


Thank you for choosing FMC Technologies Completion Services, Inc.

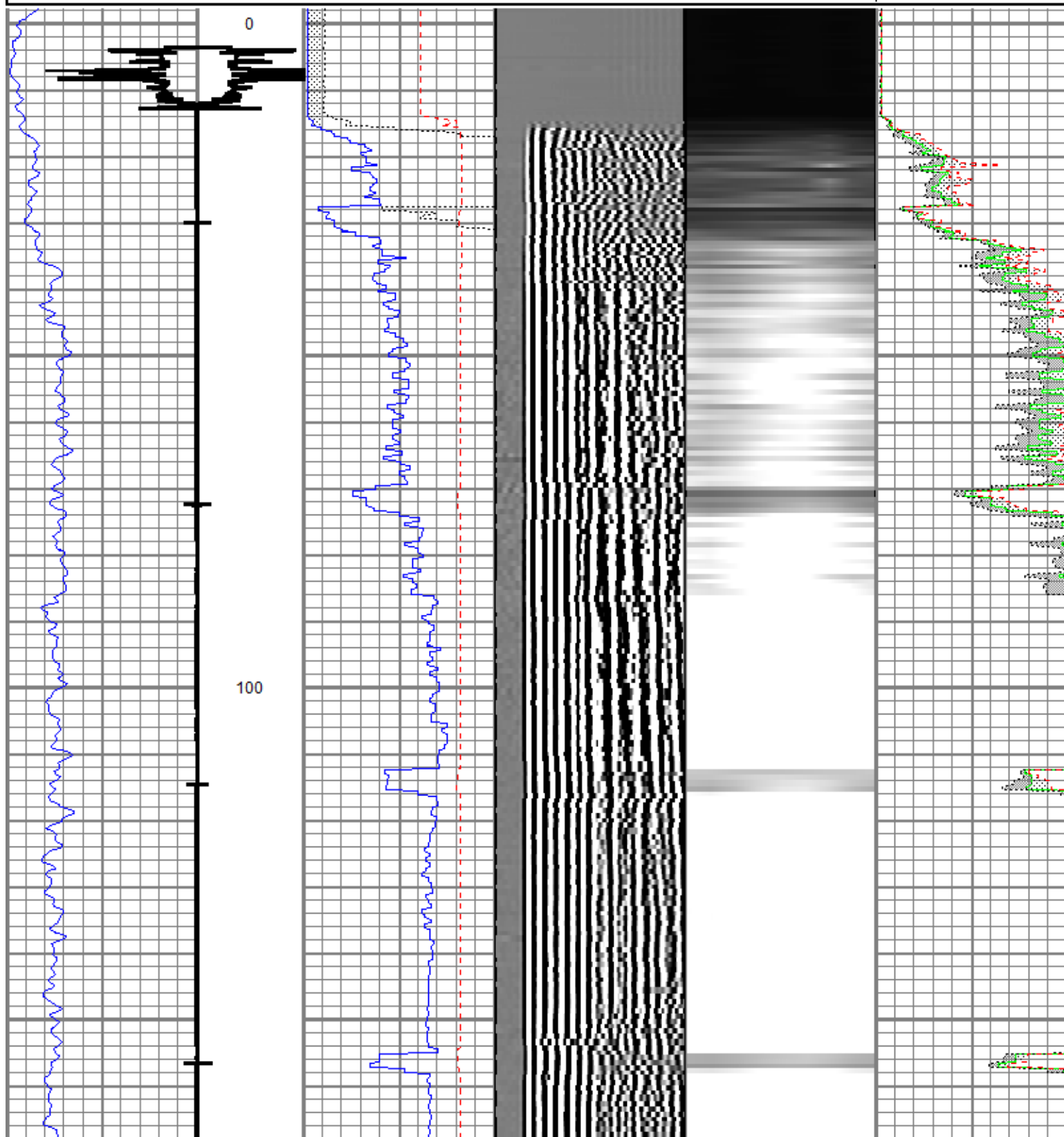
Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
Titan_Electric	C28.56 leads		T_CH14375_1_GO	1.03	1.44	4.00
UW_AGS	27.53		Titan 1-7/16" Assembled Electric Cable Head with 1" Fishing Neck			
			UW_AGS-UW_AGS_001 (218848)	0.21	1.69	1.00

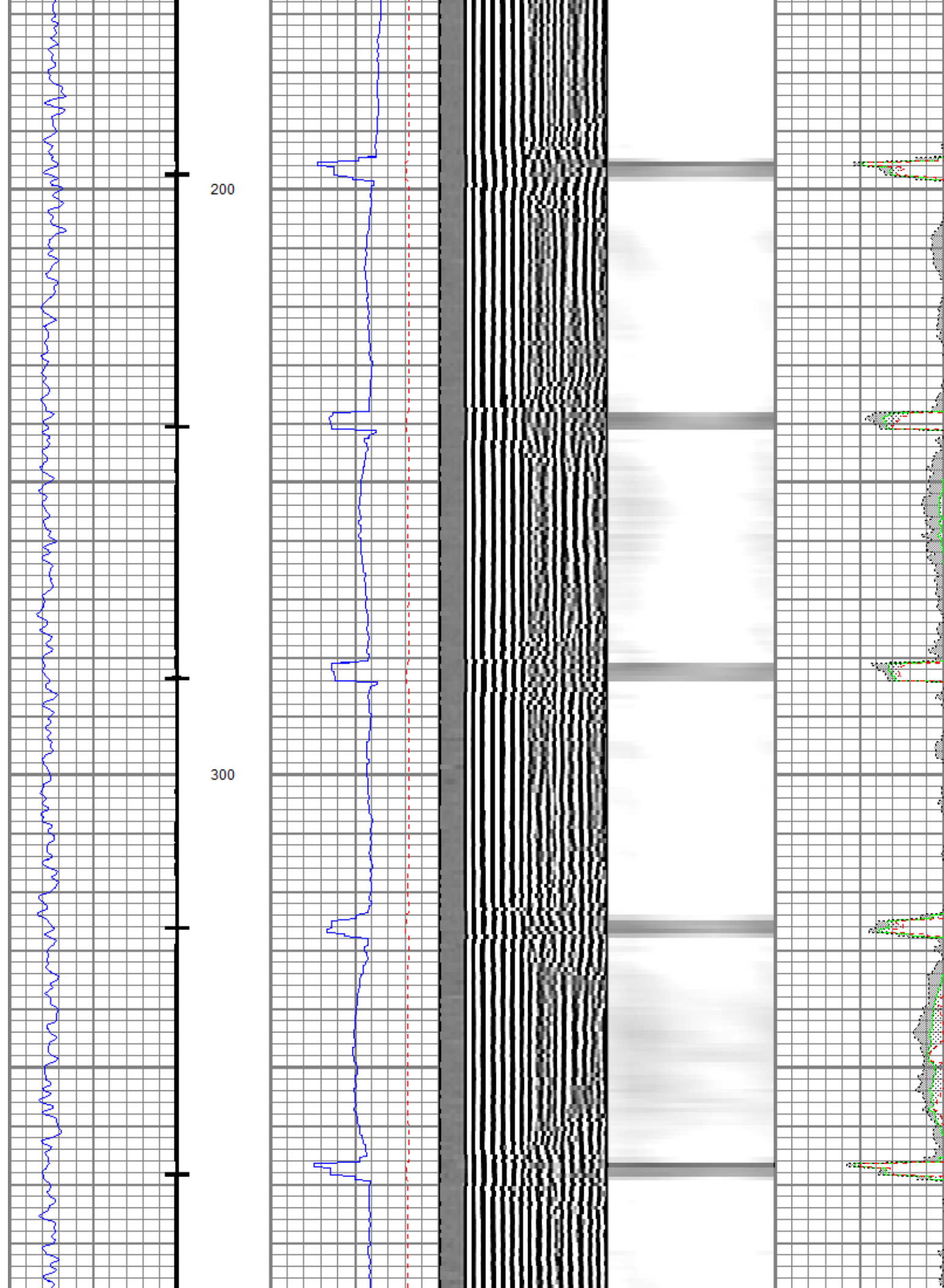
			Sondex Adapter - GO Box to Sondex Pin	1.58	1.69	6.50
			UW_XTU-UW_XTU_002 (10010519) Crossover Ultrawire Toolbus to Ultralink			
			UW_PGR-UW_PGR_020 (10013902) Production Gamma Ray	1.93	1.69	9.50
GR	24.32					
UW_PSJ	23.82					
			UW_PSJ-PSJ_000 (10020444) Sondex 1-11/16" Ultrawire Swivel Joint	0.91	1.69	9.00
UW_PKJ	22.91					
DSS	22.37		UW_PKJ-PKJ_000 (10020023) Sondex 1-11/16" Ultrawire Knuckle Joint	0.54	1.69	3.50
			DSS-2-3/4" (RAC.20.085SX) DSS 2-3/4" 5 Arm Centralizer W/ Sondex Ends	2.55	2.75	
UW_RBT	19.82					
WVFS1	15.48		UW_RBT-UW_RBT_004 (10013454) Sondex Ultrawire 3-1/8" Radial Bond Tool	9.47	3.13	140.00
WVFS2	15.48					
WVFS3	15.48					
WVFS4	15.48					
WVFS5	15.48					
WVFS6	15.48					
WVFS7	15.48					
WVFS8	15.48					
CBLTEMP	15.48					
CBLROT	15.48					
WVFS5FT	14.48					
DSS	10.34		DSS #2 -2-3/4" (RAC.20.086SX) DSS 2-3/4" 5 Arm Centralizer W/ Sondex Ends	2.55	2.75	
MIT	5.00		UW_MIT-UW_MIT60_029 (10018255) 60 Multifinger Imaging Tool	5.02	4.00	90.00
DSS	2.77					
UW_BUL	0.22		DSS #3 -2-3/4" (RAC.20.087SX) DSS 2-3/4" 5 Arm Centralizer W/ Sondex Ends	2.55	2.75	
TSTAMP	0.00					
ITEMPX	0.00		UW_BUL-UW_BUL_006 (10019616) Sondex Ultrawire Bullnose Terminator	0.22	1.69	1.20
HVOLTX	0.00					
Dataset: greyb19x.db: field/well/run1/pass6 Total Length: 28.56 ft Total Weight: 264.70 lb O.D. 4.00 in						

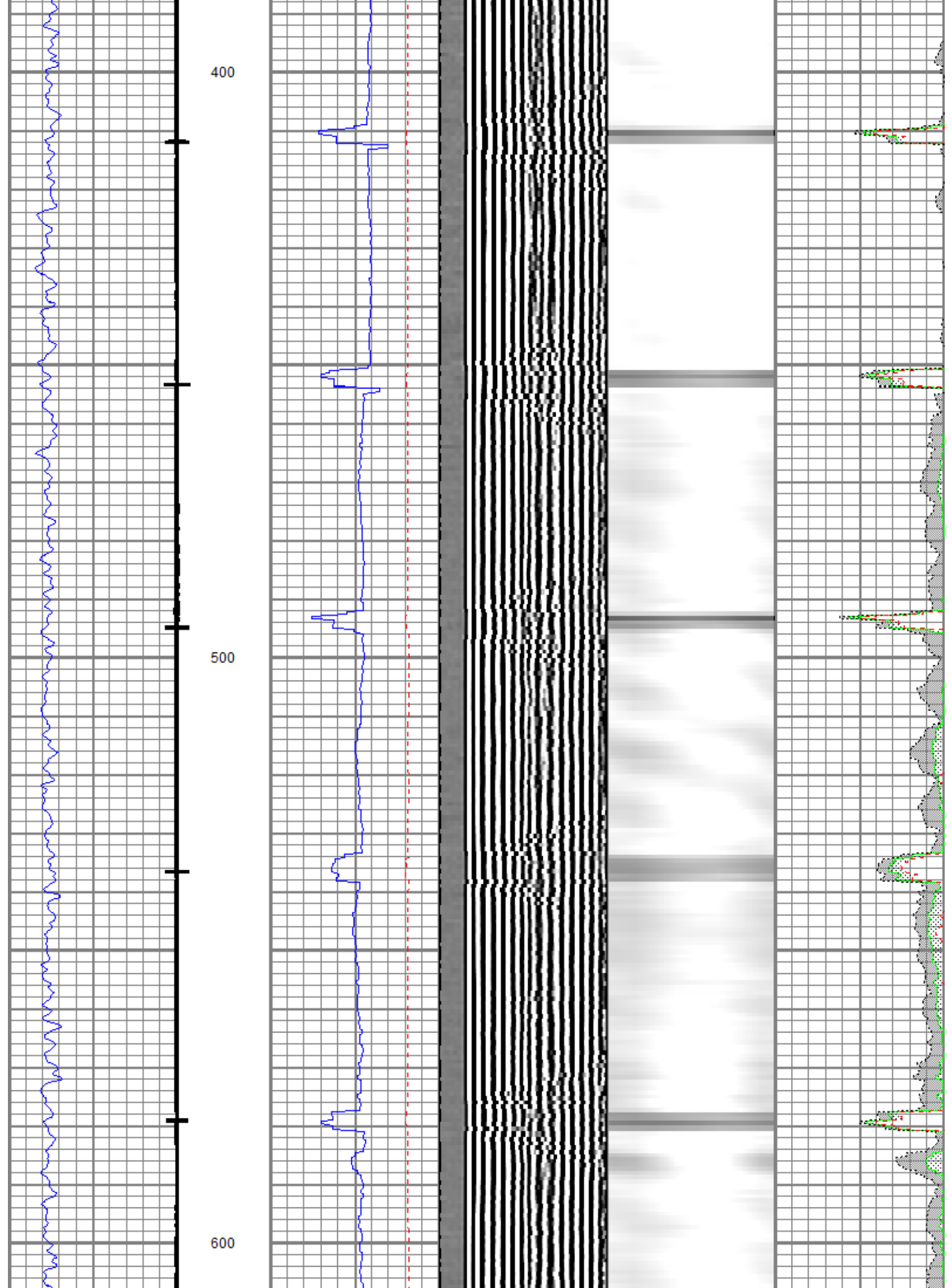
Main Pass

Database File: greyb19x.db  
 Dataset Pathname: pass6  
 Presentation Format: rbtmitcl  
 Dataset Creation: Mon Oct 06 16:46:48 2014 by Log 7.0 B1  
 Charted by: Depth in Feet scaled 1:240

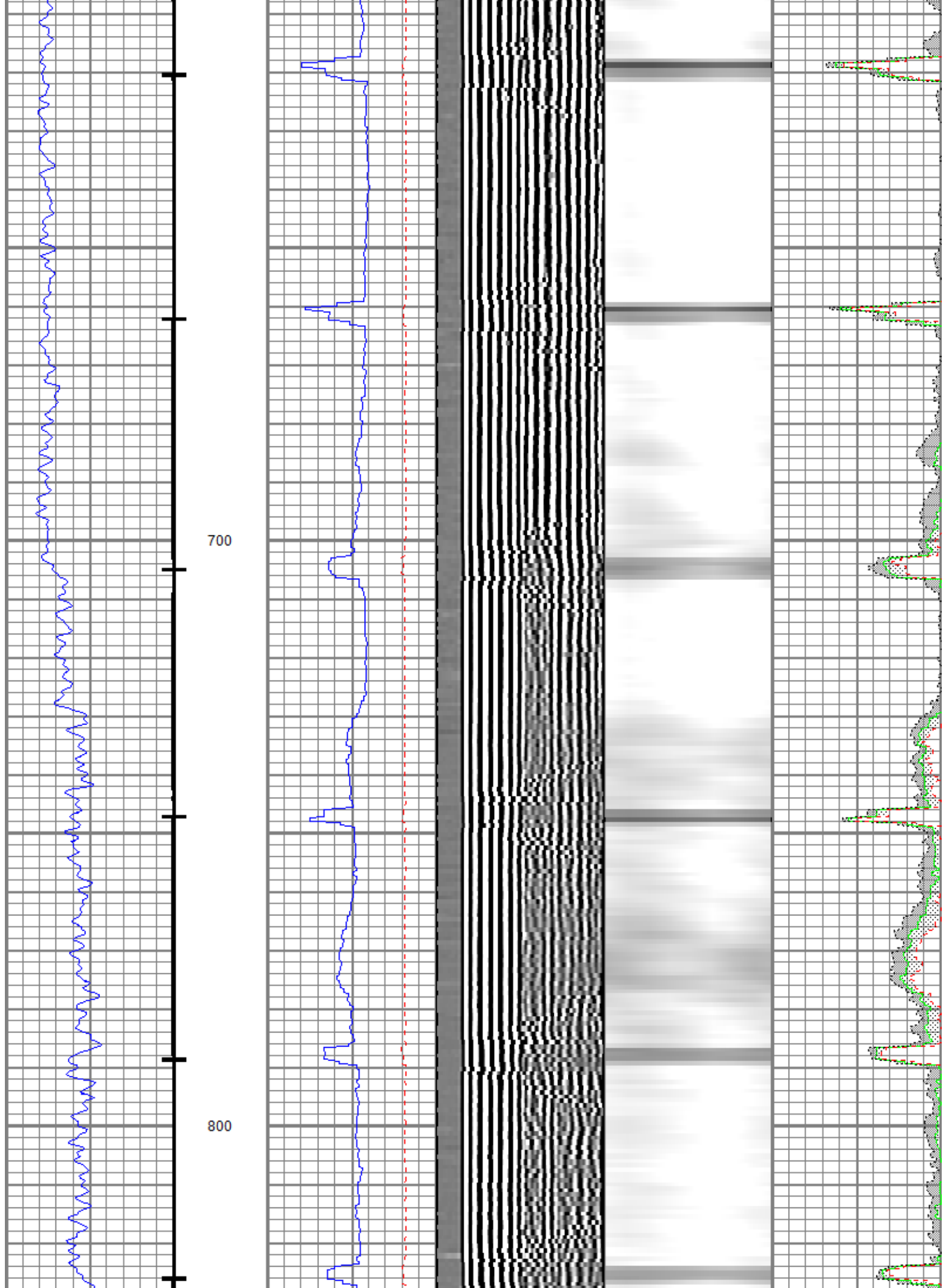
Gamma Ray (GAPI)	0	150	3' Amplitude (mV)	100	5' Variable Density Log	Sector Map	Average Amplitude
Casing Collar Locator	0		3' Amplitude x 5 (mV)	20	200	1200	0
			3' Travel Time (usec)	150			100
							Minimum Amplitude
							0
							100
							Maximum Amplitude
							0
							100

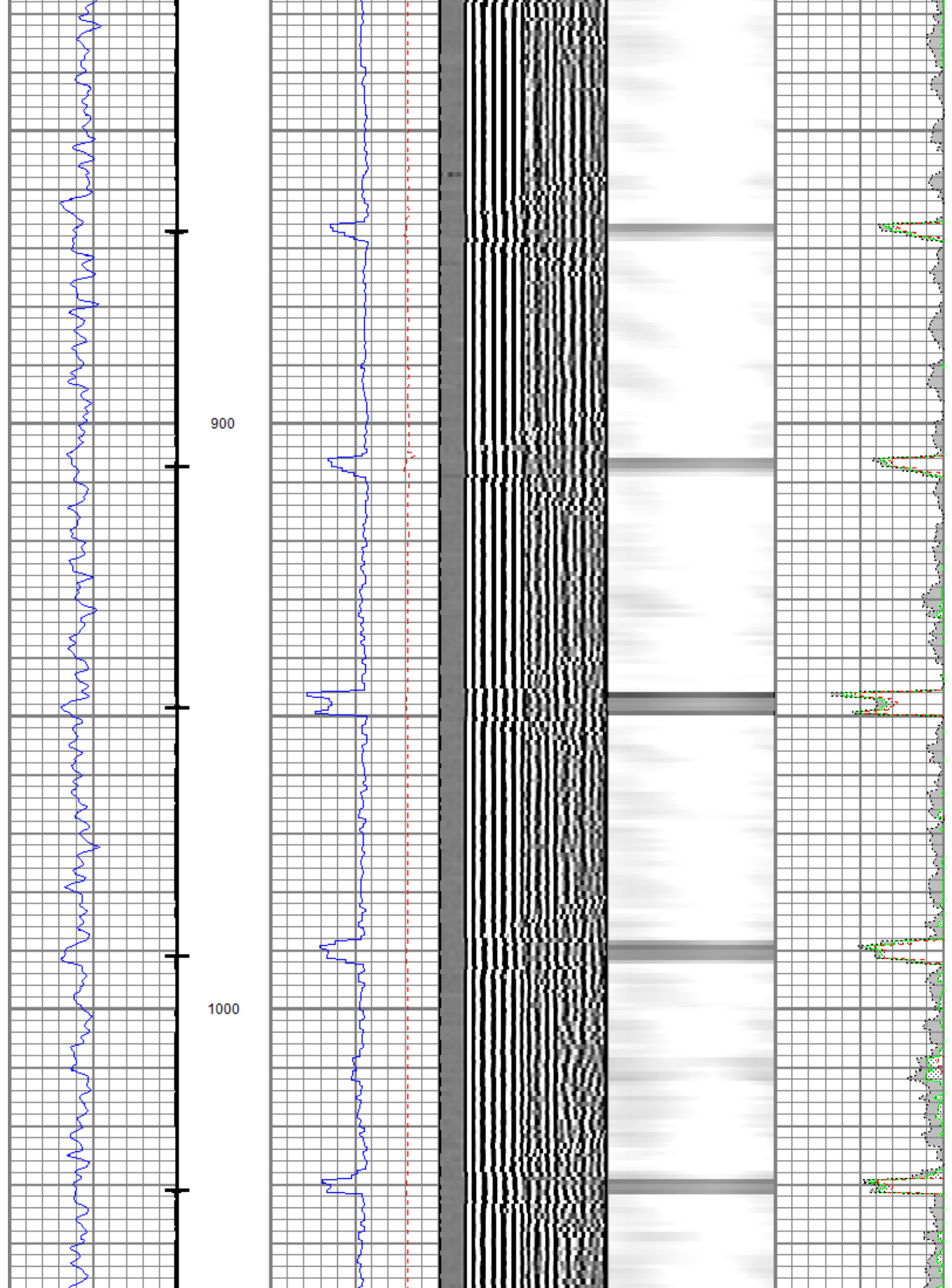


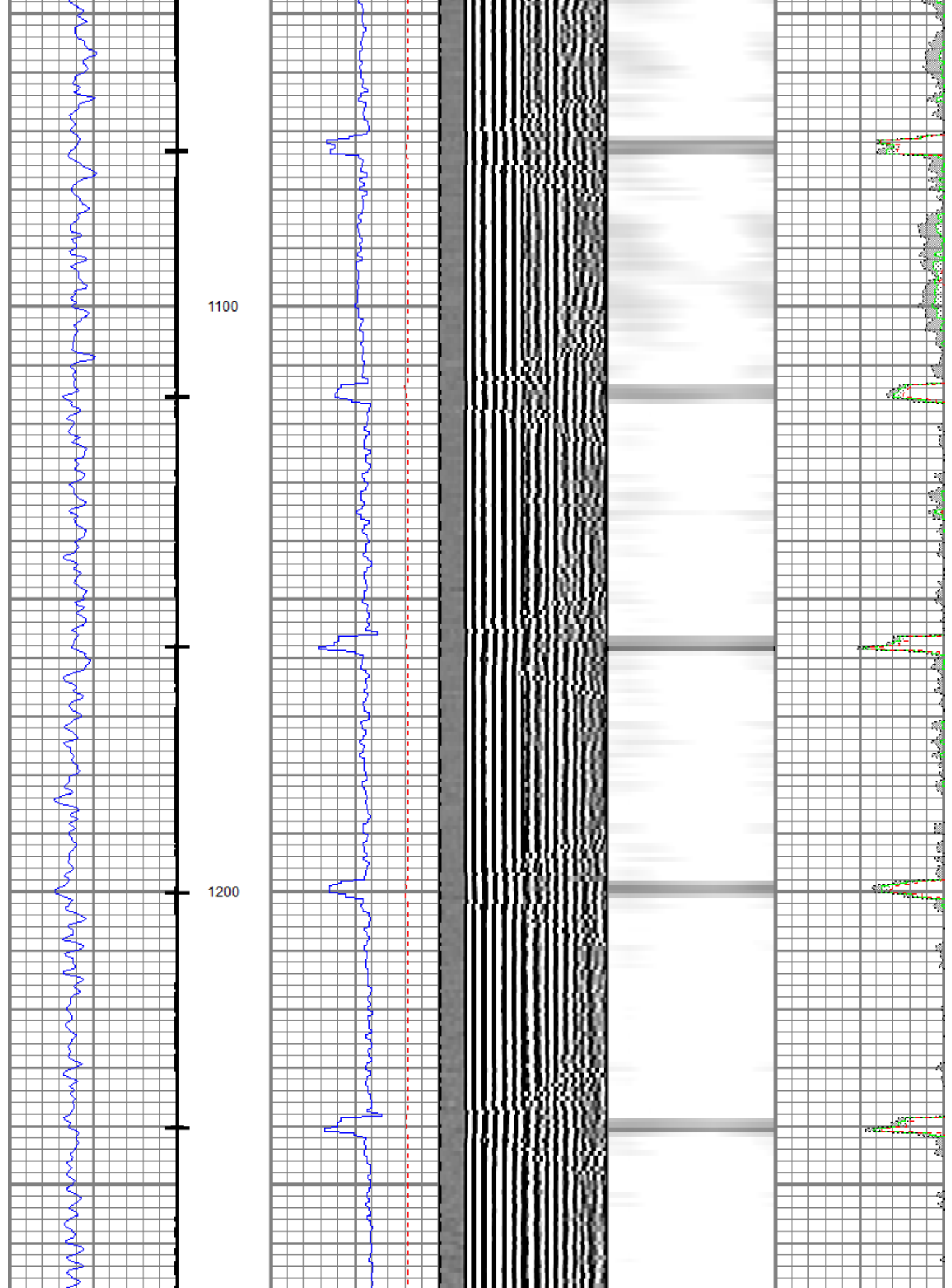




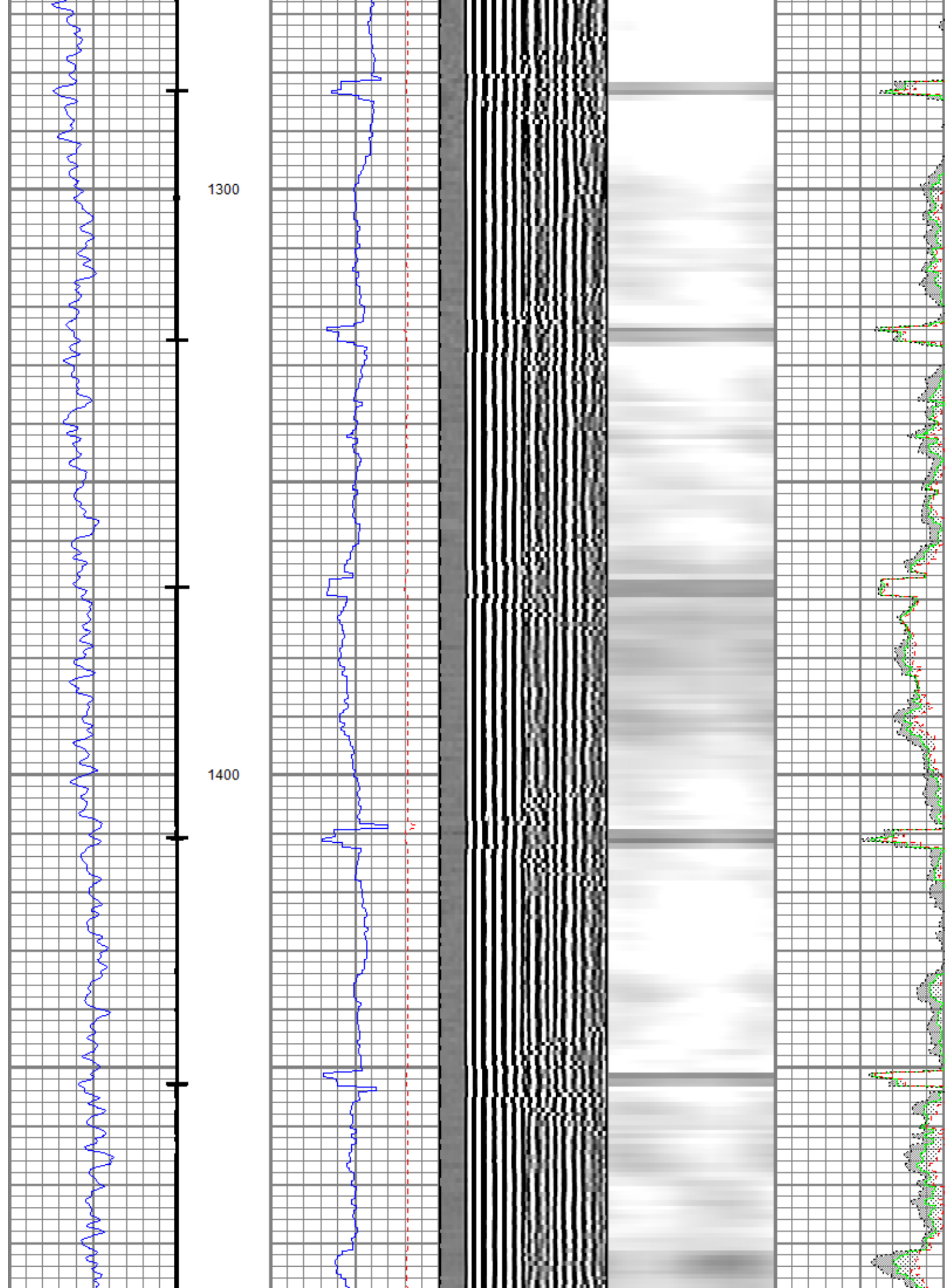


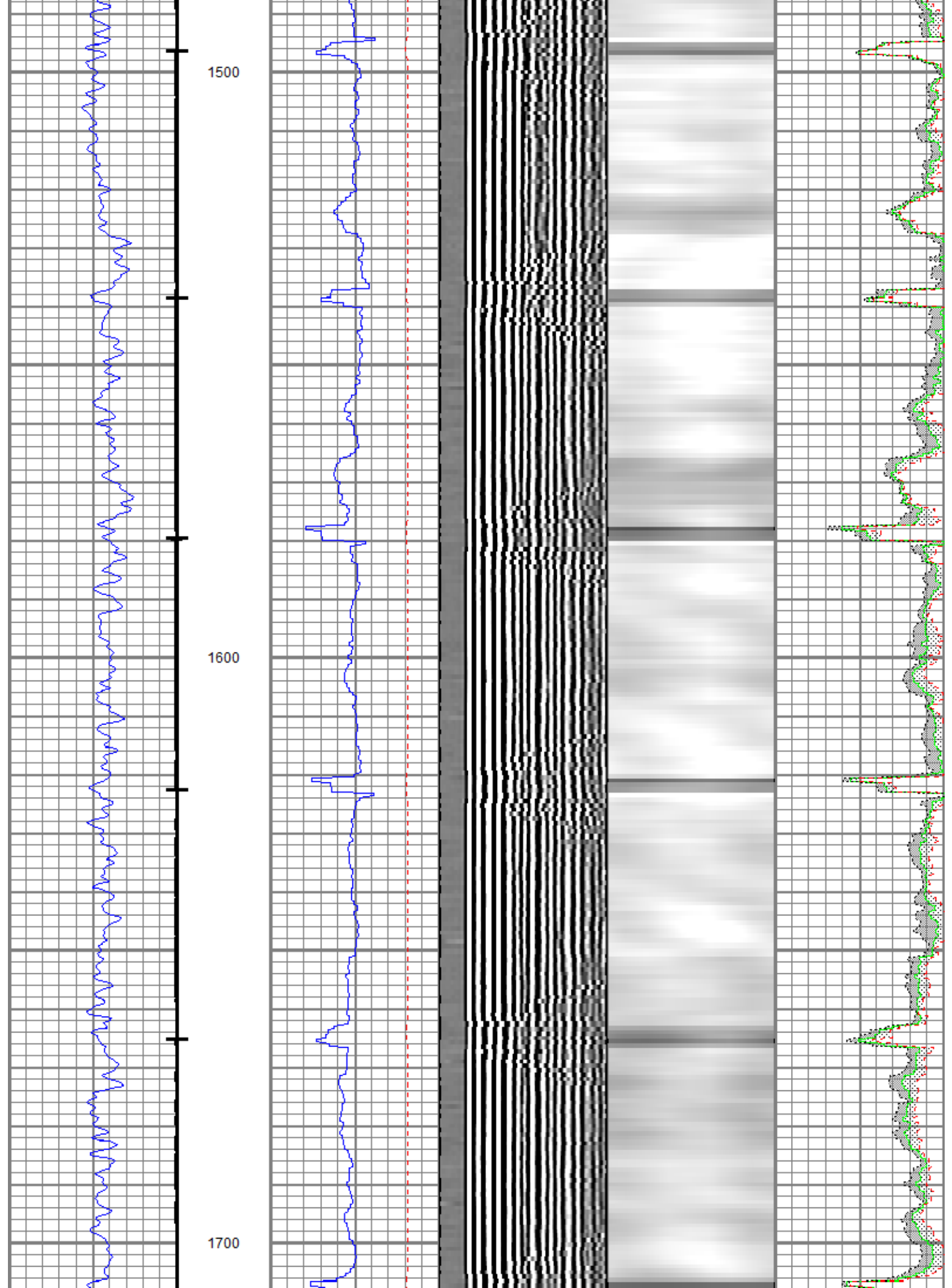


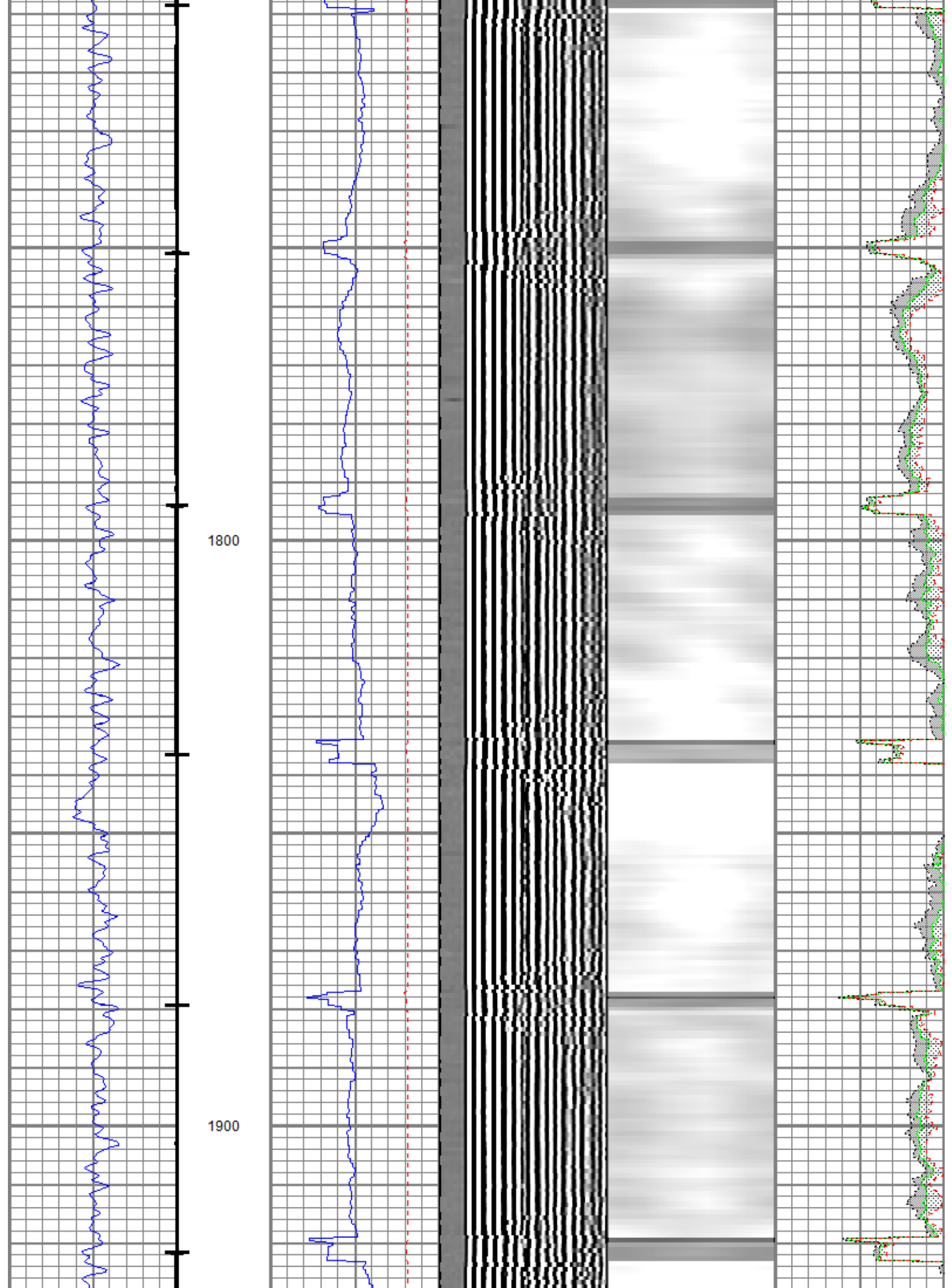


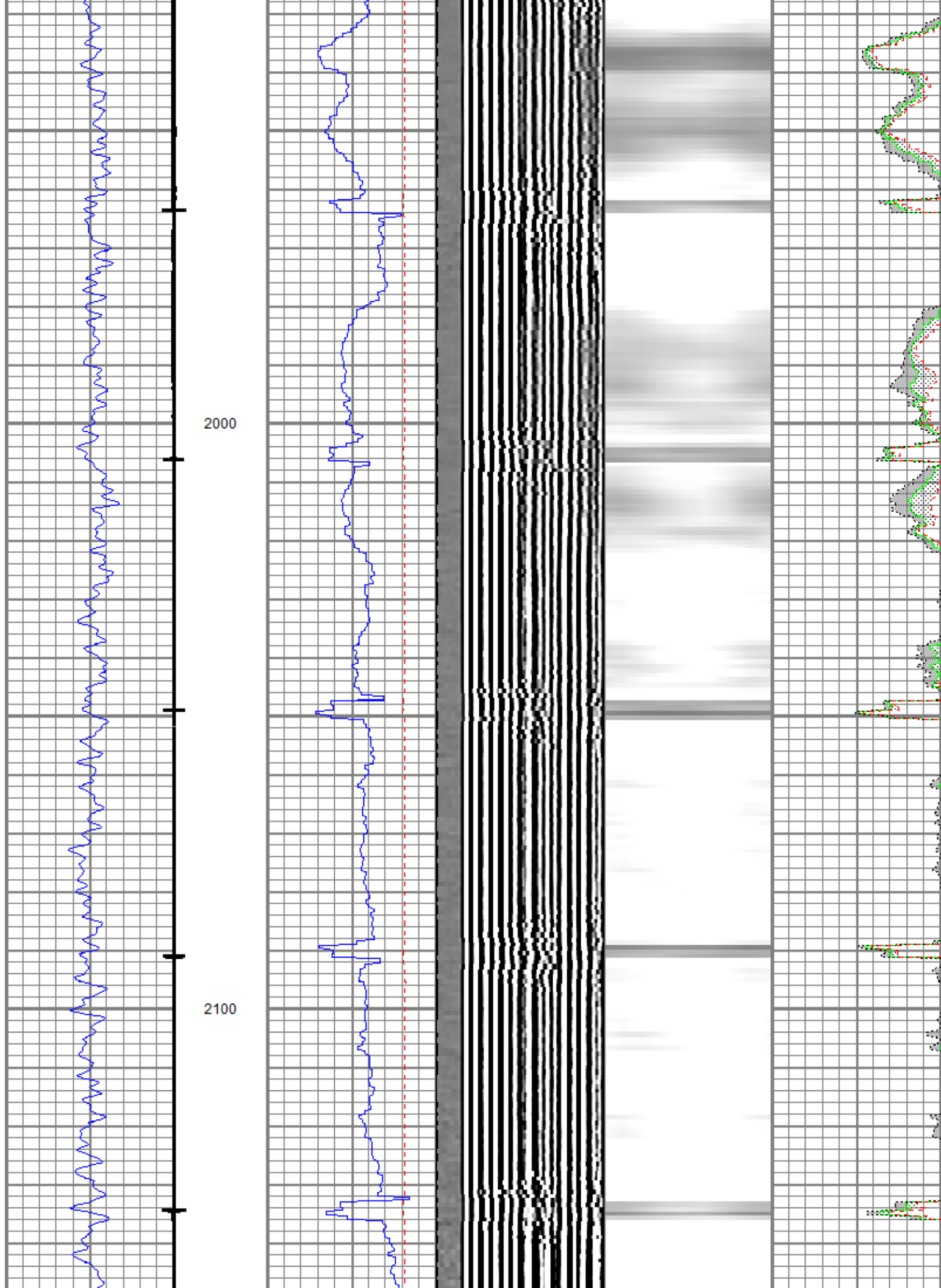


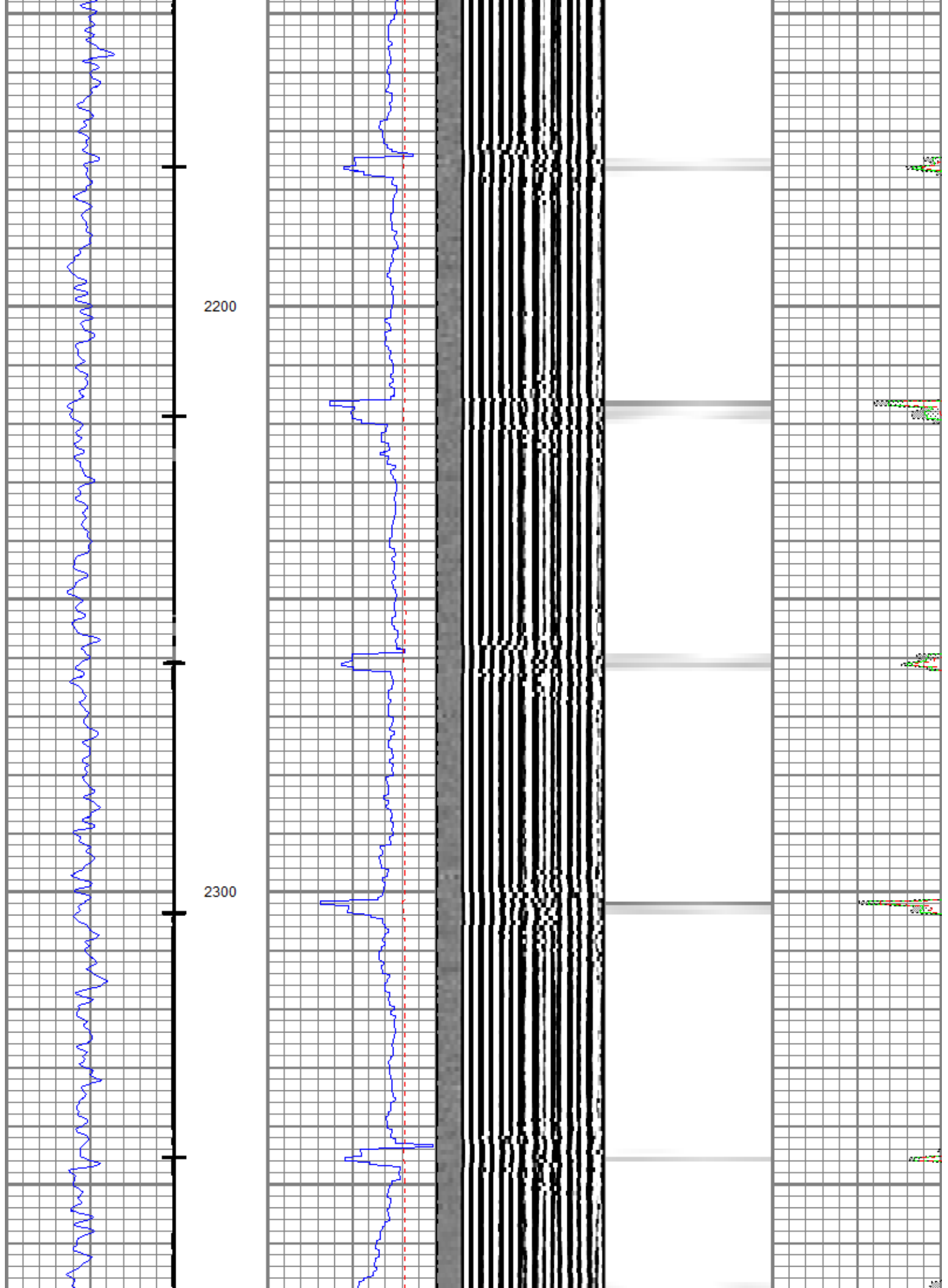




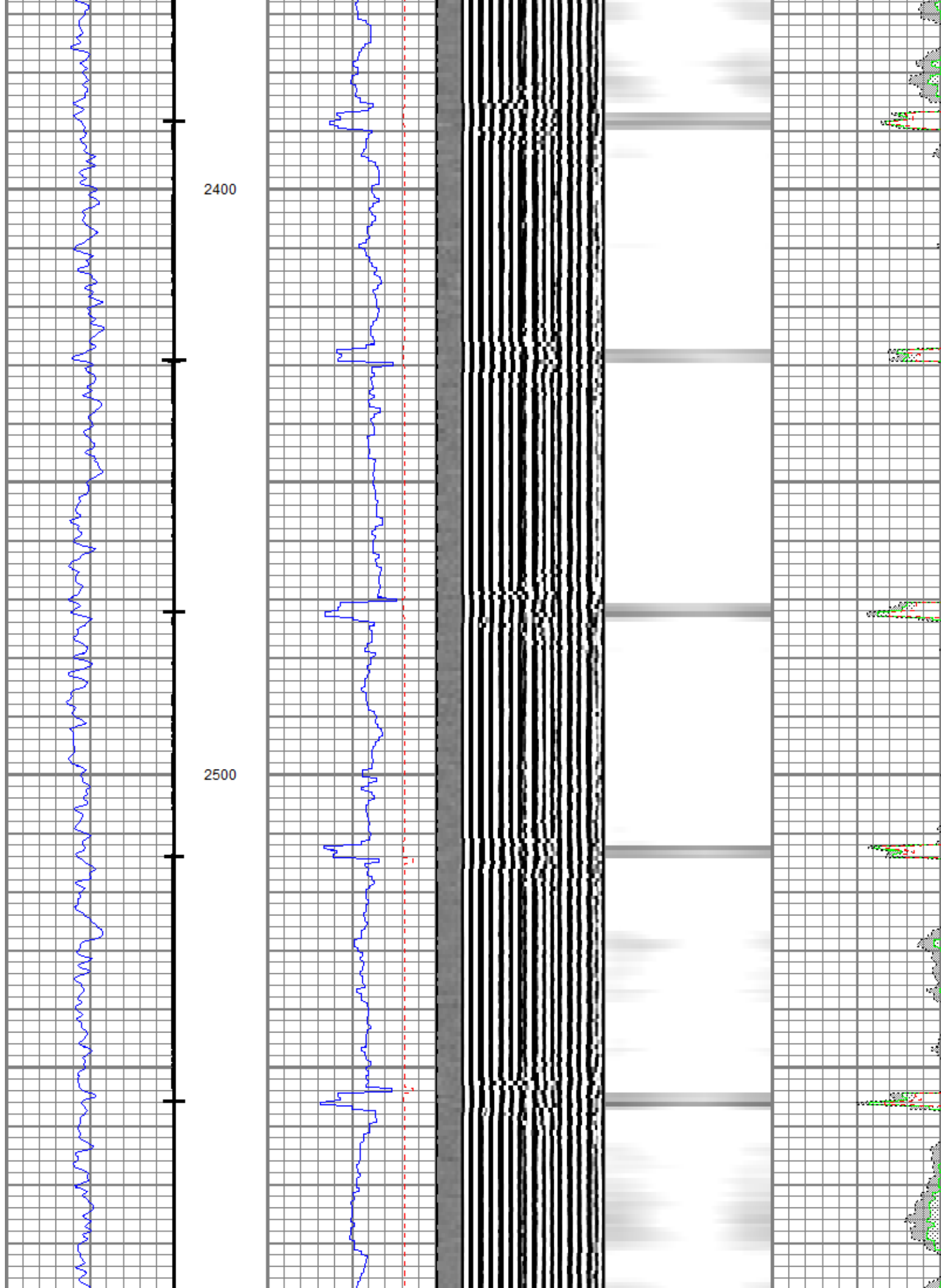


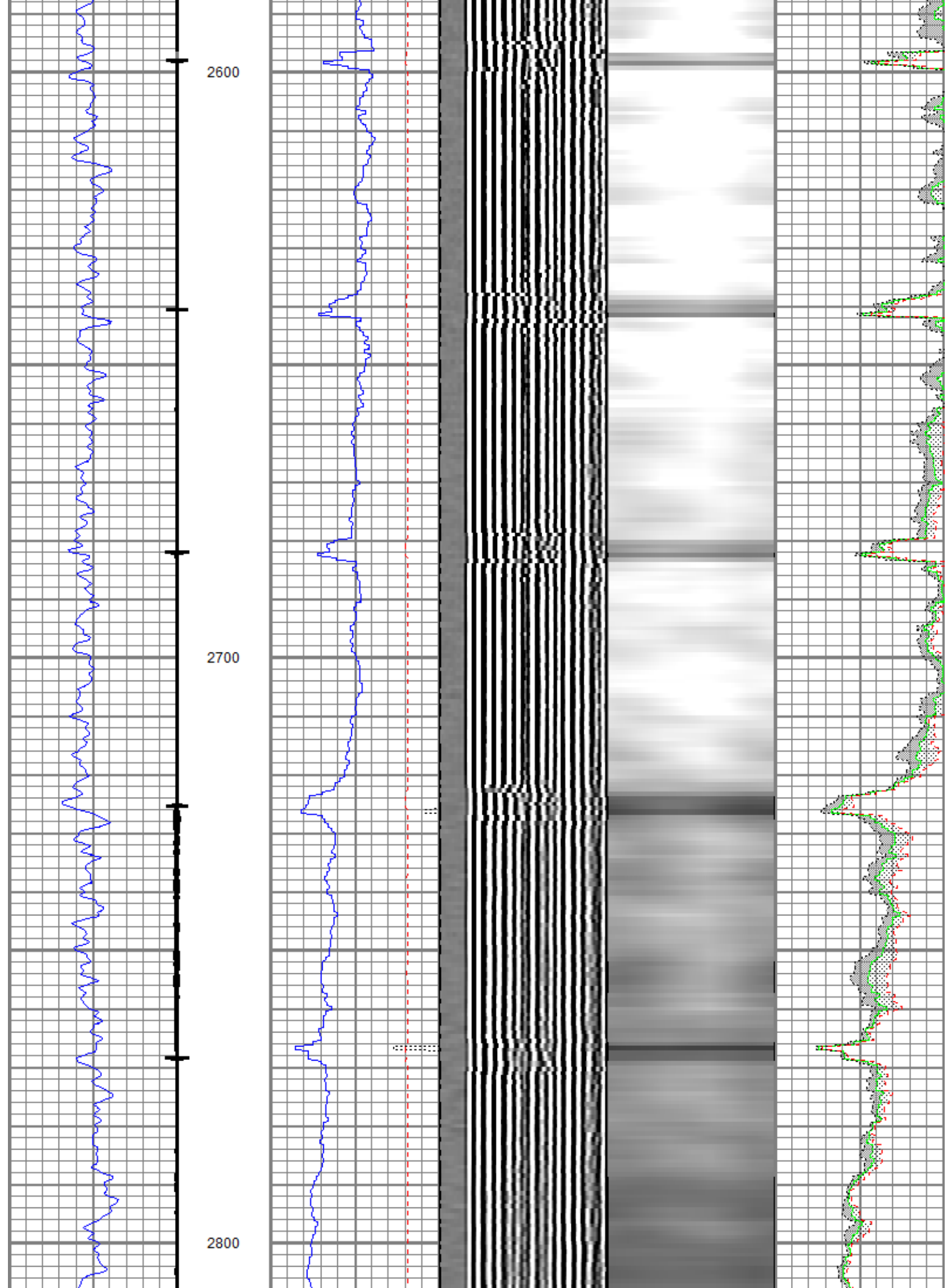


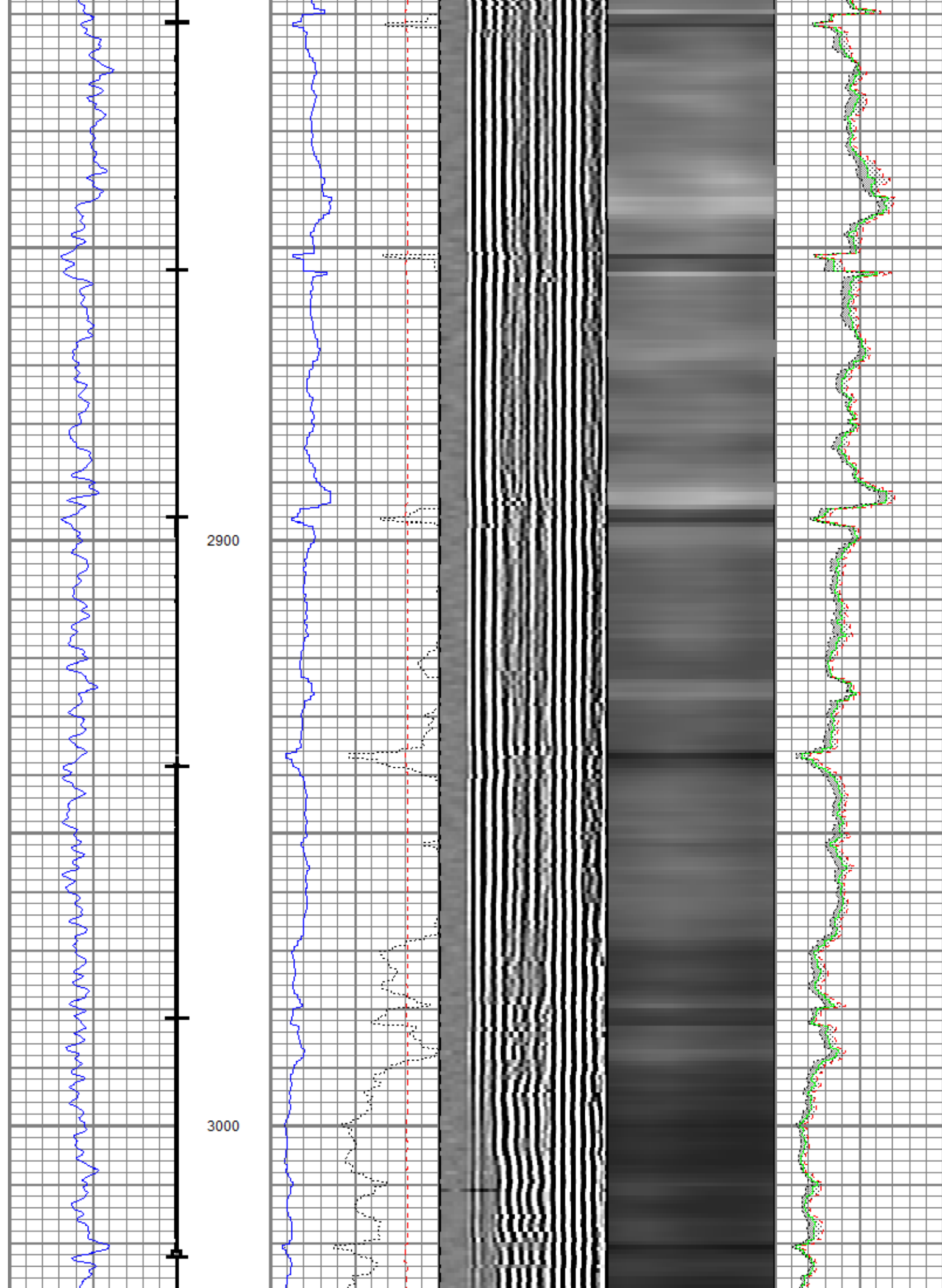


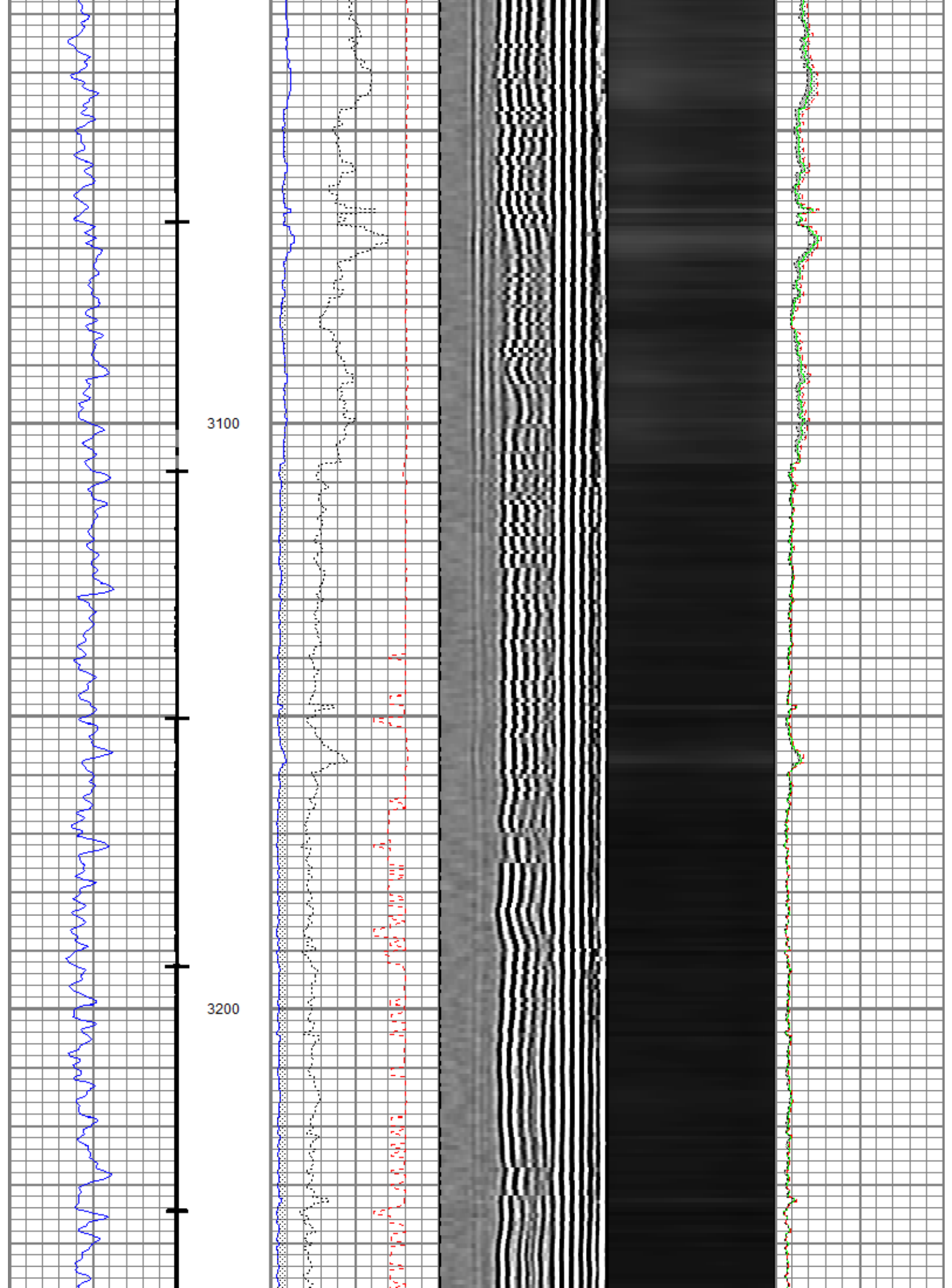


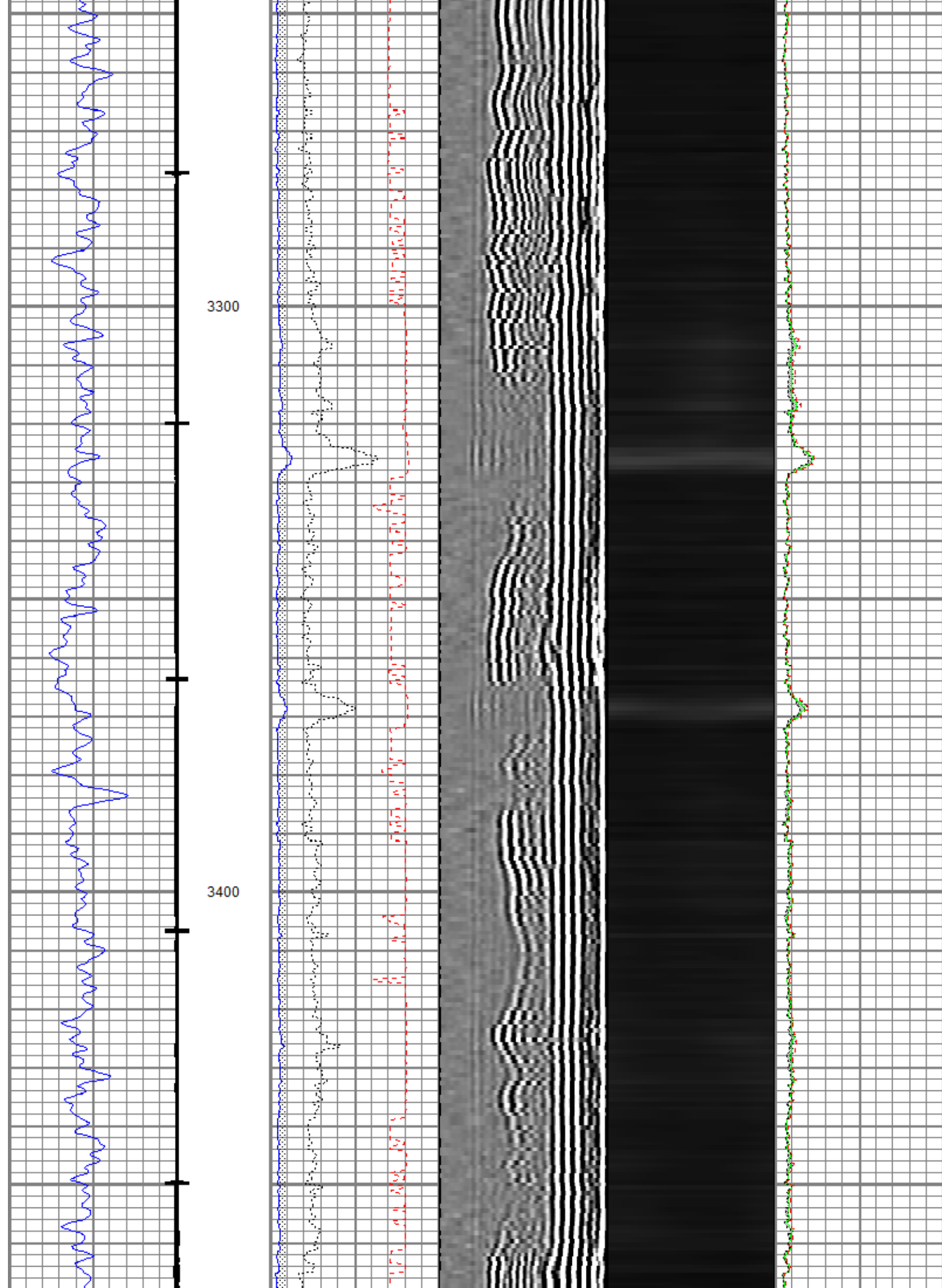




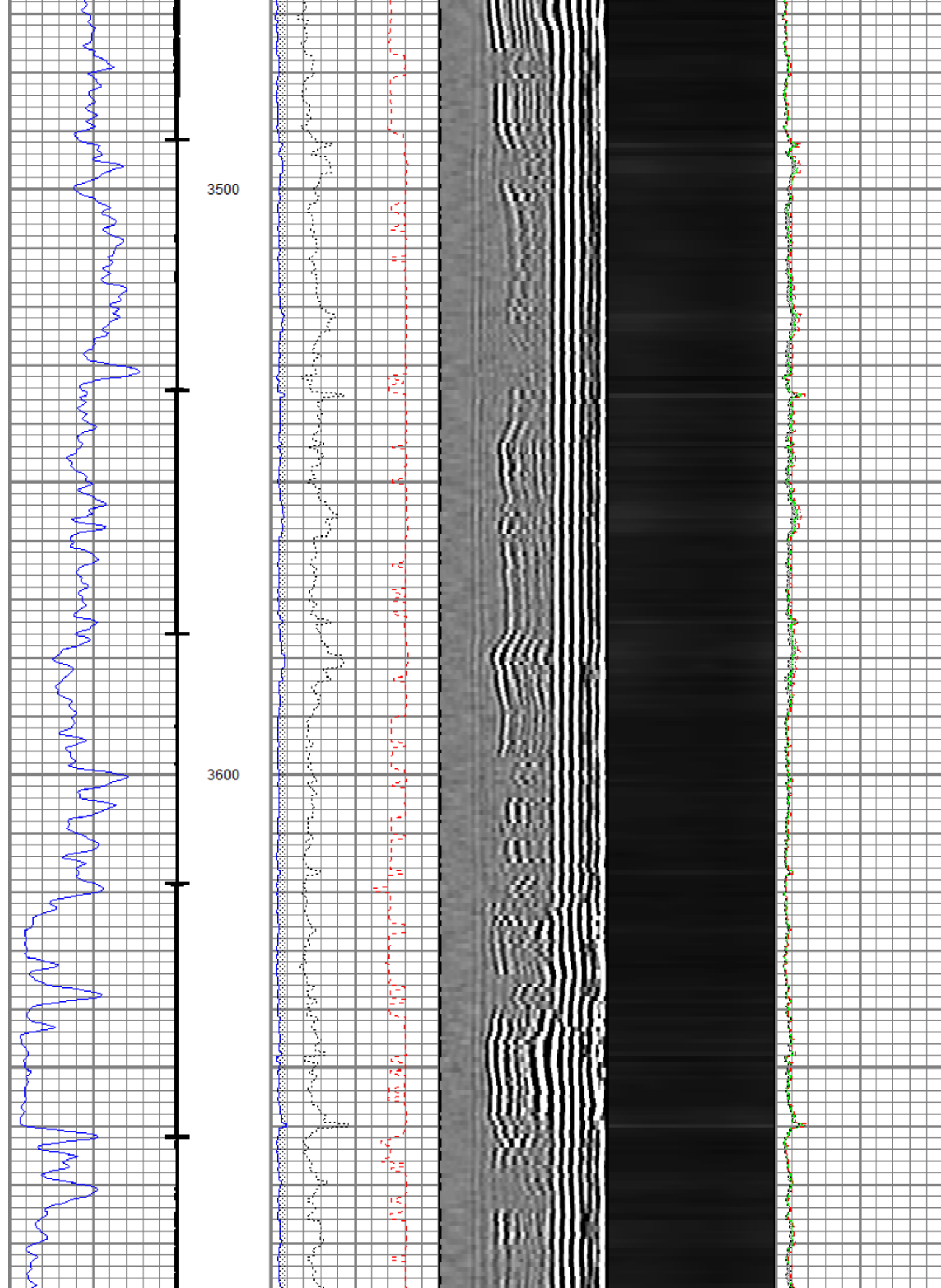


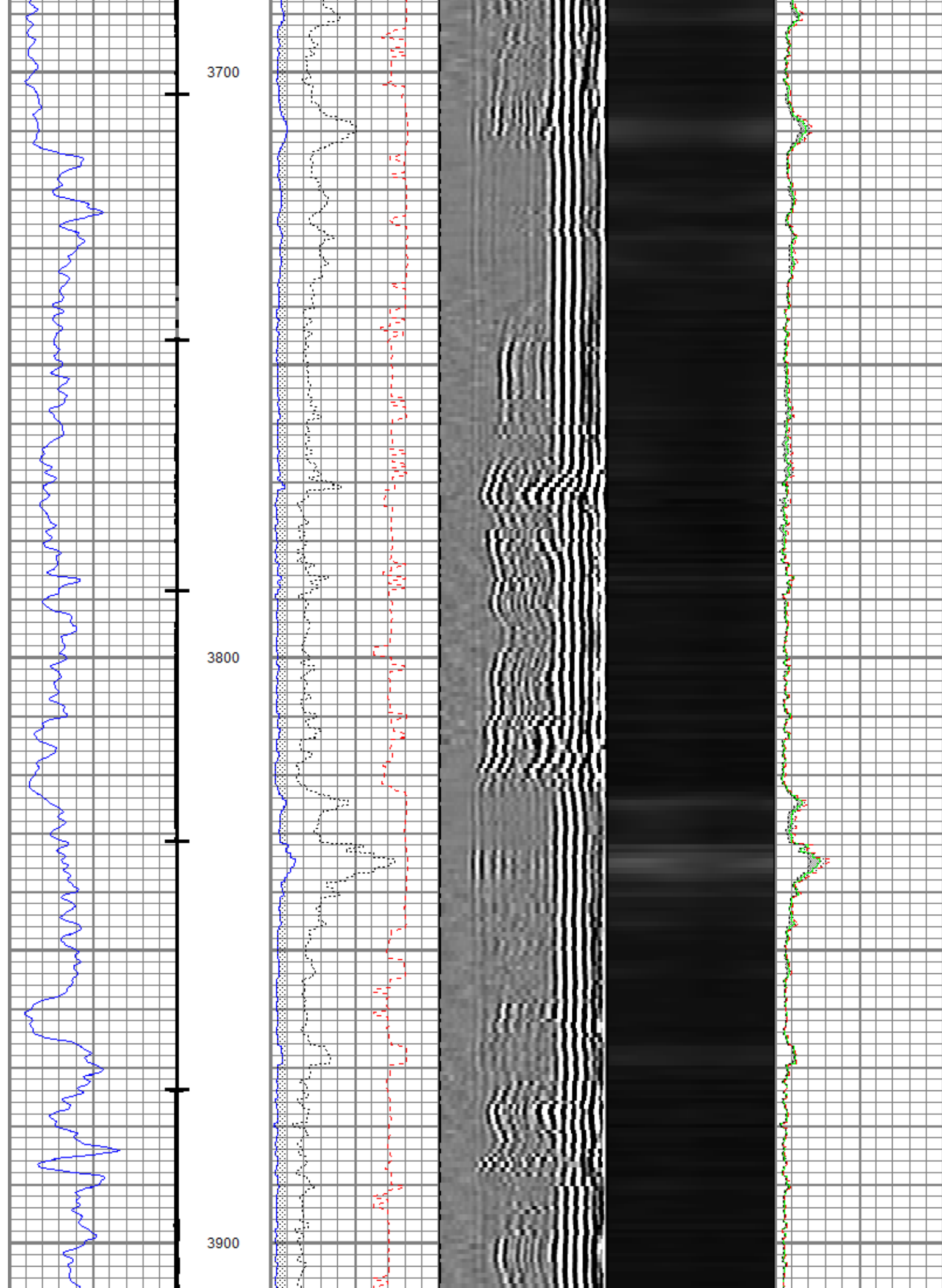


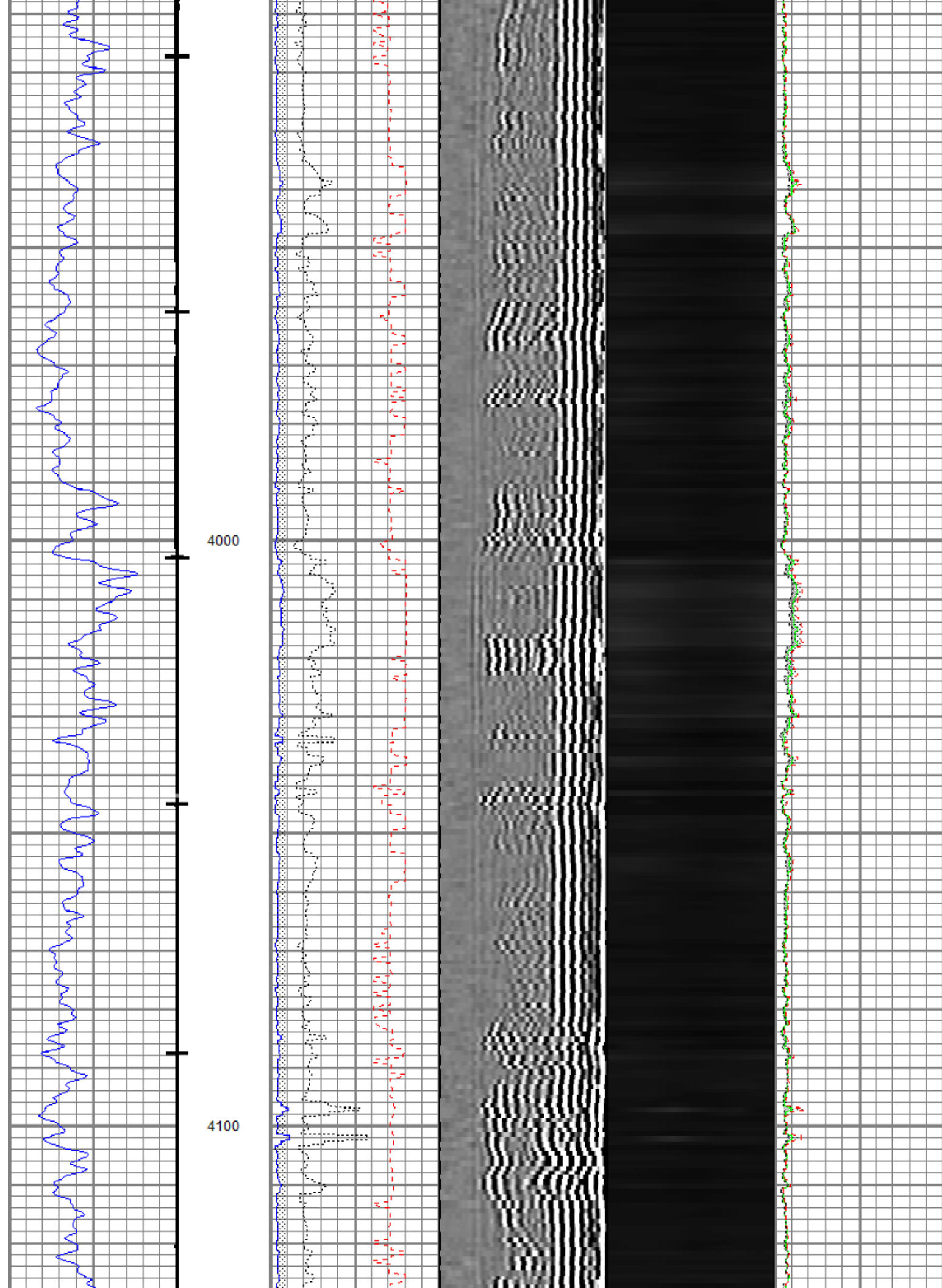


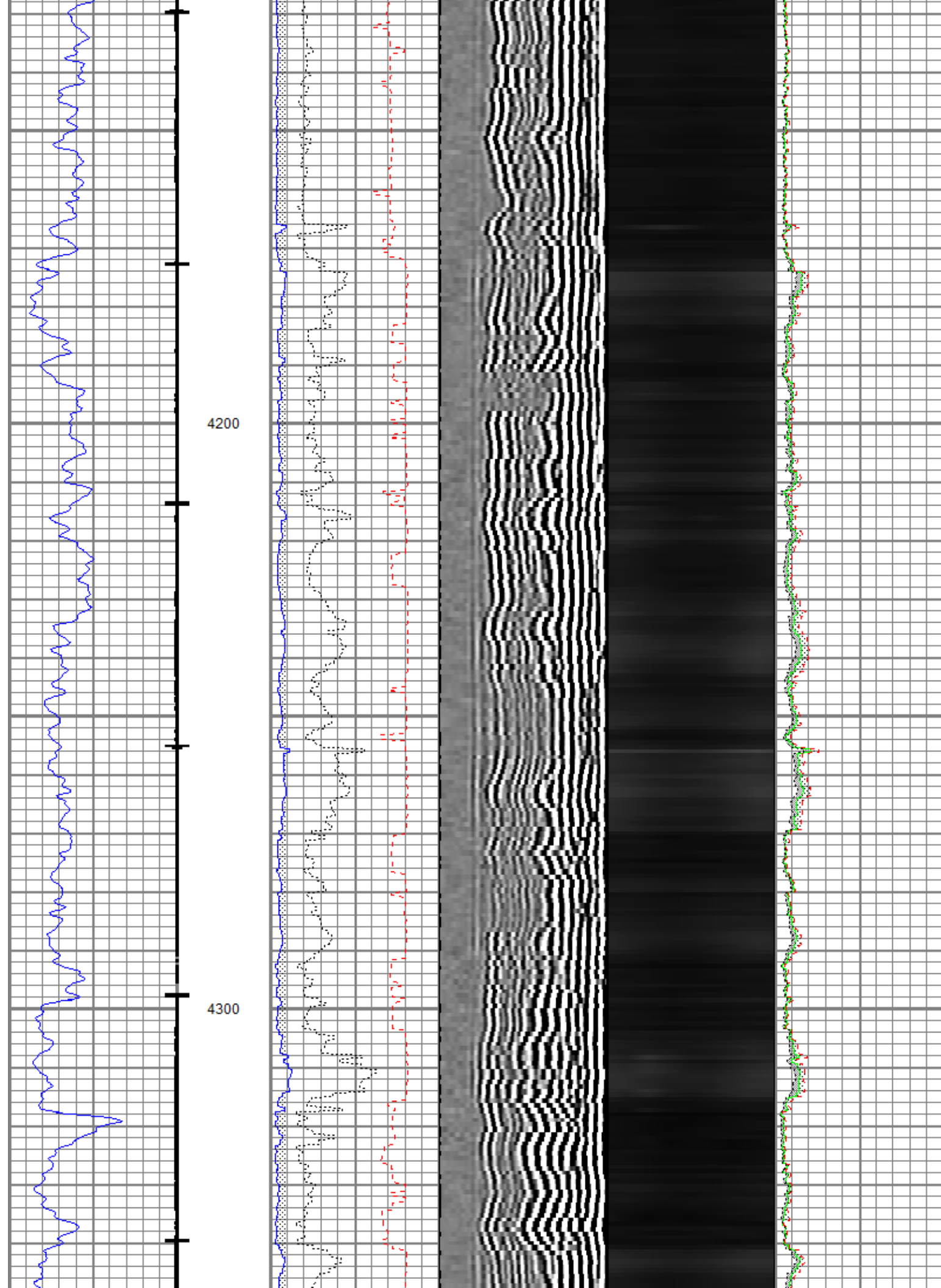


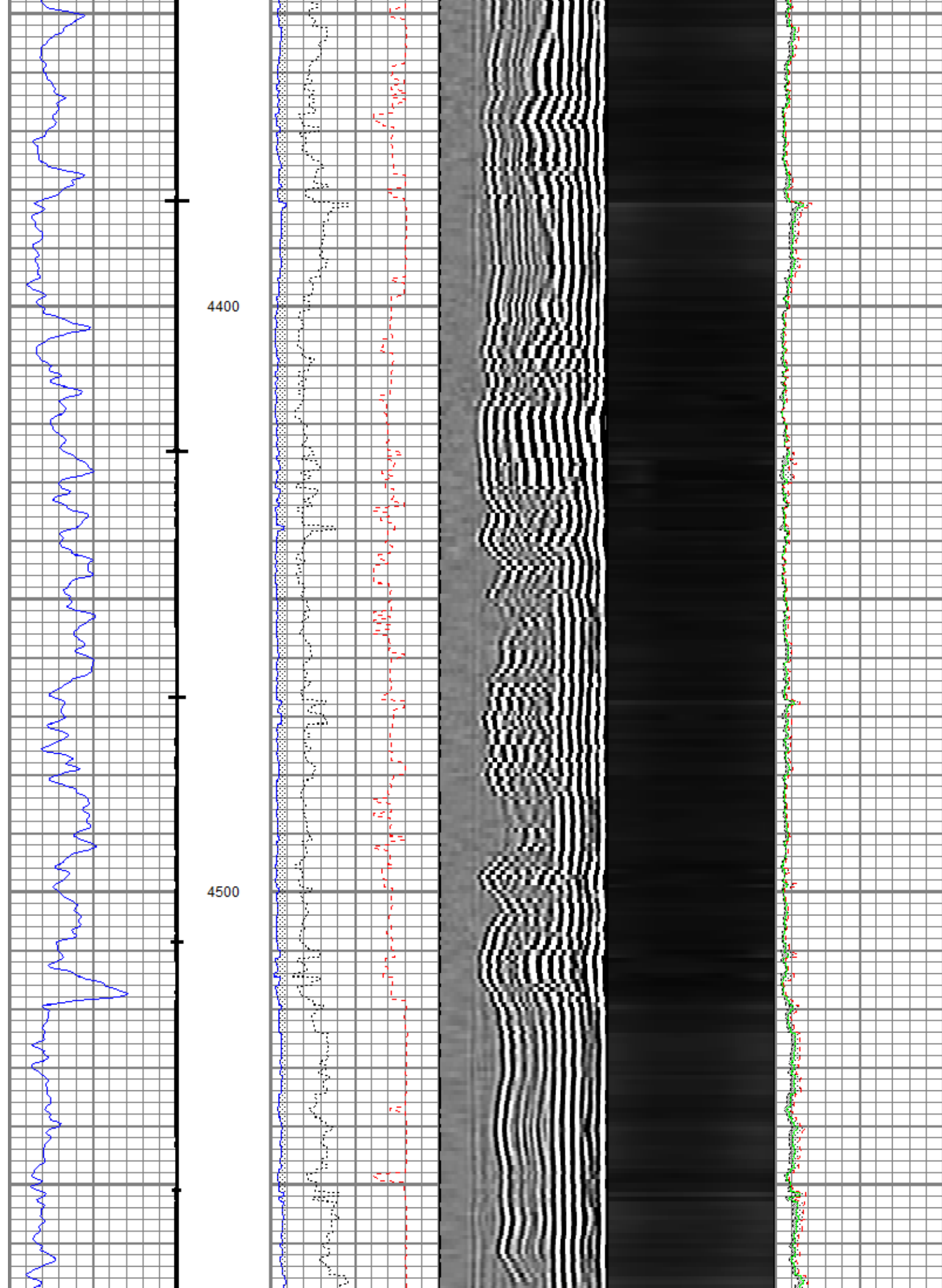




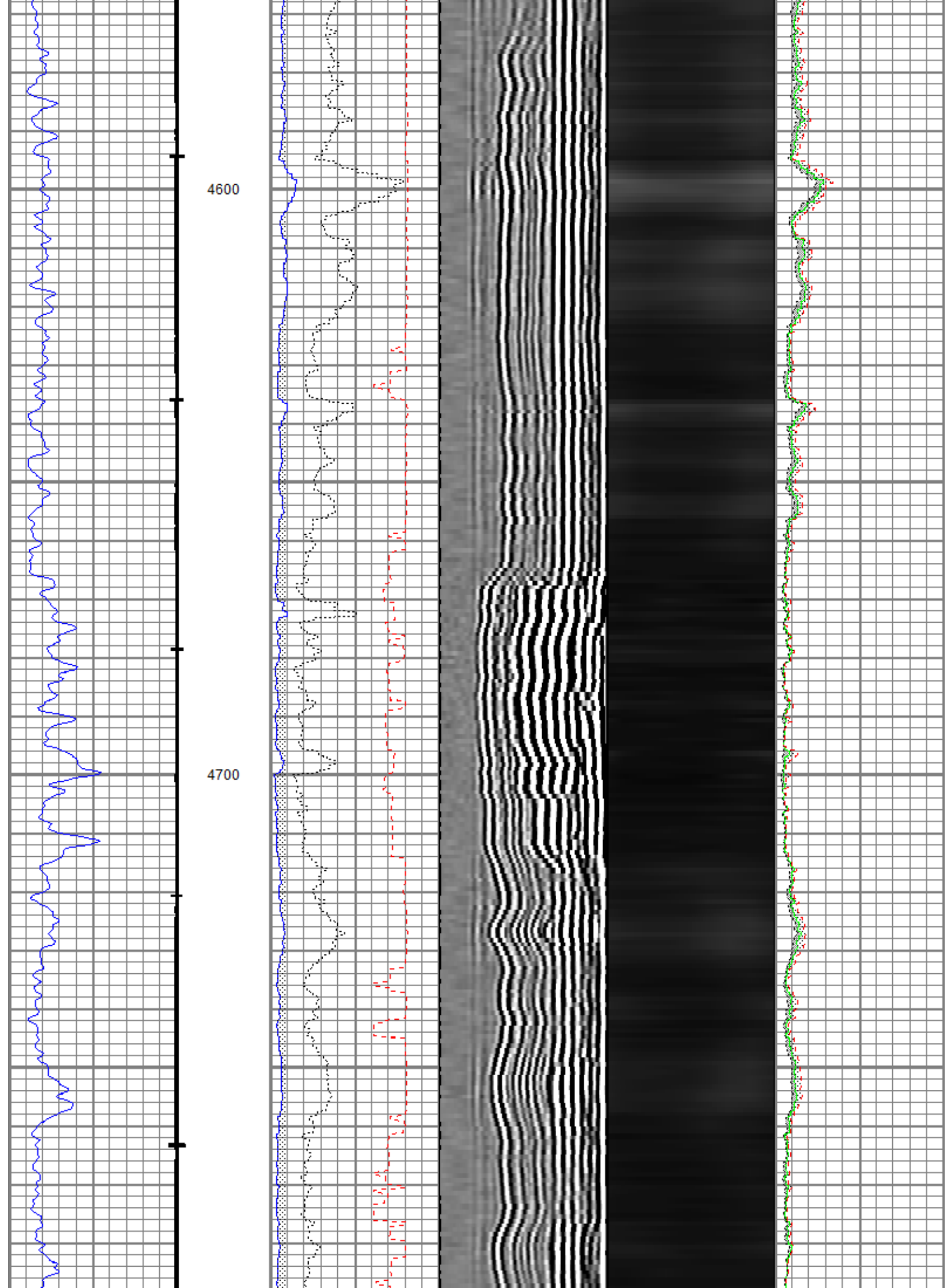


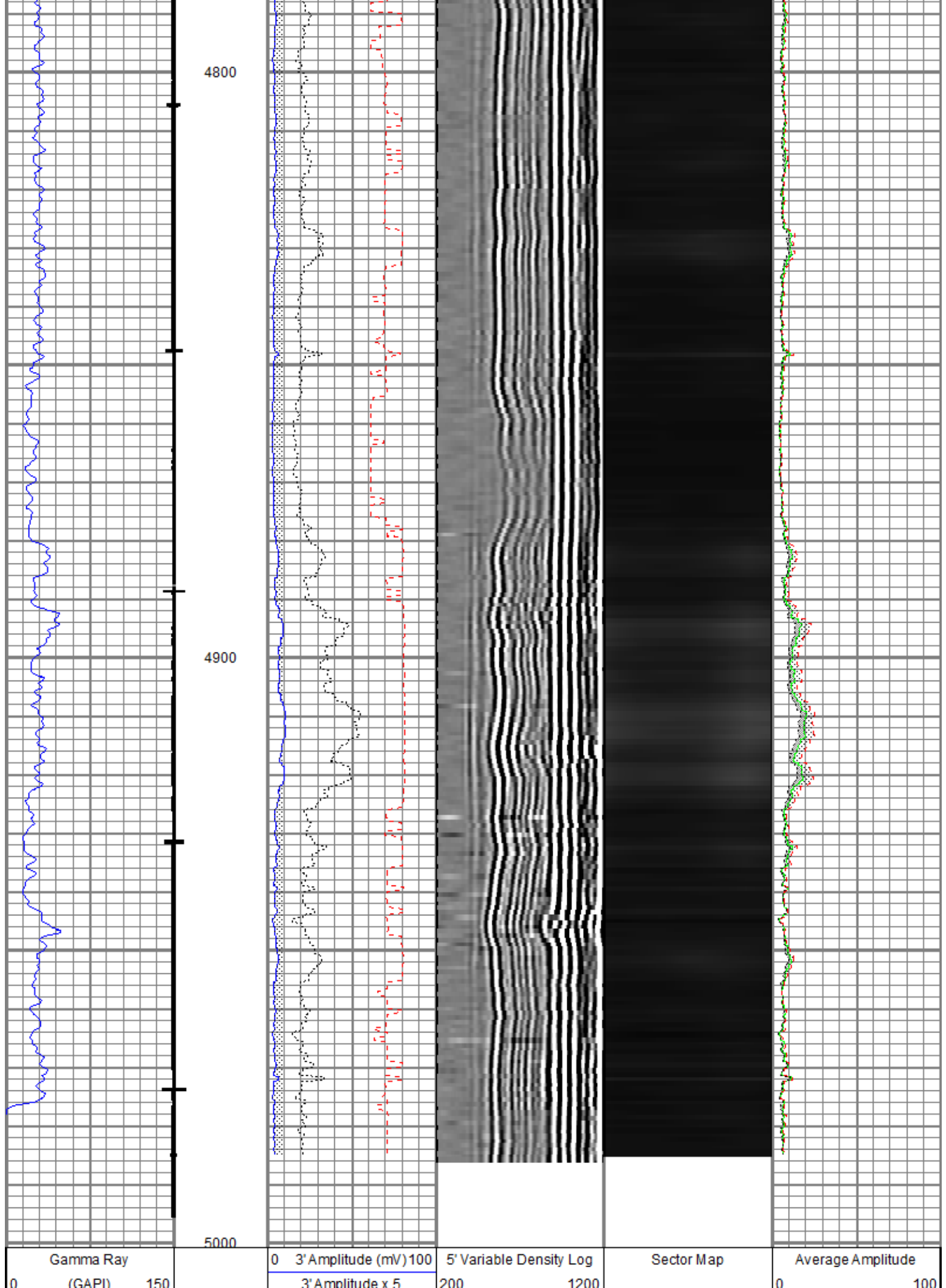













Casing Collar Locator	0	(mV)	20	Minimum Amplitude	0	100
	3' Travel Time			Maximum Amplitude	0	100
	650	(usec)	150			



# Repeat Pass

Logged under 0 (zero) PSI

Database File: greyb19x.db

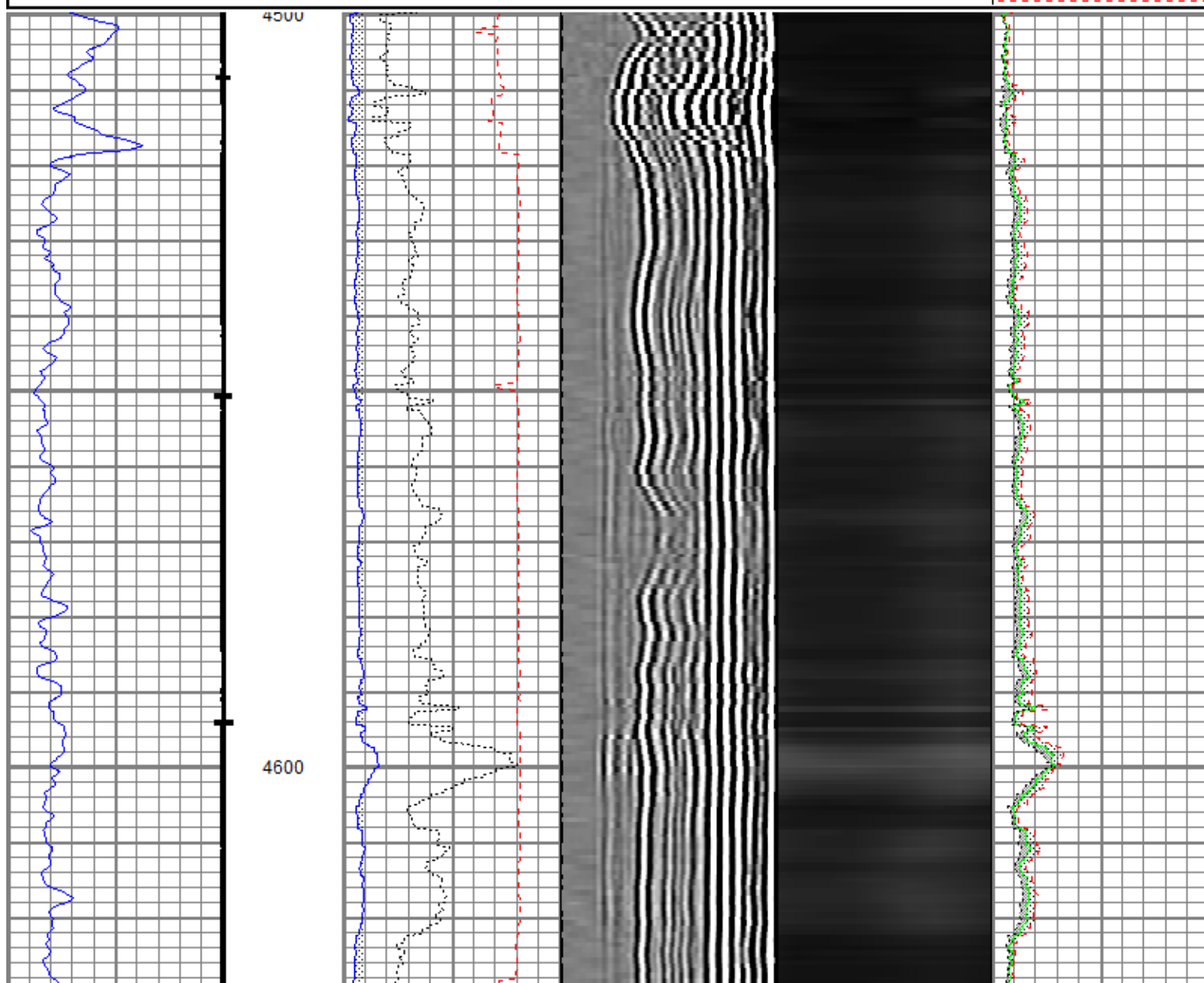
Dataset Pathname: pass4

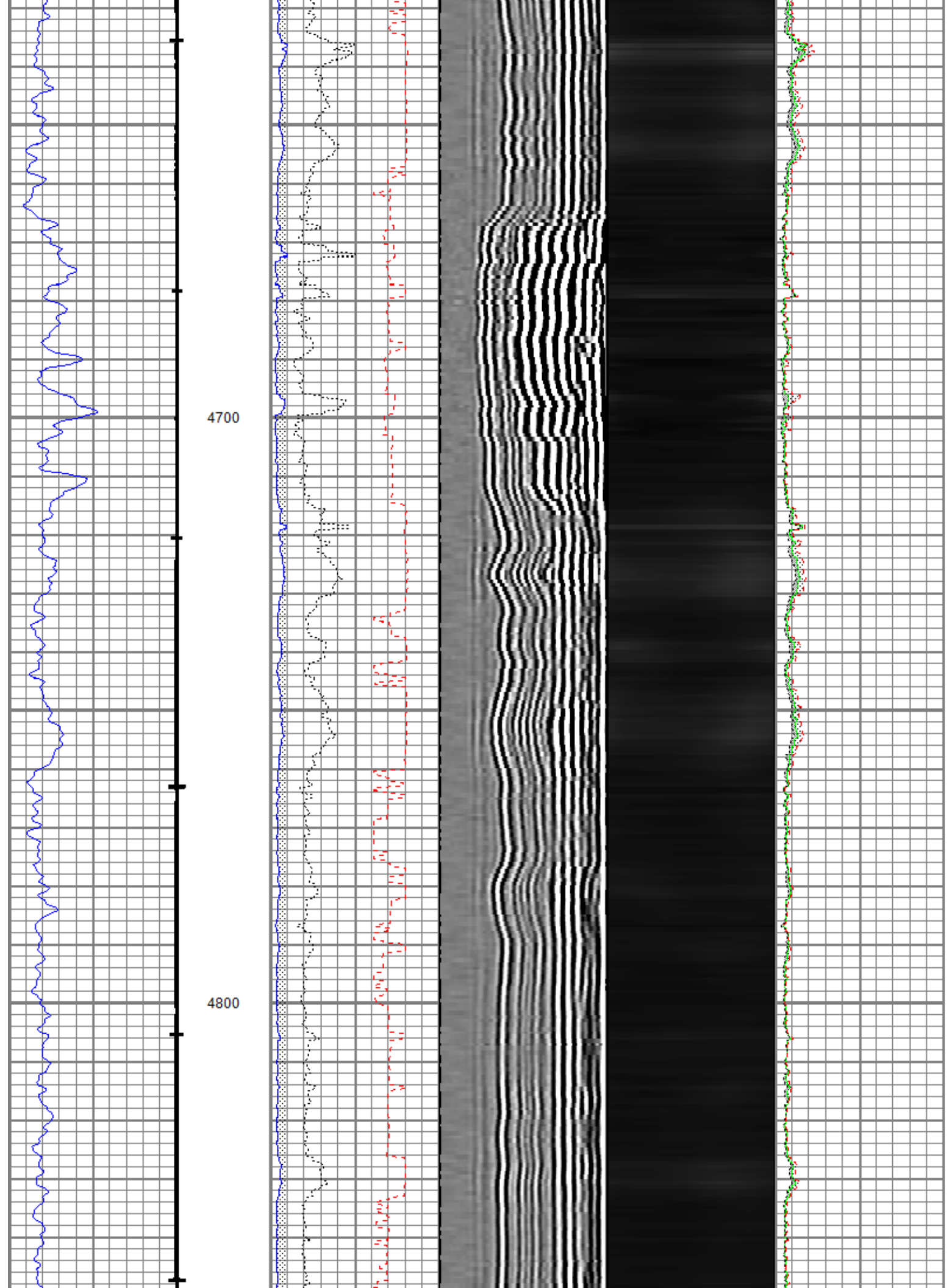
Presentation Format: rbtmitcl

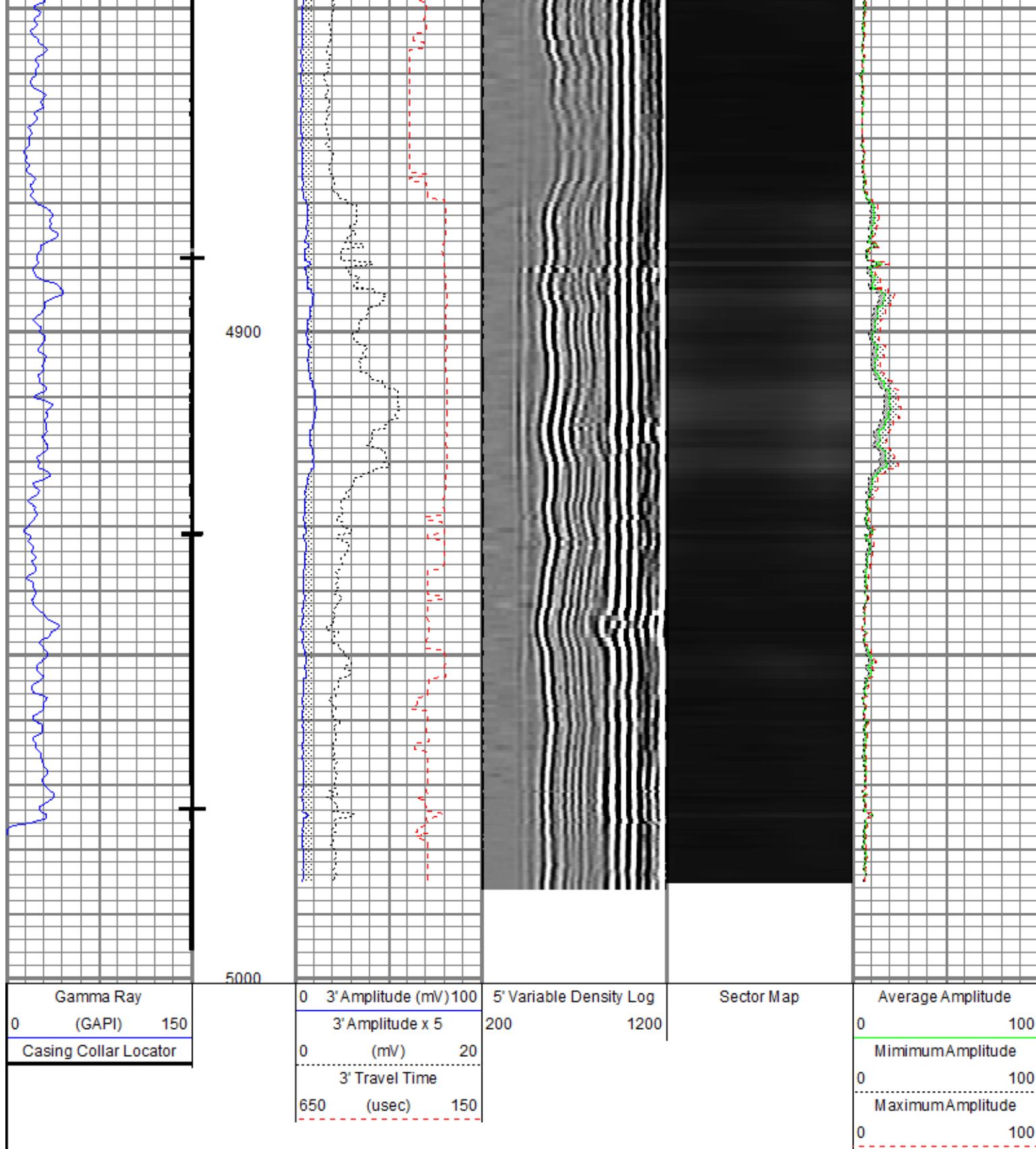
Dataset Creation: Mon Oct 06 16:26:32 2014 by Log 7.0 B1

Charted by: Depth in Feet scaled 1:240

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







### Calibration Report

Database File: greyb19x.db  
 Dataset Pathname: pass6  
 Dataset Creation: Mon Oct 06 16:46:48 2014 by Log 7.0 B1

### Multi-finger Imaging Tool Calibration Report

Serial Number: 10018255  
 Number of Fingers: 60  
 Tool Model: UW\_MIT60\_029

Inclinometer Calibration Report



Performed:  
Calibration Angle:

Wed Aug 13 14:30:27 2014  
45

Vertical:	Inc X	Inc Y
Finger 1 up:	1988	1978
Finger 46 up:	1778	2208
Finger 31 up:	1786	1720
Finger 16 up:	2139	1685
Sensitivity ratio:	0.825339	2216
X-axis angle:	230.117	2155
Deviation const.:	280.723	


## Finger Calibration Report

Performed:

Mon Oct 06 11:47:48 2014

Ring size:	5.75		6		6.25		6.5		6.75		7
(in)	Sens		Sens		Sens		Sens		Sens		
Finger 01:	1557	400.0	1657	408.0	1759	392.0	1857	404.0	1958	388.0	2055
Finger 02:	1554	412.0	1657	416.0	1761	404.0	1862	404.0	1963	396.0	2062
Finger 03:	1546	420.0	1651	428.0	1758	416.0	1862	420.0	1967	412.0	2070
Finger 04:	1560	408.0	1662	416.0	1766	400.0	1866	408.0	1968	392.0	2066
Finger 05:	1536	432.0	1644	444.0	1755	432.0	1863	432.0	1971	424.0	2077
Finger 06:	1550	424.0	1656	432.0	1764	424.0	1870	424.0	1976	416.0	2080
Finger 07:	1556	412.0	1659	420.0	1764	416.0	1868	416.0	1972	412.0	2075
Finger 08:	1560	408.0	1662	420.0	1767	412.0	1870	408.0	1972	412.0	2075
Finger 09:	1566	412.0	1669	420.0	1774	416.0	1878	416.0	1982	408.0	2084
Finger 10:	1574	396.0	1673	404.0	1774	408.0	1876	400.0	1976	400.0	2076
Finger 11:	1555	404.0	1656	412.0	1759	408.0	1861	408.0	1963	412.0	2066
Finger 12:	1557	412.0	1660	420.0	1765	420.0	1870	420.0	1975	420.0	2080
Finger 13:	1551	412.0	1654	424.0	1760	428.0	1867	428.0	1974	432.0	2082
Finger 14:	1570	396.0	1669	412.0	1772	412.0	1875	412.0	1978	420.0	2083
Finger 15:	1550	412.0	1653	420.0	1758	424.0	1864	424.0	1970	424.0	2076
Finger 16:	1552	404.0	1653	416.0	1757	420.0	1862	420.0	1967	424.0	2073
Finger 17:	1543	412.0	1646	424.0	1752	428.0	1859	432.0	1967	436.0	2076
Finger 18:	1534	416.0	1638	428.0	1745	440.0	1855	440.0	1965	448.0	2077
Finger 19:	1577	384.0	1673	392.0	1771	404.0	1872	400.0	1972	416.0	2076
Finger 20:	1506	428.0	1613	440.0	1723	456.0	1837	460.0	1952	468.0	2069
Finger 21:	1559	388.0	1656	400.0	1756	412.0	1859	420.0	1964	424.0	2070
Finger 22:	1550	384.0	1646	400.0	1746	420.0	1851	420.0	1956	432.0	2064
Finger 23:	1522	408.0	1624	416.0	1728	436.0	1837	440.0	1947	460.0	2062
Finger 24:	1526	400.0	1626	408.0	1728	432.0	1836	432.0	1944	452.0	2057
Finger 25:	1540	376.0	1634	380.0	1729	404.0	1830	400.0	1930	420.0	2035
Finger 26:	1531	392.0	1629	408.0	1731	432.0	1839	428.0	1946	448.0	2058
Finger 27:	1492	396.0	1591	408.0	1693	436.0	1802	436.0	1911	460.0	2026
Finger 28:	1516	392.0	1614	404.0	1715	428.0	1822	432.0	1930	452.0	2043
Finger 29:	1534	384.0	1630	396.0	1729	420.0	1834	416.0	1938	444.0	2049
Finger 30:	1544	372.0	1637	384.0	1733	408.0	1835	412.0	1938	428.0	2045

Finger 31:	1551	368.0	1643	384.0	1739	408.0	1841	408.0	1943	420.0	2048
Finger 32:	1512	392.0	1610	408.0	1712	432.0	1820	436.0	1929	448.0	2041
Finger 33:	1510	384.0	1606	388.0	1703	424.0	1809	420.0	1914	440.0	2024
Finger 34:	1502	396.0	1601	404.0	1702	436.0	1811	440.0	1921	452.0	2034
Finger 35:	1504	392.0	1602	404.0	1703	432.0	1811	432.0	1919	448.0	2031
Finger 36:	1519	376.0	1613	388.0	1710	412.0	1813	416.0	1917	432.0	2025
Finger 37:	1522	380.0	1617	388.0	1714	416.0	1818	412.0	1921	424.0	2027
Finger 38:	1505	392.0	1603	400.0	1703	424.0	1809	428.0	1916	440.0	2026
Finger 39:	1506	384.0	1602	392.0	1700	416.0	1804	420.0	1909	432.0	2017
Finger 40:	1503	392.0	1601	404.0	1702	424.0	1808	428.0	1915	436.0	2024
Finger 41:	1490	400.0	1590	400.0	1690	420.0	1795	420.0	1900	432.0	2008
Finger 42:	1515	384.0	1611	392.0	1709	408.0	1811	416.0	1915	416.0	2019
Finger 43:	1565	368.0	1657	376.0	1751	384.0	1847	388.0	1944	388.0	2041
Finger 44:	1528	380.0	1623	384.0	1719	400.0	1819	404.0	1920	400.0	2020
Finger 45:	1522	384.0	1618	388.0	1715	400.0	1815	404.0	1916	404.0	2017
Finger 46:	1493	396.0	1592	408.0	1694	416.0	1798	424.0	1904	424.0	2010
Finger 47:	1505	400.0	1605	408.0	1707	412.0	1810	420.0	1915	420.0	2020
Finger 48:	1519	396.0	1618	400.0	1718	404.0	1819	412.0	1922	412.0	2025
Finger 49:	1522	404.0	1623	408.0	1725	412.0	1828	420.0	1933	416.0	2037
Finger 50:	1541	384.0	1637	392.0	1735	396.0	1834	396.0	1933	392.0	2031
Finger 51:	1530	400.0	1630	408.0	1732	404.0	1833	412.0	1936	404.0	2037
Finger 52:	1514	416.0	1618	416.0	1722	412.0	1825	424.0	1931	408.0	2033
Finger 53:	1532	408.0	1634	416.0	1738	408.0	1840	408.0	1942	404.0	2043
Finger 54:	1542	396.0	1644	404.0	1742	392.0	1840	400.0	1940	392.0	2039

	Company	Chevron USA Inc.	
	Well	Gray B-19X	
	Field	Rangely Weber Sand Unit	
	County	Rio Blanco	
	State	Colorado	Country USA