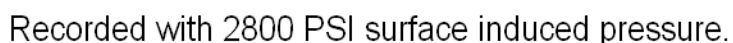




<<< Fold Here >>>
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible 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.
Comments
Log ran as per Customer Request. Depth reference to Kelly Bushing. Log ran from as deep as possible to surface. Log ran with 2800 PSI surface induced pressure. Adjusted -9 FT to adjust to KB. Logging Tools were clean. Thank you for Choosing FMC Technologies Completion Services, Inc.!!



Database File:processed_0512340622_anadarko_greenleaf 29c-2hz_02-24-15_mit_rbl.db

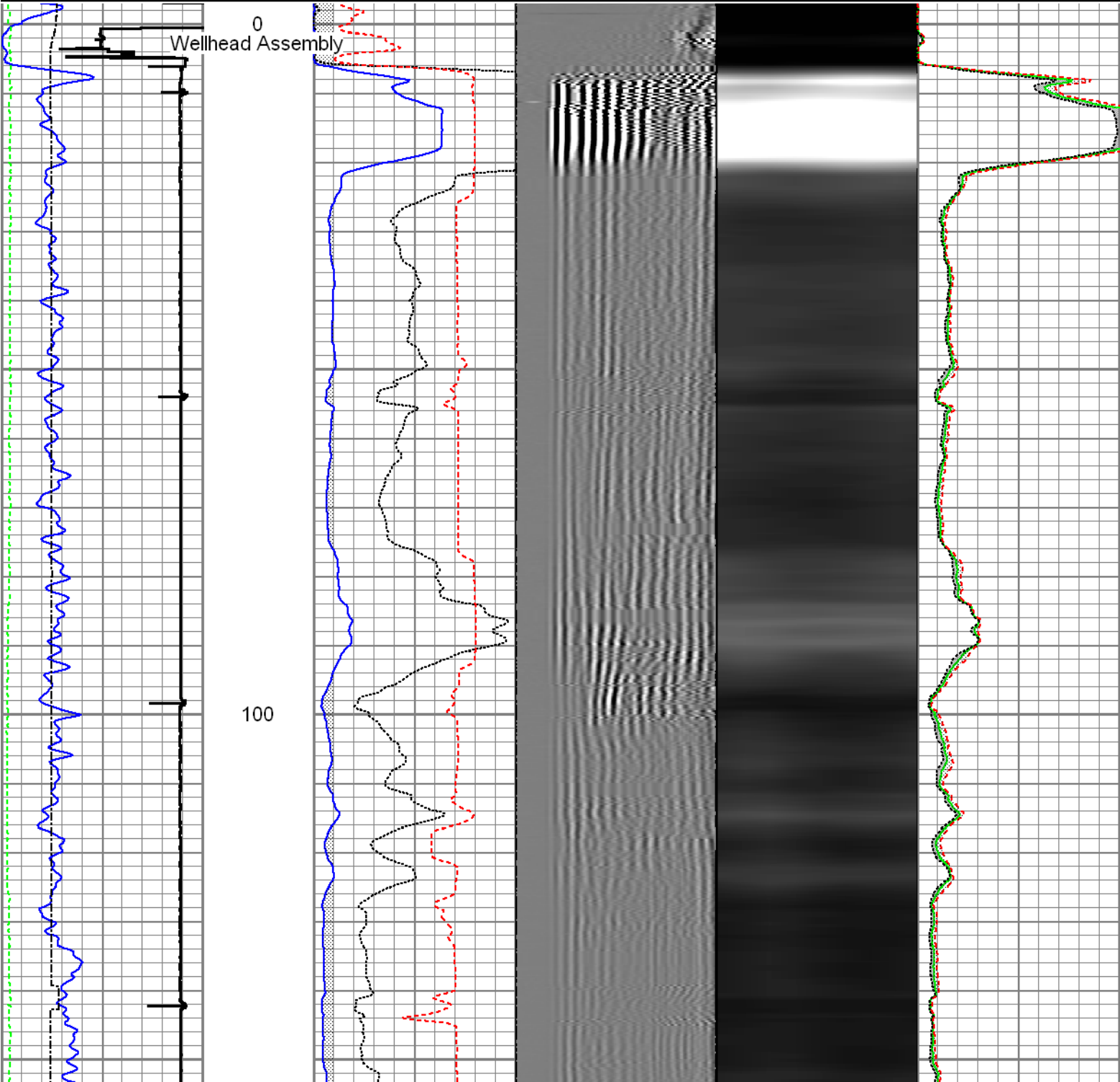
Dataset Pathname:pass7

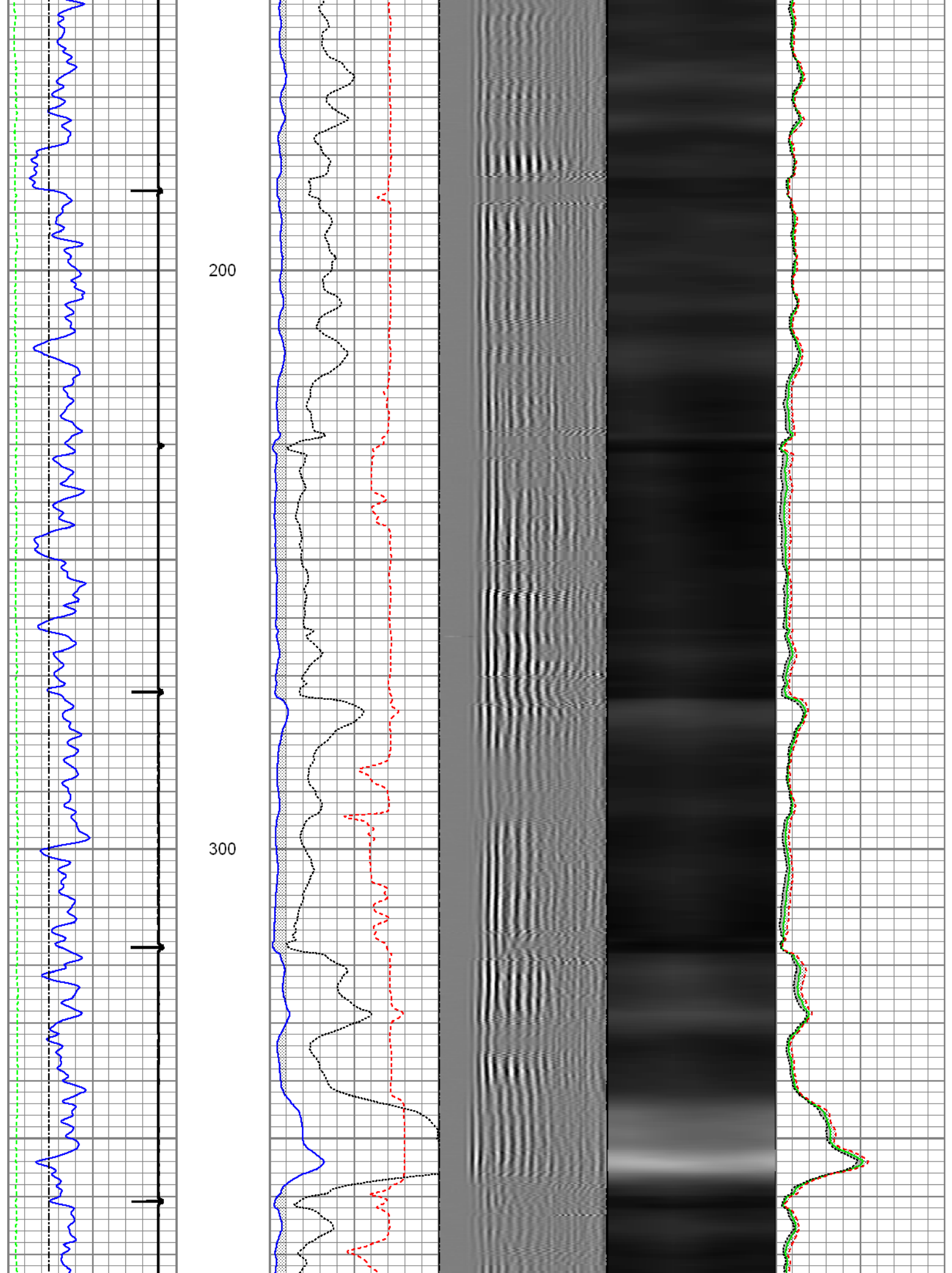
Presentation Format:rbt4_mit

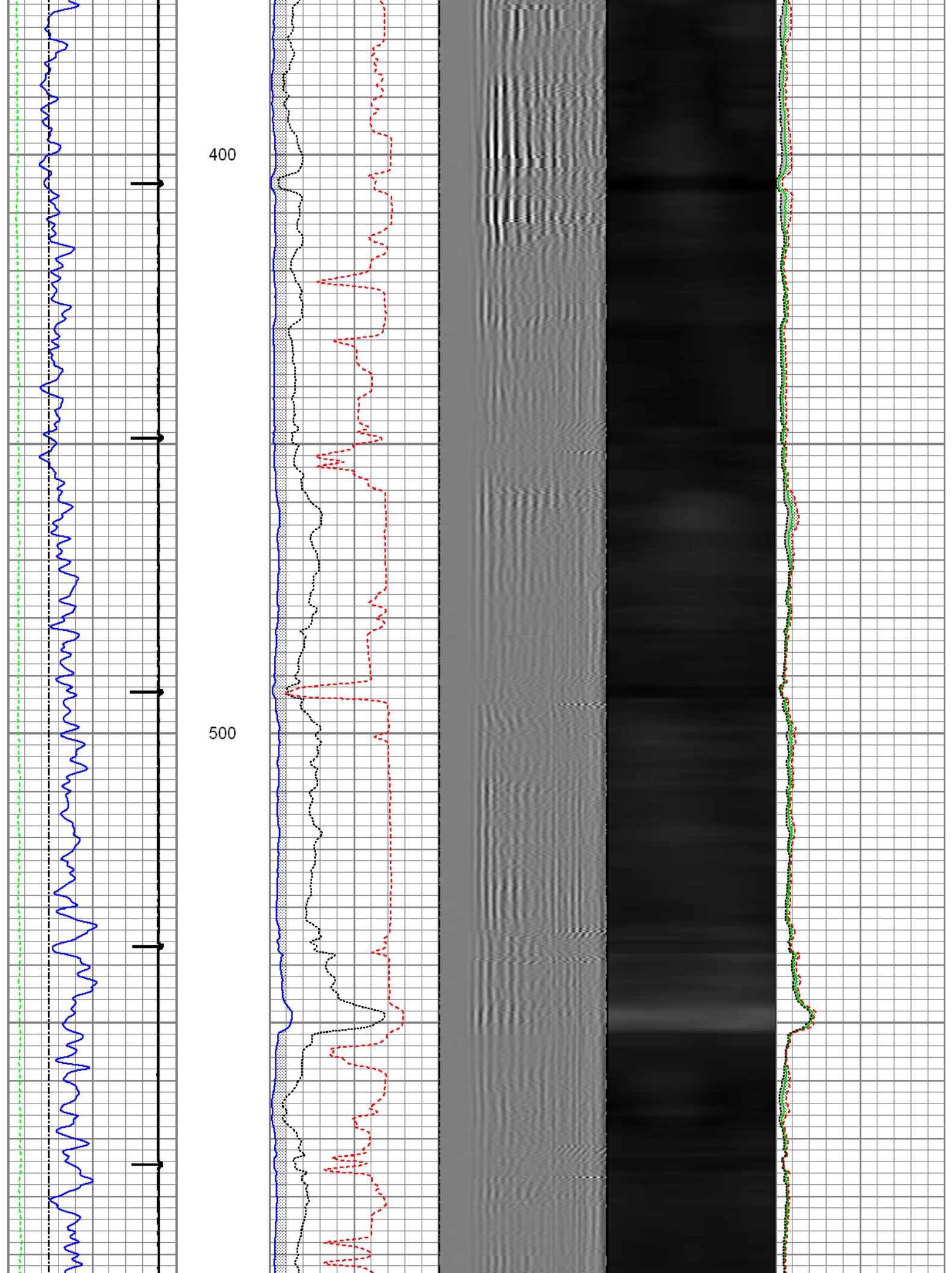
Dataset Creation:Tue Feb 24 11:57:46 2015 by Log 7.0 B1

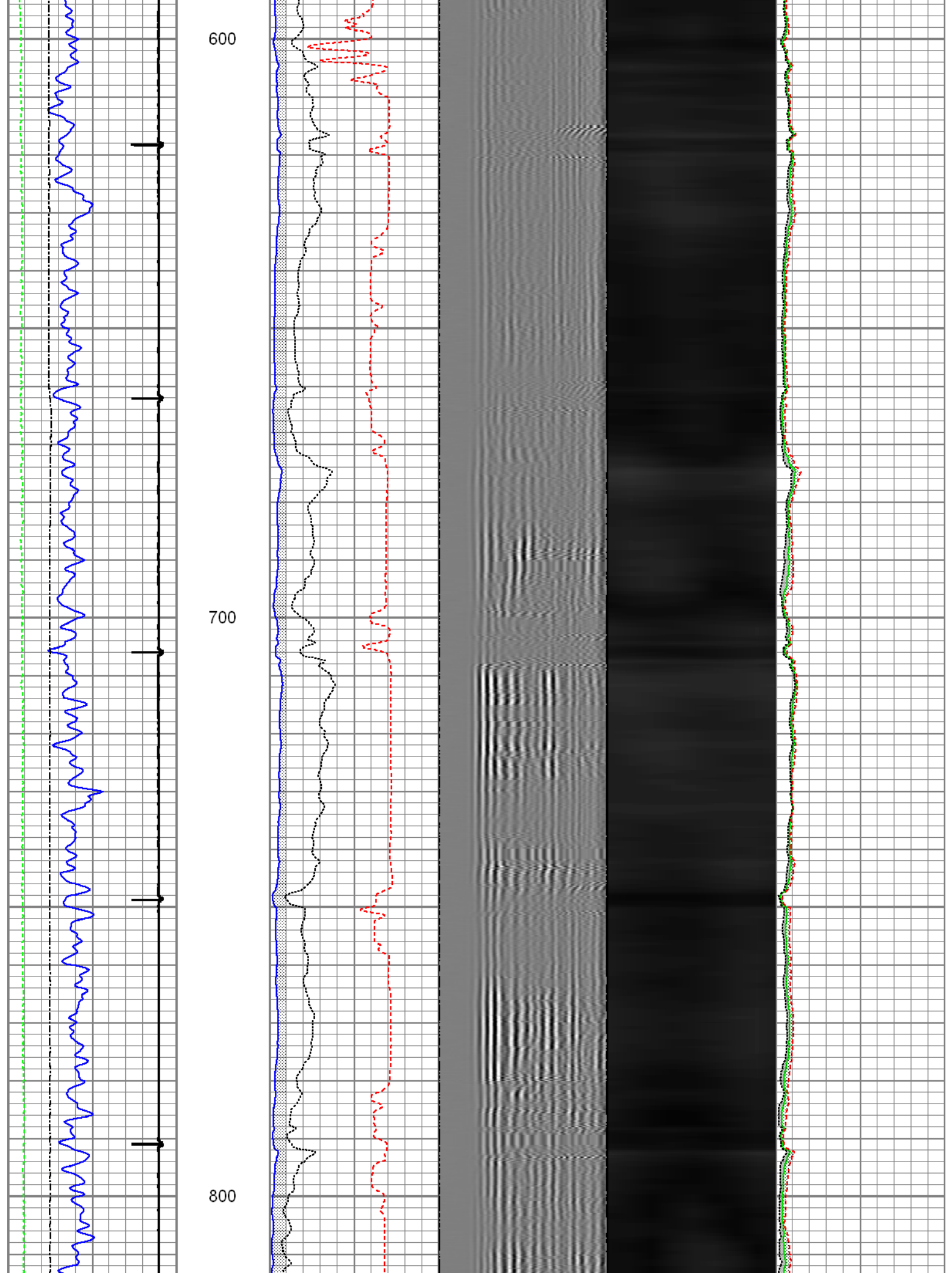
Charted by:Depth in Feet scaled 1:240

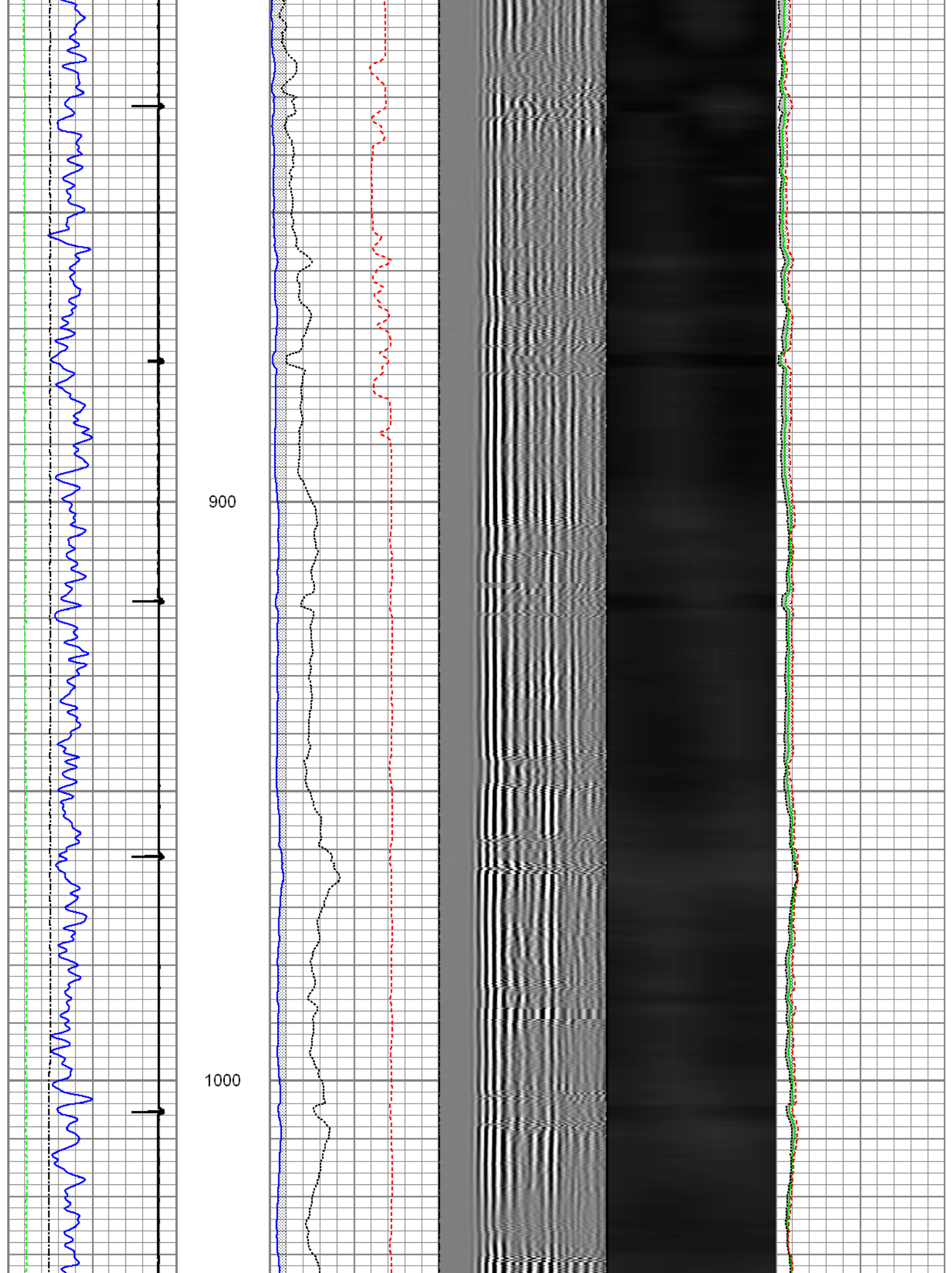
Gamma Ray	3' Amplitude	5' Variable Density Log	Sector Map	Average Amplitude
0 (GAPI) 120	0 (mV) 100	200 1200		0 100
Line Speed	3' Amplitude x 5			Mimimum Amplitude
-100 (ft/min) 100	0 (mV) 20			0 100
Line Tension	3' Travel Time			Maximum Amplitude
0 (lb) 2000	650 (usec) 150			0 100
Casing Collar Locator				

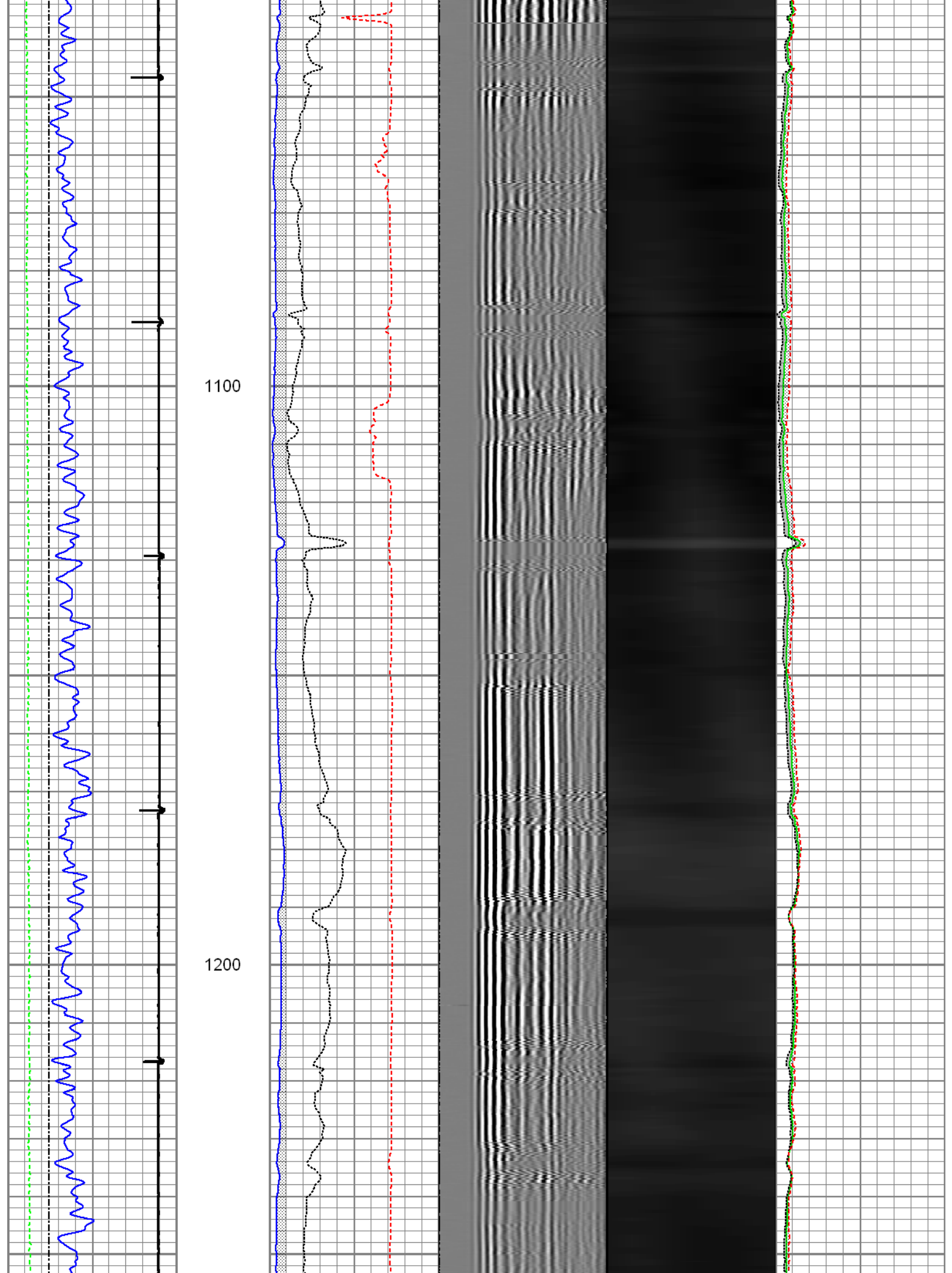


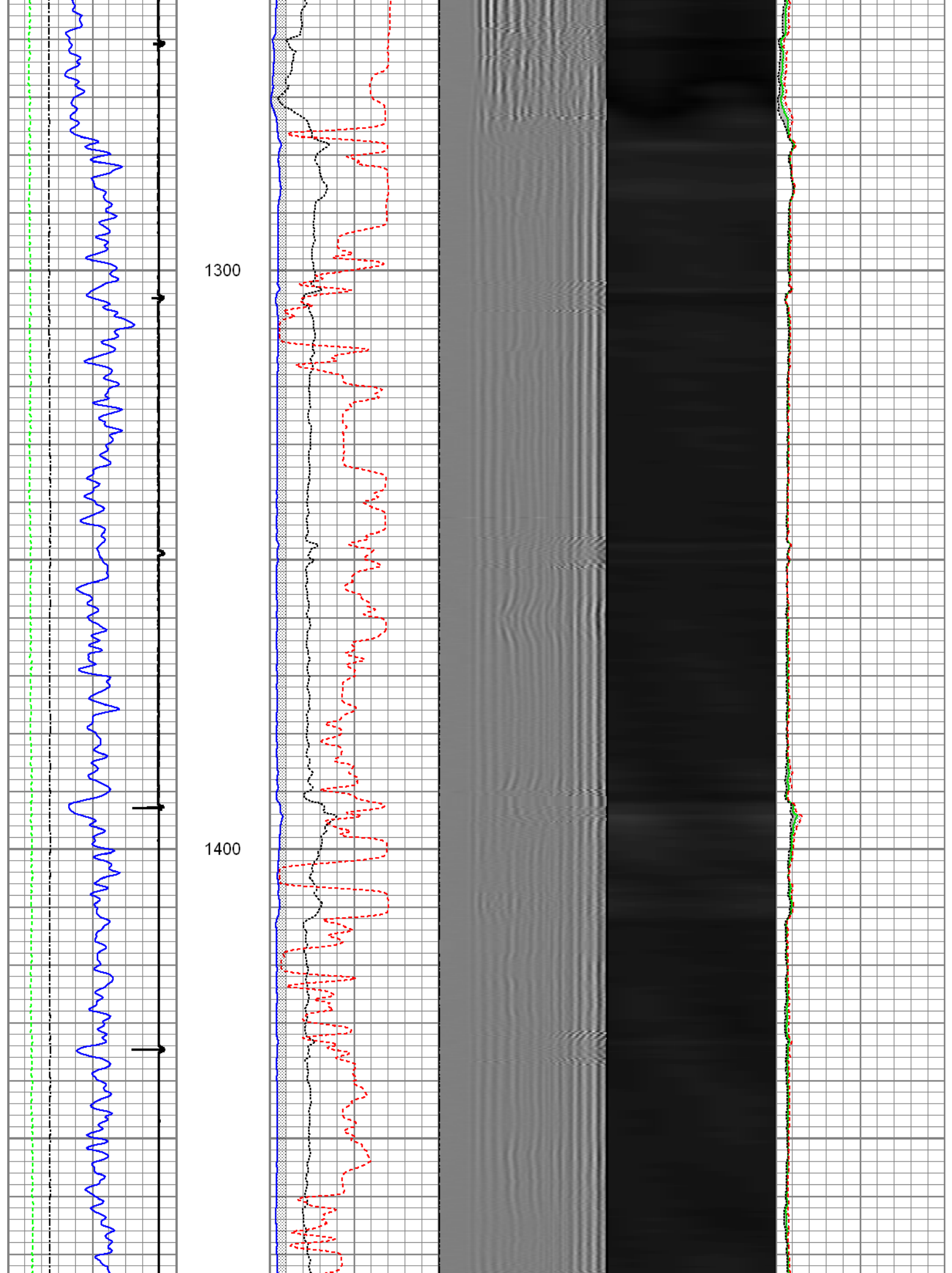


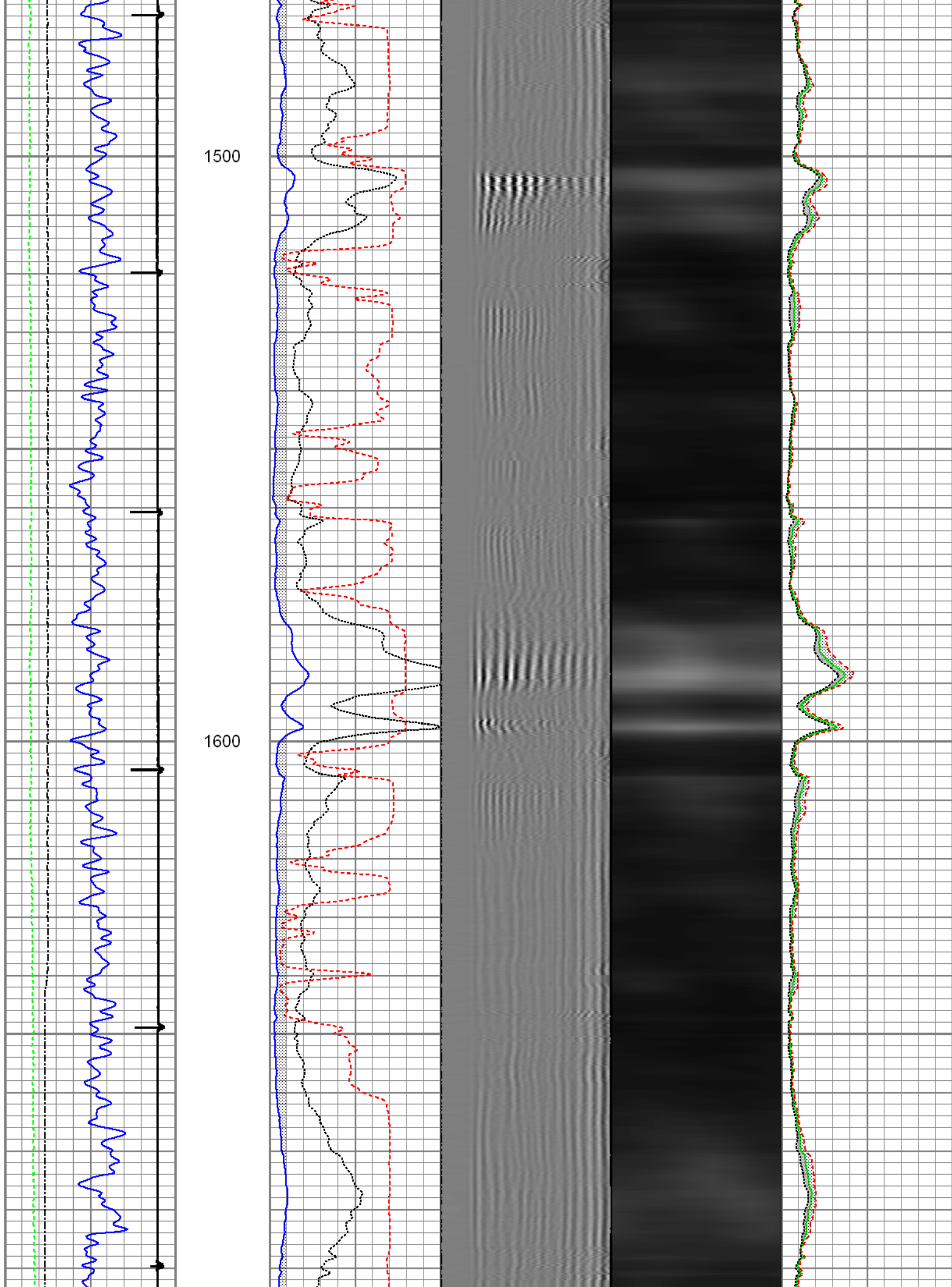


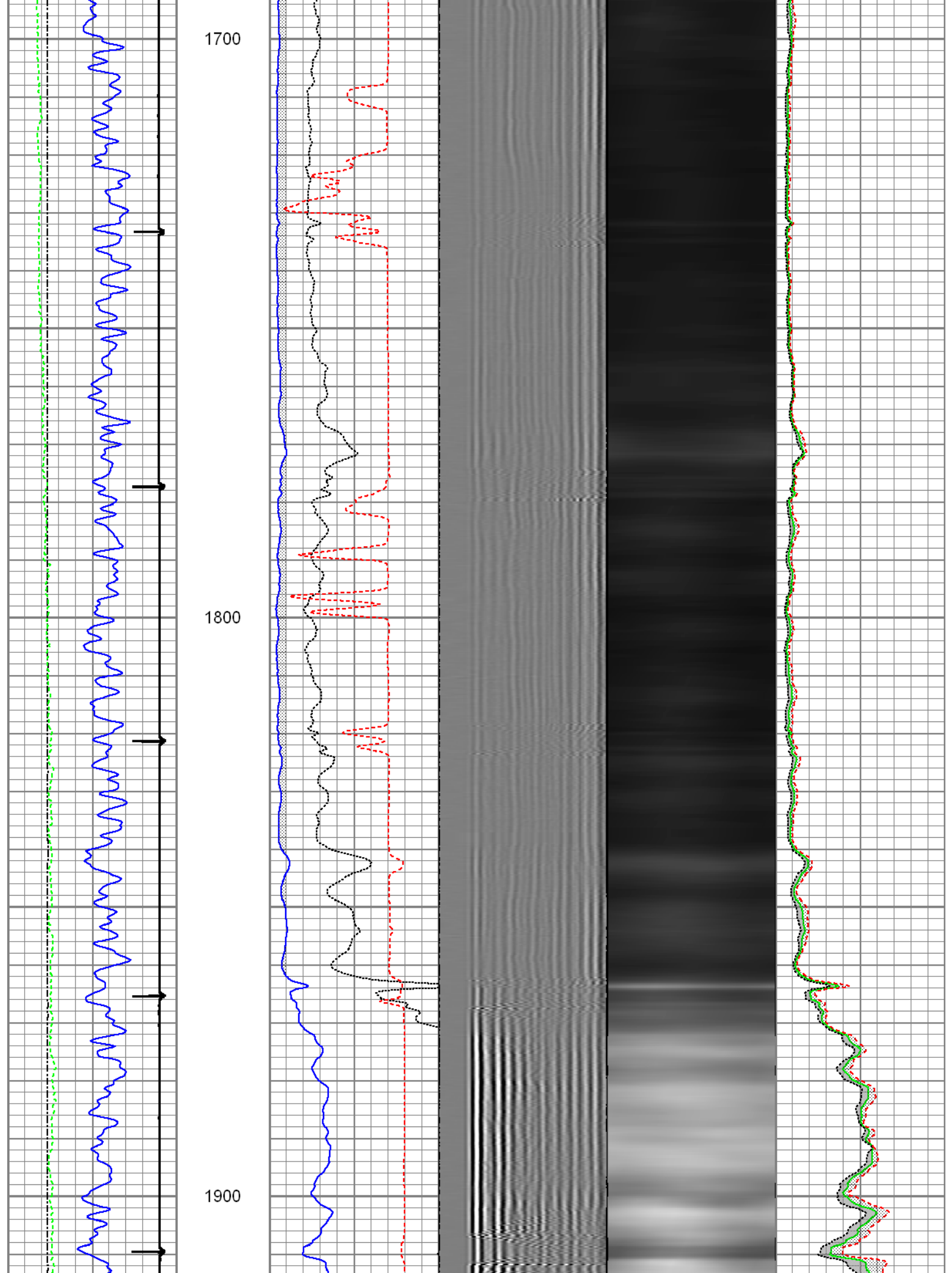


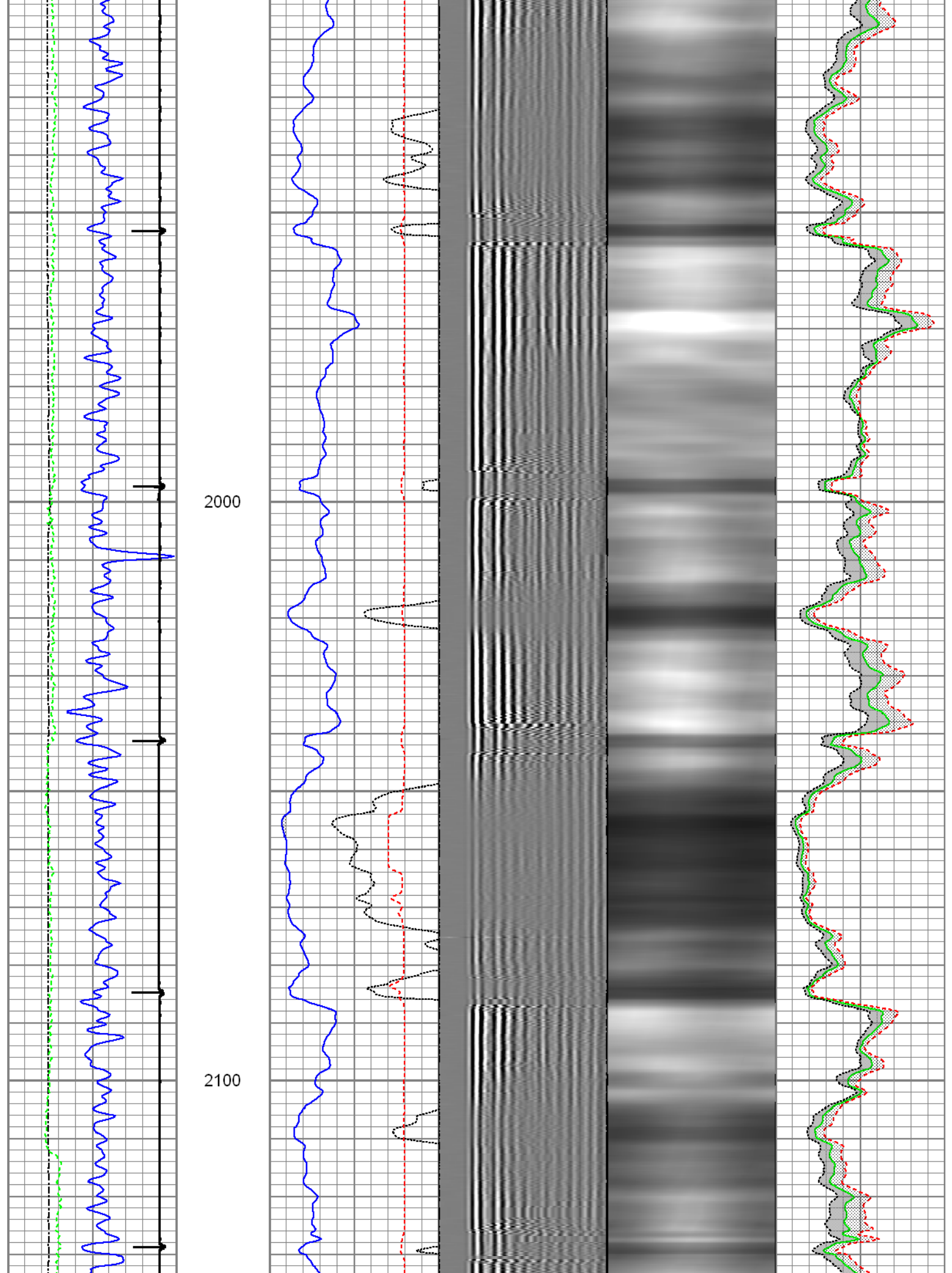


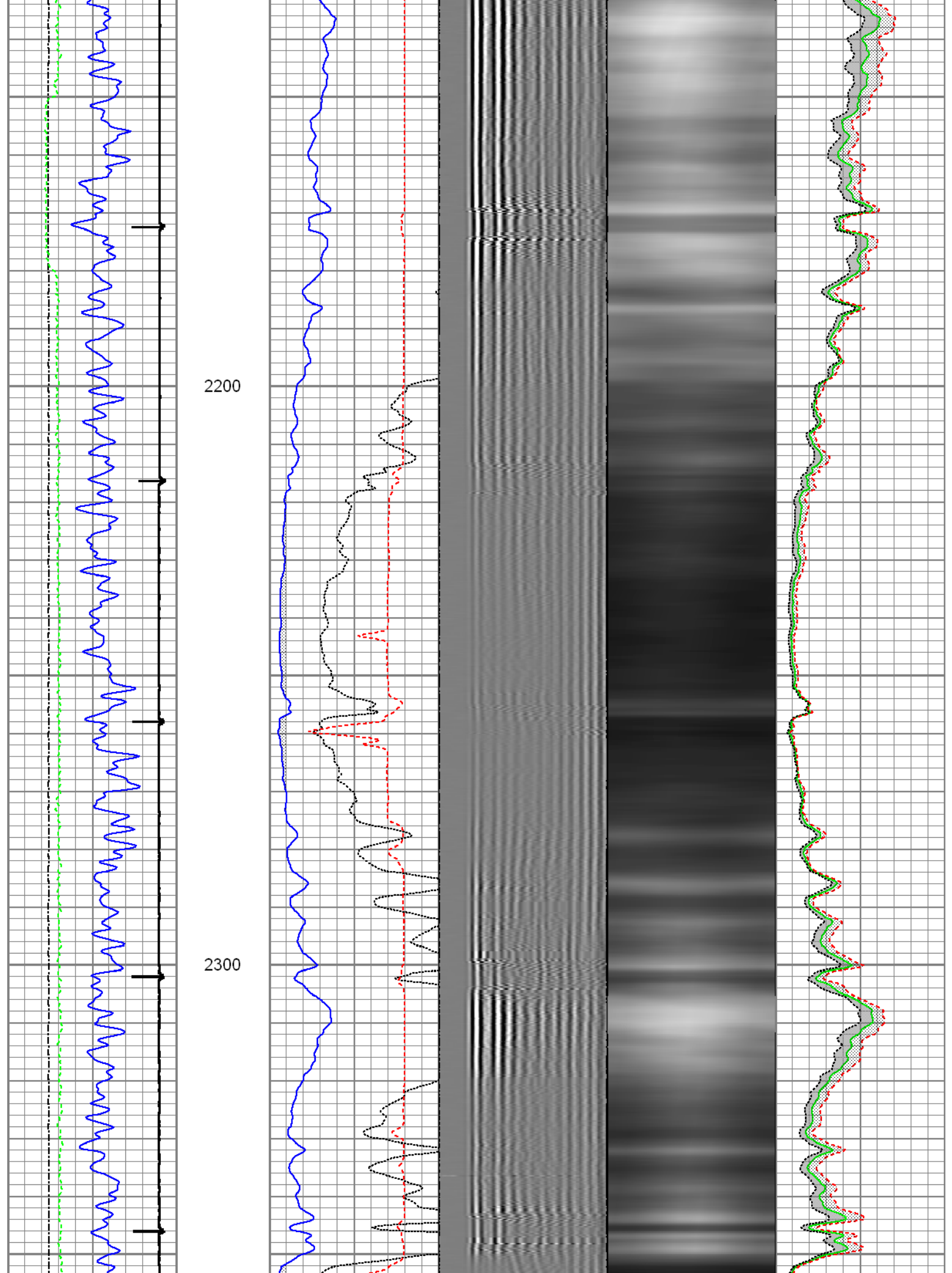


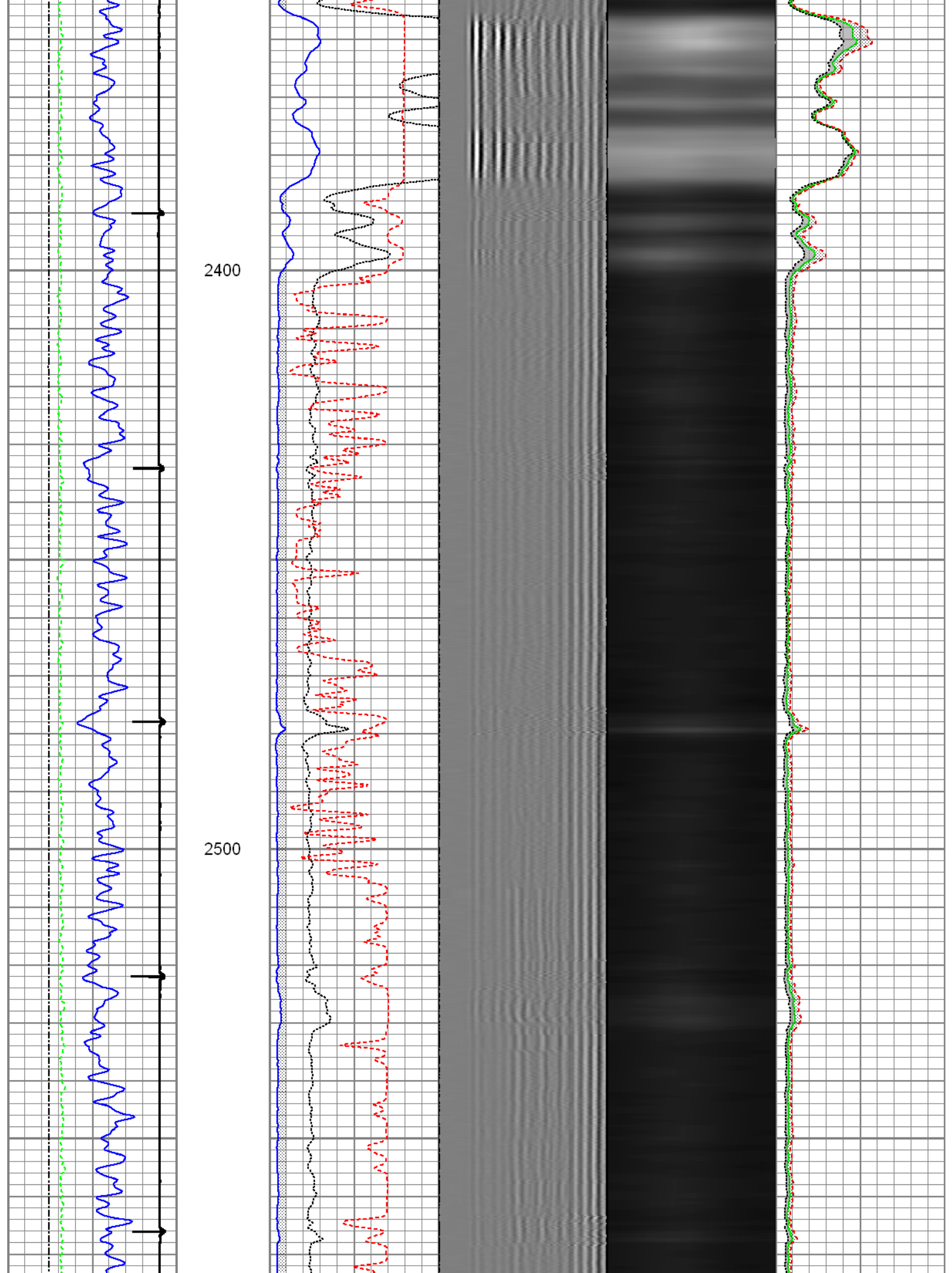


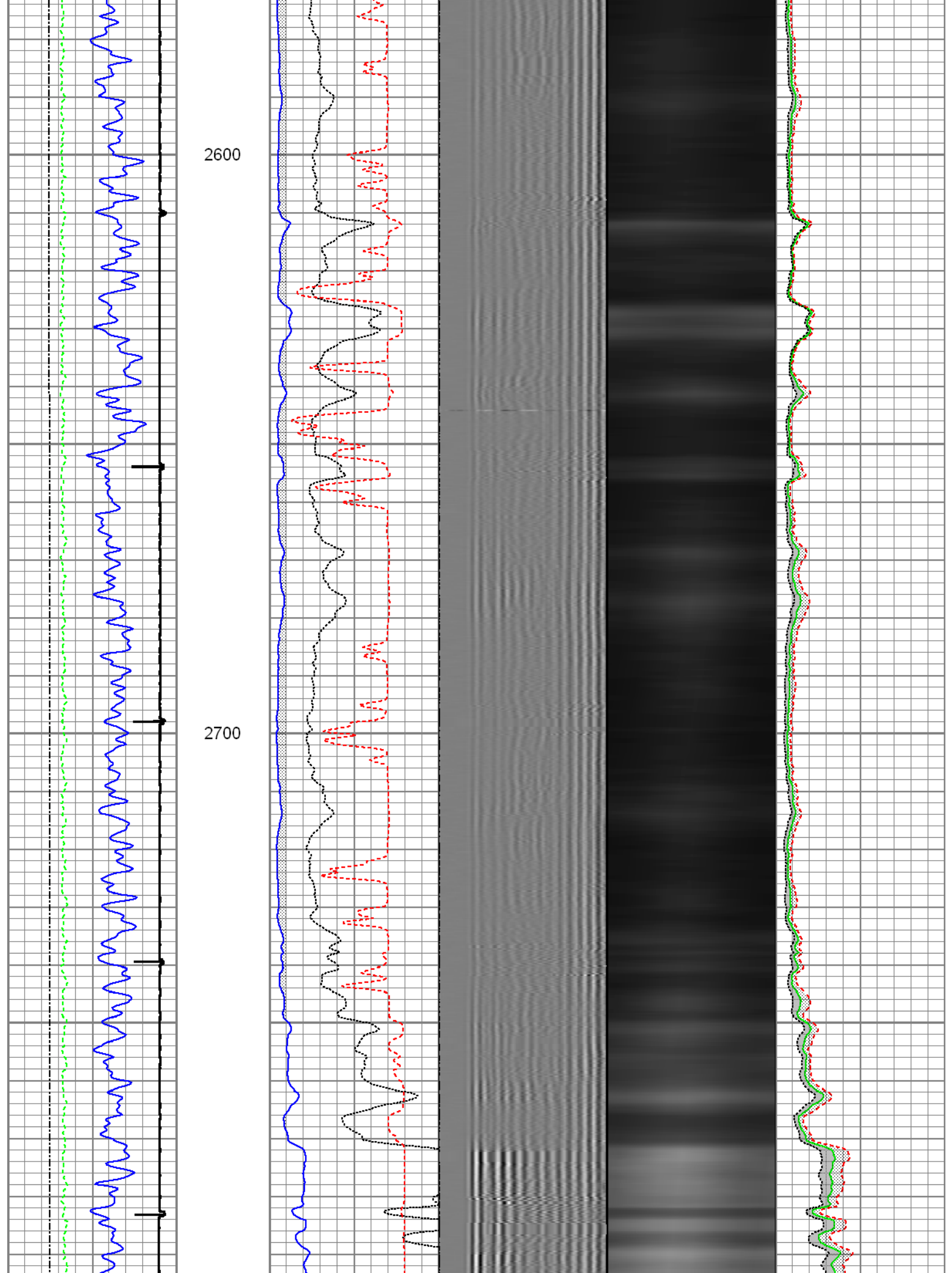








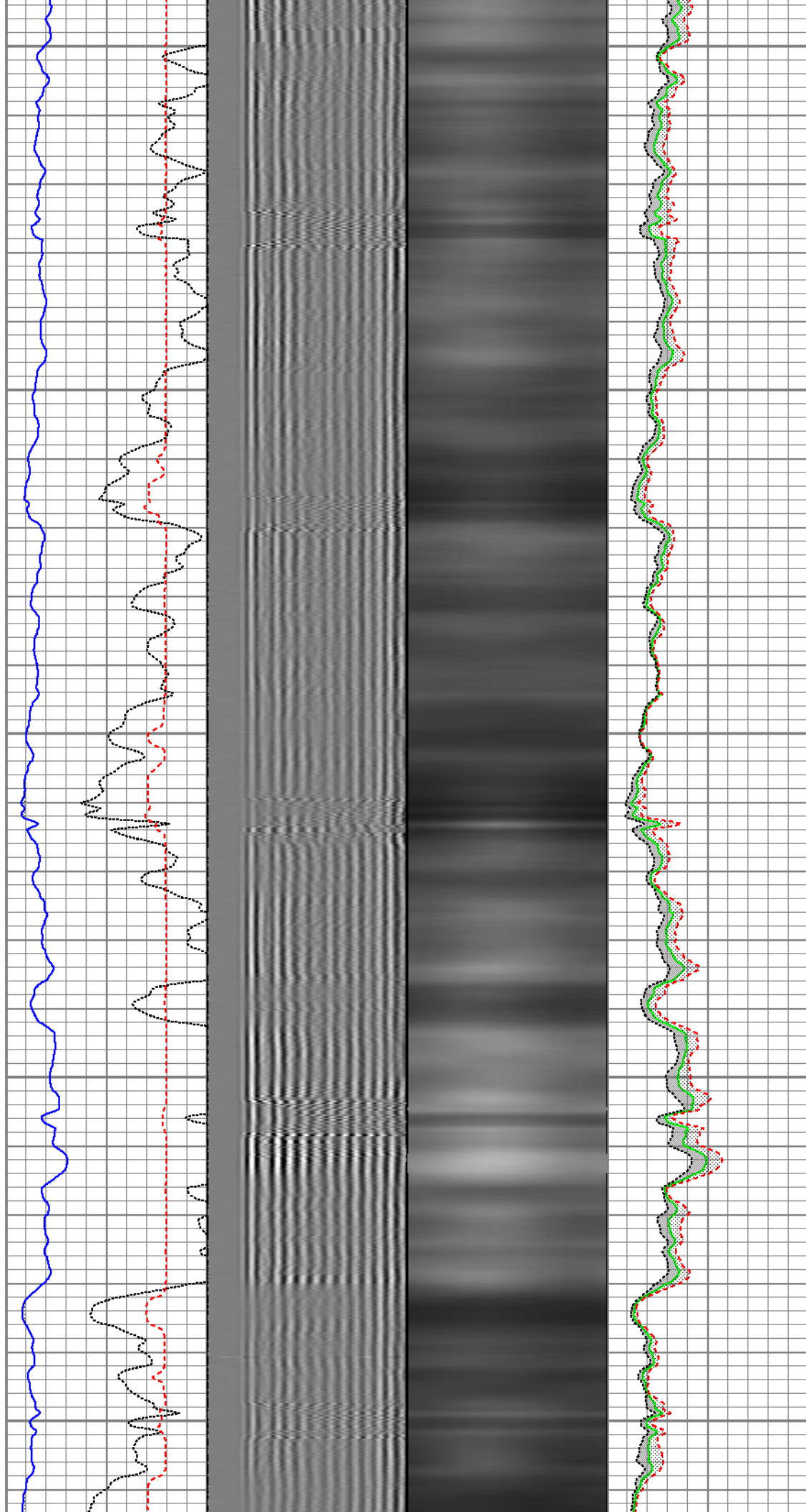


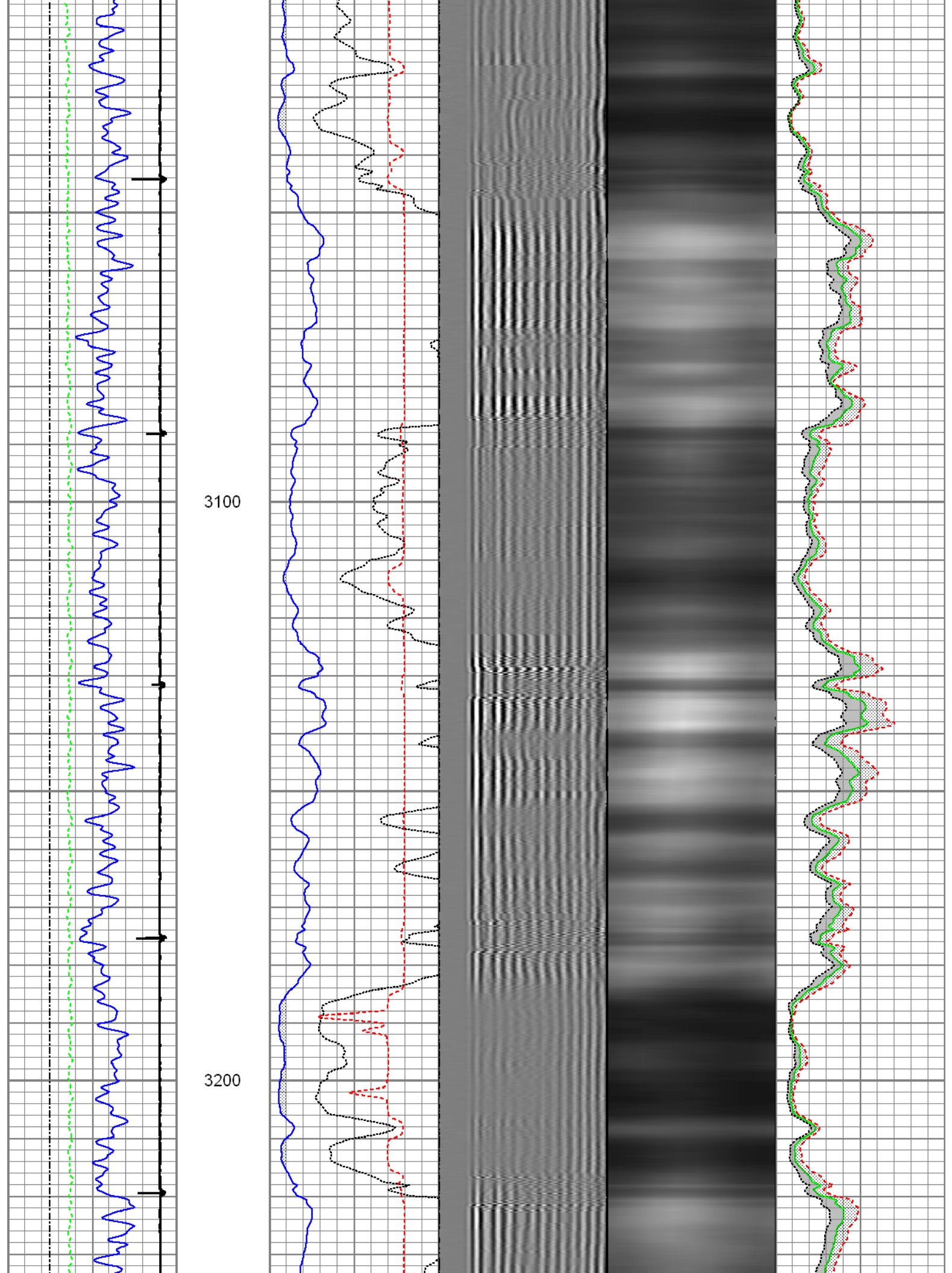


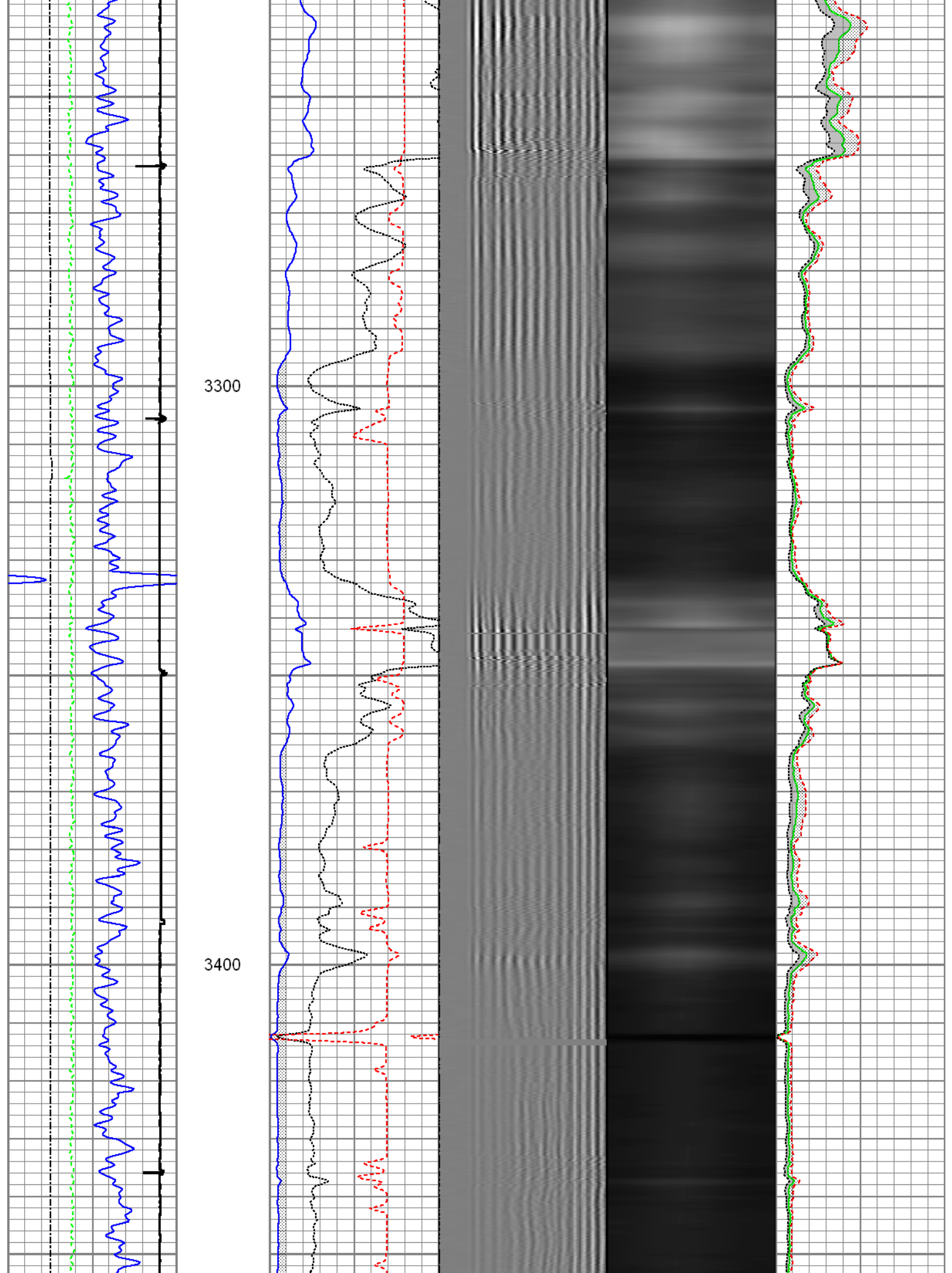
2800

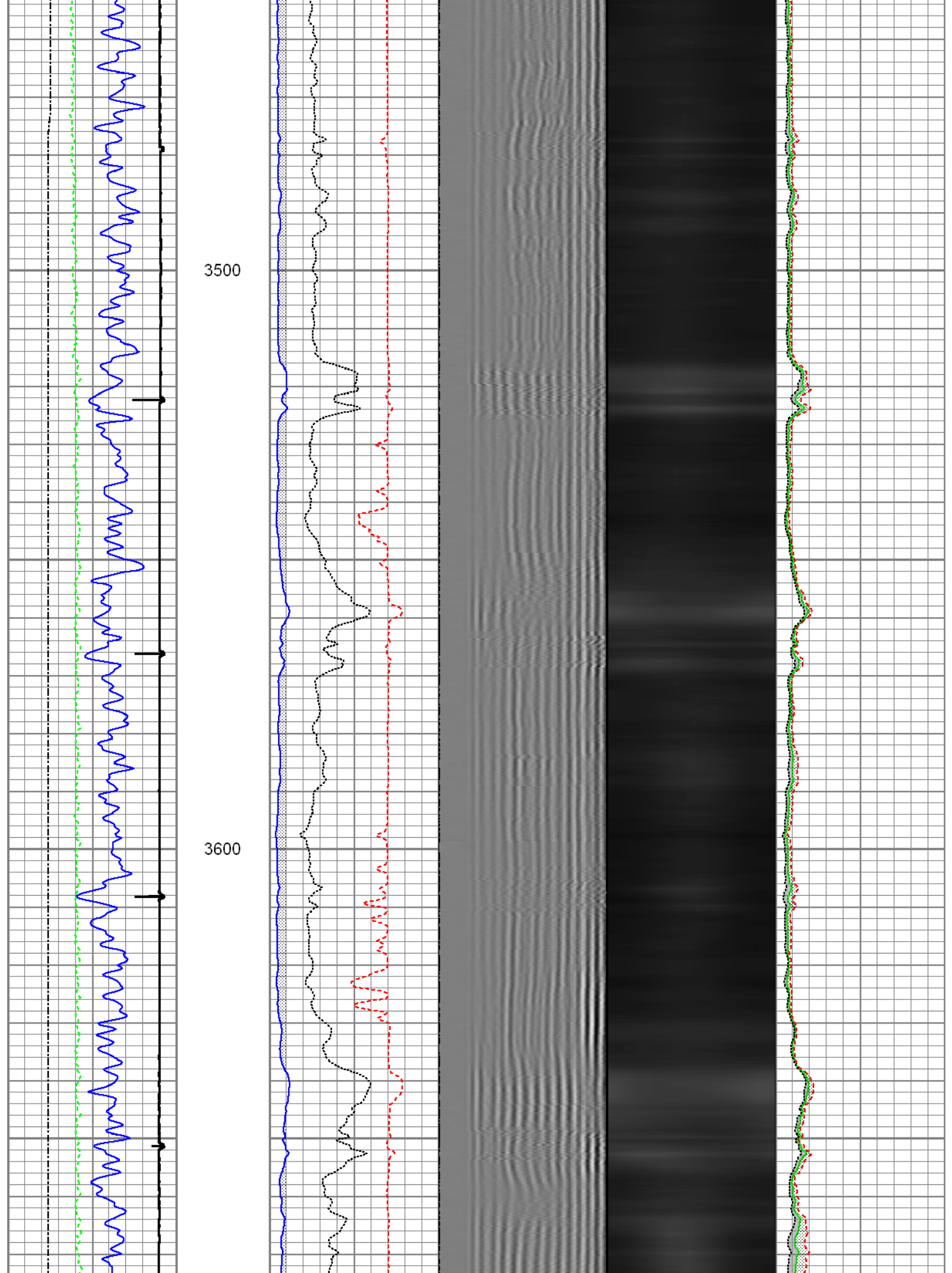
2900

3000



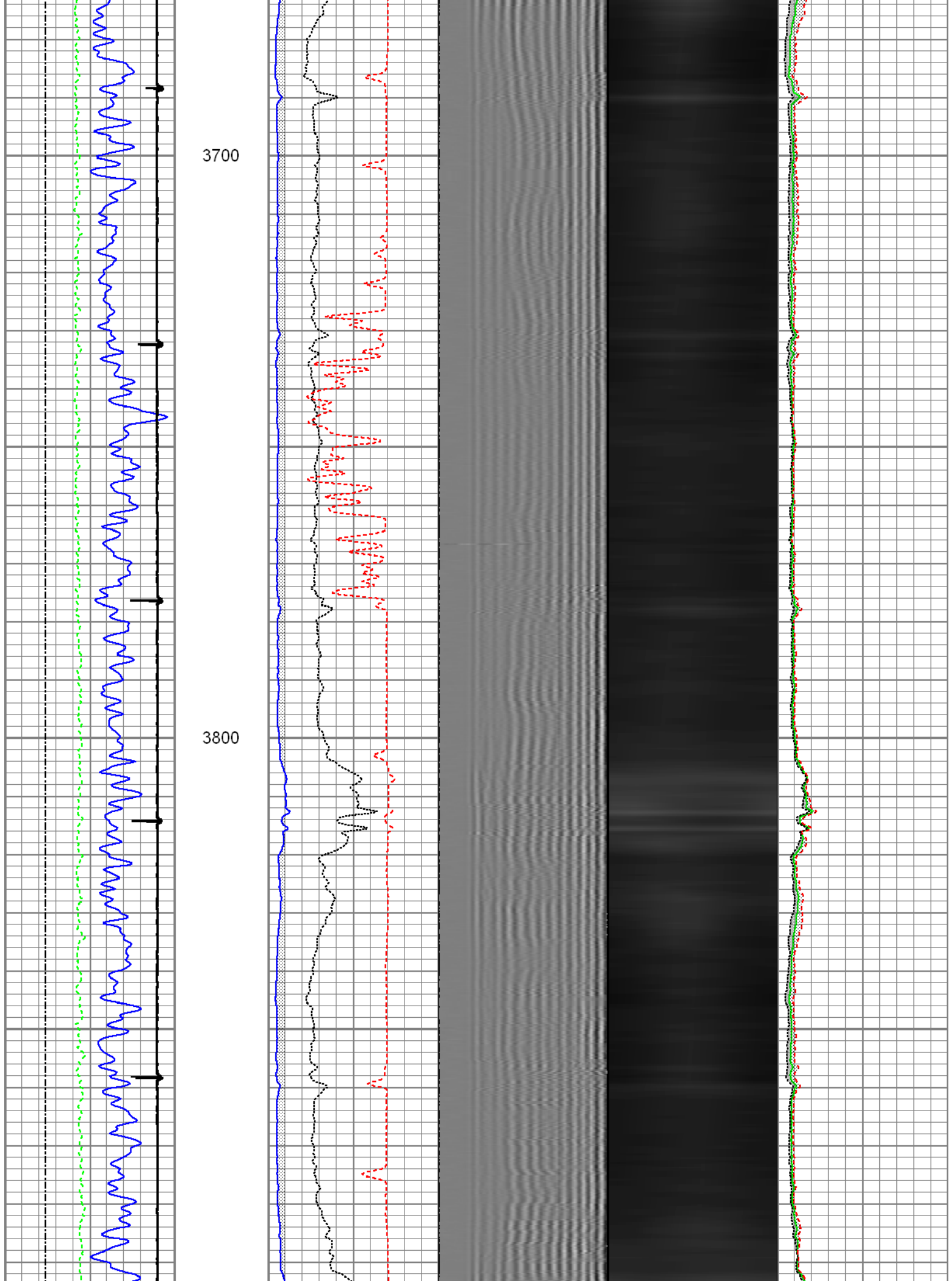






3700

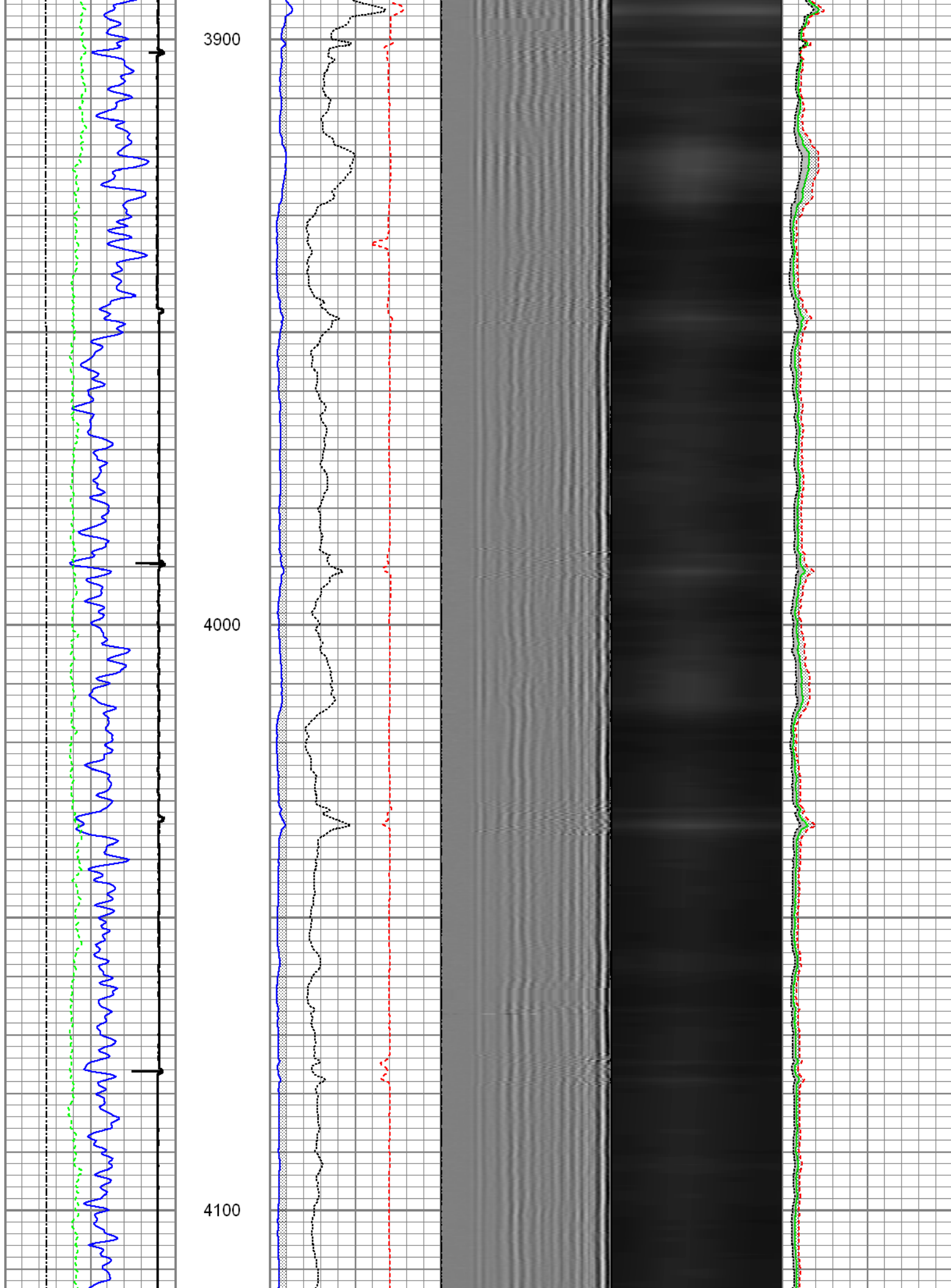
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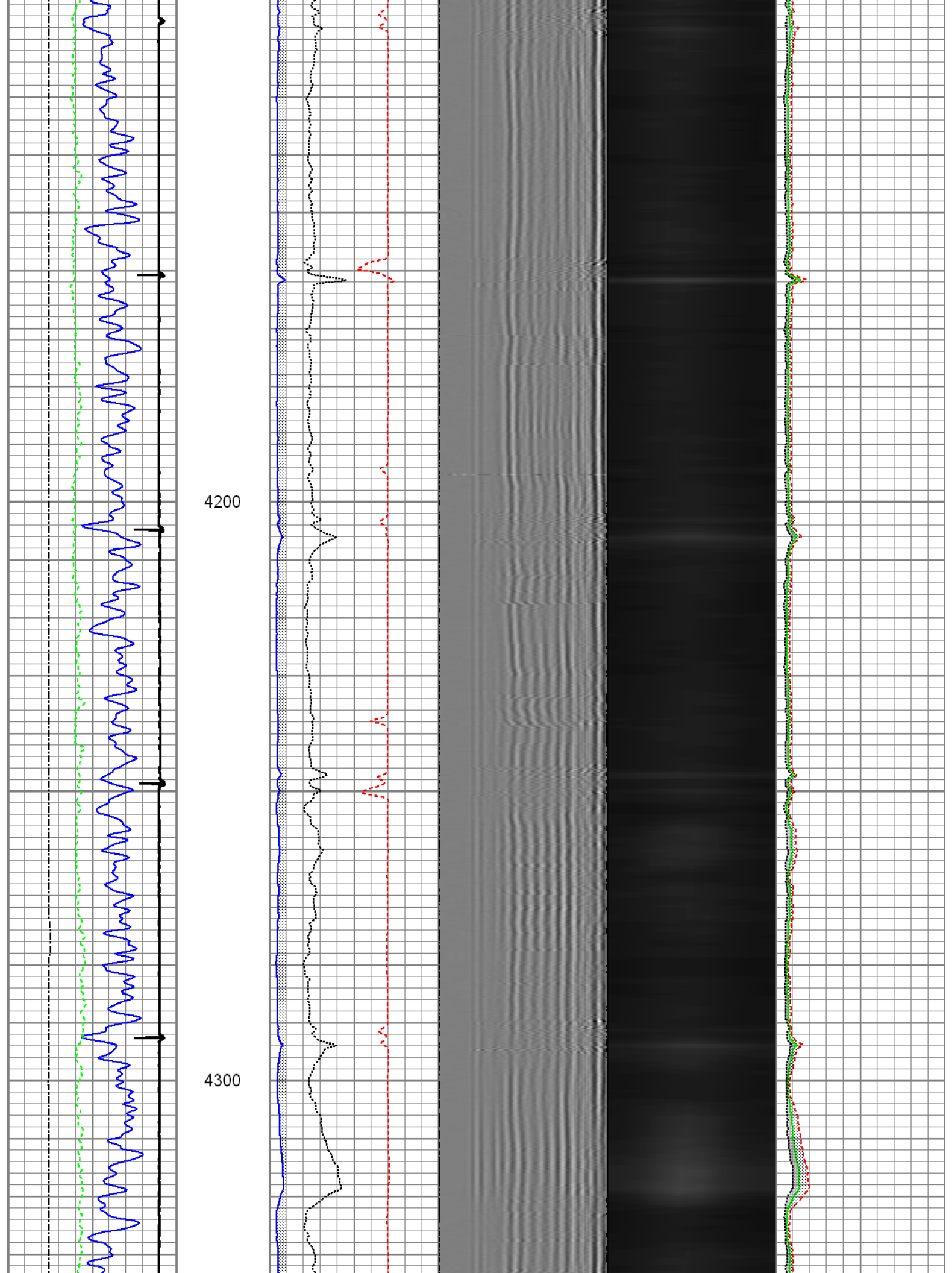


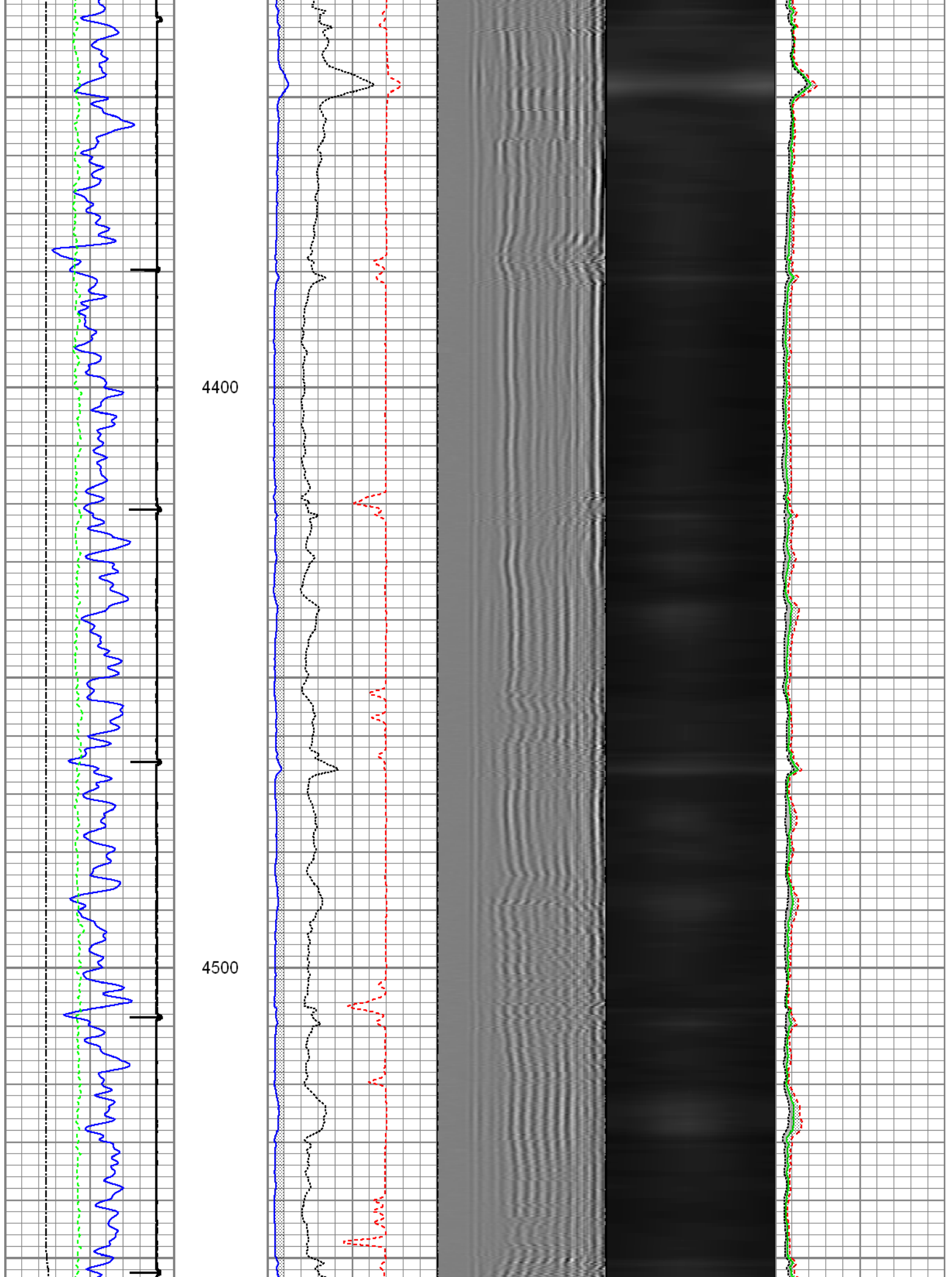
3900

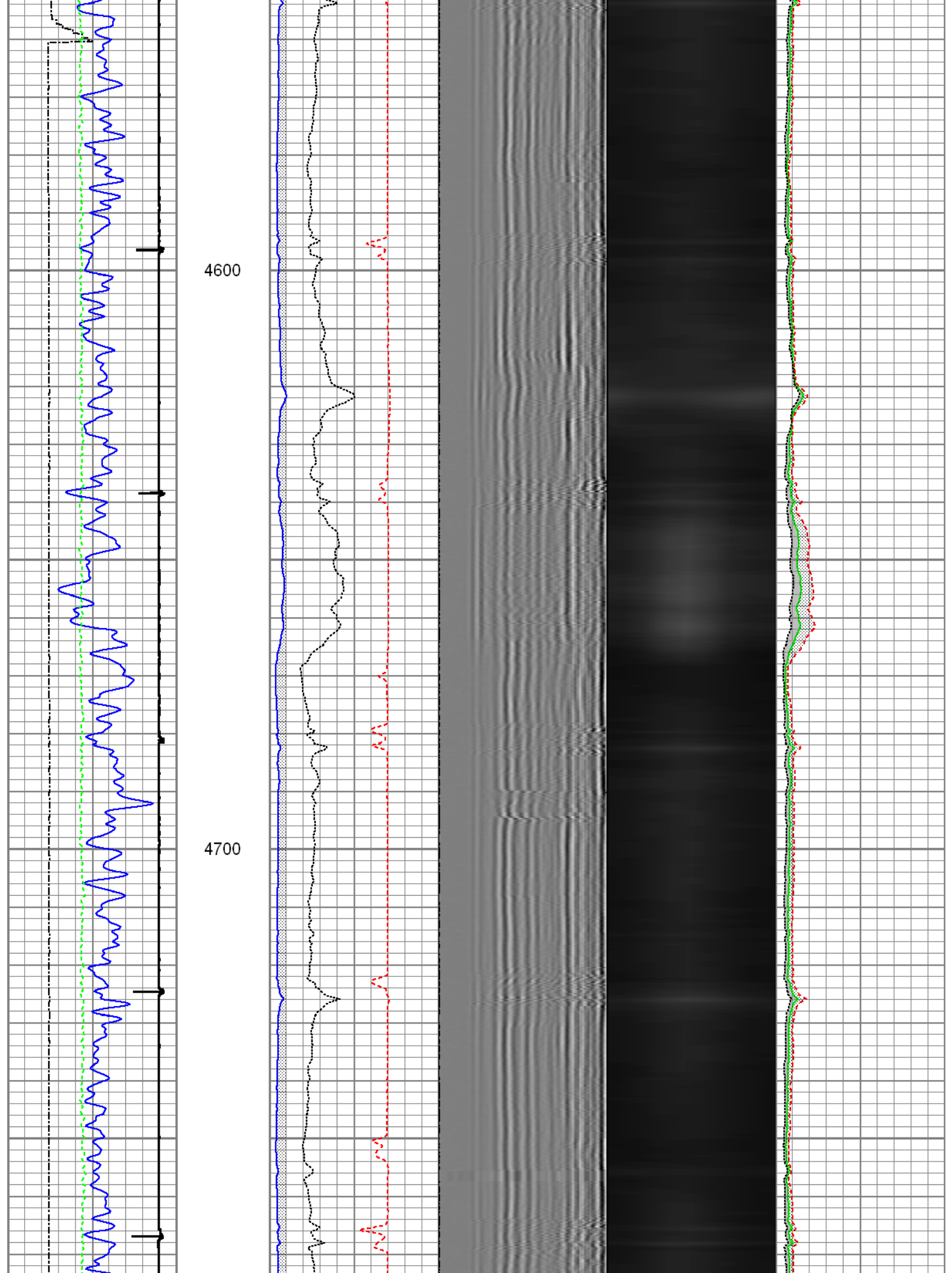
4000

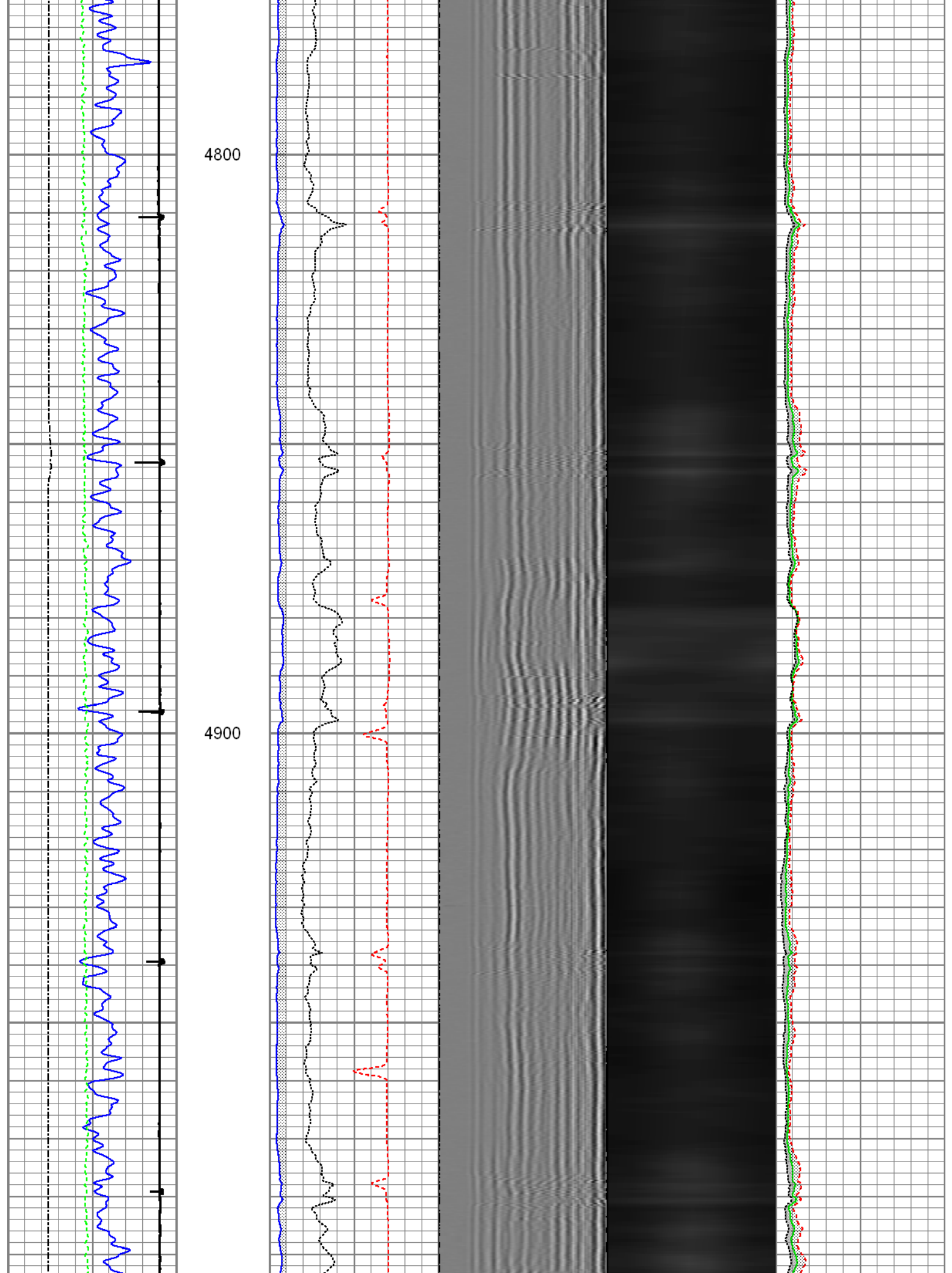
4100

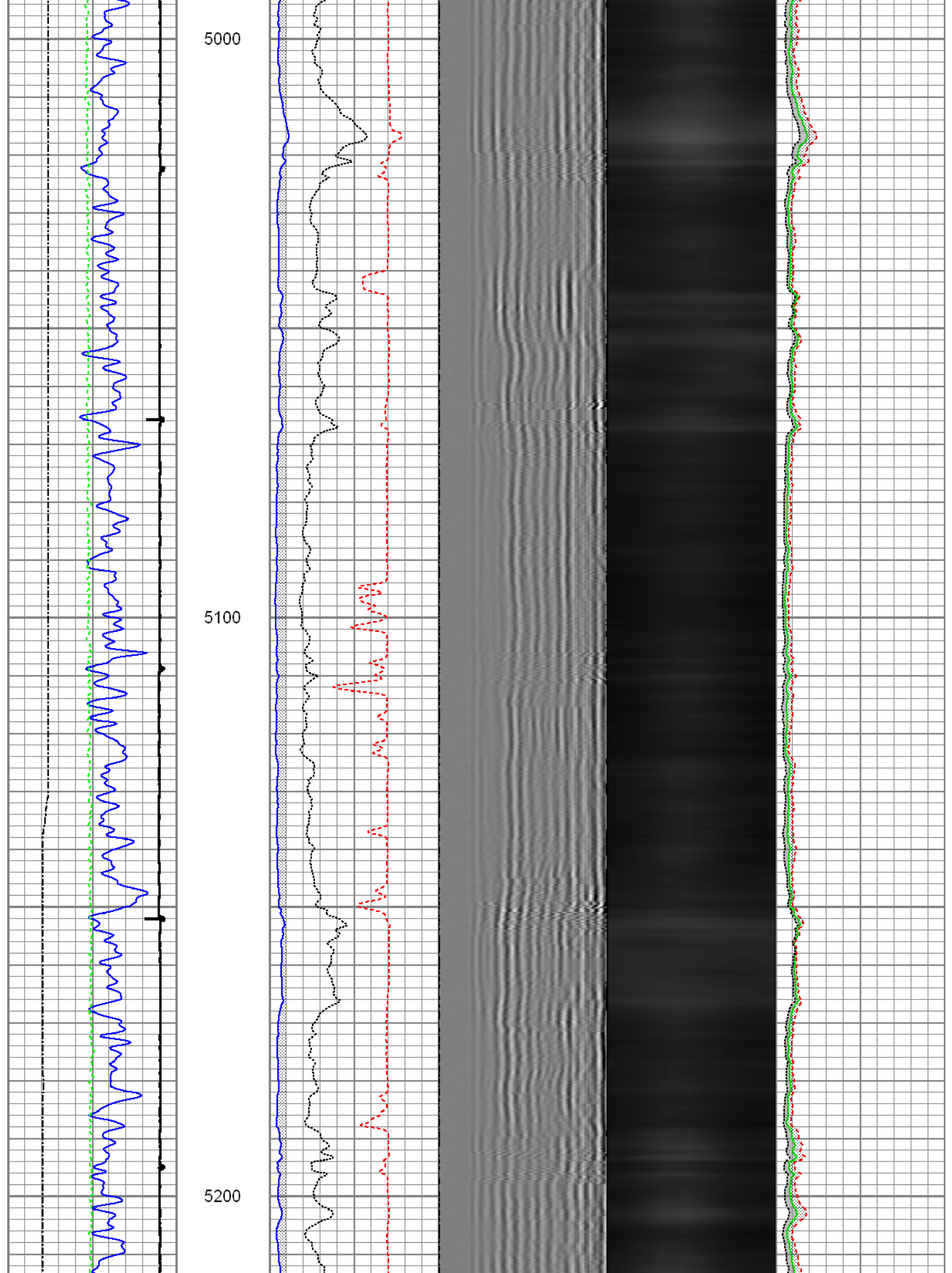


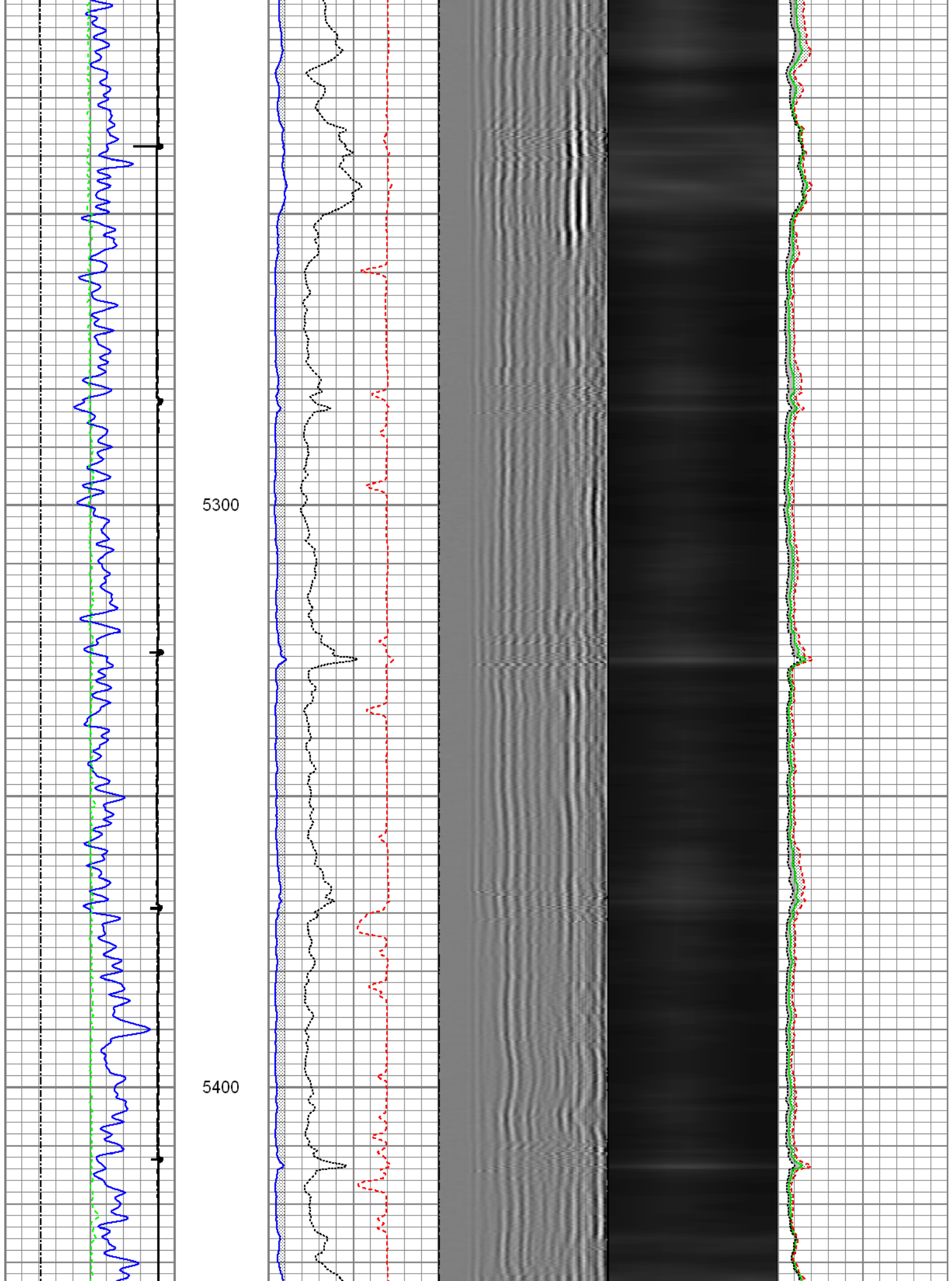


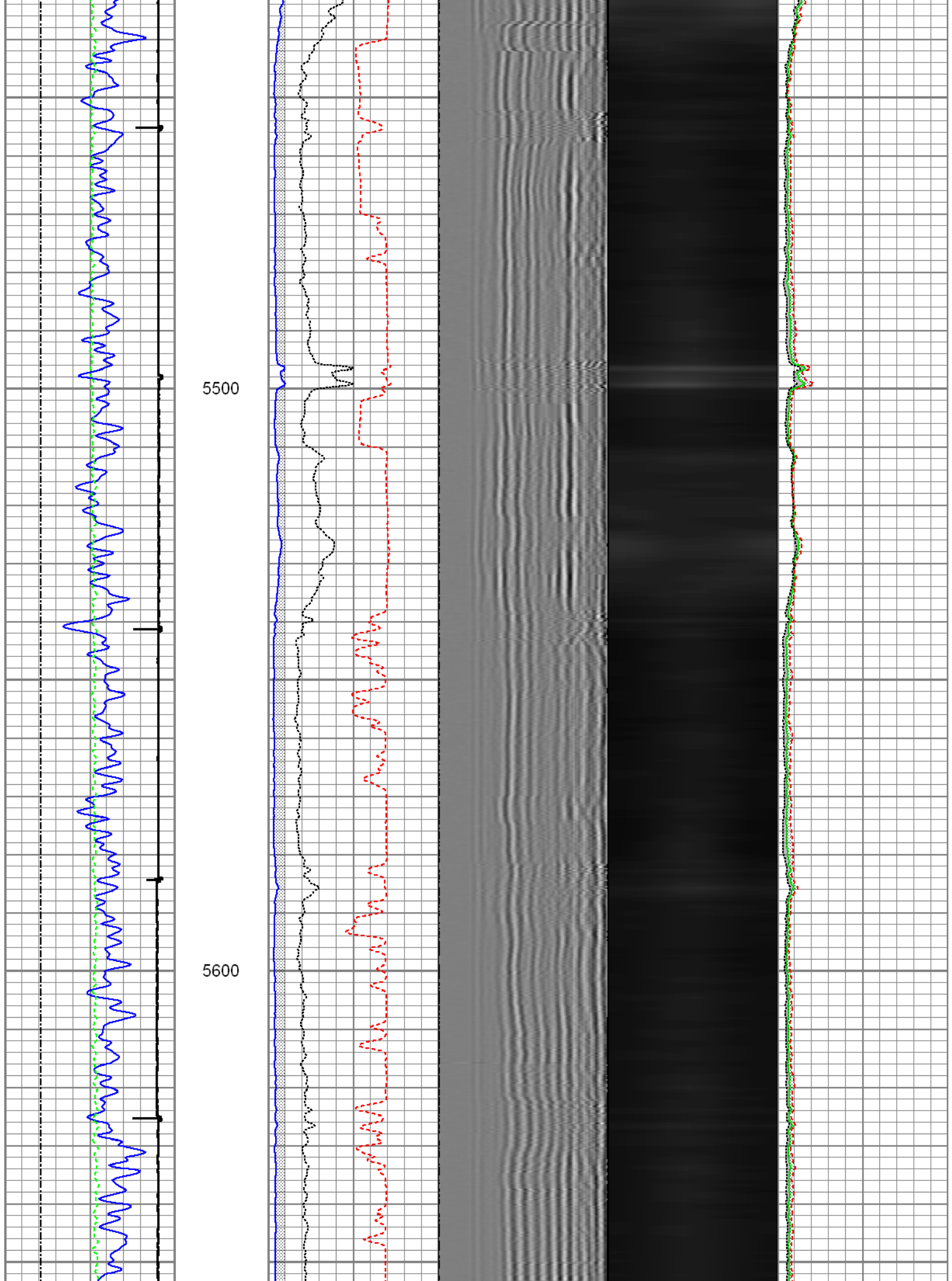






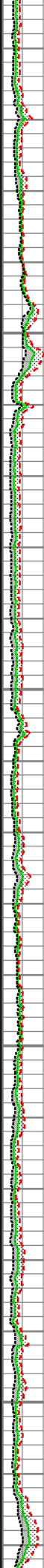
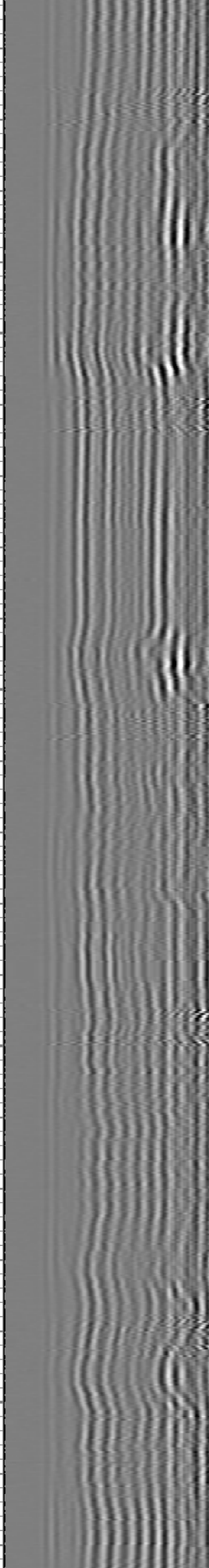
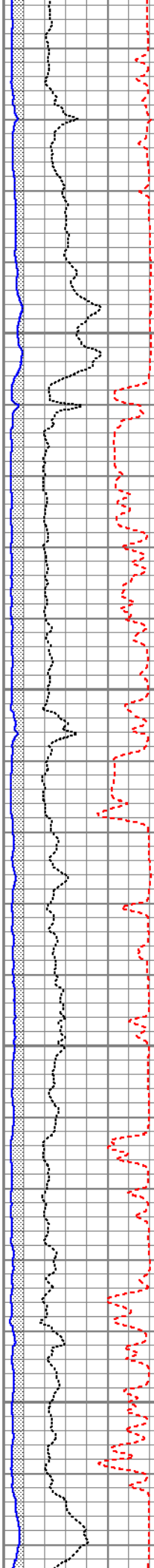
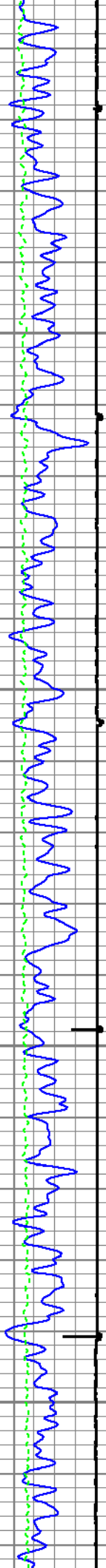


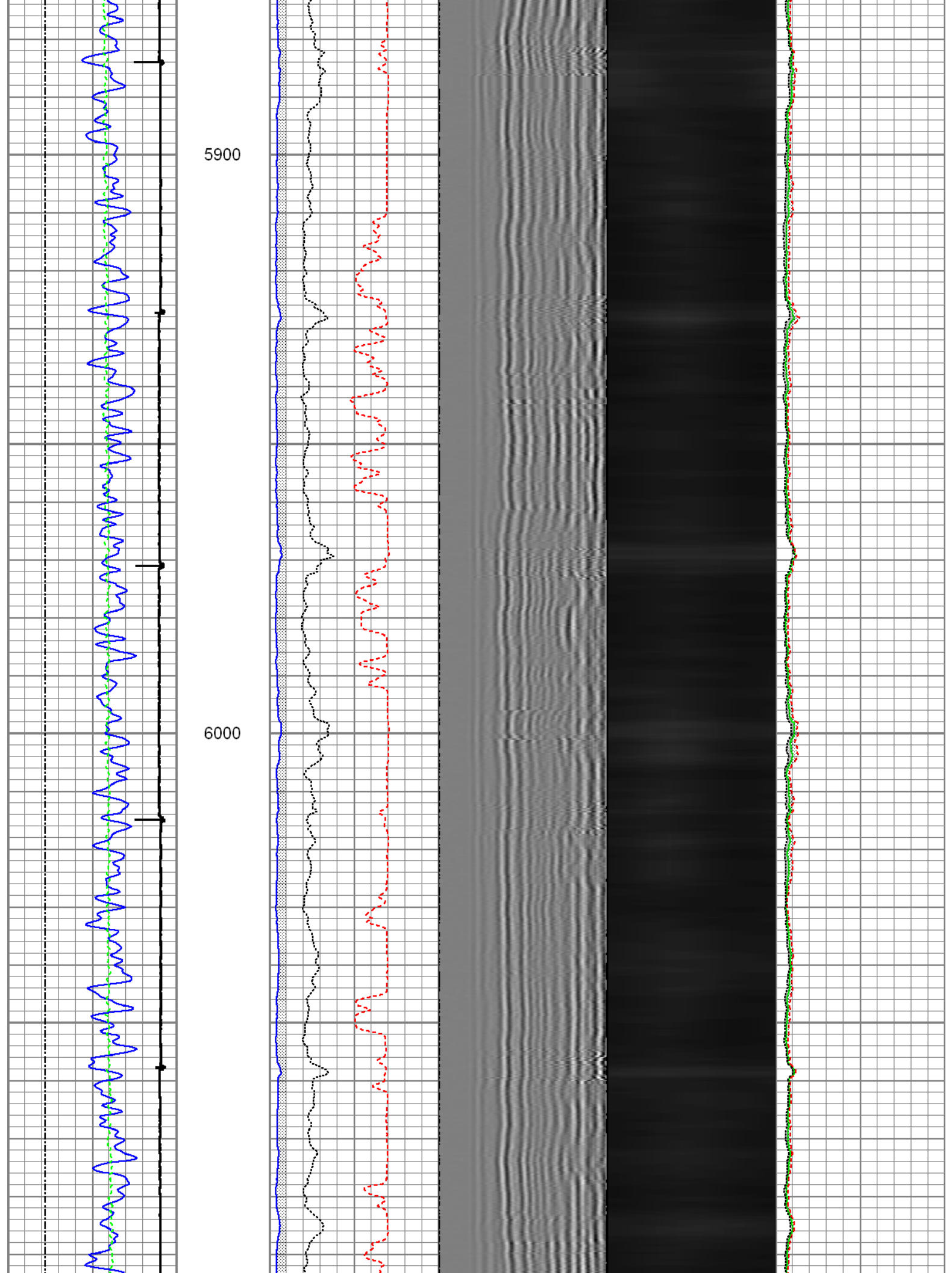




5700

5800

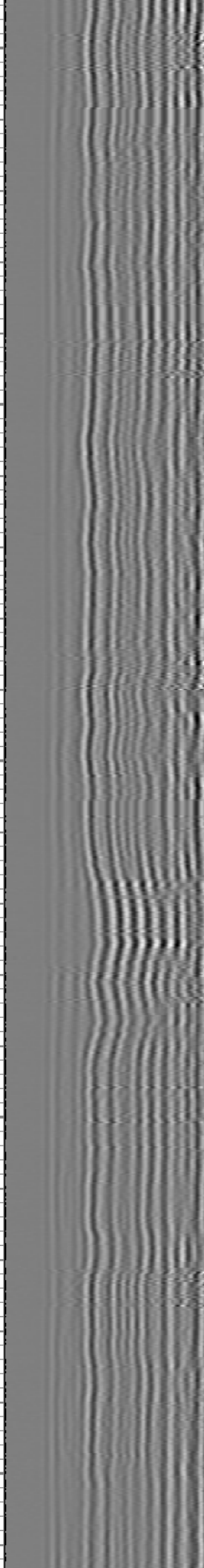
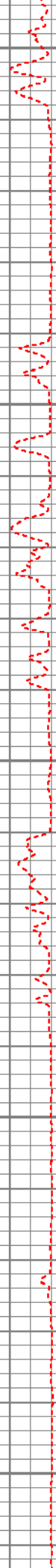
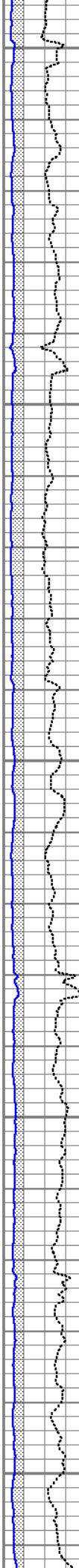
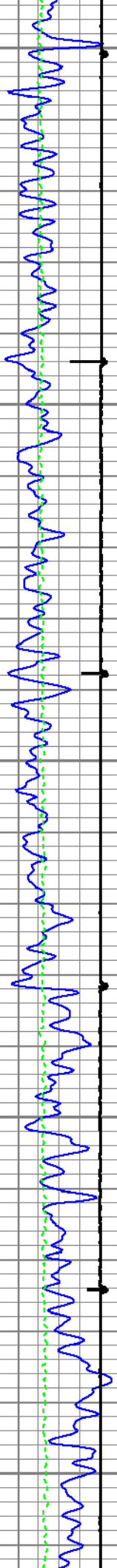


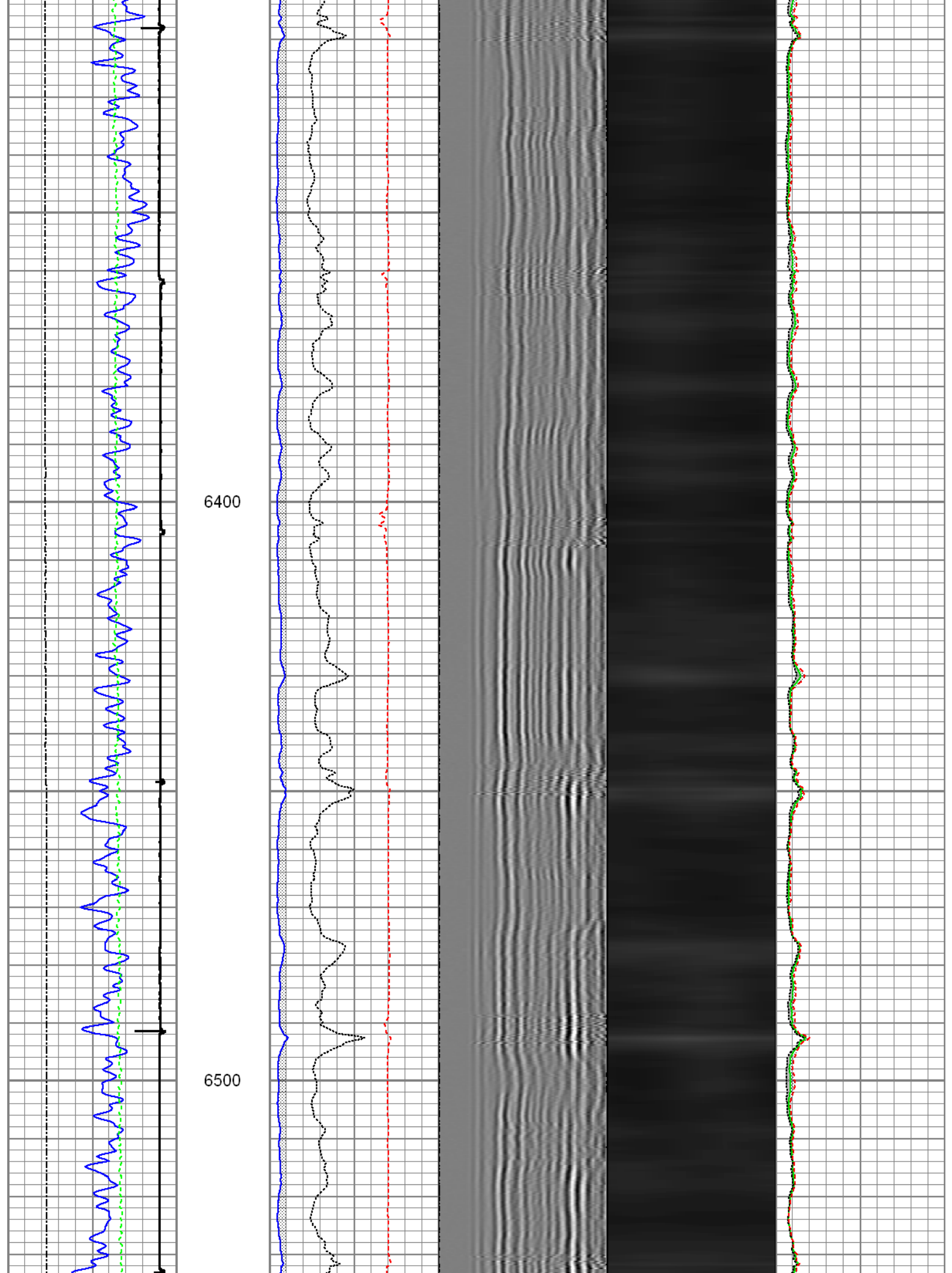


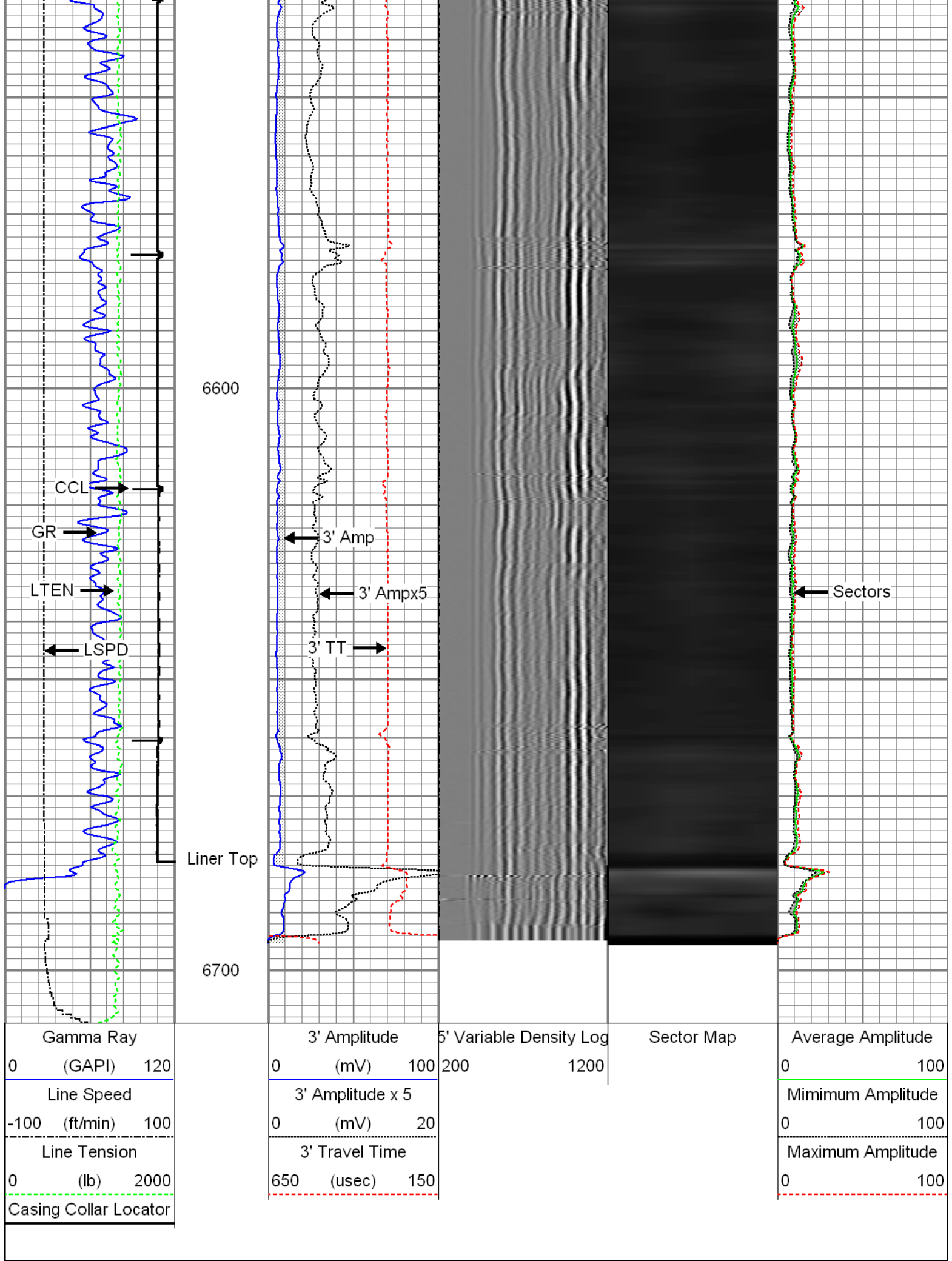
6100

6200

6300



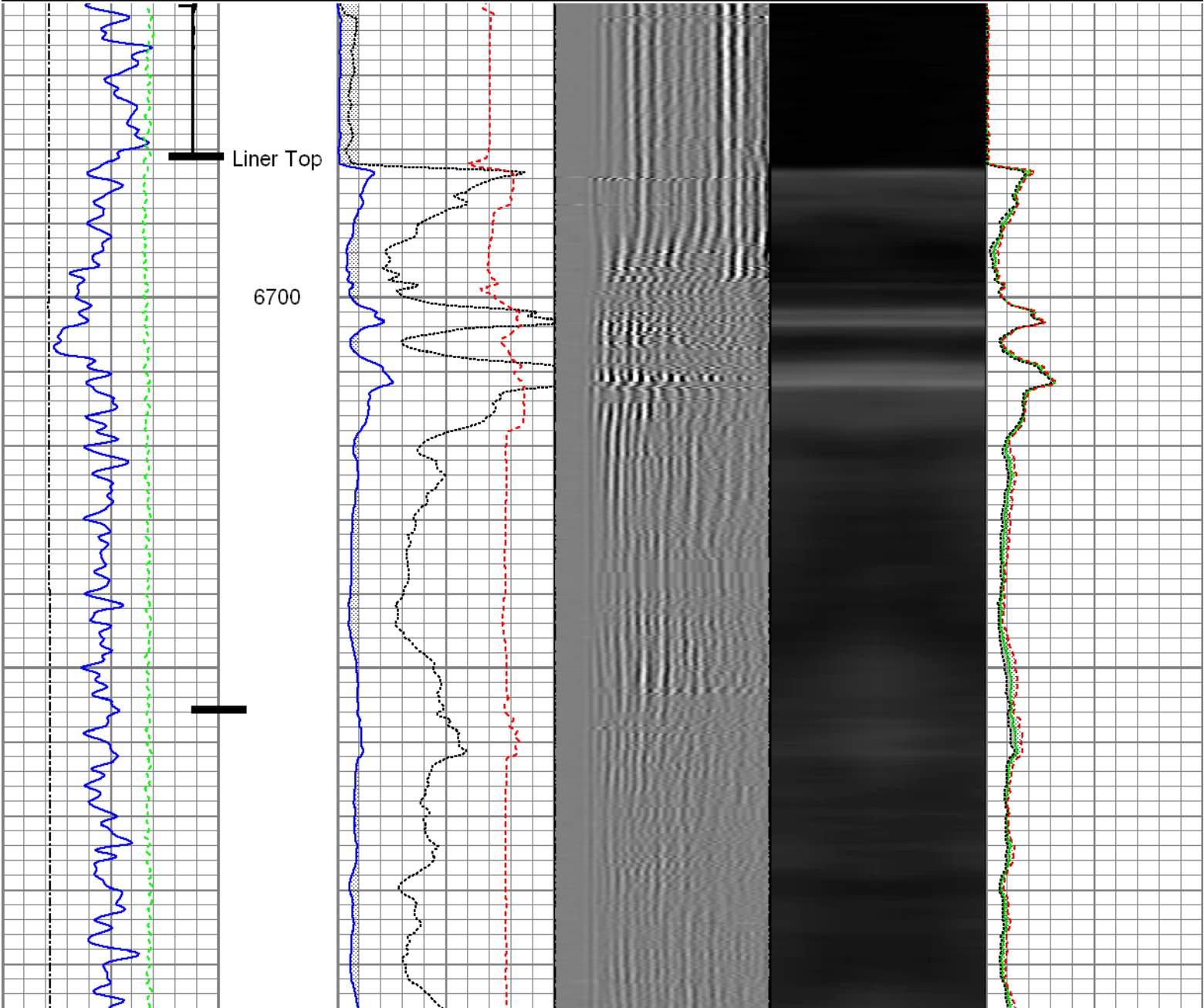


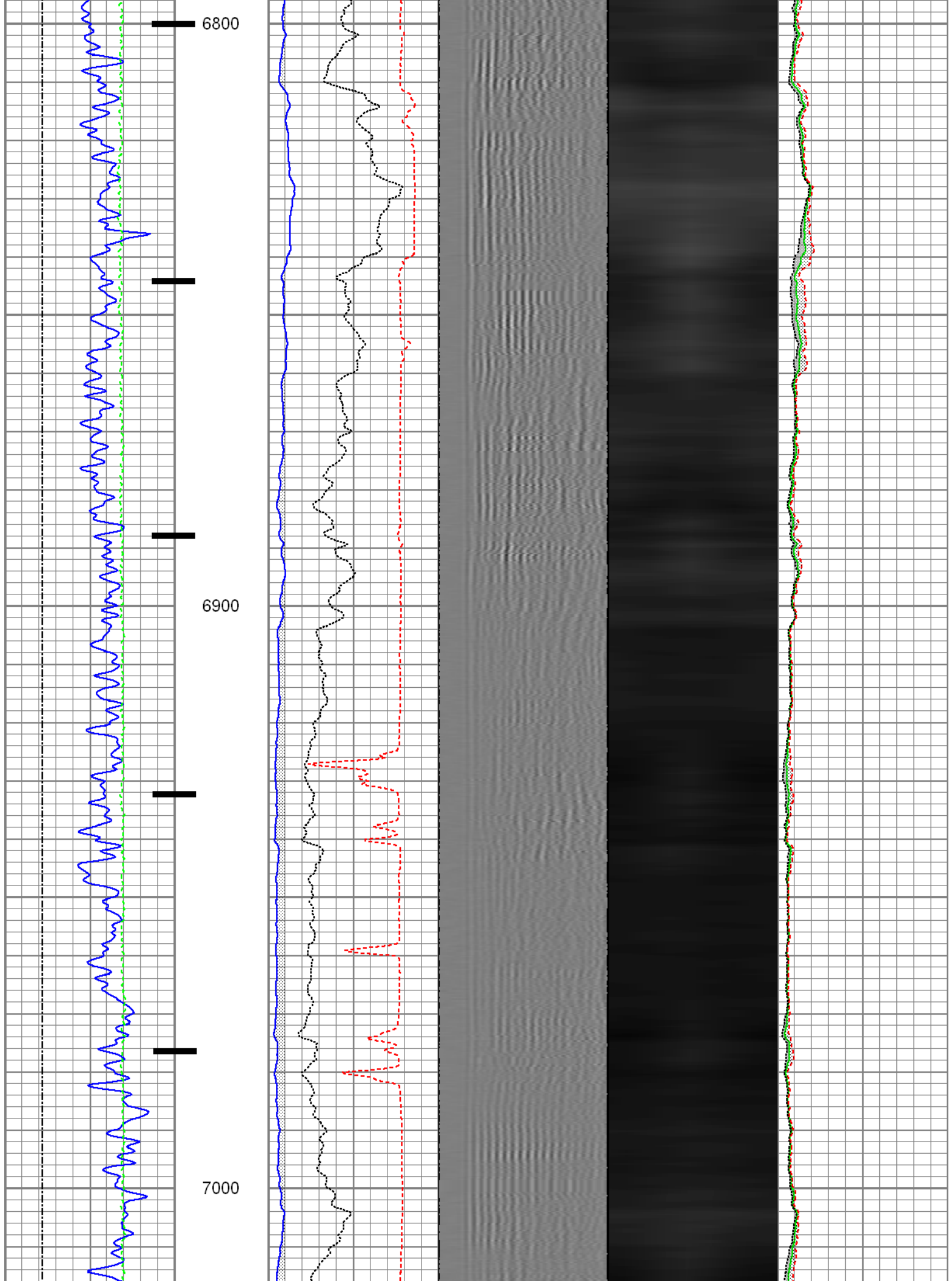


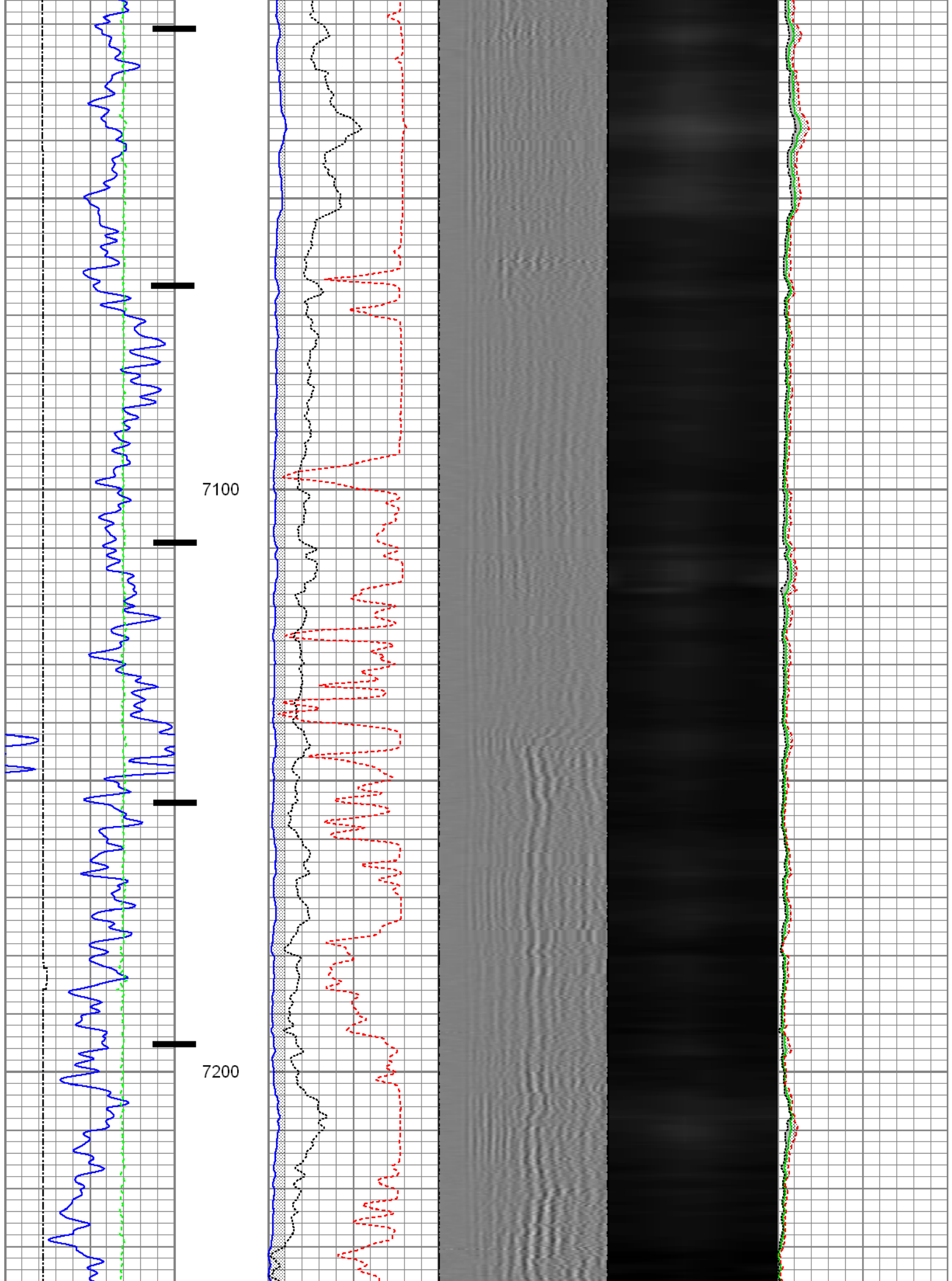
Database File:
Dataset Pathname:
Presentation Format:
Dataset Creation:
Charted by:

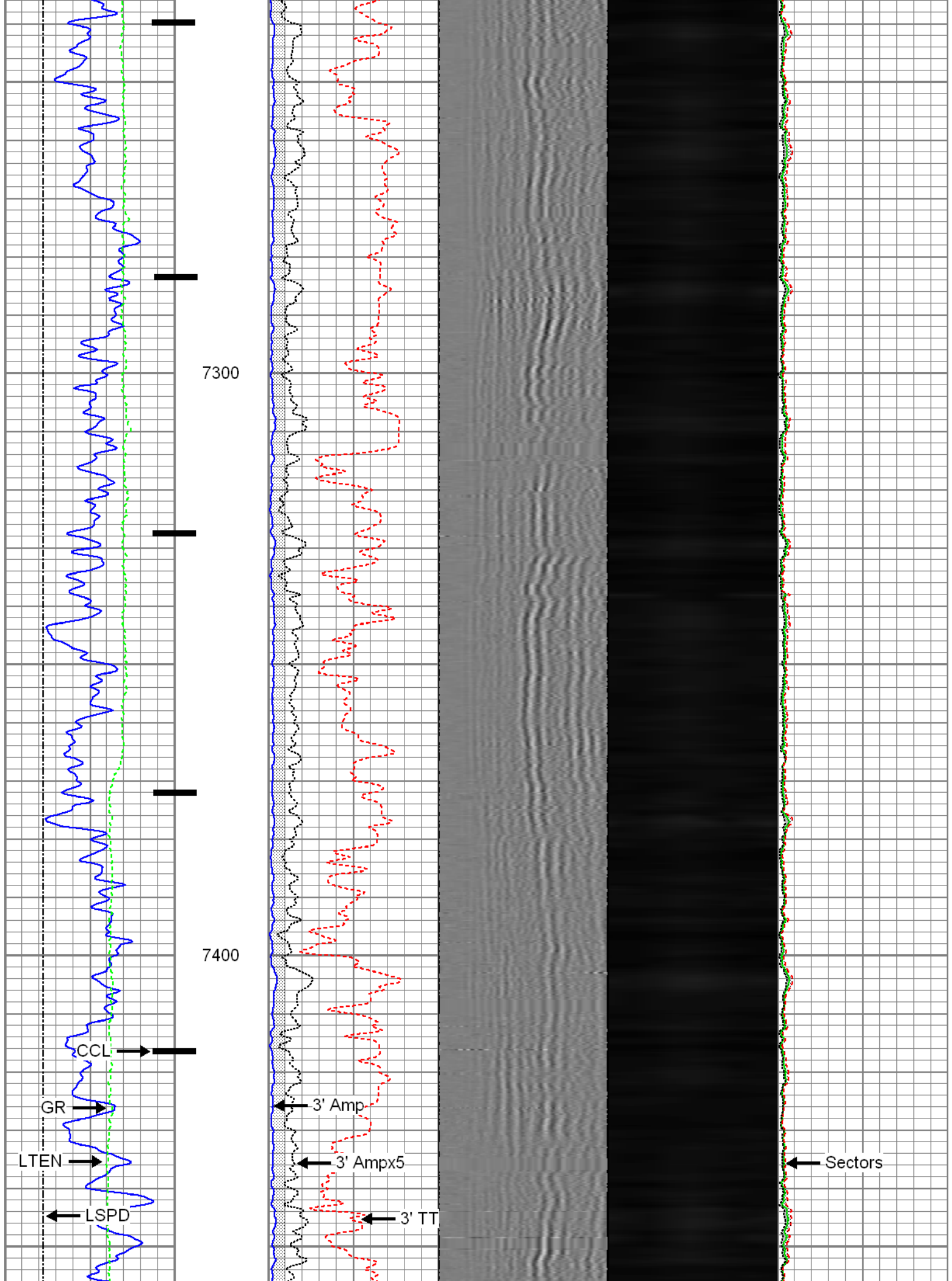
processed_0512340622_anadarko_greenleaf 29c-2hz_02-24-15_mit_rbl.db
pass6
rbt4_mit
Tue Feb 24 11:37:37 2015 by Log 7.0 B1
Depth in Feet scaled 1:240

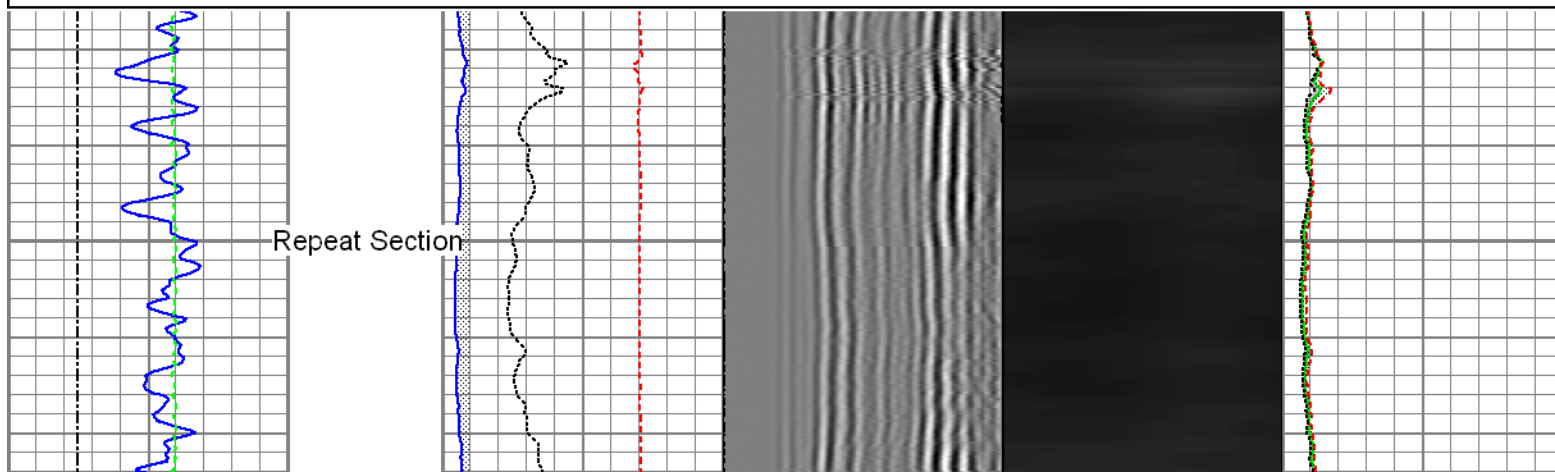
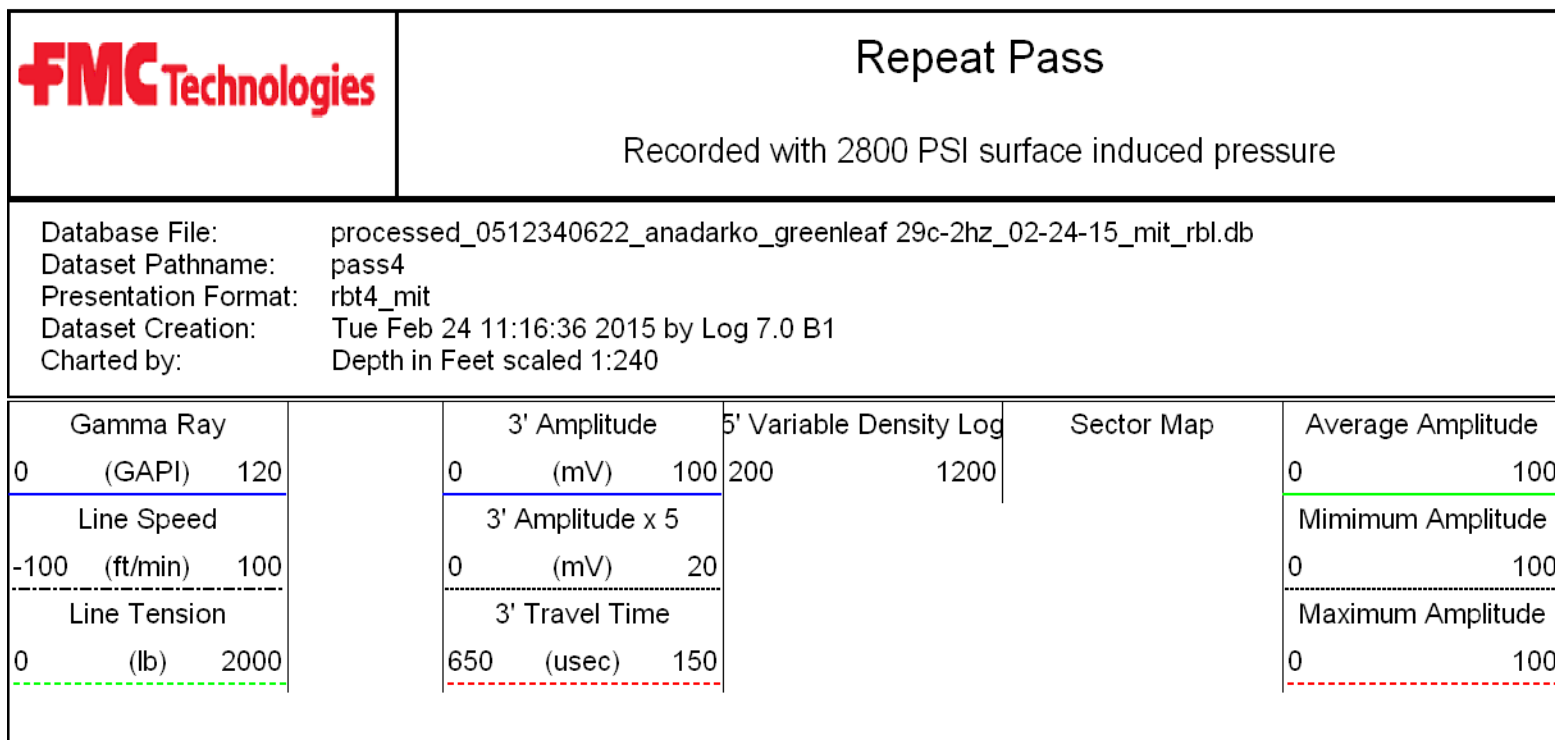
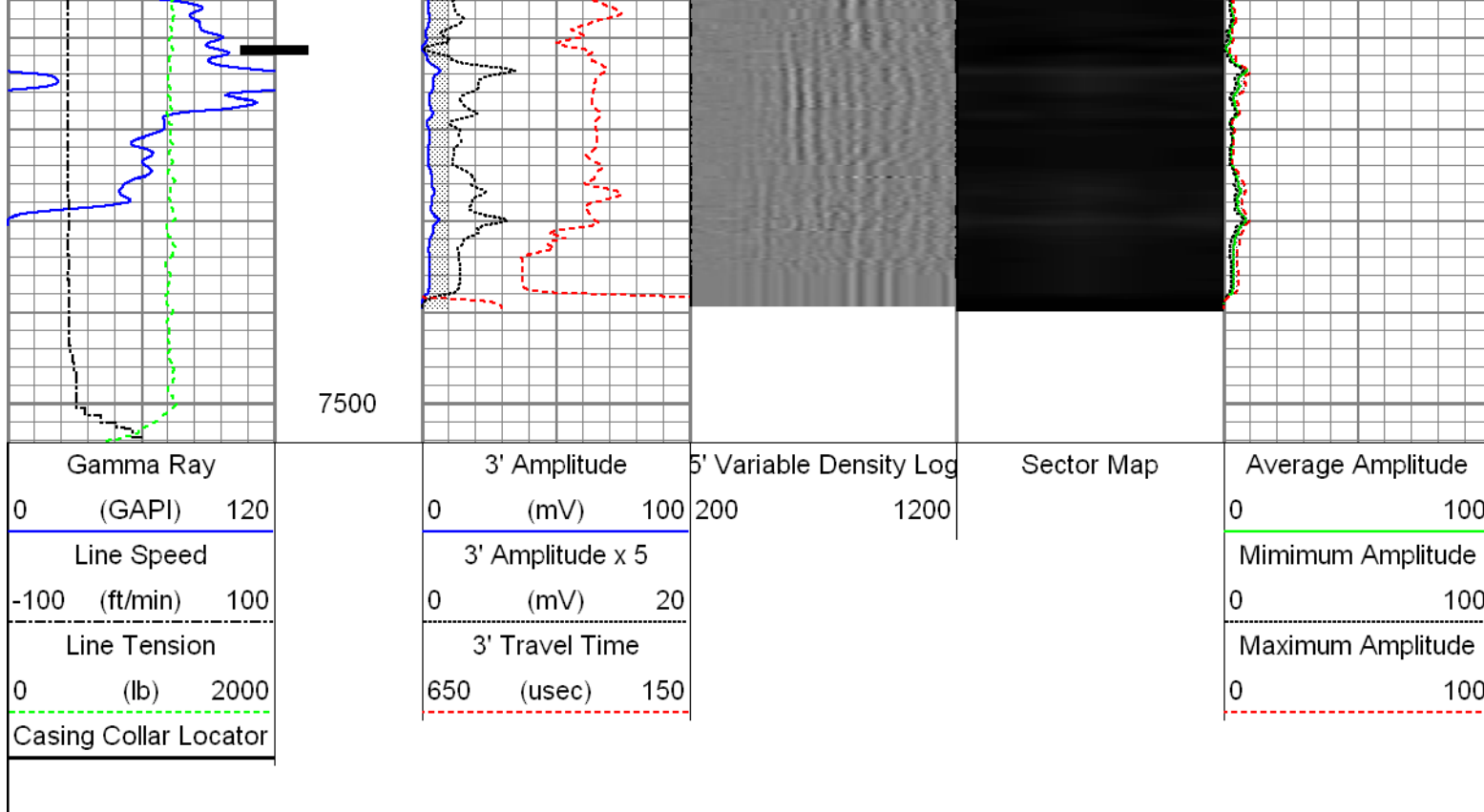
<div>Gamma Ray</div> <div>0 (GAPI) 120</div> <div>Line Speed</div> <div>-100 (ft/min) 100</div> <div>Line Tension</div> <div>0 (lb) 2000</div> <div>Casing Collar Locator</div>	<div>3' Amplitude</div> <div>0 (mV) 100</div> <div>3' Amplitude x 5</div> <div>0 (mV) 20</div> <div>3' Travel Time</div> <div>650 (usec) 150</div>	<div>5' Variable Density Log</div> <div>200 1200</div>	<div>Sector Map</div>	<div>Average Amplitude</div> <div>0 100</div> <div>Minimum Amplitude</div> <div>0 100</div> <div>Maximum Amplitude</div> <div>0 100</div>
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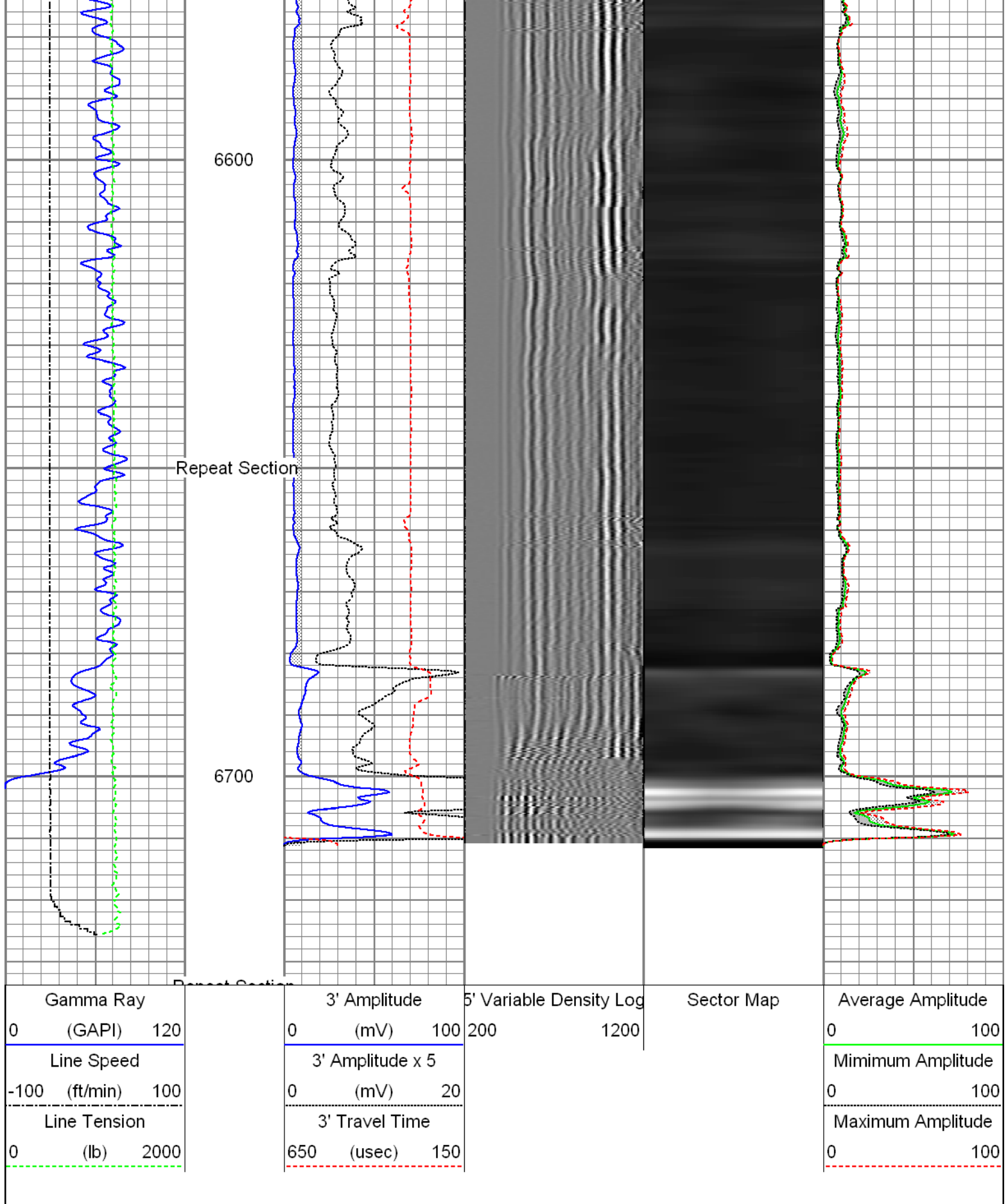












Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			T_CH14375_1_GO Titan 1-7/16" Assembled Electric Cable Head with 1" Fishing Neck	1.03	1.44	4.00
			IJW_AGS-IJW_AGS_001 (215017)	0.21	1.69	1.00

				UW_XSU-UW_XSU_001 (210017) Sondex Adapter - GO Box to Sondex Pin	0.21	1.69	1.00
				UW_XTU-UW_XTU_002 (211461) Crossover Ultrawire Toolbus to Ultralink	1.58	1.69	6.50
GR	25.29			UW_PGR-UW_PGR_020 (10024770) Production Gamma Ray	1.93	1.69	9.50
				UW_CCL-UW_CCL_028 (10009470) Ultrawire 3-1/8" CCL	1.61	3.13	36.00
CCL	23.68			UW_PRC-UW_PRC_057 (1037) Sondex 2-3/4" 4-Arm Production Roller Centraliser	2.98	2.75	32.00
				UW_RBT-UW_RBT_004 (1066) Sondex Ultrawire 3-1/8" Radial Bond Tool	9.47	3.13	140.00
WVF3FT	15.85						
WVFS1	15.85						
WVFS2	15.85						
WVFS3	15.85						
WVFS4	15.85						
WVFS5	15.85						
WVFS6	15.85						
WVFS7	15.85						
WVFS8	15.85						
CBLTEMP	15.85						
CBLROT	15.85						
WVF5FT	14.85			UW_PRC-UW_PRC_057 (1102) Sondex 2-3/4" 4-Arm Production Roller Centraliser	2.98	2.75	32.00
				UW_MIT-UW_MIT40_027 (218950) 40 Multifinger Imaging Tool	4.54	2.75	61.10
MIT	5.41						
				UW_PRC #3 -UW_PRC_057 (1038) Sondex 2-3/4" 4-Arm Production Roller Centraliser	2.98	2.75	32.00
				UW_BUL-UW_BUL_006 (218707) Sondex Ultrawire Bullnose Terminator	0.22	1.69	1.20
TSTAMP	0.00						
Dataset: PROCESSED_0512340622_Anadarko_Greenleaf 29C-2HZ_02-24-15_MIT_RBL.db: field/well/run1/pass7							
Total Length: 29.53 ft							
Total Weight: 355.30 lb							
O.D. 3.13 in							

Calibration Report

Database File: PROCESSED_0512340622_Anadarko_Greenleaf 29C-2HZ_02-24-15_MIT_RBL.db
 Dataset Pathname: pass7
 Dataset Creation: Tue Feb 24 11:57:46 2015 by Log 7.0 B1

Multi-finger Imaging Tool Calibration Report									
		Serial Number:		218950					
		Number of Fingers:		40					
		Tool Model:		UW_MIT40_027					
Inclinometer Calibration Report									
		Performed:		Fri, Oct, 10 10:41:51 2008					
		Calibration Angle:		45					
				Inc X		Inc Y			
Vertical:				1996		1975			
Finger 1 up:				2238		2226			
Finger 31 up:				1760		2216			
Finger 21 up:				1769		1745			
Finger 11 up:				2250		1738			
Sensitivity ratio:		1.00023							
X-axis angle:		314.283							
Deviation const.:		339.139							
Finger Calibration Report									
		Performed:		Tue Feb 24 10:10:20 2015					
Ring size:	4		5		6		7		
(in)		Sens		Sens		Sens			
Finger 01:	1486	265.0	1751	286.0	2037	302.0	2339		
Finger 02:	1546	241.0	1787	255.0	2042	268.0	2310		
Finger 03:	1448	271.0	1719	288.0	2007	307.0	2314		
Finger 04:	1481	270.0	1751	286.0	2037	299.0	2336		
Finger 05:	1529	261.0	1790	275.0	2065	284.0	2349		
Finger 06:	1435	277.0	1712	293.0	2005	311.0	2316		
Finger 07:	1448	275.0	1723	290.0	2013	307.0	2320		
Finger 08:	1470	273.0	1743	283.0	2026	296.0	2322		
Finger 09:	1453	280.0	1733	292.0	2025	305.0	2330		
Finger 10:	1470	268.0	1738	280.0	2018	291.0	2309		
Finger 11:	1454	276.0	1730	288.0	2018	299.0	2317		
Finger 12:	1415	293.0	1708	296.0	2004	308.0	2312		
Finger 13:	1502	265.0	1767	267.0	2034	276.0	2310		
Finger 14:	1459	273.0	1732	281.0	2013	290.0	2303		
Finger 15:	1493	284.0	1777	289.0	2066	294.0	2360		
Finger 16:	1469	280.0	1749	286.0	2035	294.0	2329		
Finger 17:	1516	288.0	1804	291.0	2095	297.0	2392		
Finger 18:	1434	280.0	1714	286.0	2000	294.0	2294		
Finger 19:	1487	286.0	1773	288.0	2061	290.0	2351		
Finger 20:	1470	286.0	1756	290.0	2046	298.0	2344		
Finger 21:	1400	299.0	1699	308.0	2007	313.0	2320		
Finger 22:	1464	279.0	1743	282.0	2025	283.0	2308		
Finger 23:	1461	283.0	1744	290.0	2034	294.0	2328		
Finger 24:	1493	279.0	1772	286.0	2058	283.0	2341		
Finger 25:	1480	282.0	1762	290.0	2052	311.0	2363		
Finger 26:	1442	290.0	1732	296.0	2028	298.0	2326		
Finger 27:	1493	278.0	1771	284.0	2055	284.0	2339		
Finger 28:	1486	284.0	1770	294.0	2064	300.0	2364		
Finger 29:	1543	262.0	1805	273.0	2078	275.0	2353		
Finger 30:	1455	275.0	1730	294.0	2024	304.0	2328		
Finger 31:	1486	281.0	1767	297.0	2064	301.0	2365		
Finger 32:	1516	263.0	1779	276.0	2055	282.0	2337		
Finger 33:	1493	280.0	1773	298.0	2071	305.0	2376		
Finger 34:	1492	273.0	1765	293.0	2058	310.0	2368		
Finger 35:	1554	252.0	1806	268.0	2074	277.0	2351		
Finger 36:	1525	259.0	1784	280.0	2064	293.0	2357		
Finger 37:	1499	271.0	1770	289.0	2059	303.0	2362		
Finger 38:	1588	242.0	1830	258.0	2088	271.0	2359		
Finger 39:	1504	261.0	1765	281.0	2046	288.0	2334		
Finger 40:	1445	276.0	1721	295.0	2016	315.0	2331		

Segmented Cement Bond Log Calibration Report						
Serial Number:		1066				
Tool Model:		UW_RBT_004				
Calibration Casing Diameter:		7.000	in			
Calibration Depth:		395.720	ft			

Master Calibration, performed Tue Feb 24 10:36:21 2015:						
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3FT	-0.001	0.699	0.000	62.165	88.882	0.071
5FT	-0.006	0.698	0.000	62.165	88.234	0.562
S1	-0.001	0.642	0.000	100.000	155.618	0.165
S2	-0.001	0.681	0.000	100.000	146.695	0.156
S3	-0.001	0.721	0.000	100.000	138.479	0.179
S4	-0.001	0.756	0.000	100.000	132.051	0.135
S5	-0.001	0.750	0.000	100.000	133.160	0.094
S6	-0.001	0.724	0.000	100.000	138.059	0.108
S7	-0.001	0.691	0.000	100.000	144.475	0.164
S8	-0.001	0.652	0.000	100.000	153.053	0.151

Gamma Ray Calibration Report			
Serial Number:	10024770		
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 and Gas Onshore LP
	Well	Greenleaf 29C-2HZ
	Field	Wattenberg
	County	Weld
	State	Colorado