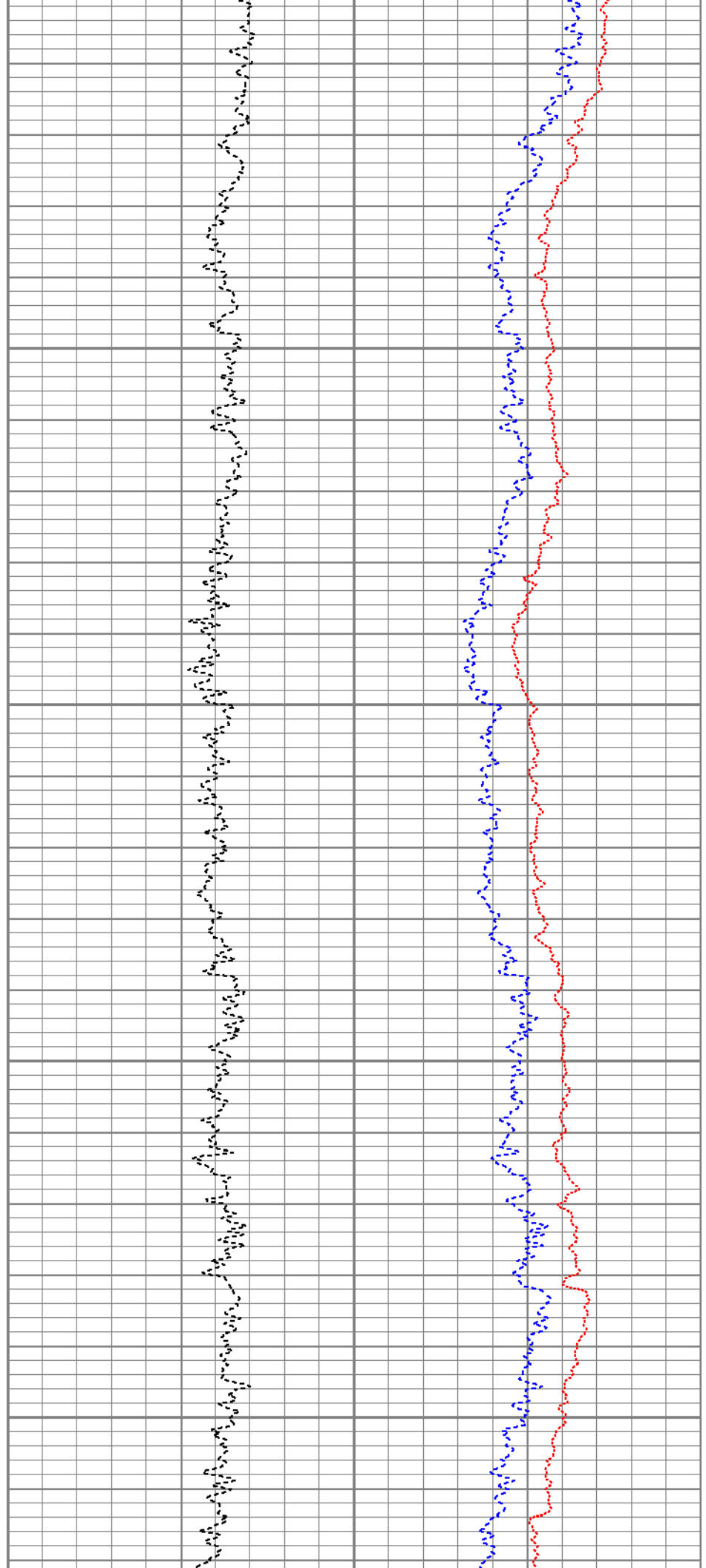
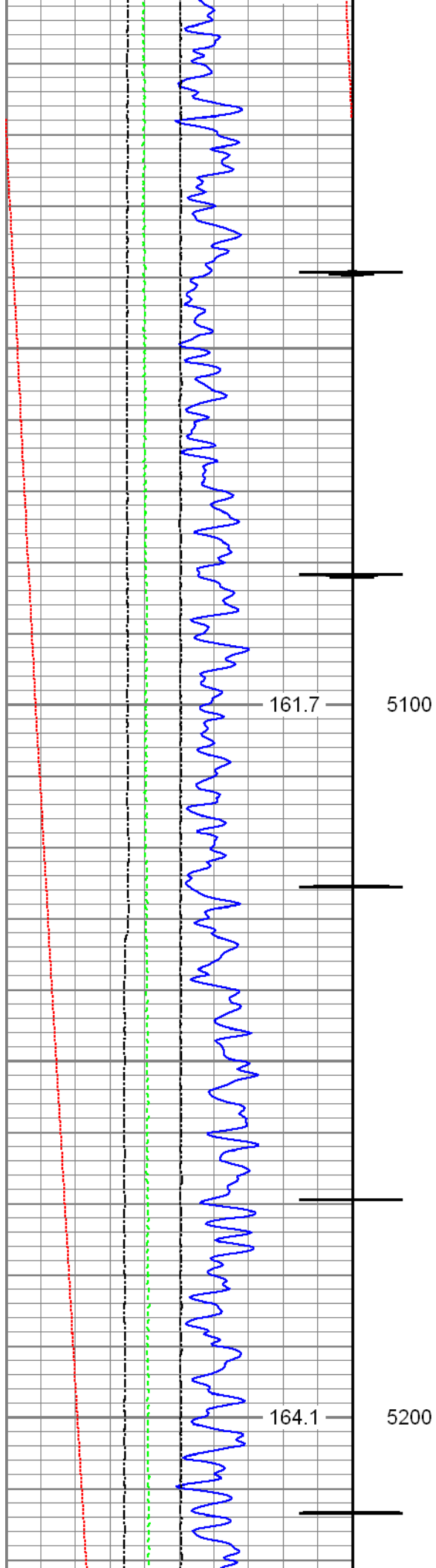


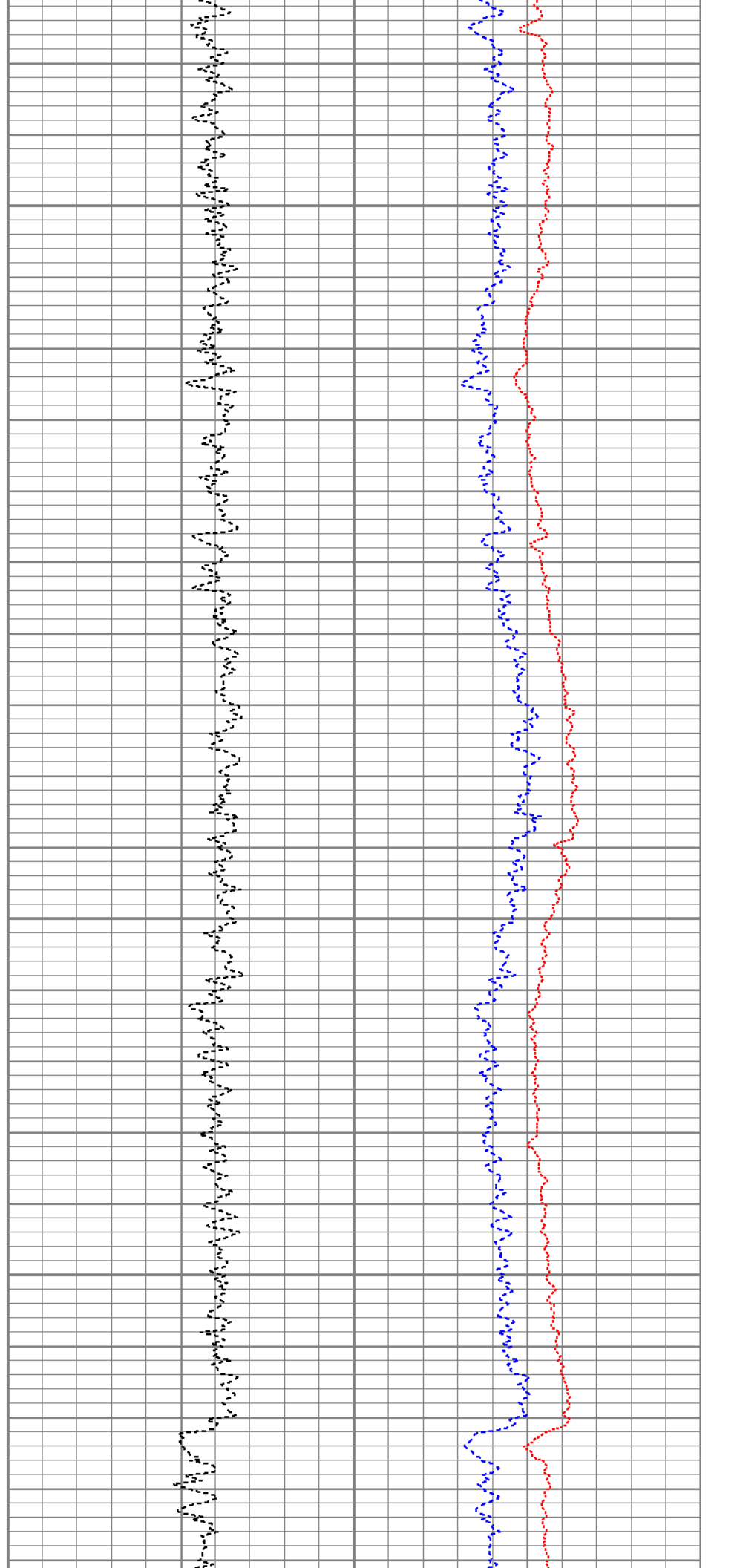
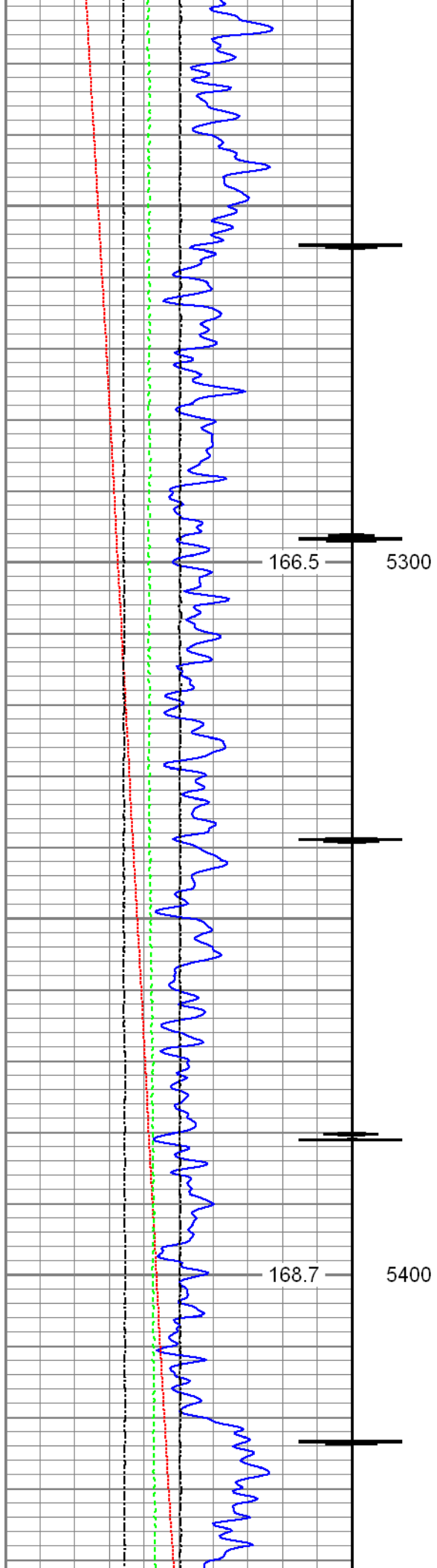


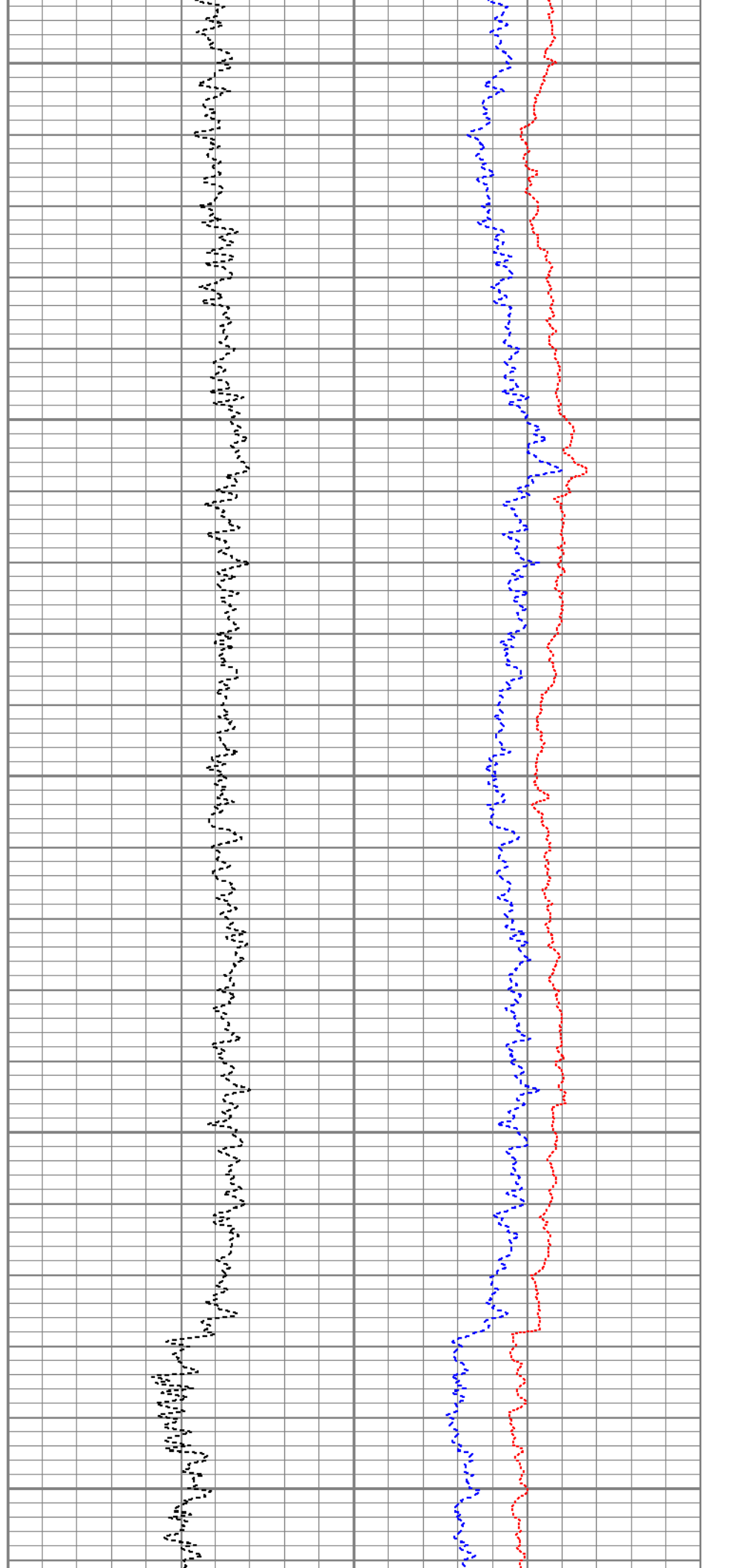
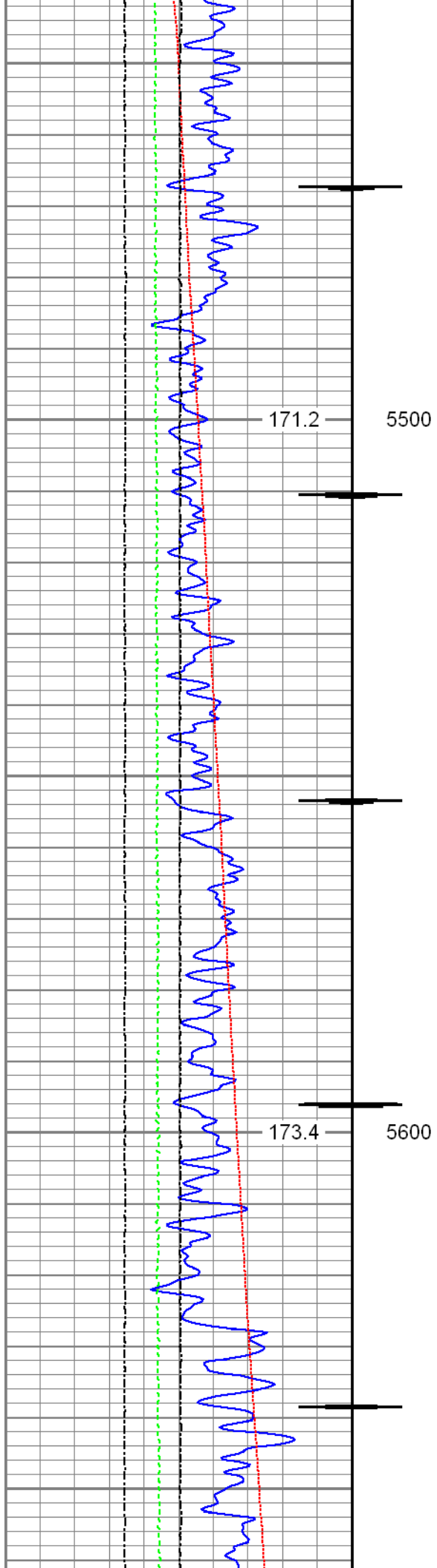


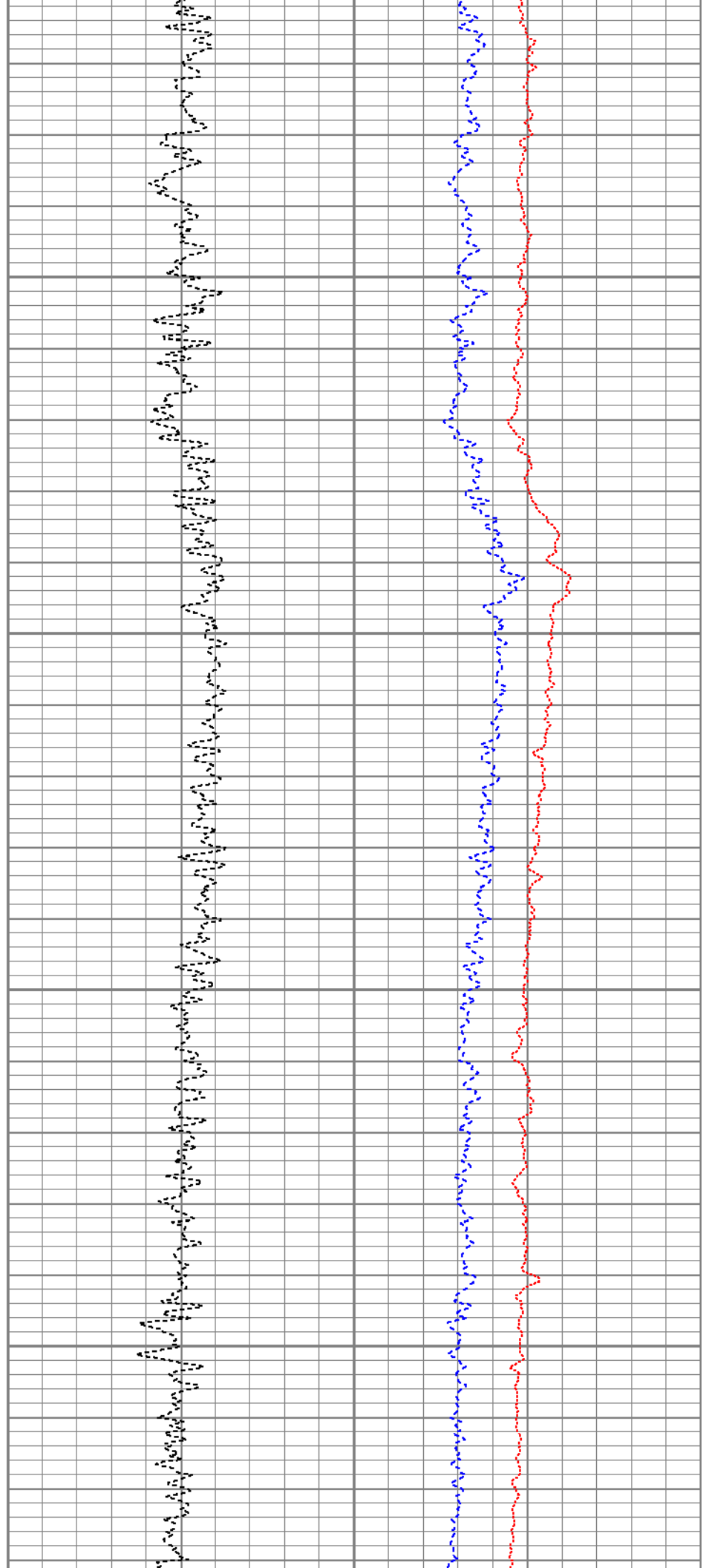
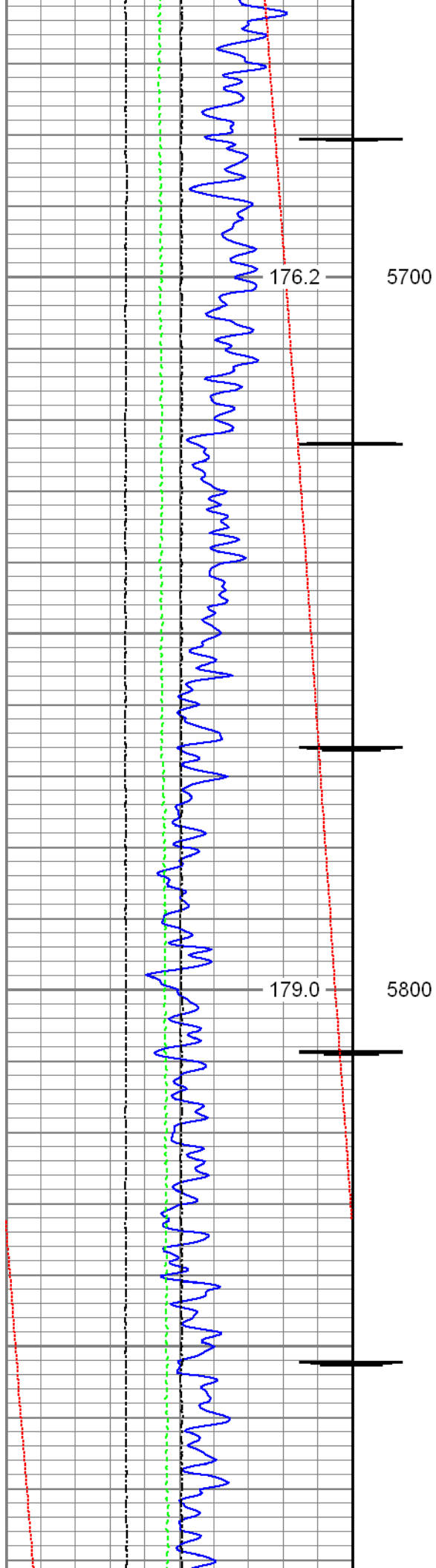


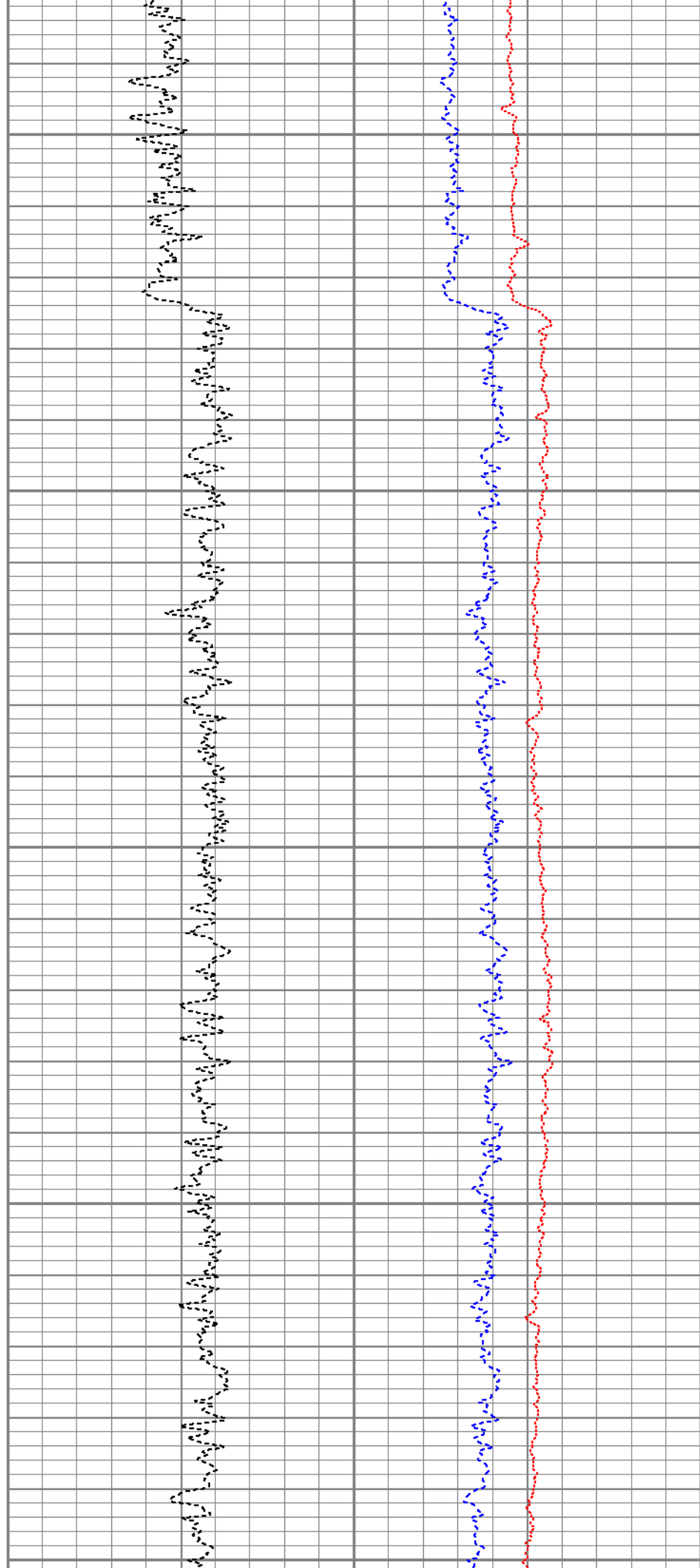
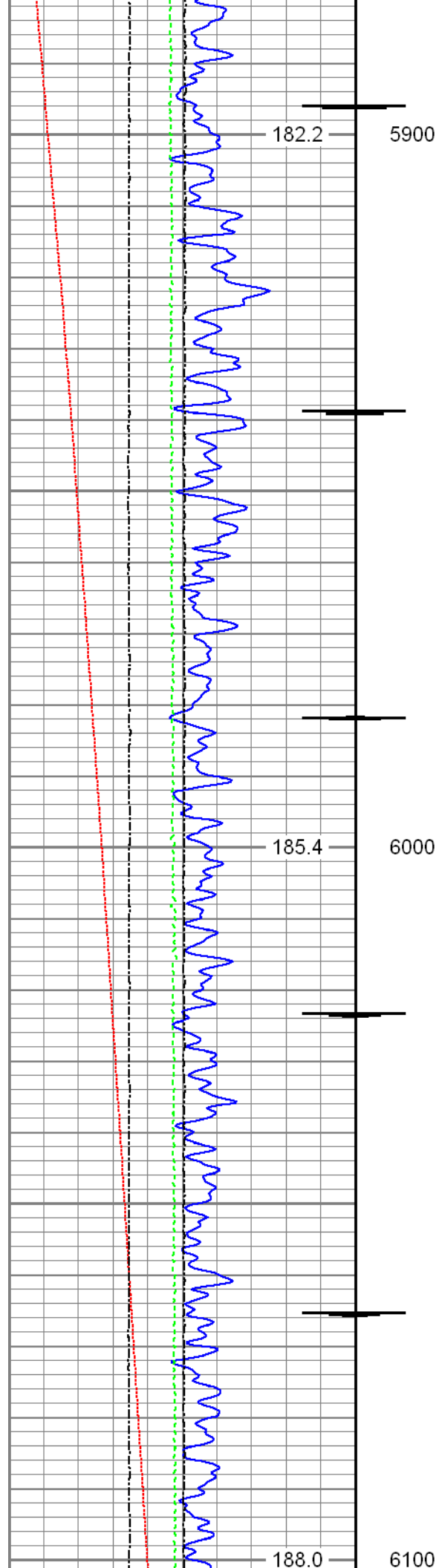


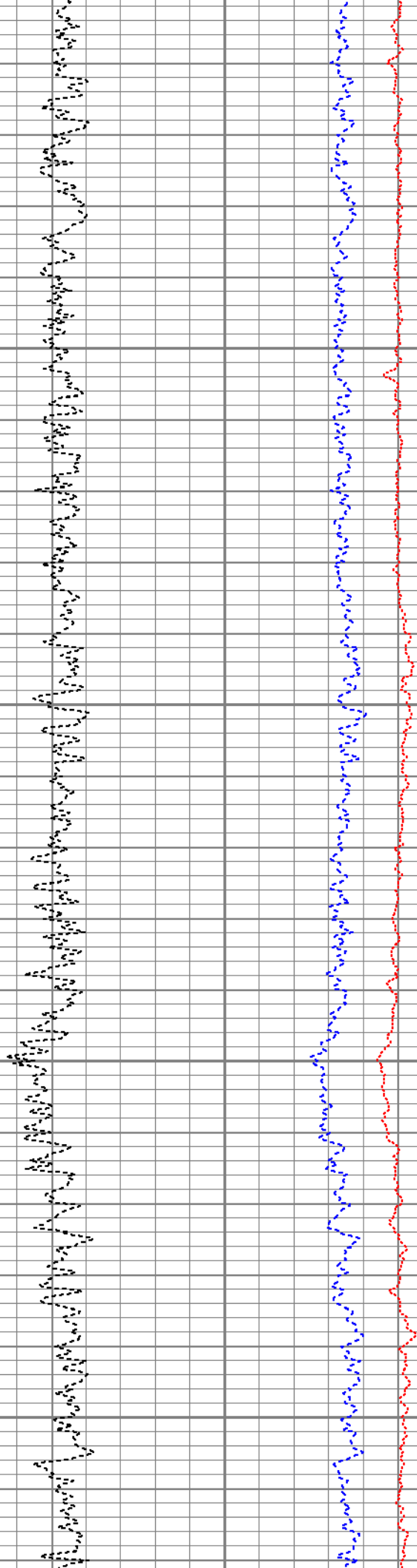
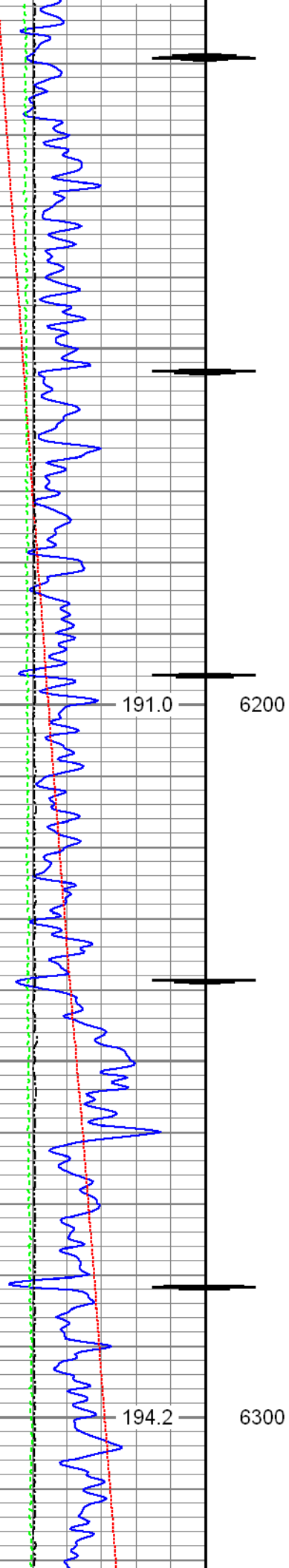


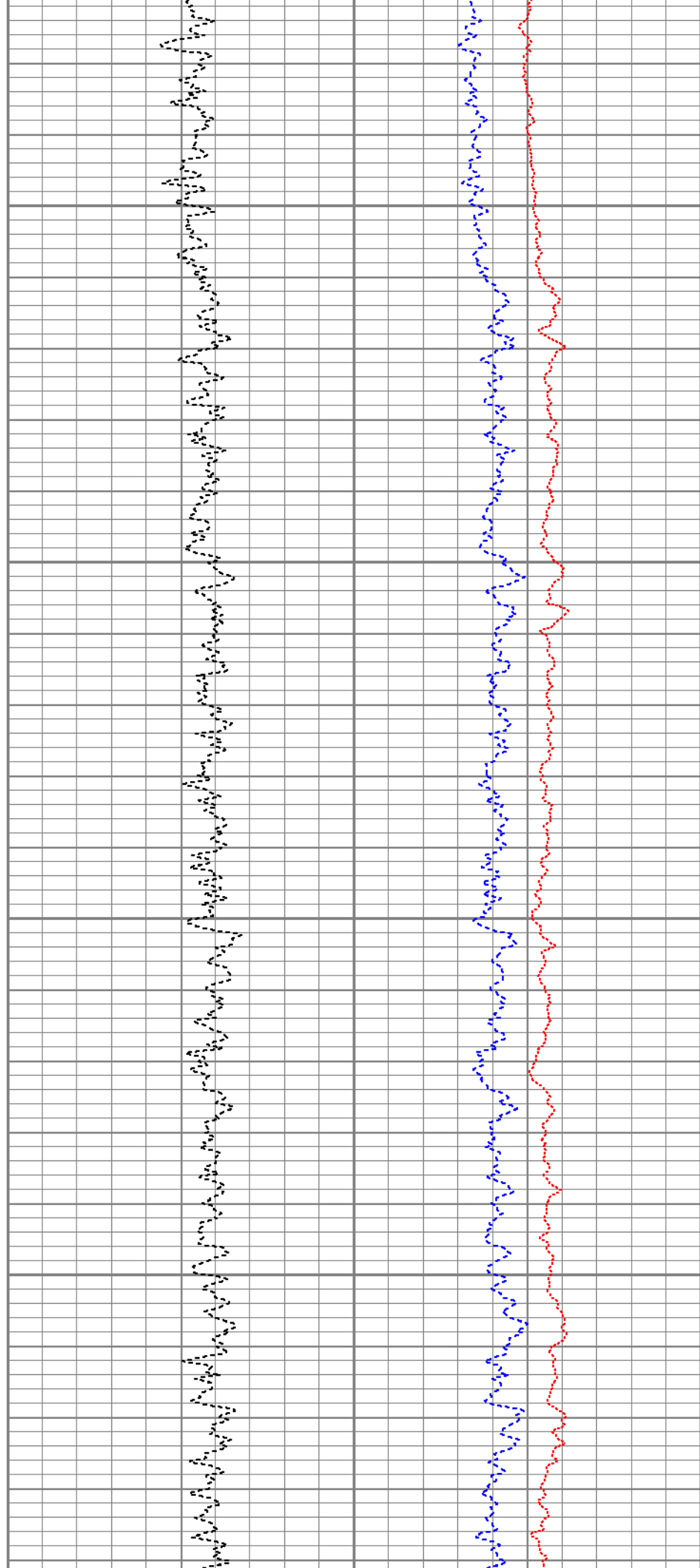
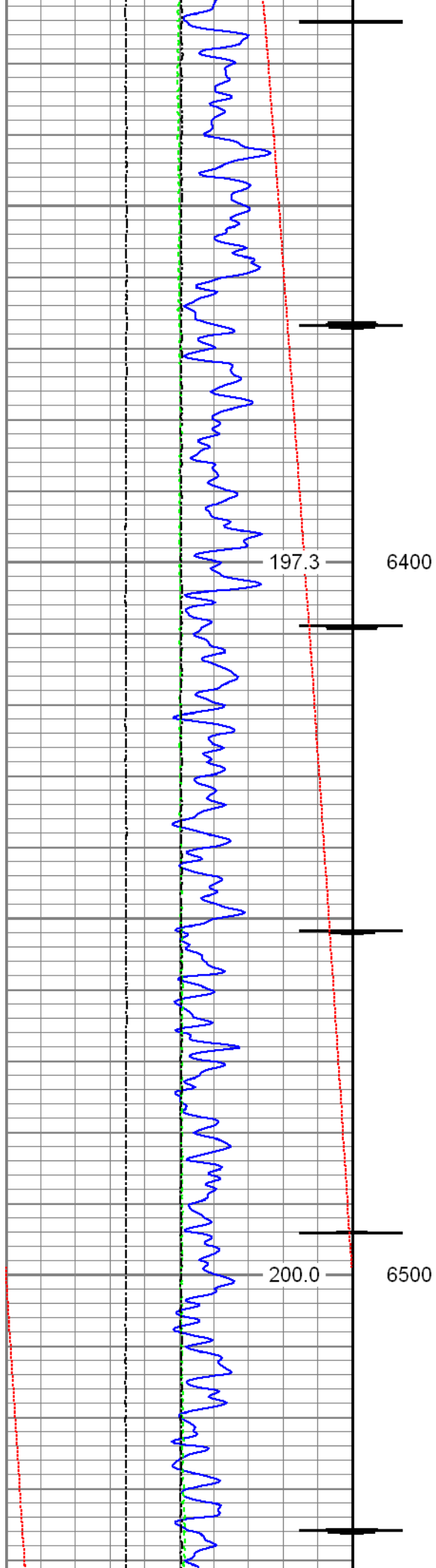


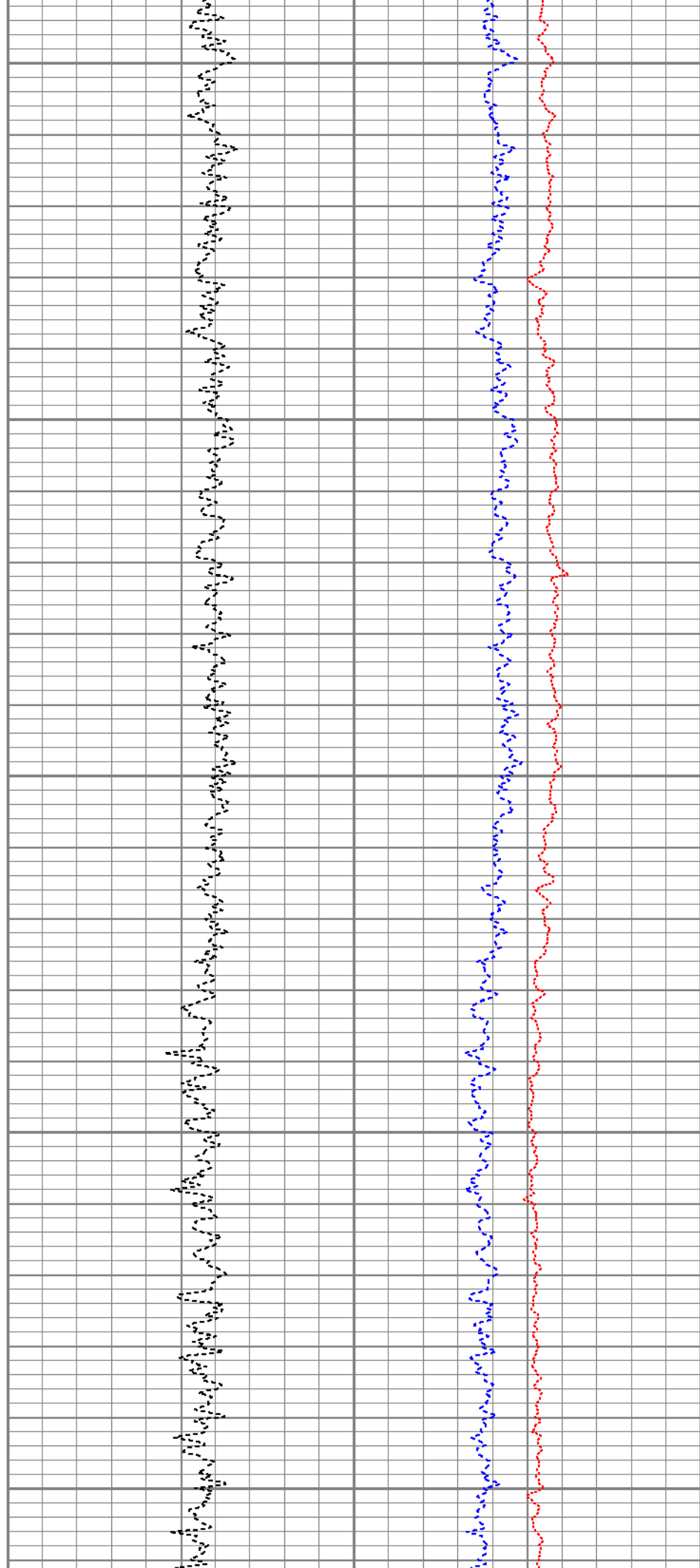
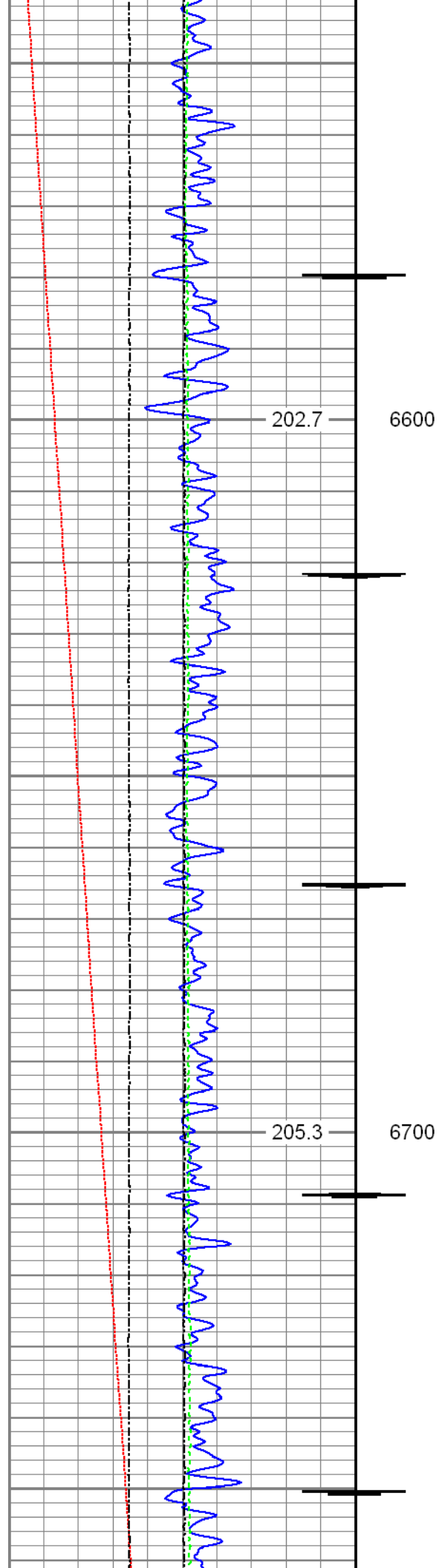


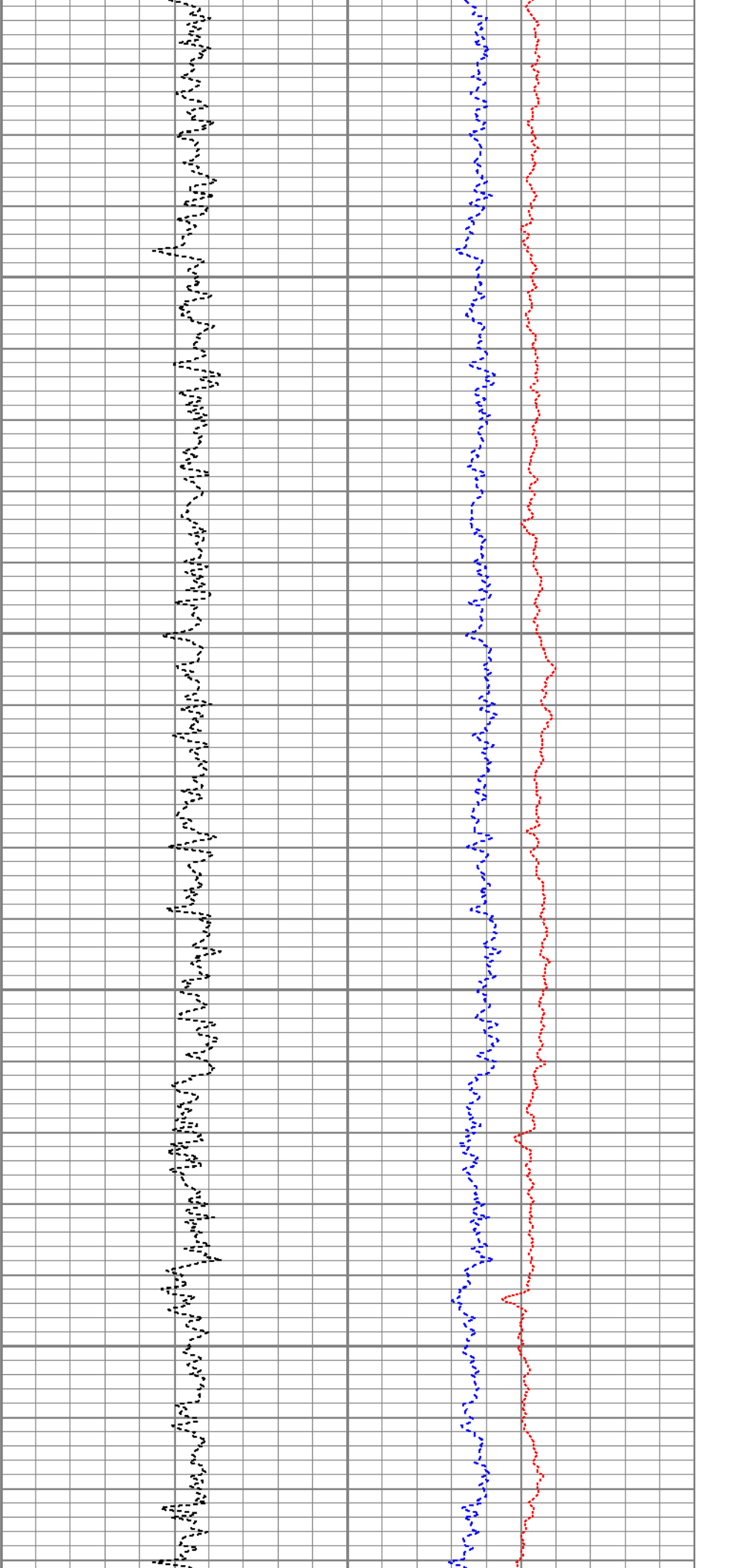
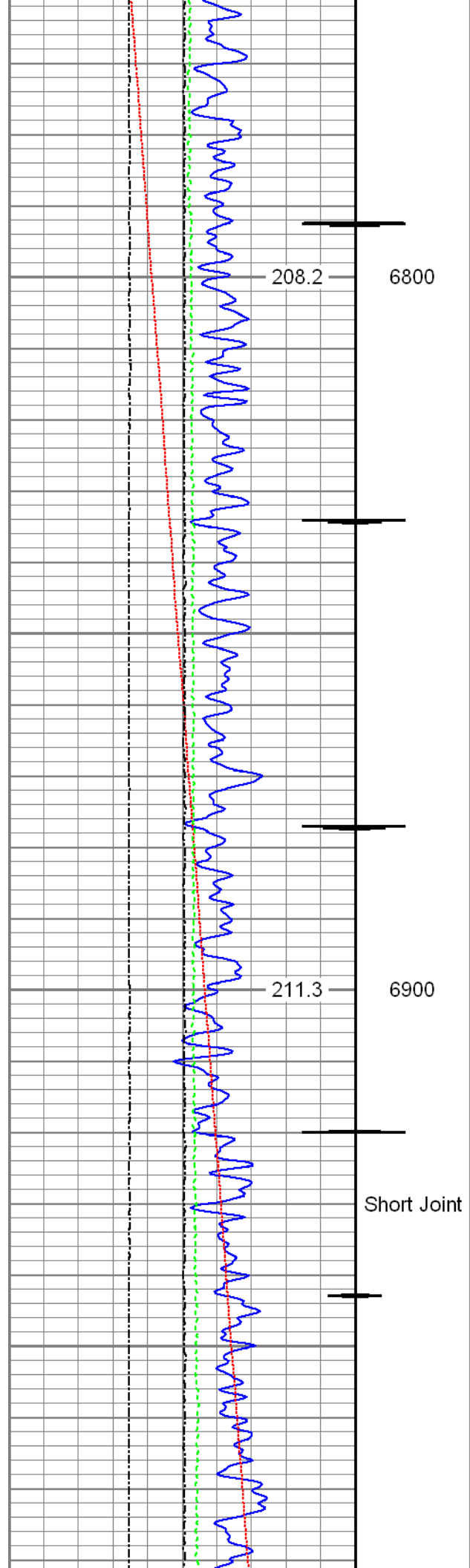


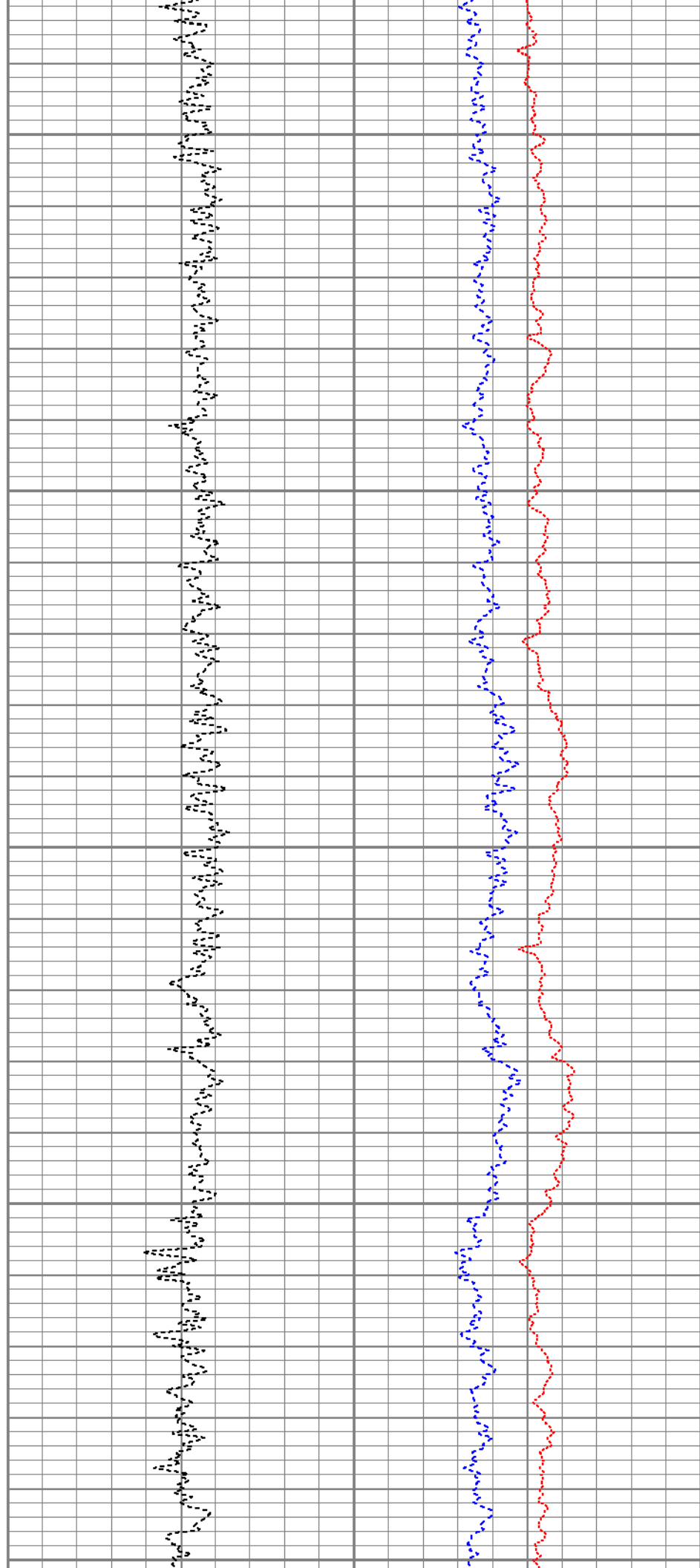
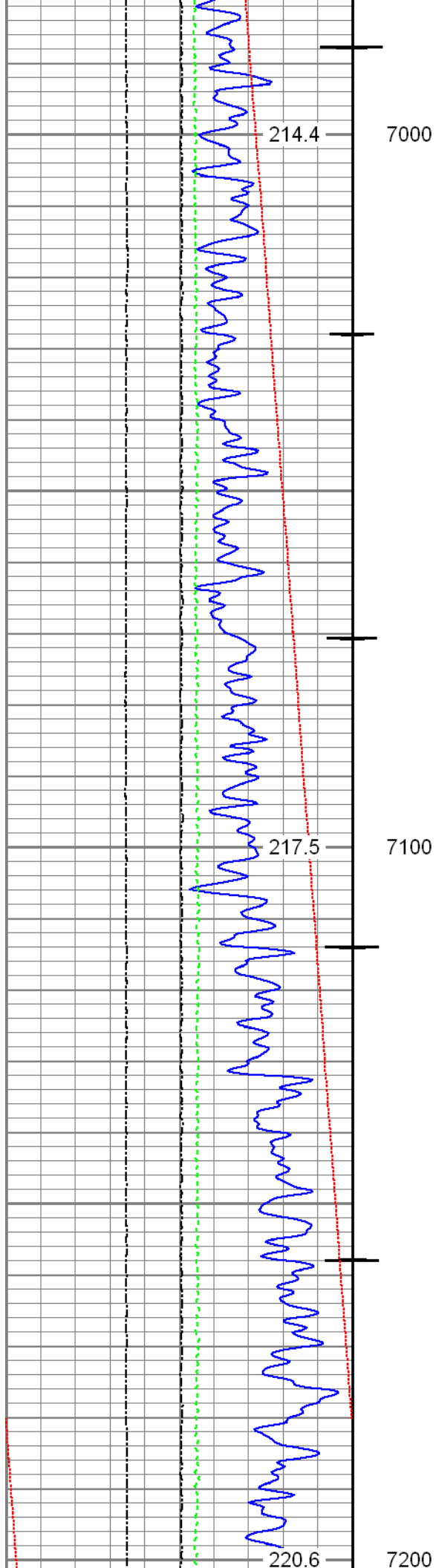


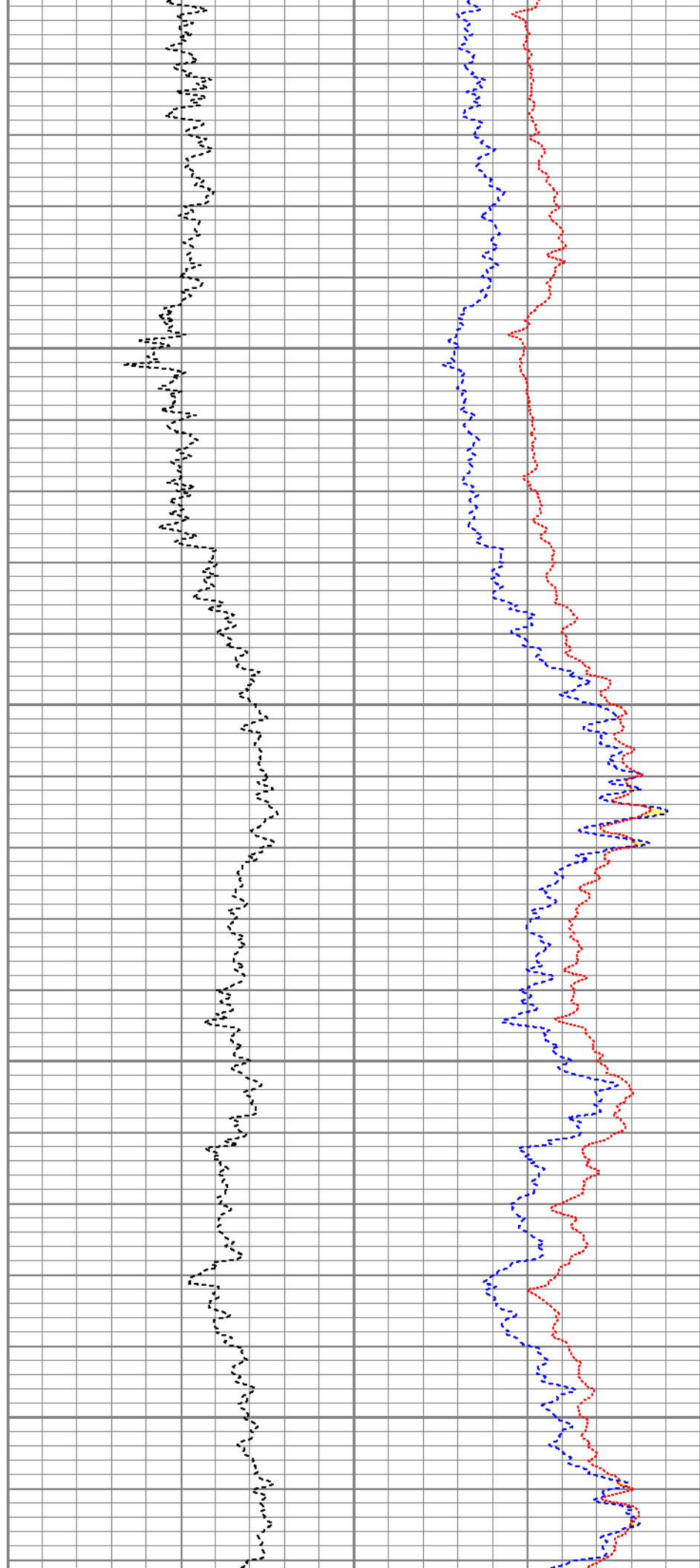
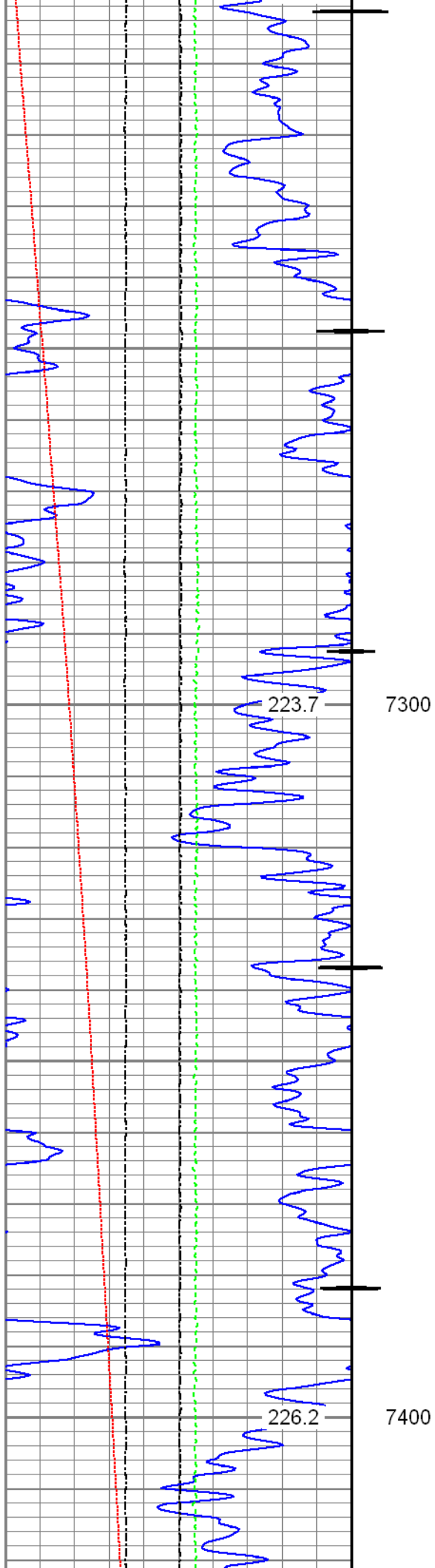


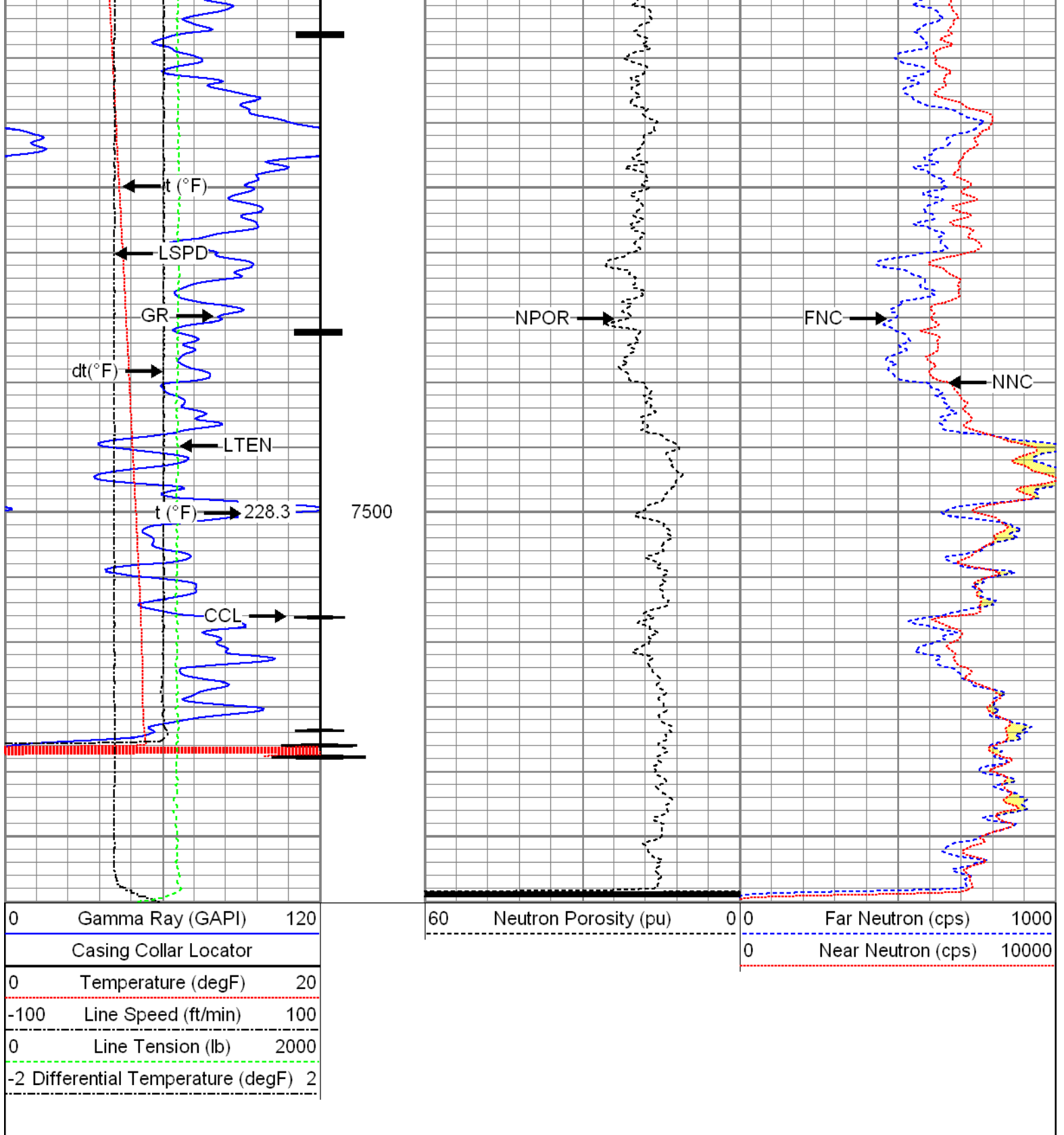












Repeat Pass

Recorded with 2800 PSI Surface Induced Pressure

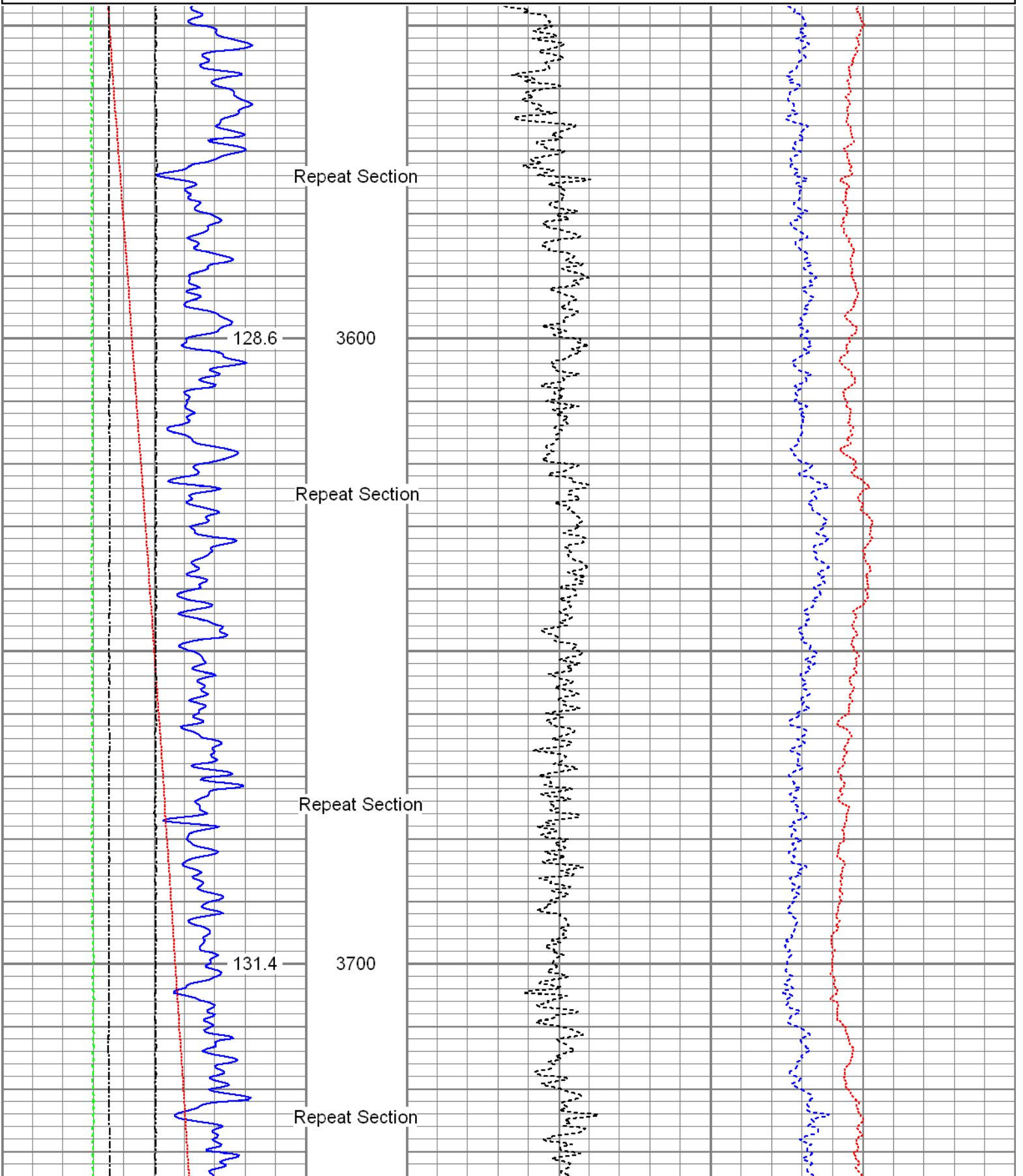
Database File: c:\warrior\data\0512341069_anadarko_whisper rock 4c-25hz_01-26-16_rbl_cnl\0512341069_anadarko
 Dataset Pathname: pass2.1
 Presentation Format: cnl
 Dataset Creation: Wed Jan 27 11:04:48 2016 by Calc SCH 120430
 Charted by: Depth in Feet scaled 1:240

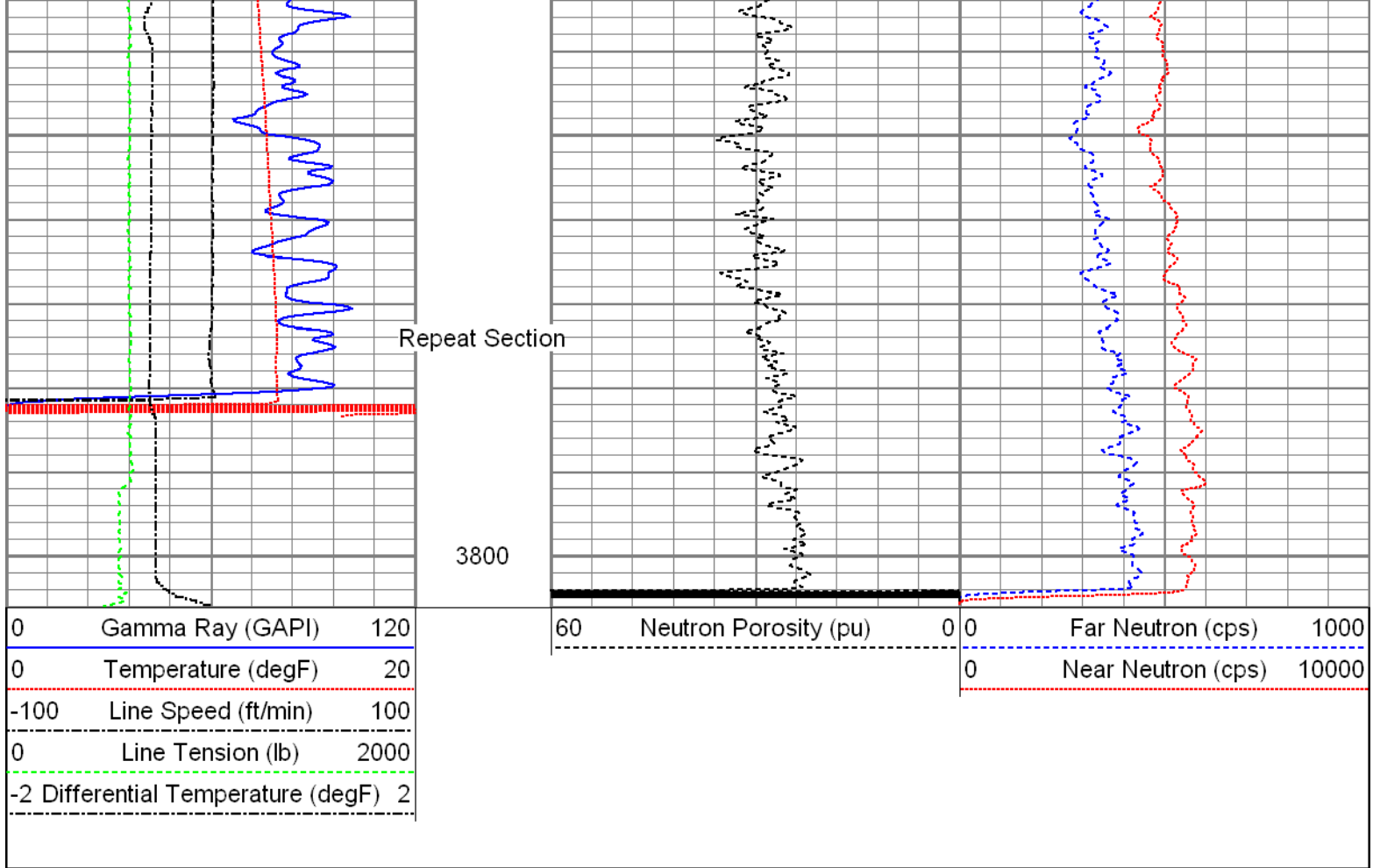
0	Gamma Ray (GAPI)	120
0	Temperature (degF)	20
-100	Line Speed (ft/min)	100
0	Line Tension (lb)	2000
-2	Differential Temperature (degF)	2

60 Neutron Porosity (pu) 0

0 Far Neutron (cps) 1000

0 Near Neutron (cps) 10000





Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)	
			T_CH14375_1_GO Titan 1-7/16" Assembled Electric Cable Head with 1" Fishing Neck	1.03	1.44	4.00	
			UW_AGS-UW_AGS_001 (215017) Sondex Adapter - GO Box to Sondex Pin	0.21	1.69	1.00	
			UW_XTU-UW_XTU_002 (219135) Crossover Ultrawire Toolbus to Ultralink	1.58	1.69	6.50	
GR	24.77		UW_PGR-UW_PGR_020 (10013899) Production Gamma Ray	1.93	1.69	9.50	
TEMP	23.37		UW_PRT-UW_PRT_016 (10025100) Platinum Resistance Thermometer	1.04	1.69	5.20	
CCL	22.12		UW_CCL-UW_CCL_028 (10009470) Ultrawire 3-1/8" CCL	1.61	3.13	36.00	
			UW_PRC-DSSRAC (080) 2-3/4" DSS 5 Arm Roller Centralizer	2.55	2.75	32.00	
WF3FT	14.72		UW_RBT-UW_RBT_004 (10013454) Sondex Ultrawire 3-1/8" Radial Bond Tool	9.47	3.13	140.00	
WF5S1	14.72						
WF5S2	14.72						

WVFS3	14.72				
WVFS4	14.72				
WVFS5	14.72				
WVFS6	14.72				
WVFS7	14.72				
WVFS8	14.72				
CBLTEMP	14.72				
CBLROT	14.72				
WV5FT	13.72				
			UW_PRC #3 -UW_PRC_057 (1101) Sondex 2-3/4" 4-Arm Production Roller Centraliser	2.98	2.75
		CNL-007 (1005) Compensated Neutron Logging Tool	6.61	1.69	30.00
CNLSC	1.53				
CNSSC	1.12				
TSTAMP	0.00				

Dataset: 0512341069_Anadarko_Whisper Rock 4C-25HZ_01-26-16_RBL_CNL.db: field/well/run1/pass4
 Total Length: 29.01 ft
 Total Weight: 296.20 lb
 O.D.: 3.13 in

Calibration Report

Database File: c:\warrior\data\0512341069_anadarko_whisper rock 4c-25hz_01-26-16_rbl_cnl\0512341069_anadarko_...
 Dataset Pathname: pass4.1
 Dataset Creation: Wed Jan 27 10:48:34 2016 by Calc SCH 120430

Compensated Neutron Calibration Report

Serial Number:	1005		
Tool Model:	007		
Master Calibration	Tue Jun 03 09:29:29 2014		
Detector	Readings		
Short Space	240.87	cps	
Long Space	303.55	cps	
Ratio	Measured	Reference	
CNRAT Gain K	0.8150	Sleeve: 1.0000	
	1.0271		

Before Survey			
Detector	Readings		
Short Space		cps	
Long Space		cps	
Ratio	Measured	Reference	

After Survey

Detector	Readings	
Short Space		cps
Long Space		cps
Ratio	Measured	Reference

Segmented Cement Bond Log Calibration Report

Serial Number:	10013454	
Tool Model:	UW_RBT_004	
Calibration Casing Diameter:	5.500	in
Calibration Depth:	3806.075	ft

Master Calibration, performed Wed Jan 27 10:48:31 2016:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3FT	-0.002	0.773	0.800	71.921	91.773	0.981
5FT	-0.003	0.768	0.800	71.921	92.202	1.088
S1	-0.002	0.769	0.000	100.000	129.687	0.251
S2	-0.003	0.788	0.000	100.000	126.430	0.399
S3	-0.003	0.788	0.000	100.000	126.434	0.431
S4	-0.003	0.788	0.000	100.000	126.300	0.433
S5	-0.002	0.776	0.000	100.000	128.498	0.255
S6	-0.003	0.765	0.000	100.000	130.109	0.417
S7	-0.003	0.750	0.000	100.000	132.795	0.360
S8	-0.002	0.755	0.000	100.000	132.040	0.315

Temperature Calibration Report

Serial Number:	10025100	
Tool Model:	UW_PRT_016	
Performed:	Wed Feb 11 13:47:59 2015	

Point #	Reading		Reference	
1	13249.00	cps	68.00	degF
2	18454.00	cps	104.00	degF
3	29735.00	cps	176.00	degF
4	41457.00	cps	248.00	degF
5	52851.00	cps	320.00	degF
6	59128.00	cps	356.00	degF
7		cps		degF
8		cps		degF
9		cps		degF
10		cps		degF

Gamma Ray Calibration Report

Serial Number:	10013899	
Tool Model:	UW_PGR_020	
Performed:	Sun Jun 13 13:33:21 1993	

Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps

Sensitivity:

1.0000

GAPI/cps



Company	Kerr-McGee Oil & Gas Onshore, L.P.
Well	Whisper Rock 4C-25HZ
Field	Wattenberg
County	Weld
State	Colorado