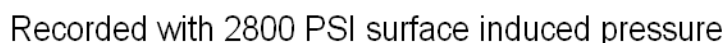




<<< Fold Here >>>
<p>All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible 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.</p>
Comments
<p>Log ran as per customer request. Depth referenced to casing tally reported liner top at 6664 FT. Adjusted log +7 FT to correlate with liner top. Gauge ring/junk basket ran to 7465 FT no debris was found after run. Log ran from 7465 FT to surface. Log ran with 2800 PSI surface induced pressure. No debris found on logging tools upon completion of run.</p> <p>Thank you for choosing FMC Technologies Completion Services, Inc.!!</p>



Database File:0512338907_anadarko_barclay 26n-11hz_05-21-15_mit_rbl.db

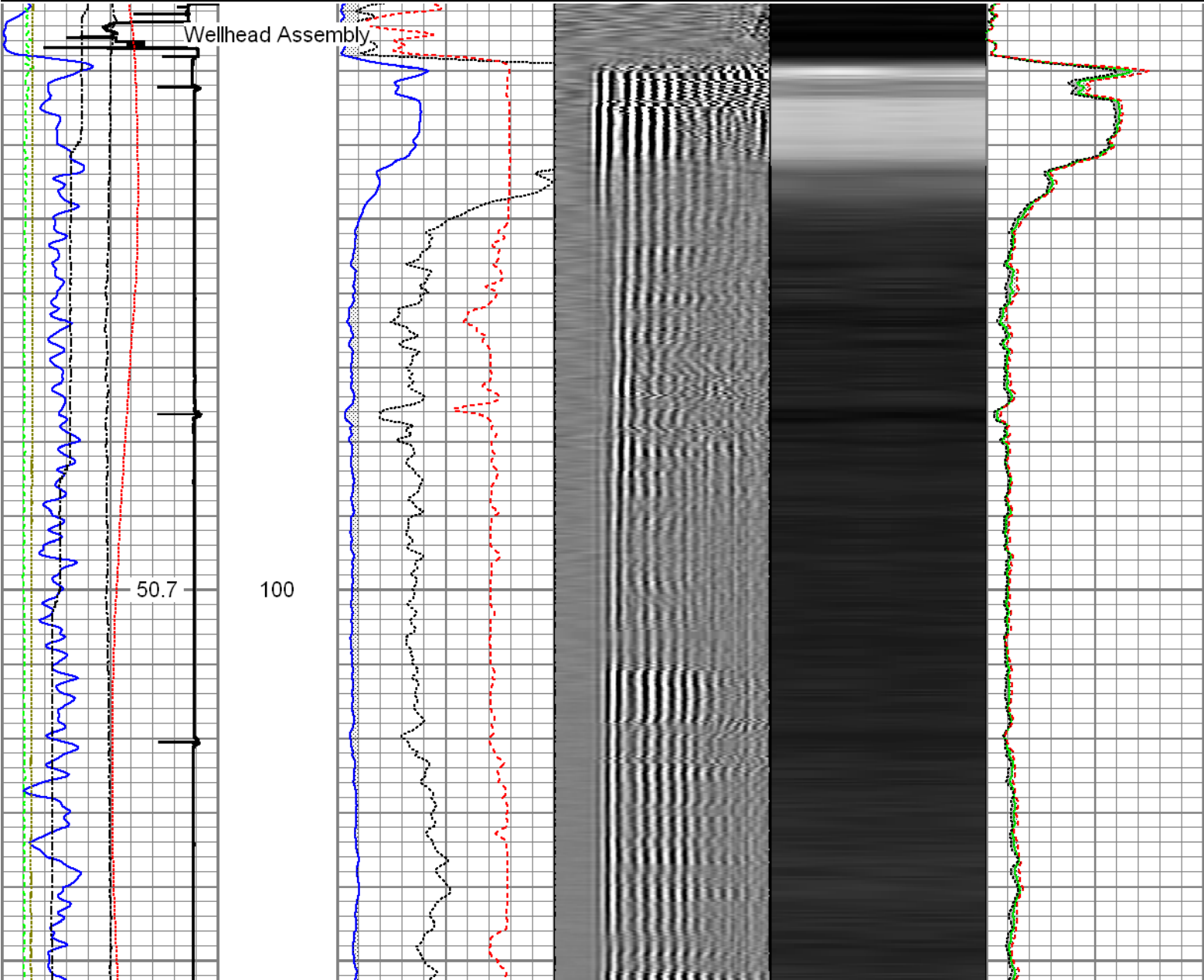
Dataset Pathname:pass4

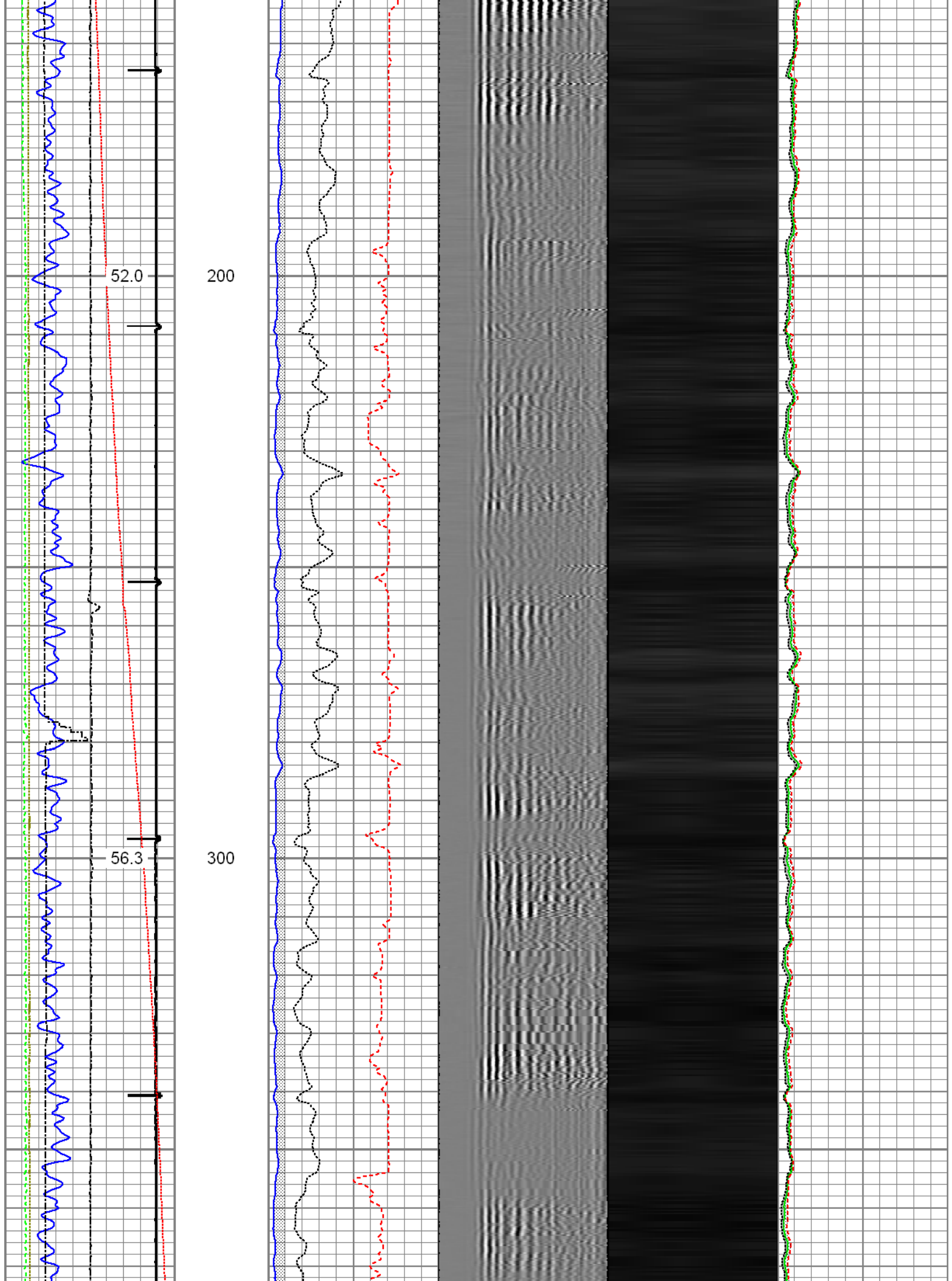
Presentation Format:rbt4_mit

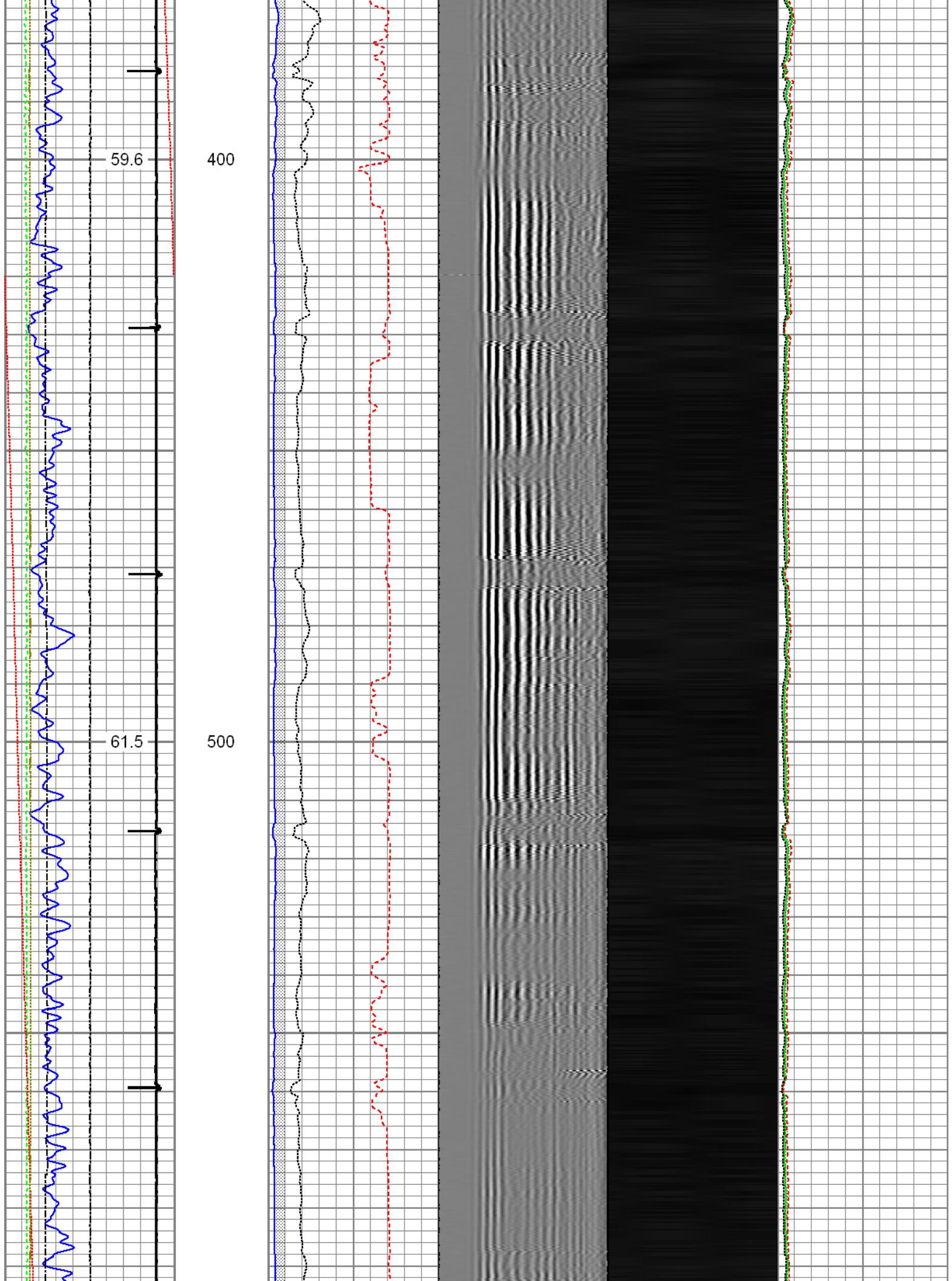
Dataset Creation:Thu May 21 09:15:47 2015 by Log 7.0 B1

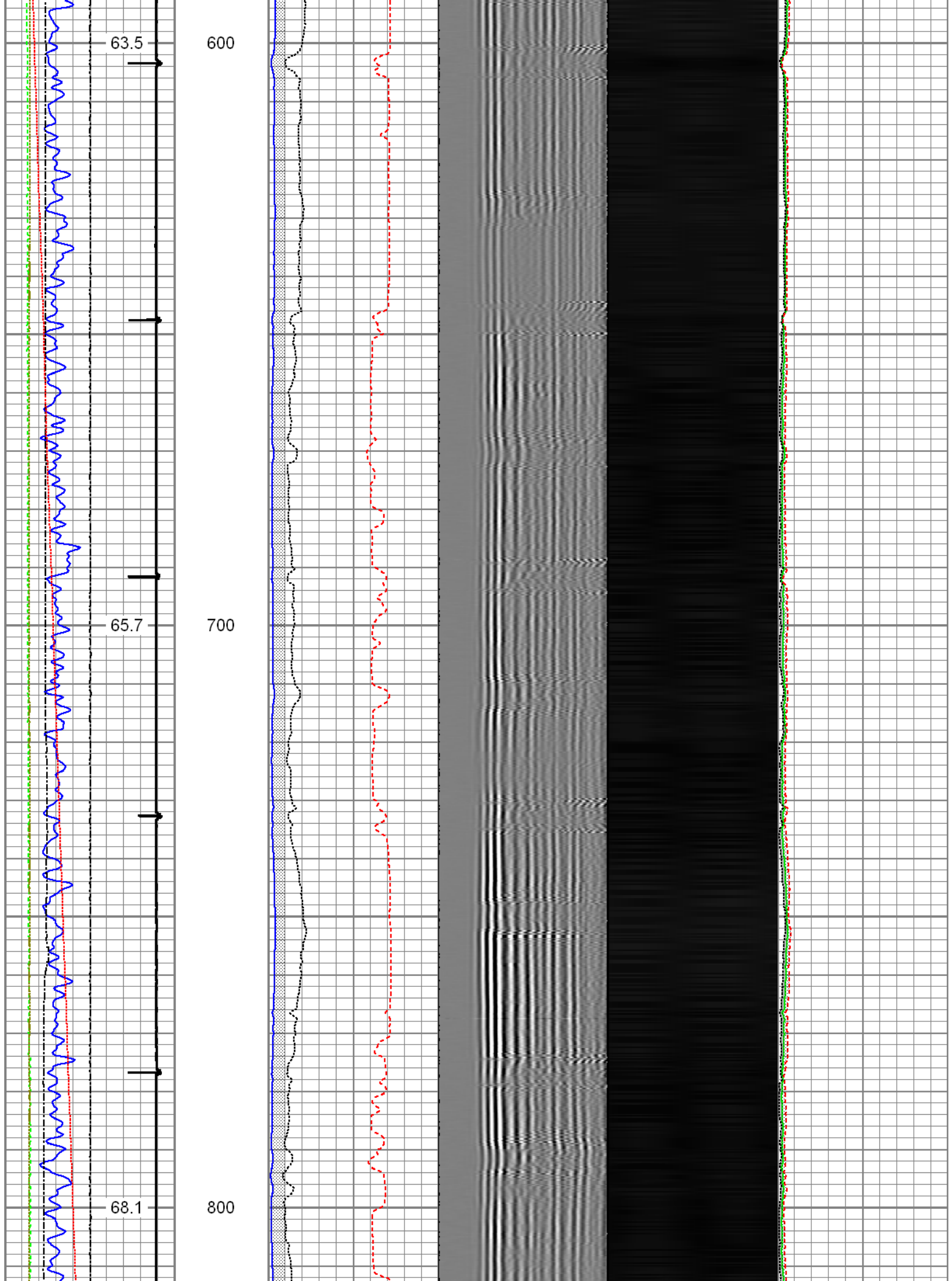
Charted by:Depth in Feet scaled 1:240

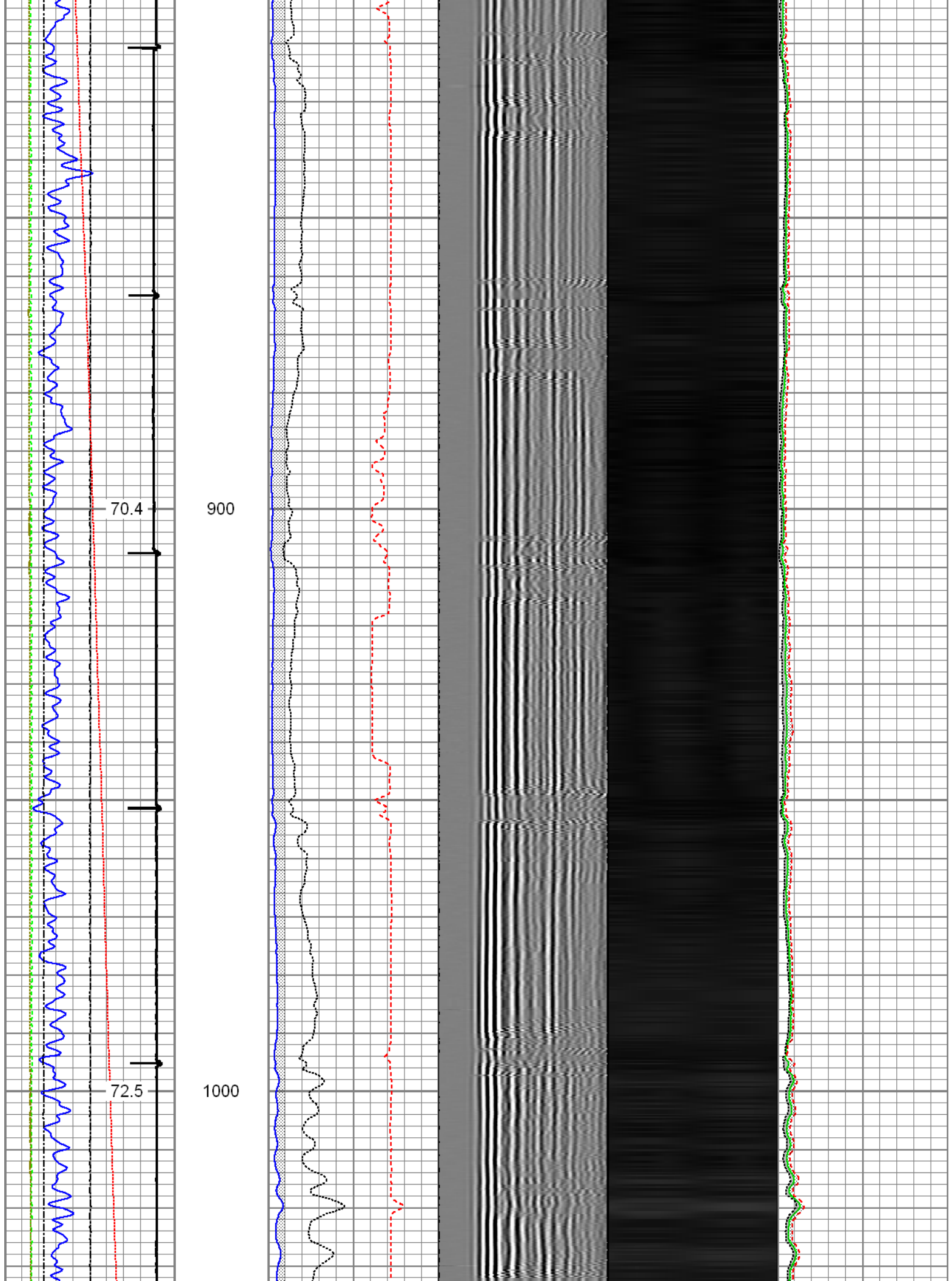
Gamma Ray	3' Amplitude	5' Variable Density Log	Sector Map	Average Amplitude
0 (GAPI) 120	0 (mV) 100	200 1200		0 100
Casing Collar Locator	3' Amplitude x 5			Minimum Amplitude
Line Speed	0 (mV) 20			0 100
-100 (ft/min) 100	3' Travel Time			Maximum Amplitude
Line Tension	650 (usec) 150			0 100
0 (lb) 2000				
Differential Temperature				
-2 (degF) 2				
Temperature				
0 (degF) 20				
-10 Deviation (°) 90				

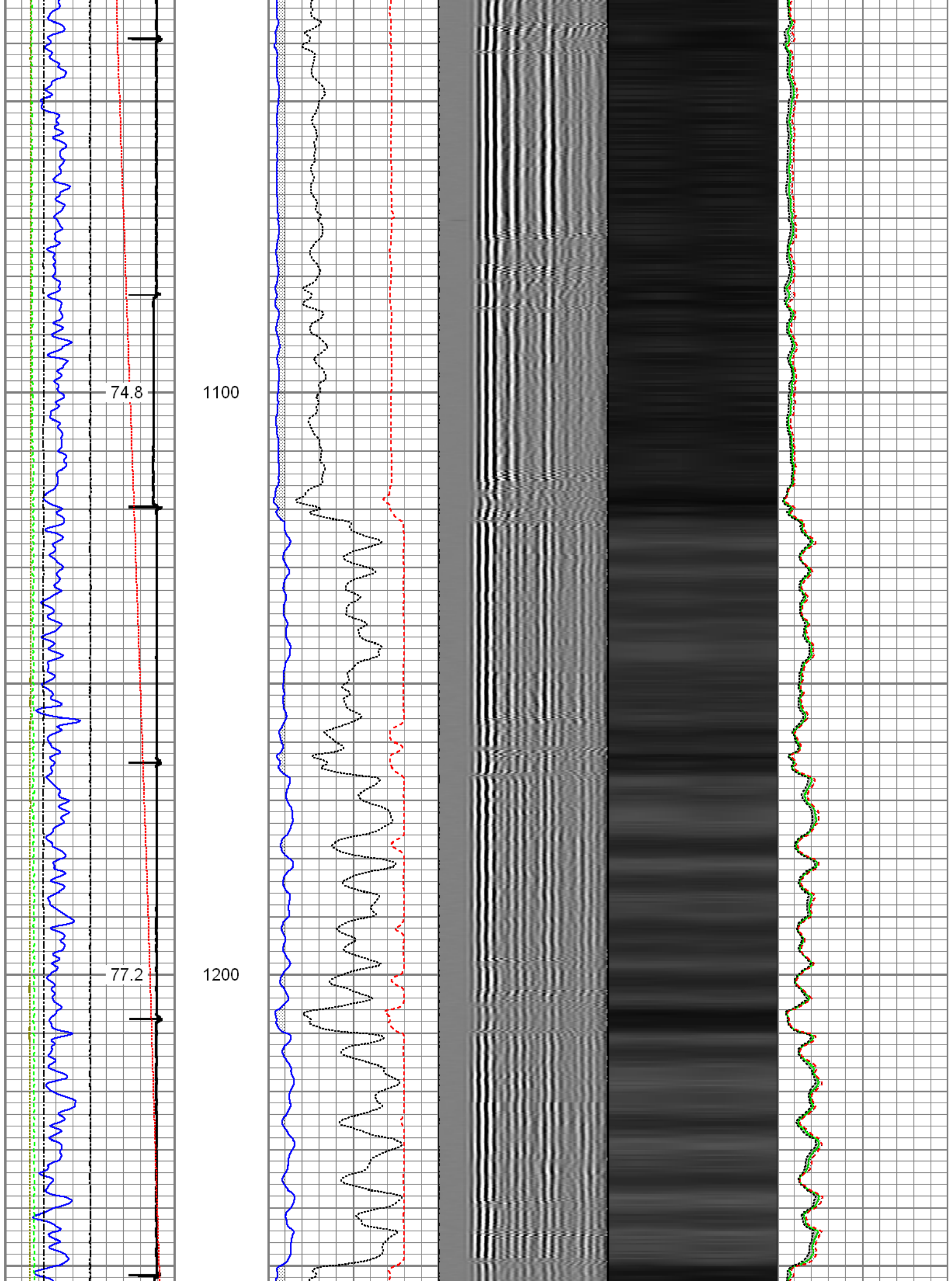


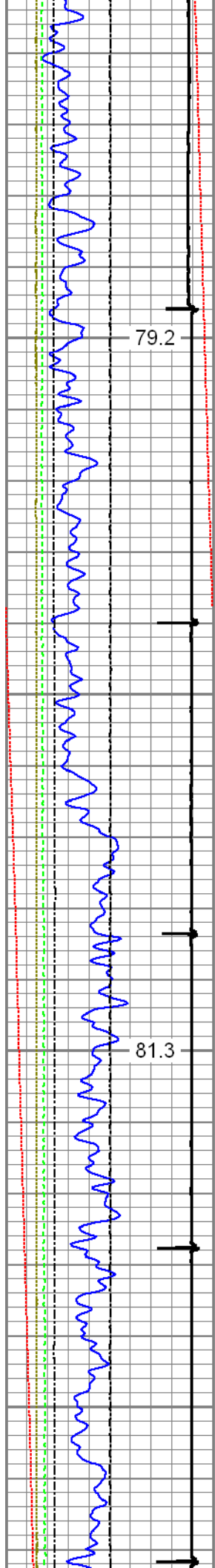






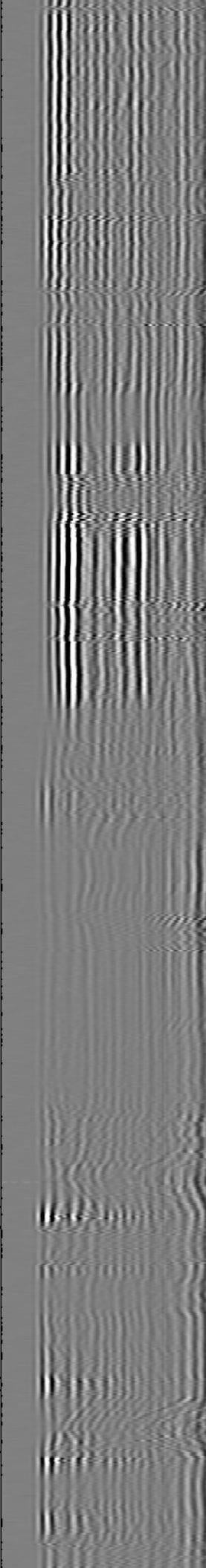
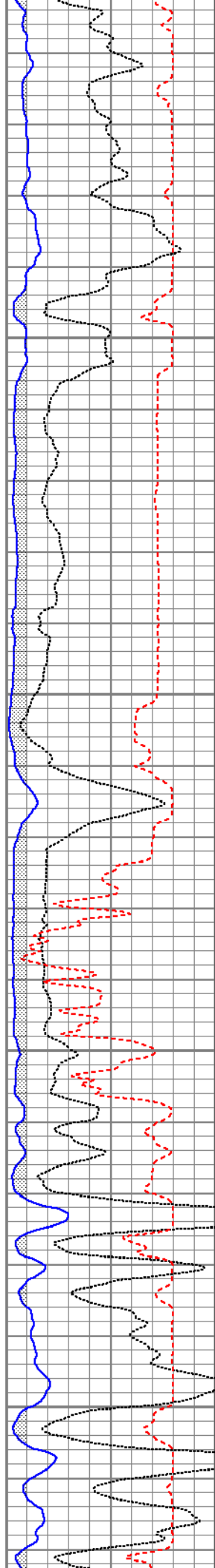


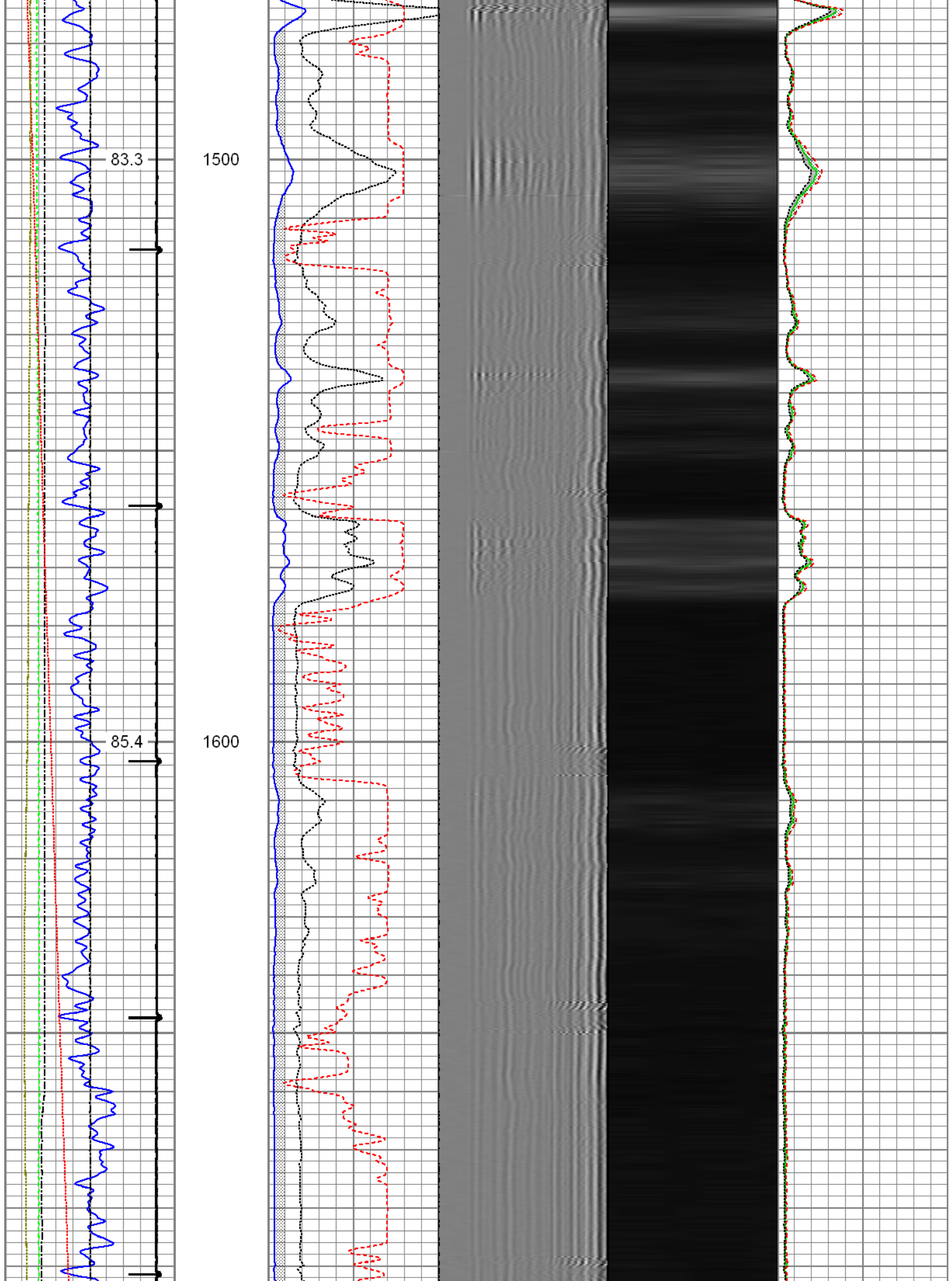


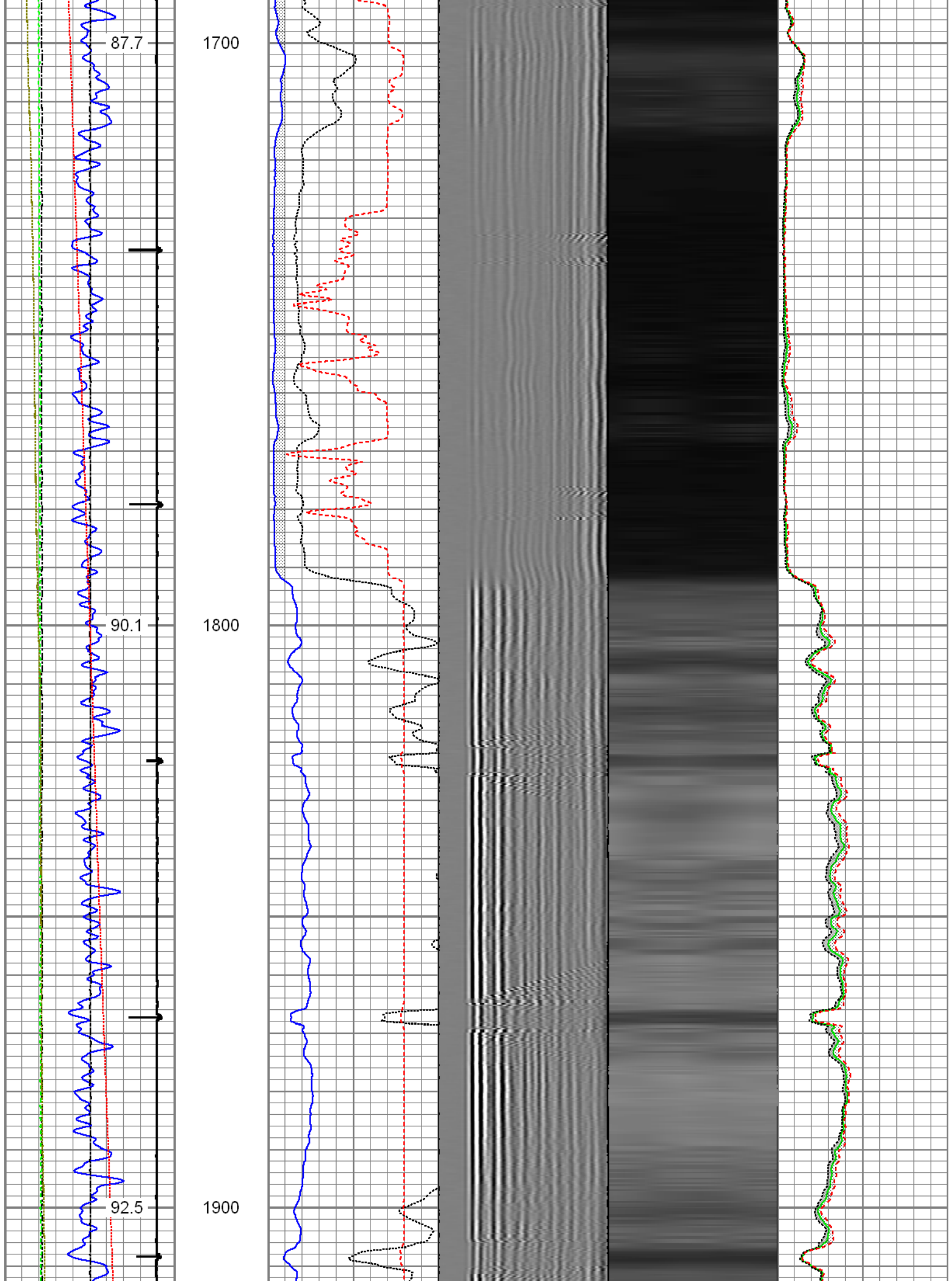


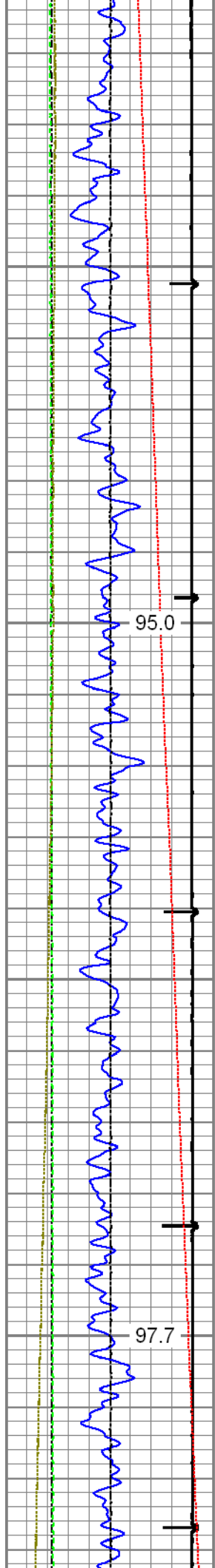
1300

1400



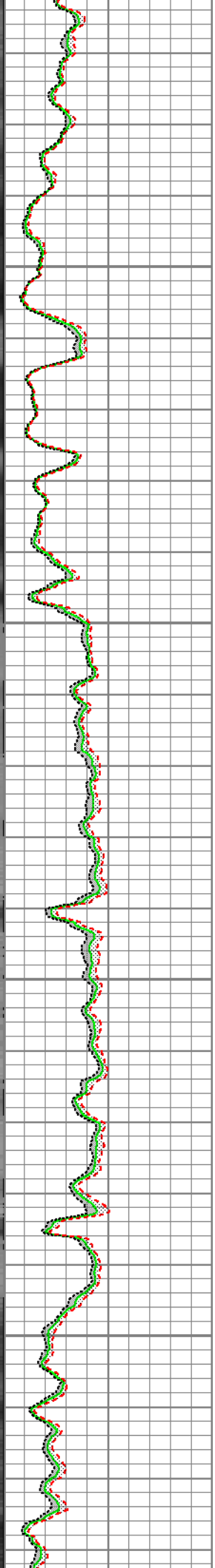
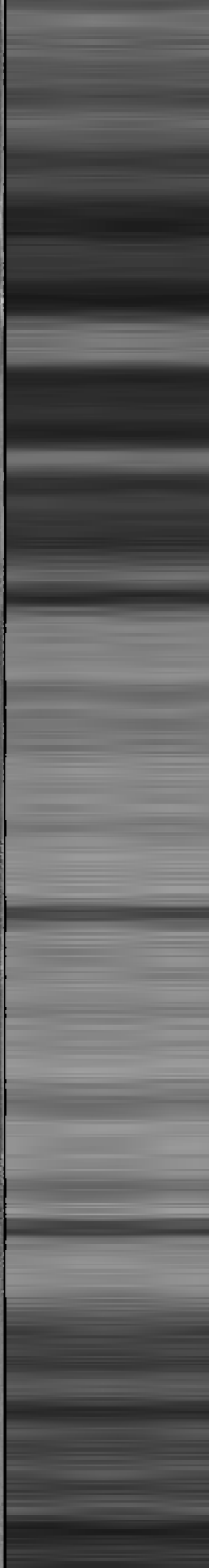
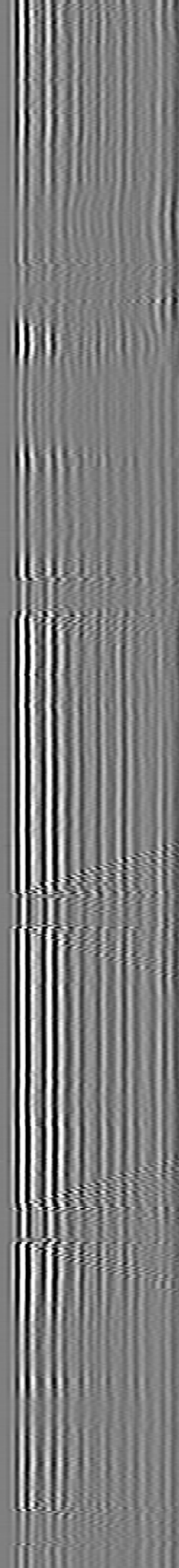
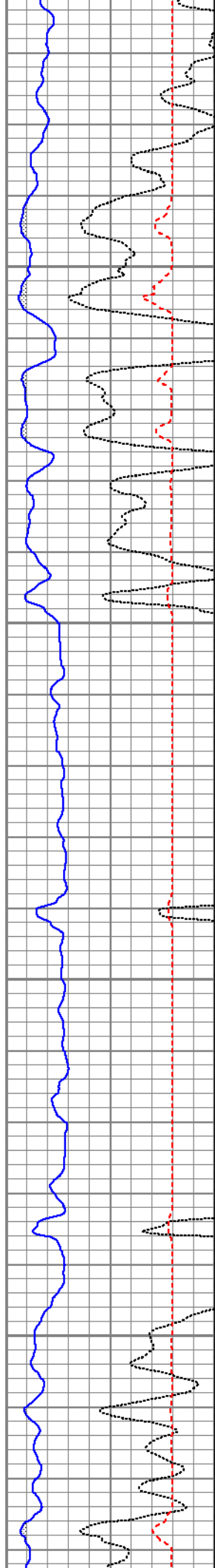


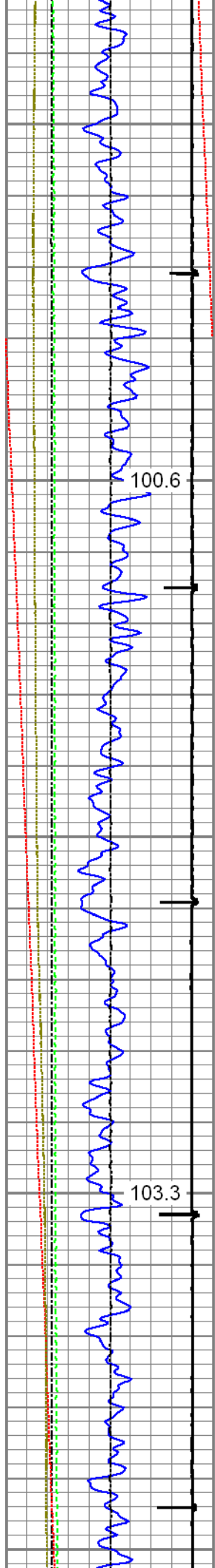




2000

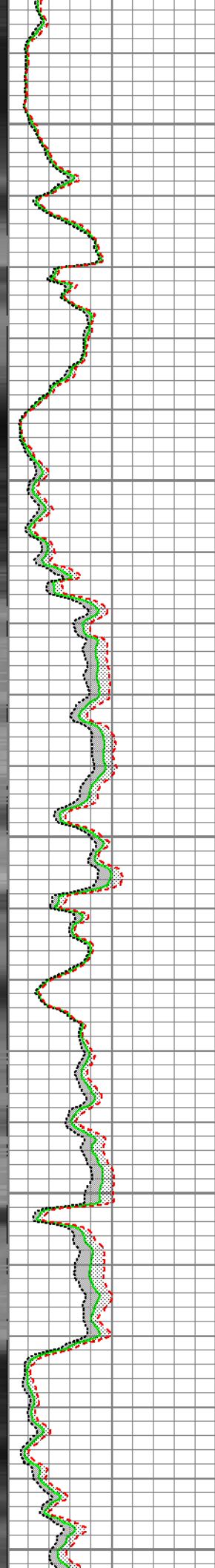
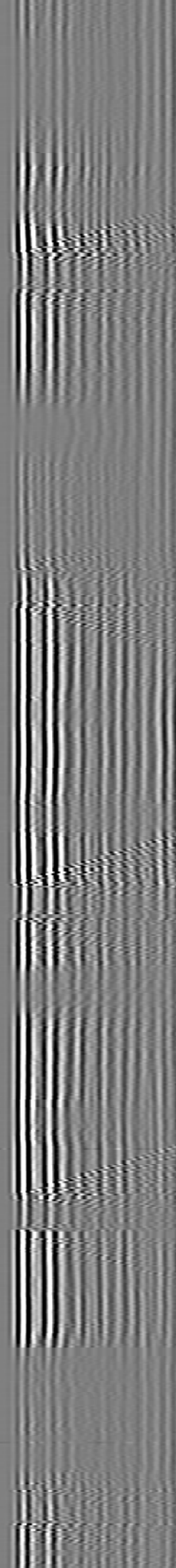
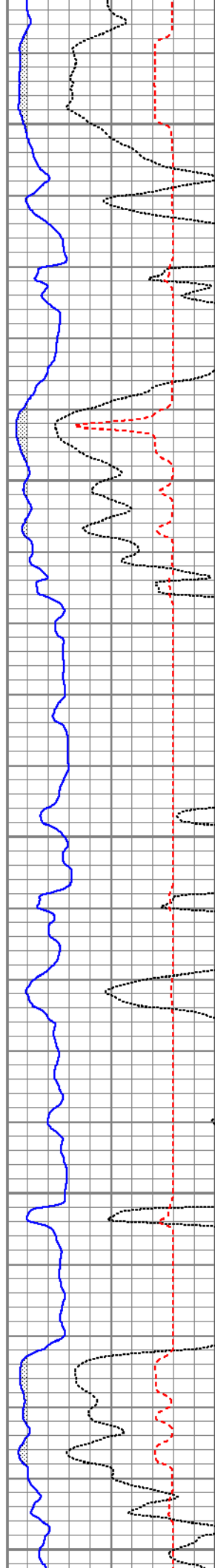
2100

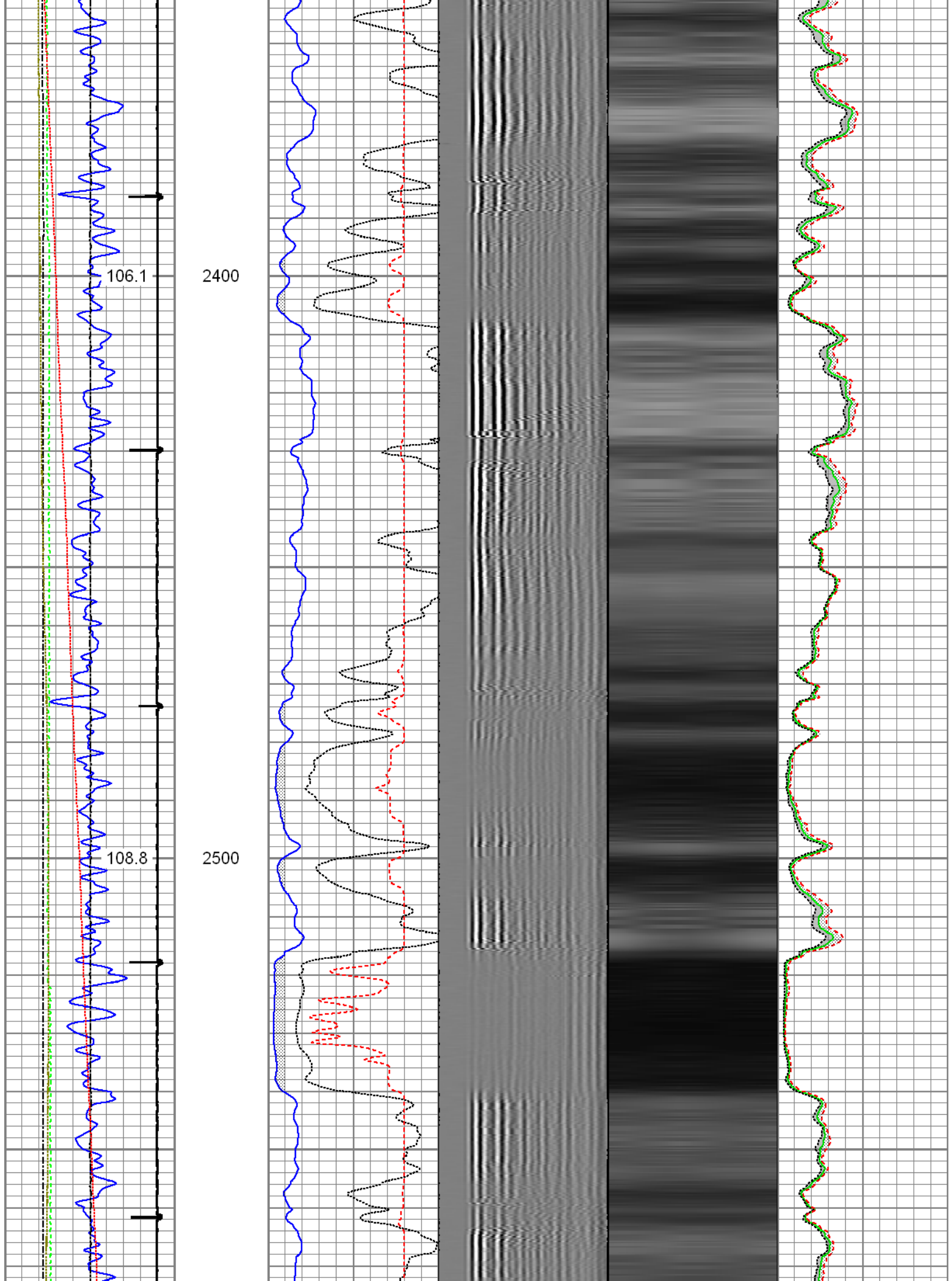


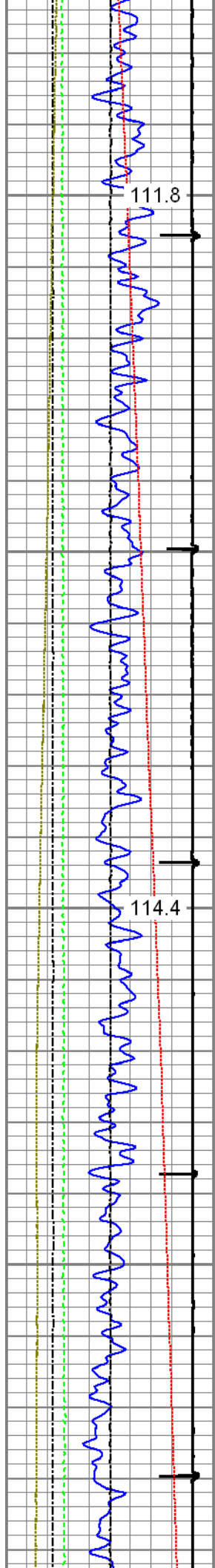


2200

2300

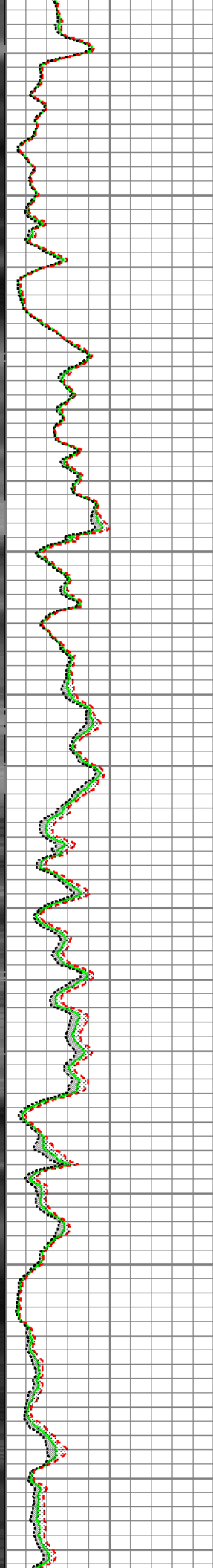
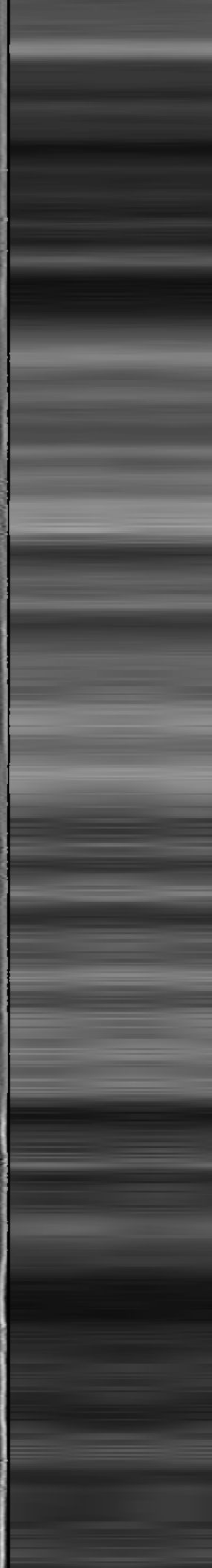
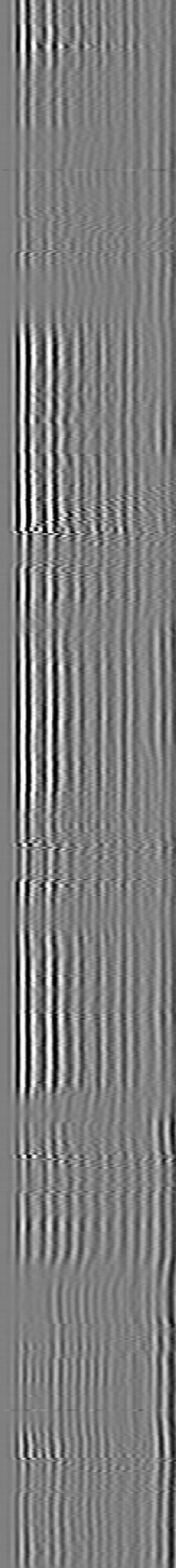
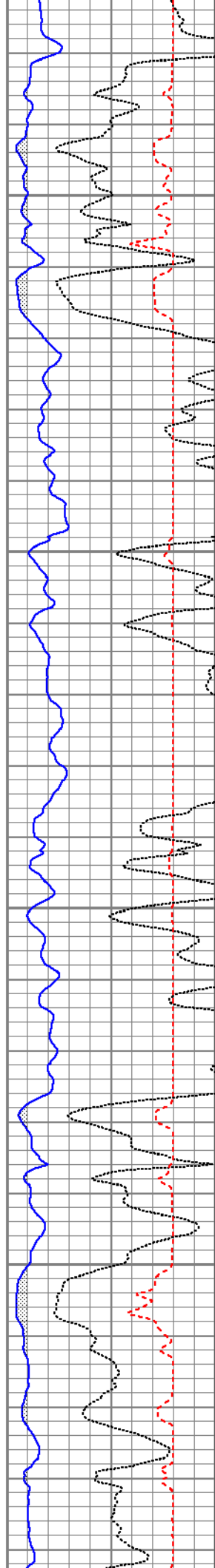


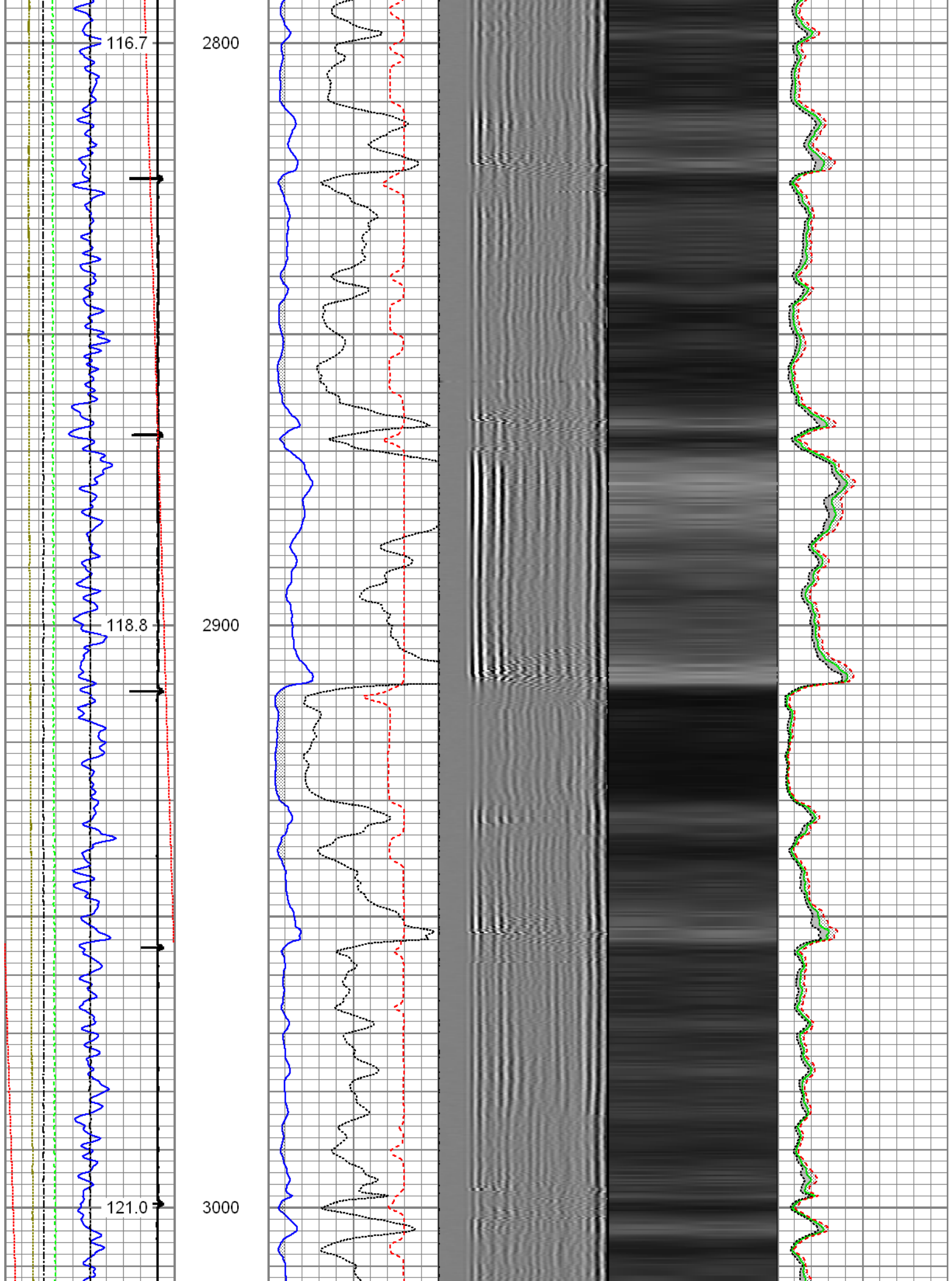


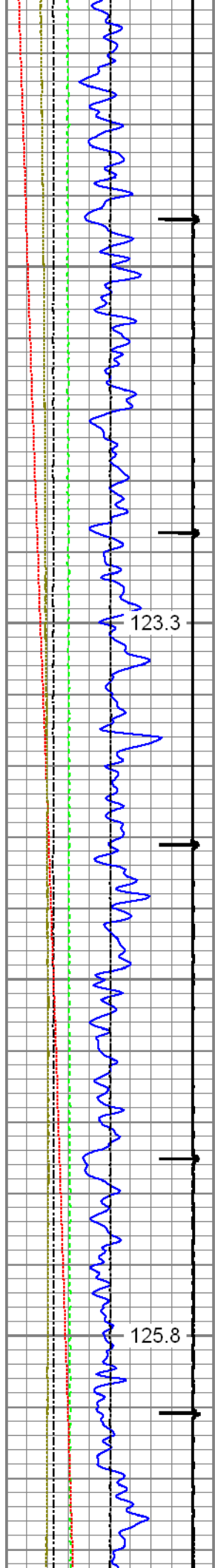


2600

2700

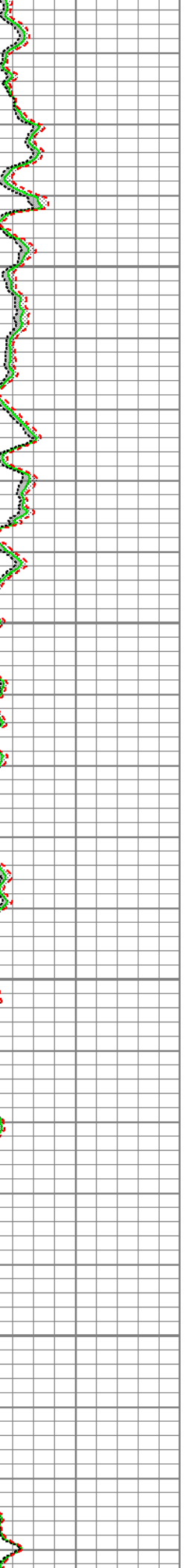
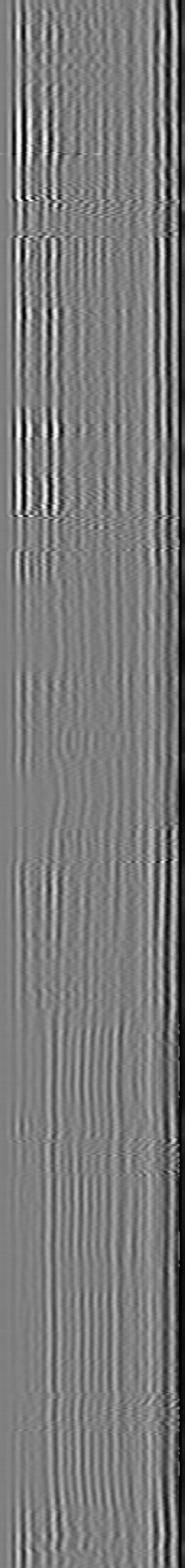
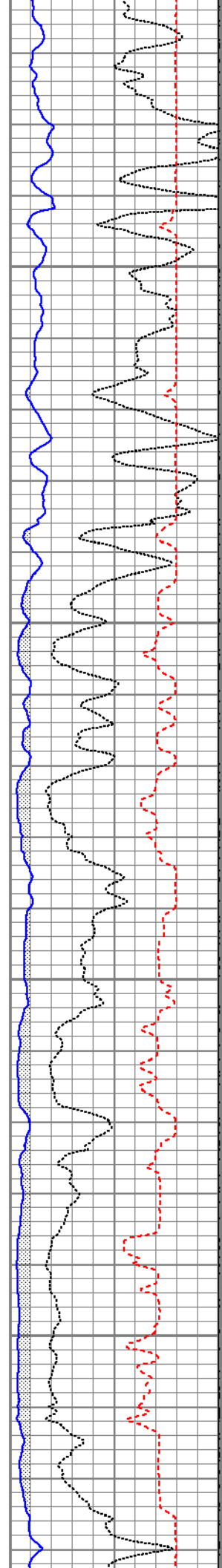


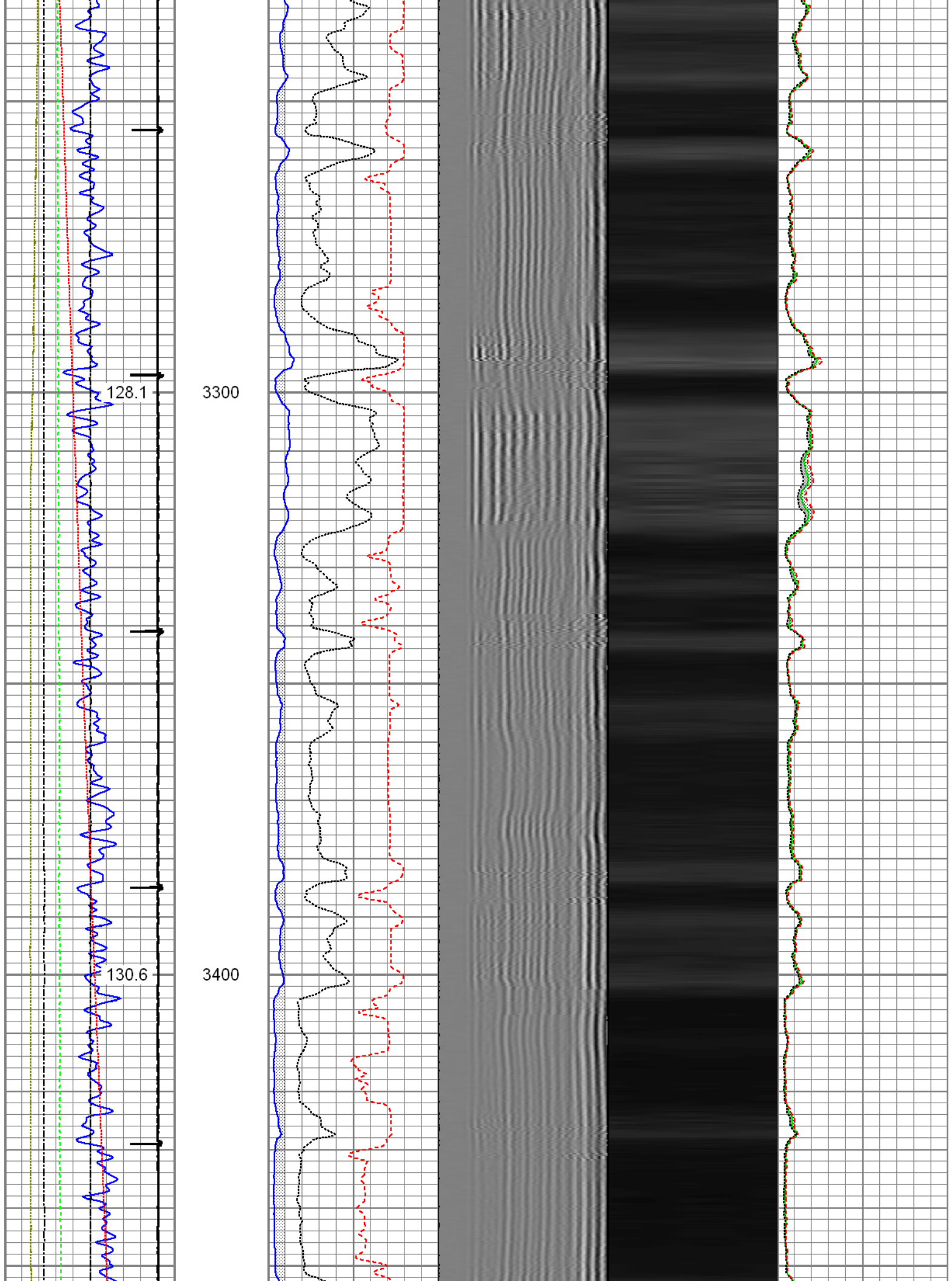


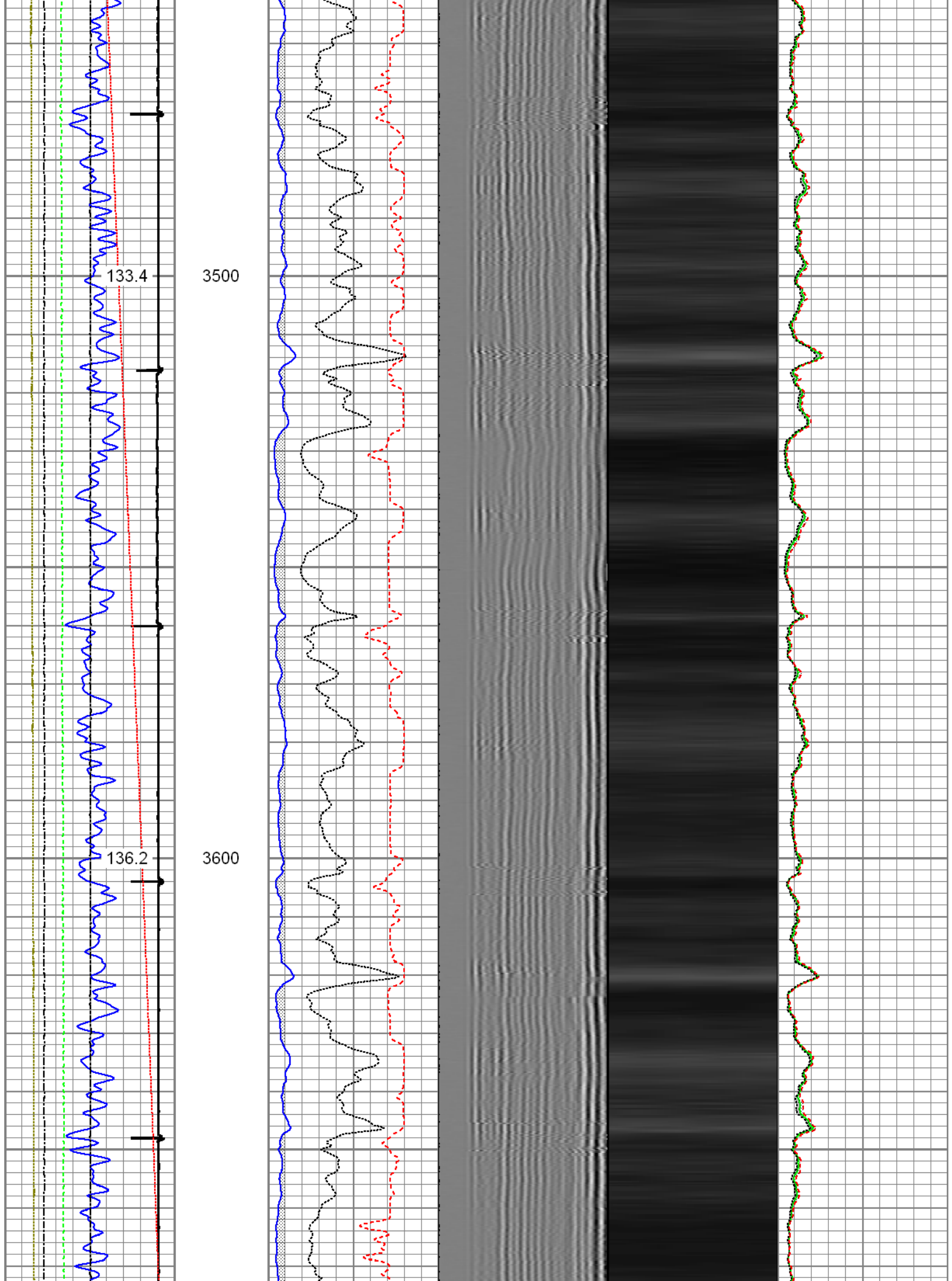


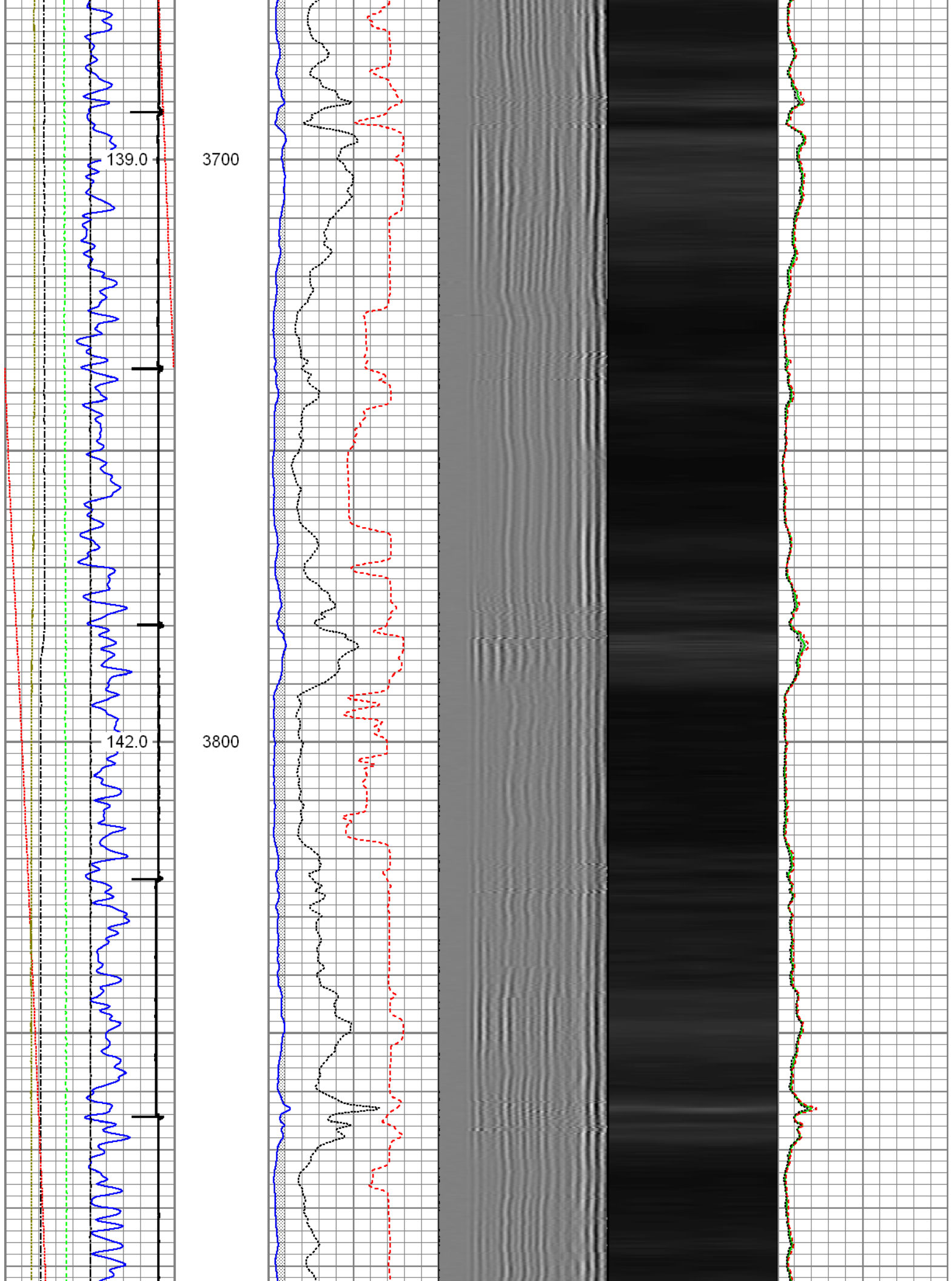
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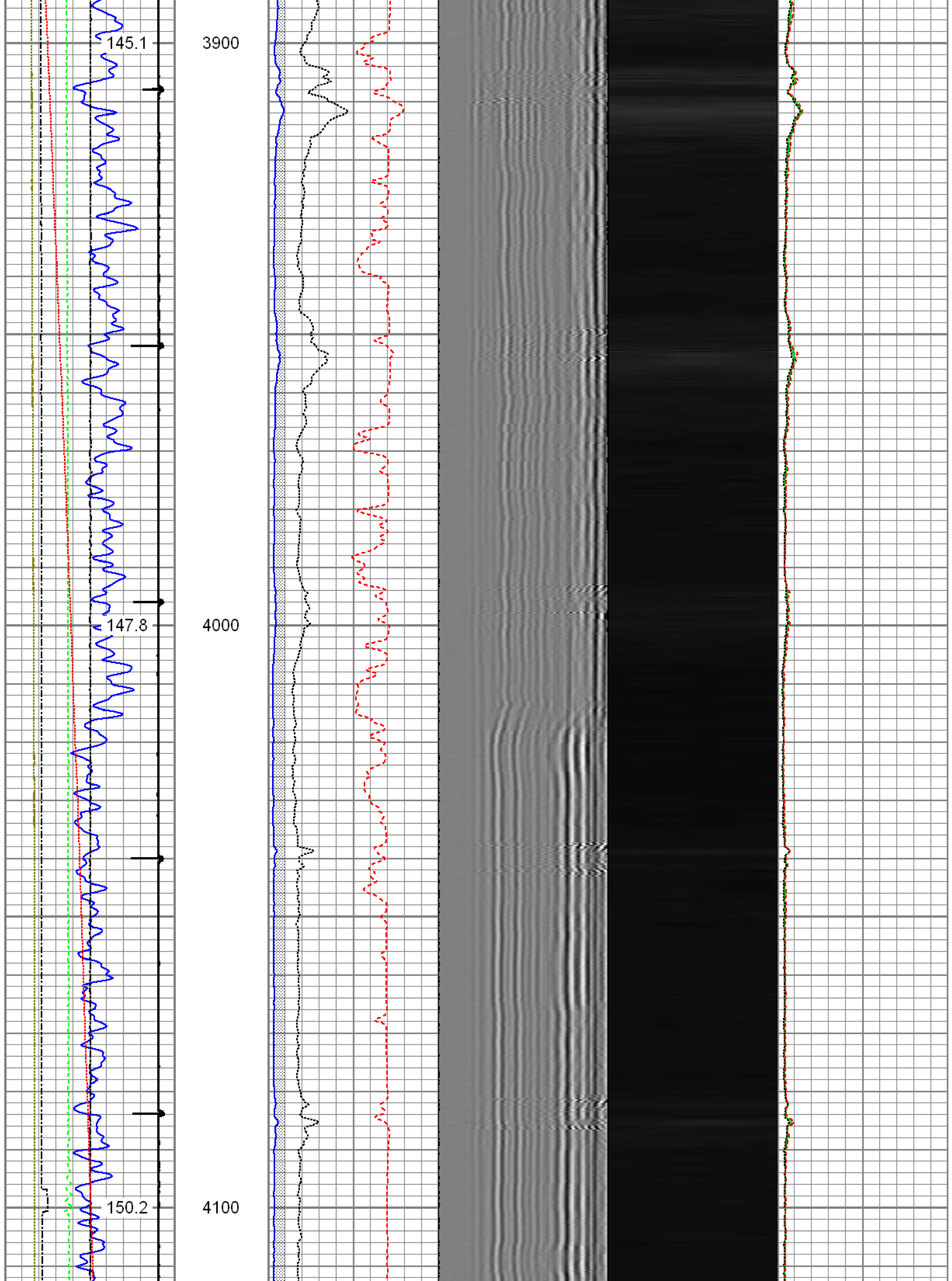
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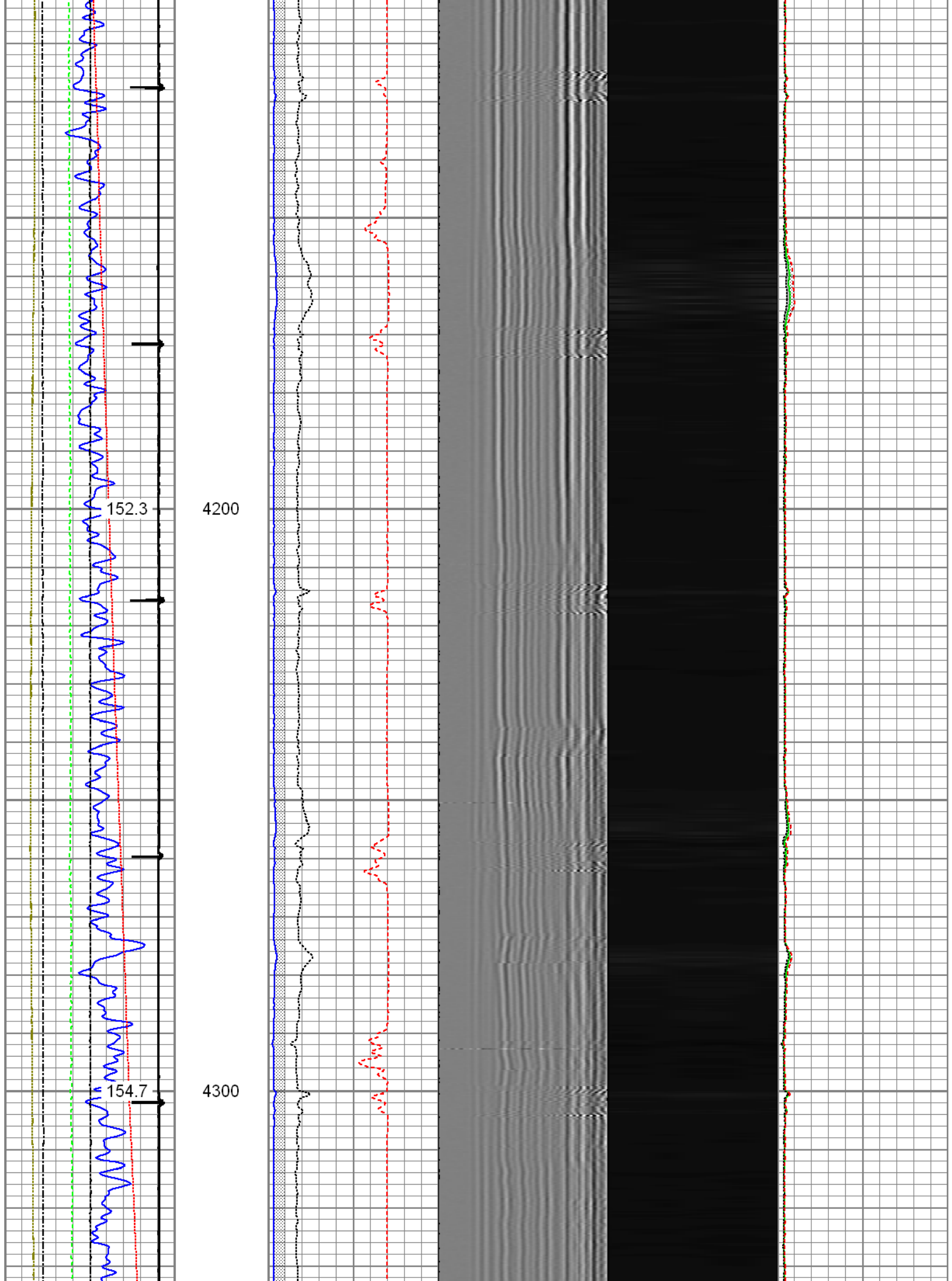


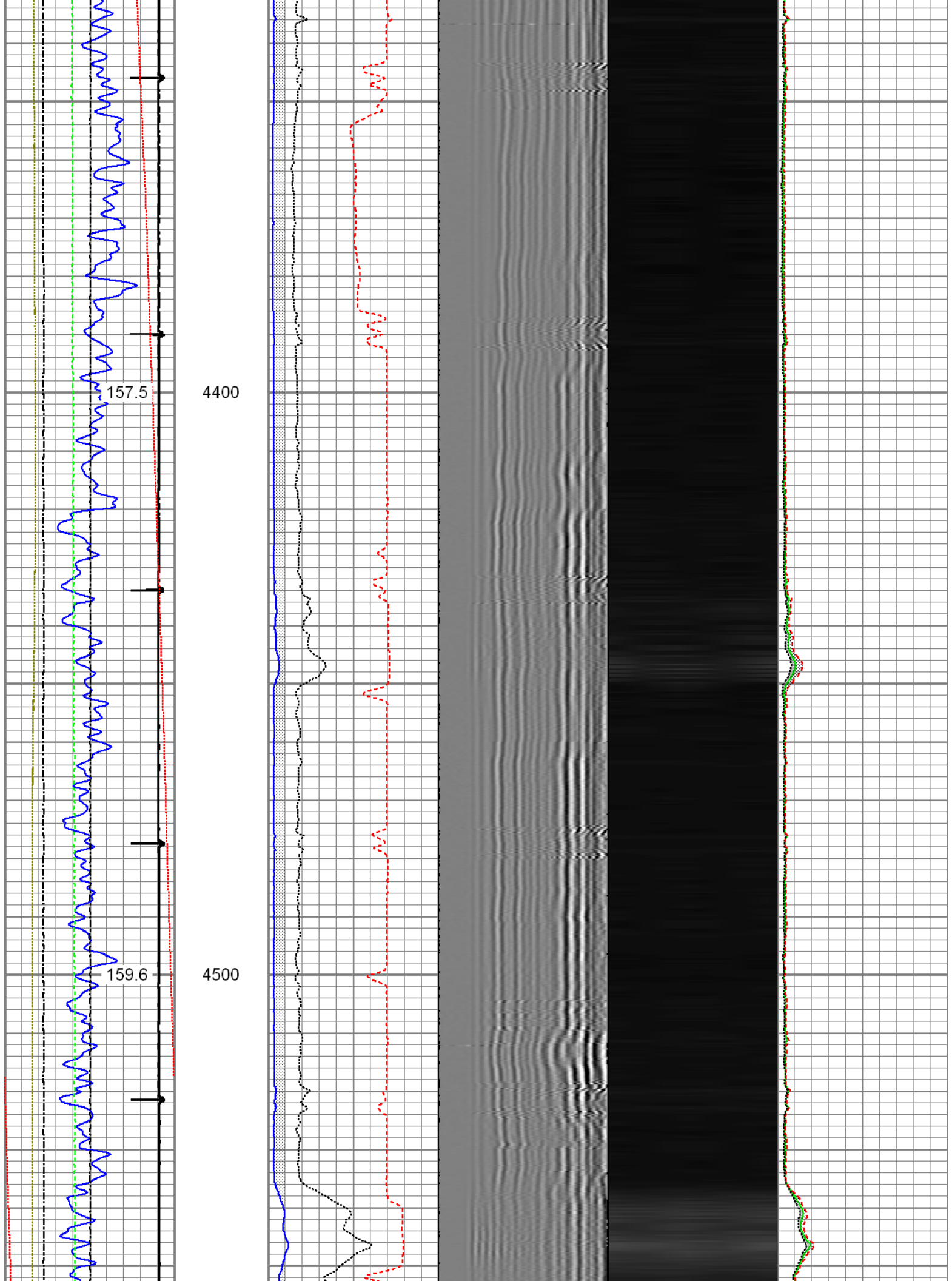


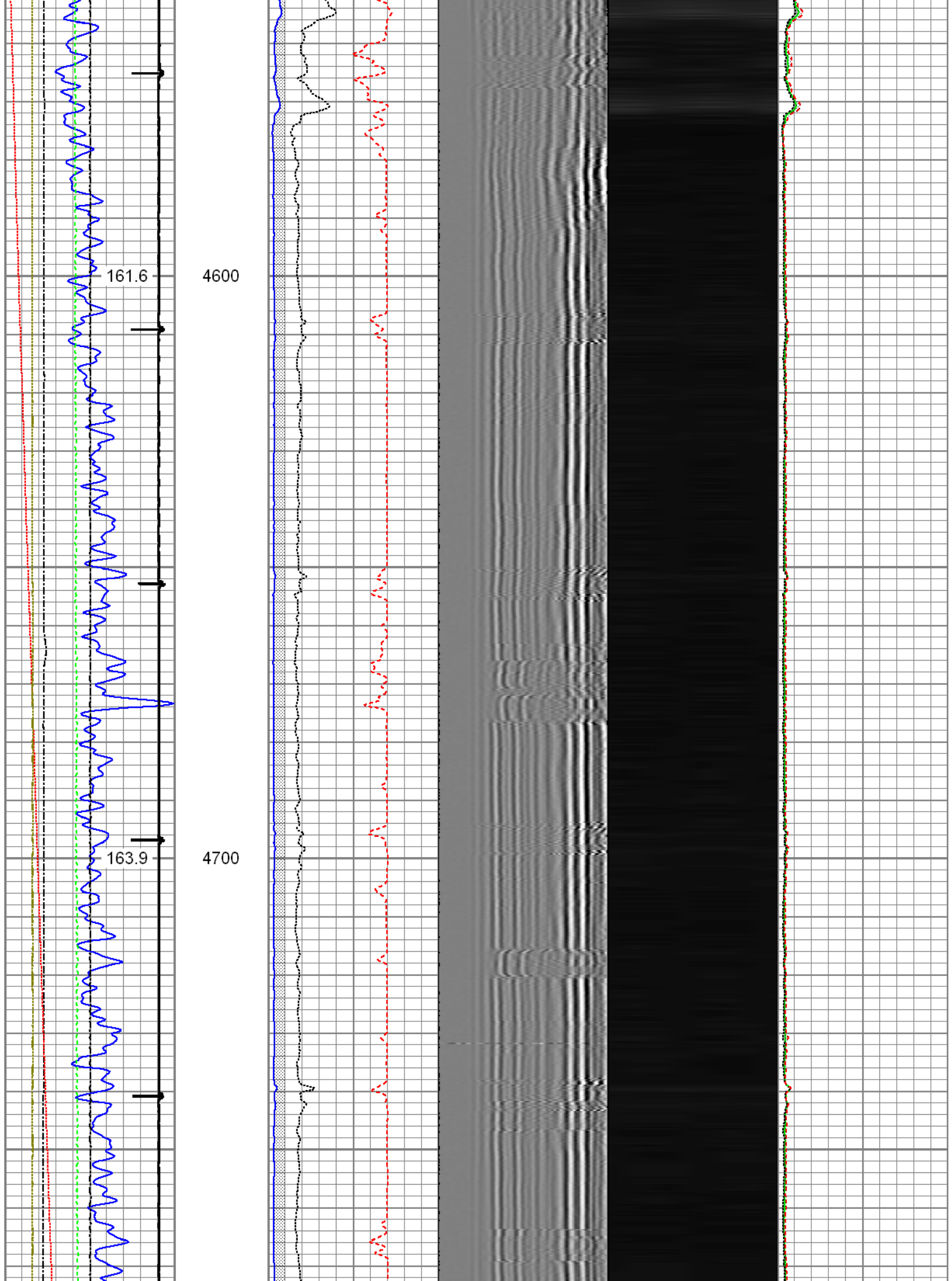


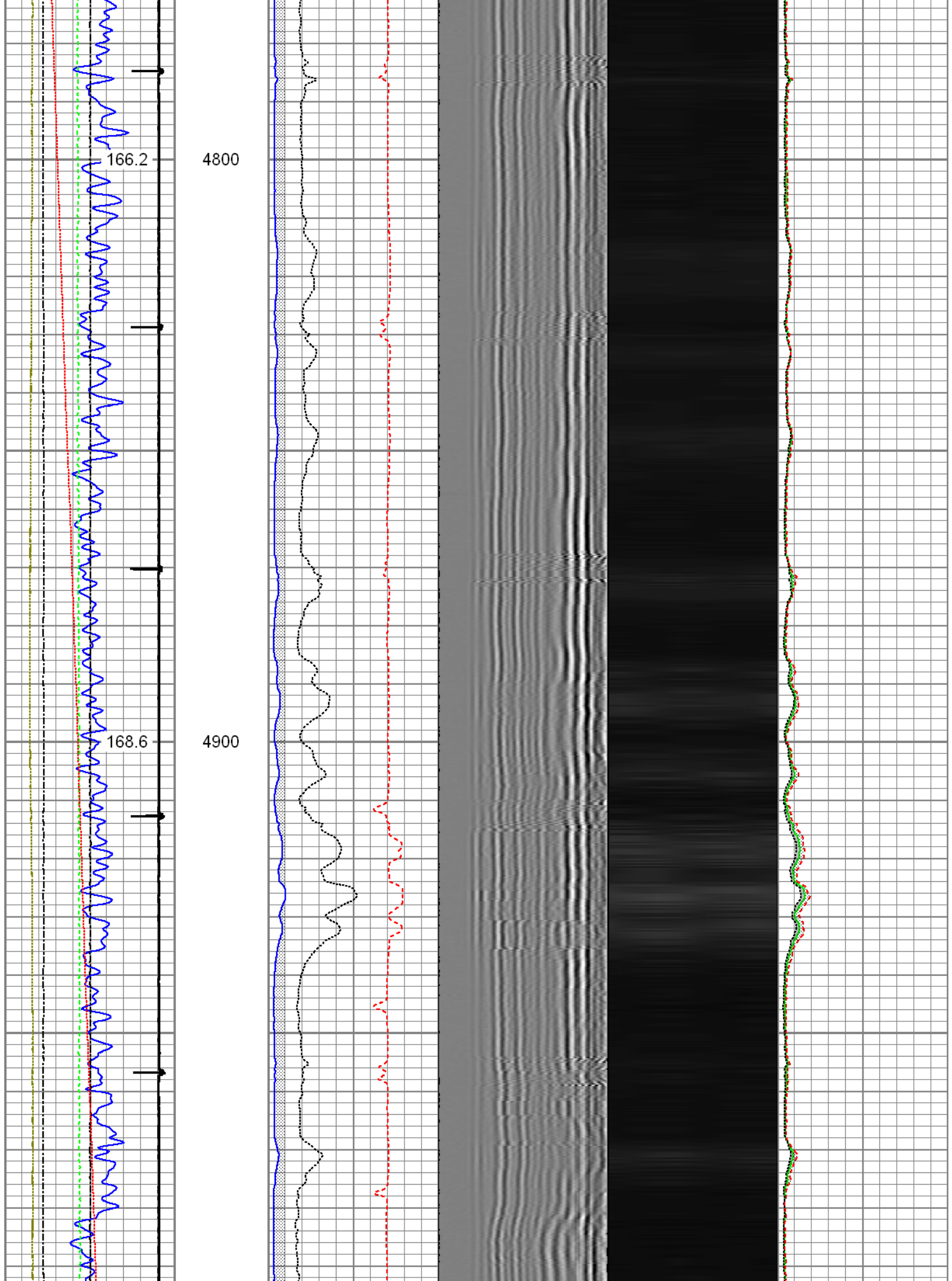


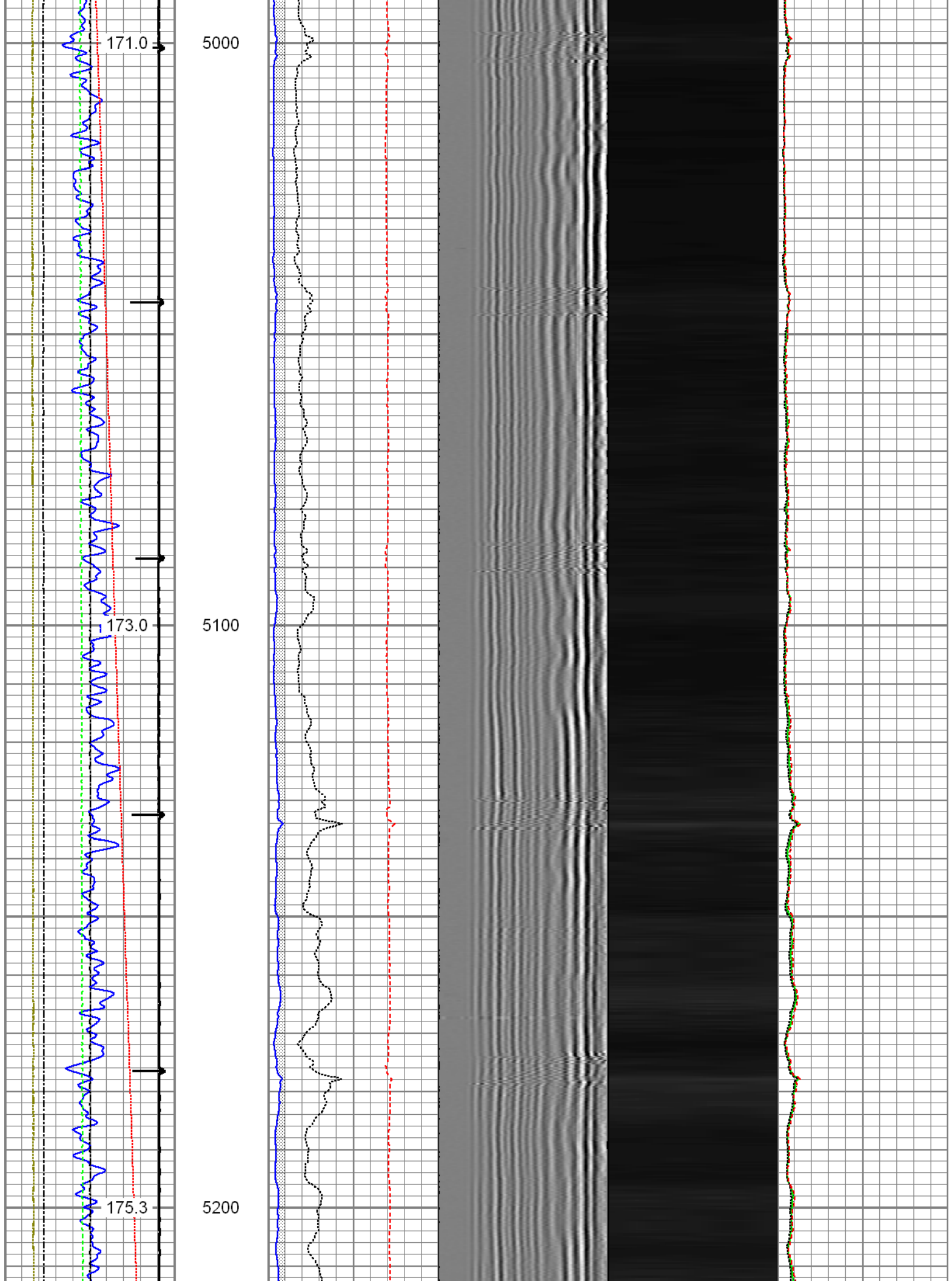


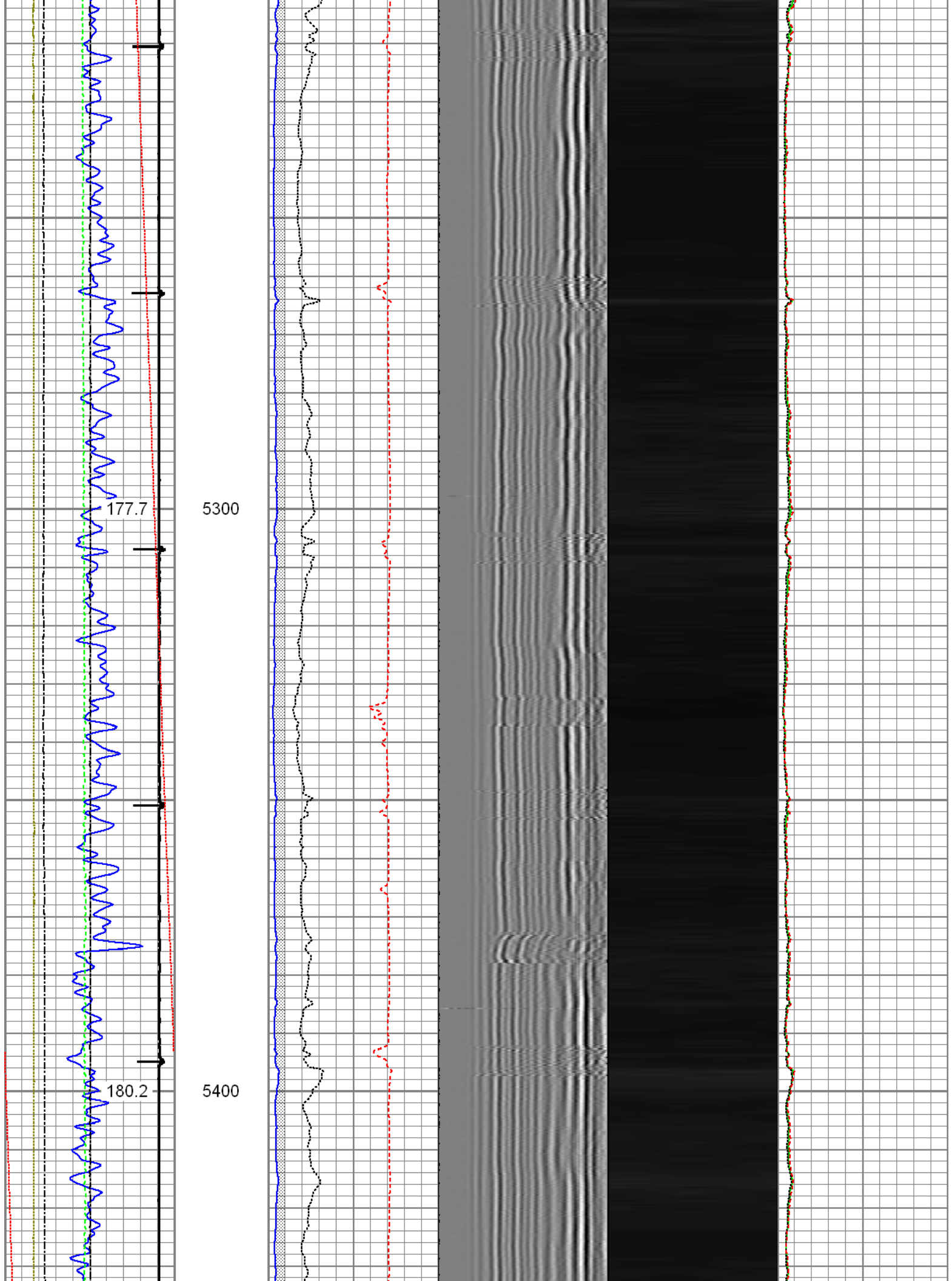


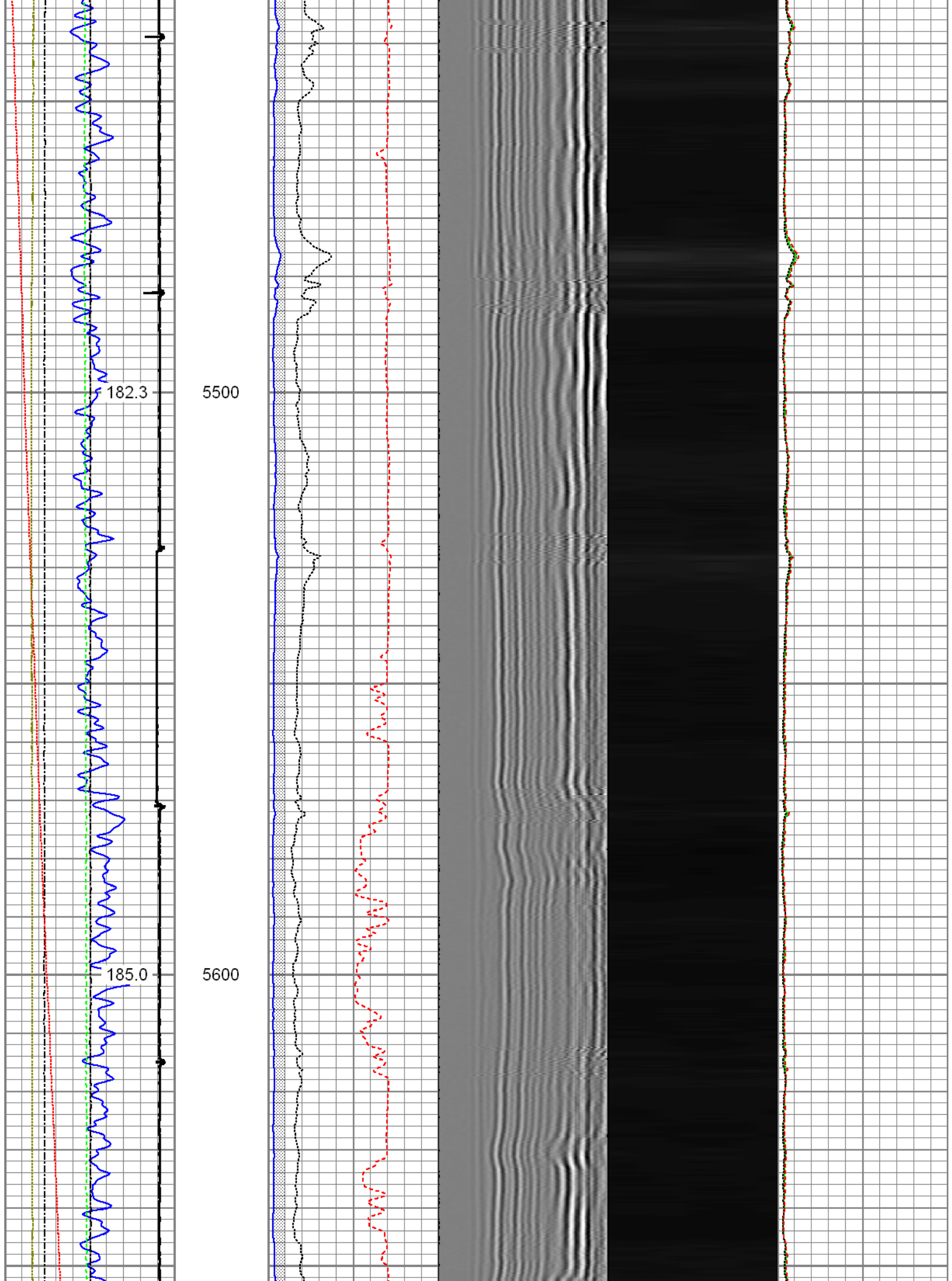


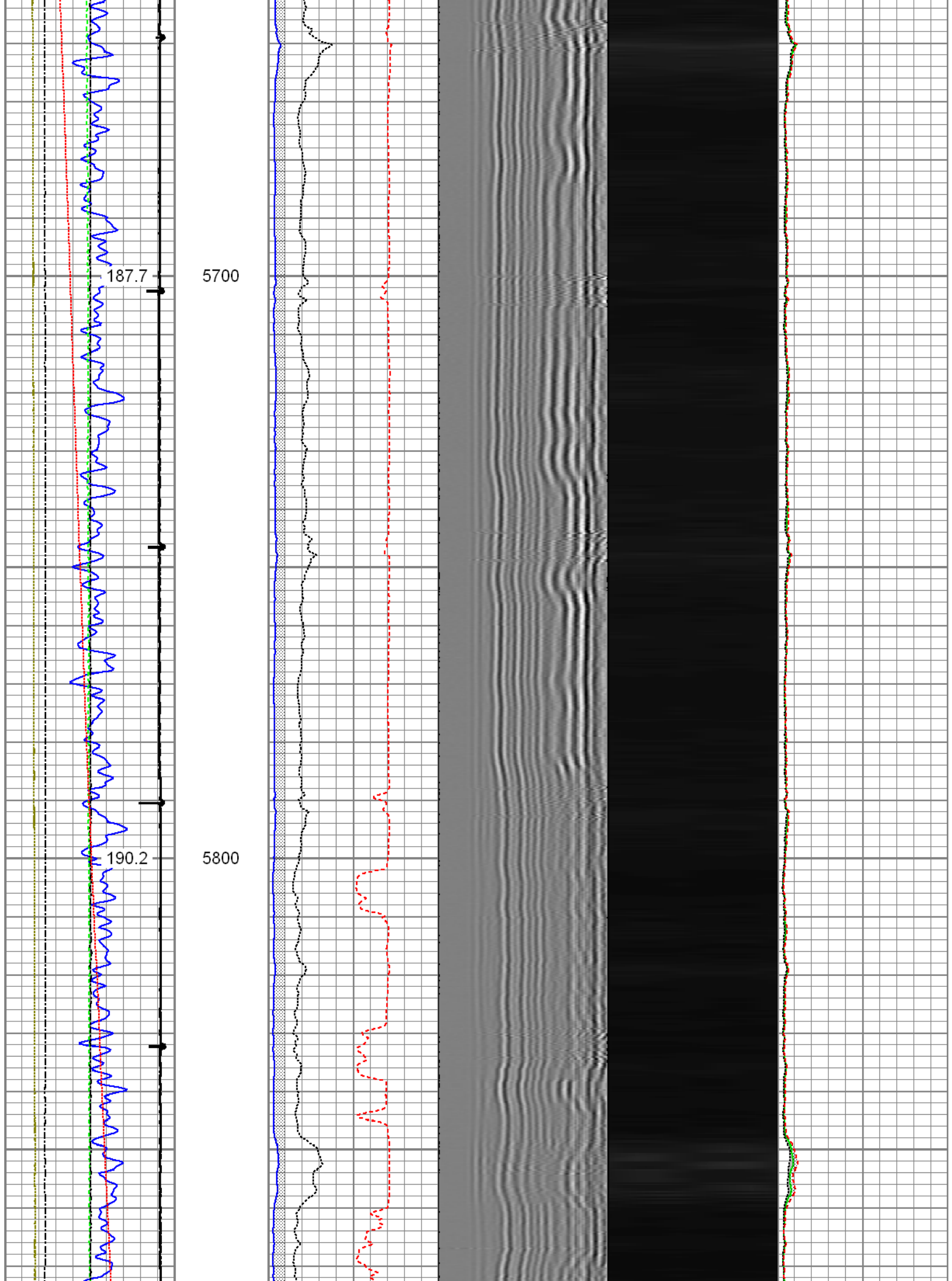


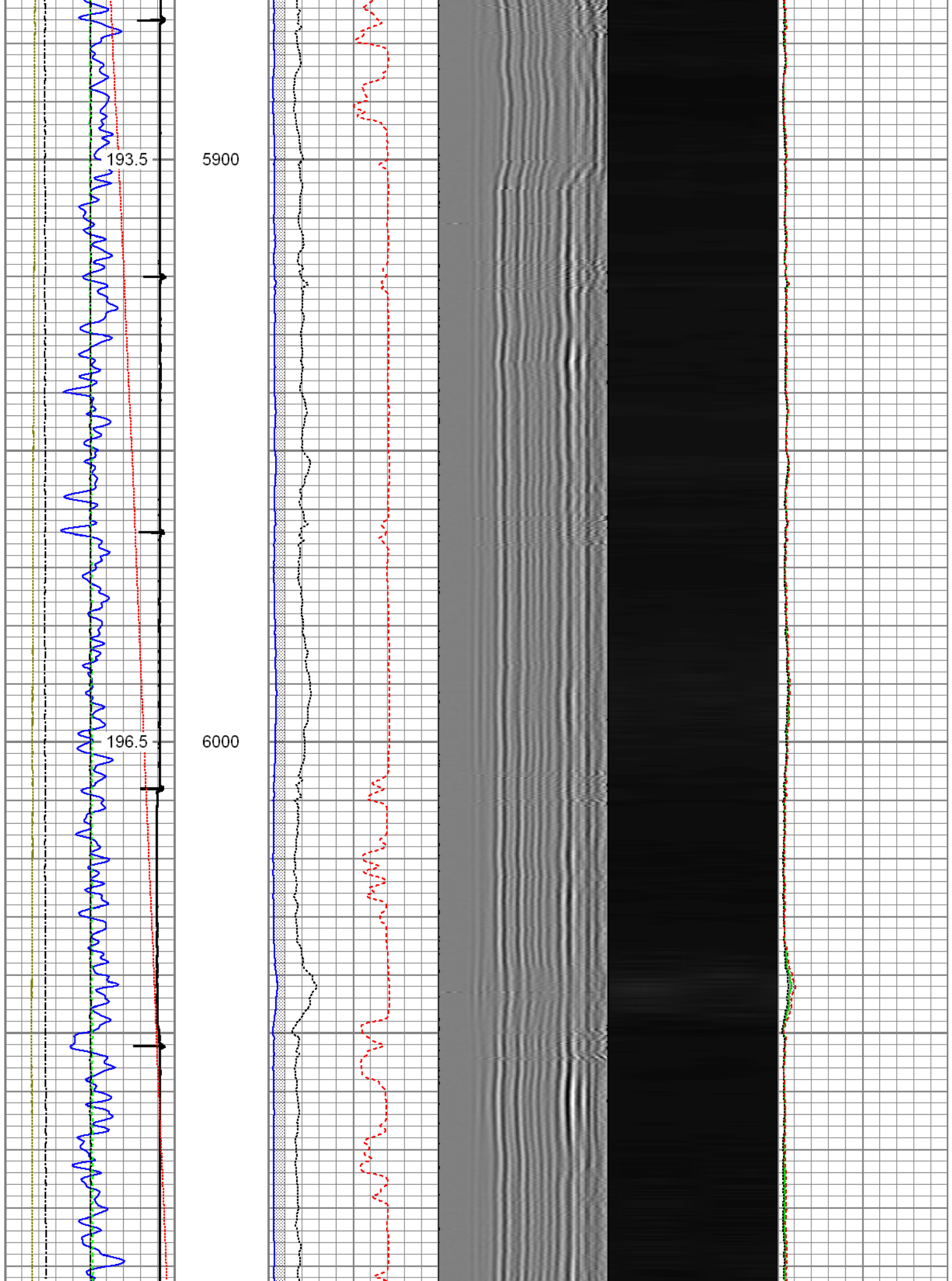


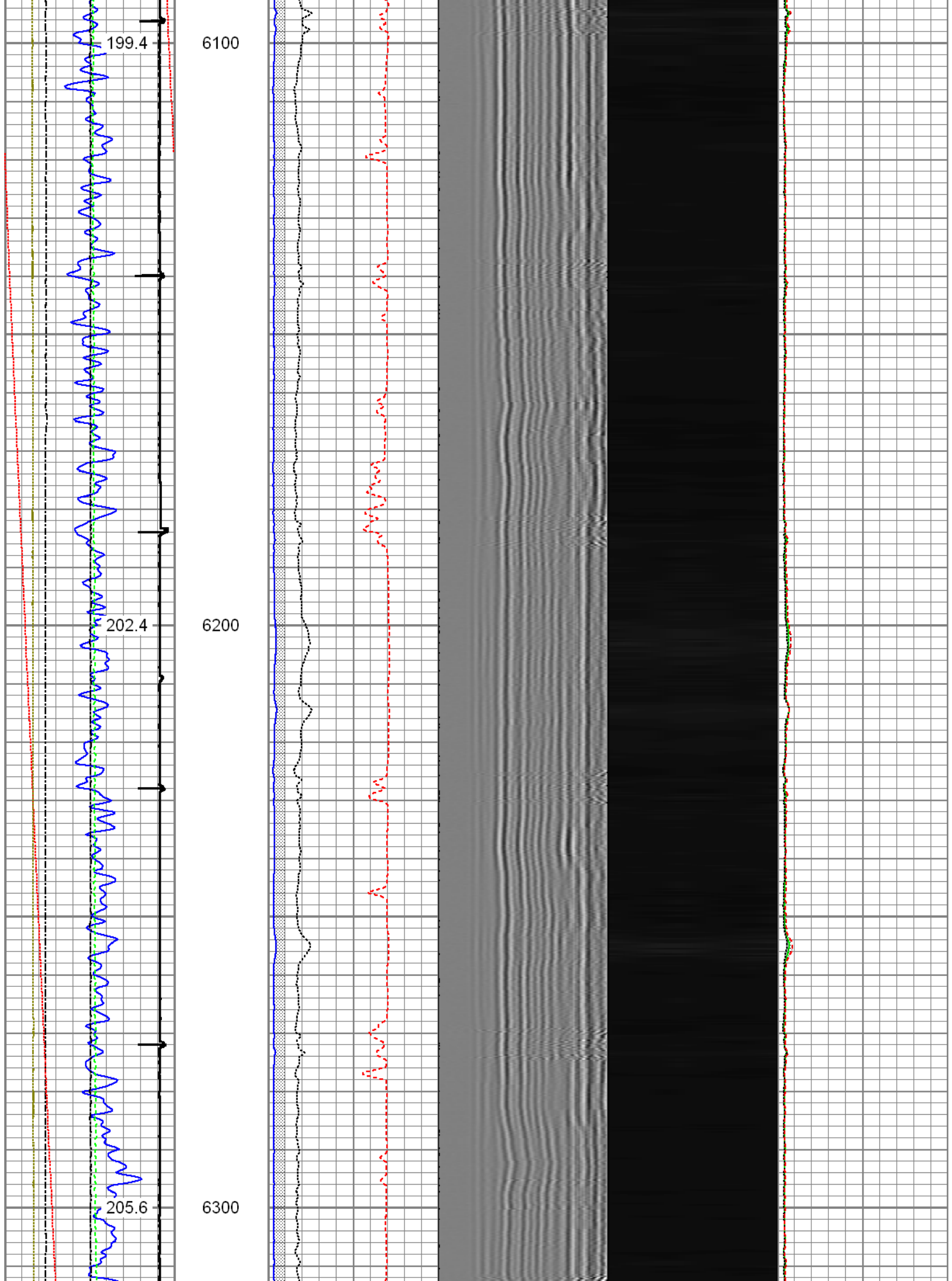


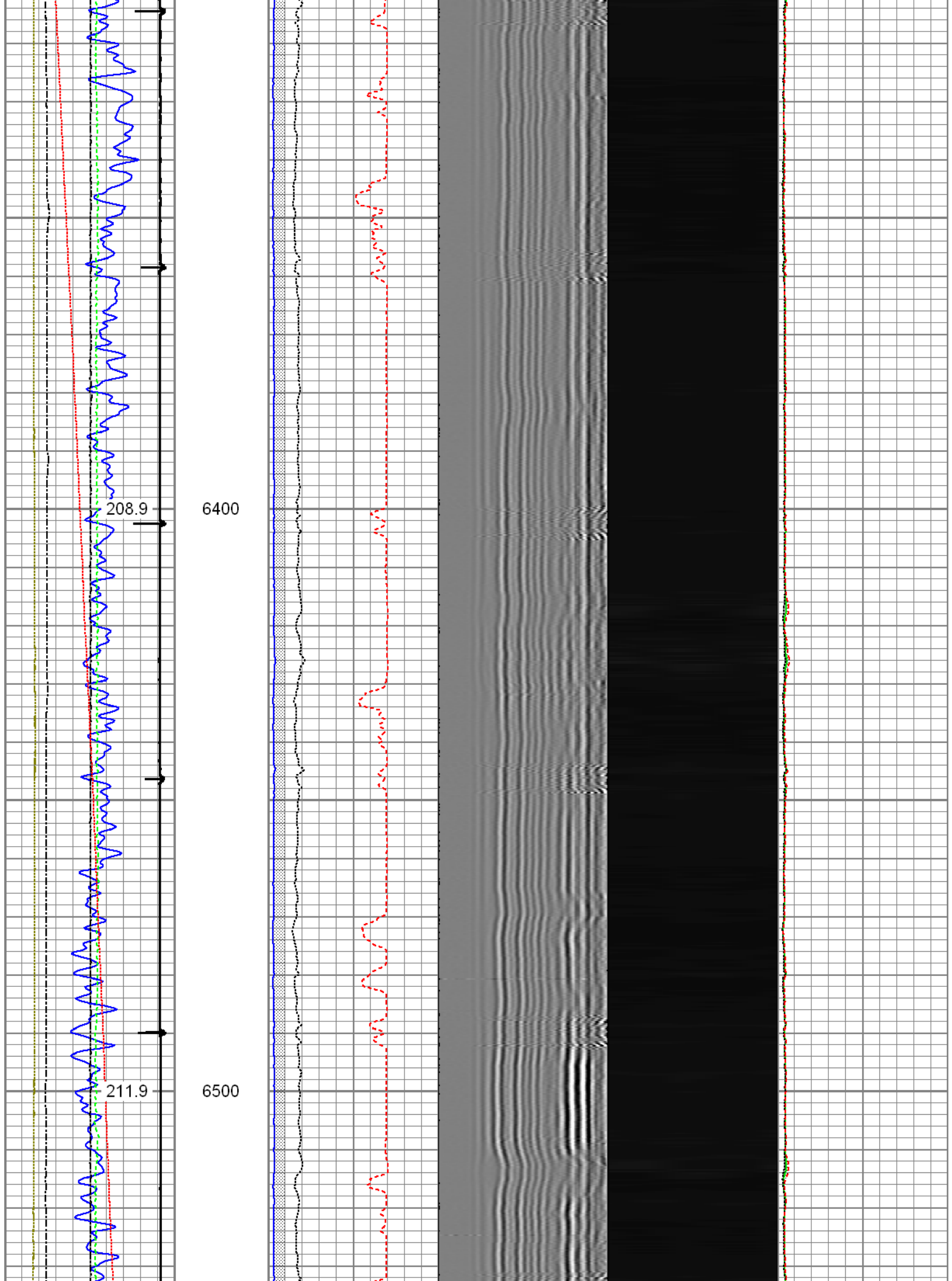


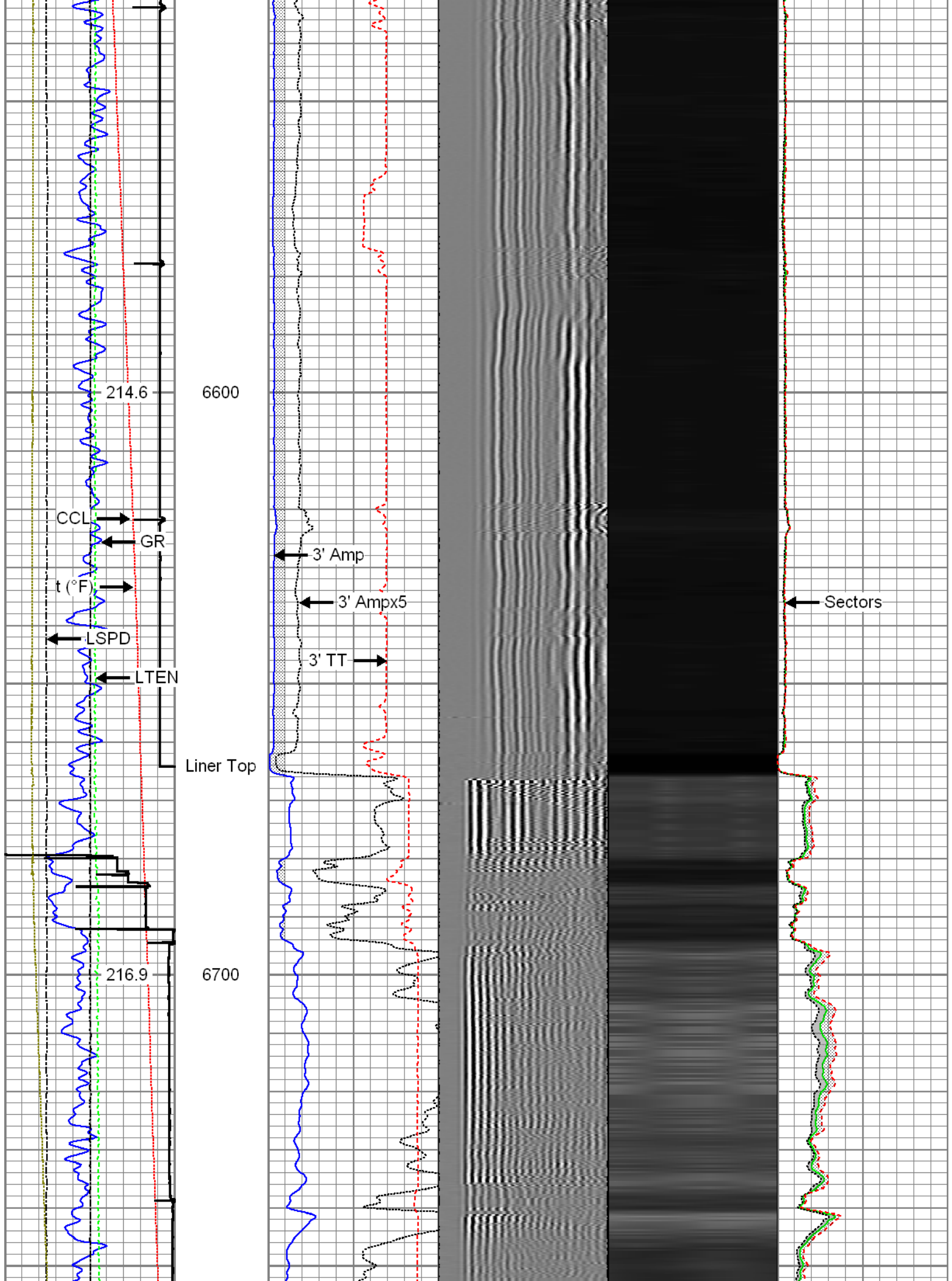


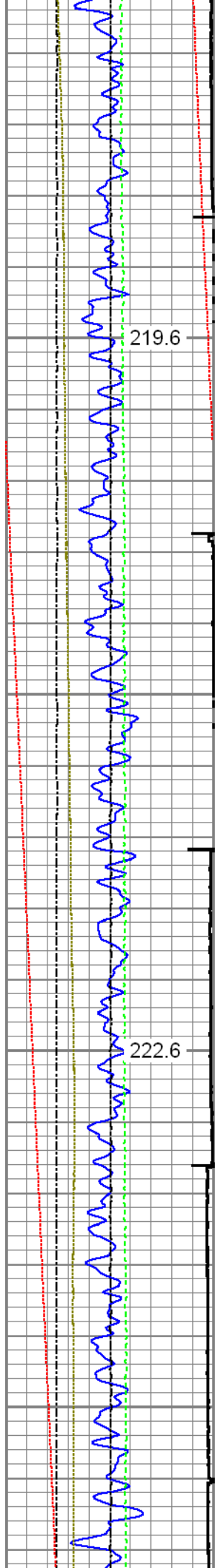






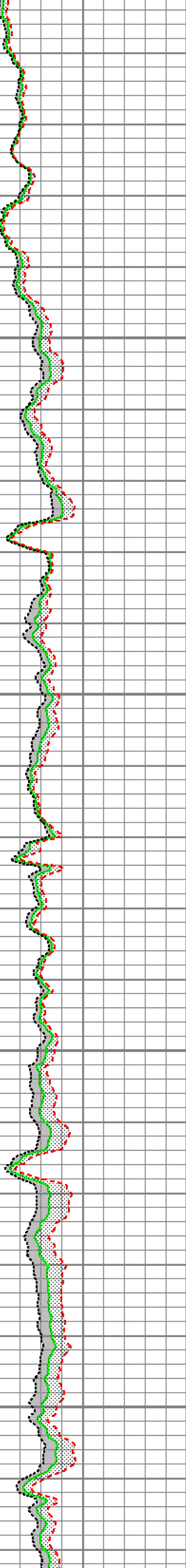
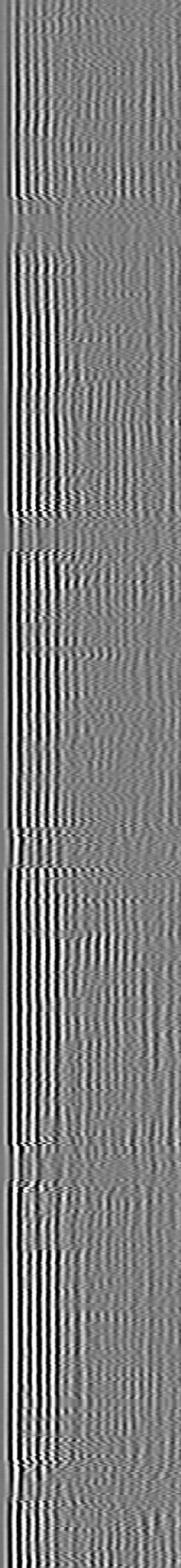
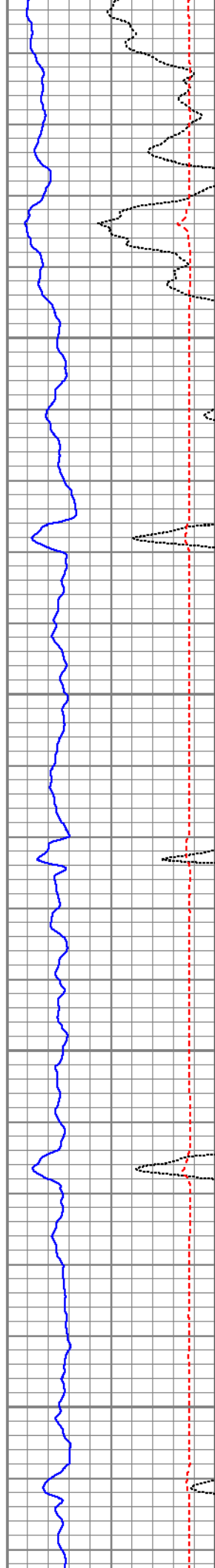


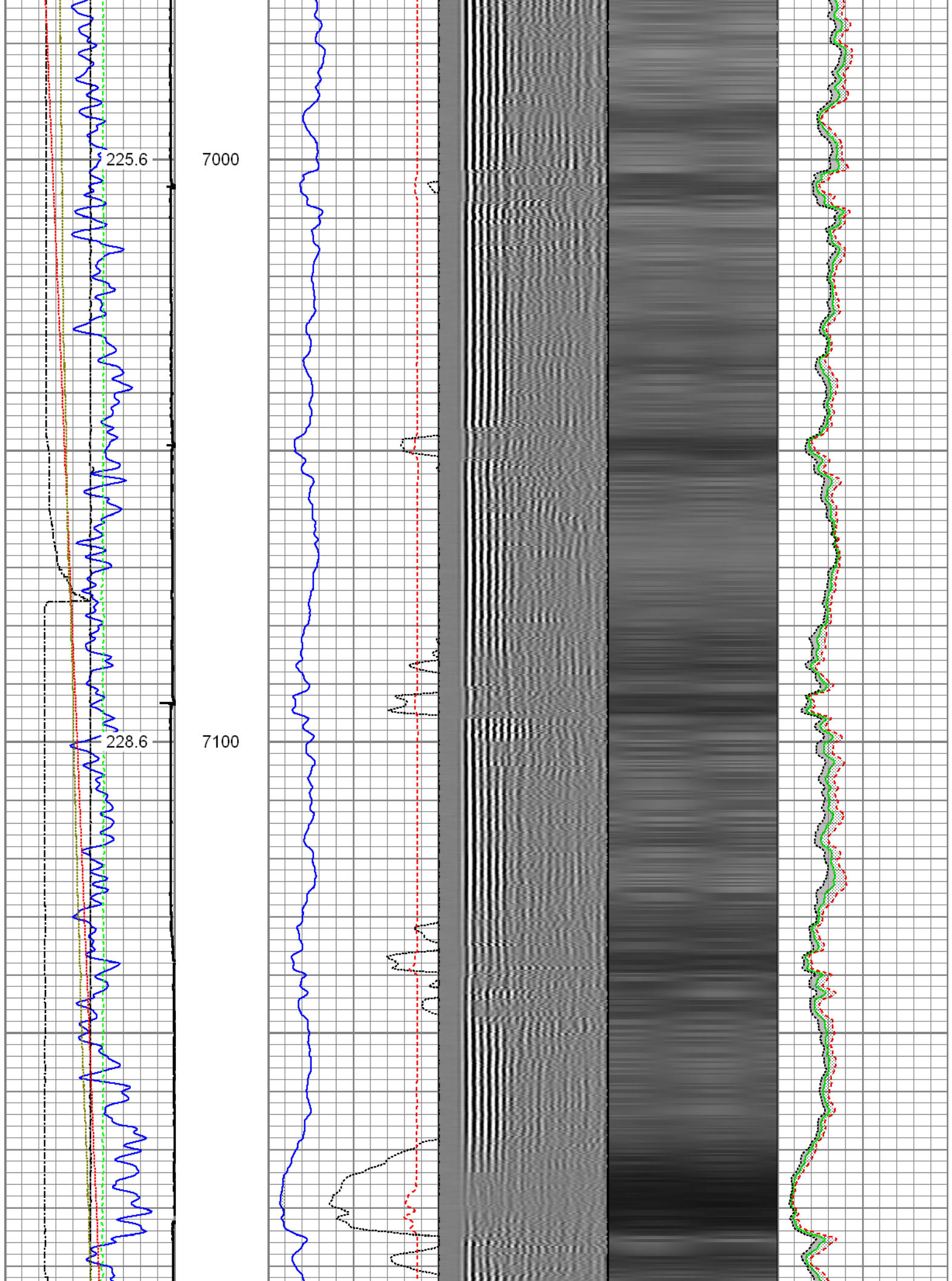


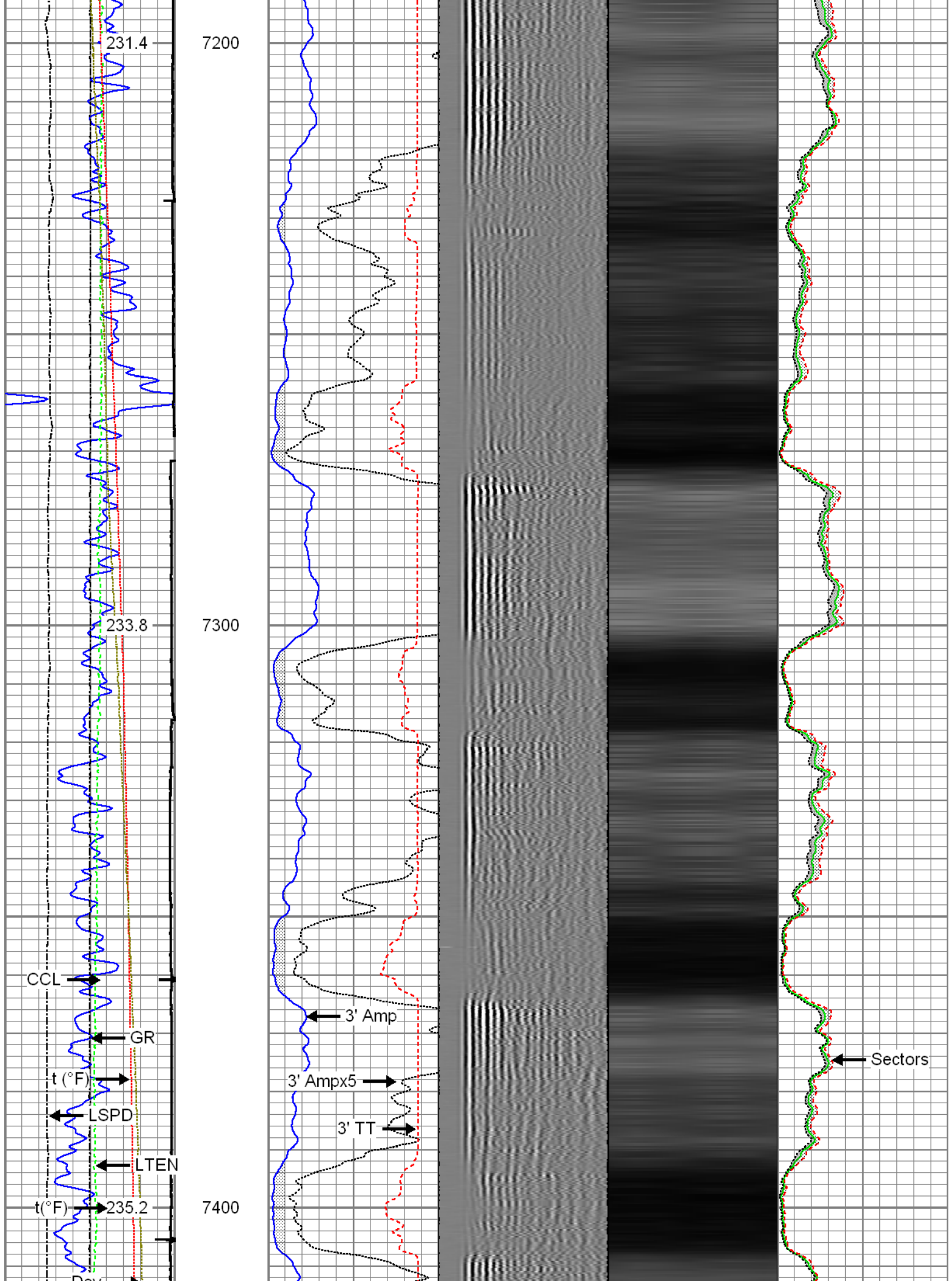


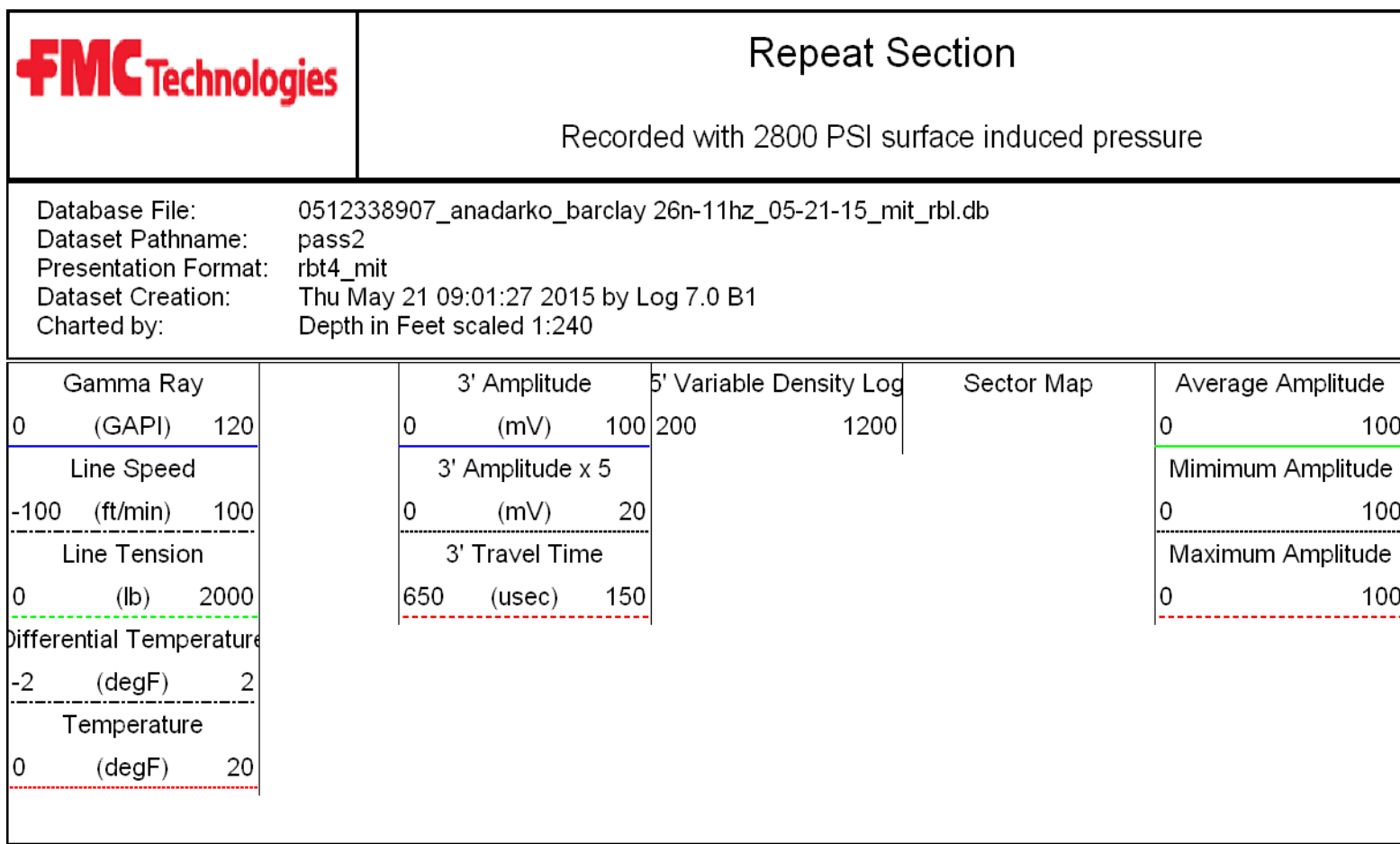
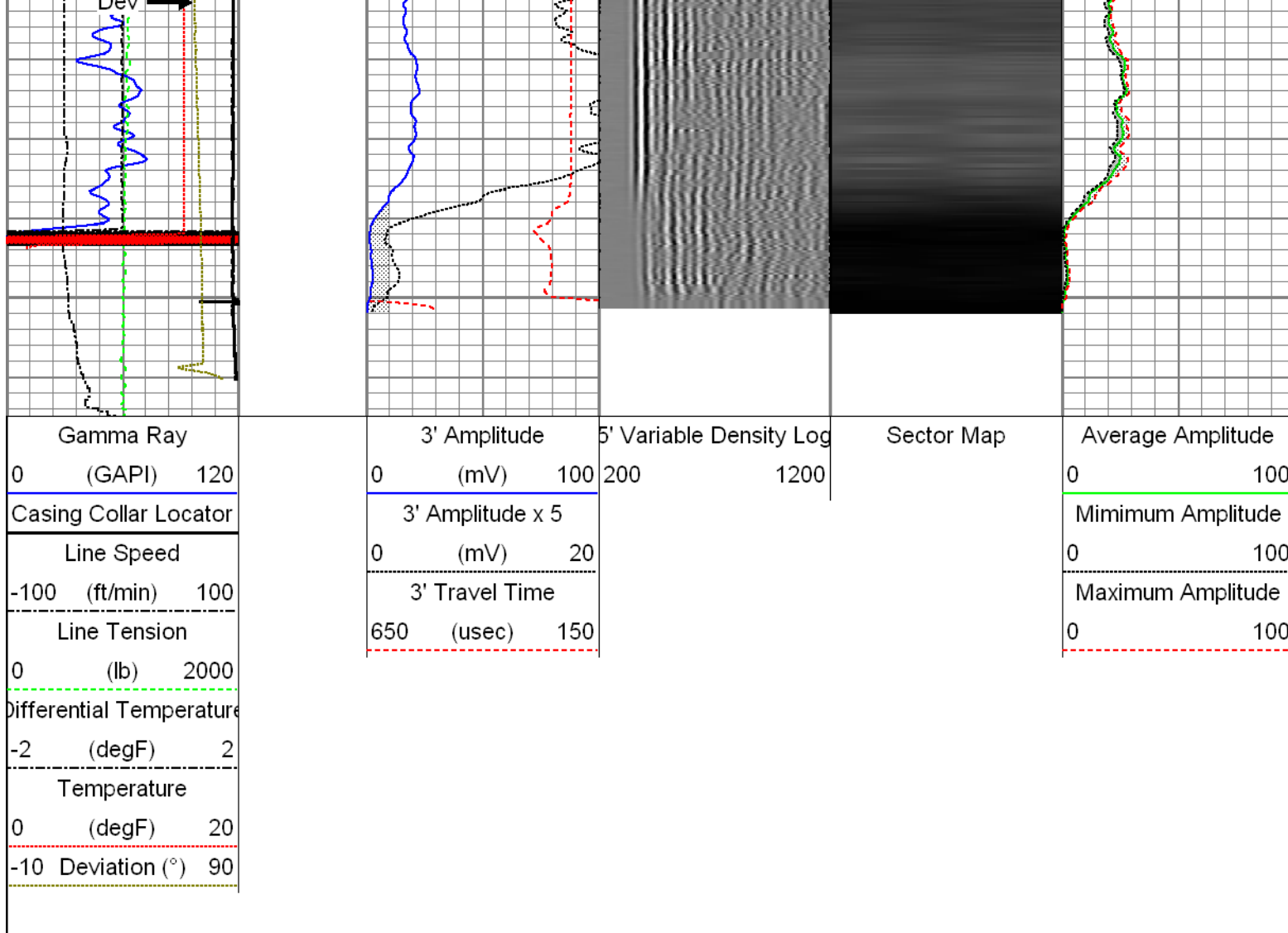
6800


6900

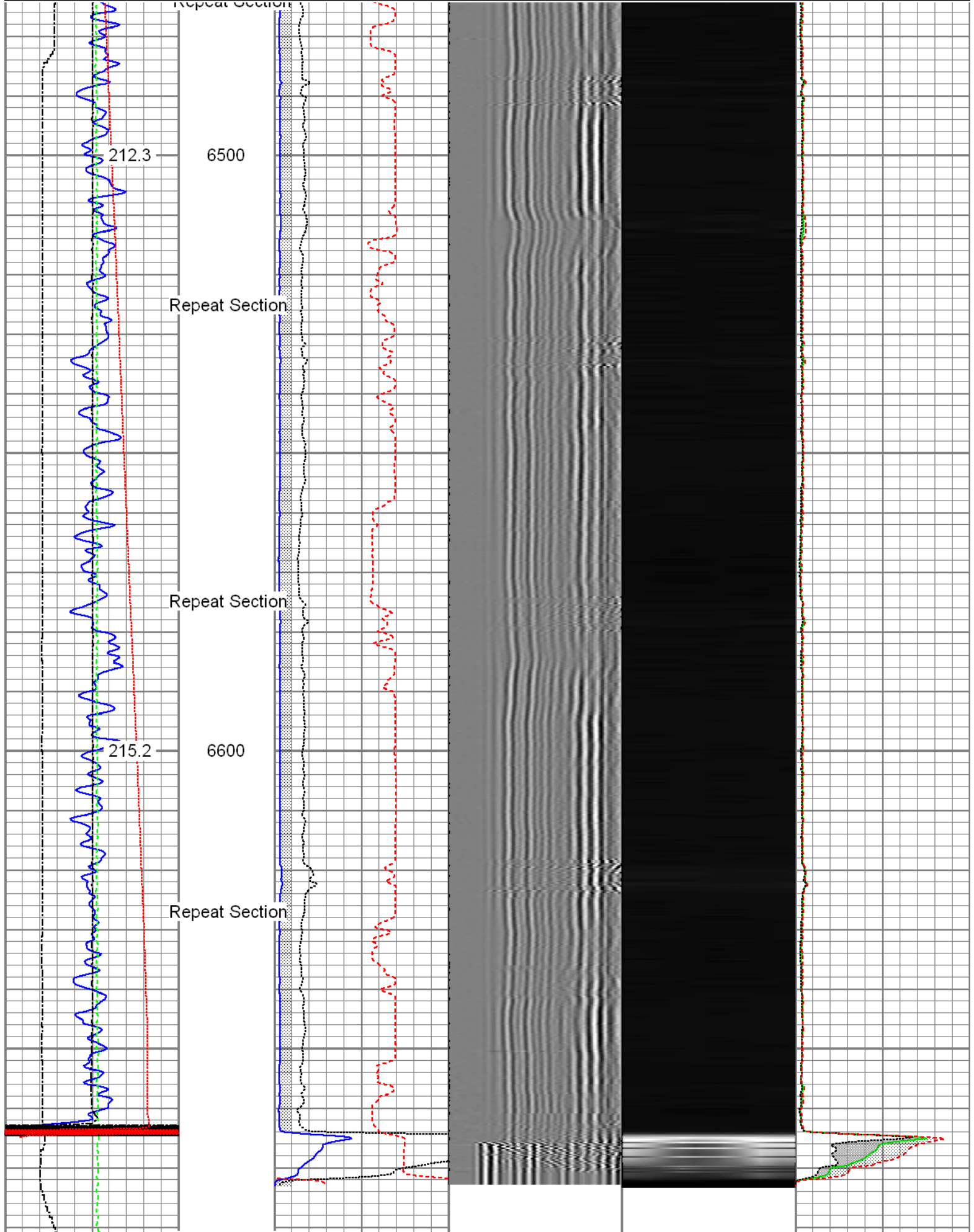






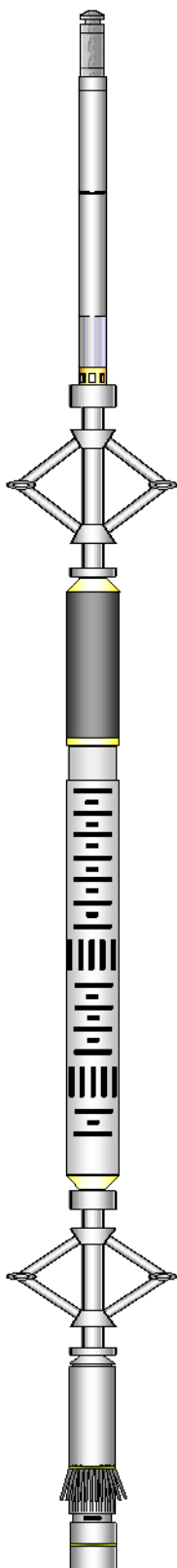


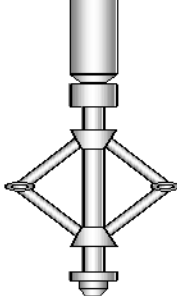
	<div>Repeat Section</div> <div>Recorded with 2800 PSI surface induced pressure</div>
Database File:	0512338907_anadarko_barclay 26n-11hz_05-21-15_mit_rbl.db
Dataset Pathname:	pass2
Presentation Format:	rbt4_mit
Dataset Creation:	Thu May 21 09:01:27 2015 by Log 7.0 B1
Charted by:	Depth in Feet scaled 1:240



Gamma Ray (GAPI)	3' Amplitude (mV)	5' Variable Density Log	Sector Map	Average Amplitude
0 120	0 100	200 1200		0 100
Line Speed	3' Amplitude x 5			Minimum Amplitude

Line Speed -100 (ft/min) 100	Amplitude x 5 0 (mV) 20	Minimum Amplitude 0 100
Line Tension 0 (lb) 2000	3' Travel Time 650 (usec) 150	Maximum Amplitude 0 100
Differential Temperature -2 (degF) 2		
Temperature 0 (degF) 20		

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
GR	24.28		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 (211461) Crossover Ultrawire Toolbus to Ultralink	1.58	1.69	6.50
			UW_PGR-UW_PGR_020 (10024770) Production Gamma Ray	1.93	1.69	9.50
TEMP	22.89		UW_PRT-UW_PRT_016 (10025095) Platinum Resistance Thermometer	1.04	1.69	5.20
			UW_PRC #4 -UW_PRC_057 (1101) Sondex 2-3/4" 4-Arm Production Roller Centraliser	2.98	2.75	32.00
WV3FT	15.42		UW_RBT-UW_RBT_004 (1066) Sondex Ultrawire 3- 1/8" Radial Bond Tool	9.47	3.13	140.00
WVFS1	15.42					
WVFS2	15.42					
WVFS3	15.42					
WVFS4	15.42					
WVFS5	15.42					
WVFS6	15.42					
WVFS7	15.42					
WVFS8	15.42					
CBLTEMP	15.42		UW_PRC-DSSRAC (080) 2-3/4" DSS 5 Arm Roller Centralizer	2.55	2.75	32.00
CBLROT	15.42					
WV5FT	14.42		UW_MIT-UW_MIT40_027 (218949) 40 Multifinger Imaging Tool	4.54	2.75	61.10
MIT	5.41					

TSTAMP	0.00		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
Dataset: 0512338907_Anadarko_Barclay 26N-11HZ_05-21-15_MIT_RBL.db: field/well/run1/pass4 Total Length: 28.53 ft Total Weight: 324.50 lb O.D. 3.13 in						

Calibration Report			
Database File:	0512338907_anadarko_barclay 26n-11hz_05-21-15_mit_rbl.db		
Dataset Pathname:	pass4		
Dataset Creation:	Thu May 21 09:15:47 2015 by Log 7.0 B1		
Multi-finger Imaging Tool Calibration Report			
Serial Number:	218949		
Number of Fingers:	40		
Tool Model:	UW_MIT40_027		
Inclinometer Calibration Report			
Performed:	Mon, Oct, 06 14:03:04 2008		
Calibration Angle:	45		
	Inc X	Inc Y	
Vertical:	1996	1984	
Finger 1 up:	1780	1738	
Finger 31 up:	2235	1756	
Finger 21 up:	2216	2228	
Finger 11 up:	1736	2196	
Sensitivity ratio:	1.0062		
X-axis angle:	131.534		
Deviation const.:	331.322		

Finger Calibration Report							
Performed: Thu May 21 08:16:03 2015							
Ring size:	4		5		6		7
(in)		Sens		Sens		Sens	
Finger 01:	1374	279.0	1653	294.0	1947	301.0	2248
Finger 02:	1446	275.0	1721	290.0	2011	292.0	2303
Finger 03:	1659	277.0	1936	283.0	2219	280.0	2499
Finger 04:	1670	278.0	1948	279.0	2227	276.0	2503
Finger 05:	1531	264.0	1795	271.0	2066	276.0	2342
Finger 06:	1528	260.0	1788	265.0	2053	268.0	2321
Finger 07:	1344	275.0	1619	288.0	1907	299.0	2206
Finger 08:	1540	257.0	1797	264.0	2061	273.0	2334
Finger 09:	1418	276.0	1694	283.0	1977	290.0	2267
Finger 10:	1485	266.0	1751	277.0	2028	284.0	2312
Finger 11:	1472	269.0	1741	271.0	2012	278.0	2290
Finger 12:	1313	281.0	1594	296.0	1890	315.0	2205
Finger 13:	1576	279.0	1855	288.0	2143	298.0	2441
Finger 14:	1415	281.0	1696	296.0	1992	330.0	2322
Finger 15:	1537	262.0	1799	273.0	2072	289.0	2361
Finger 16:	1399	280.0	1679	297.0	1976	316.0	2292
Finger 17:	1636	270.0	1906	279.0	2185	294.0	2479
Finger 18:	1376	286.0	1662	309.0	1971	332.0	2303
Finger 19:	1636	259.0	1895	260.0	2155	271.0	2426
Finger 20:	1507	261.0	1708	275.0	2042	295.0	2328

Finger 20:	1507	261.0	1768	275.0	2043	295.0	2338
Finger 21:	1590	248.0	1838	258.0	2096	272.0	2368
Finger 22:	1529	269.0	1798	285.0	2083	304.0	2387
Finger 23:	1344	272.0	1616	291.0	1907	311.0	2218
Finger 24:	1676	259.0	1935	270.0	2205	284.0	2489
Finger 25:	1358	284.0	1642	309.0	1951	331.0	2282
Finger 26:	1531	282.0	1813	298.0	2111	312.0	2423
Finger 27:	1465	256.0	1721	270.0	1991	284.0	2275
Finger 28:	1633	272.0	1905	282.0	2187	292.0	2479
Finger 29:	1467	266.0	1733	287.0	2020	298.0	2318
Finger 30:	1422	269.0	1691	291.0	1982	302.0	2284
Finger 31:	1526	260.0	1786	278.0	2064	285.0	2349
Finger 32:	1340	263.0	1603	282.0	1885	291.0	2176
Finger 33:	1609	295.0	1904	310.0	2214	310.0	2524
Finger 34:	1540	266.0	1806	277.0	2083	277.0	2360
Finger 35:	1433	262.0	1695	283.0	1978	293.0	2271
Finger 36:	1590	277.0	1867	289.0	2156	287.0	2443
Finger 37:	1599	271.0	1870	283.0	2153	283.0	2436
Finger 38:	1492	272.0	1764	287.0	2051	290.0	2341
Finger 39:	1460	277.0	1737	294.0	2031	297.0	2328
Finger 40:	1584	283.0	1867	296.0	2163	296.0	2459

Segmented Cement Bond Log Calibration Report						
Serial Number:		1066				
Tool Model:		UW_RBT_004				
Calibration Casing Diameter:		7.000	in			
Calibration Depth:		20.995	ft			
Master Calibration, performed Thu May 21 08:31:04 2015:						
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3FT	0.003	1.000	0.800	62.165	61.530	0.636
5FT	-0.002	1.000	0.800	62.165	61.229	0.936
S1	0.002	1.000	0.000	100.000	100.245	-0.245
S2	0.002	1.000	0.000	100.000	100.169	-0.169
S3	0.002	1.000	0.000	100.000	100.245	-0.245
S4	0.002	1.000	0.000	100.000	100.159	-0.159
S5	0.003	1.000	0.000	100.000	100.253	-0.253
S6	0.002	1.000	0.000	100.000	100.245	-0.245
S7	0.003	1.000	0.000	100.000	100.266	-0.266
S8	0.003	1.000	0.000	100.000	100.323	-0.323

Temperature Calibration Report					
Serial Number:			10025095		
Tool Model:			UW_PRT_016		
Performed:			Wed Feb 11 13:43:20 2015		
Point #	Reading		Reference		
1	12798.00	cps	68.00	degF	
2	18136.00	cps	104.00	degF	
3	29513.00	cps	176.00	degF	
4	40905.00	cps	248.00	degF	
5	52487.00	cps	320.00	degF	
6	58362.00	cps	356.00	degF	
7		cps		degF	
8		cps		degF	
9		cps		degF	
10		cps		degF	

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 & Gas Onshore, L.P.
Well	Barclay 26N-11HZ
Field	Wattenberg
County	Weld
State	Colorado