

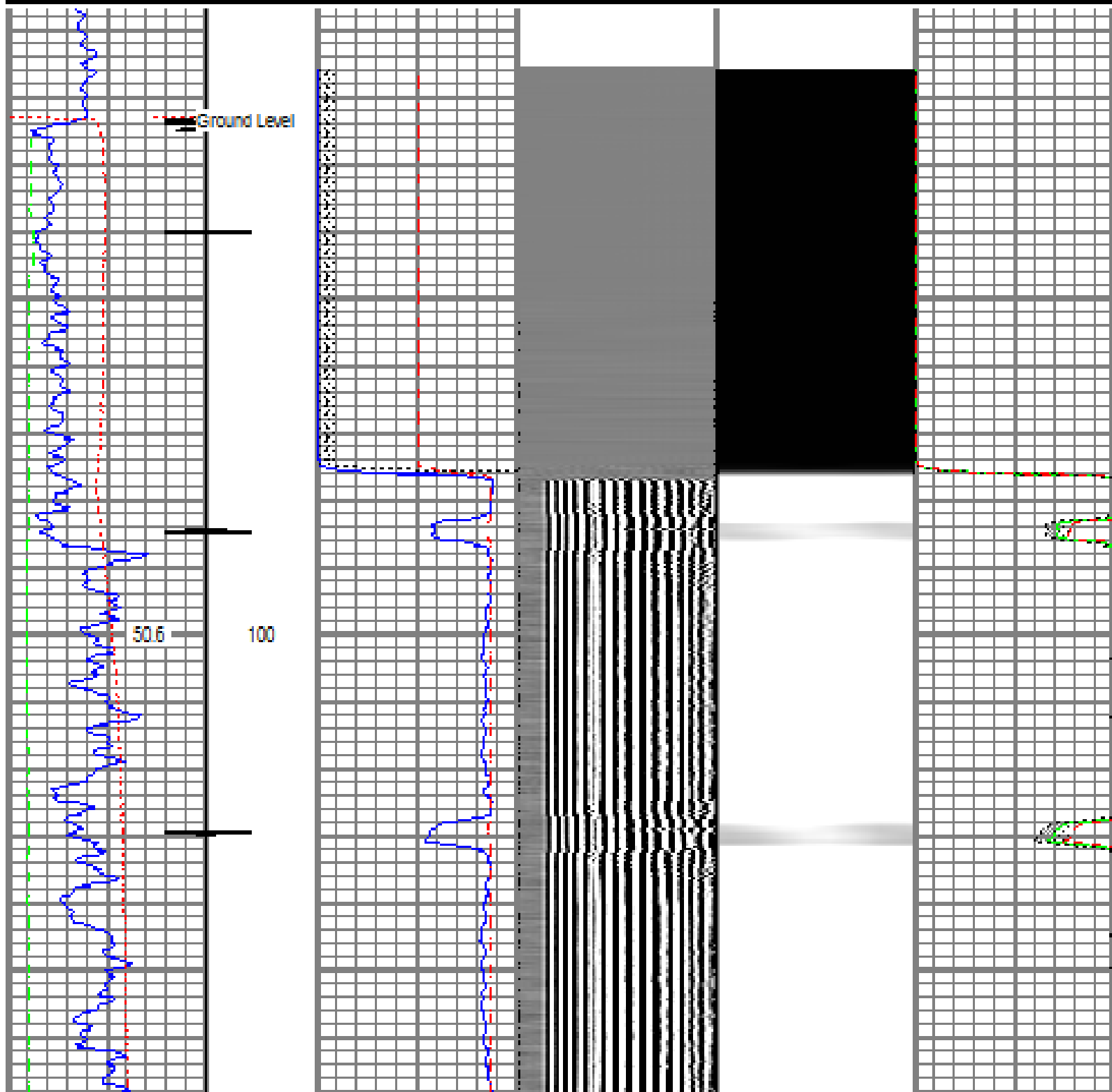
[<<< Fold Here >>>](#)
 All Interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible 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.

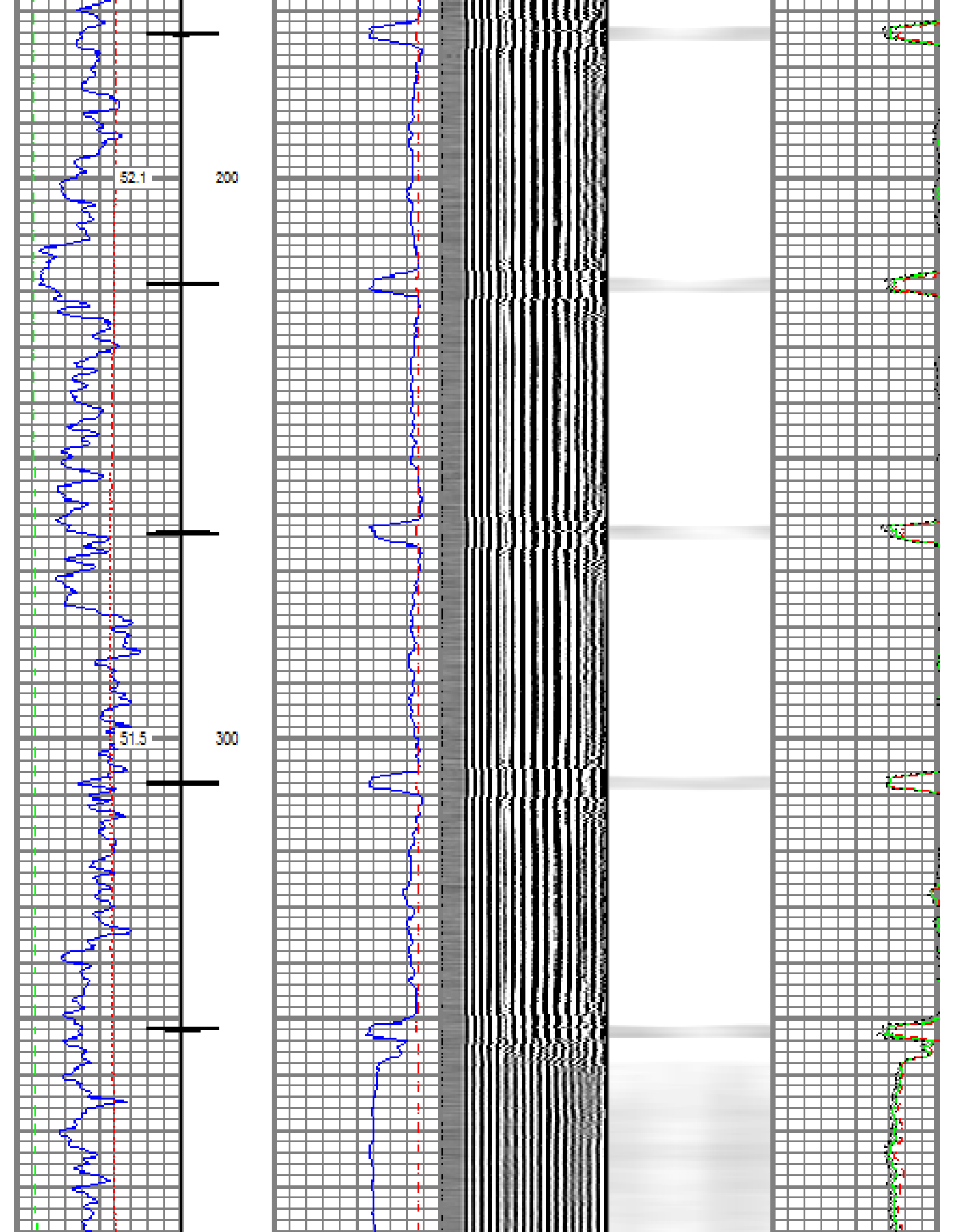
Log ran as per customer request
Depth referenced to Kelly Bushing at 24 FT.
Log ran from 9927 FT to Surface.
Recorded with 0 PSI Surface Induced Pressure.
Logging tools were clean and free of any debris upon completion of operations.
Marker Joint from 6247' - 6269'

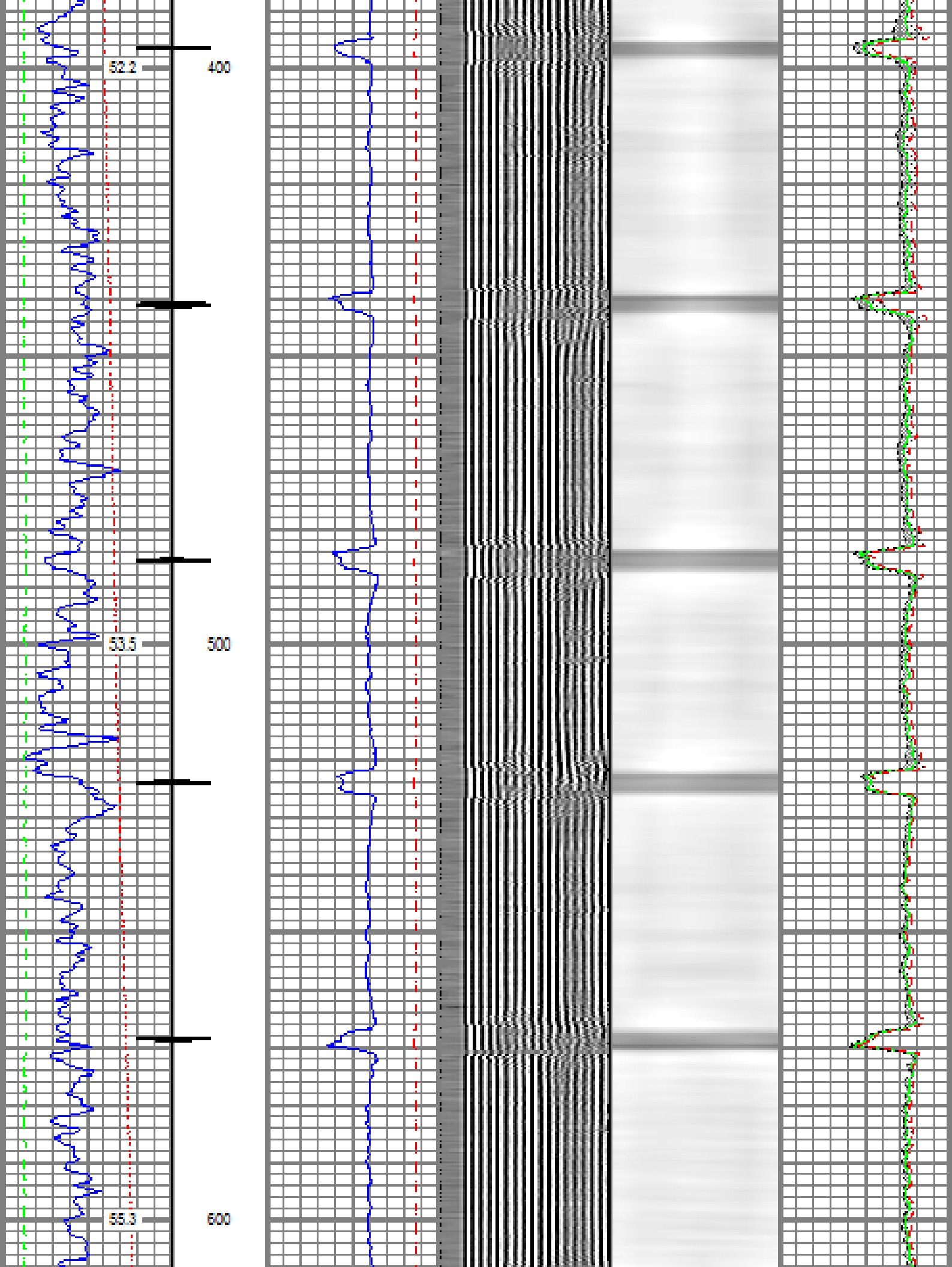
Thank you for choosing Reliance Oilfield Services, LLC!!

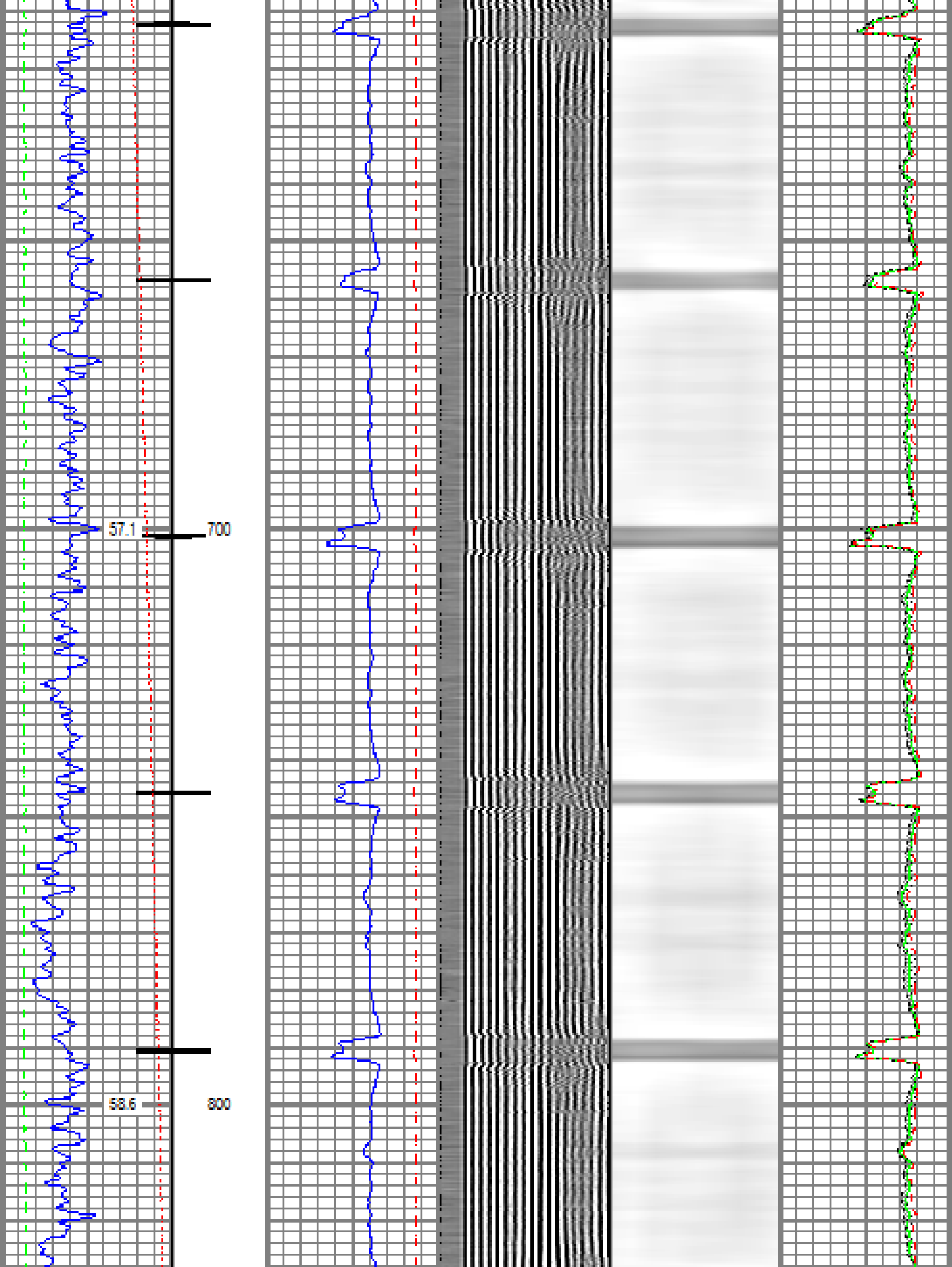
Database File terra_youberg_ru 24-7.db
 Dataset Pathname Main
 Presentation Format ros_rb004 .sx
 Dataset Creation Tue Feb 07 01:59:27 2017
 Charted by Depth In Feet scaled 1:240

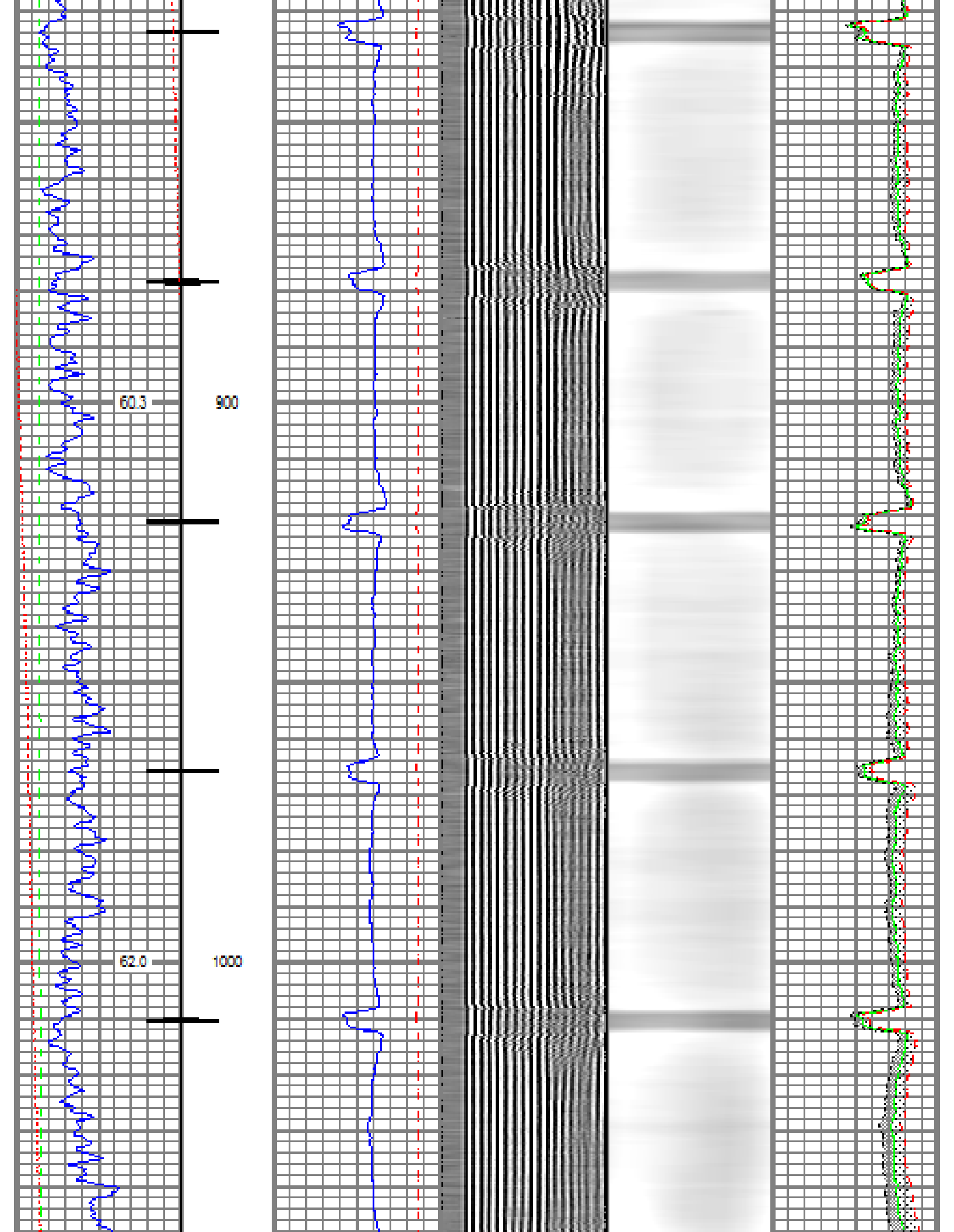
Gamma Ray	0	3' Amplitude (mV) 100	5' Variable Density Log	Sector Map	0	Average Amplitude 100
(GAPI) 120		3' Amplitude x 5	200			Minimum Amplitude
Casing Collar Locator	0	(mV) 20	1200		0	100
Line Tension (lb) 1500		3' Travel Time				Maximum Amplitude
Temperature	0	650 (usec) 150			0	100
(degF) 20						

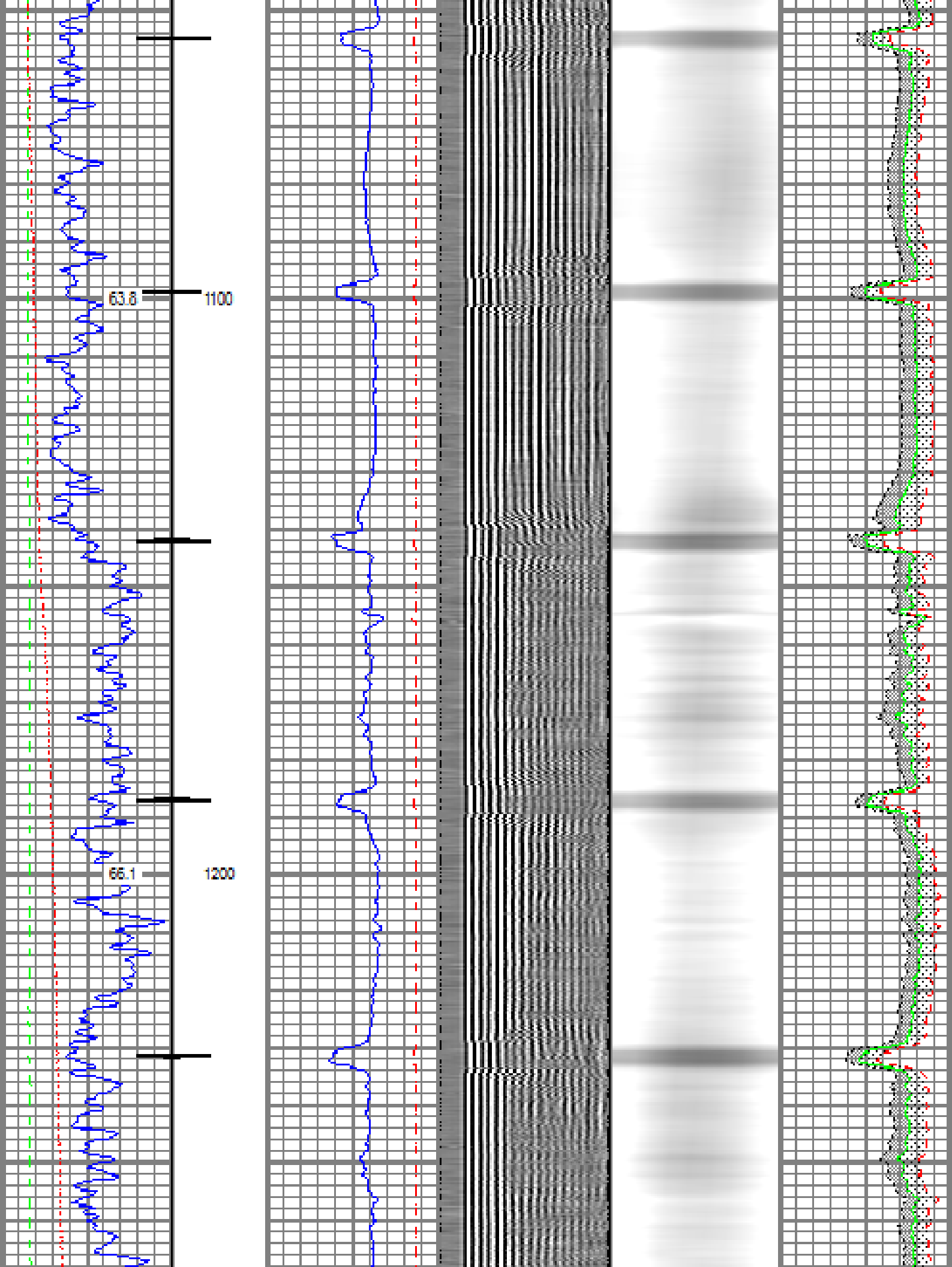


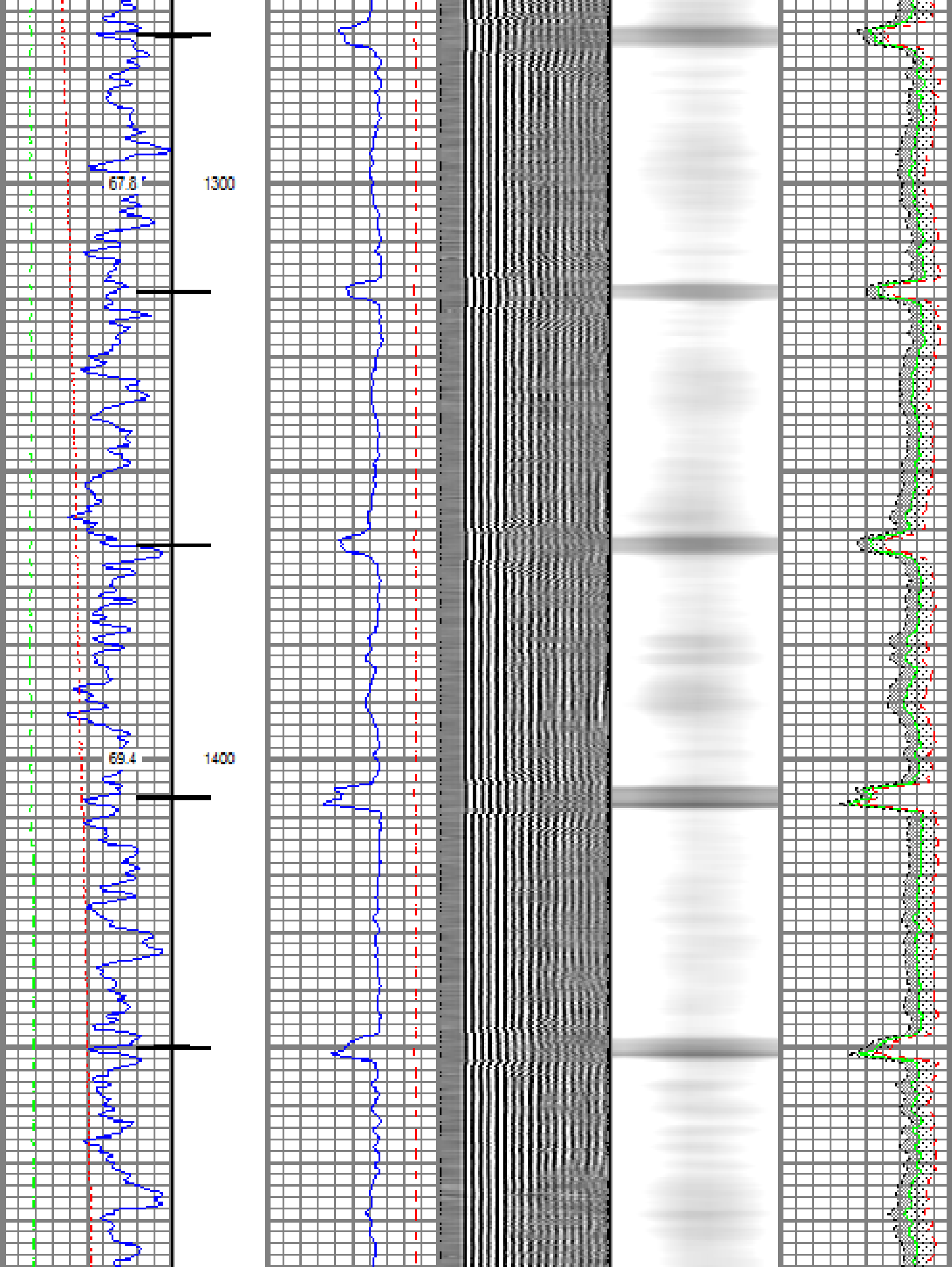


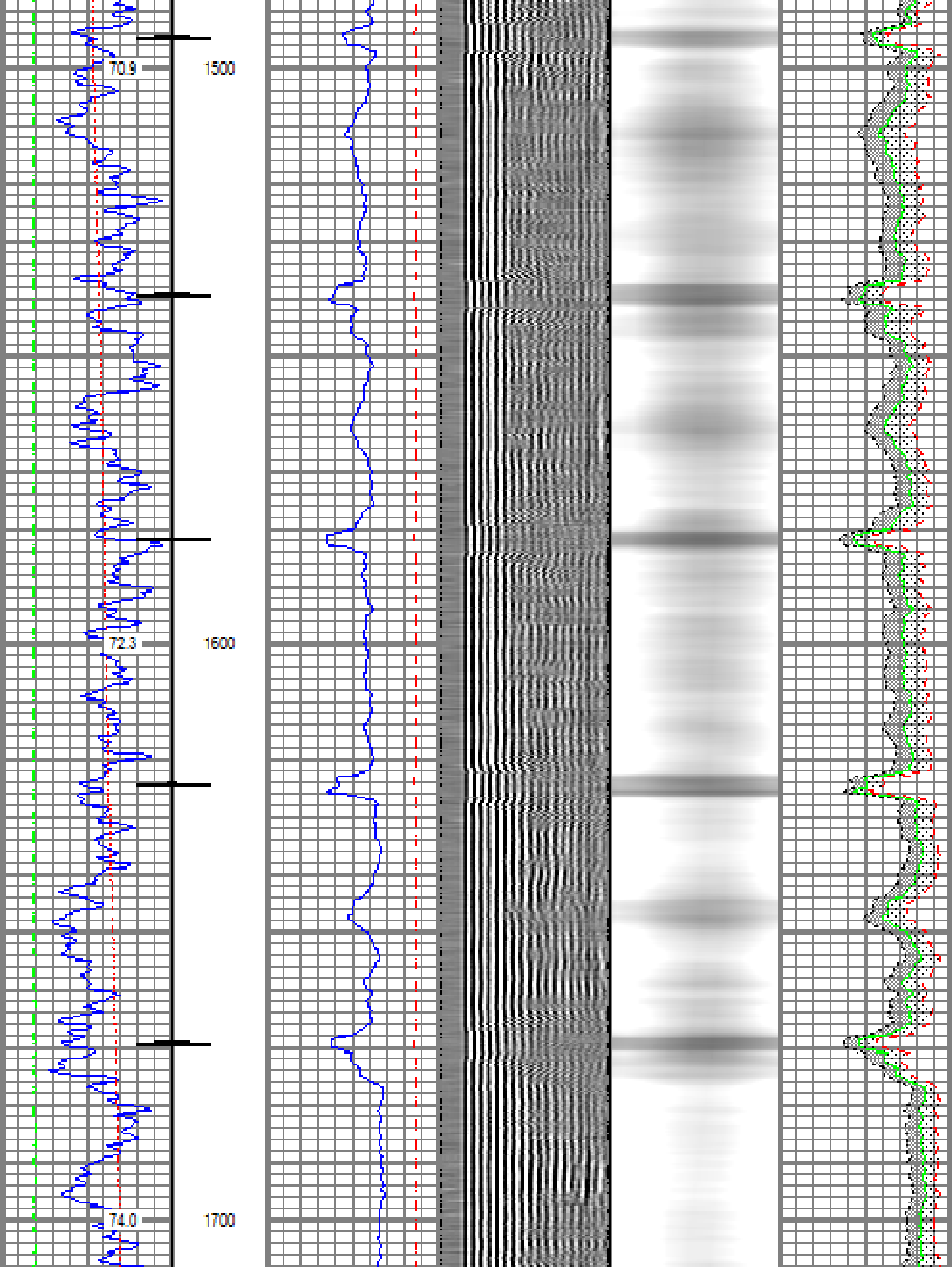


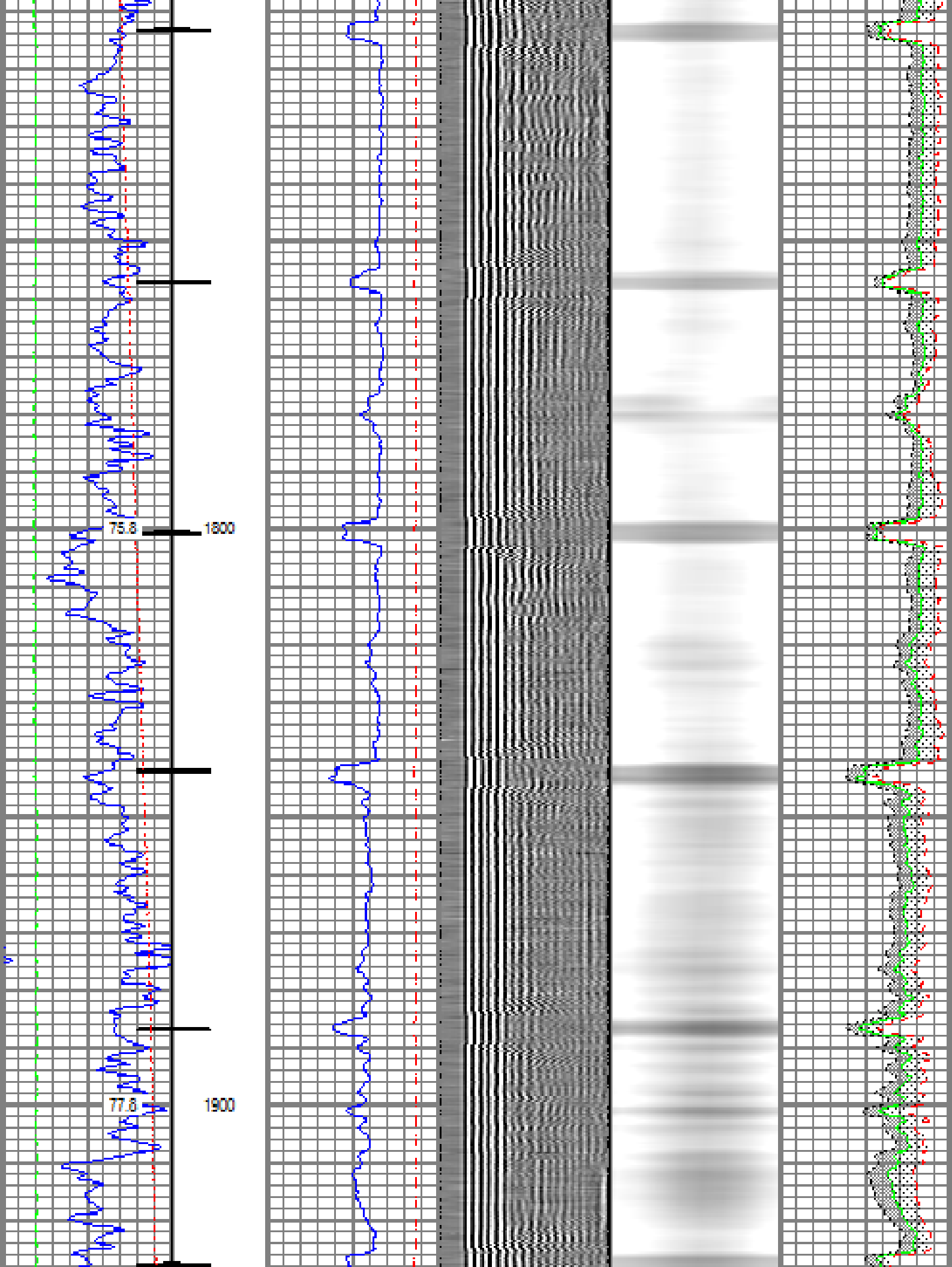


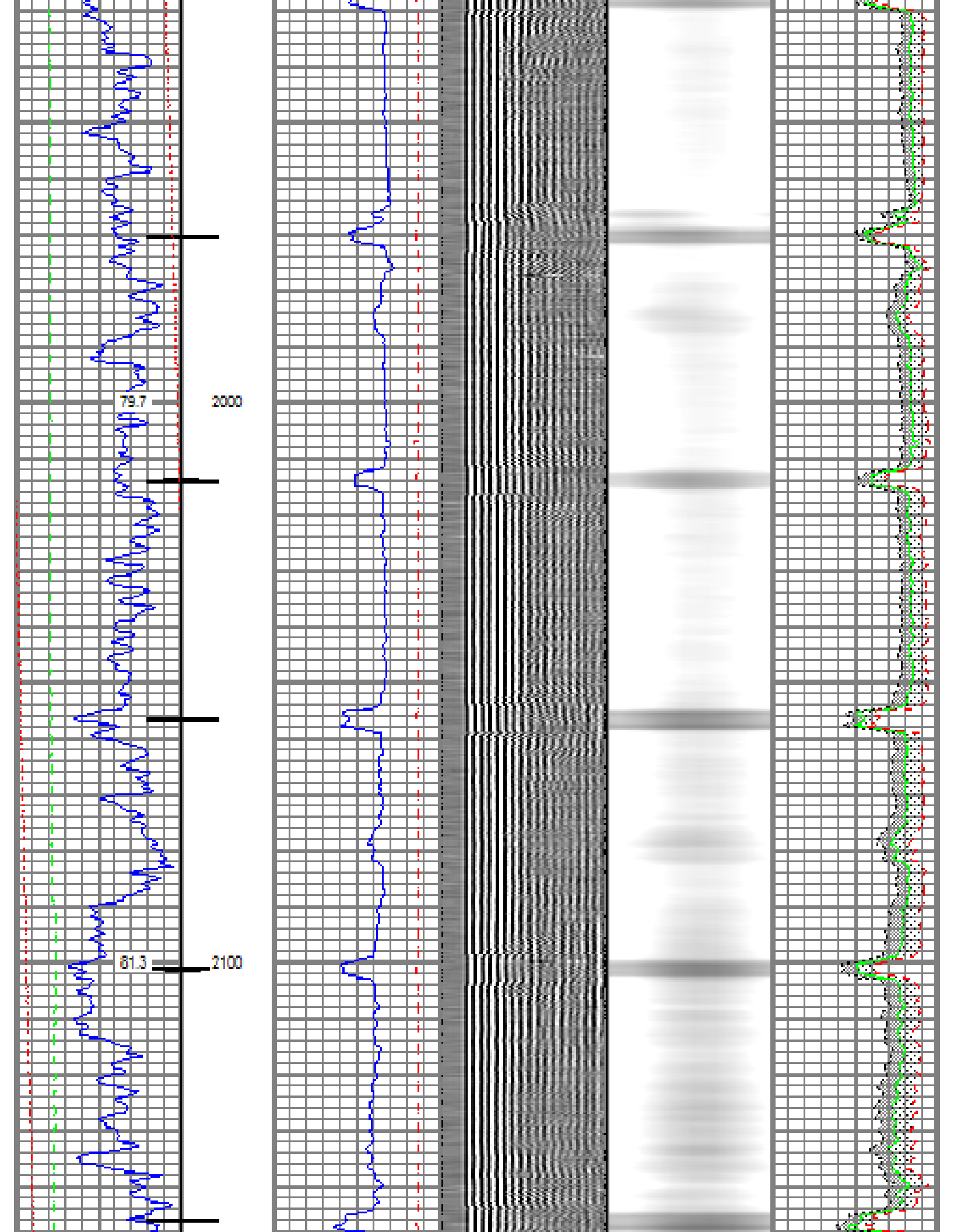


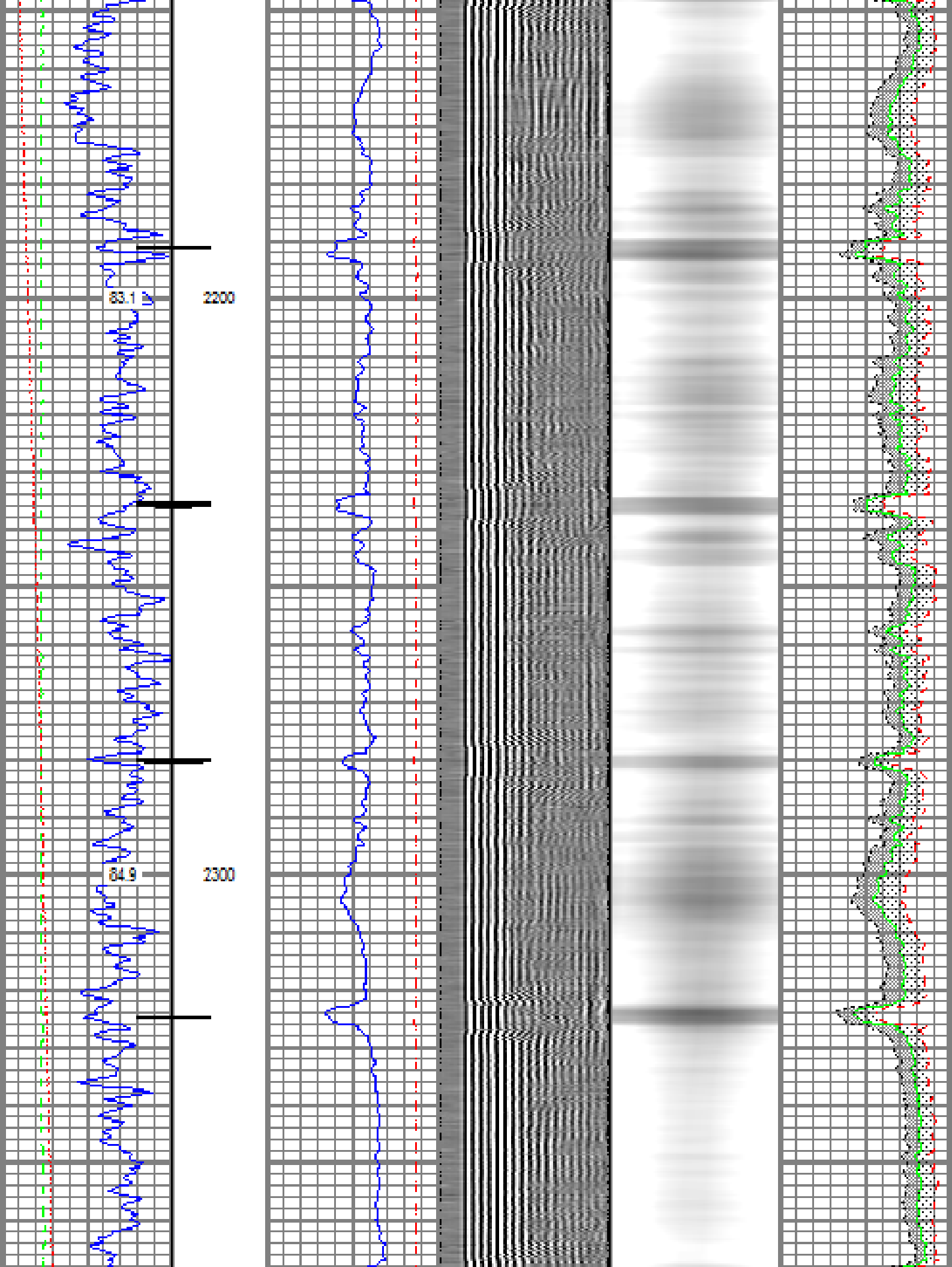


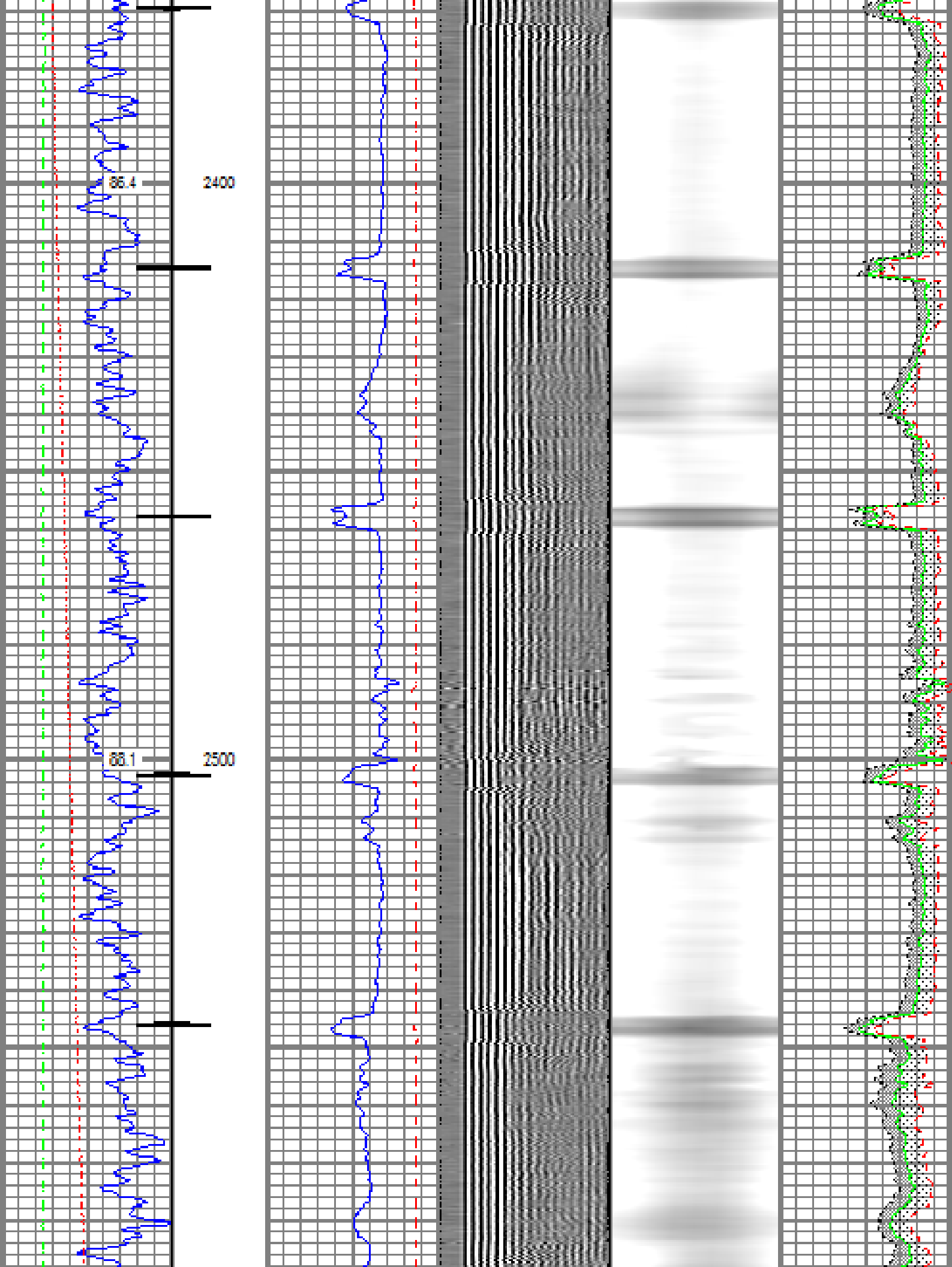


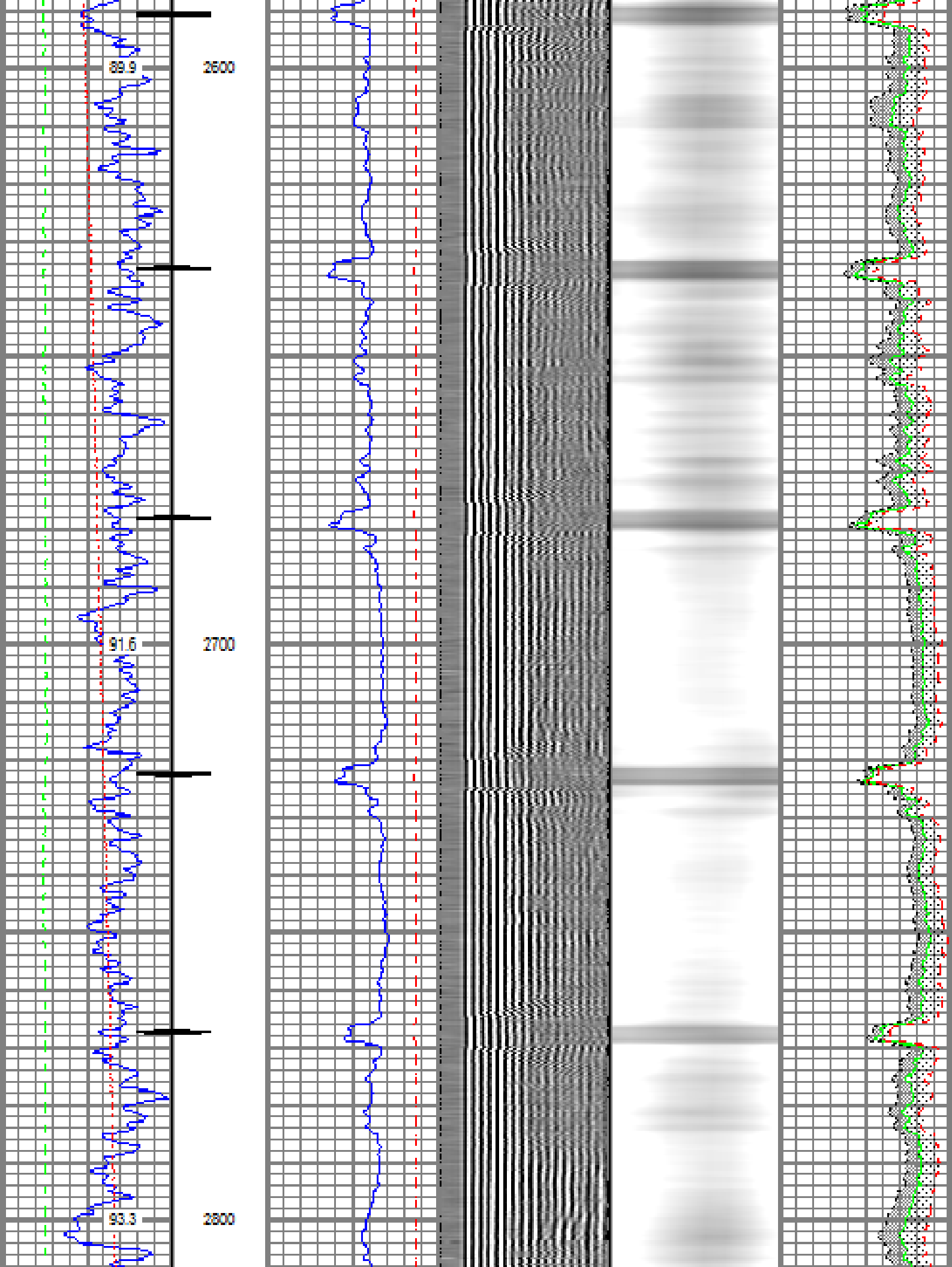


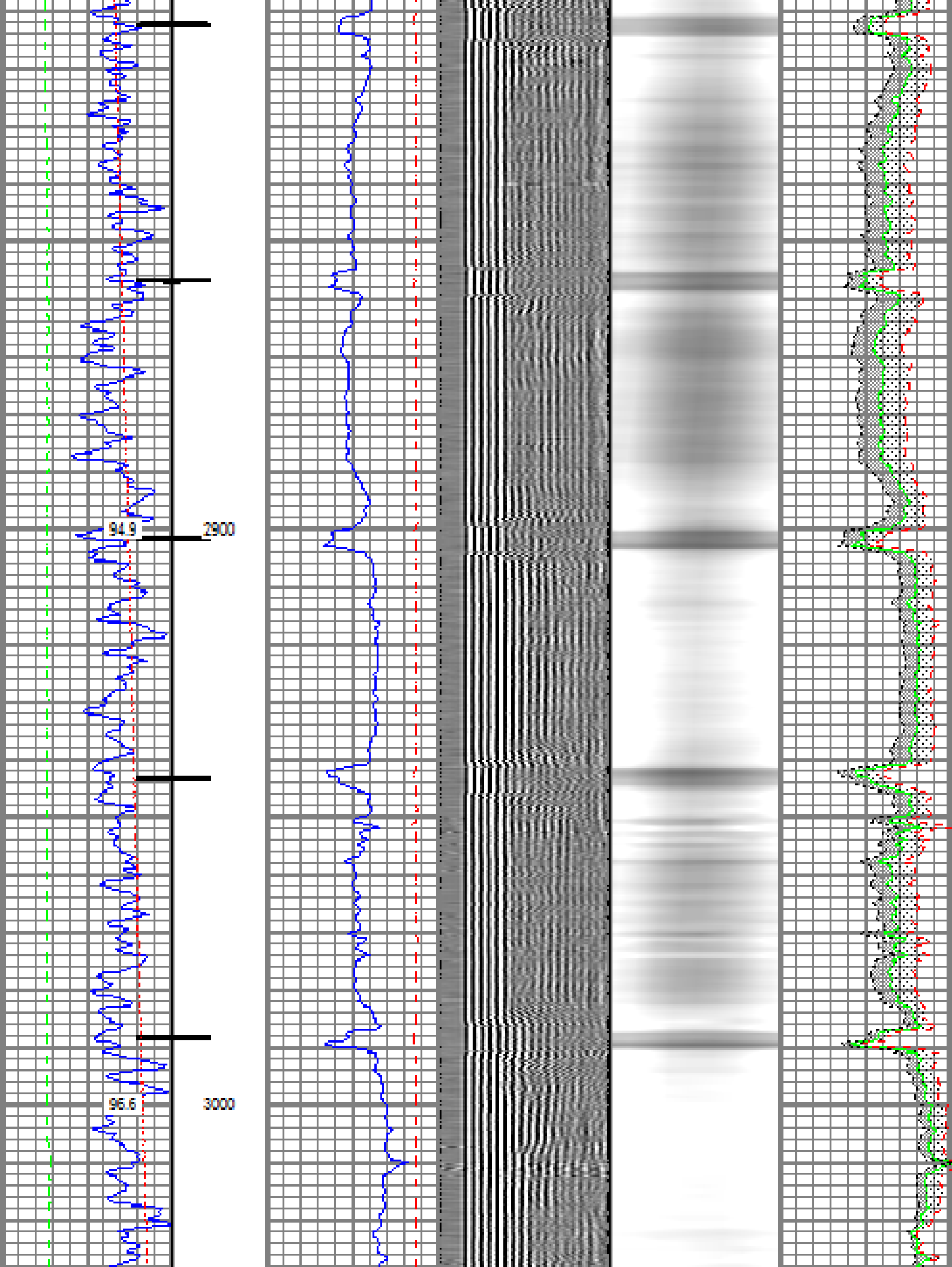


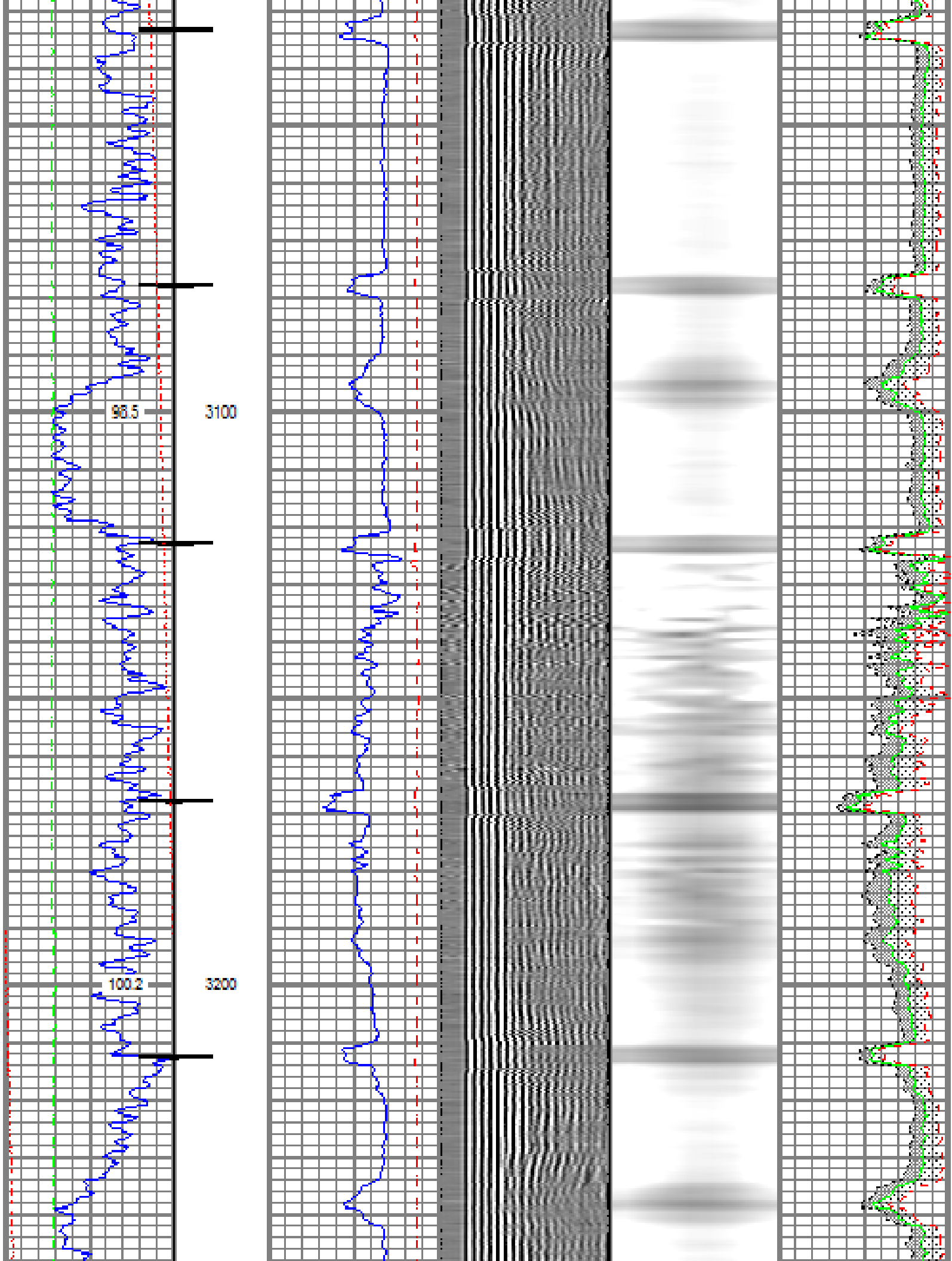


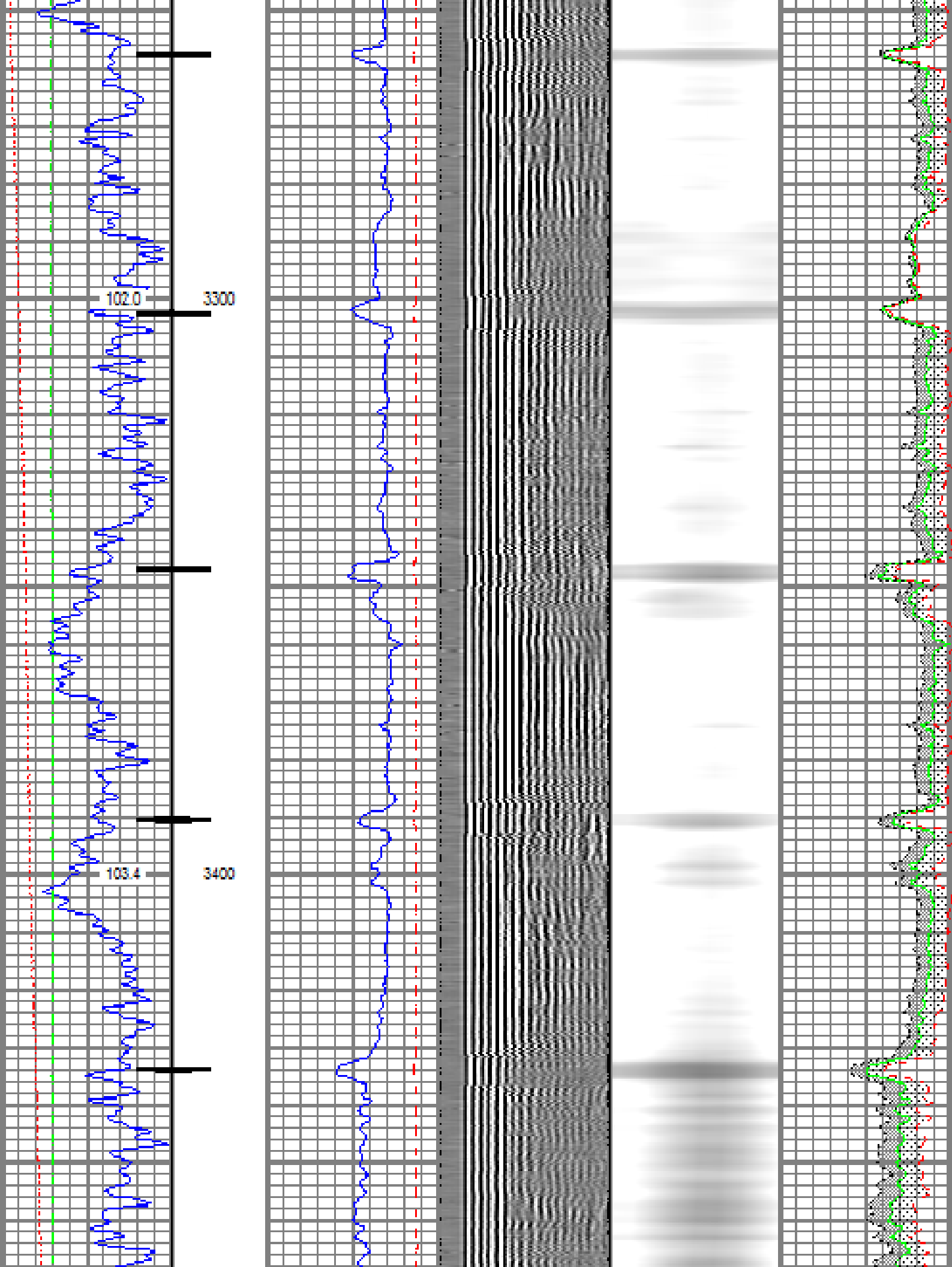


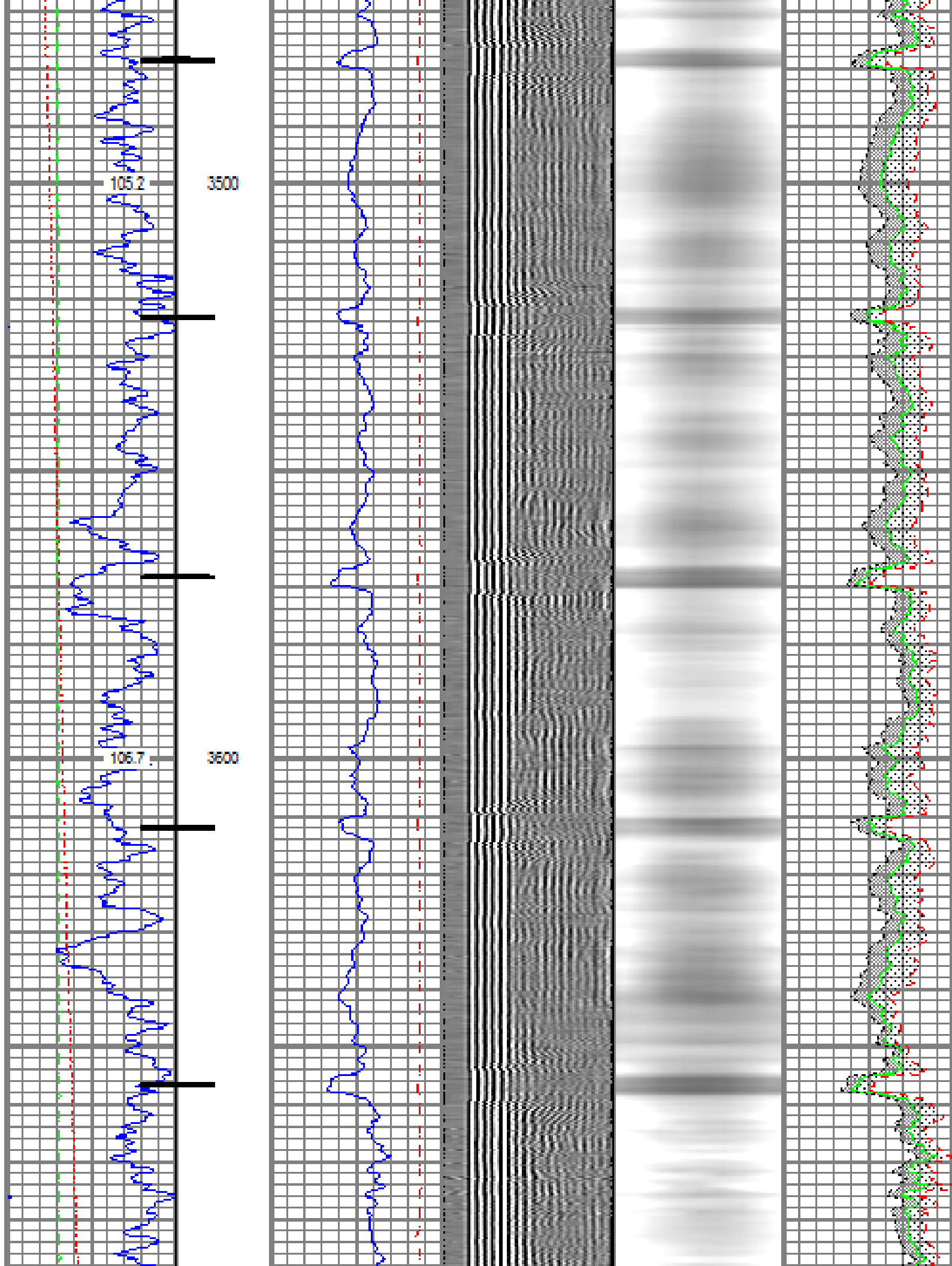


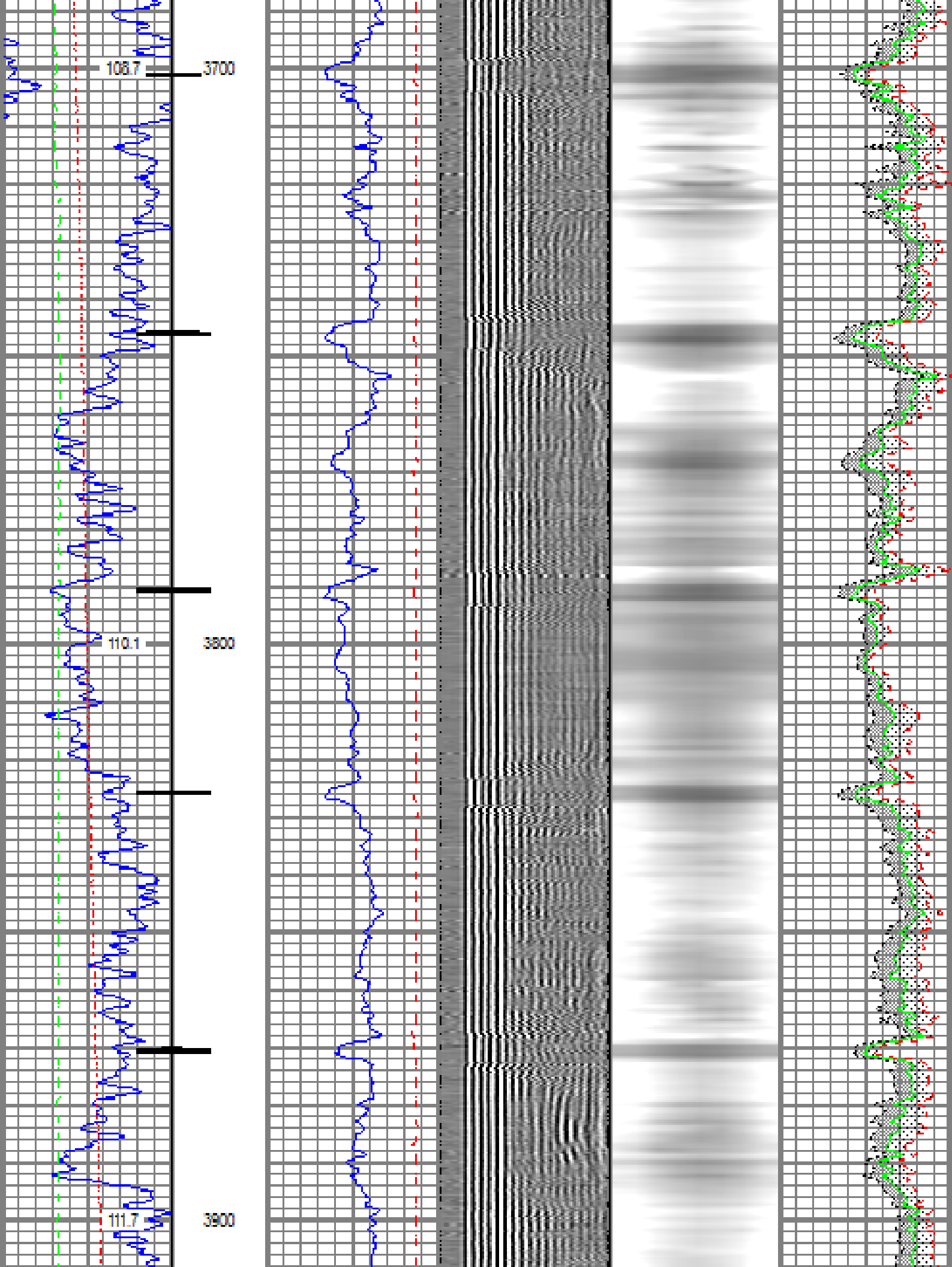


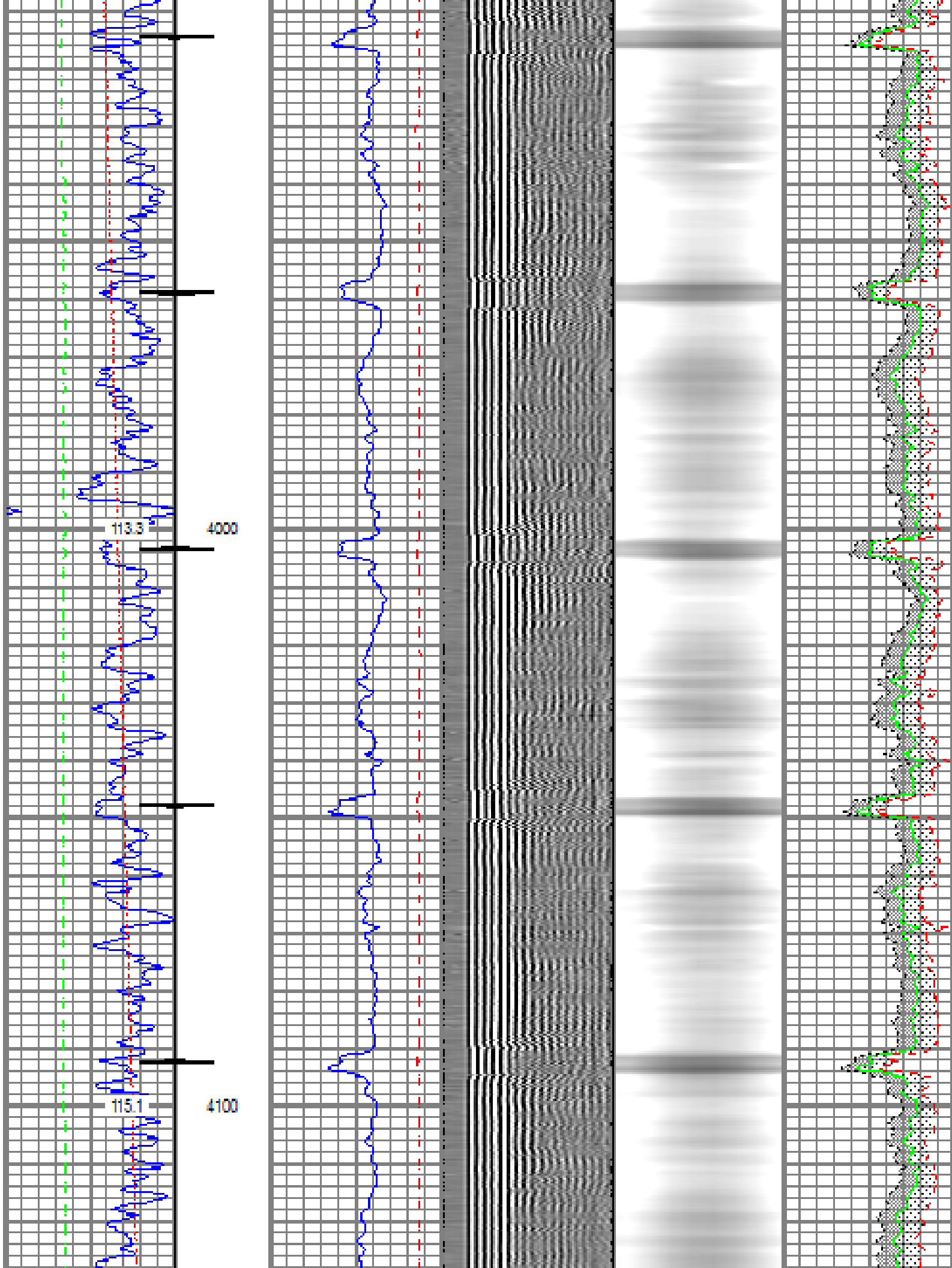


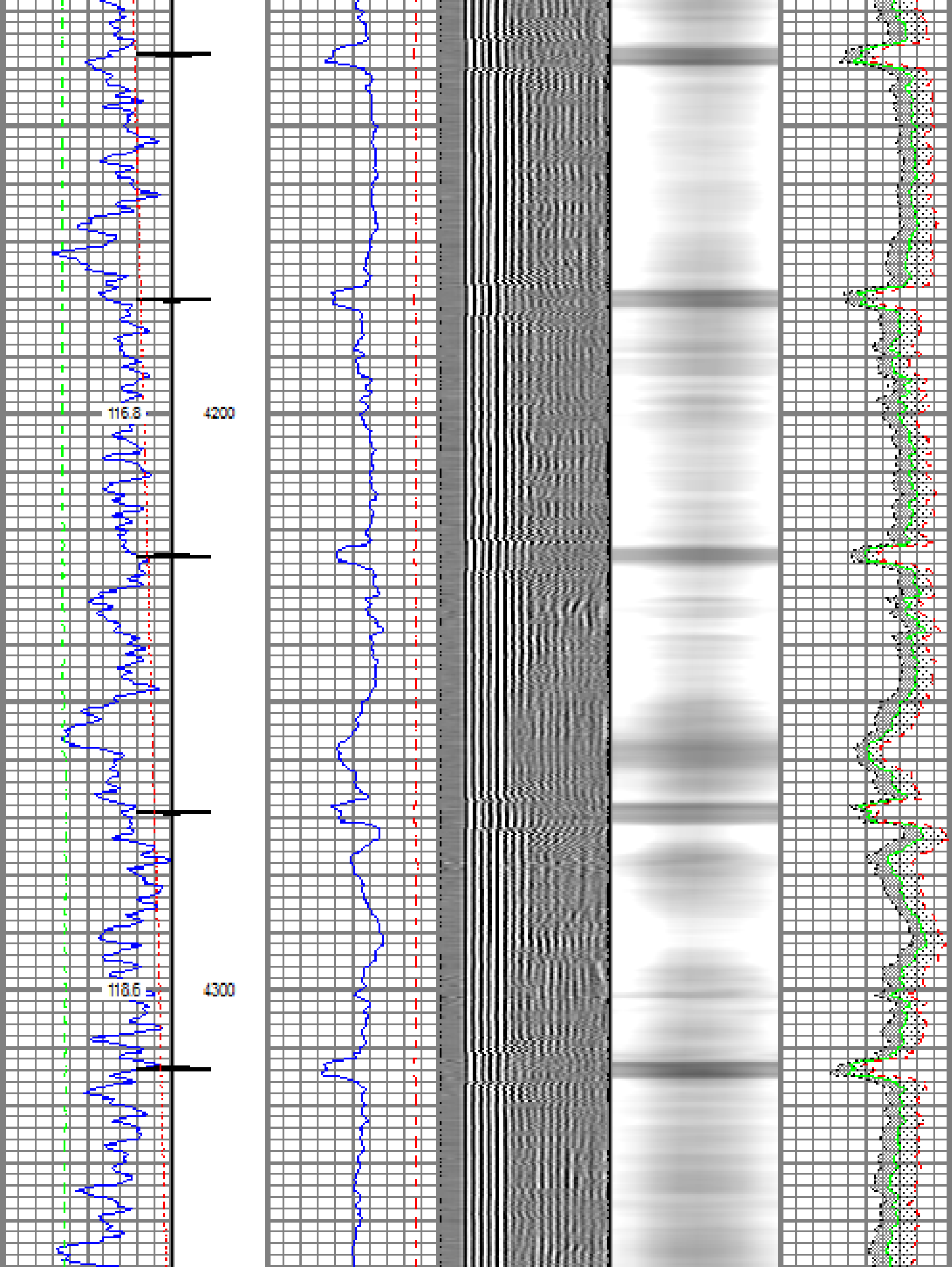


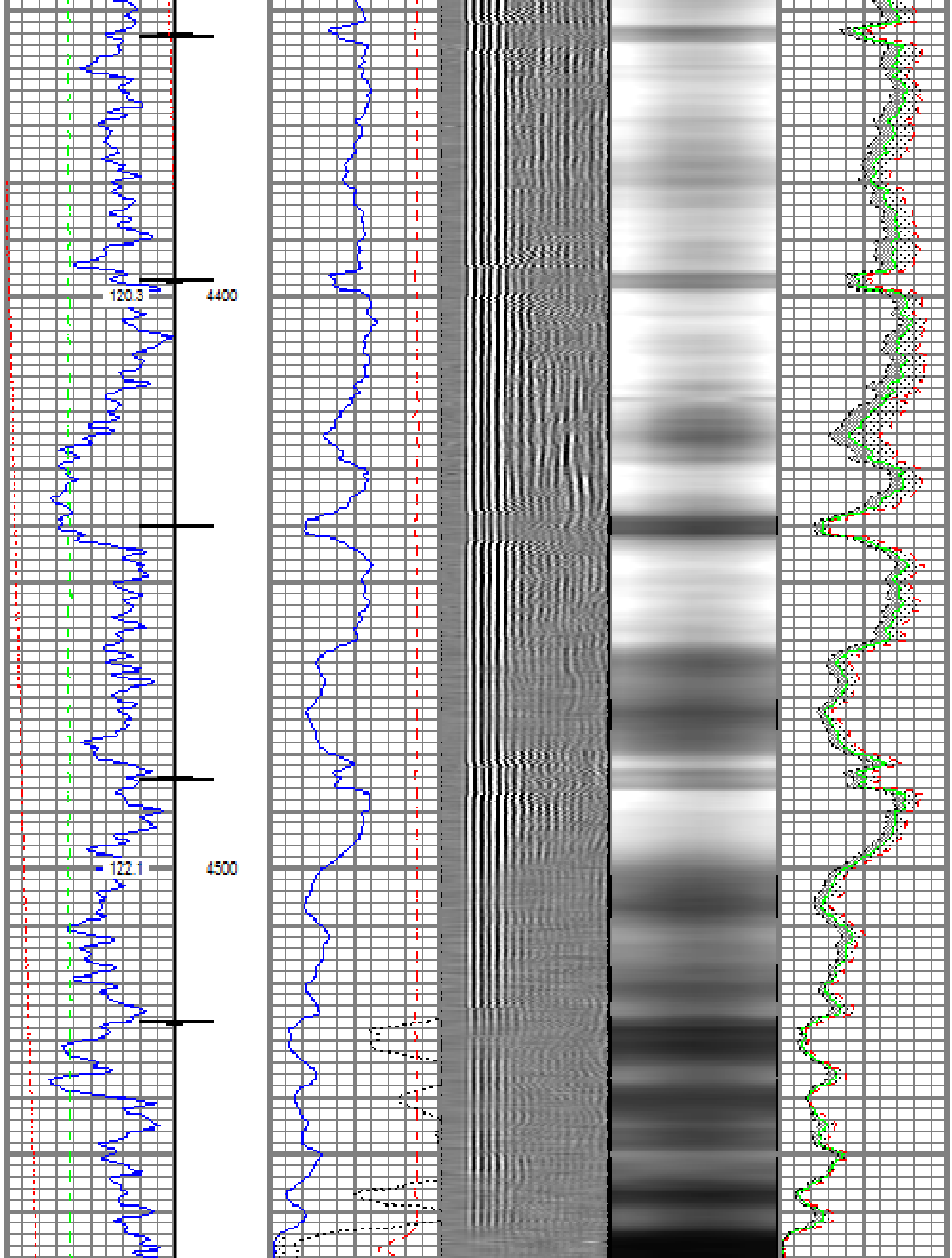


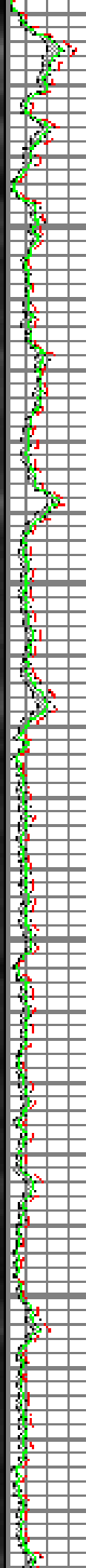
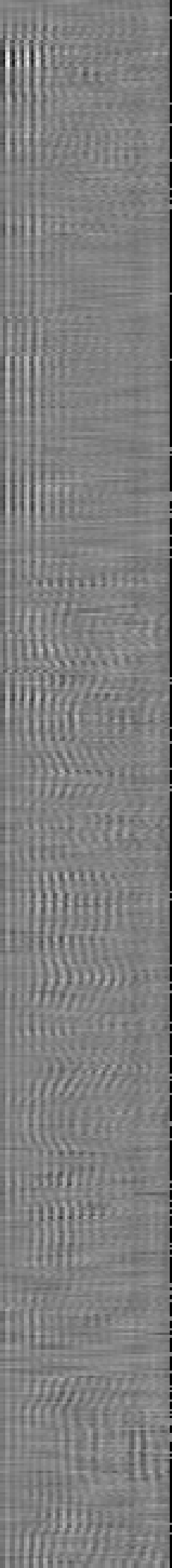
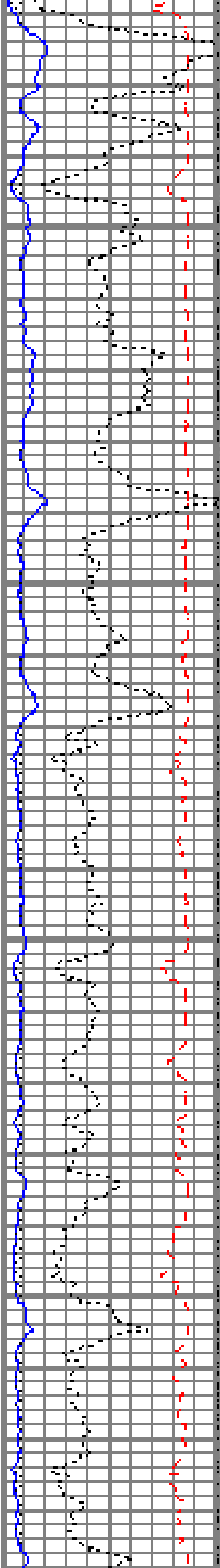
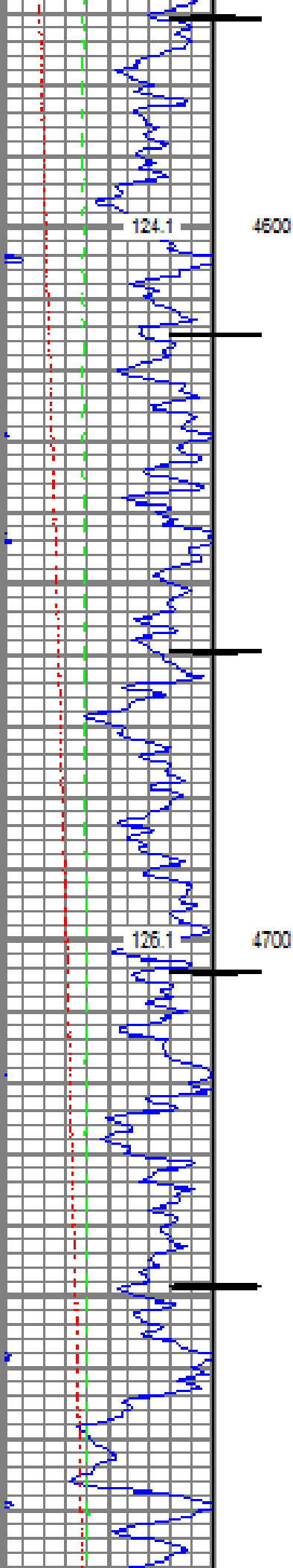


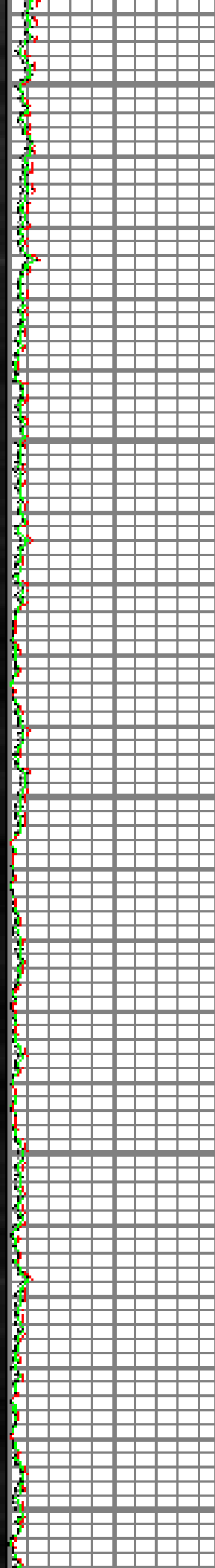
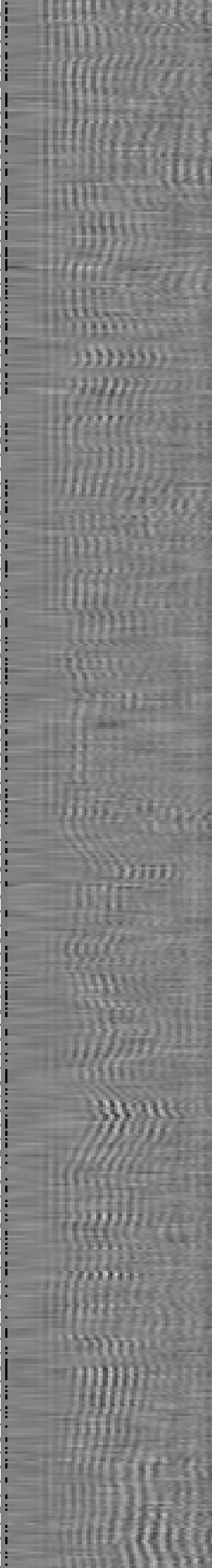
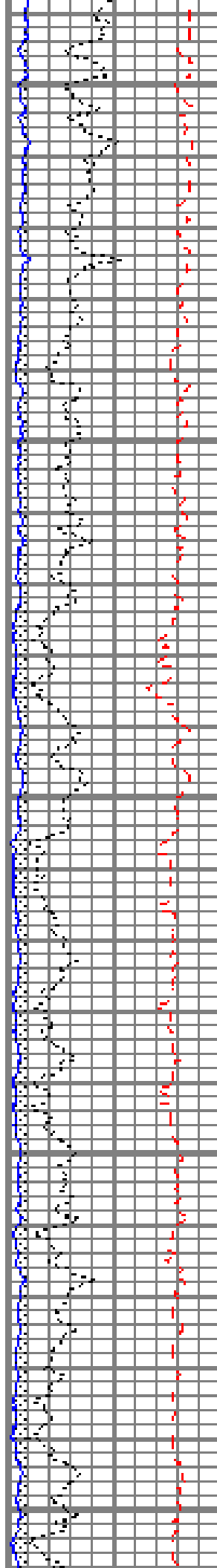
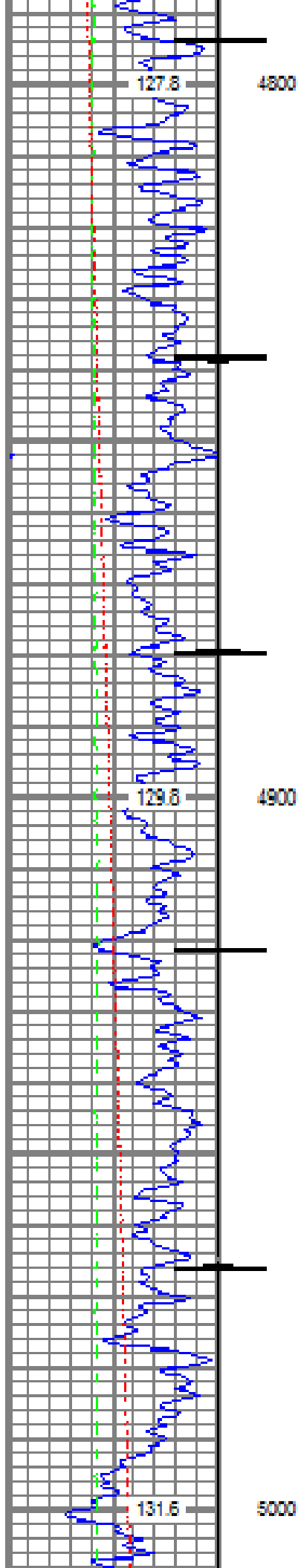


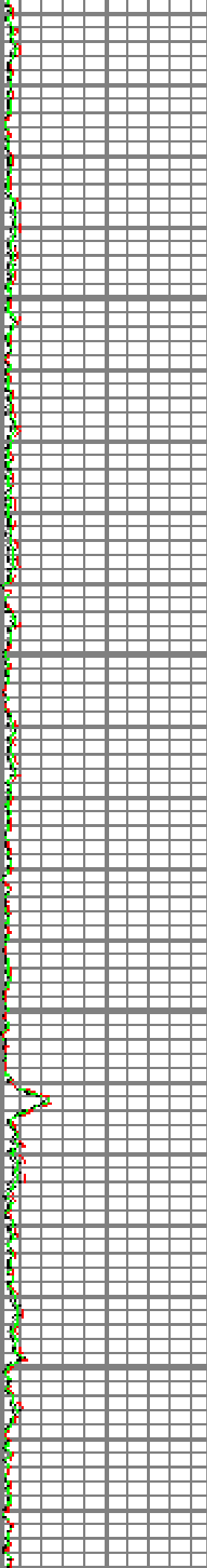
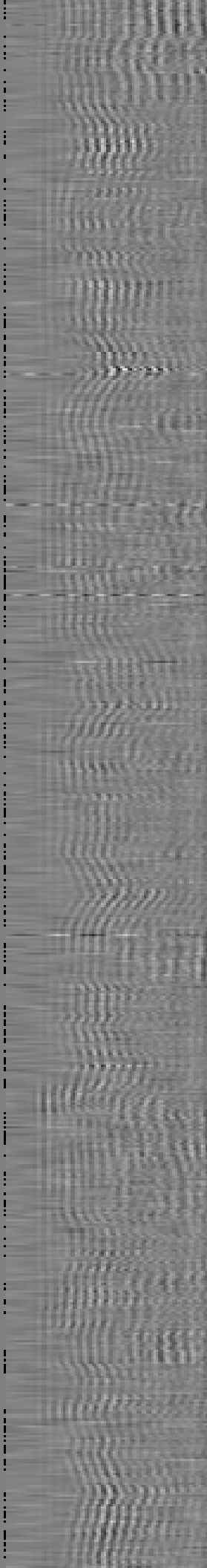
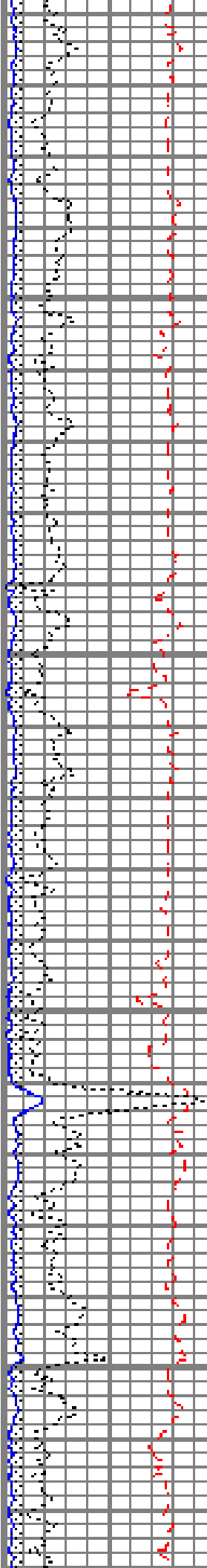
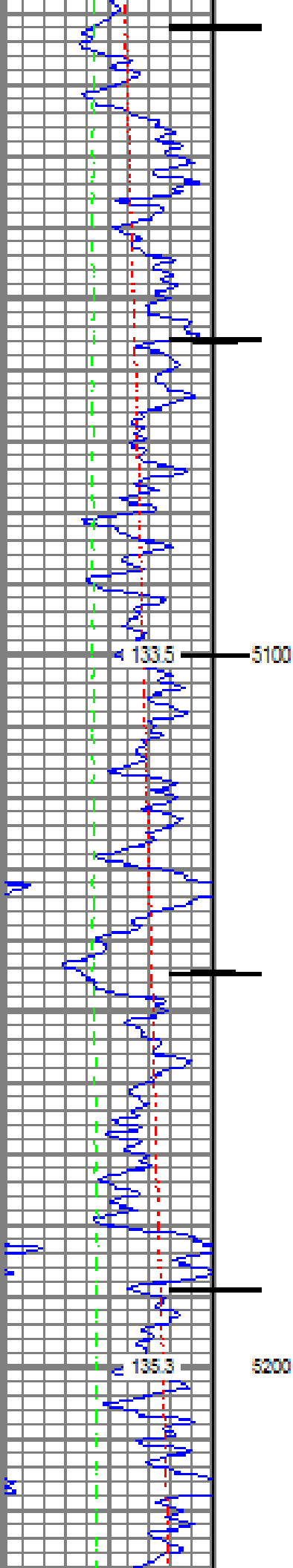


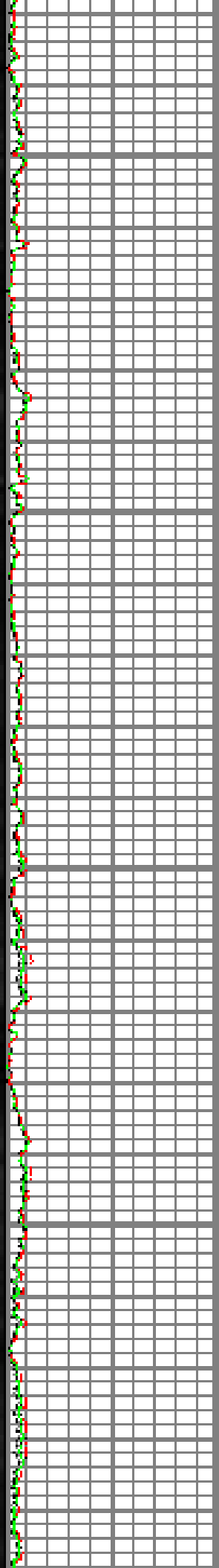
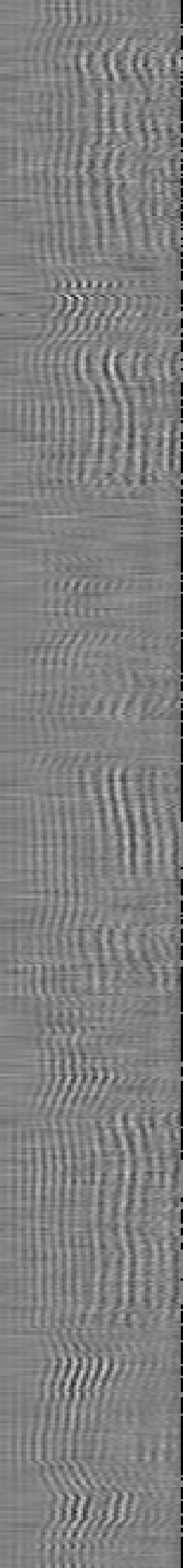
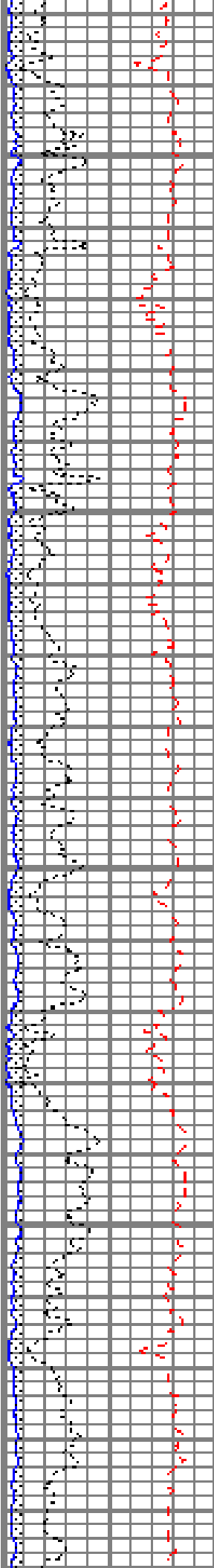
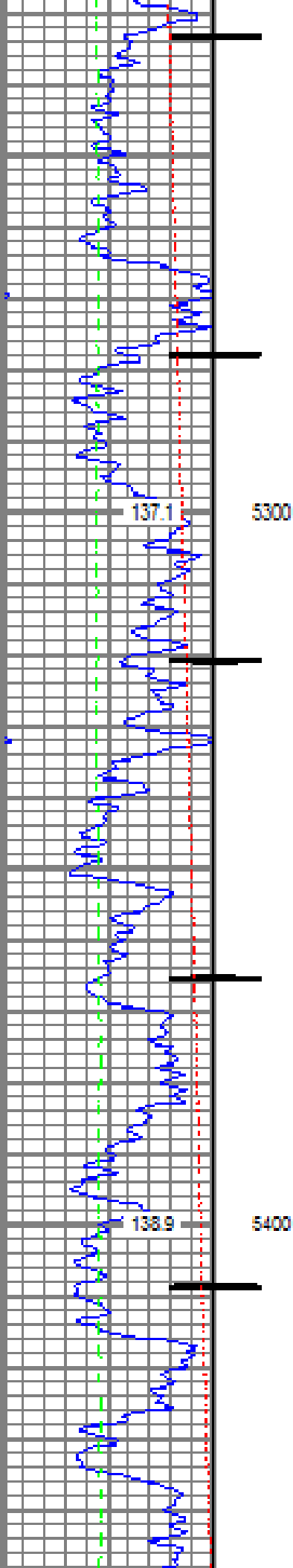


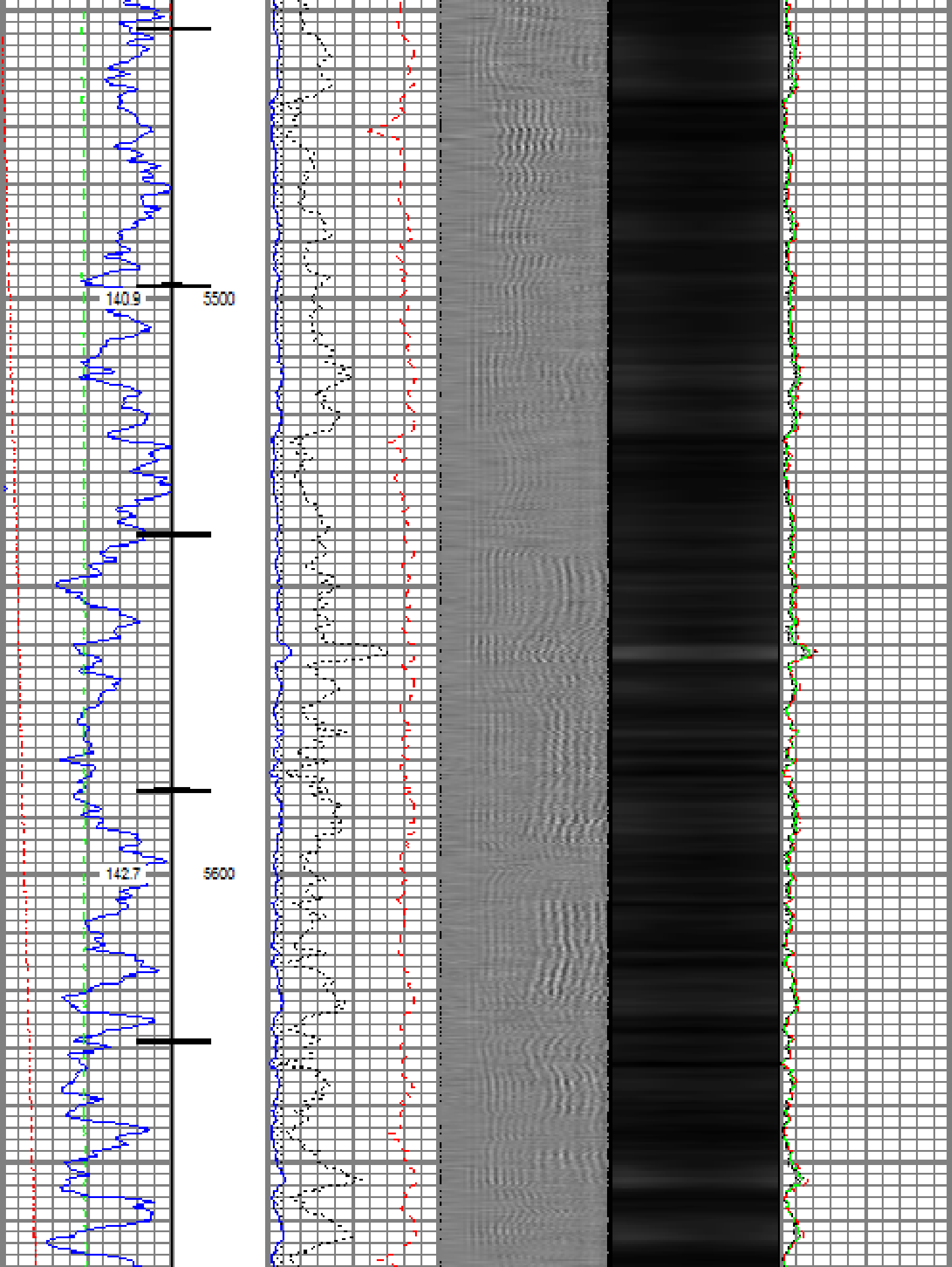


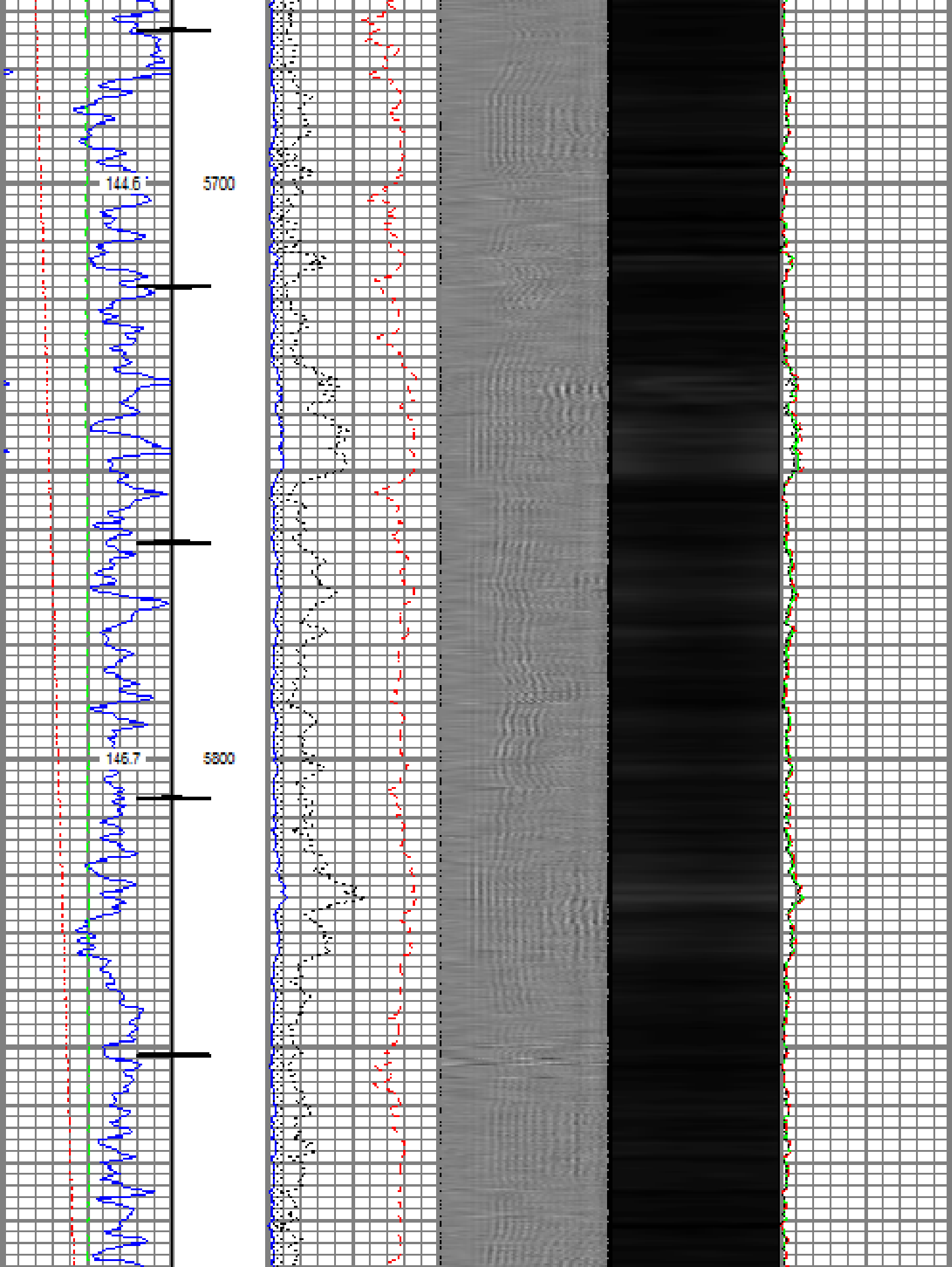












148.8

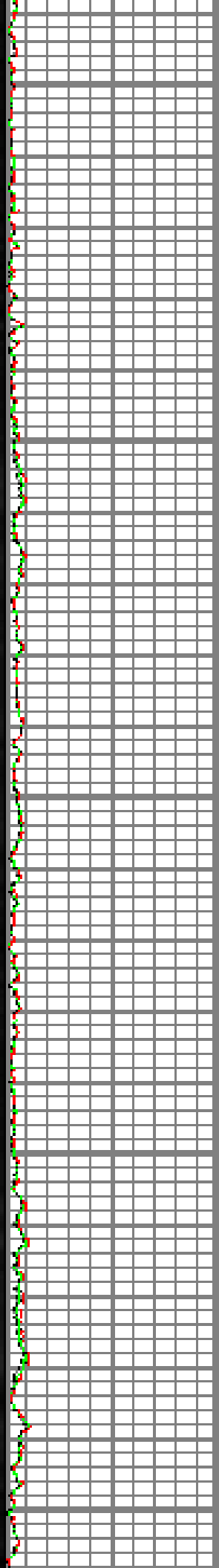
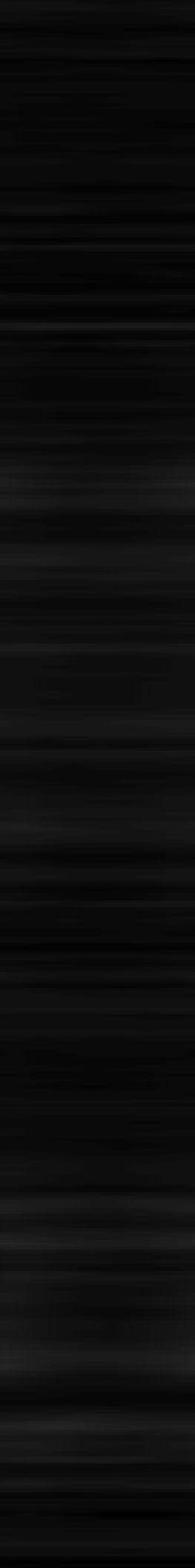
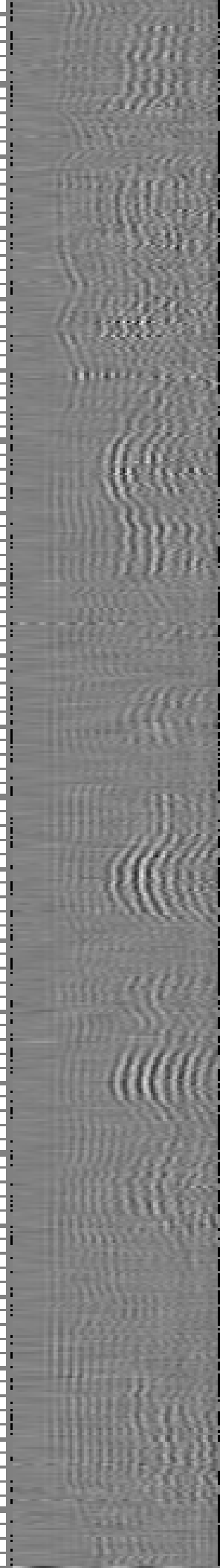
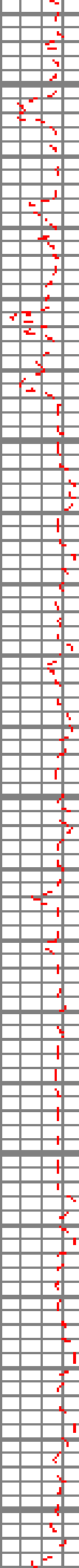
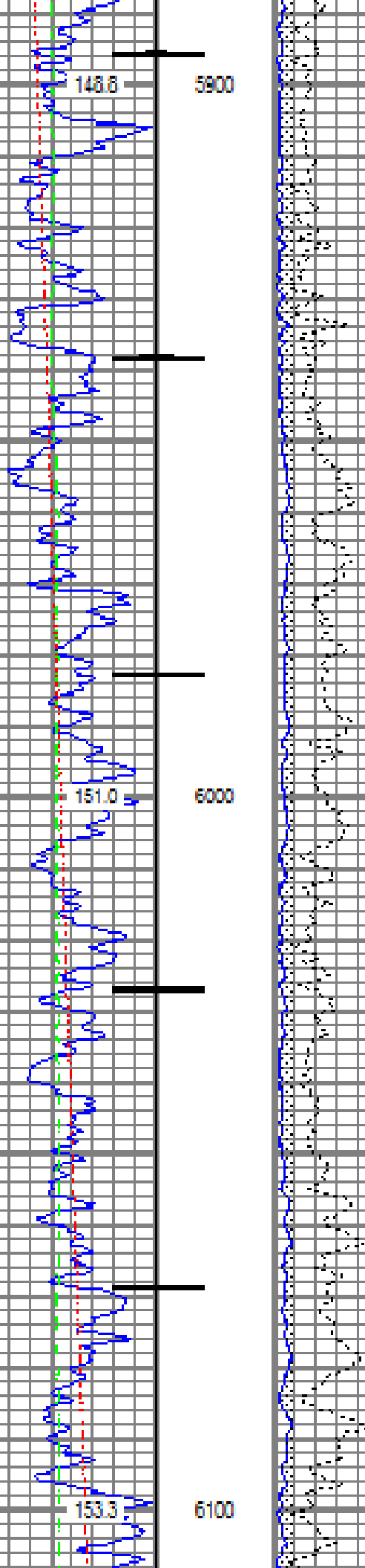
5900

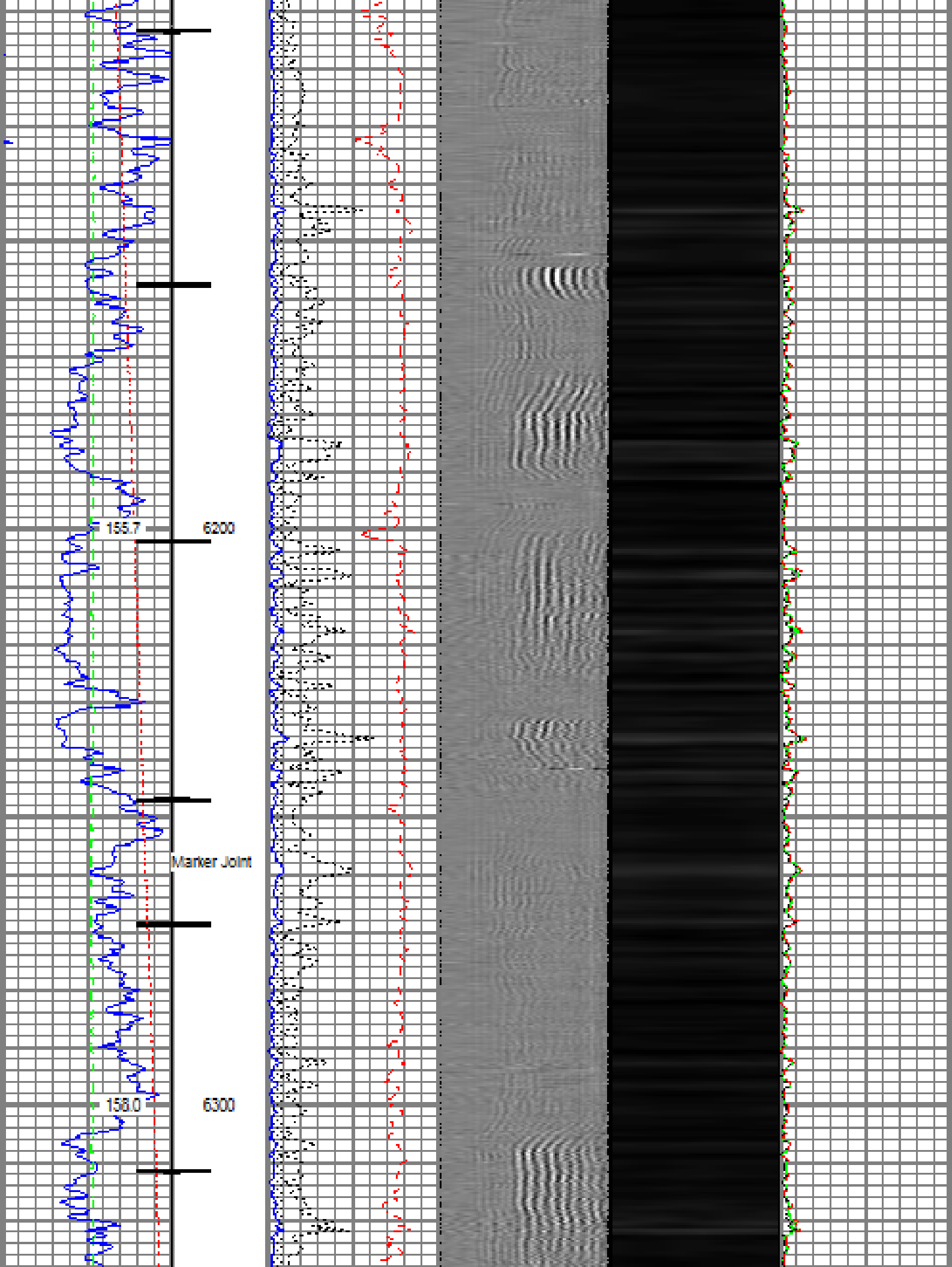
151.0

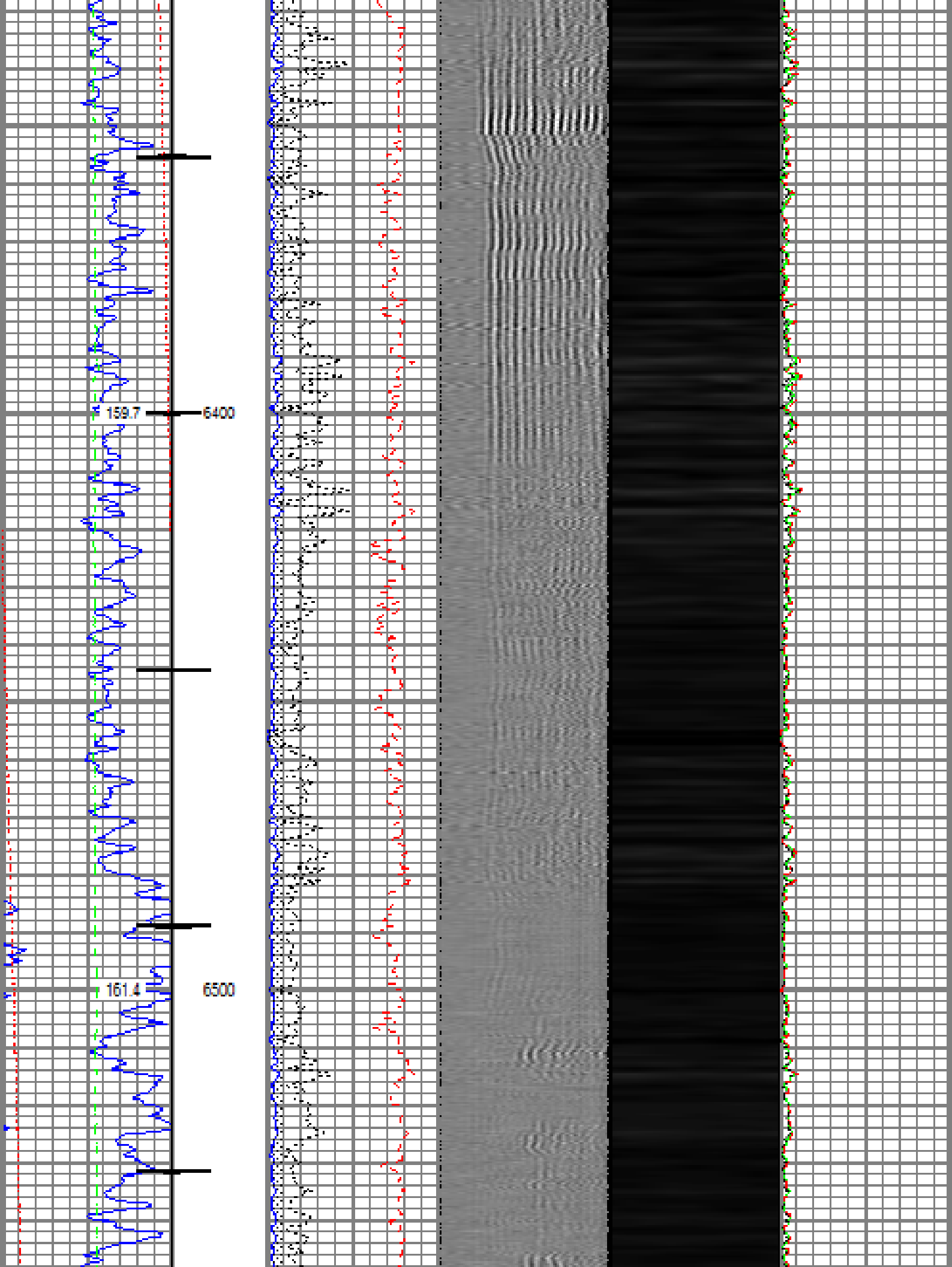
6000

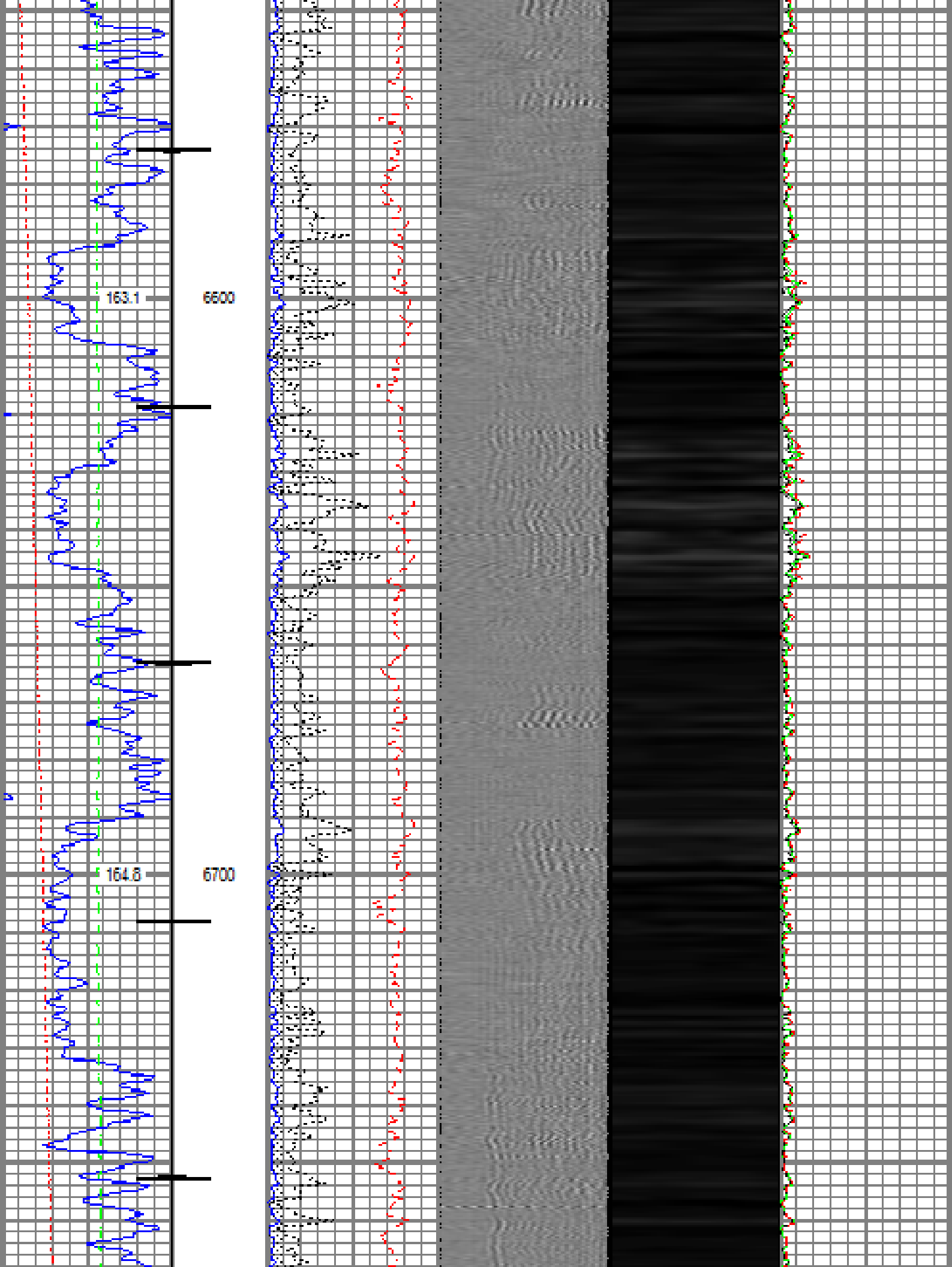
153.3

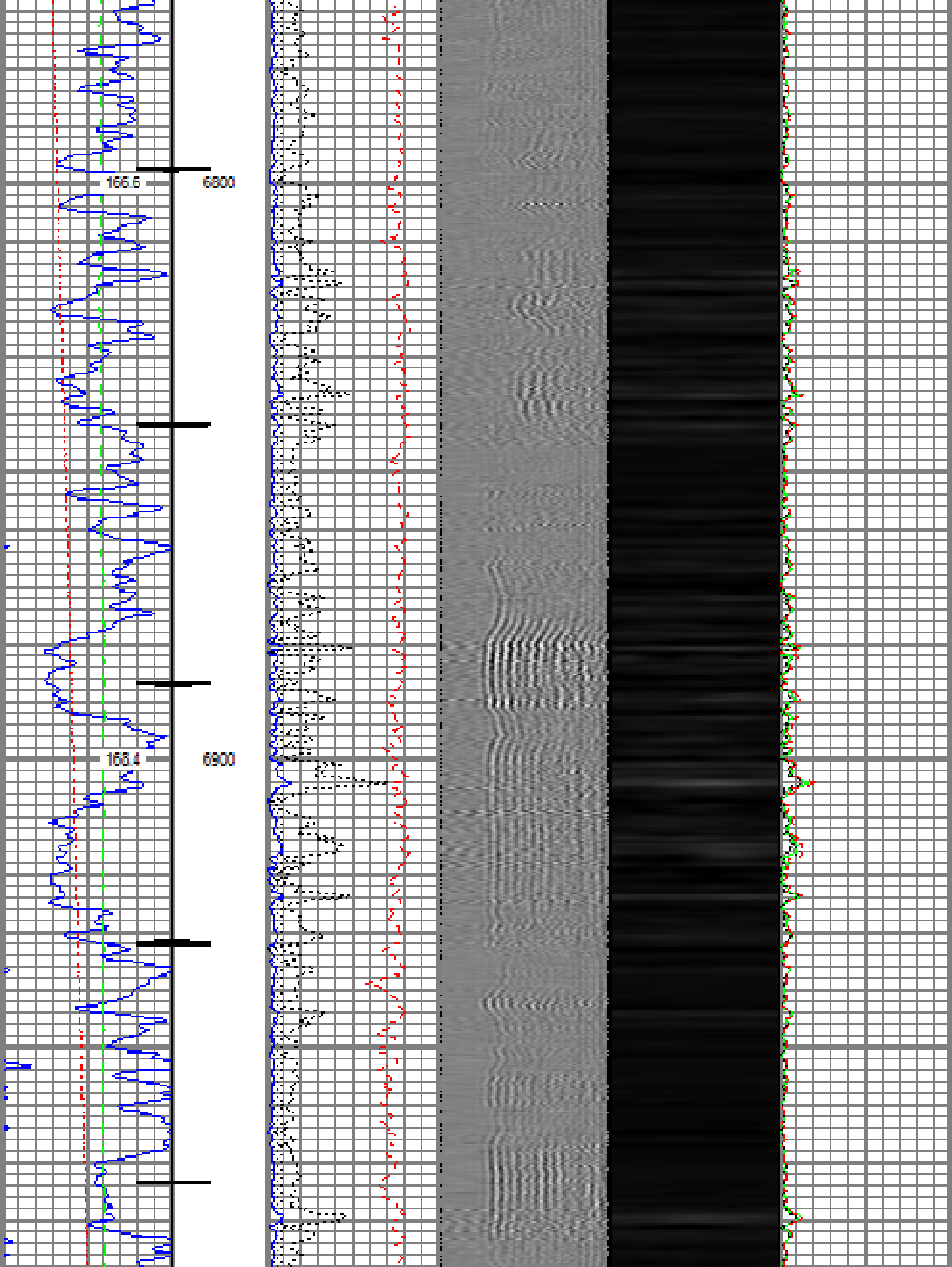
6100

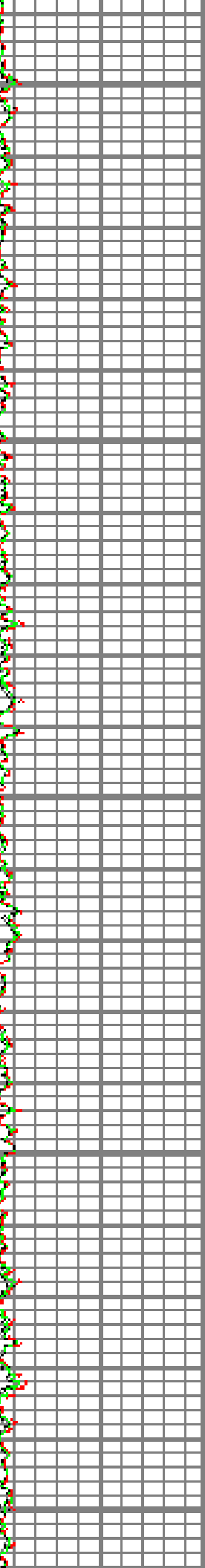
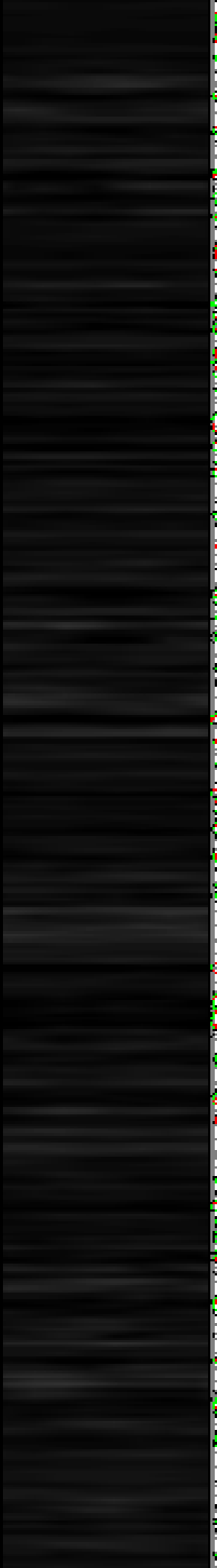
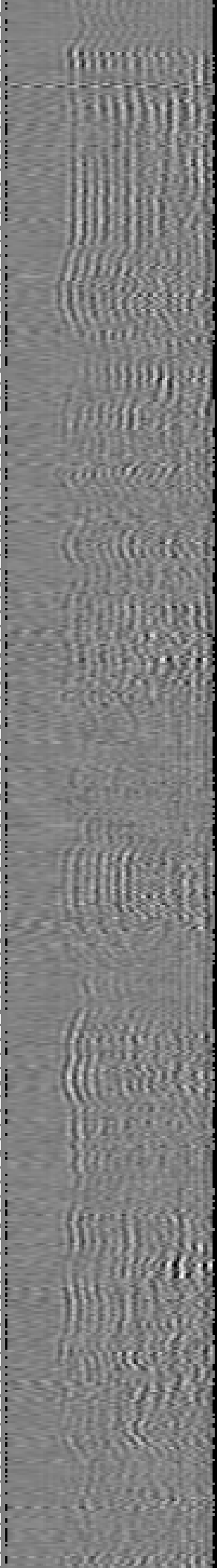
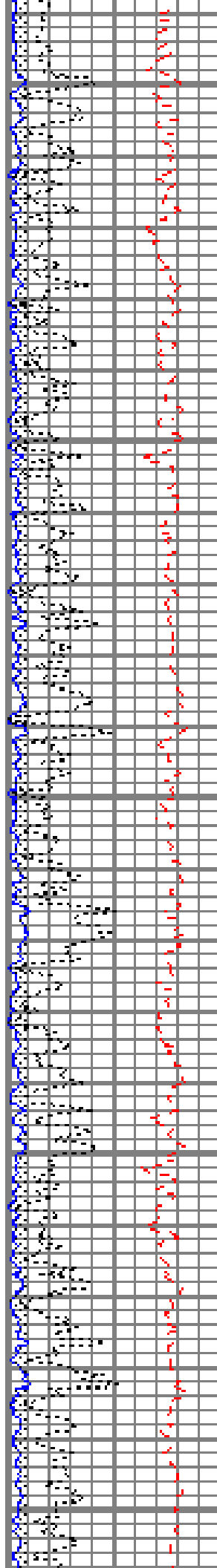
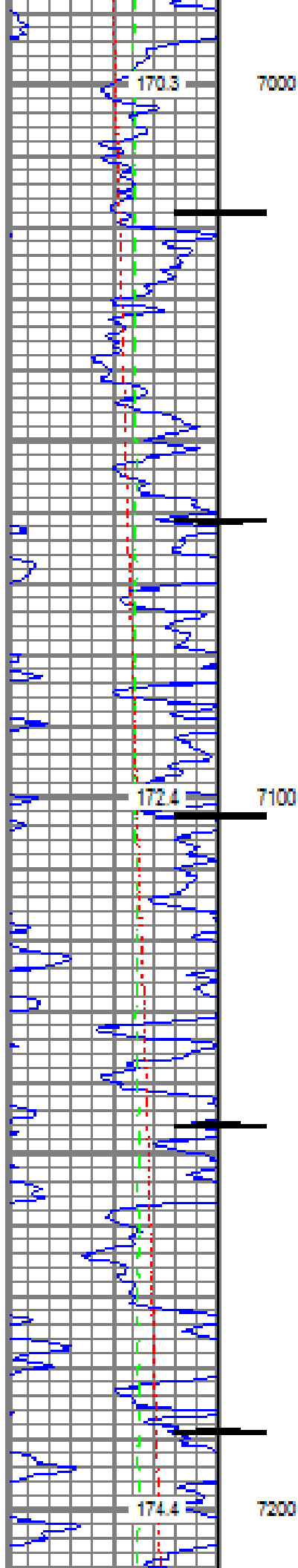


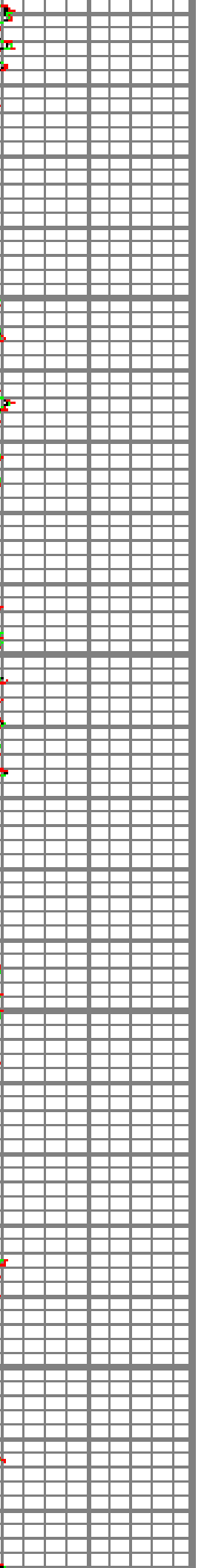
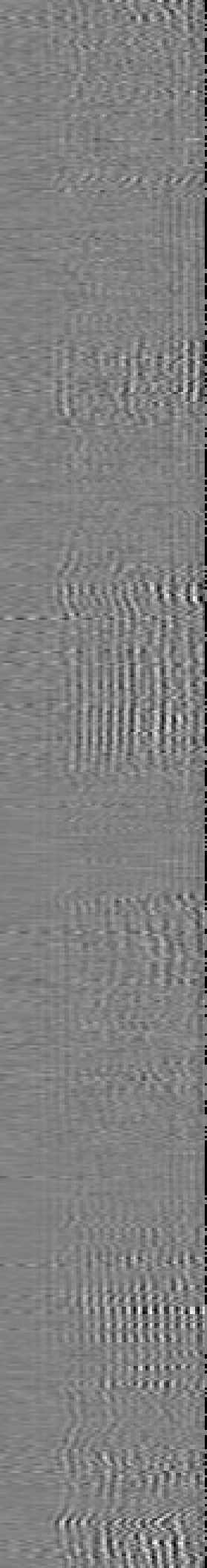
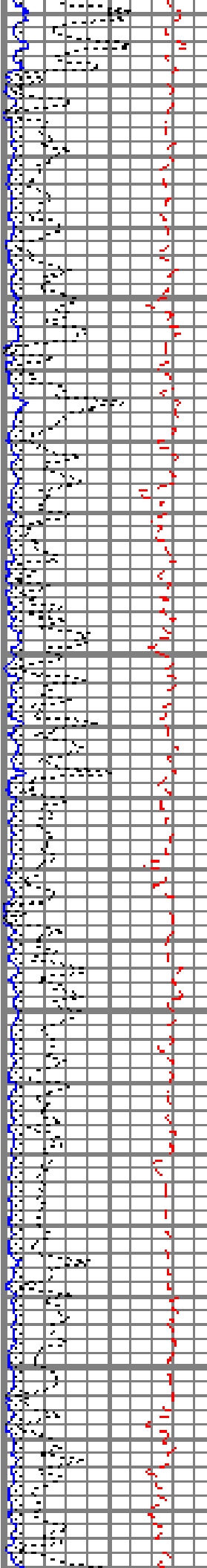
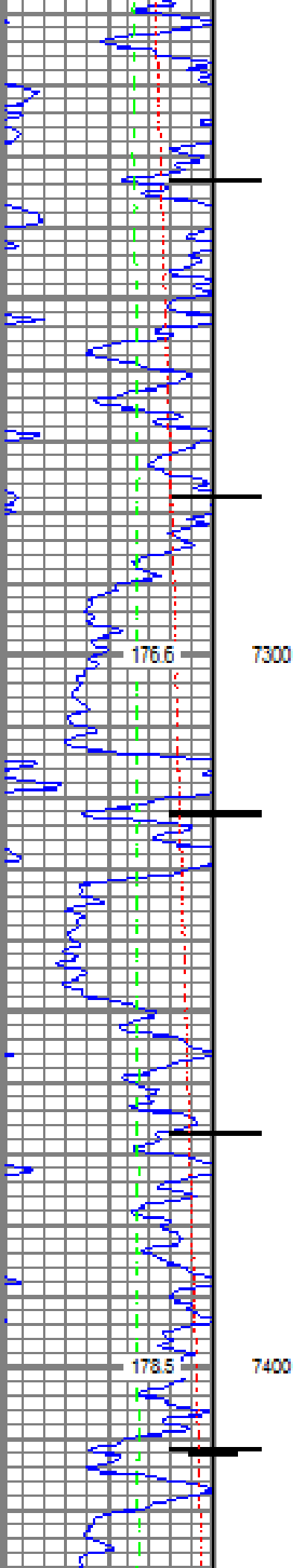


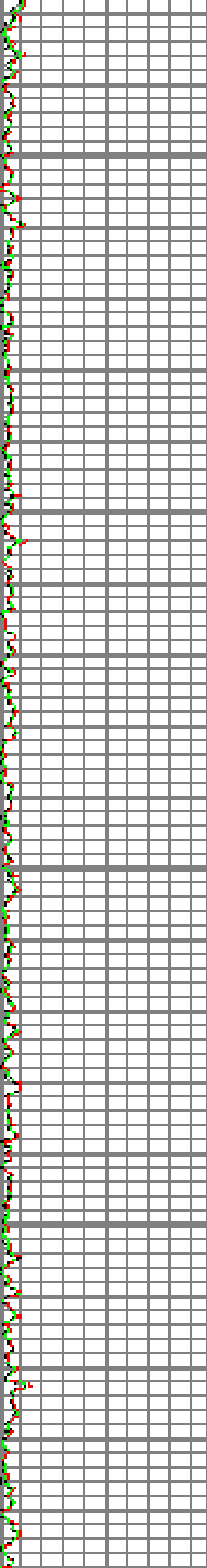
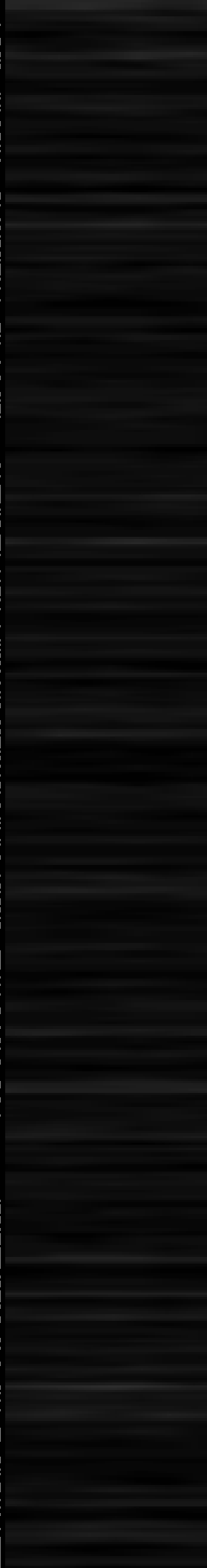
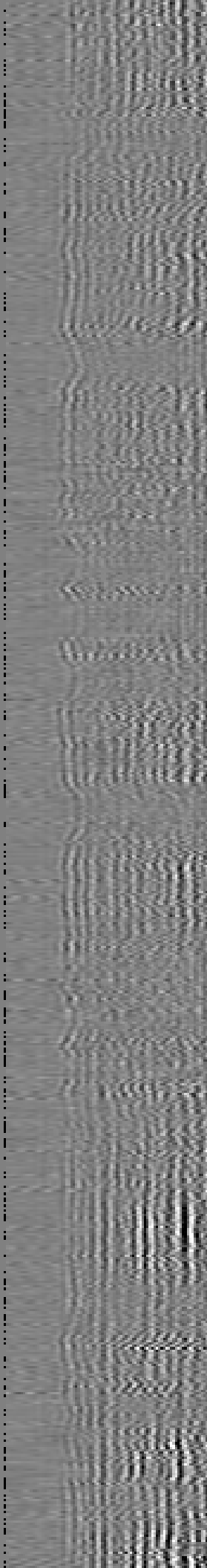
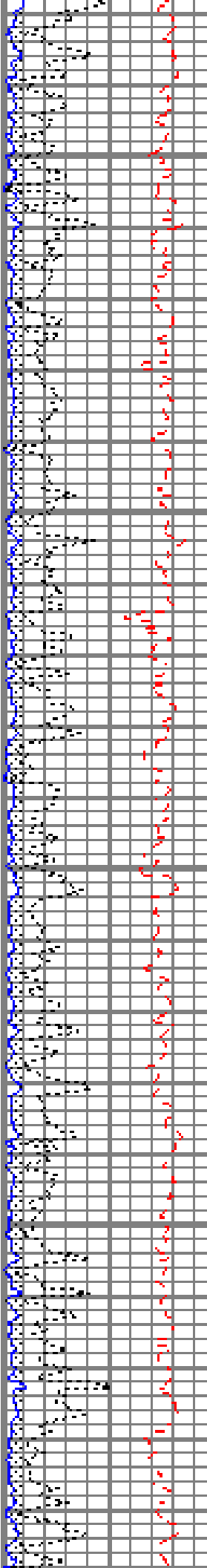
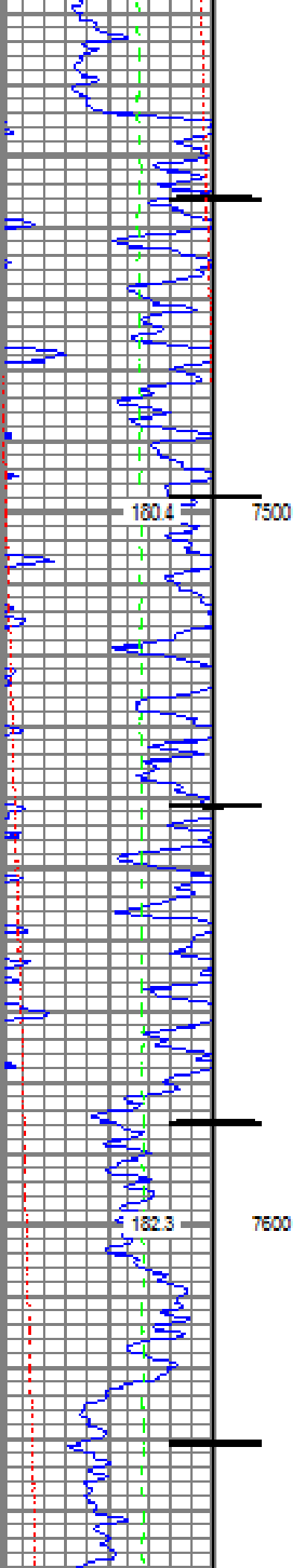


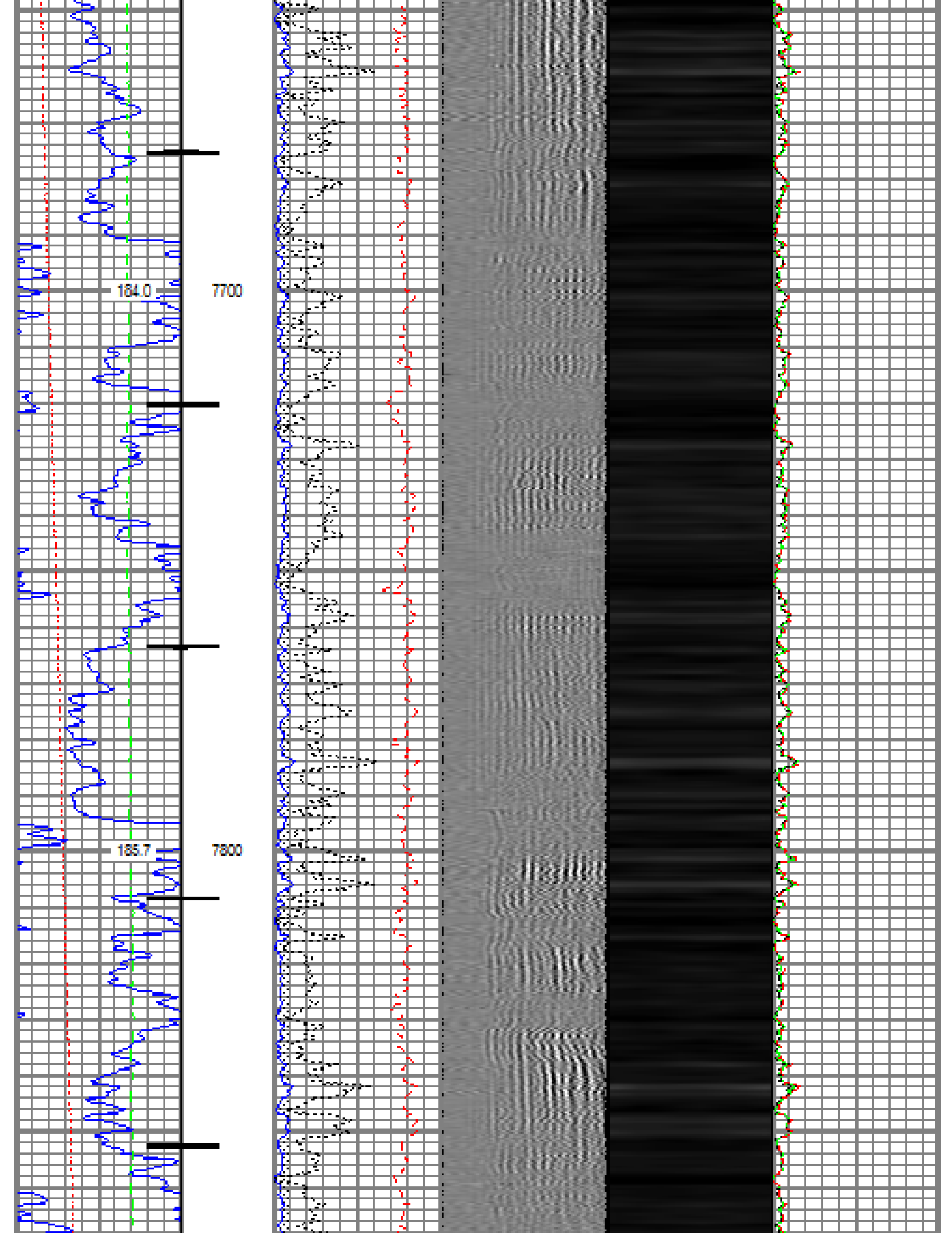


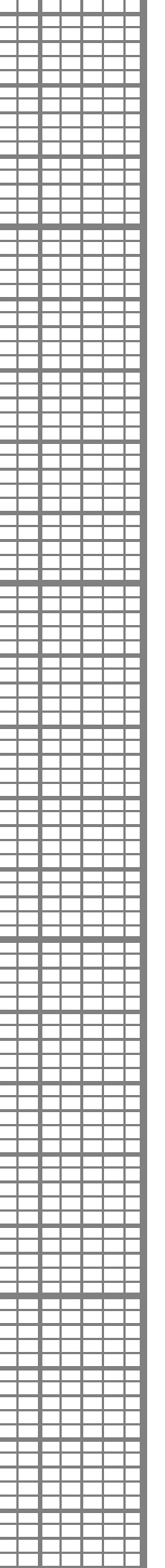
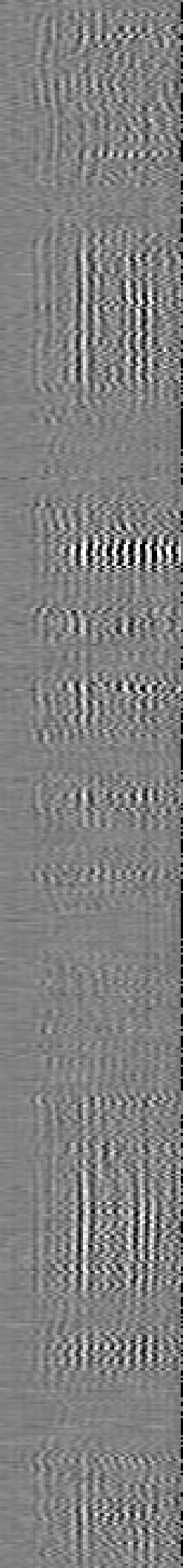
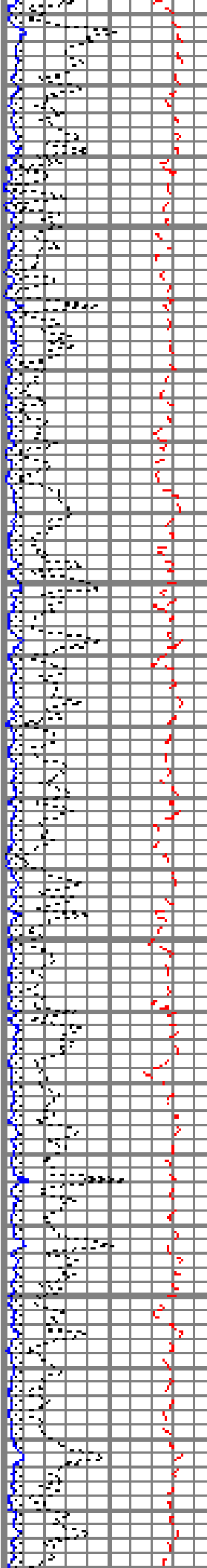
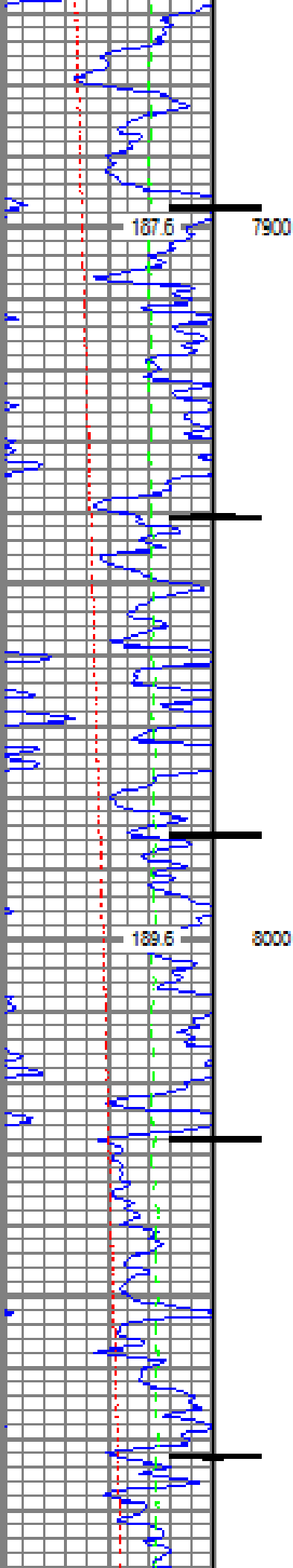


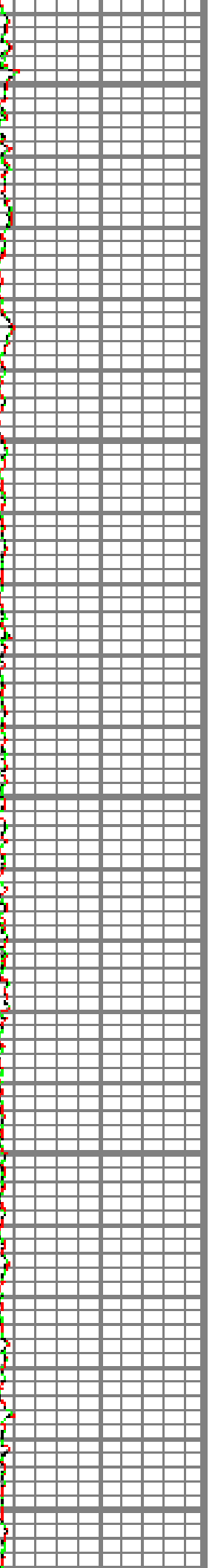
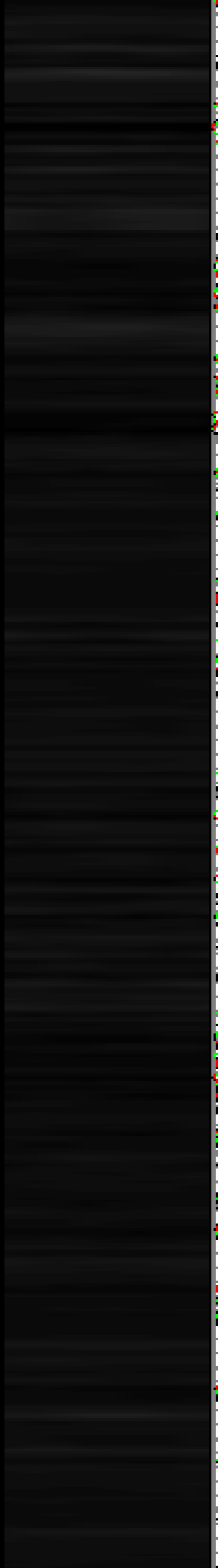
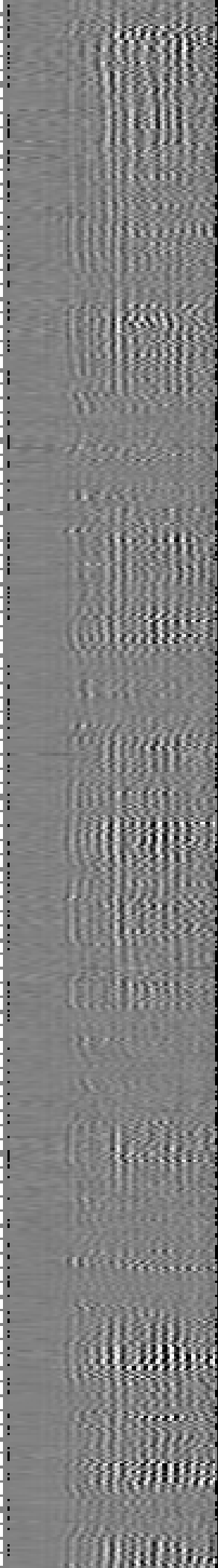
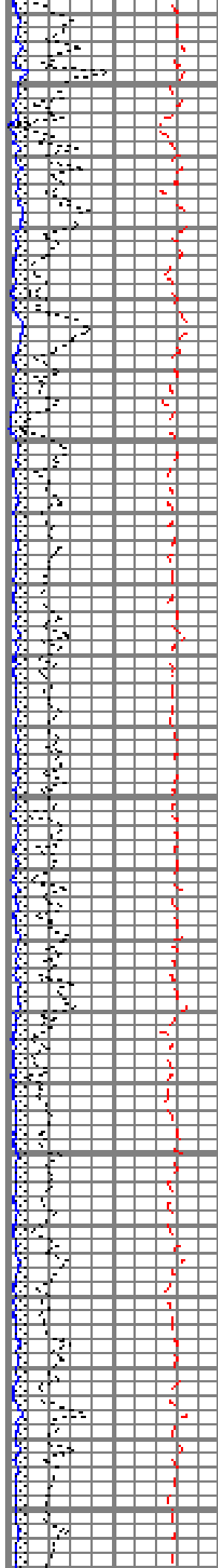
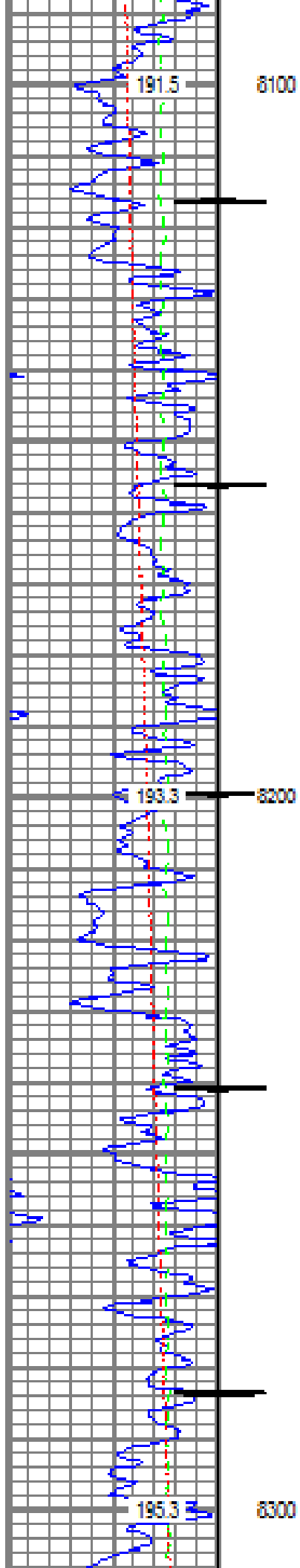


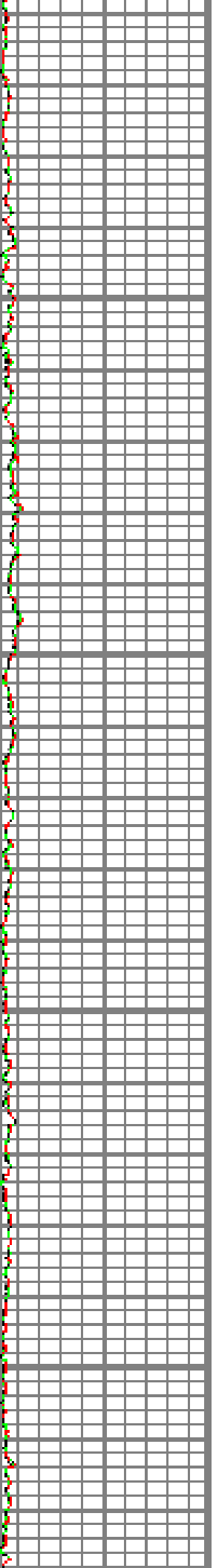
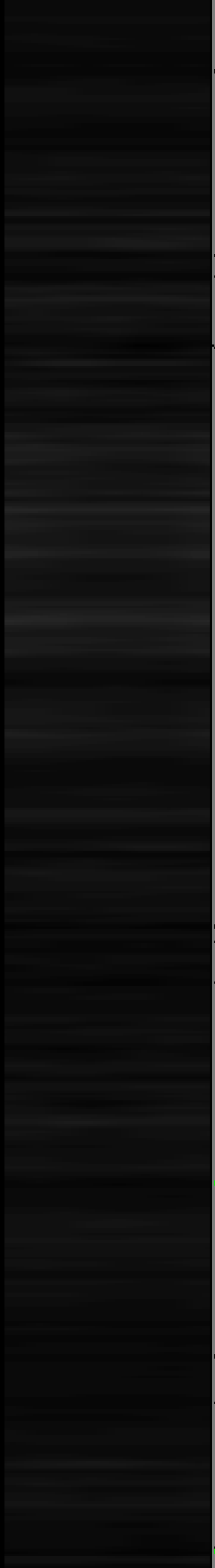
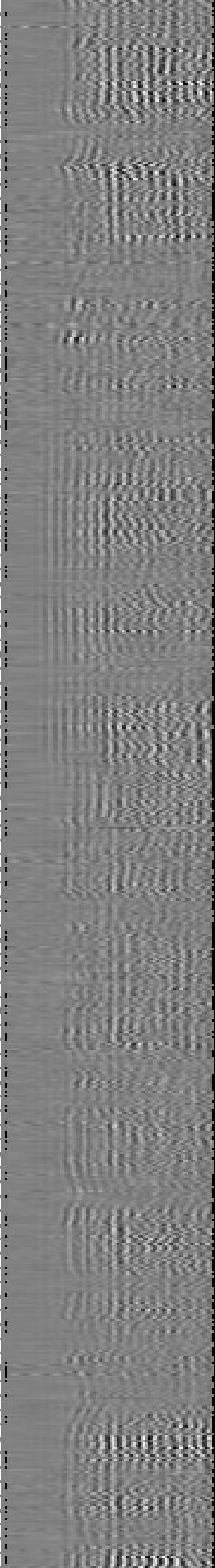
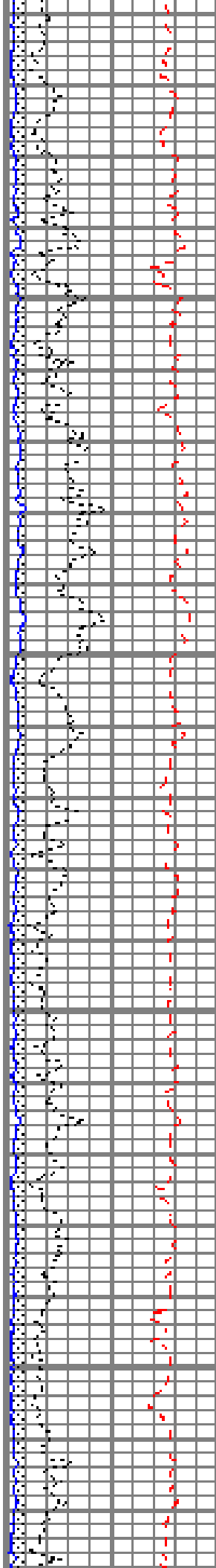
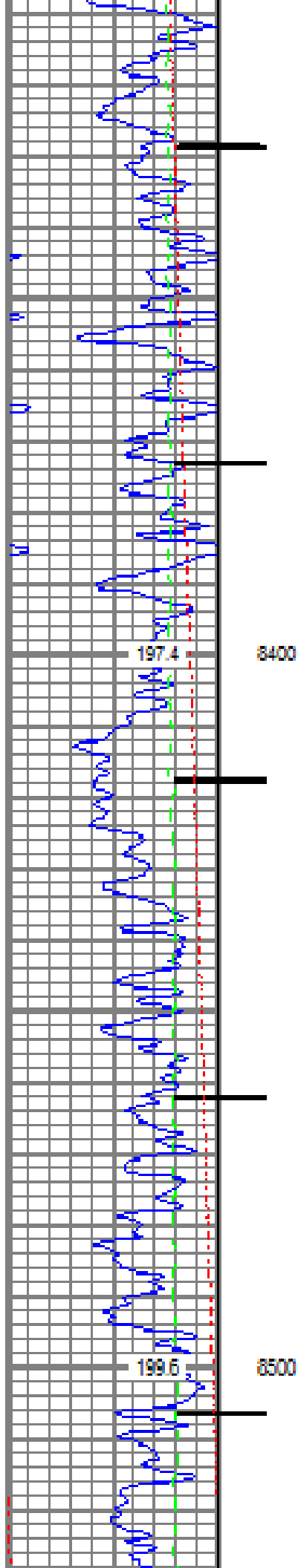


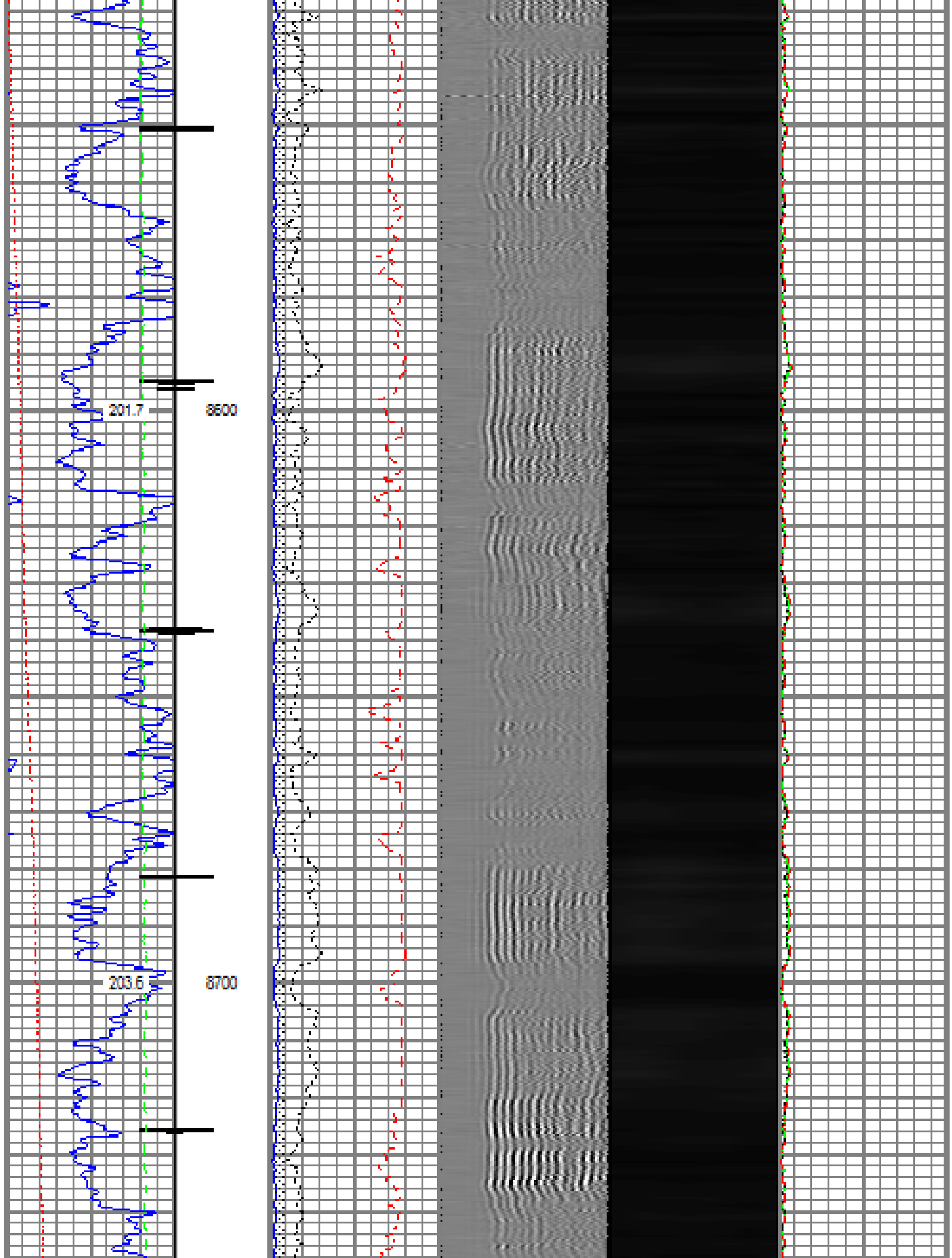


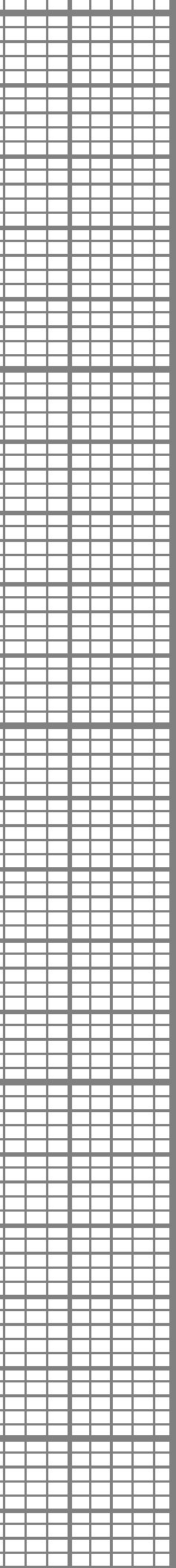
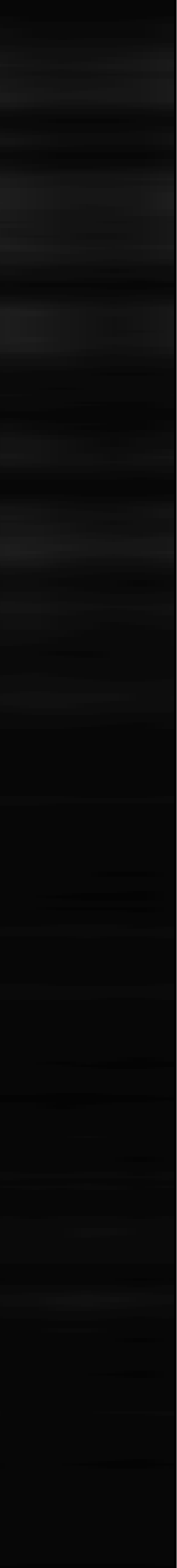
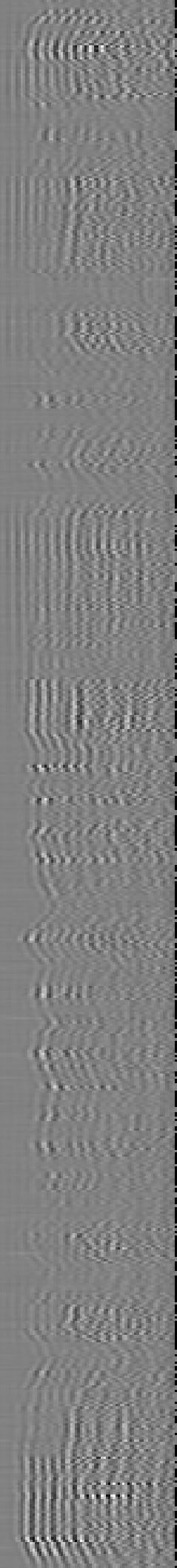
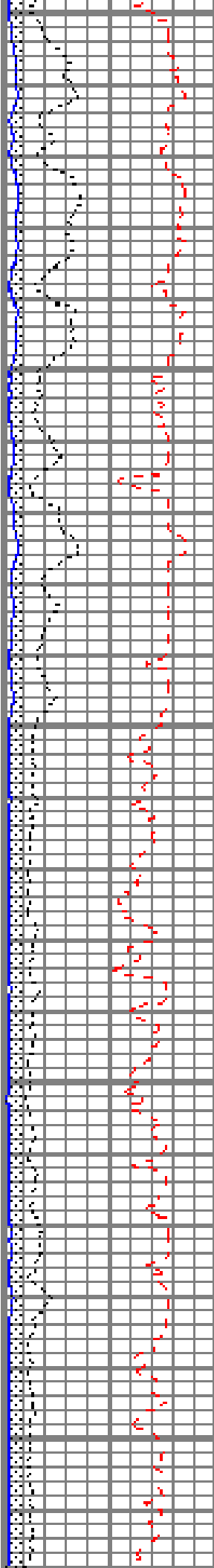
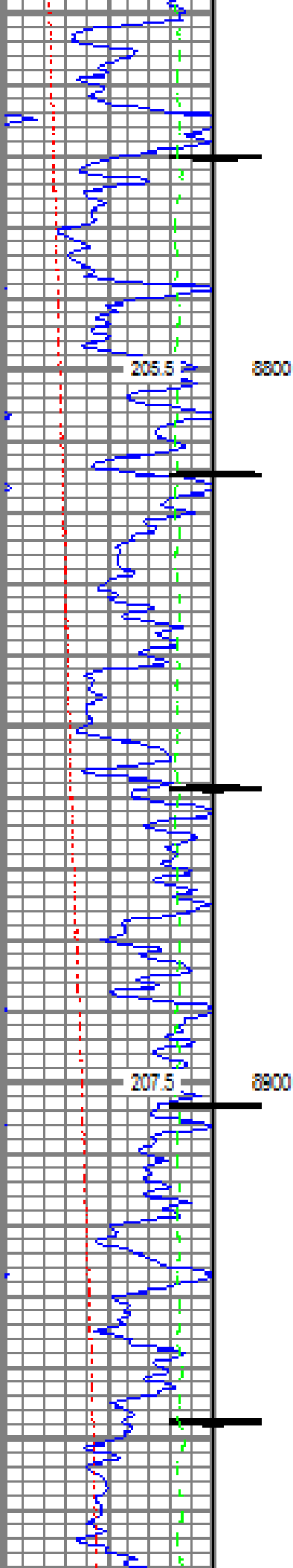


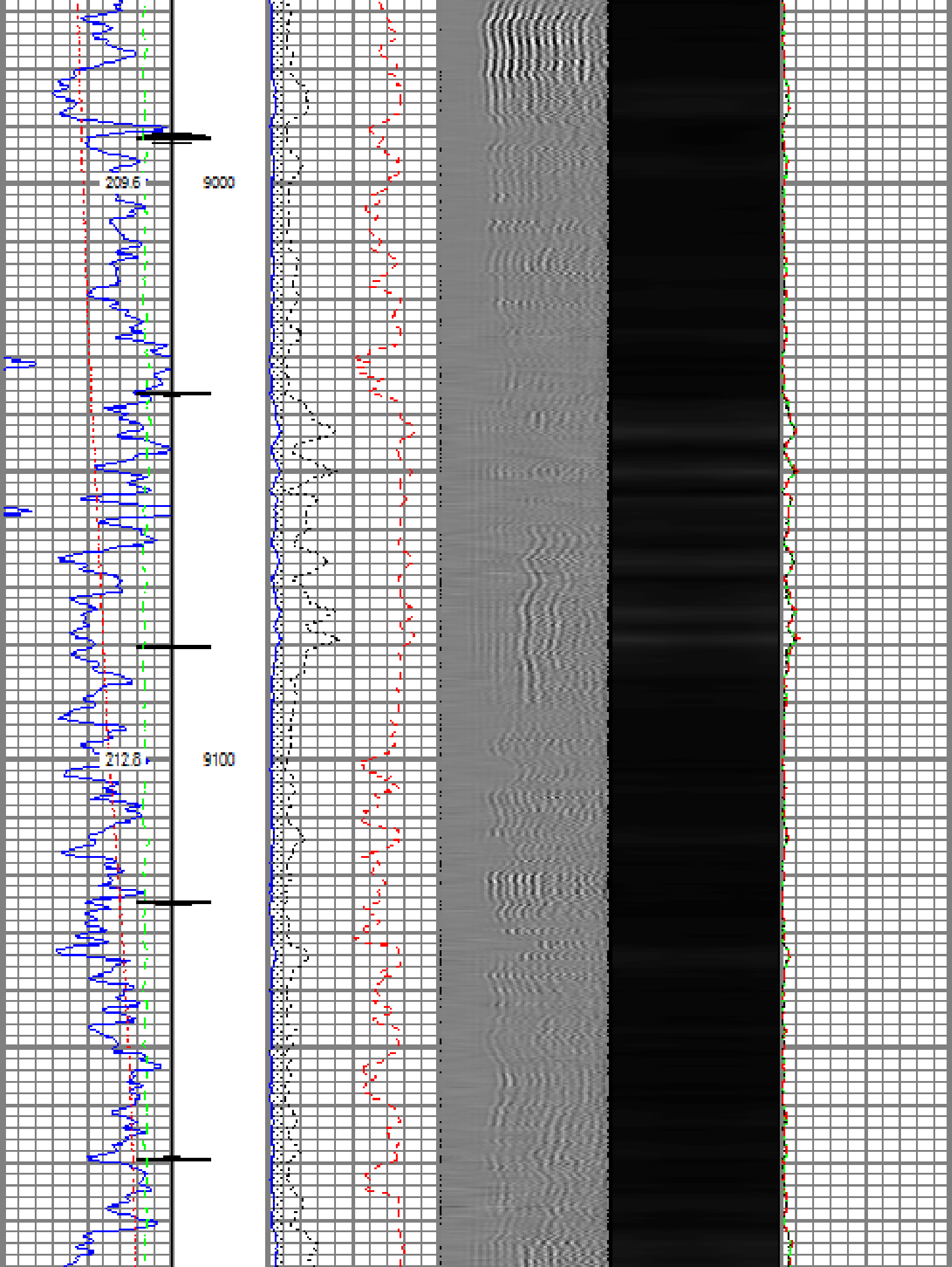


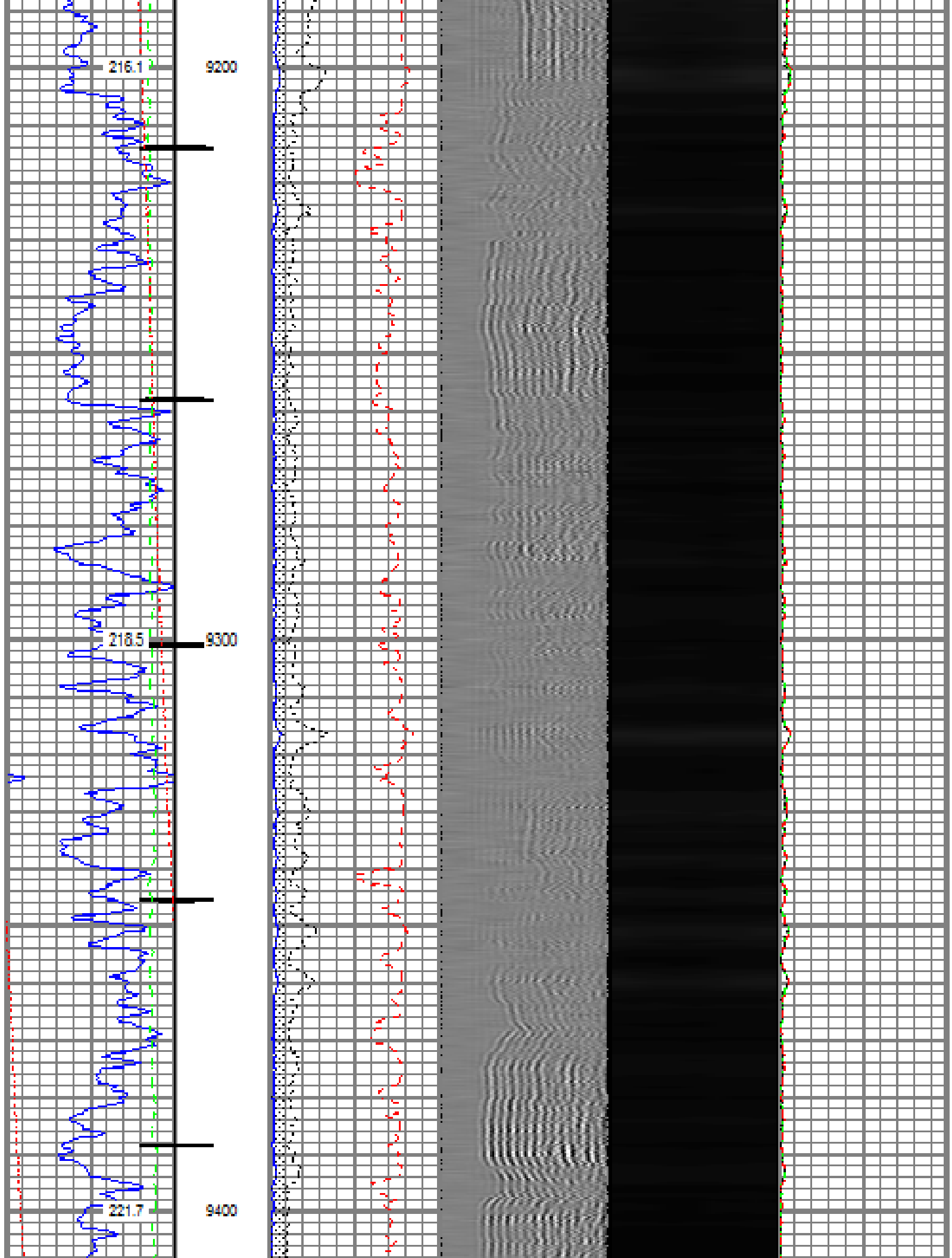


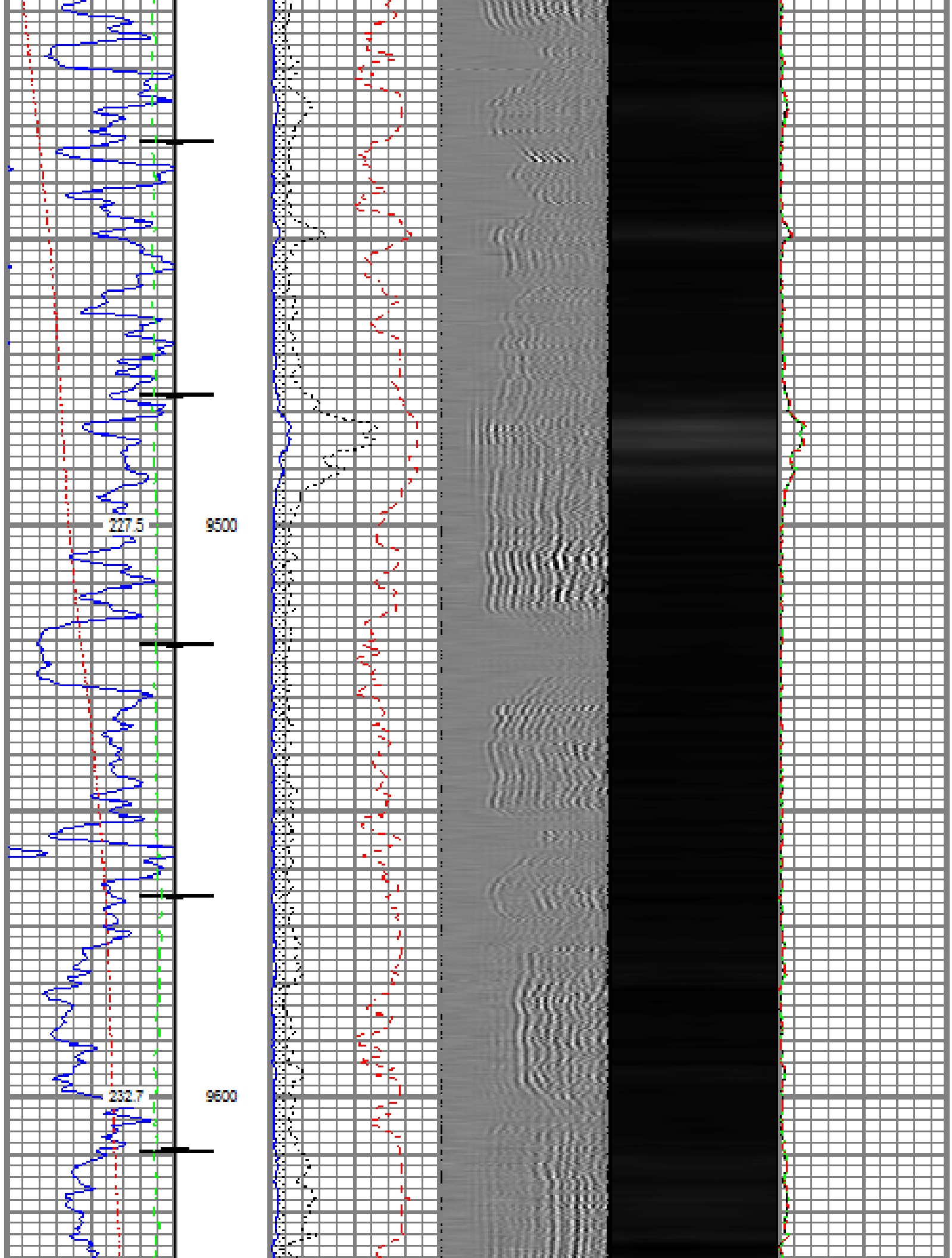


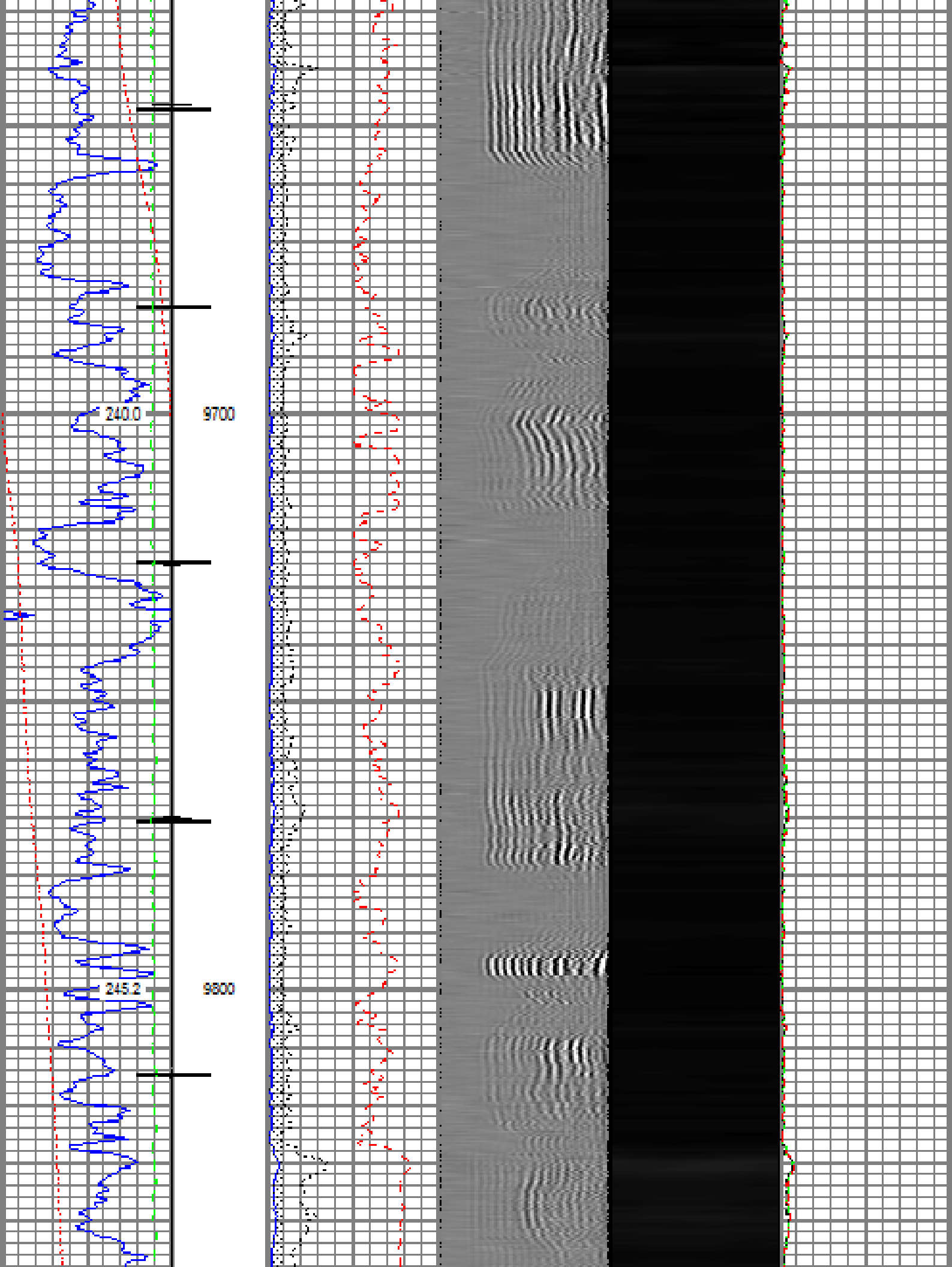


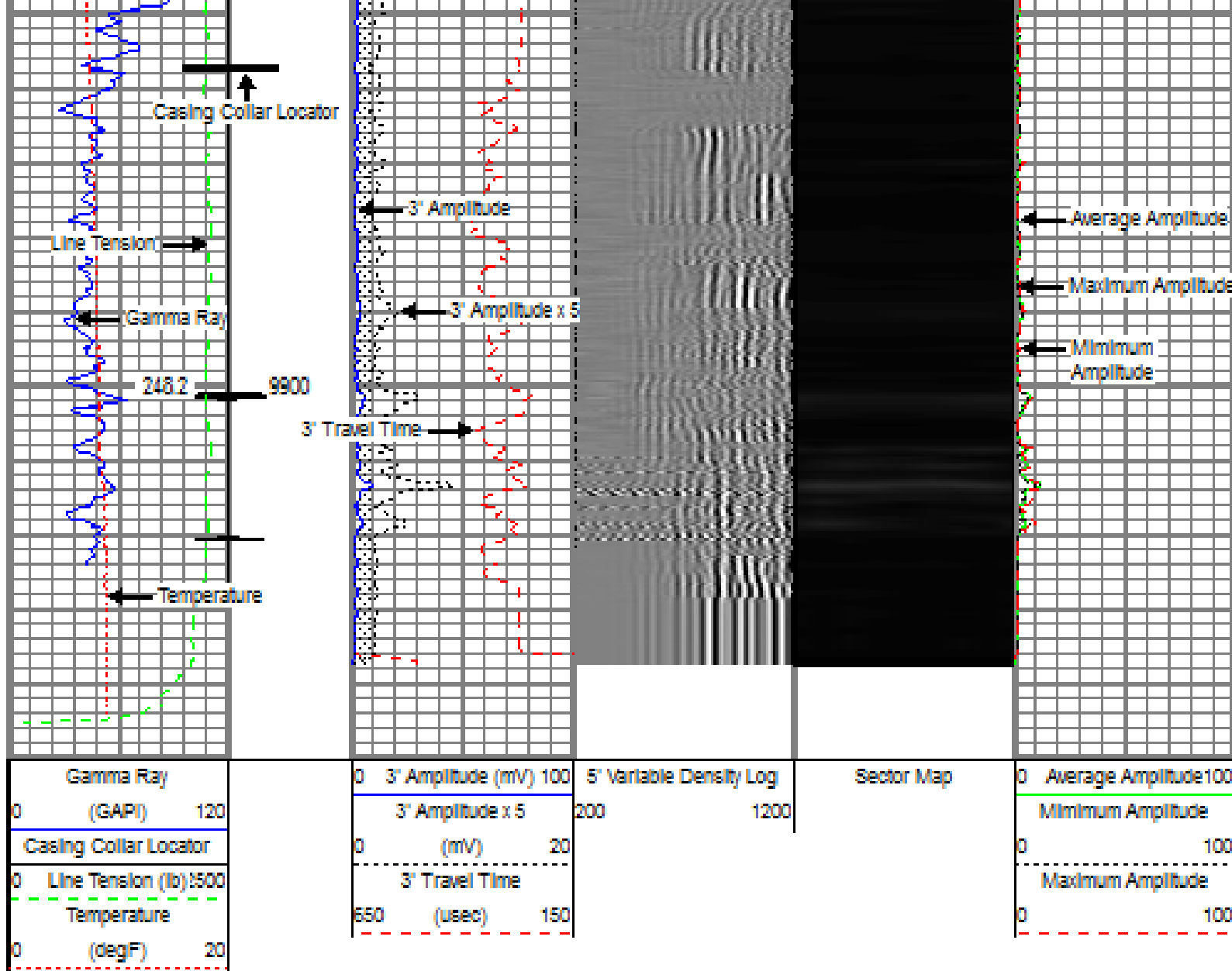








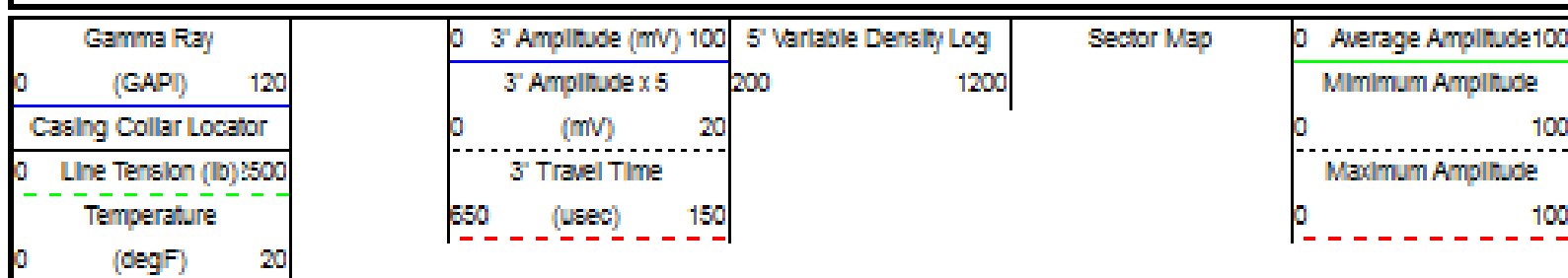


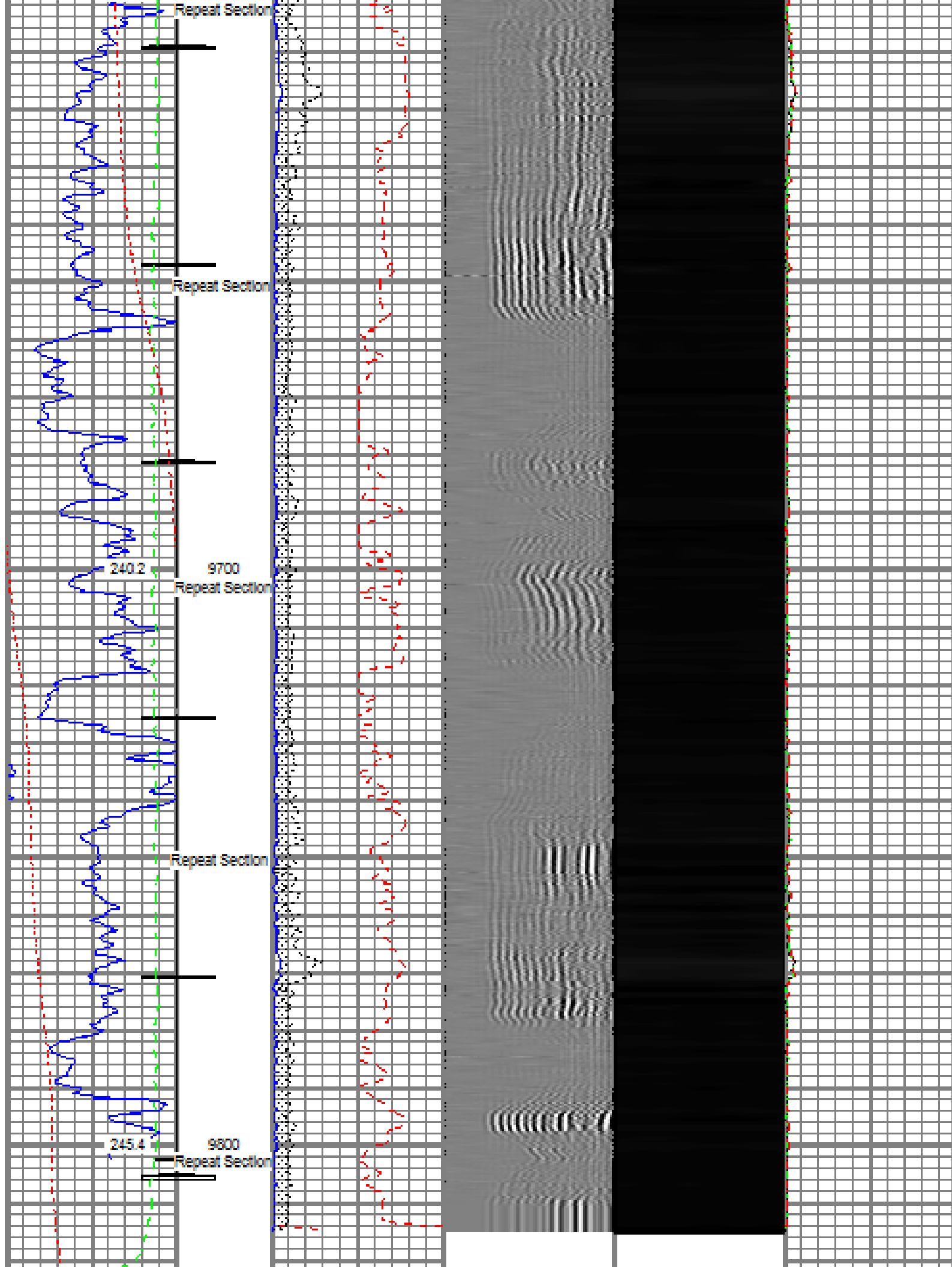


Repeat Pass

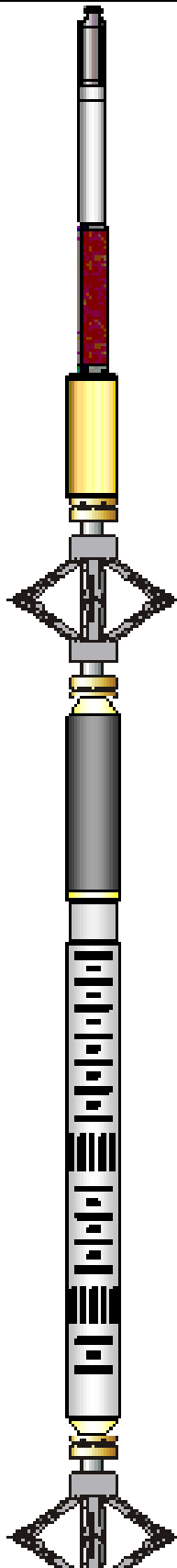
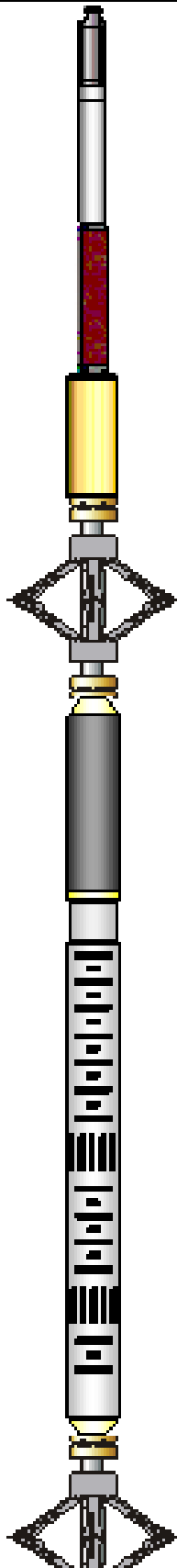
Recorded with -0- PSI Surface Induced Pressure.

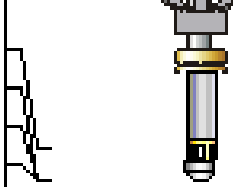

Database File: terra_youberg_ru 24-7.db
 Dataset Pathname: Repeat
 Presentation Format: ros_rbt004_sx
 Dataset Creation: Tue Feb 07 01:49:20 2017
 Charted by: Depth in Feet scaled 1:240





Gamma Ray	0	3' Amplitude (mV)	100	5' Variable Density Log	Sector Map	0	Average Amplitude	100
(GAPI)	120	3' Amplitude x 5	200	1200			Minimum Amplitude	
Casing Collar Locator	0	(mV)	20			0	100	
Line Tension (lb)	500	3' Travel Time					Maximum Amplitude	
Temperature	0	650 (used)	150			0	100	
(degF)	20							

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
GR	17.94		Titan_Electric_Cable_Heads-Titan_1-11/16" Electric Cable Head with 1" Fishing Neck	1.03	1.69	5.40
			UW_AGS-UW_AGS_001 (219135) Sondec Adapter - GCI Slot to Sondec Pin	0.21	1.69	1.00
			UW_XTU-UW_XTU_002 (211461) Crossover Ultrawire Toolbit to Ultralink	1.58	1.69	6.50
			UW_PGR-UW_PGR_020 (10019072) Production Gamma Ray	1.92	1.69	9.50
CCL	16.34		UW_CCL-UW_CCL_028 (10026417) 3-1/2" Ultrawire Casing Collar Locator	1.61	3.13	36.00
			DSS_RAC-RAC_5-Arm 5 Arm 2-3/4" Roller Centralizer	2.55	2.75	32.00
CBLROT	8.94					
CBLTEMP	8.94					
WVFS8	8.94					
WVFS7	8.94					
WVFS6	8.94					
WVFS5	8.94					
WVFS4	8.94					
WVFS3	8.94					
WVFS2	8.94					
WVFS1	8.94					
WVF3FT	8.94					
WVF5FT	7.94					
CBLTEMP	3.81					
			UW_RBT-UW_RBT_004 (10025161) Sondec Ultrawire 3-1/2" Radial Bond Tool	9.48	3.13	140.00
			DSS_RAC-RAC_5-Arm 5 Arm 2-3/4" Roller Centralizer	2.55	2.75	32.00

TEMP	0.37			UW_PRT-PRT_016 (10025093) Platinum Resistance Thermometer	1.04	1.69	5.20
HVOLTX	0.00			UW_BUL-UW_BUL_006 (031422) Sondex Ultrasonic Bulbous Terminator	0.22	1.69	1.20
ITEMPX	0.00						
TSTAMP	0.00						
Dataset: terra_youberg_ru 24-7.db: field/well/run1/Main Total length: 22.19 ft Total weight: 268.80 lb O.D.: 3.13 in							



RELIANCE
 DRILLING SERVICES

Company	TEP ROCKY MOUNTAIN LLC
Well	YOUBERG RU 24-7
Field	Rulison
County	Garfield
State	Colorado