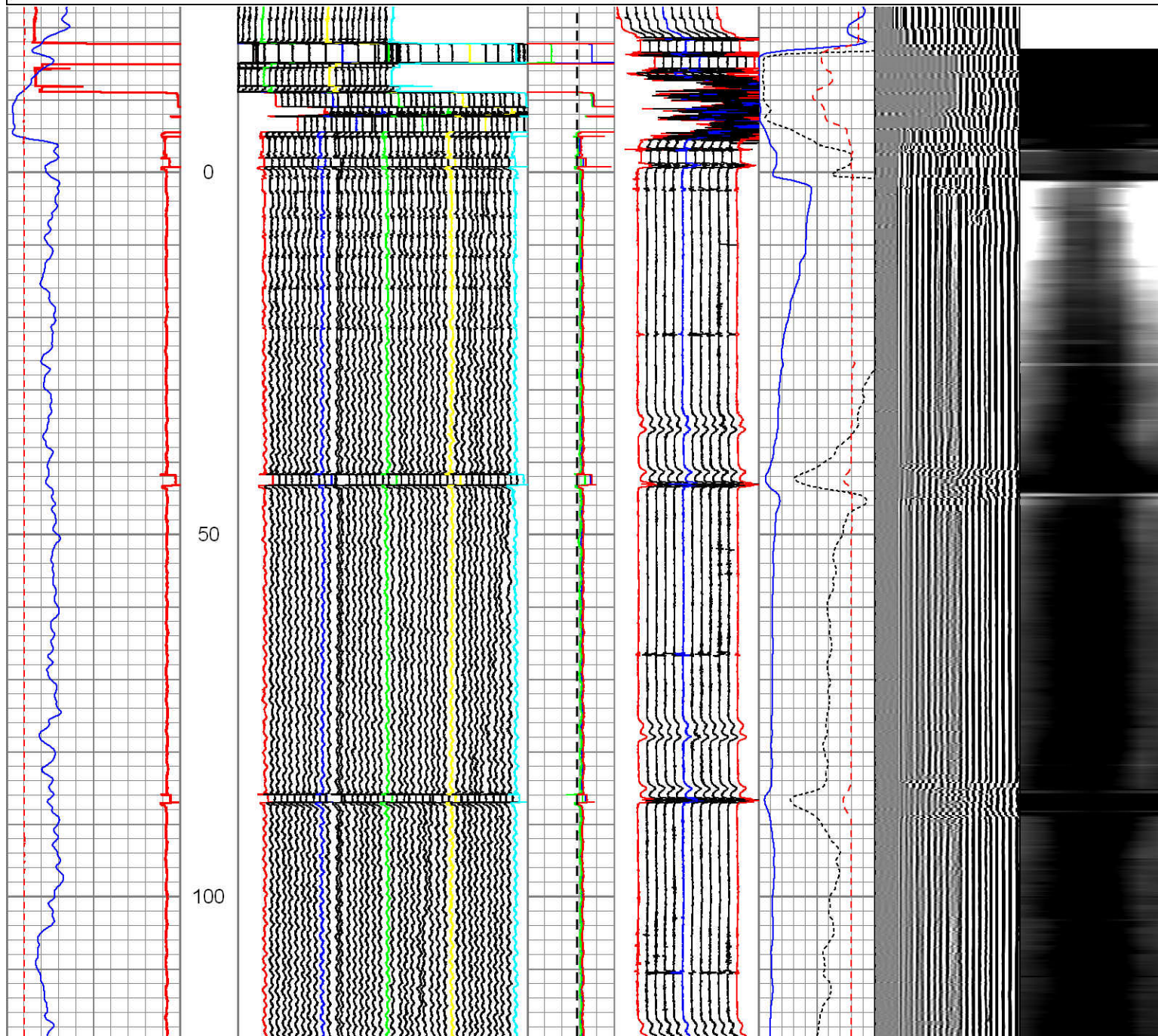
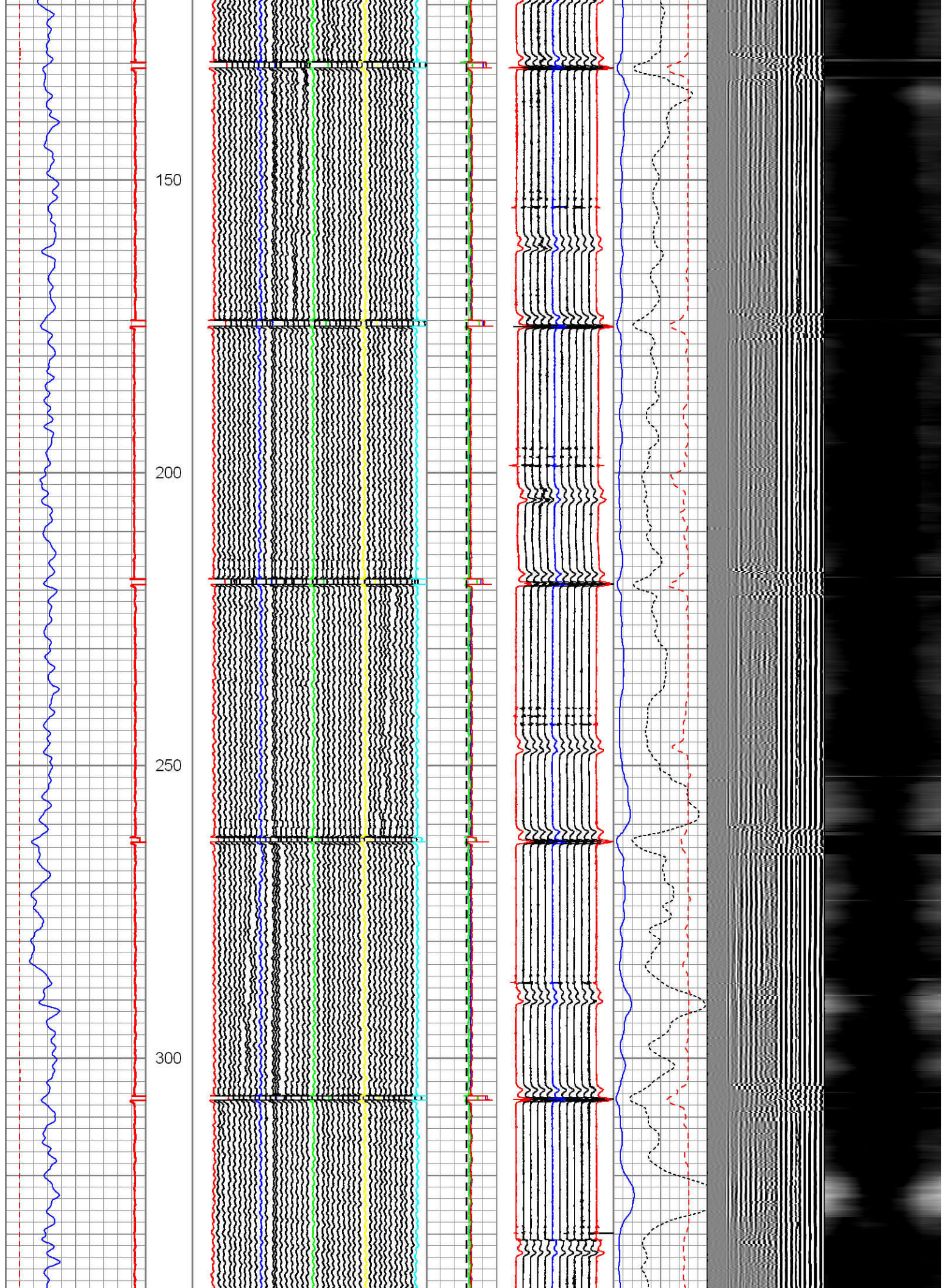


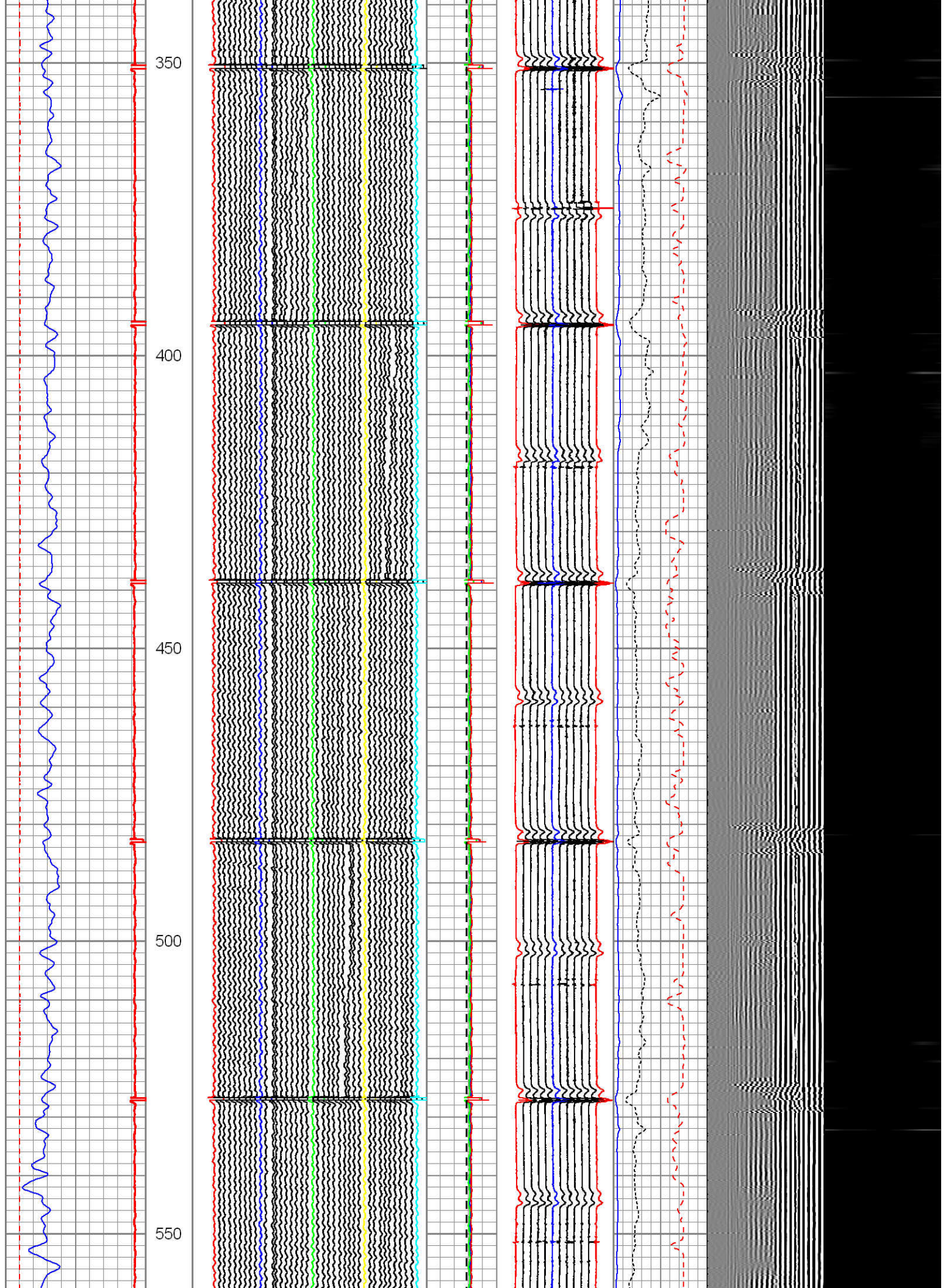


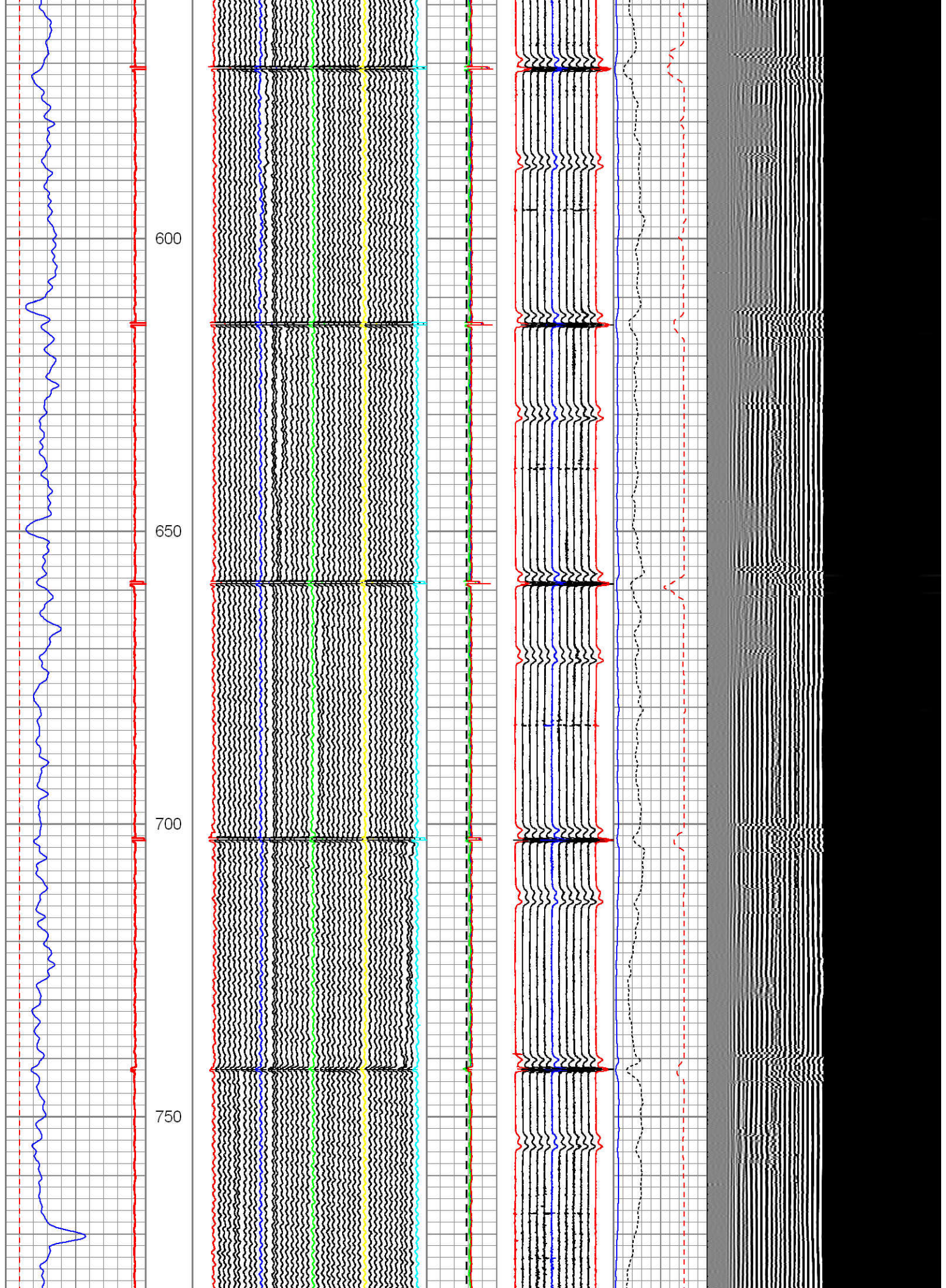
Database File: kmg_gobbler 2n-23hz_cil-w7.db
Dataset Pathname: main
Presentation Format: us40rbl7
Dataset Creation: Sun Jul 14 13:47:46 2013 by Log Sondex V7.03
Charted by: Depth in Feet scaled 1:240

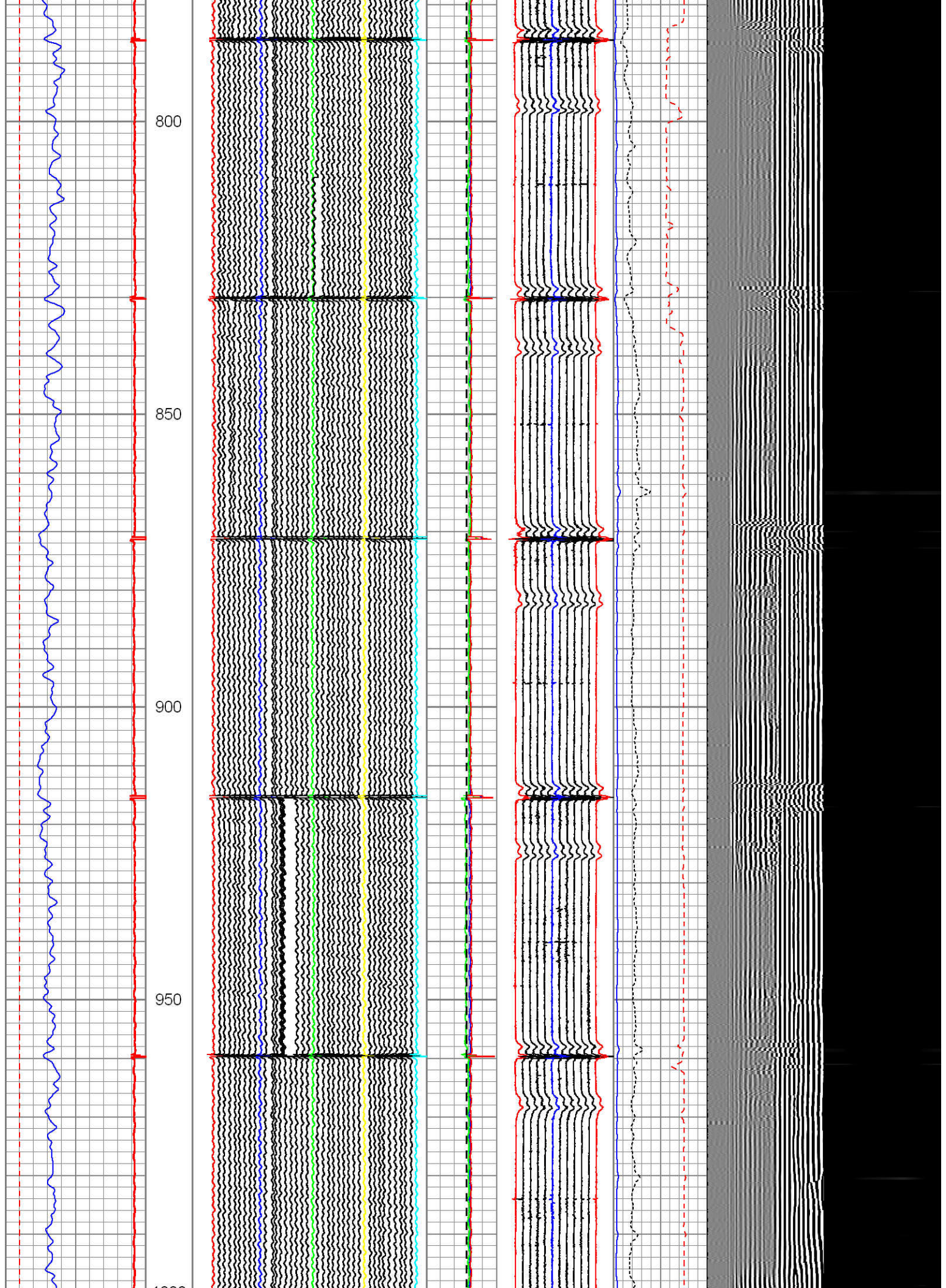
CCL	3	Caliper #1 (in)	4.8	Ave ID	MTTP01	3' Amp	5' VDL	Sector Map
0 GR (GAPI)120	2.64	Caliper #10 (in)	4.44	(in)	1 (rad) 9	(mV)	200 1200	
Deviation	2.24	Caliper #20 (in)	4.04	5.7 6.7	MTTP06	0 100		
-10 (°) 90	1.84	Caliper #30 (in)	3.64	Min ID	-1.5 (rad) 6.5	3' Amp X 5		
	1.44	Caliper #40 (in)	3.24	(in)	MTTP12	3' TT		
				5.7 6.7	-4.5 (rad) 3.5	(usec)		
				Max ID		650 150		
				(in)				
				5.7 6.7				
				Nom ID				
				(in)				
				5.7 6.7				

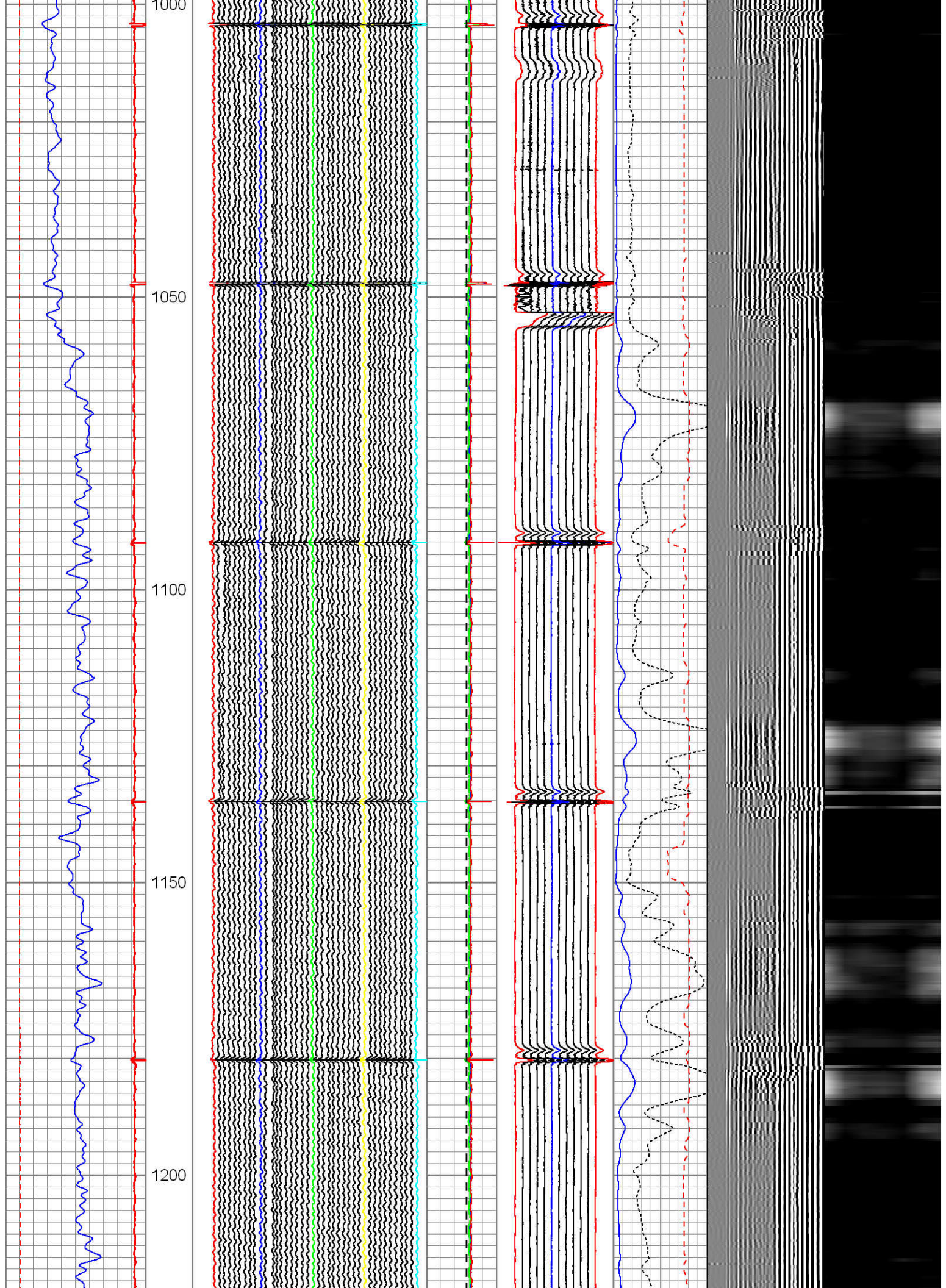


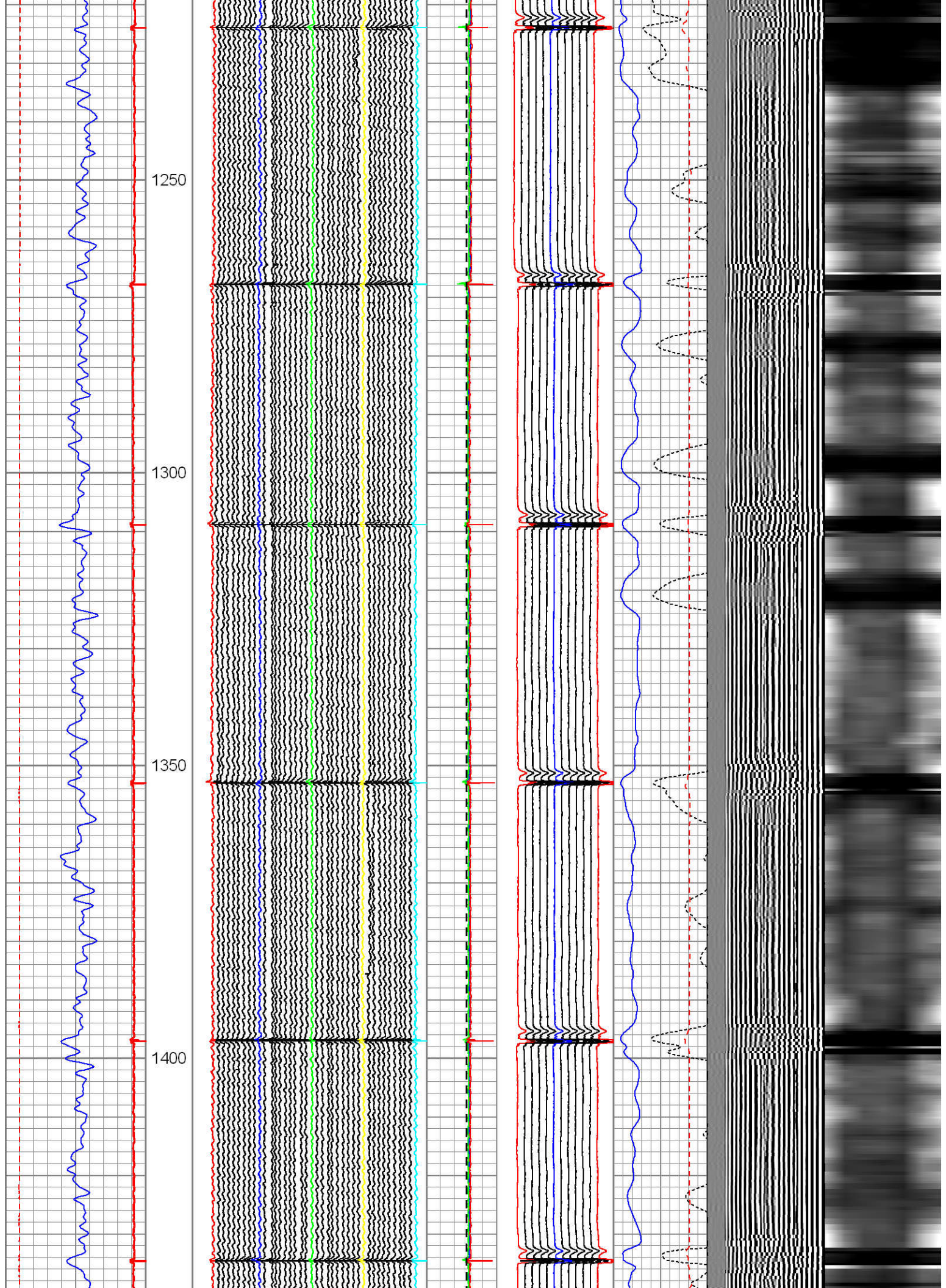


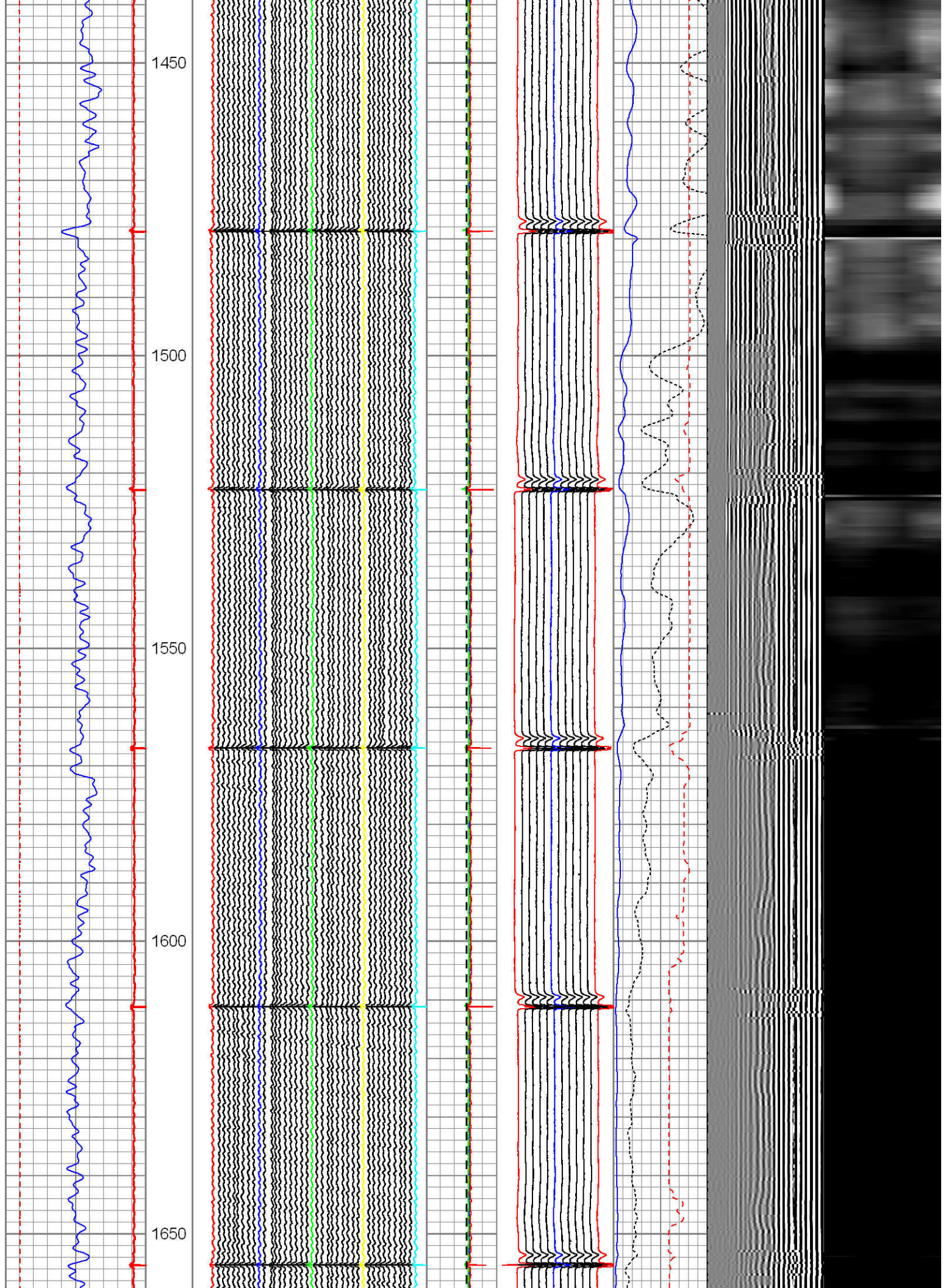


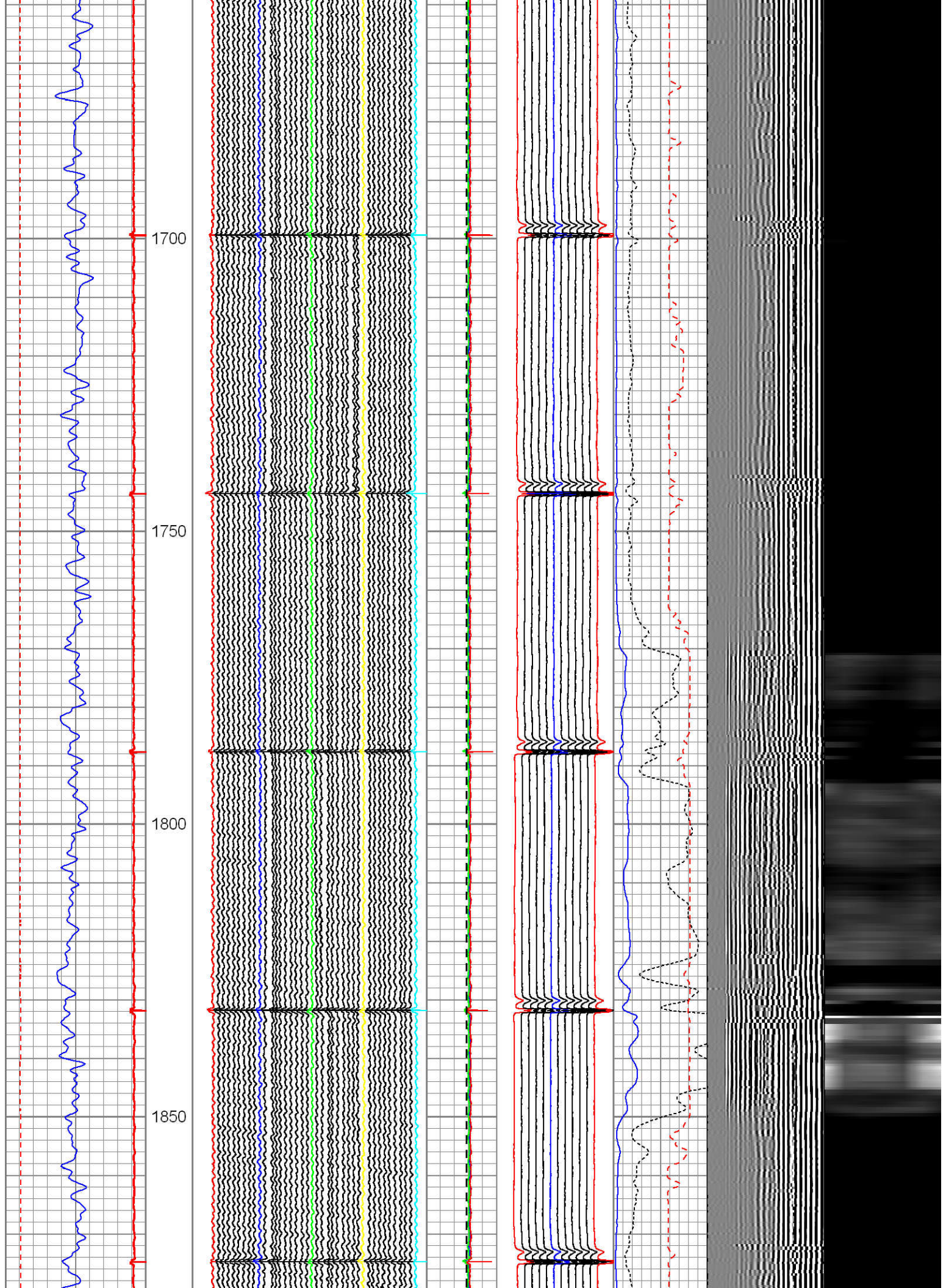


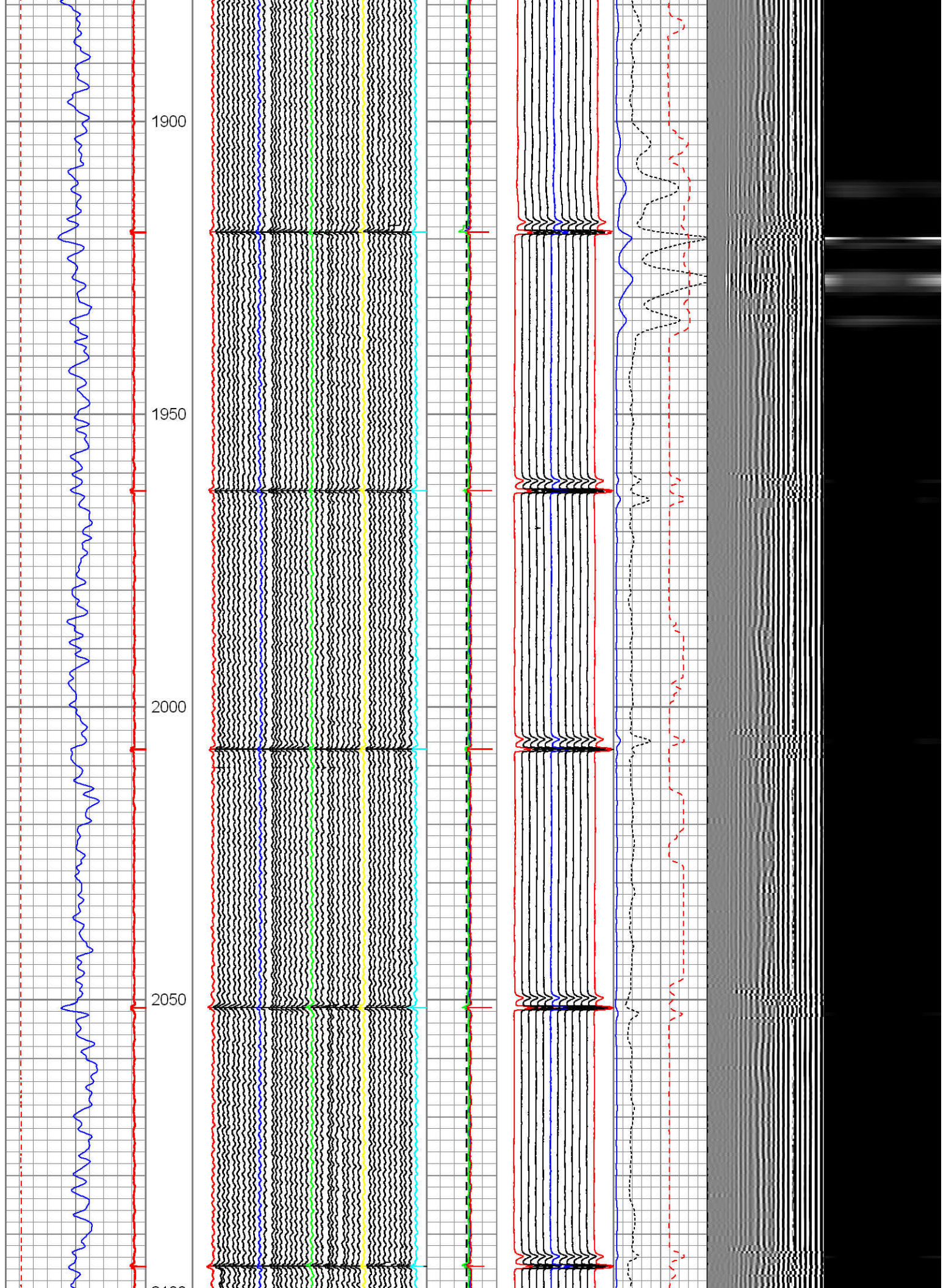


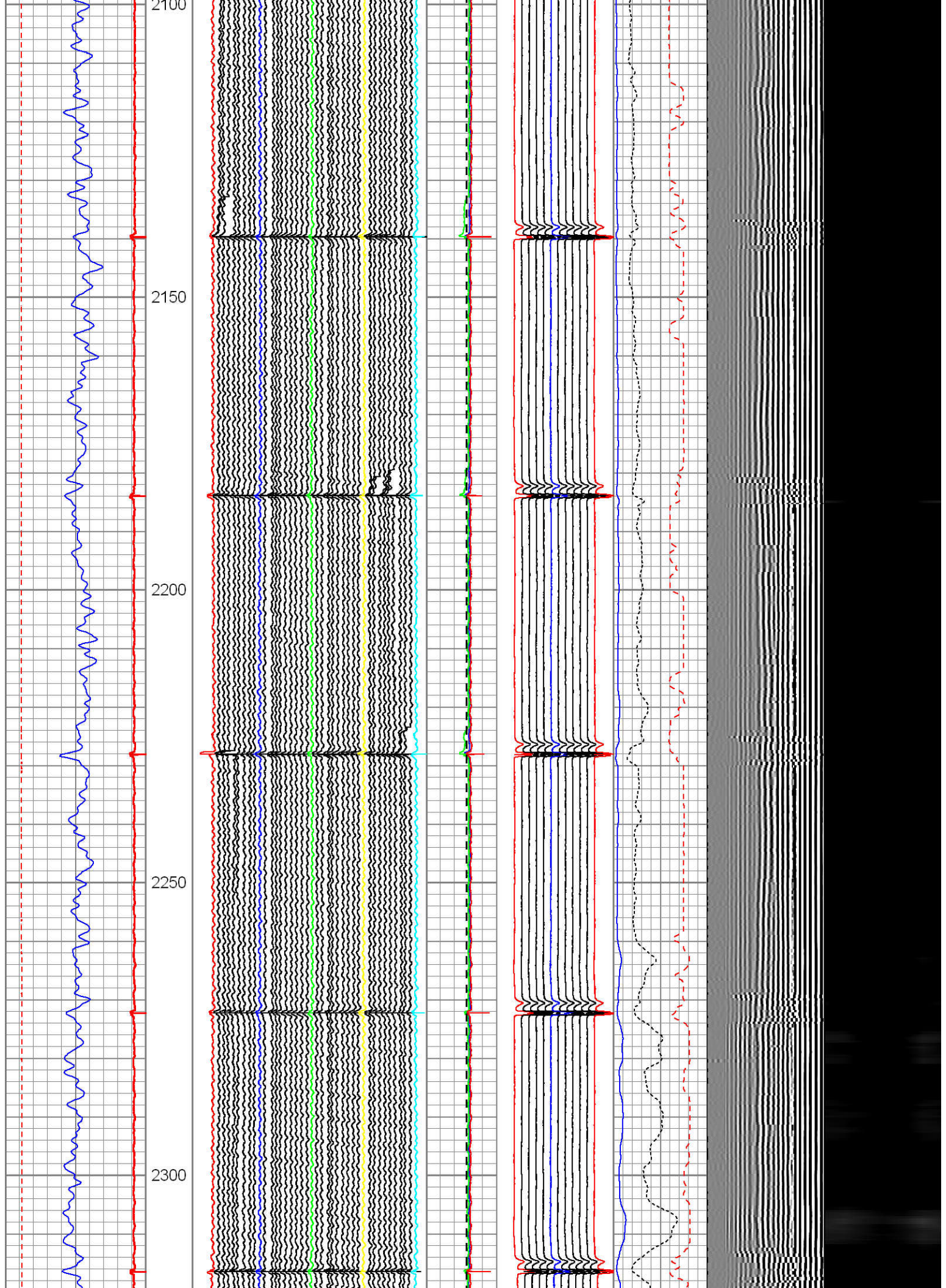


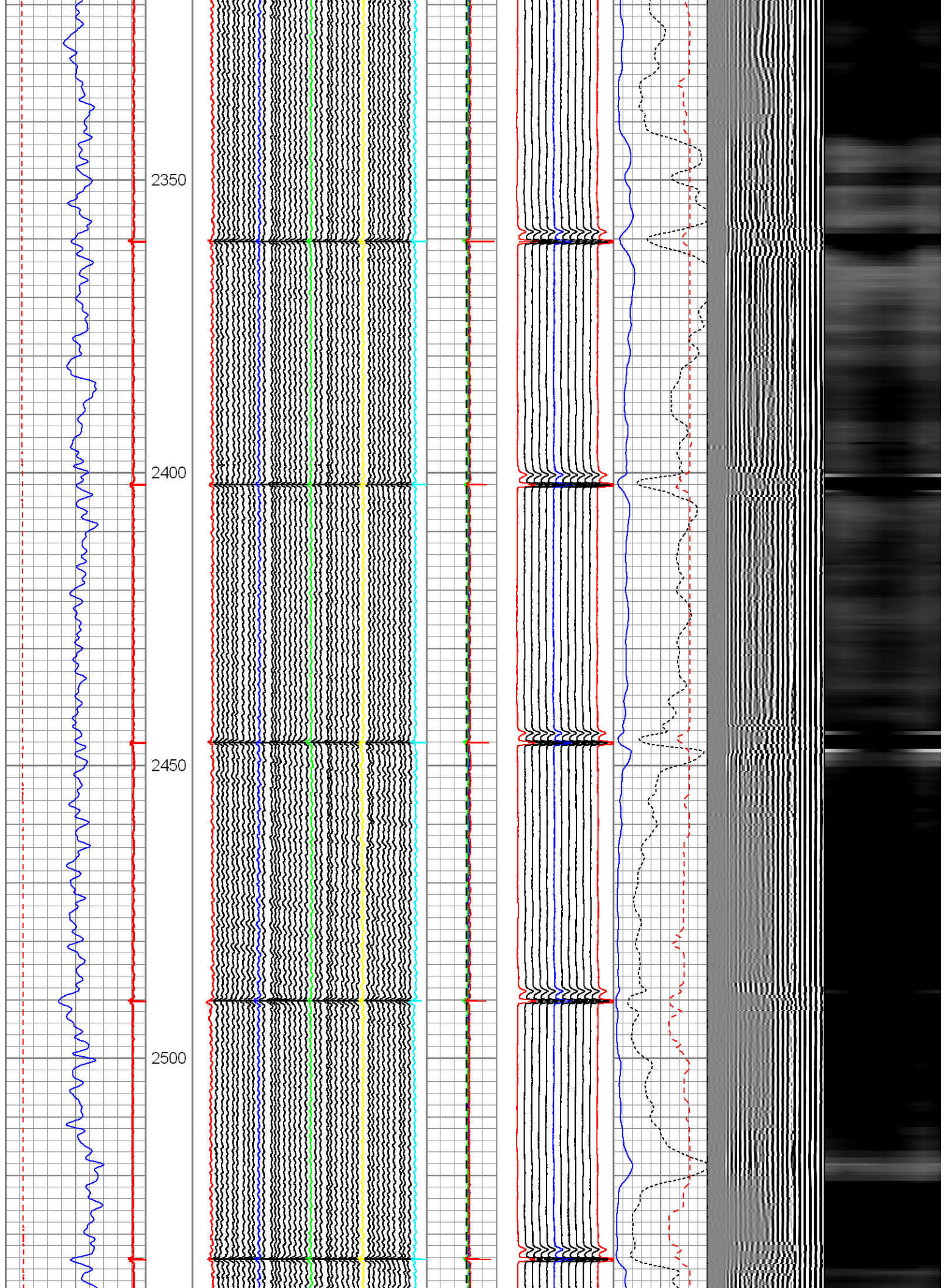


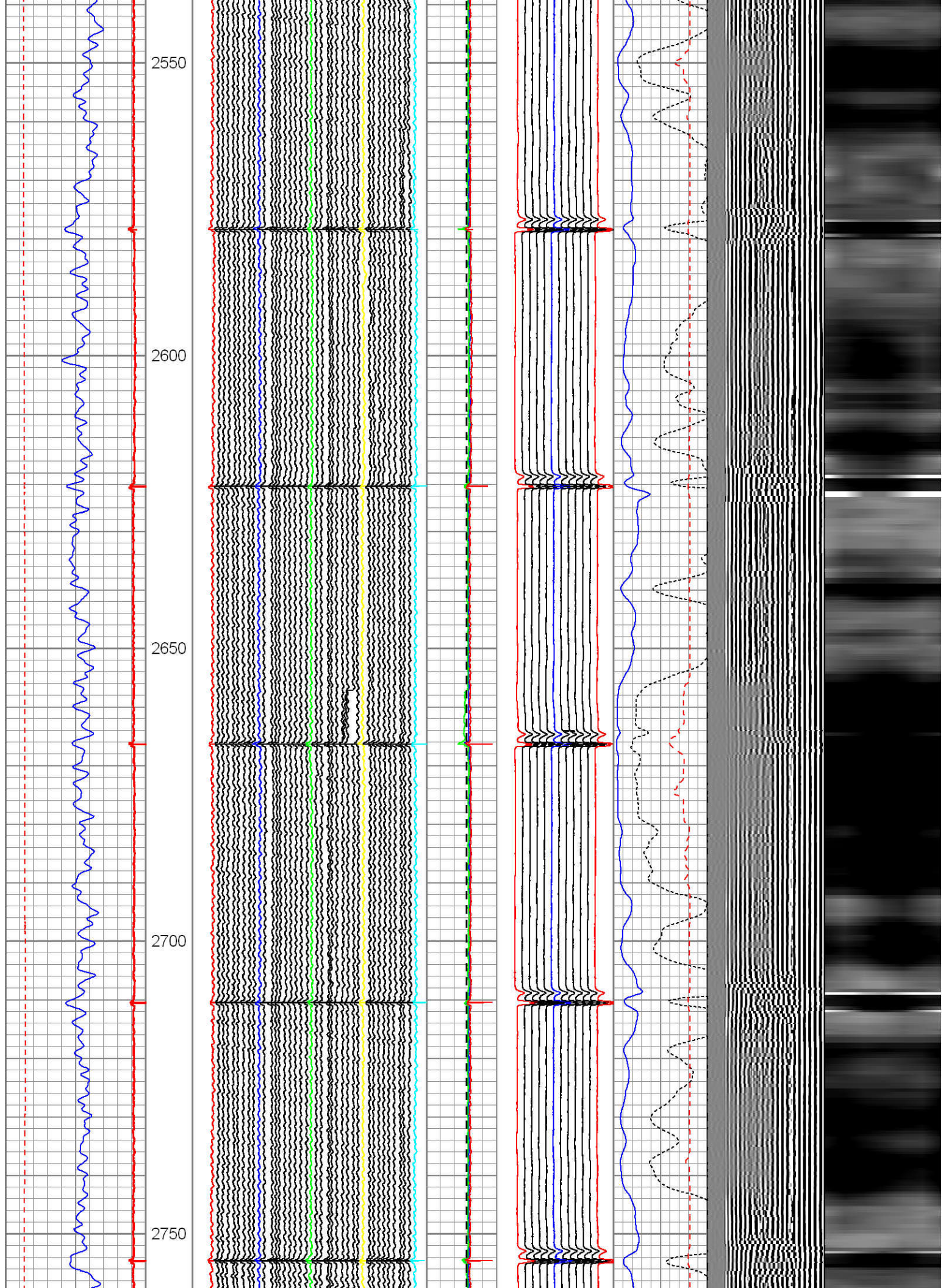


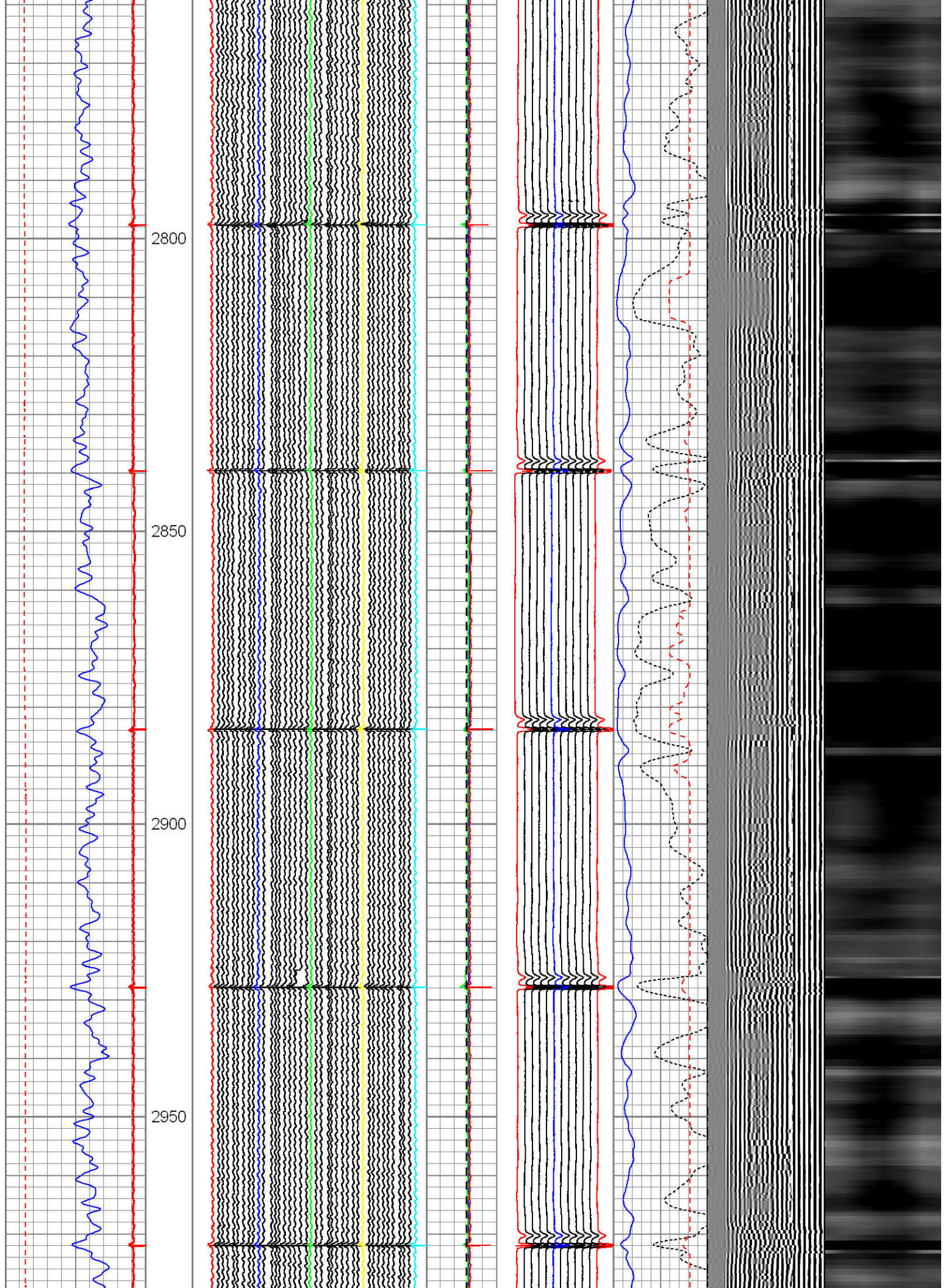


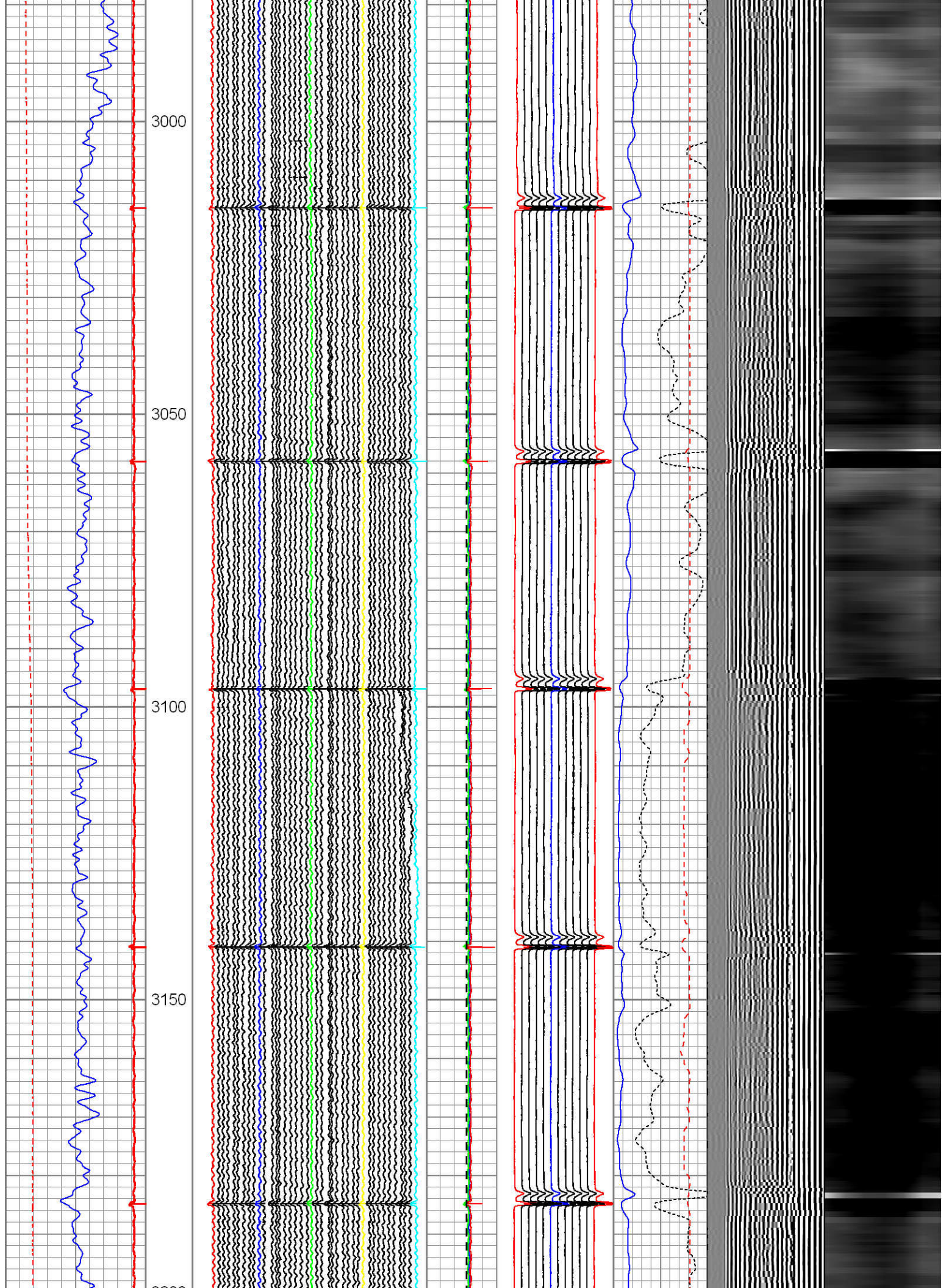


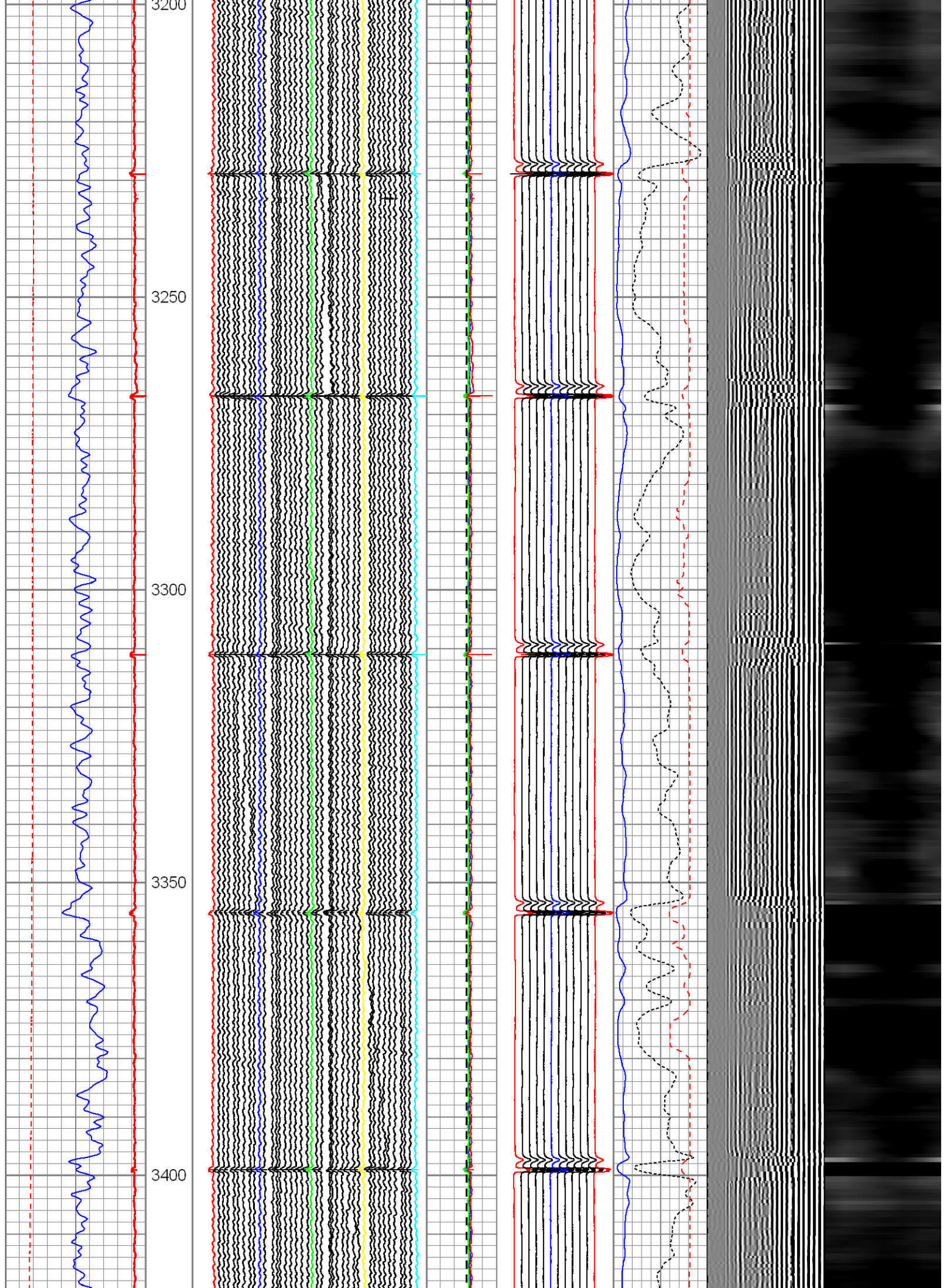


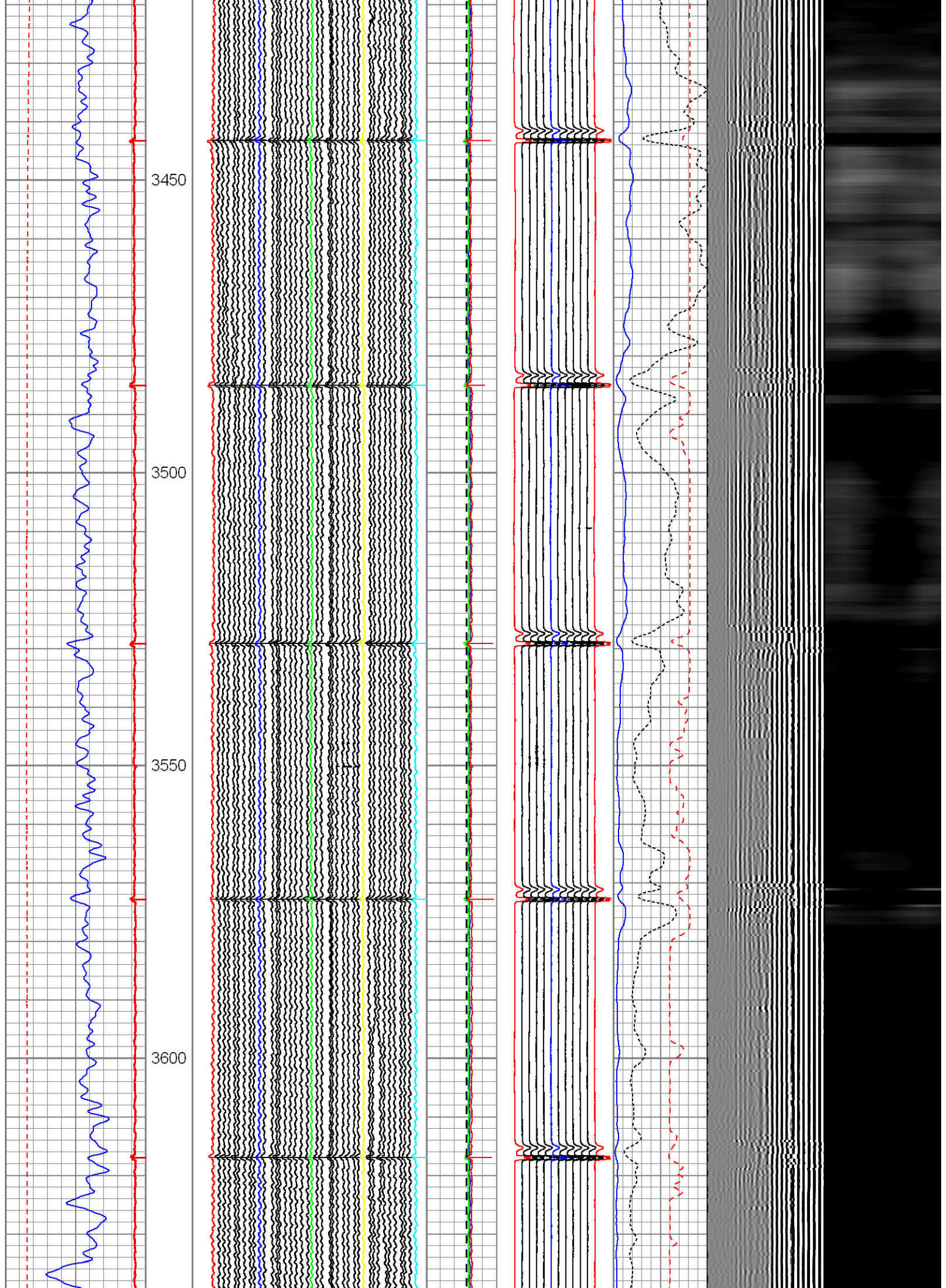


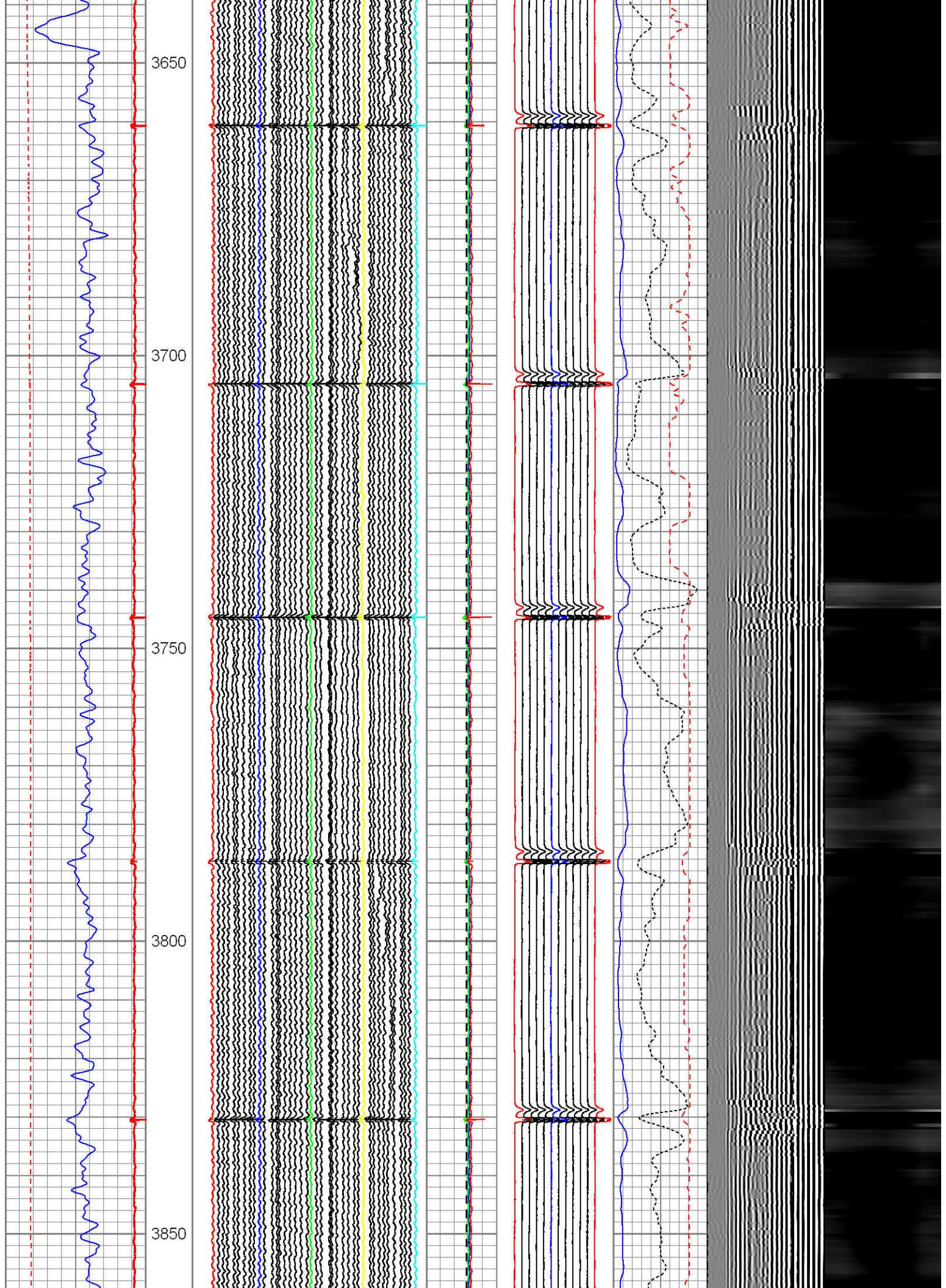


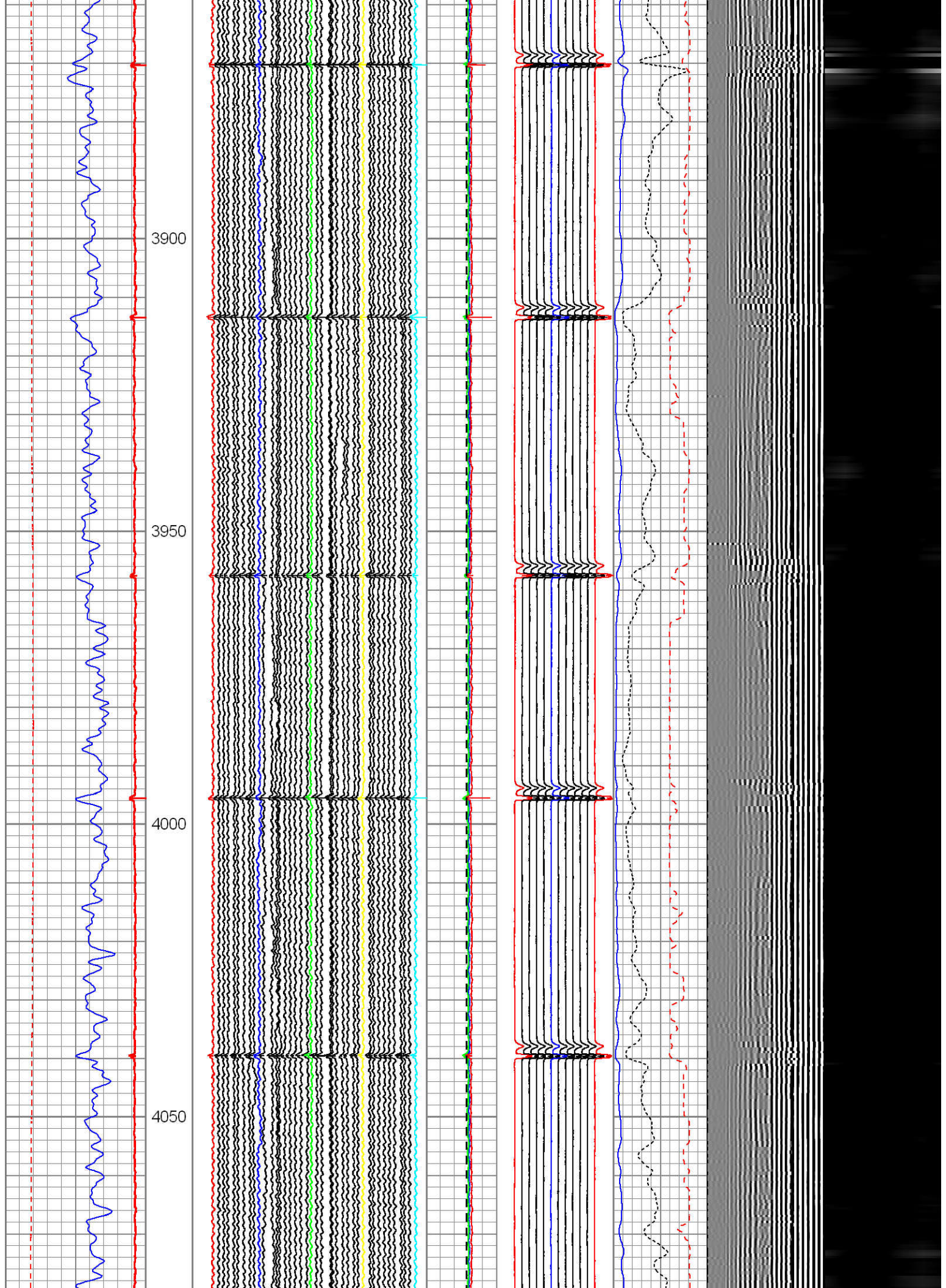


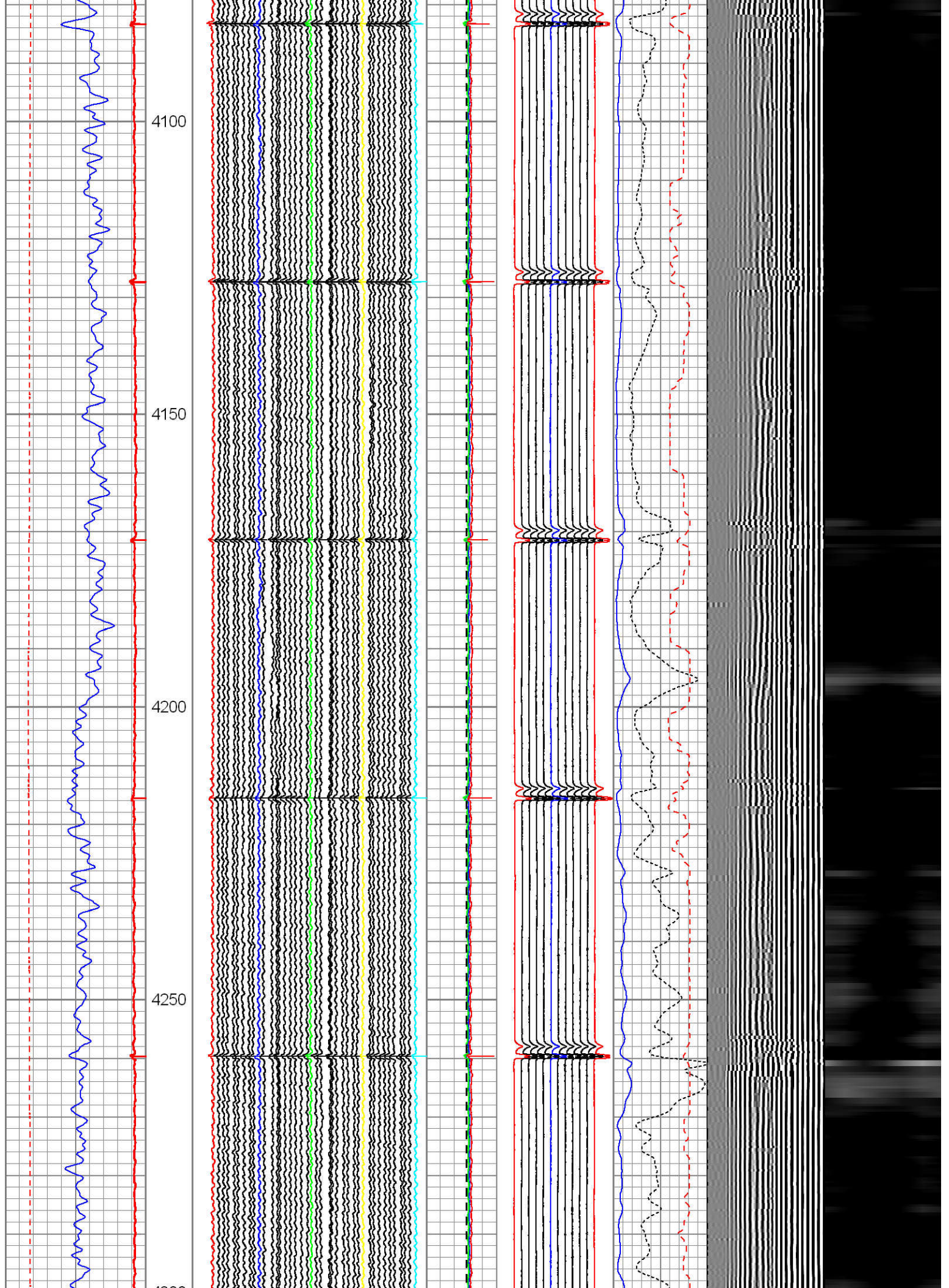


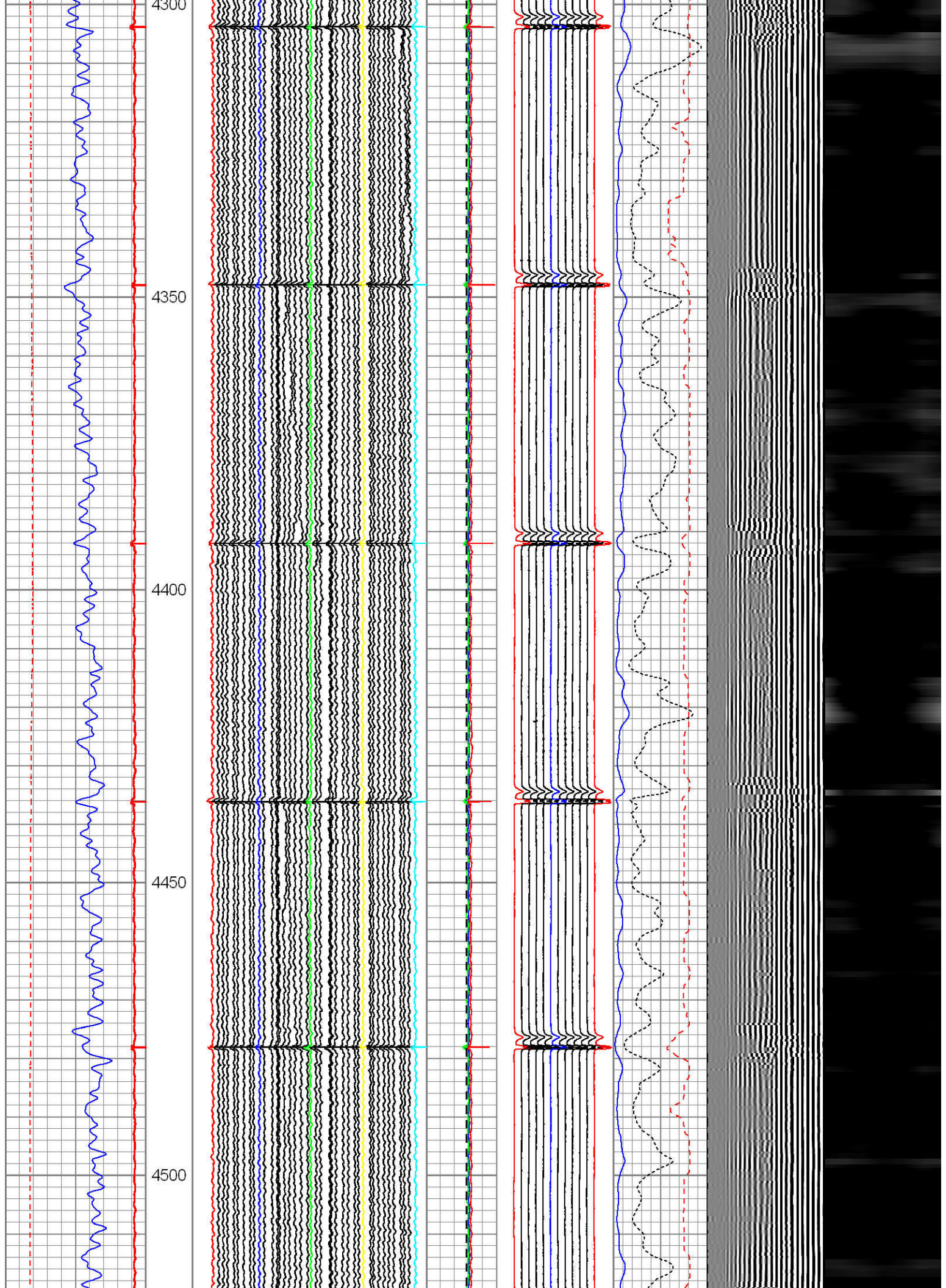


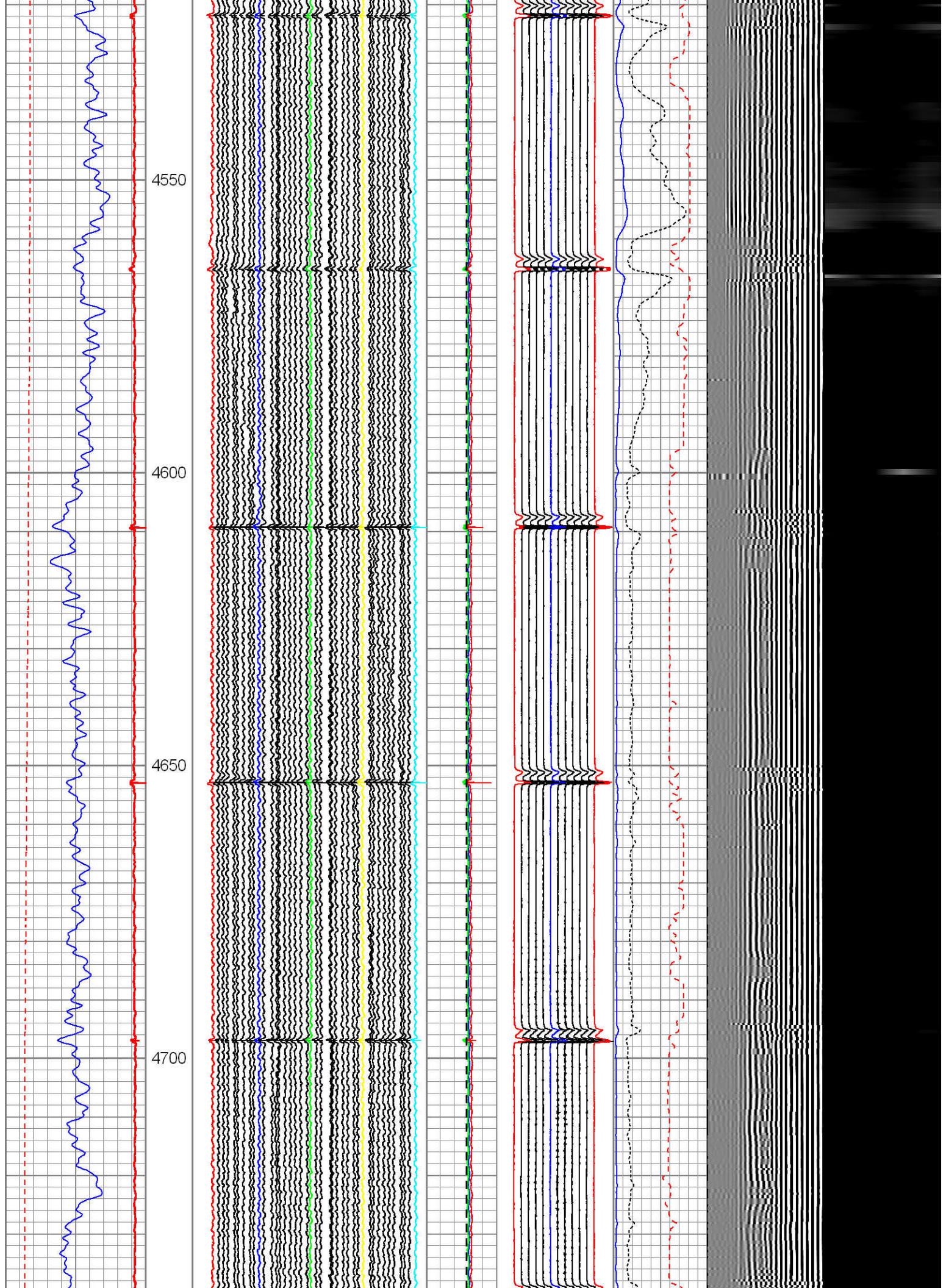


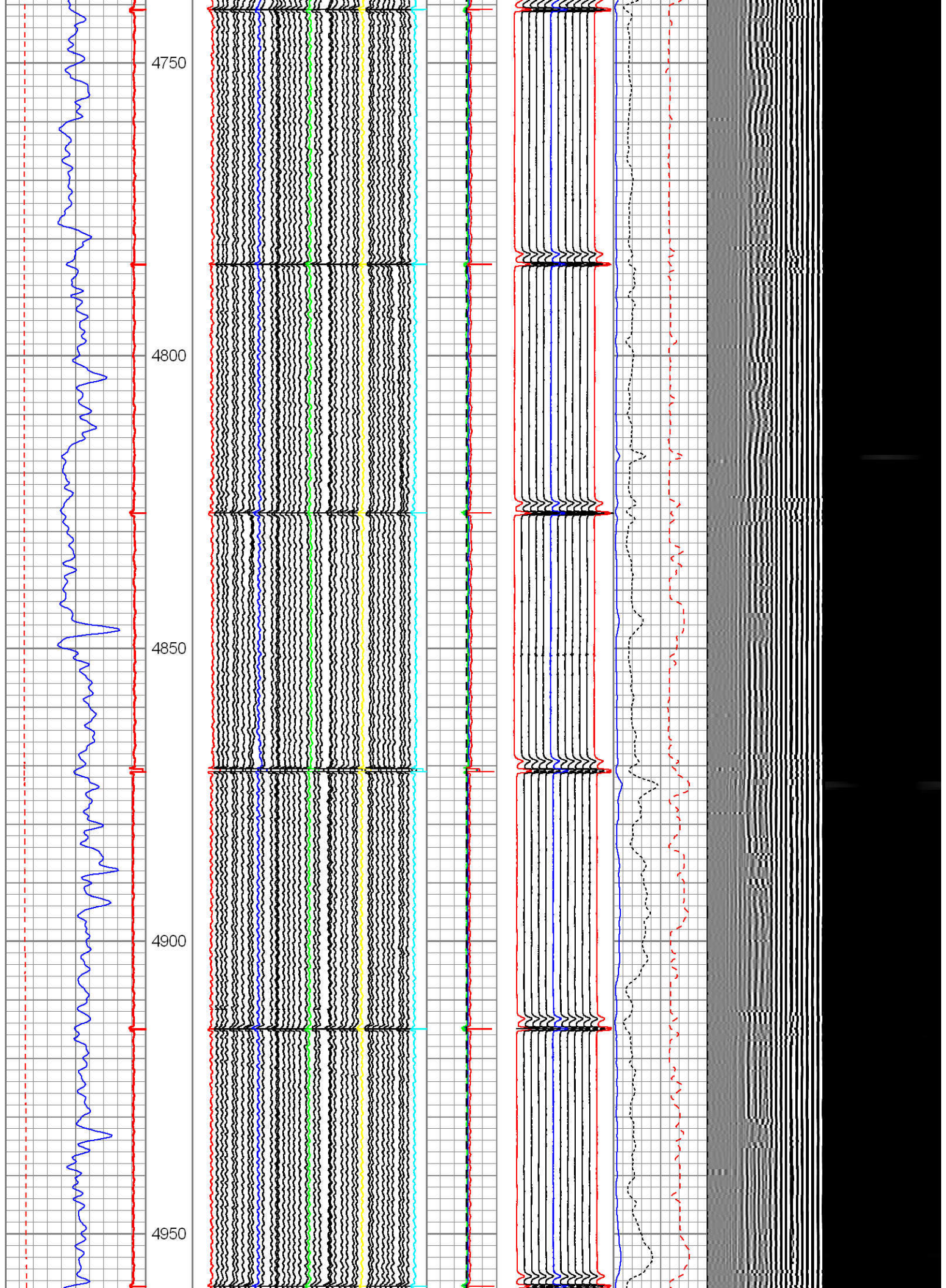


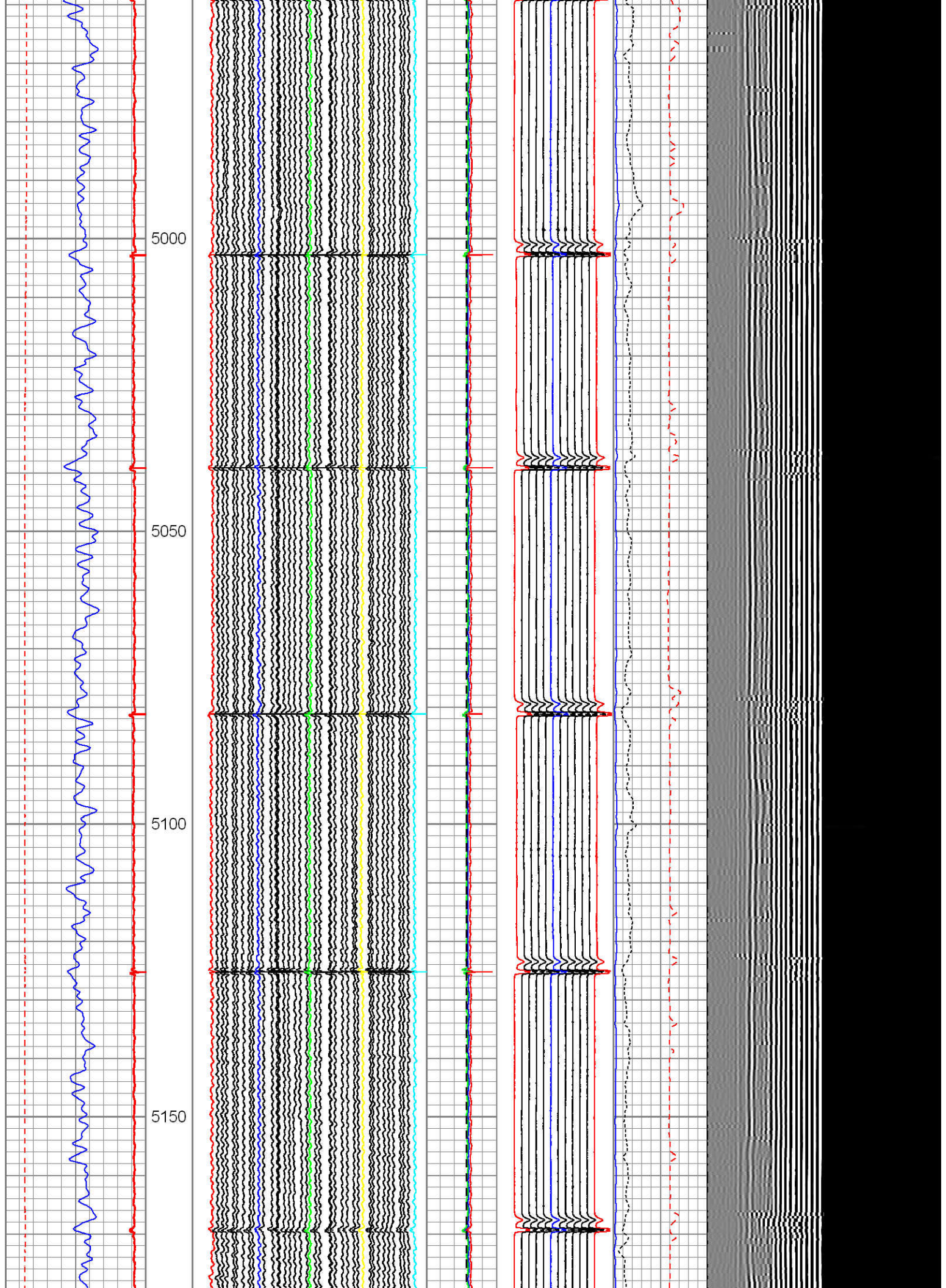


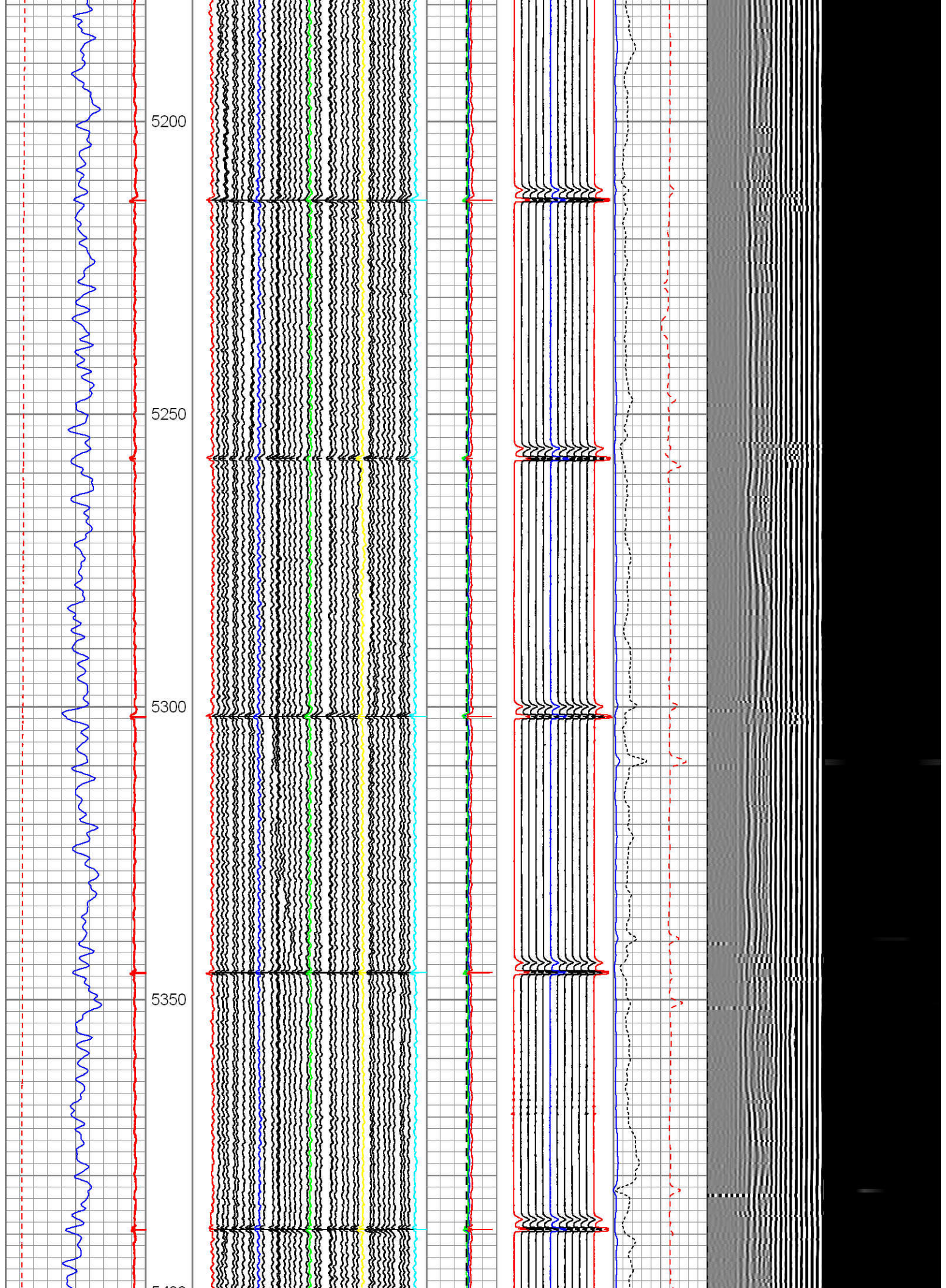


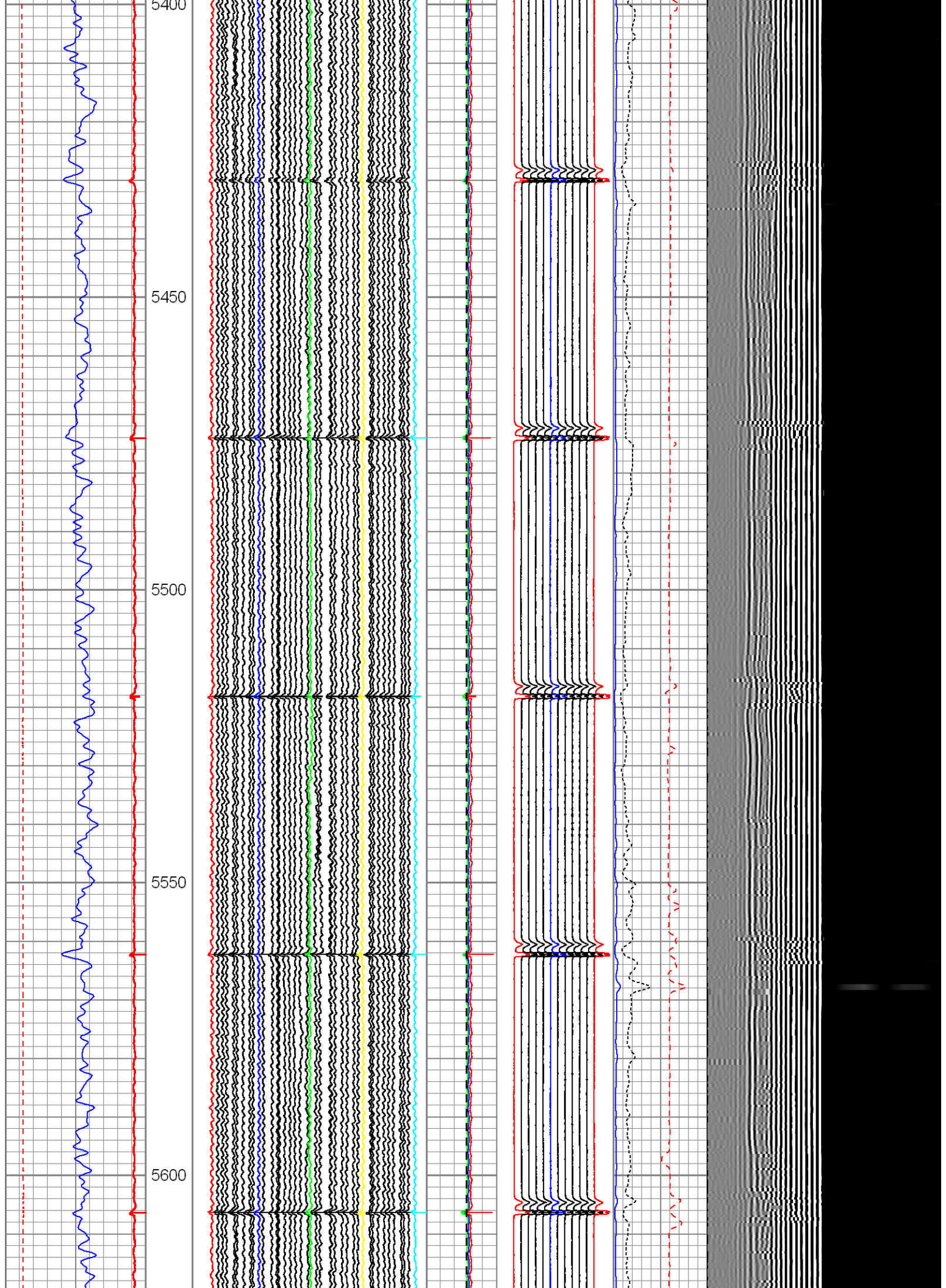


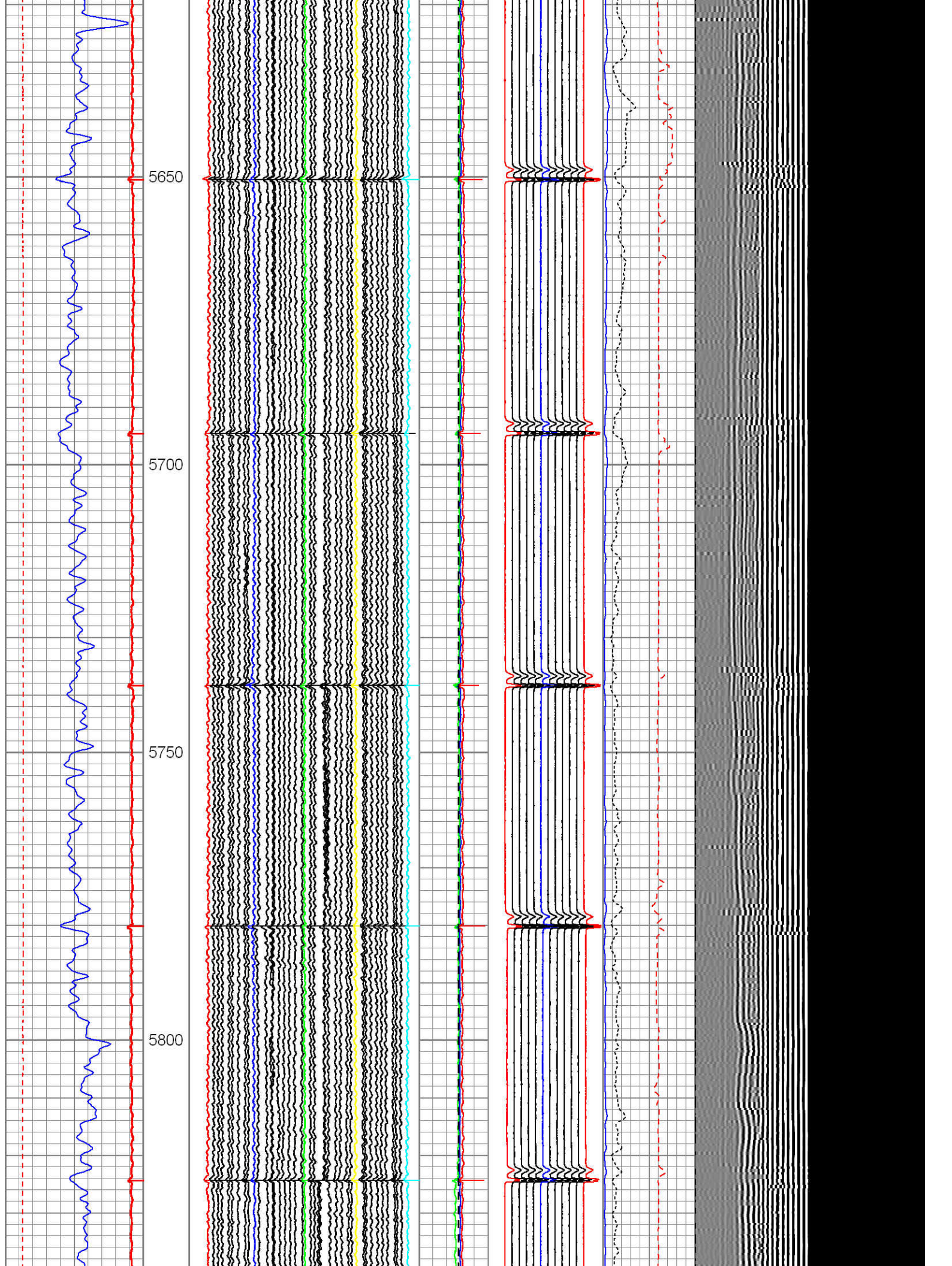


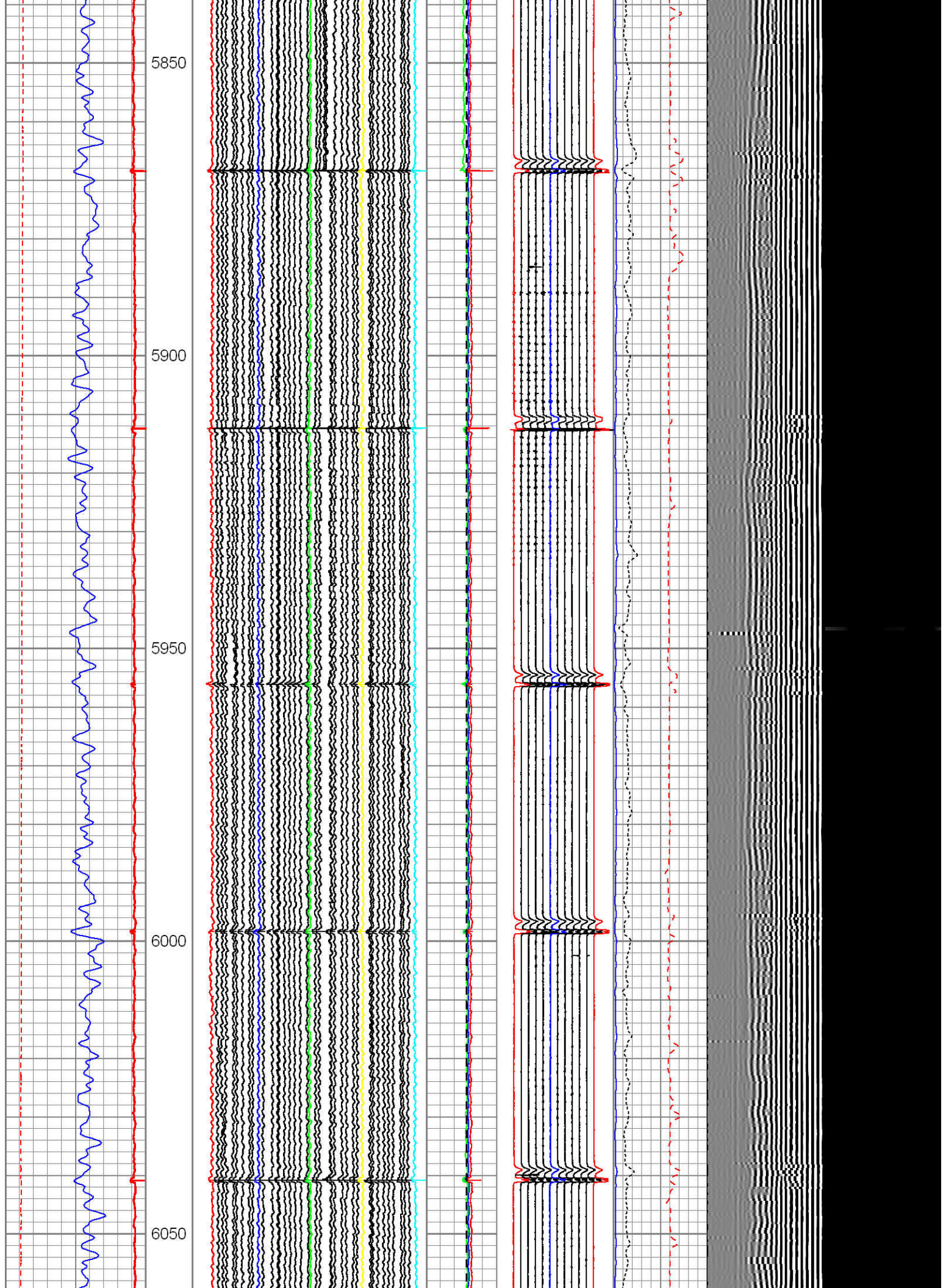


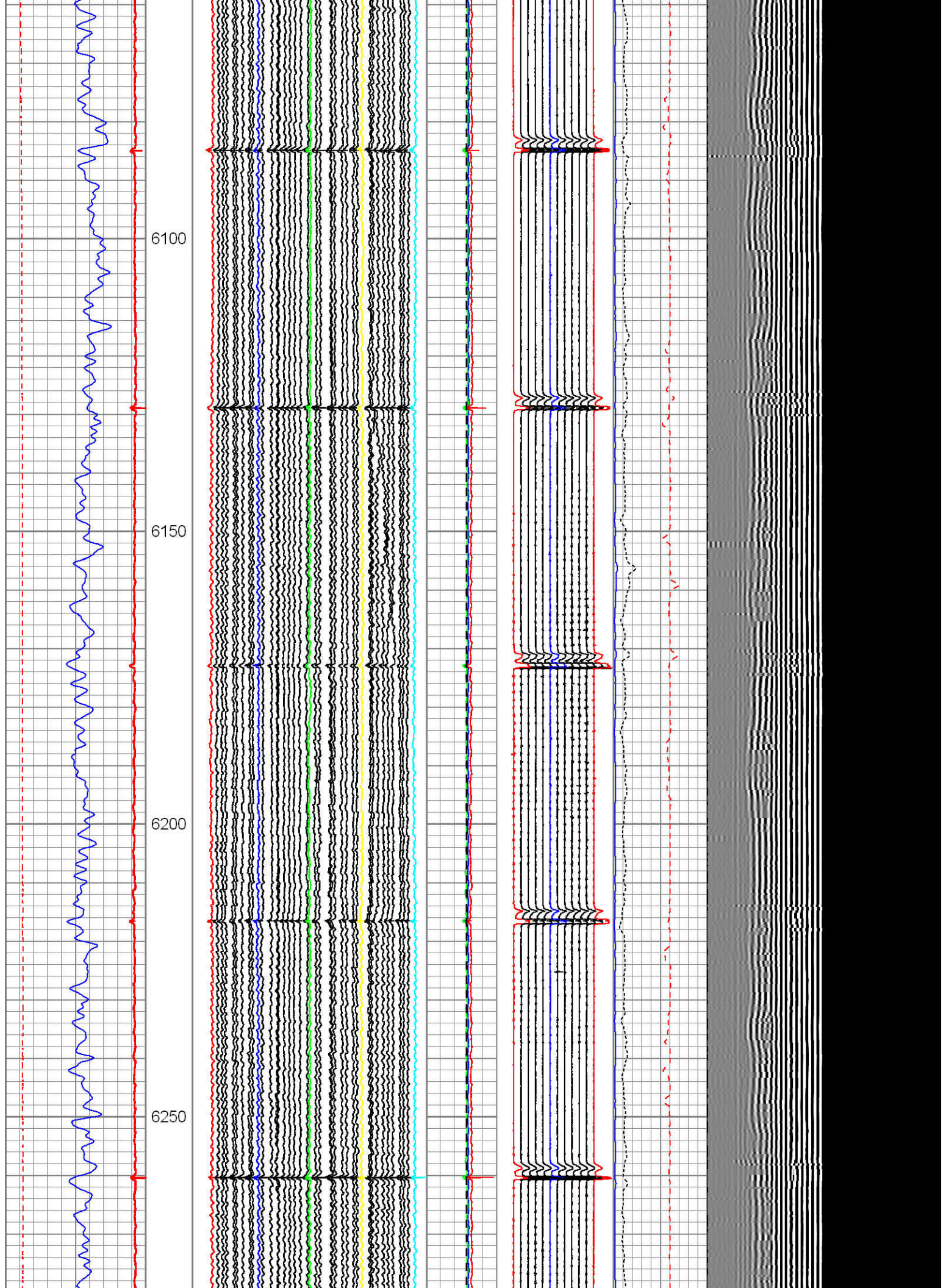


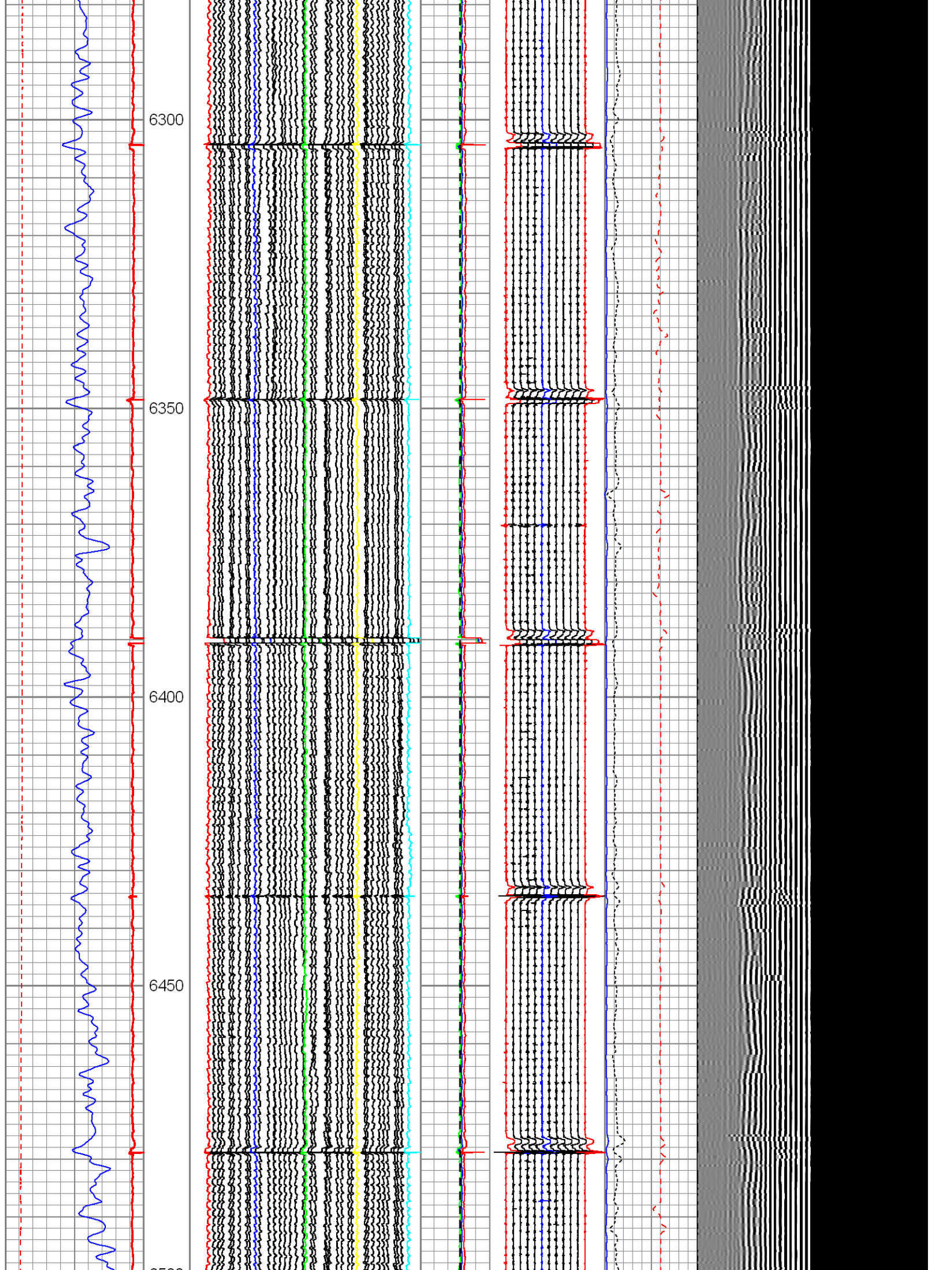


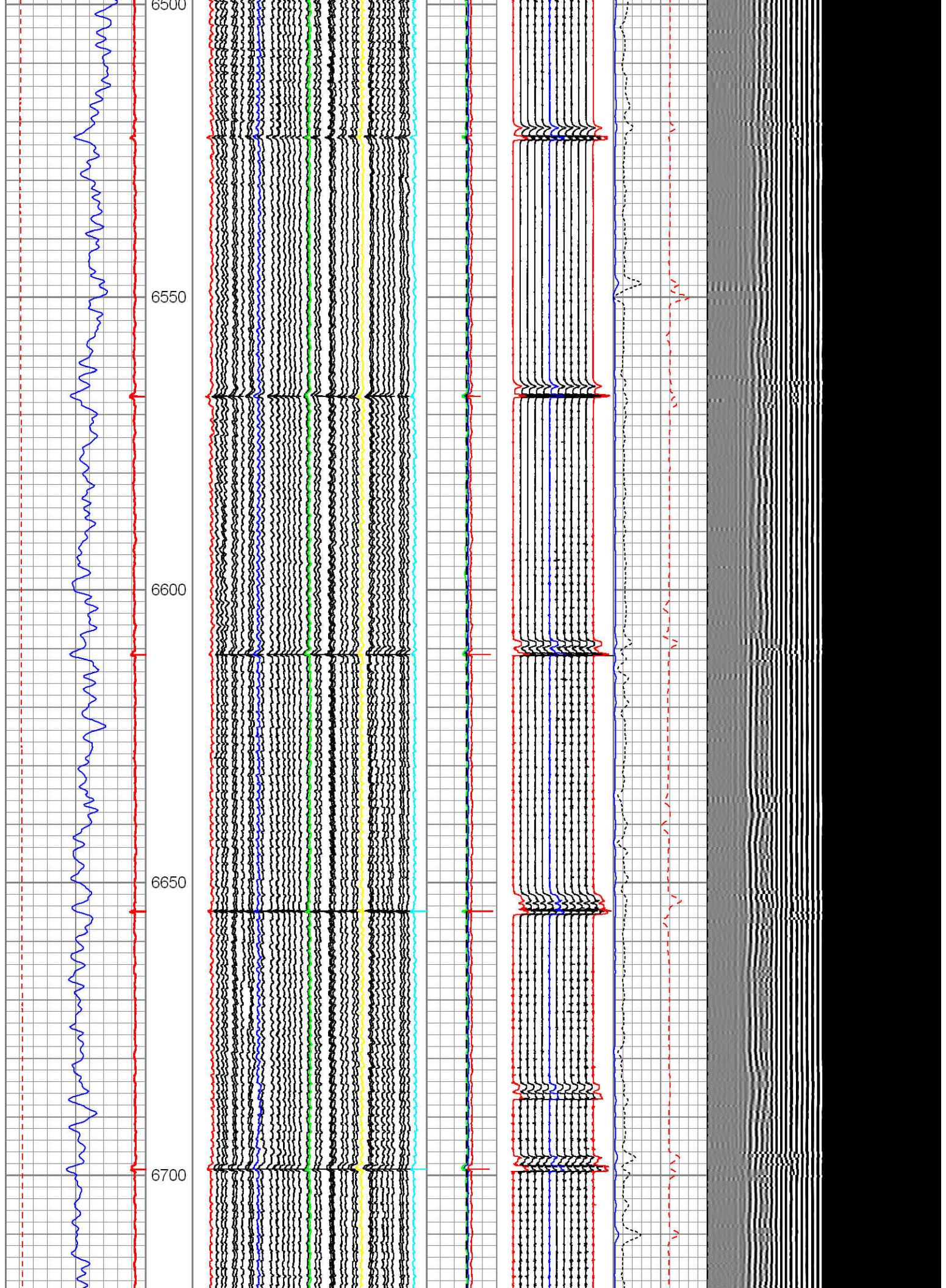


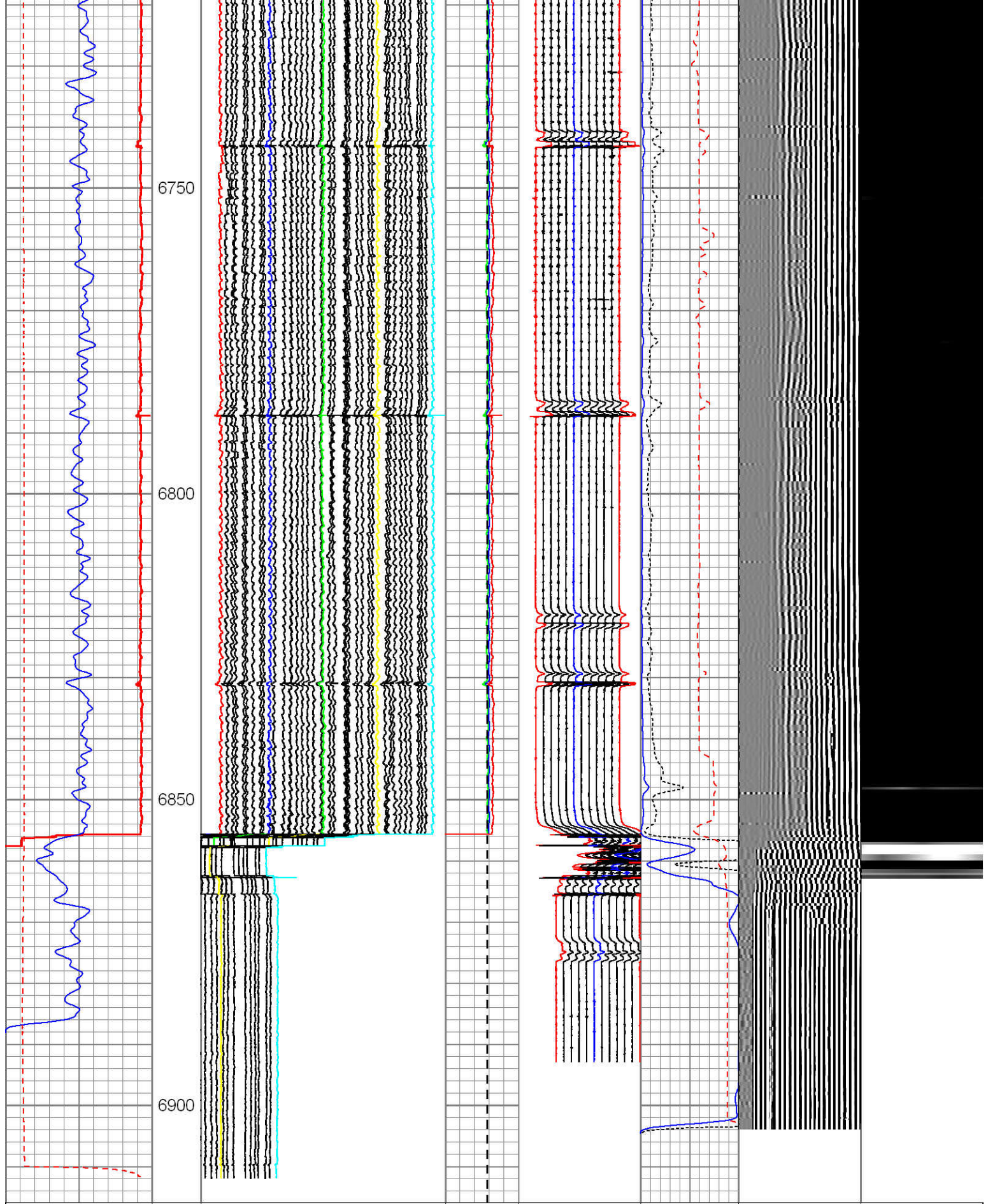












CCL			3	Caliper #1 (in)	4.8	Ave ID (in)	MTTP01		3' Amp	5' VDL		Sector Map
0	GR (GAPI)	120	2.64	Caliper #10 (in)	4.44		1	(rad)	9	(mV)	200	
Deviation			2.24	Caliper #20 (in)	4.04	5.7	6.7	MTTP06		0	100	
-10	(°)	90	1.84	Caliper #30 (in)	3.64	Min ID (in)	-1.5 (rad) 6.5		3' Amp X 5			
			1.44	Caliper #40 (in)	3.24		MTTP12		3' TT			

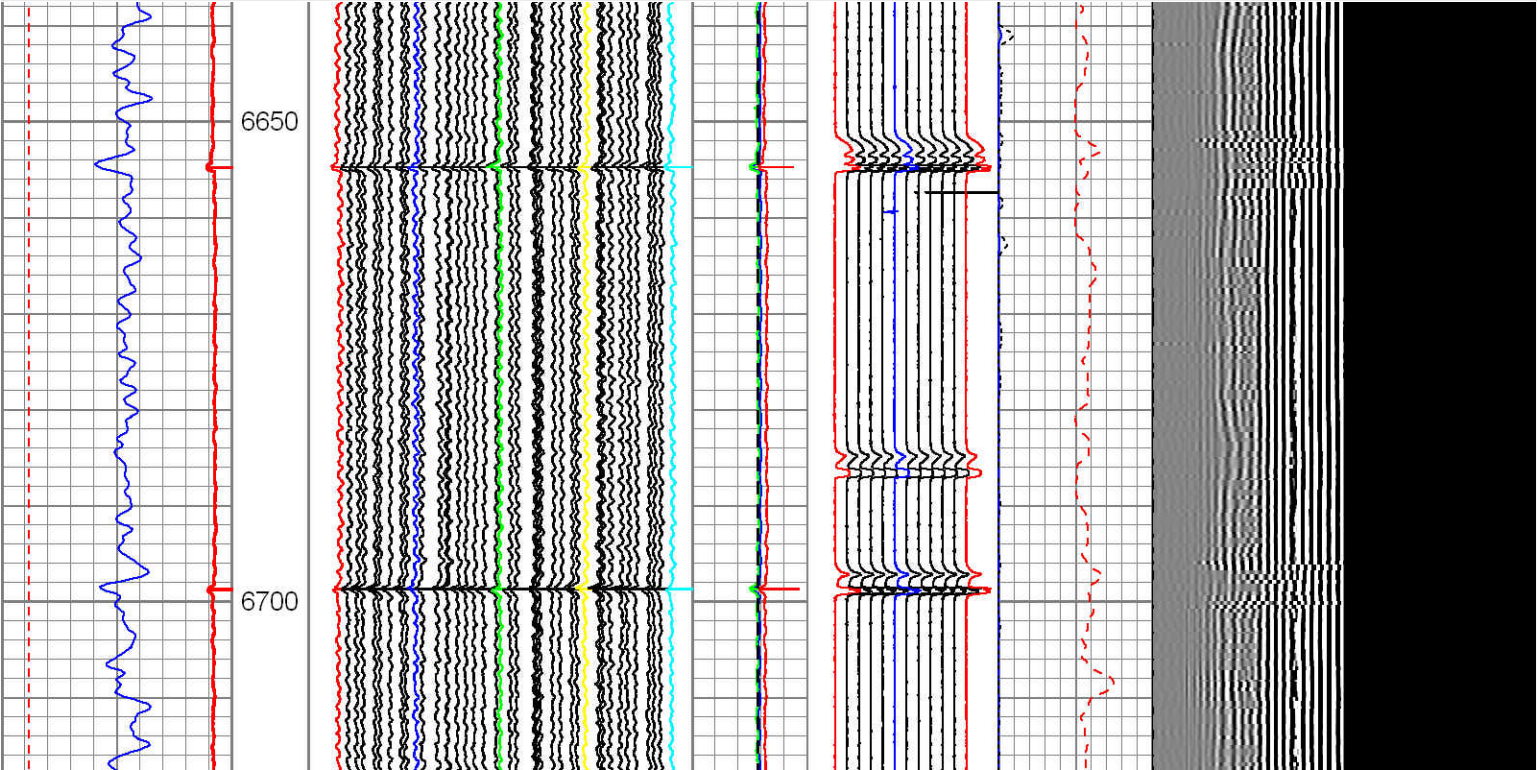
	5.7	6.7	-4.5 (rad)	3.5	(usec)
	Max ID				650 150
	(in)				
	5.7	6.7			
	Nom ID				
	(in)				
	5.7	6.7			
	---	---			

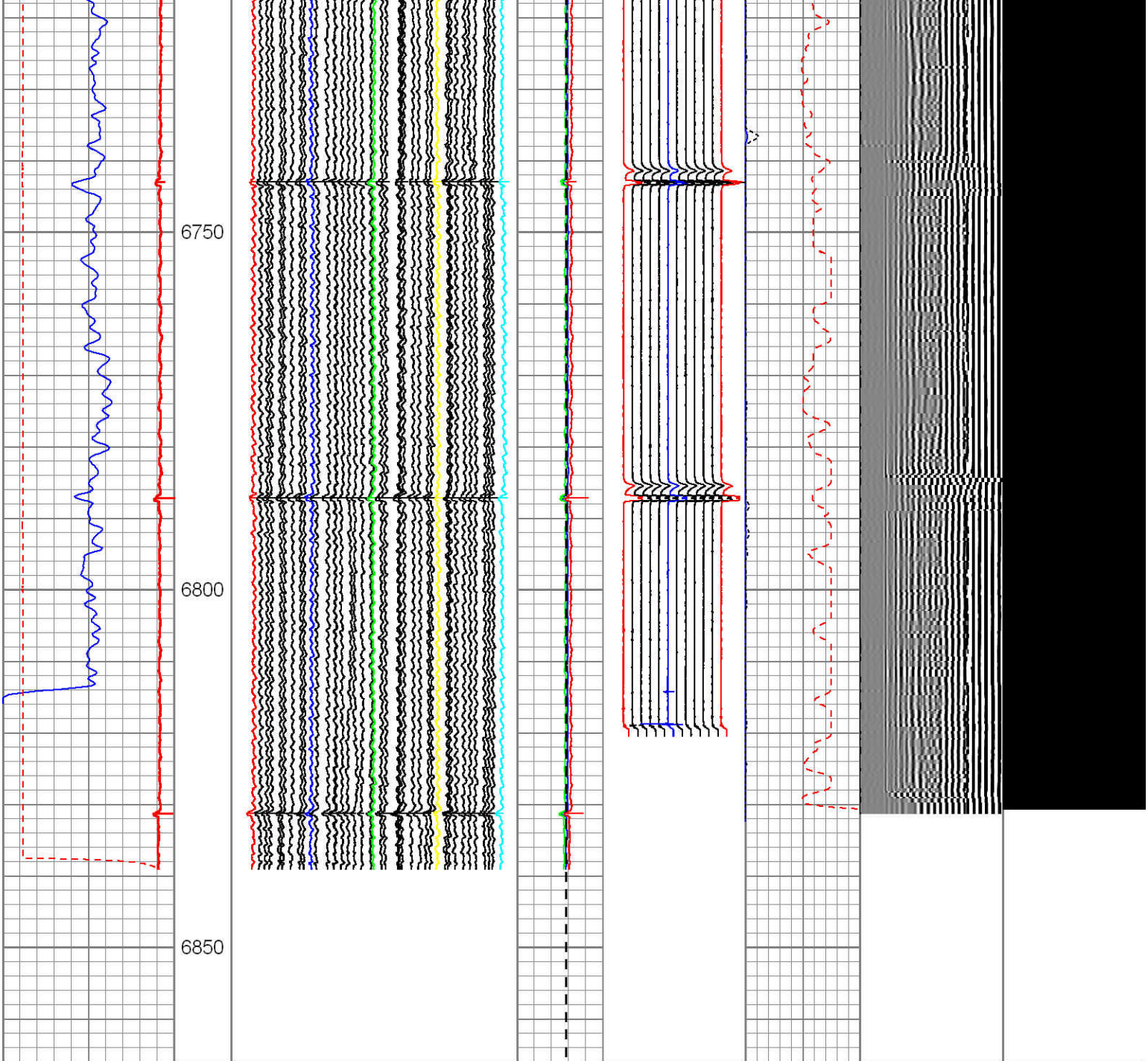


Repeat Section

Database File: kmg_gobbler 2n-23hz_cil-w7.db
Dataset Pathname: repeat
Presentation Format: us40rbl7
Dataset Creation: Sun Jul 14 13:33:50 2013 by Log Sondex V7.03
Charted by: Depth in Feet scaled 1:240

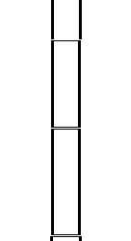
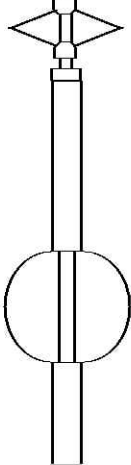

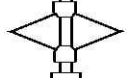
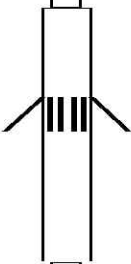
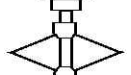
CCL	3	Caliper #1 (in)	4.8	Ave ID	MTTP01	3' Amp	5' VDL	Sector Map
0 GR (GAPI)120	2.64	Caliper #10 (in)	4.44	(in)	1 (rad) 9	(mV)	200 1200	
Deviation	2.24	Caliper #20 (in)	4.04	5.7 6.7	MTTP06	0 100		
-10 (°) 90	1.84	Caliper #30 (in)	3.64	Min ID	-1.5 (rad) 6.5	3' Amp X 5		
	1.44	Caliper #40 (in)	3.24	(in)	MTTP12	3' TT		
				5.7 6.7	-4.5 (rad) 3.5	(usec)		
				Max ID		650 150		
				(in)				
				5.7 6.7				
				Nom ID				
				(in)				
				5.7 6.7				





CCL		3	Caliper #1 (in)	4.8	Ave ID	MTTP01	3' Amp	5' VDL	Sector Map
0	GR (GAPI)120	2.64	Caliper #10 (in)	4.44	(in)	1 (rad) 9	(mV)	200 1200	
Deviation		2.24	Caliper #20 (in)	4.04	5.7 6.7	MTTP06	0 100		
-10	(°) 90	1.84	Caliper #30 (in)	3.64	Min ID	-1.5 (rad) 6.5	3' Amp X 5		
		1.44	Caliper #40 (in)	3.24	(in)	MTTP12	3' TT		
					5.7 6.7	-4.5 (rad) 3.5	(usec)		
					Max ID		650 150		
					(in)				
					5.7 6.7				
					Nom ID				
					(in)				
					5.7 6.7				

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)

GR	29.73		CHD-AES (000001) Cable Head	1.04	1.69	2.00
			XTU-001 (000001) Crossover Ultrawire Toolbus to Ultralink	1.58	1.69	6.50
			PGR-020 (000001) Production Gamma Ray	1.93	1.69	9.50
			PRC-001 (000001) Production Roller Centraliser (3 Arm)	1.92	1.69	7.00
MTT	23.47		MTT-002 (000001) Magnetic Thickness Tool	6.86	1.69	30.00
			PRC-001 (000008) Production Roller Centraliser (3 Arm)	1.92	1.69	7.00
WVF3FT	13.65		RBT-003 (000002) Radial Bond Tool (UW 1 11/16)	9.93	1.69	42.00
WVFS1	13.65					
WVFS2	13.65					
WVFS3	13.65					
WVFS4	13.65					
WVFS5	13.65					
WVFS6	13.65					
CBLTEMP	13.65					
CBLROT	13.65		PRC-001 (10) Production Roller Centraliser (3 Arm)	1.92	1.69	7.00
WVF5FT	12.65					
MIT	4.48		MIT-027 (218950) Multifinger Imaging Tool (UW 40F)	4.54	2.75	61.10
TSTAMP	0.00		PRC-001 (kuhyi) Production Roller Centraliser (3 Arm)	1.92	1.69	7.00
ITEMPX	0.00		BUL-006 (000002) Bullnose Terminator	0.22	1.69	1.20
HVOLTX	0.00					
Dataset: kmg_gobbler 2n-23hz_cil-w7.db: field/well/run1/main						
Total Length: 33.77 ft						
Total Weight: 180.30 lb						
O.D. 2.75 in						

Calibration Report

Database File: kmg_gobbler 2n-23hz_cil-w7.db
 Dataset Pathname: main
 Dataset Creation: Sun Jul 14 13:47:46 2013 by Log Sondex V7.03

Multi-finger Imaging Tool Calibration Report

Serial Number: 218950
 Number of Fingers: 40
 Tool Model: 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: Sun Jul 14 08:01:46 2013

Ring size:	4		5		6		7
(in)		Sens		Sens		Sens	
Finger 01:	1451	260.0	1711	295.0	2006	286.0	2292
Finger 02:	1513	251.0	1764	278.0	2042	272.0	2314
Finger 03:	1434	267.0	1701	311.0	2012	305.0	2317
Finger 04:	1480	253.0	1733	294.0	2027	289.0	2316
Finger 05:	1512	240.0	1752	278.0	2030	271.0	2301
Finger 06:	1500	246.0	1746	288.0	2034	286.0	2320
Finger 07:	1481	256.0	1737	302.0	2039	299.0	2338
Finger 08:	1553	229.0	1782	268.0	2050	269.0	2319
Finger 09:	1478	263.0	1741	303.0	2044	306.0	2350
Finger 10:	1521	247.0	1768	285.0	2053	284.0	2337
Finger 11:	1499	254.0	1753	292.0	2045	300.0	2345
Finger 12:	1487	264.0	1751	303.0	2054	313.0	2367
Finger 13:	1513	262.0	1775	292.0	2067	299.0	2366
Finger 14:	1495	264.0	1759	292.0	2051	306.0	2357
Finger 15:	1518	267.0	1785	291.0	2076	308.0	2384
Finger 16:	1500	269.0	1769	288.0	2057	308.0	2365
Finger 17:	1488	276.0	1764	294.0	2058	314.0	2372
Finger 18:	1530	267.0	1797	274.0	2071	292.0	2363
Finger 19:	1564	260.0	1824	261.0	2085	283.0	2368
Finger 20:	1489	280.0	1769	282.0	2051	309.0	2360
Finger 21:	1465	292.0	1757	294.0	2051	322.0	2373
Finger 22:	1491	292.0	1783	285.0	2068	310.0	2378
Finger 23:	1545	278.0	1823	264.0	2087	287.0	2374
Finger 24:	1539	282.0	1821	271.0	2092	297.0	2389
Finger 25:	1511	296.0	1807	280.0	2087	303.0	2390
Finger 26:	1481	300.0	1781	281.0	2062	306.0	2368
Finger 27:	1482	301.0	1783	281.0	2064	303.0	2367
Finger 28:	1488	302.0	1790	283.0	2073	303.0	2376
Finger 29:	1472	298.0	1770	280.0	2050	296.0	2346
Finger 30:	1473	297.0	1770	283.0	2053	298.0	2351
Finger 31:	1537	269.0	1806	254.0	2060	263.0	2323
Finger 32:	1485	292.0	1777	285.0	2062	292.0	2354
Finger 33:	1487	291.0	1778	285.0	2063	281.0	2344
Finger 34:	1462	290.0	1752	290.0	2042	293.0	2335
Finger 35:	1469	285.0	1754	289.0	2043	290.0	2333
Finger 36:	1467	277.0	1744	285.0	2029	283.0	2312
Finger 37:	1508	272.0	1780	277.0	2057	270.0	2327
Finger 38:	1473	277.0	1750	293.0	2043	288.0	2331
Finger 39:	1446	275.0	1721	297.0	2018	291.0	2309

Finger 30: 1715 210.0 1727 301.0 2010 209.0 2000
Finger 40: 1454 273.0 1727 301.0 2028 295.0 2323

Segmented Cement Bond Log Calibration Report

Serial Number: 000002
Tool Model: 003

Calibration Casing Diameter: 7.000 in
Calibration Depth: 844.936 ft

Master Calibration, performed Sun Jul 14 13:53:02 2013:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3FT	0.014	1.120	0.800	62.165	55.493	0.500
5FT	0.011	0.812	0.800	62.165	76.611	-0.074
S1	0.029	1.294	0.000	100.000	79.028	-2.253
S2	0.026	1.188	0.000	100.000	86.046	-2.248
S3	0.024	1.165	0.000	100.000	87.610	-2.069
S4	0.046	1.144	0.000	100.000	91.080	-4.160
S5	0.032	1.200	0.000	100.000	85.593	-2.698
S6	0.024	1.314	0.000	100.000	77.498	-1.839

Gamma Ray Calibration Report

Serial Number: 000001
Tool Model: 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 Gobbler 2N-23HZ
Field Wattenberg
County Weld
State Colorado