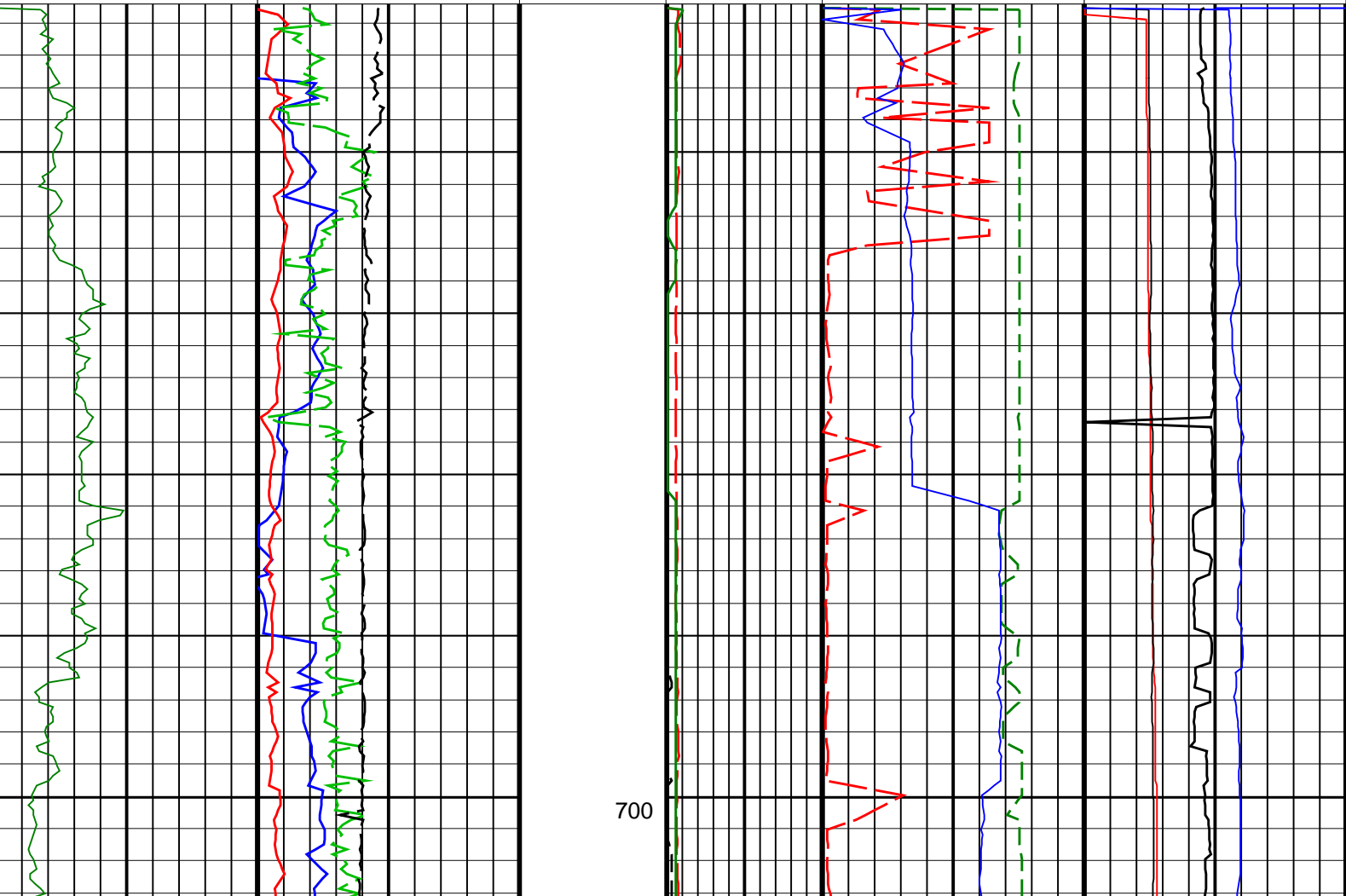
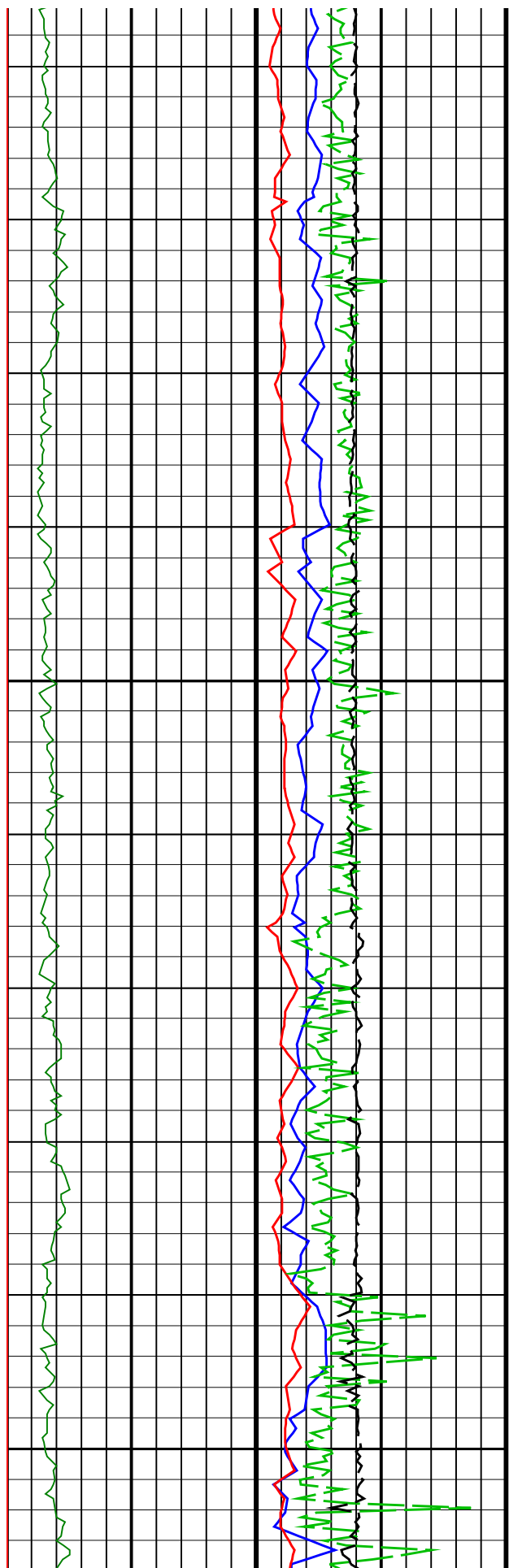


Drilling Mechanics Depth Log

IDEAL Version: ID10_0C_04 <TVD> Vertical Scale: 1:200 Graphics File Created: 20-Jul-2005 07:13

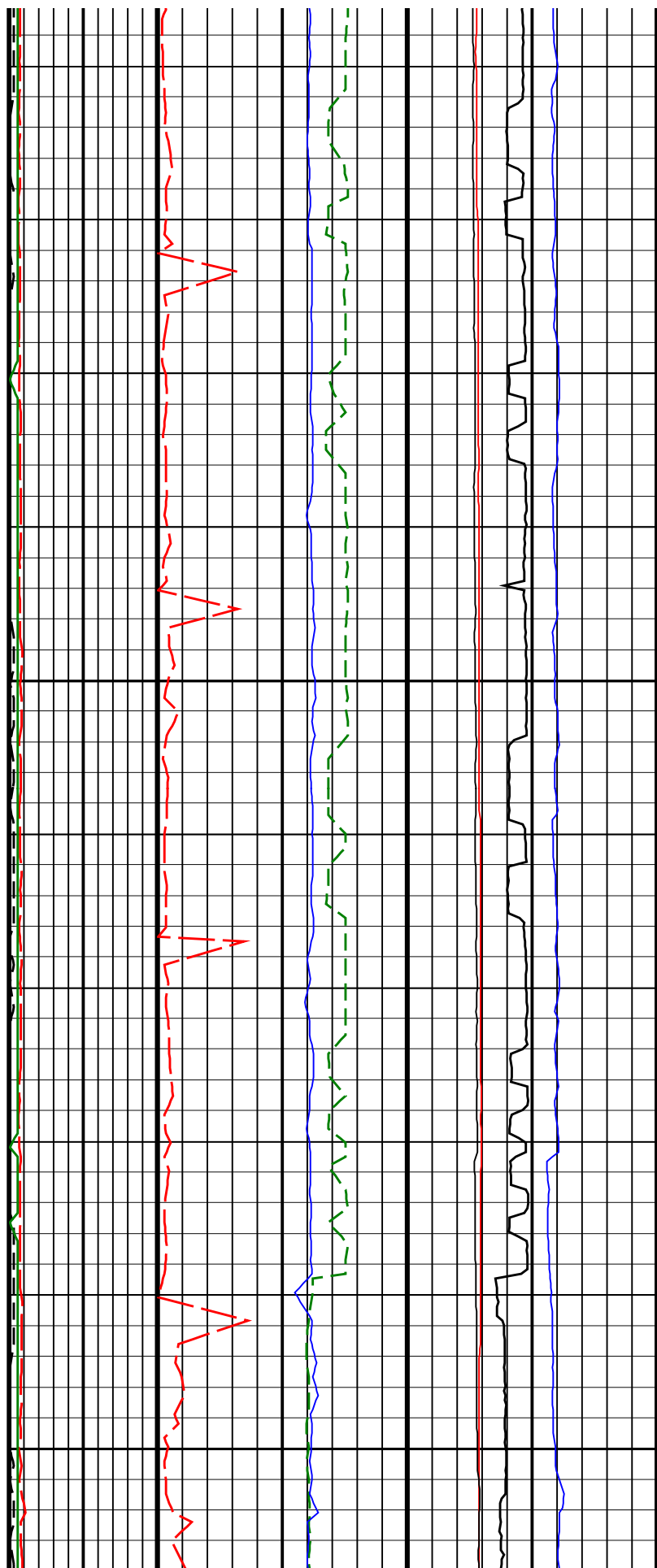
MWD Shock Risk (SHKRSK_RT) 0 (----) 5	HKLD (HKLD) (KLBF) 300	PUMPPRS (SPPA) (PSI) 5000
MWD Shock Peak (SHKPK_RT) (G) 100	SWOB (SWOB) (KLBF) 60	MWD Lateral Vib (VIBLAT_RT) (G) 5
ARC Gamma Ray, Real-Time (ARC_GR_RT) (GAPI) 200	DTOR (DTOR_RT) (KFLB) 20	MWD Collar RPM (CRPM_RT) (RPM) 300
ARC Shock Level, Real-Time (SHK2_RT) (----) 5	DWOB (DWOB_RT) (KLBF) 60	ARC Equivalent Circulating density (ECD_ ARC_RT) (LB/G) 15
		MWD Torsional Vib (VIBTOR_RT) (G) 5000
		TUR_RPM (TRPM_RT) (RPM) 5000
		ARC Annulus Pressure (APRS_RT) (PSI) 5000
		MWD Vib X-Axis (VIBX_RT) (G) 5
		PKPK_RPM (Stick_RT) (RPM) 600
		ARC Annulus Temperature (ATMP_RT) (DEGC) 200

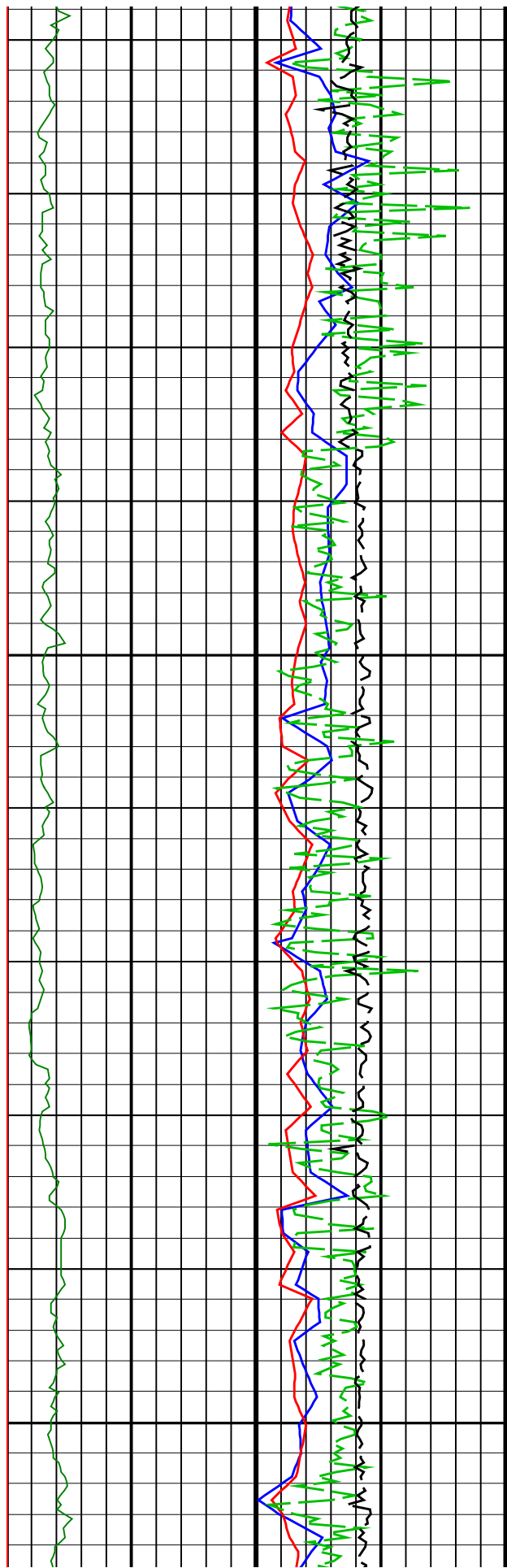




725

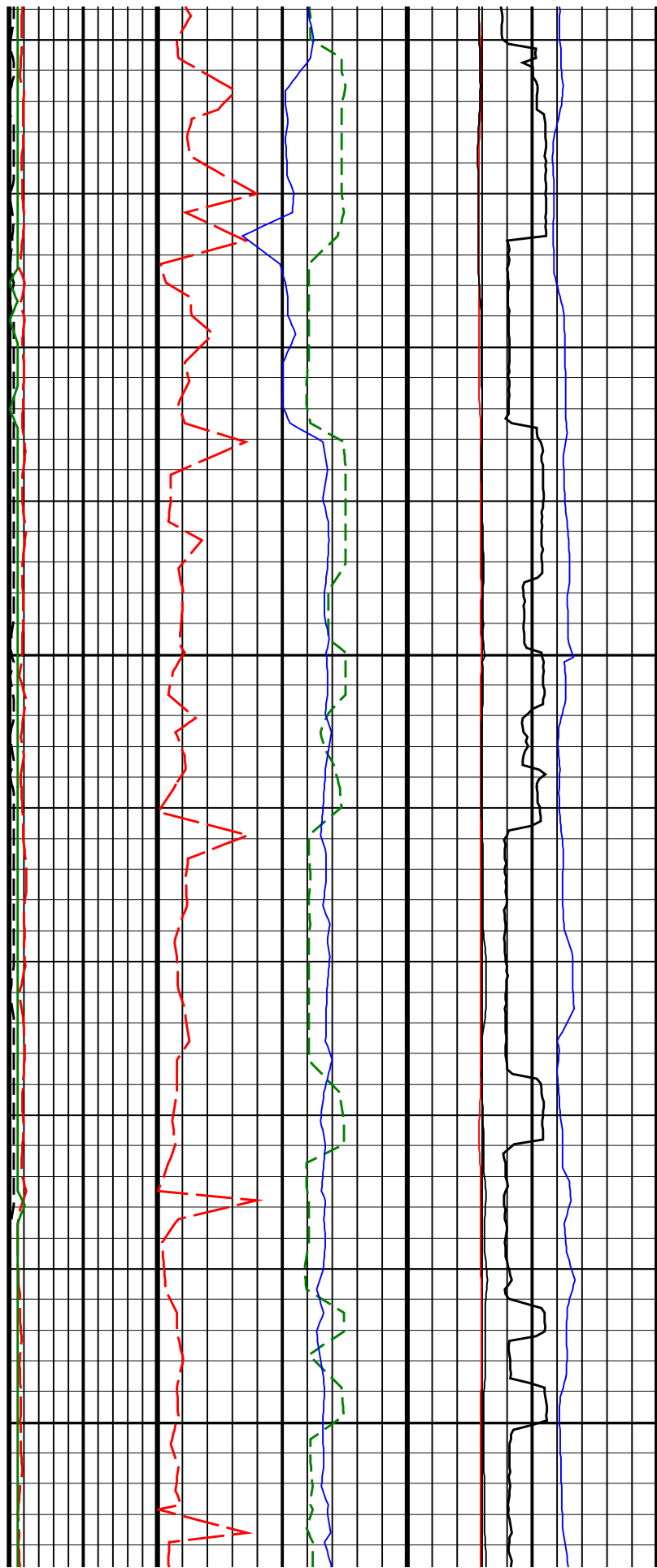
750

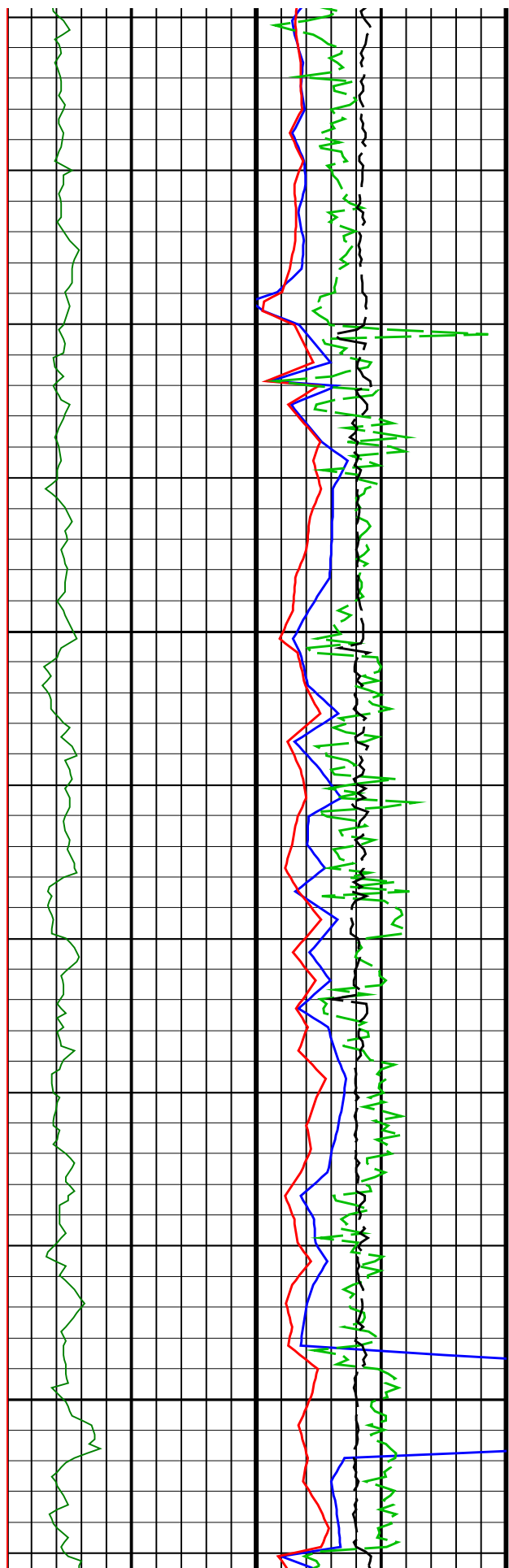




775

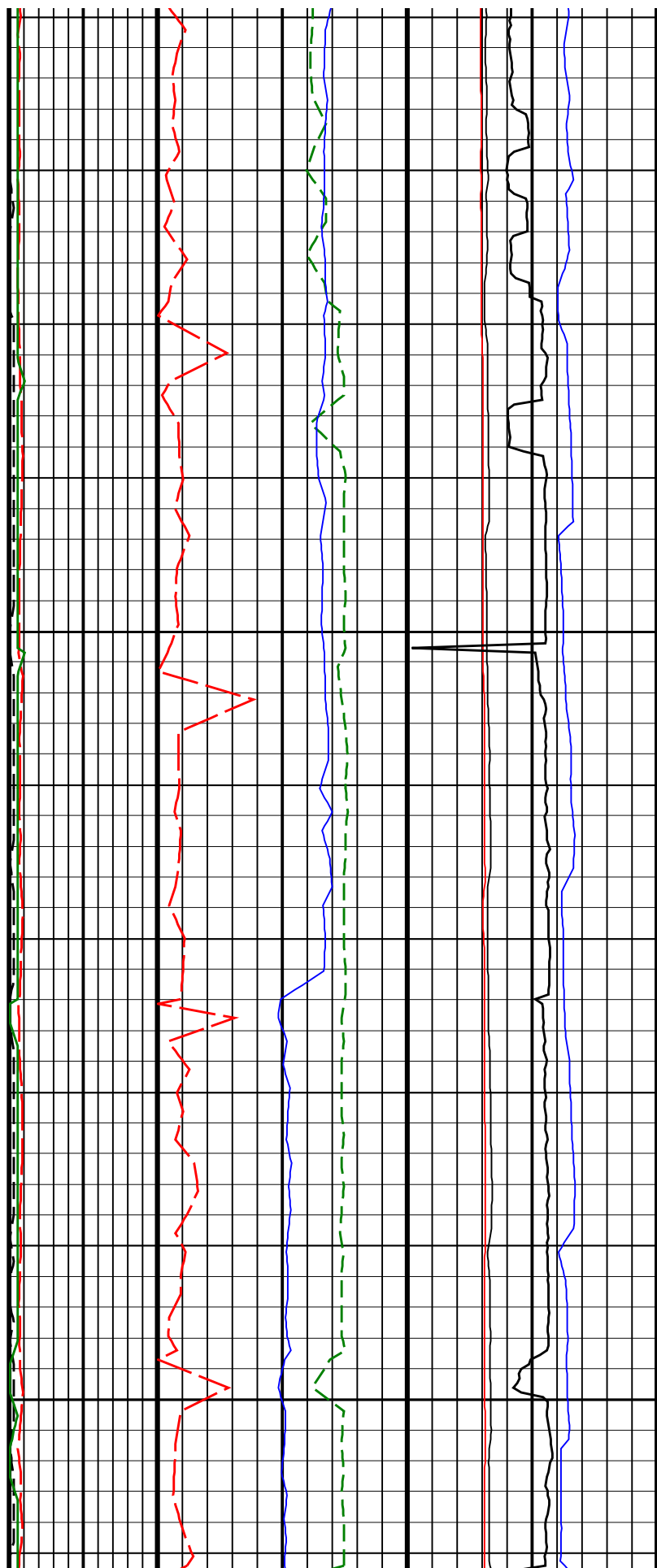
800

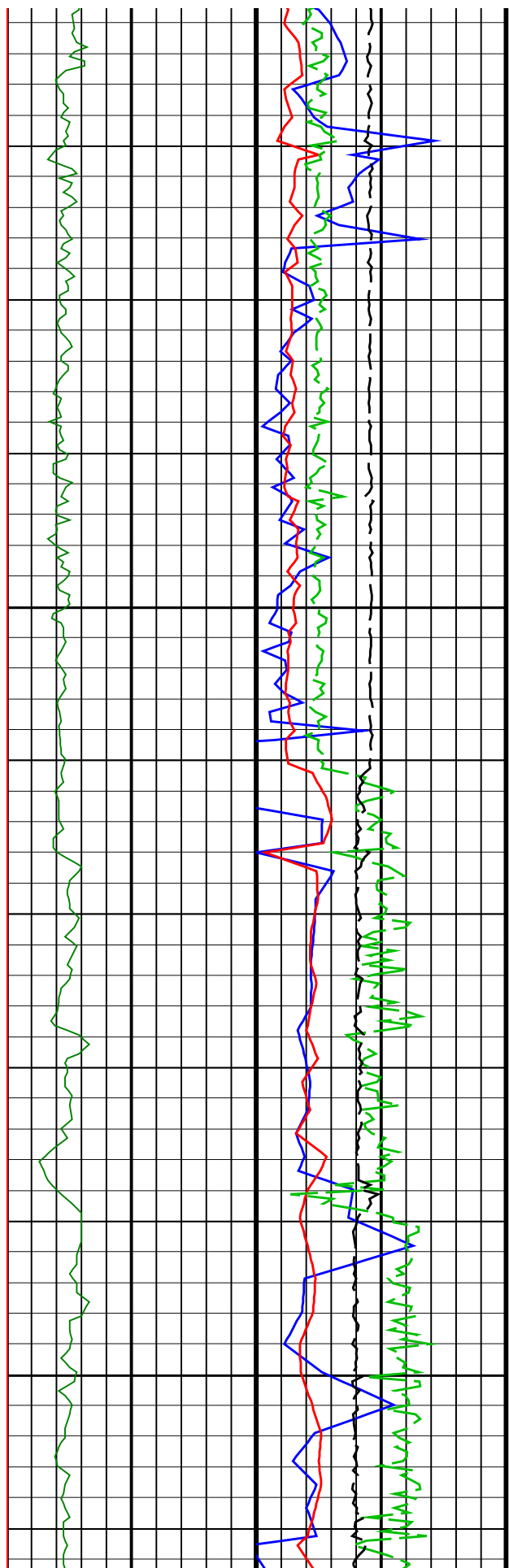




825

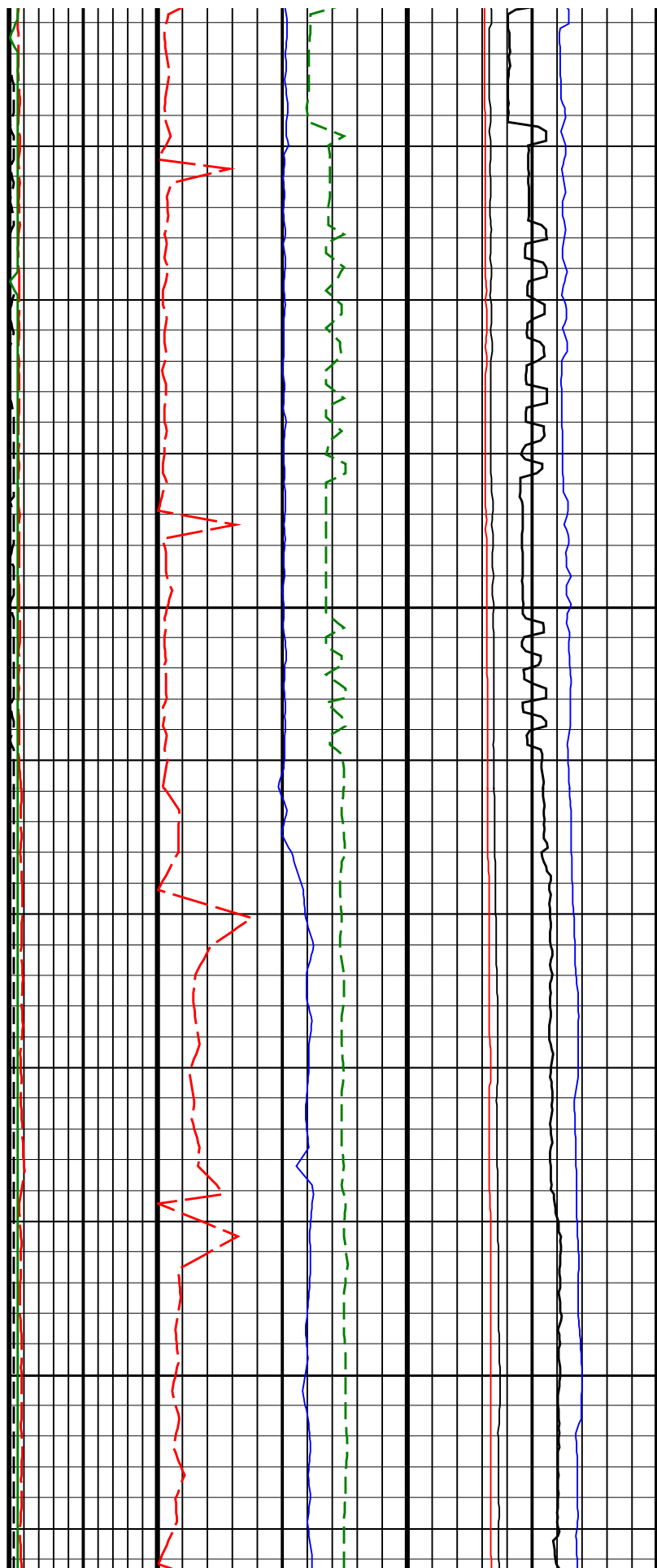
850

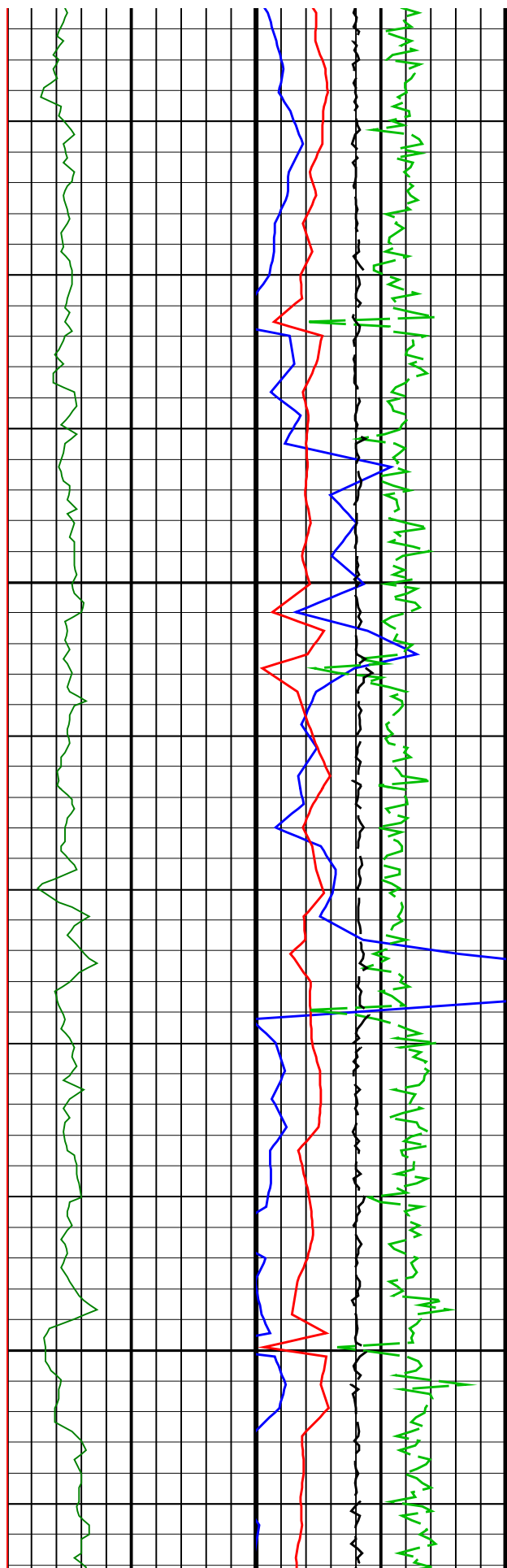




875

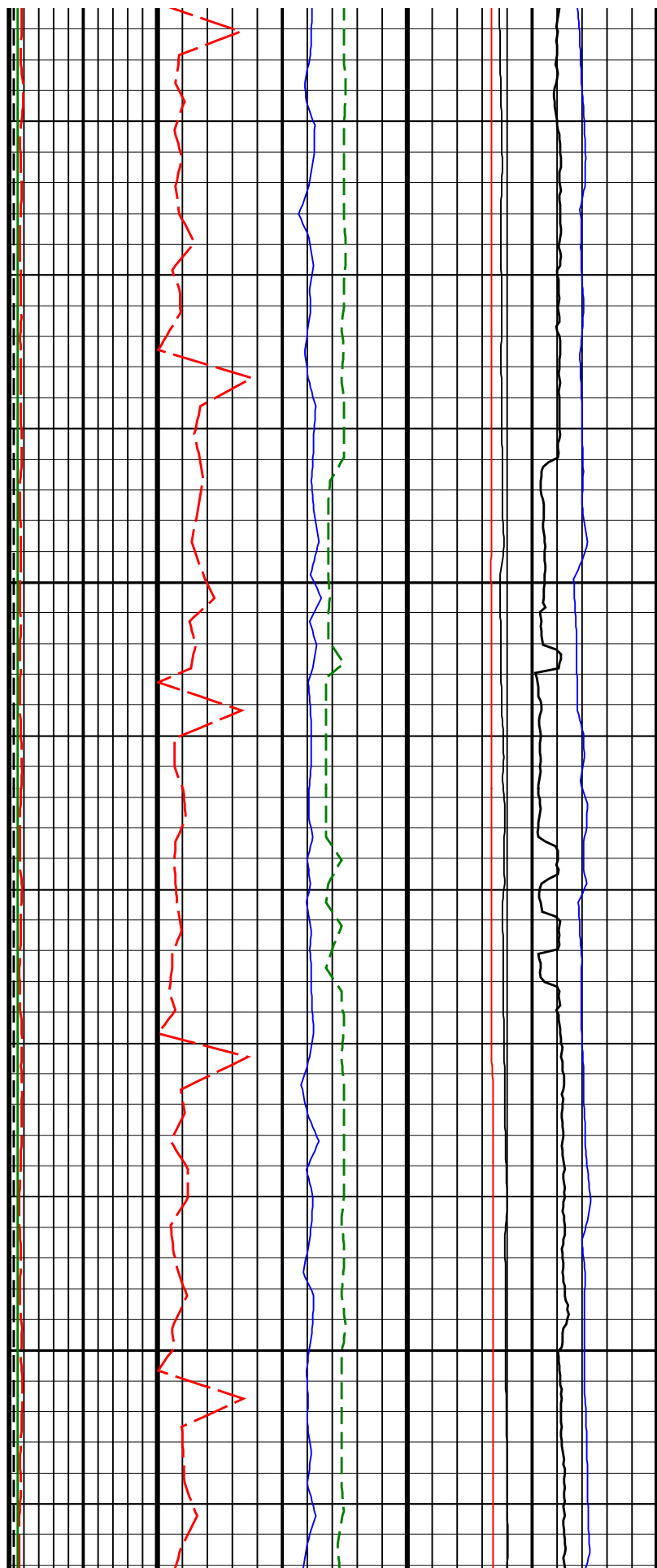
900

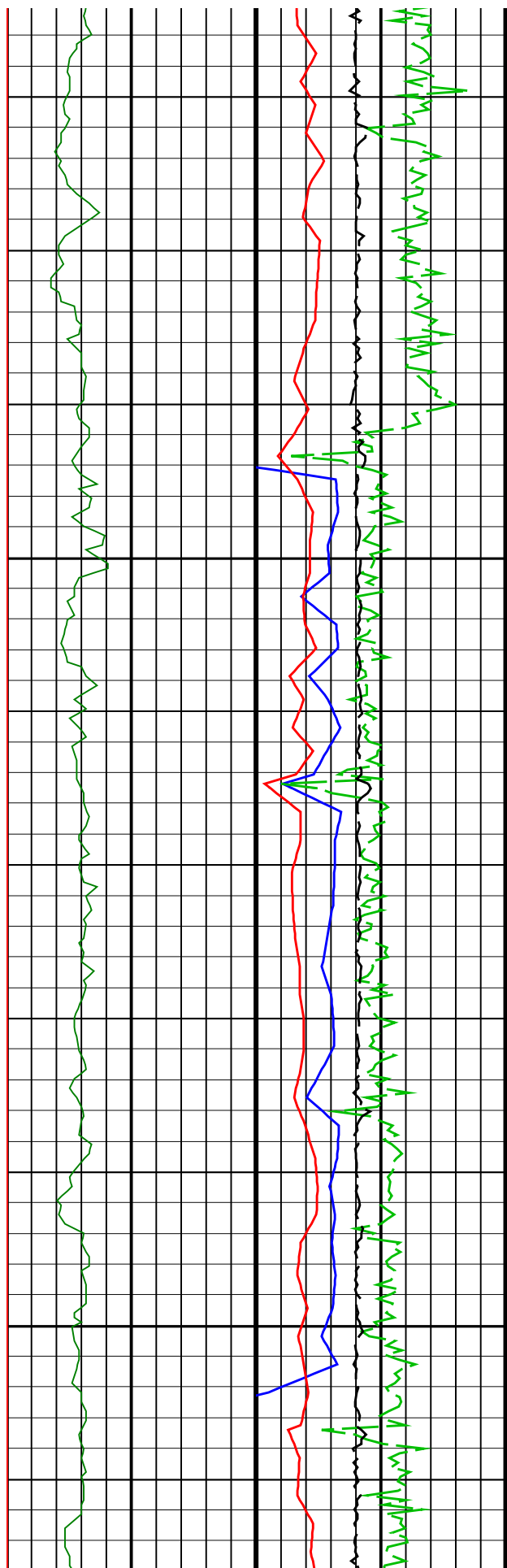




925

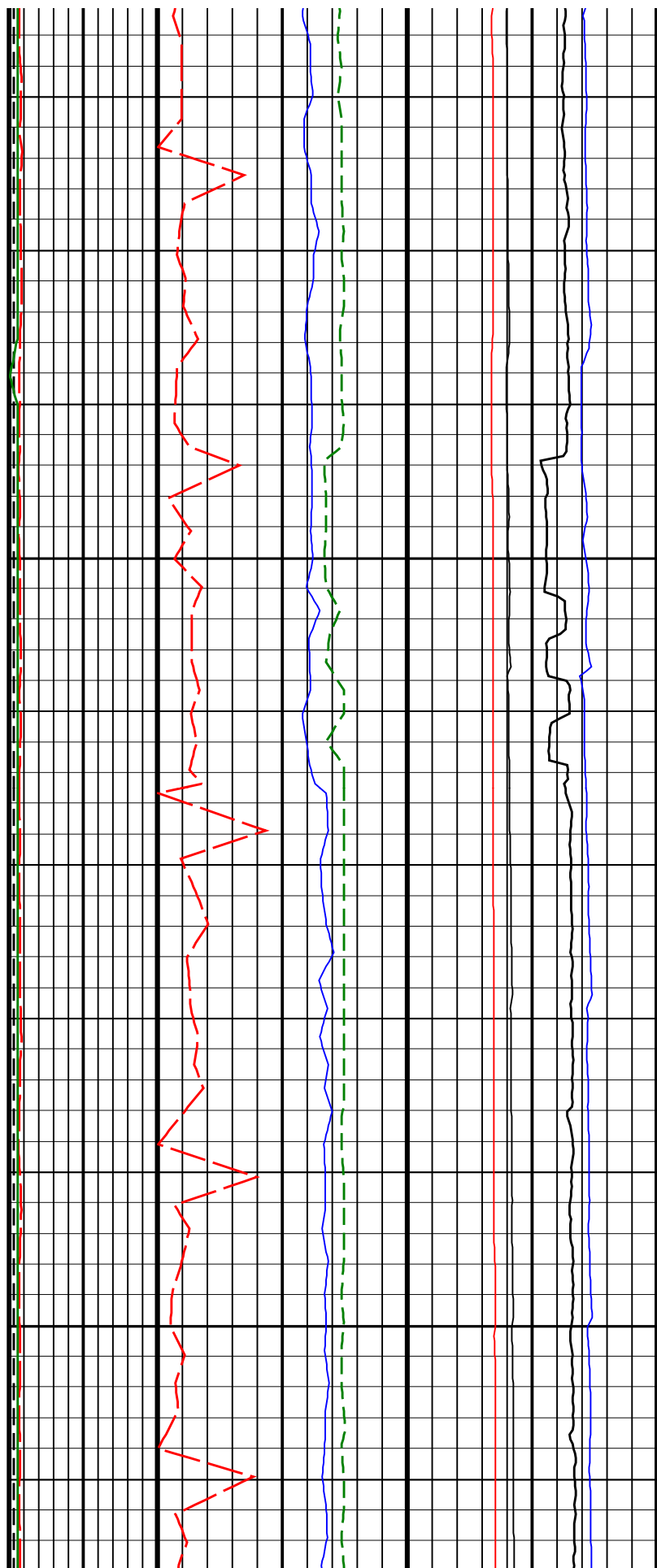
950

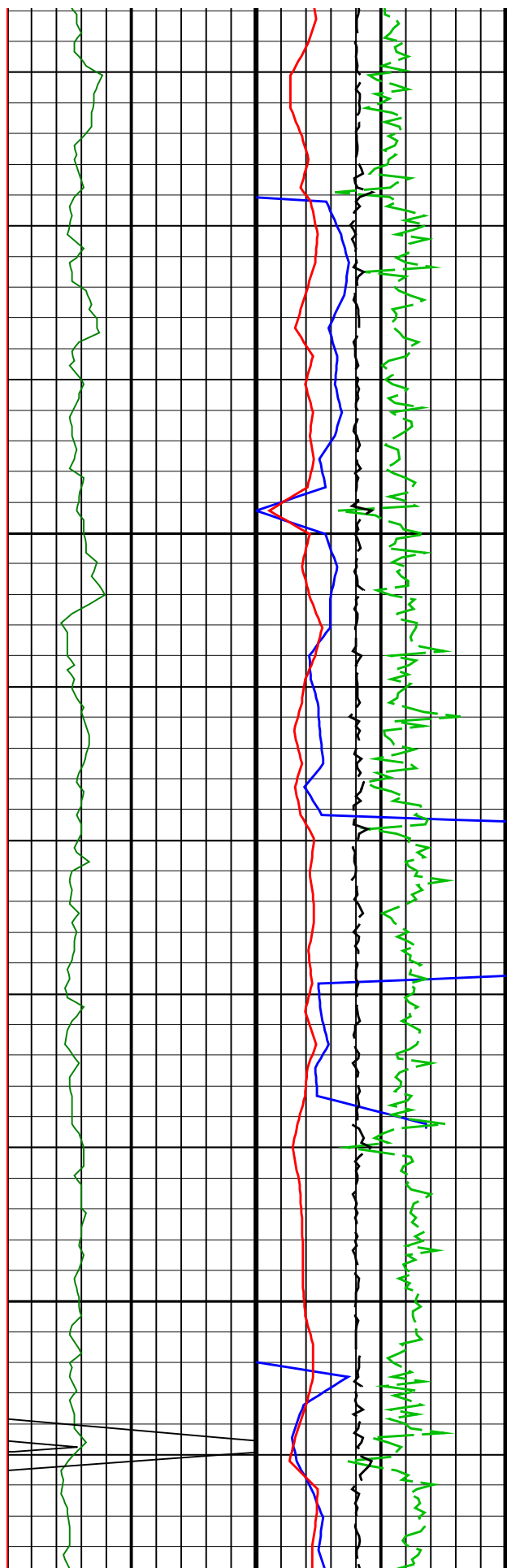


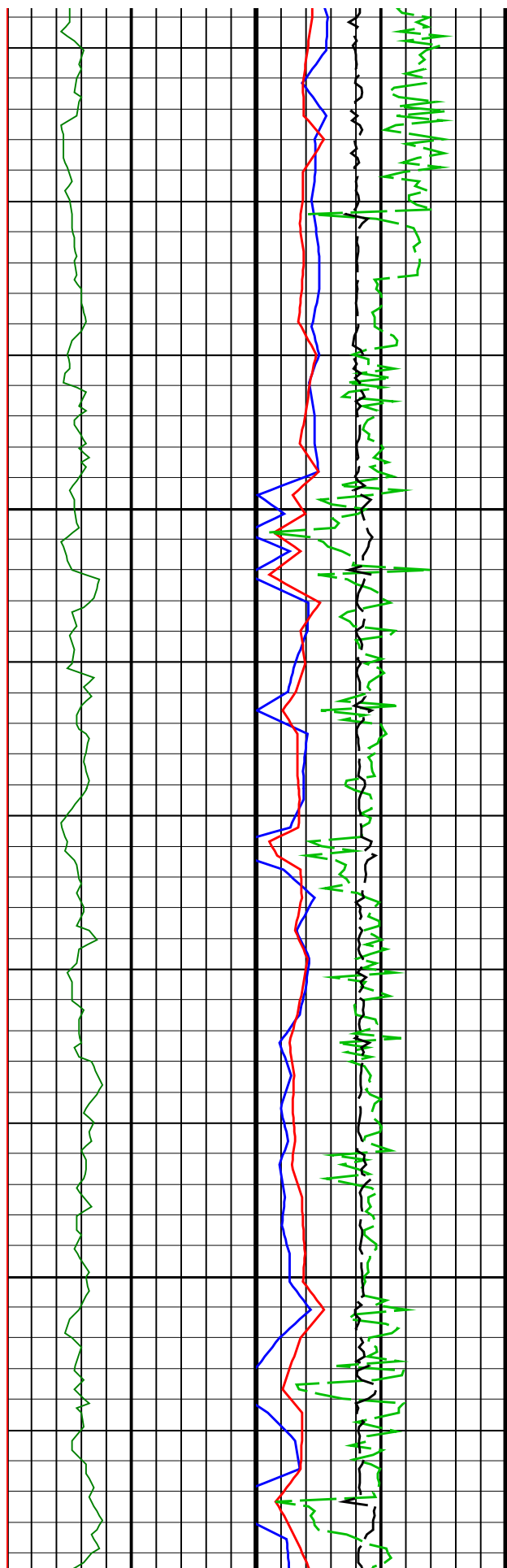


975

1000

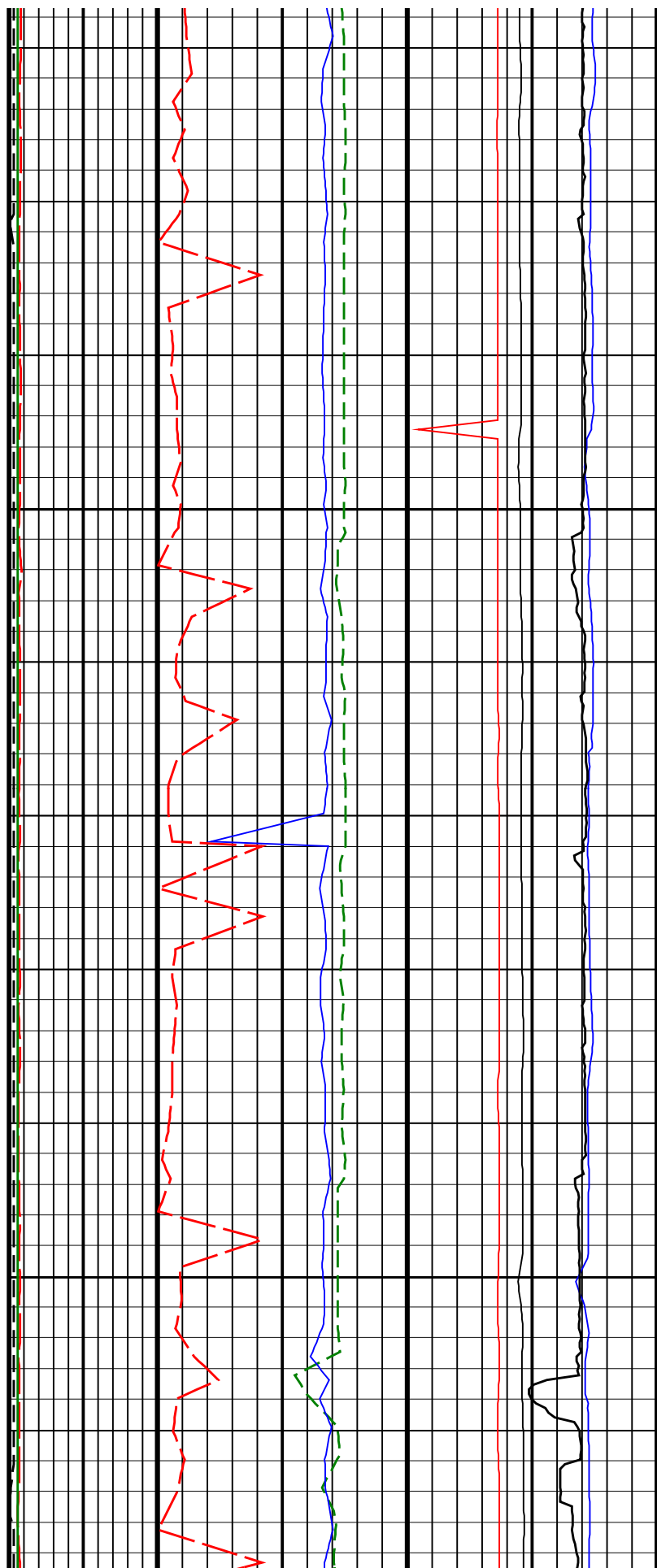


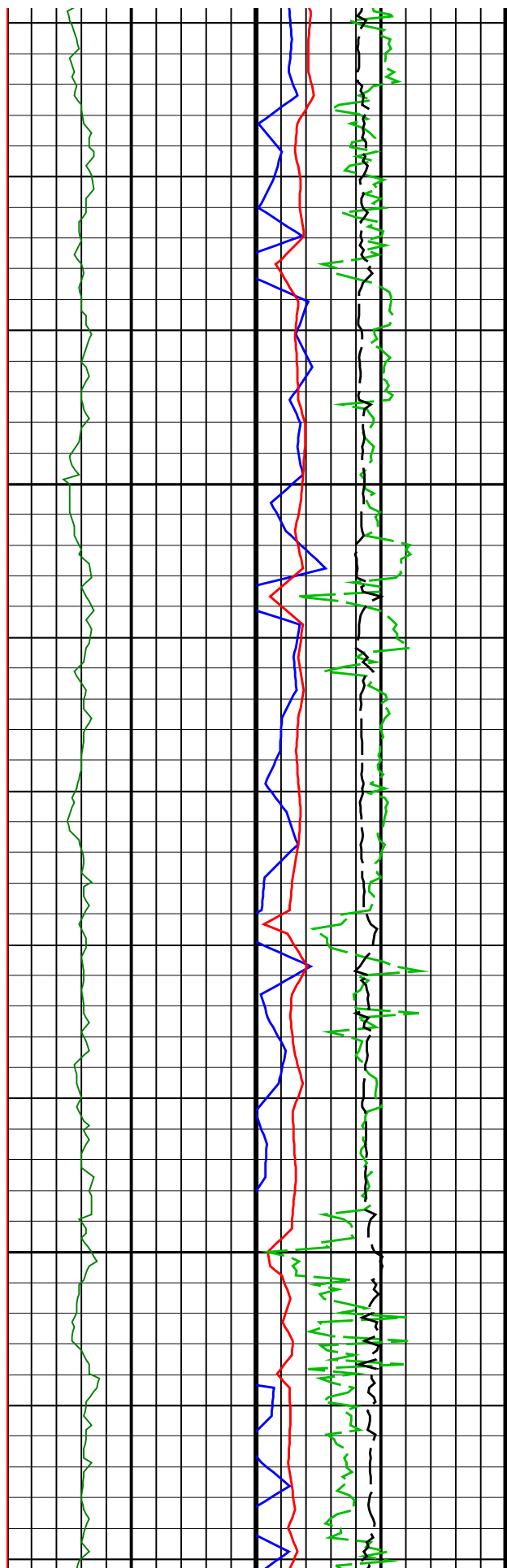




1075

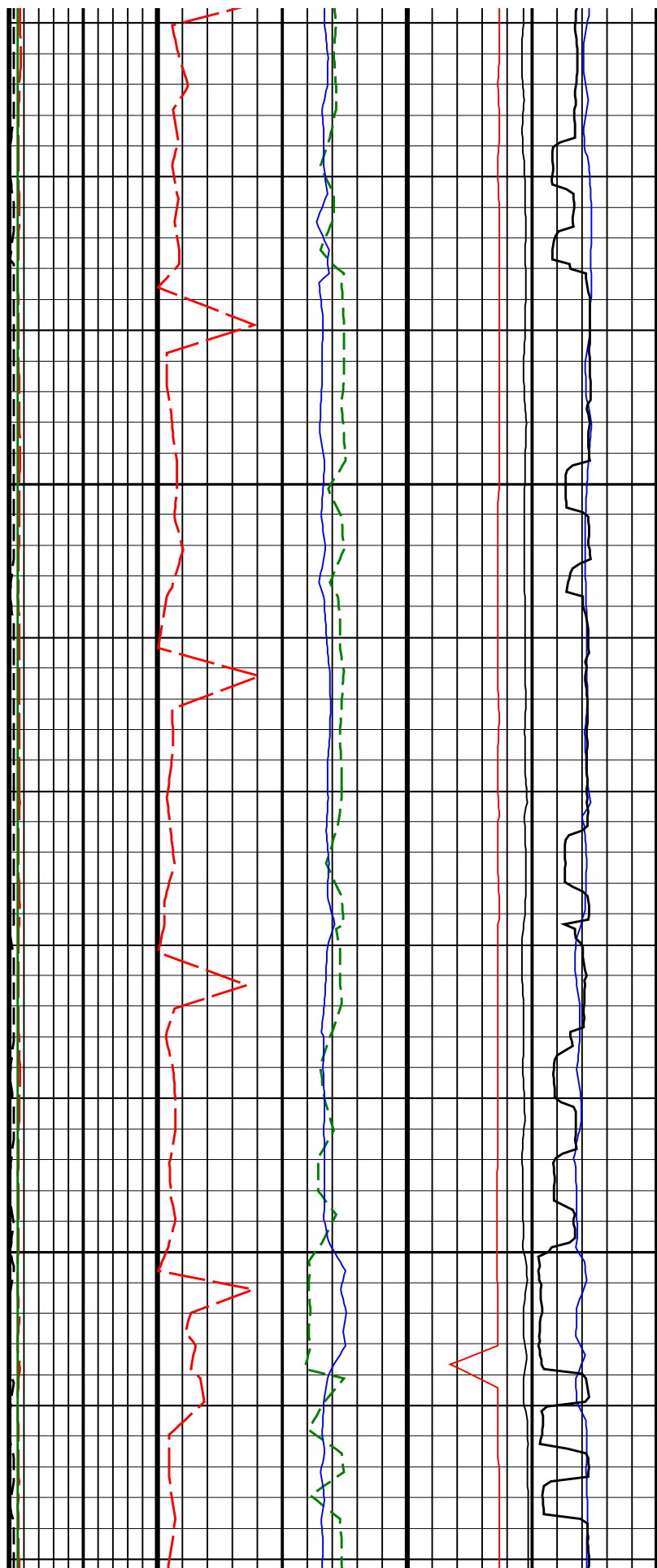
1100

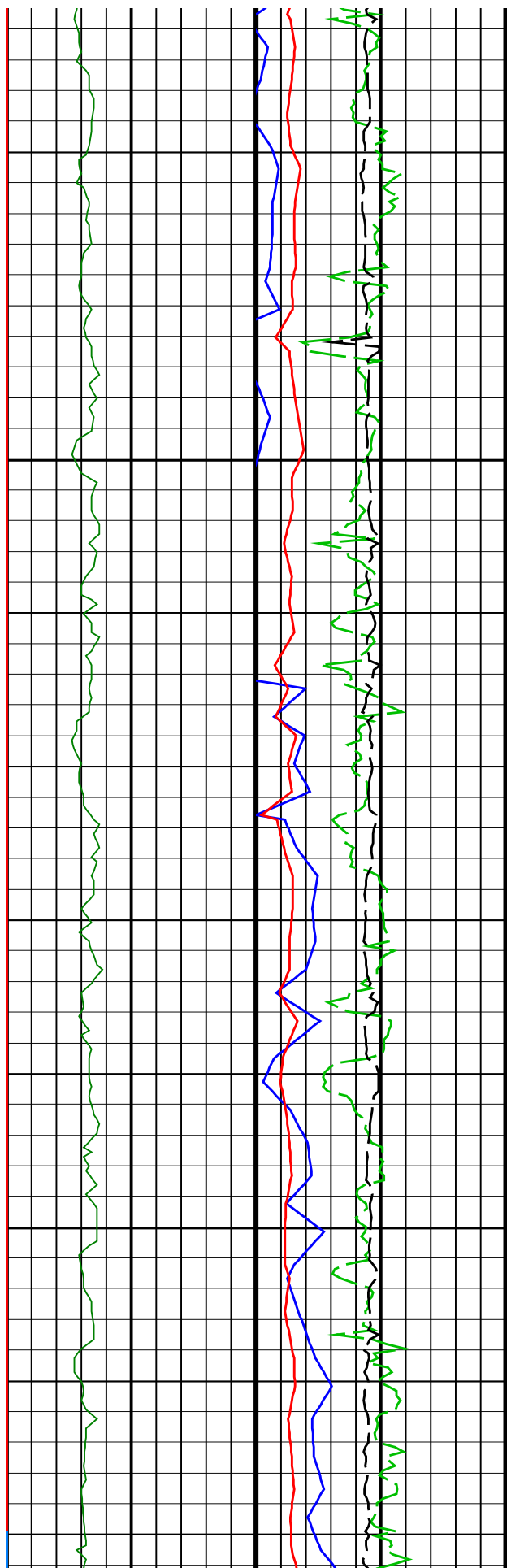




1125

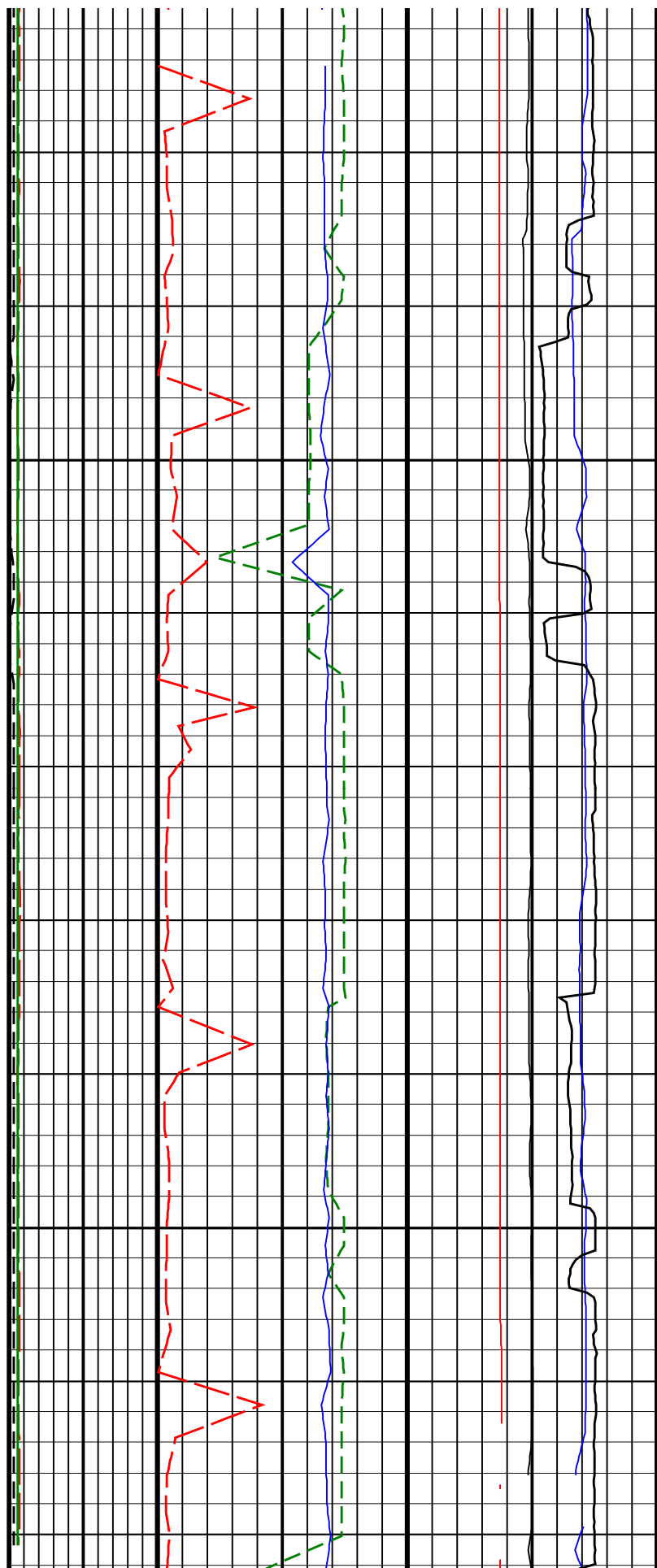
1150

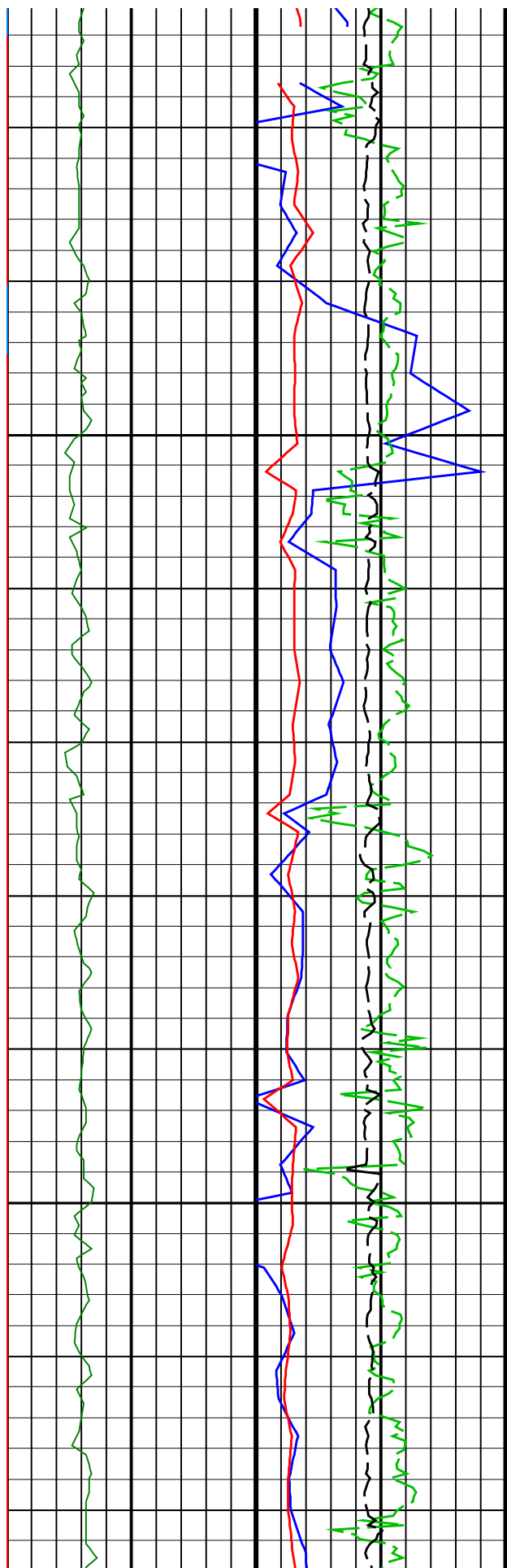




1175

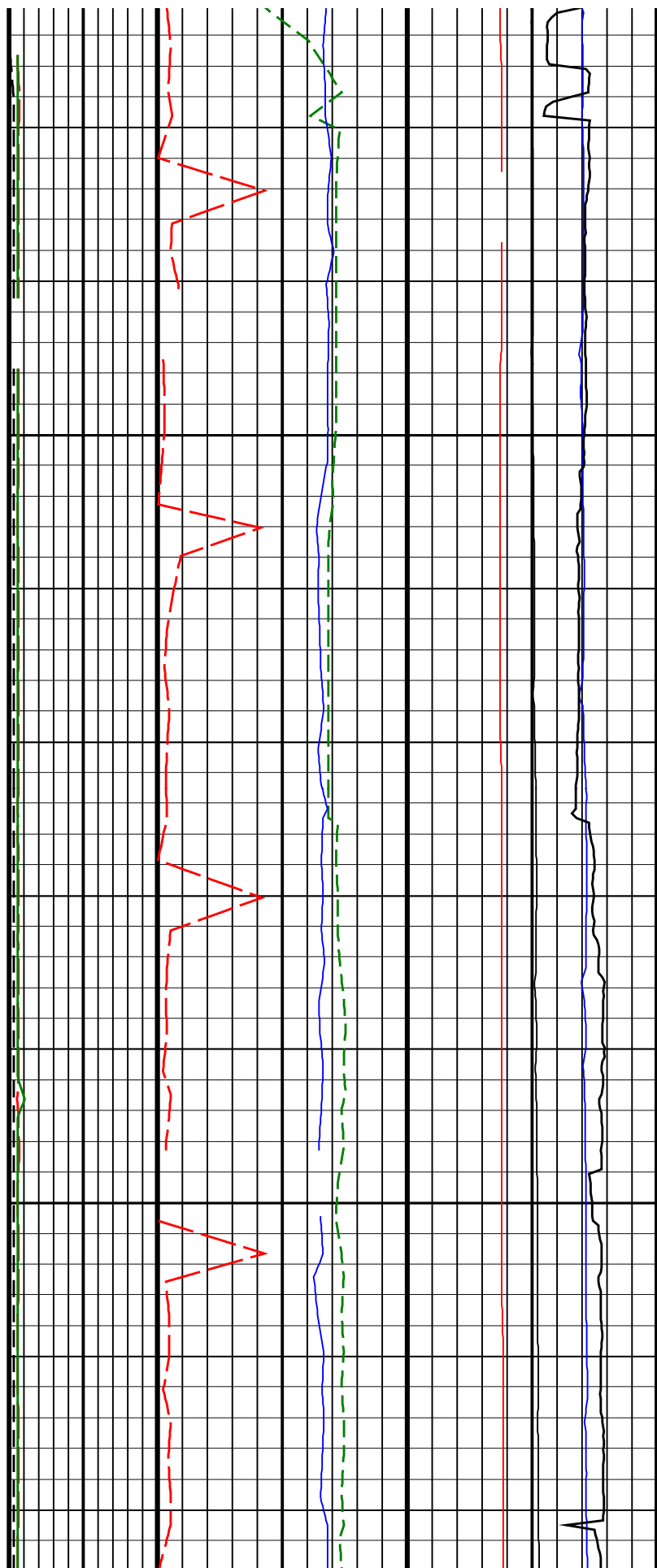
1200

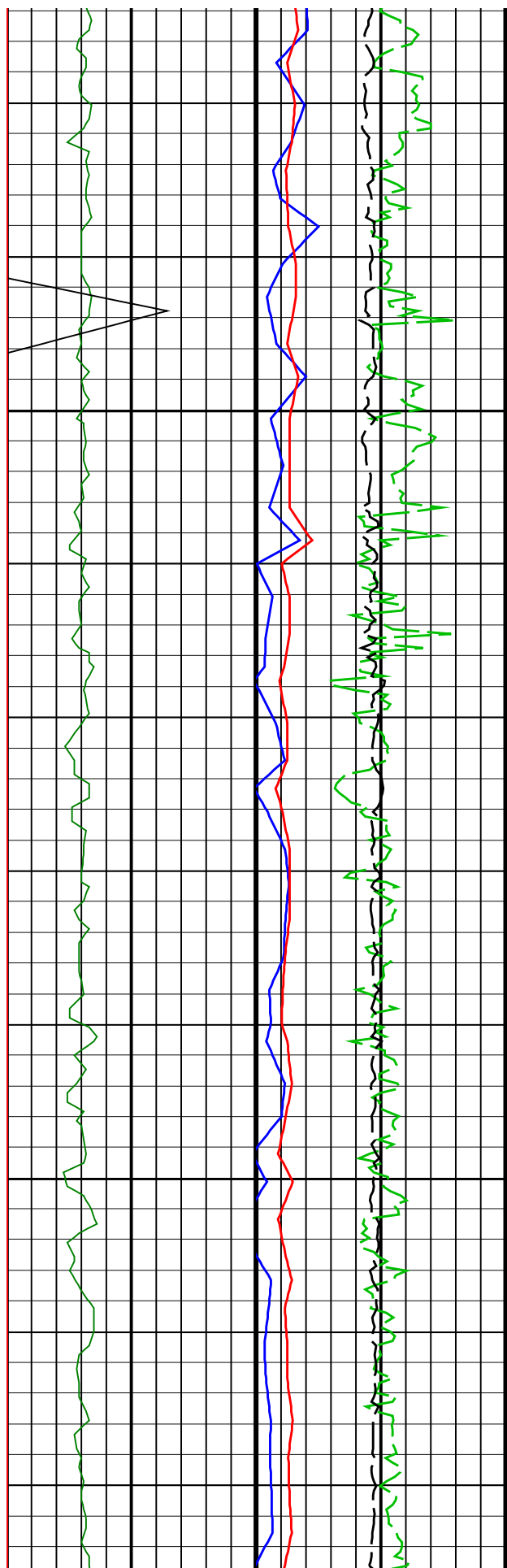




1225

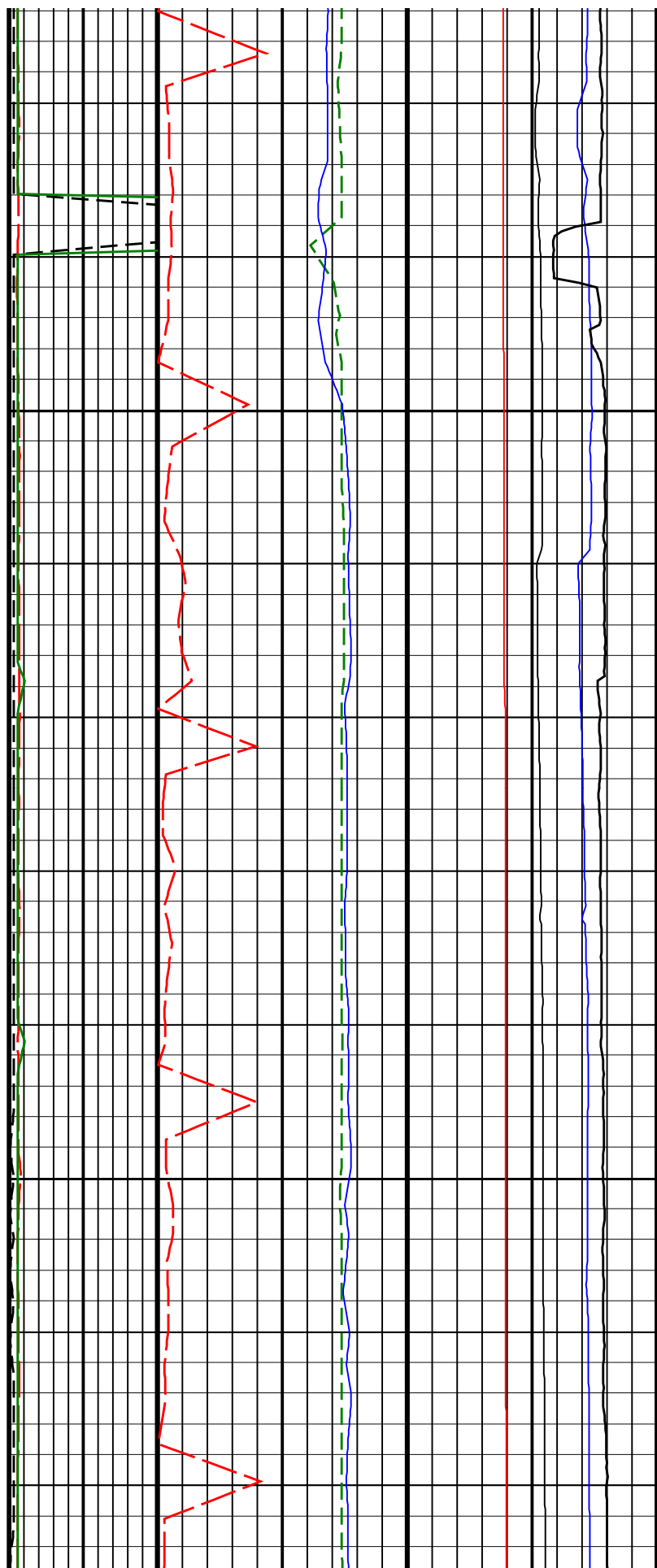
1250

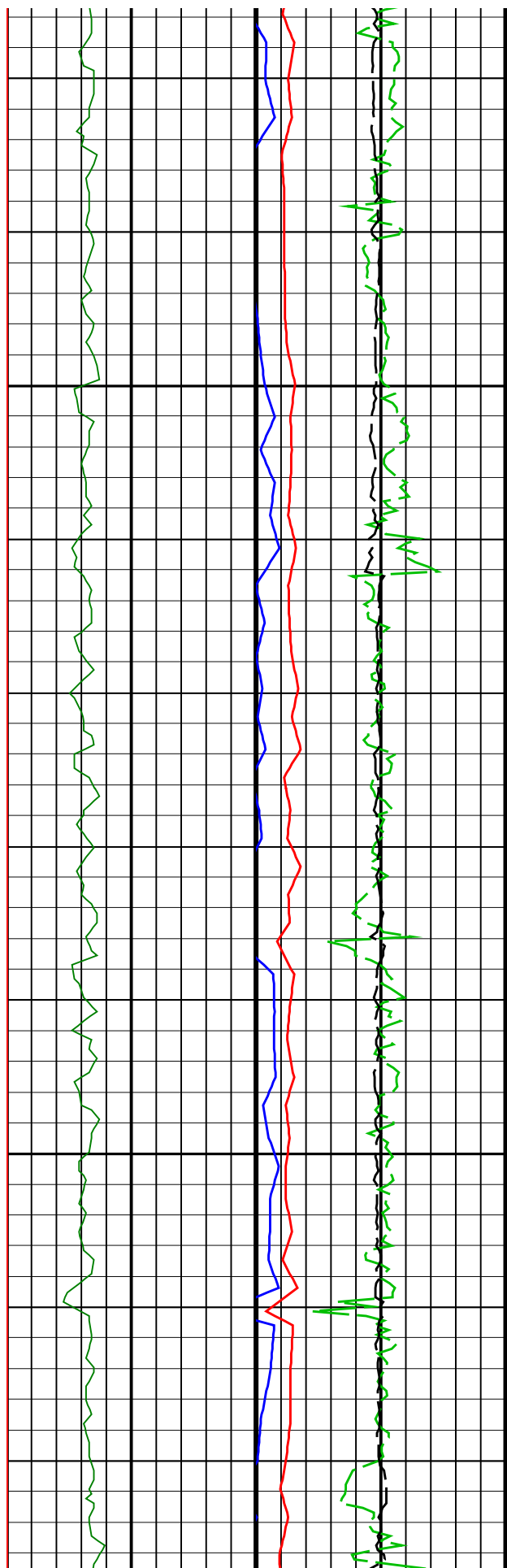




1275

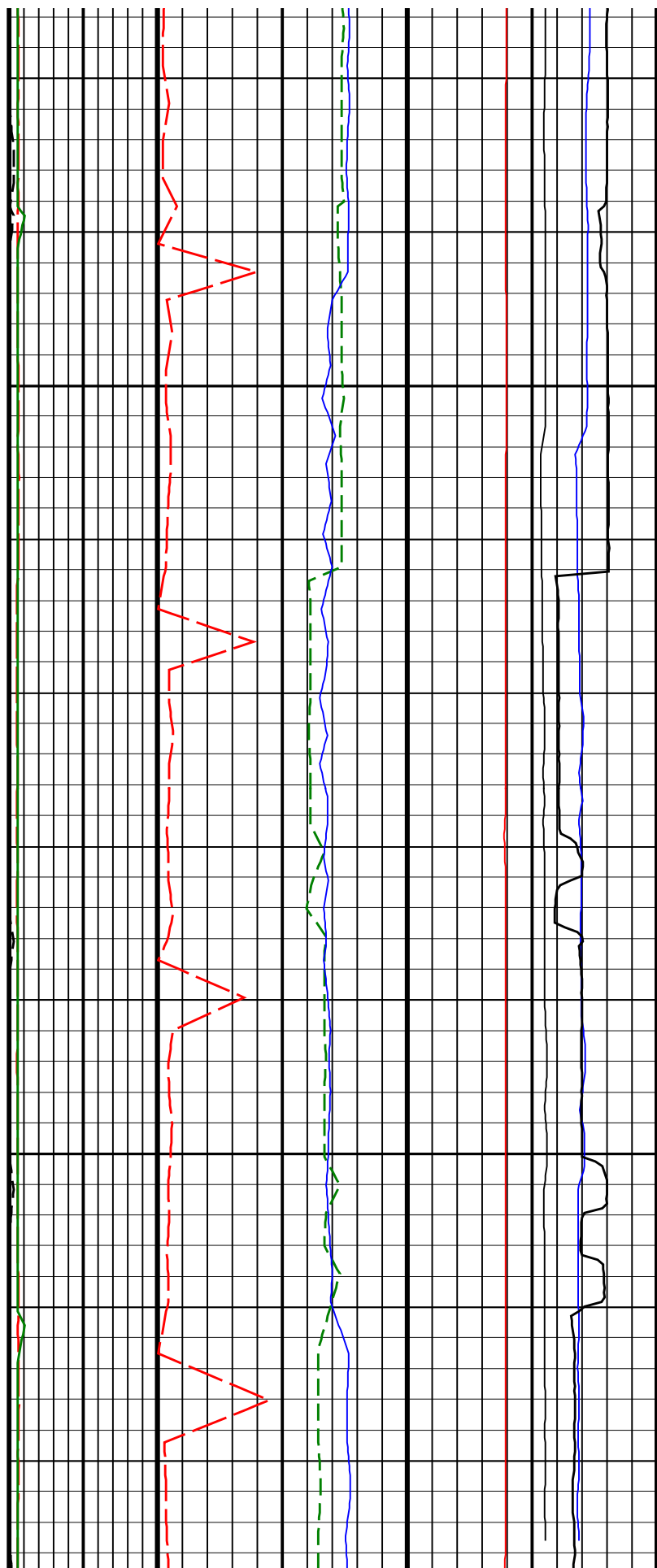
1300

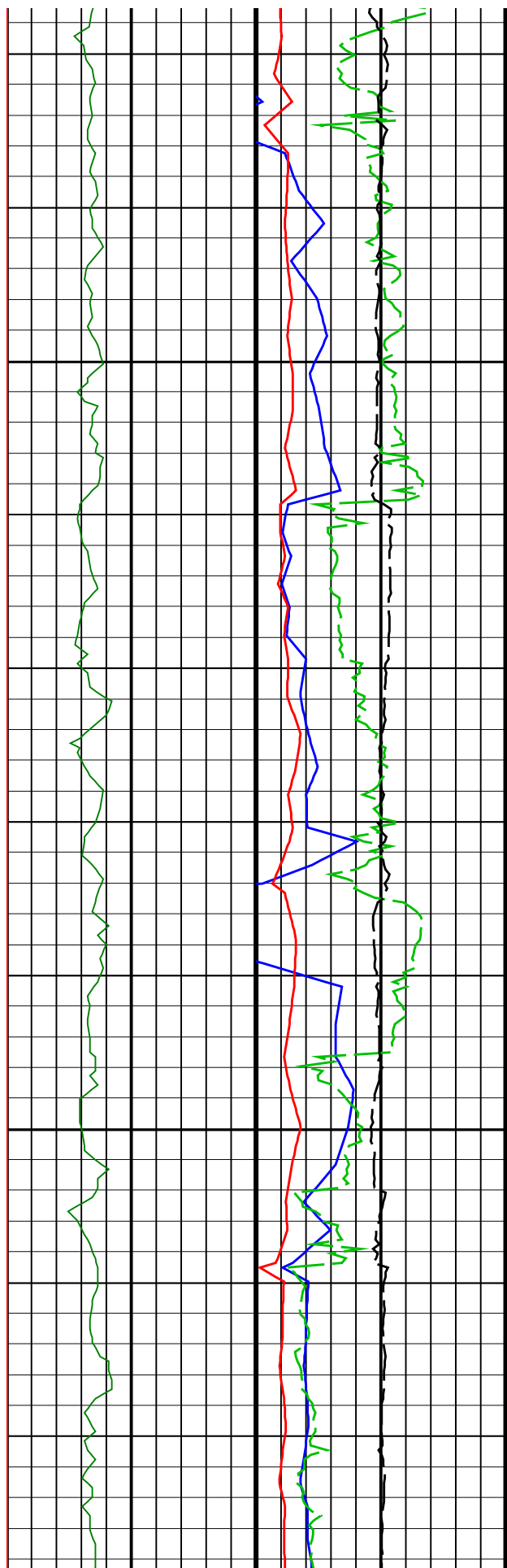




1325

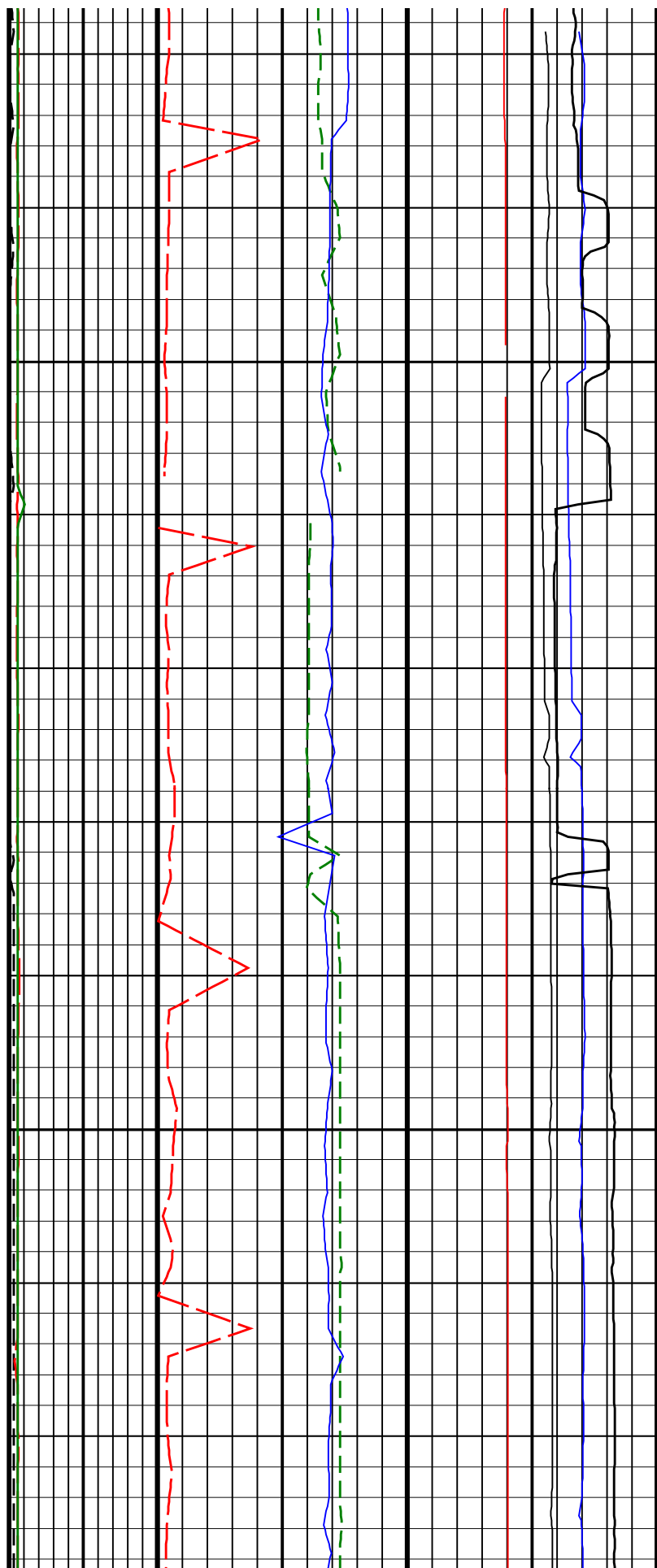
1350

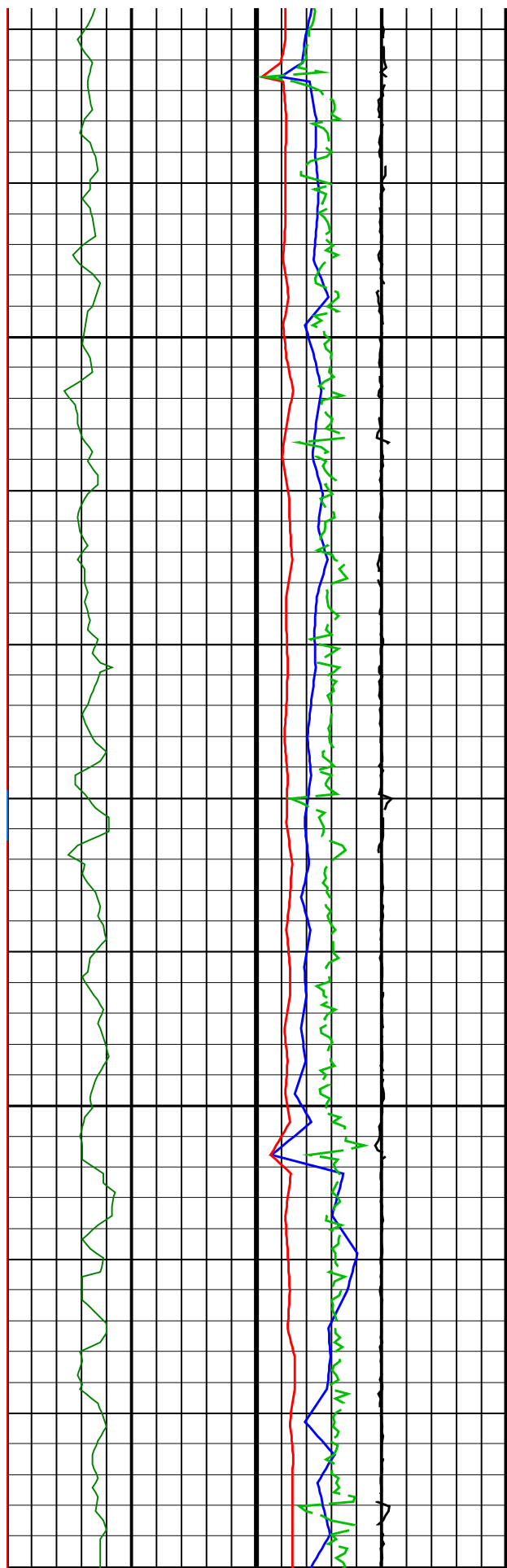




1375

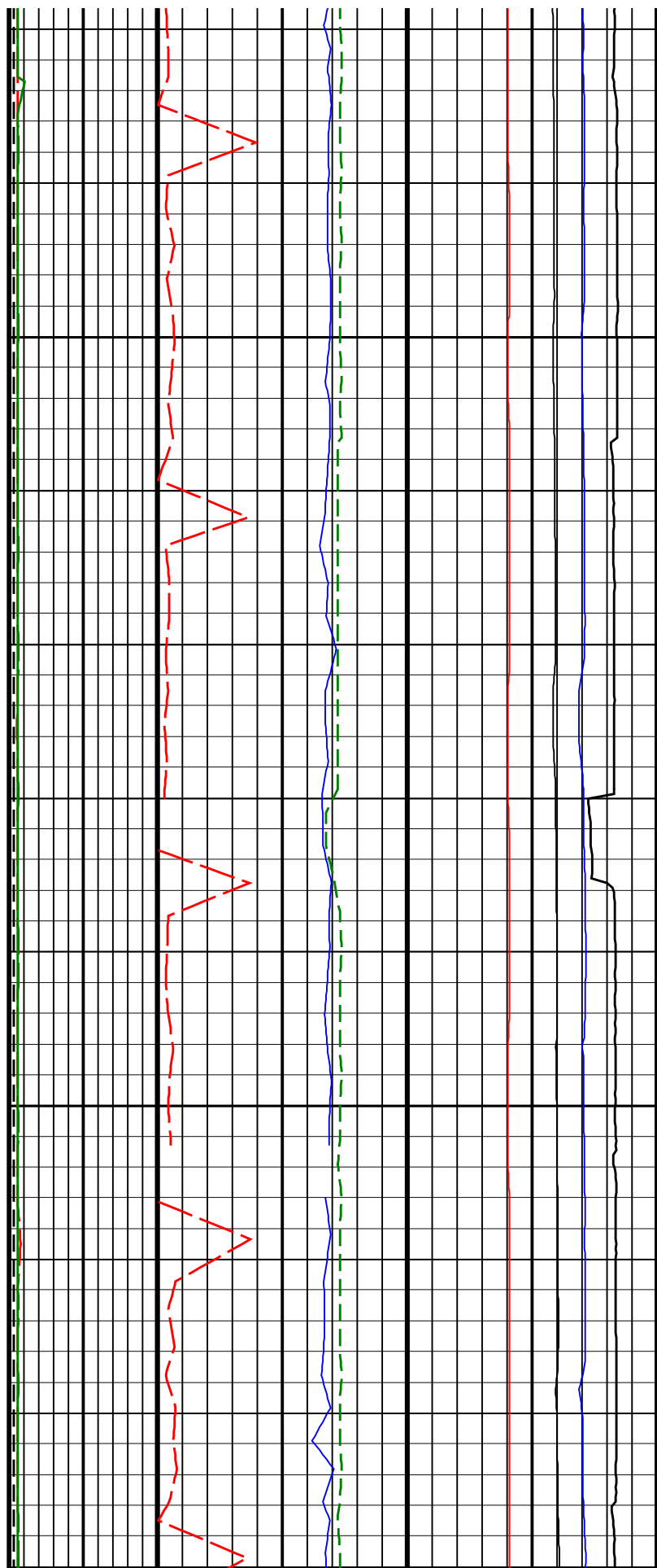
1400

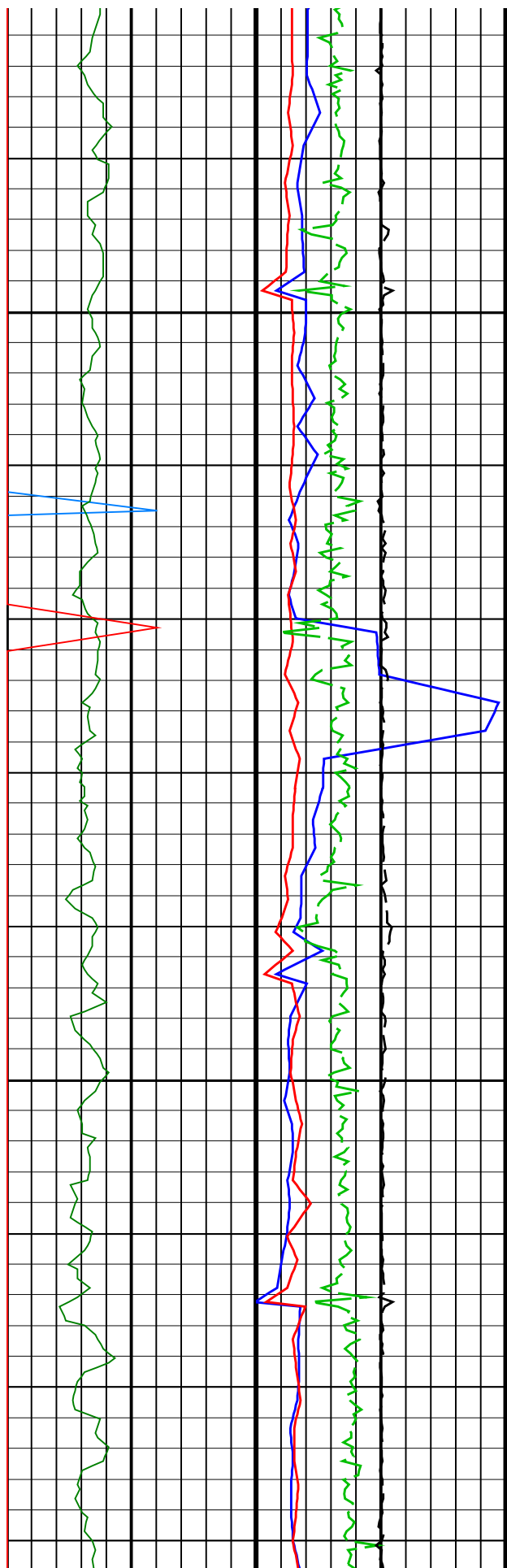




1425

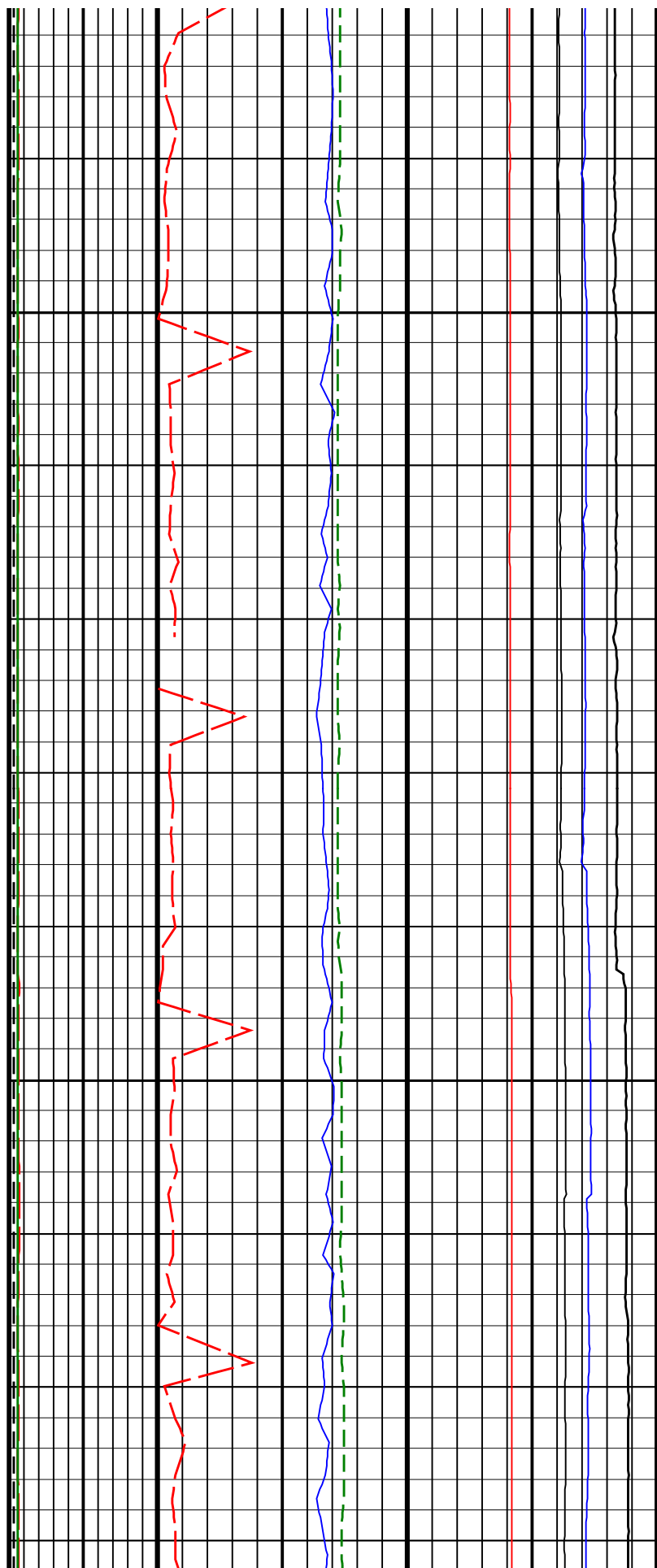
1450

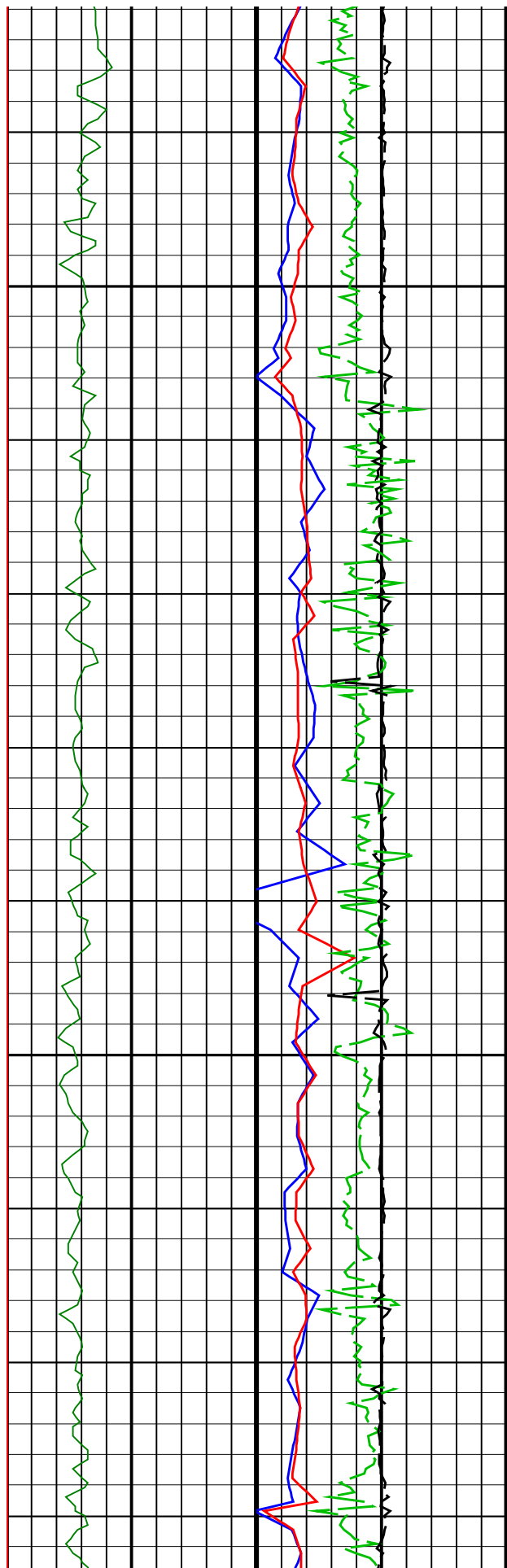




1475

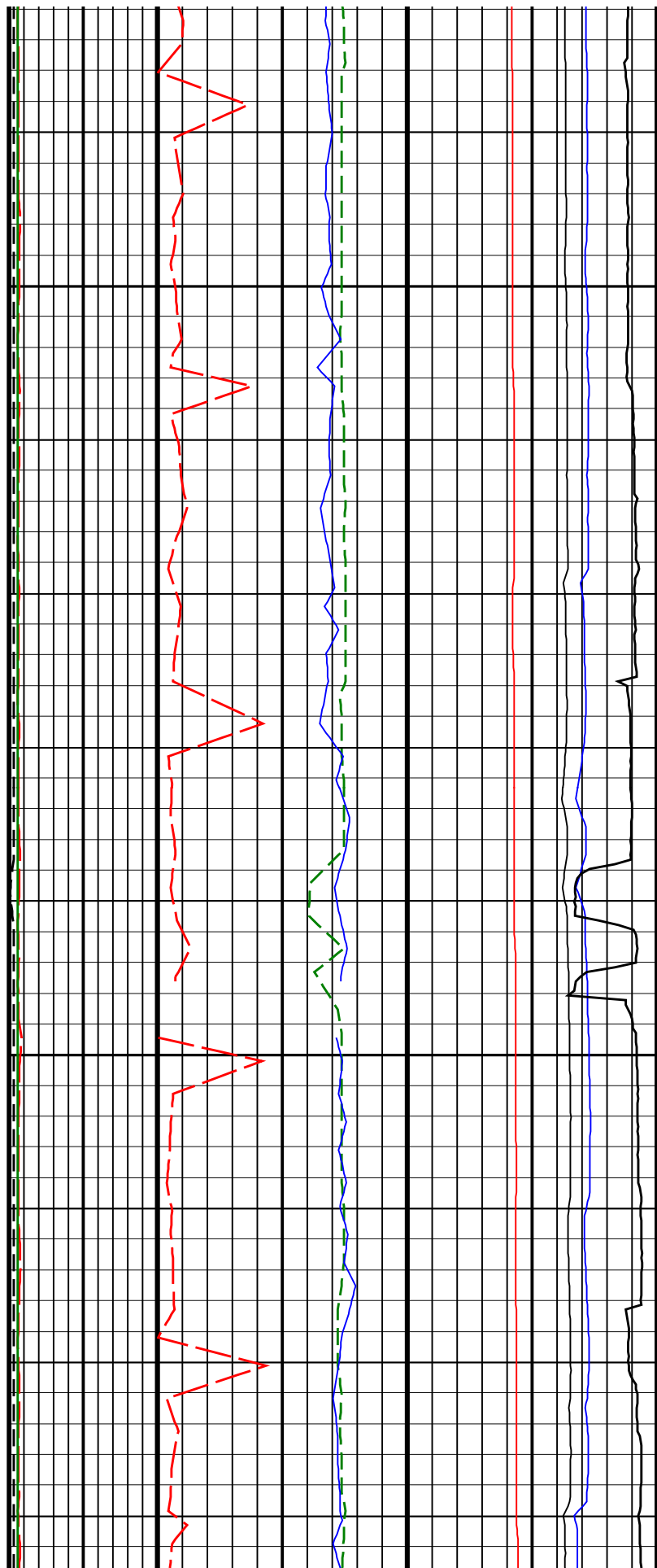
1500

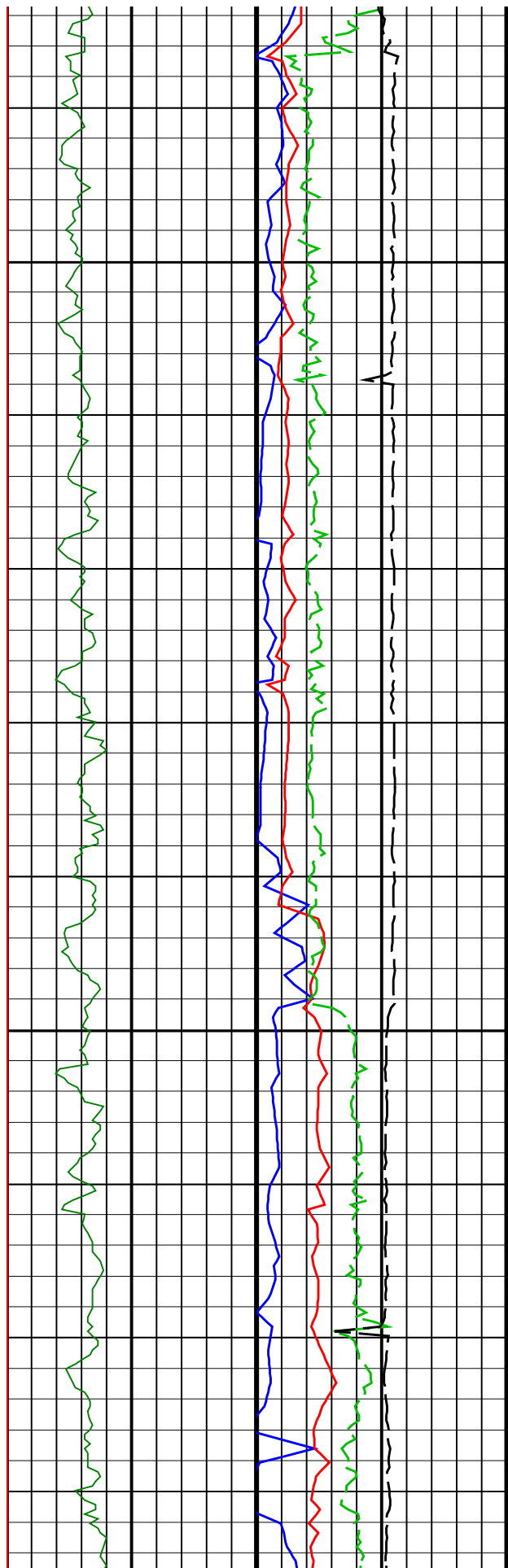




1525

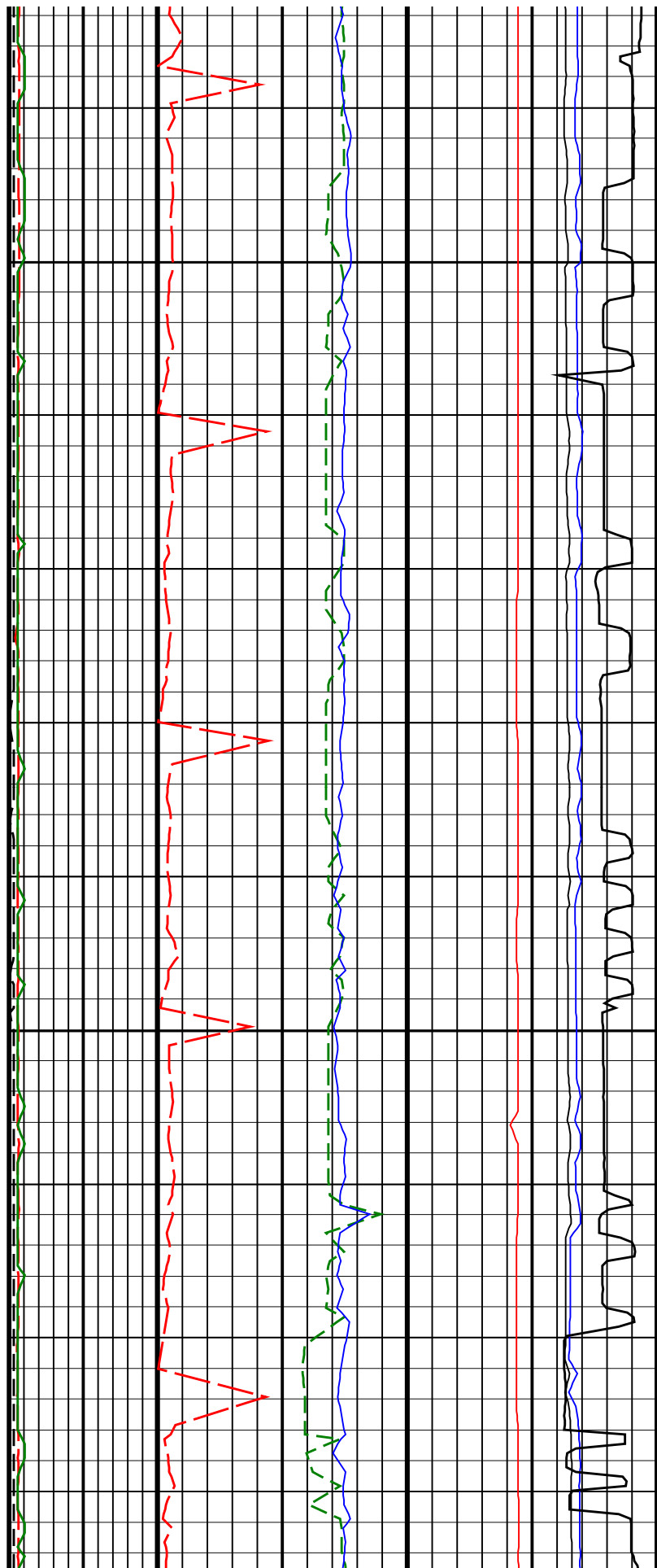
1550

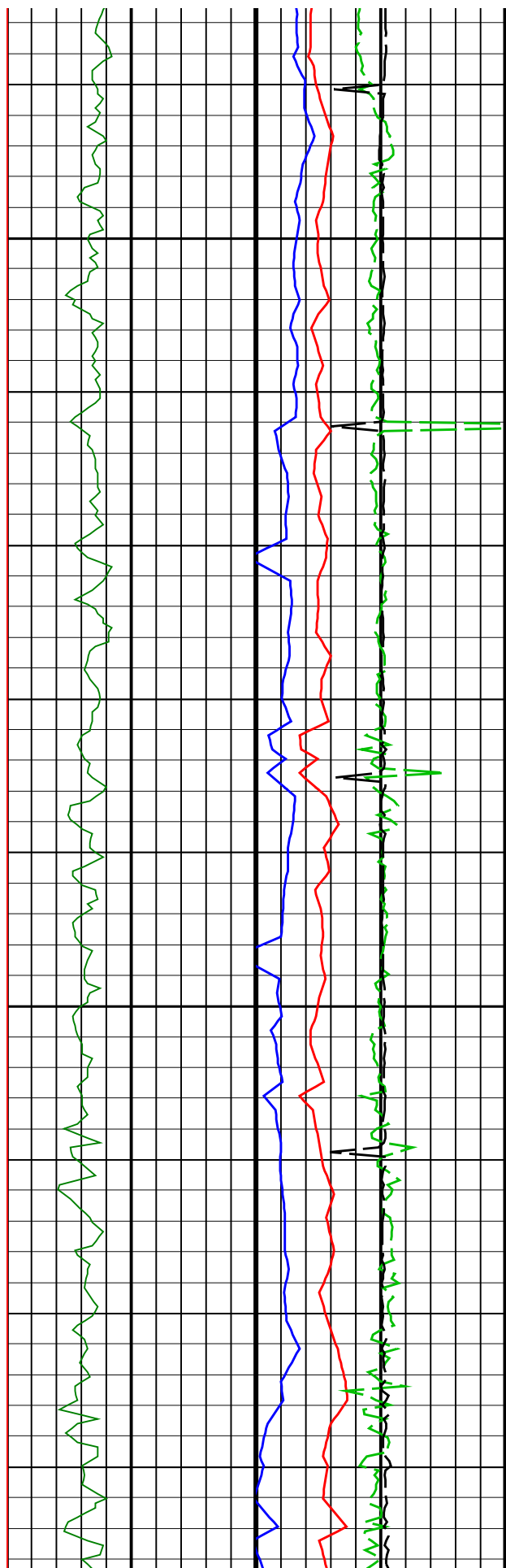




1575

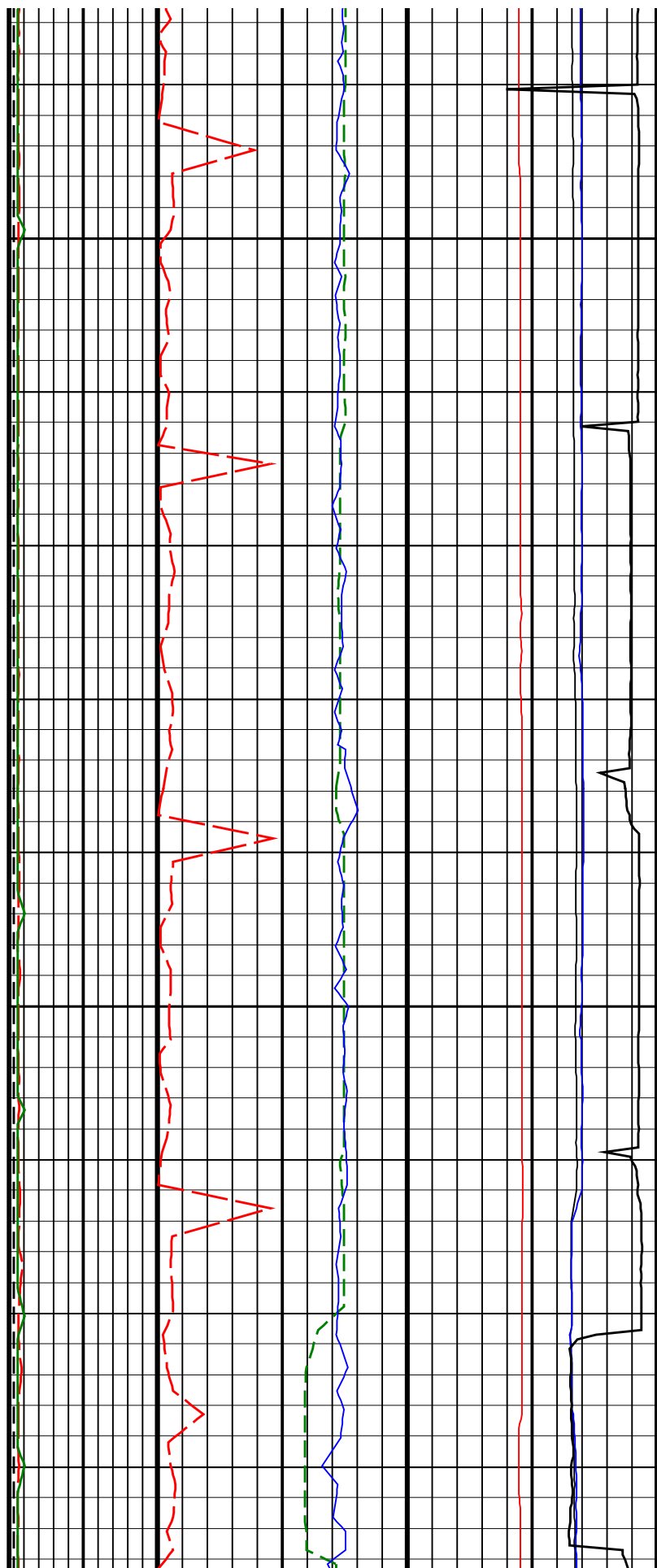
1600

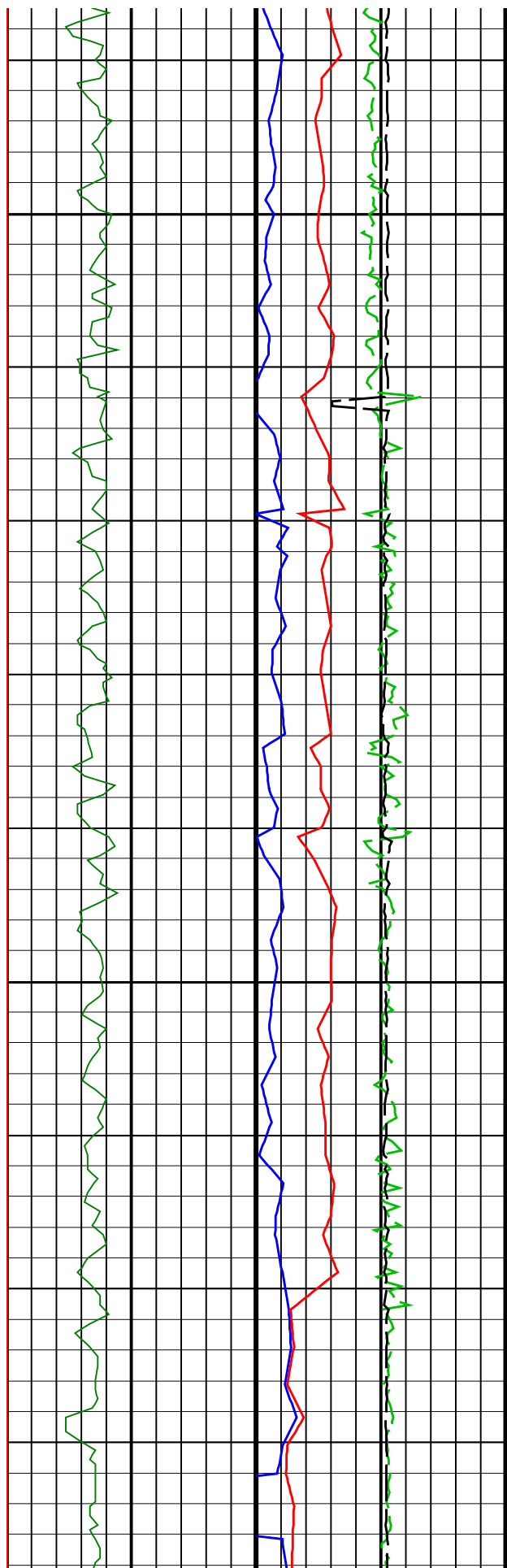




1625

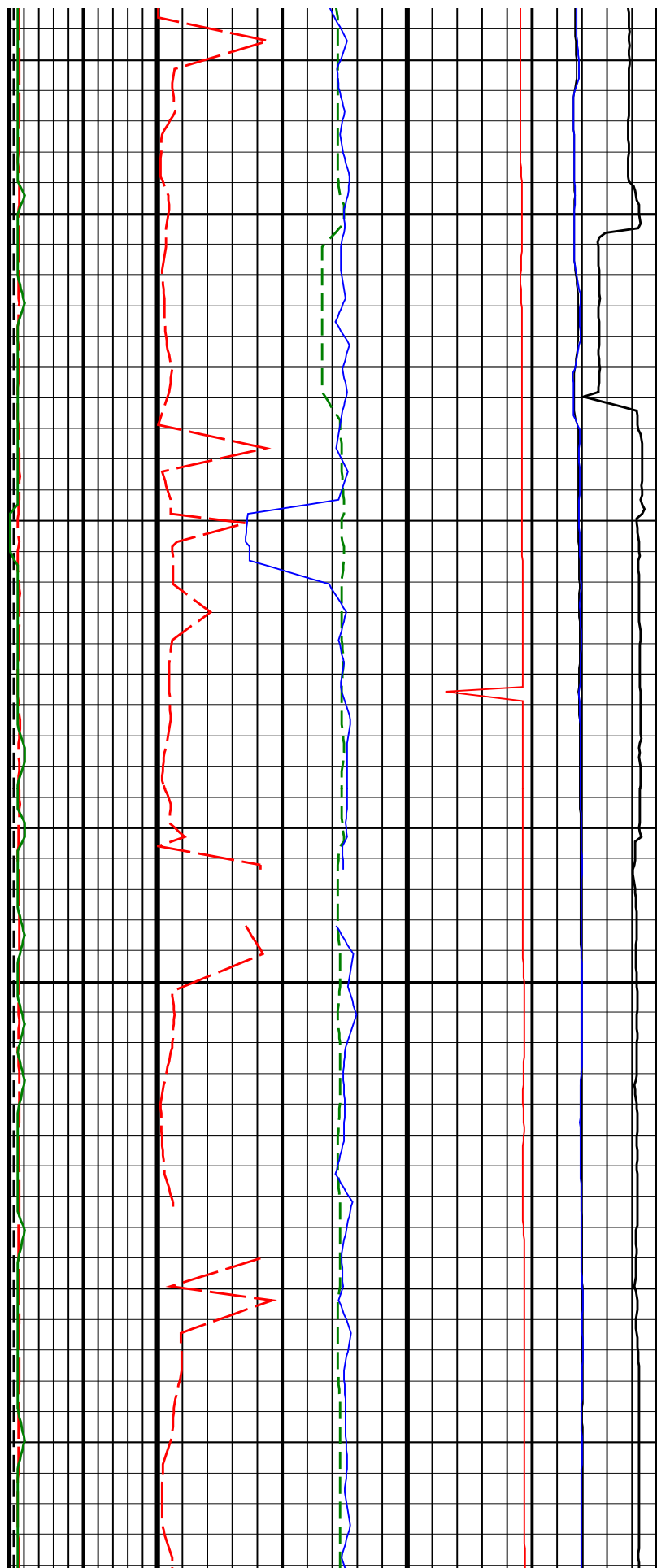
1650

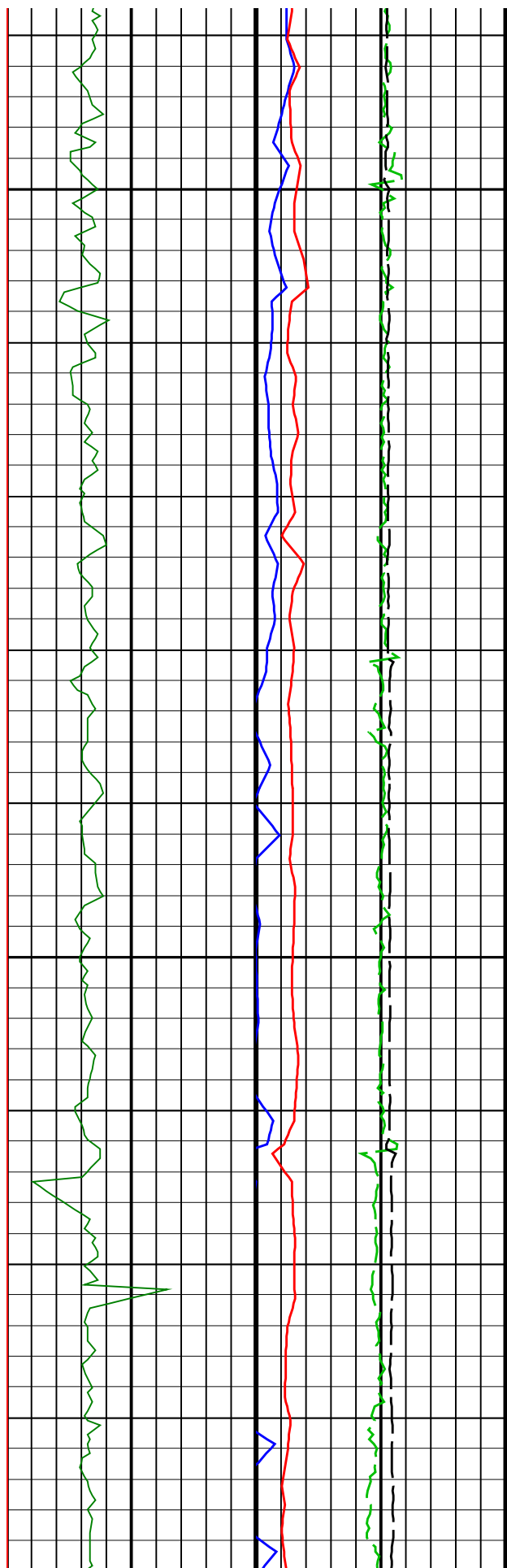




1675

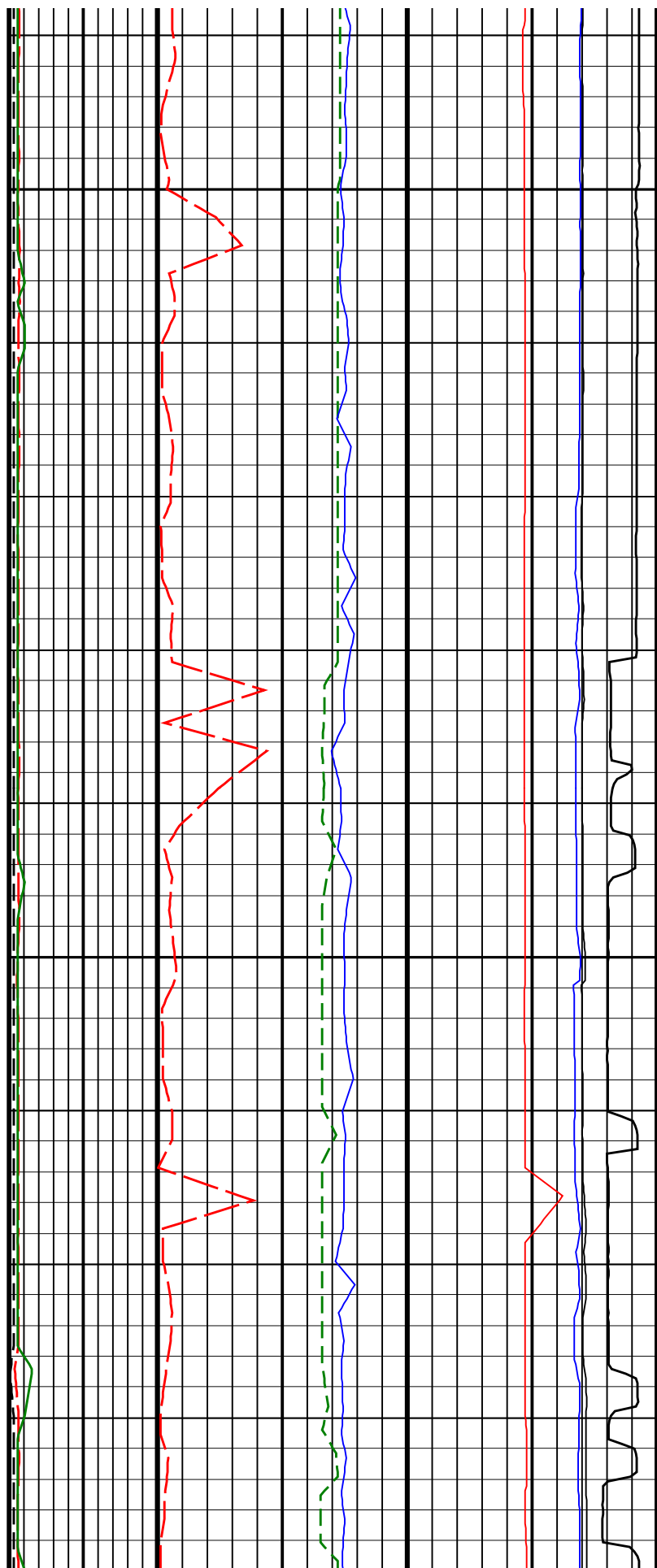
1700

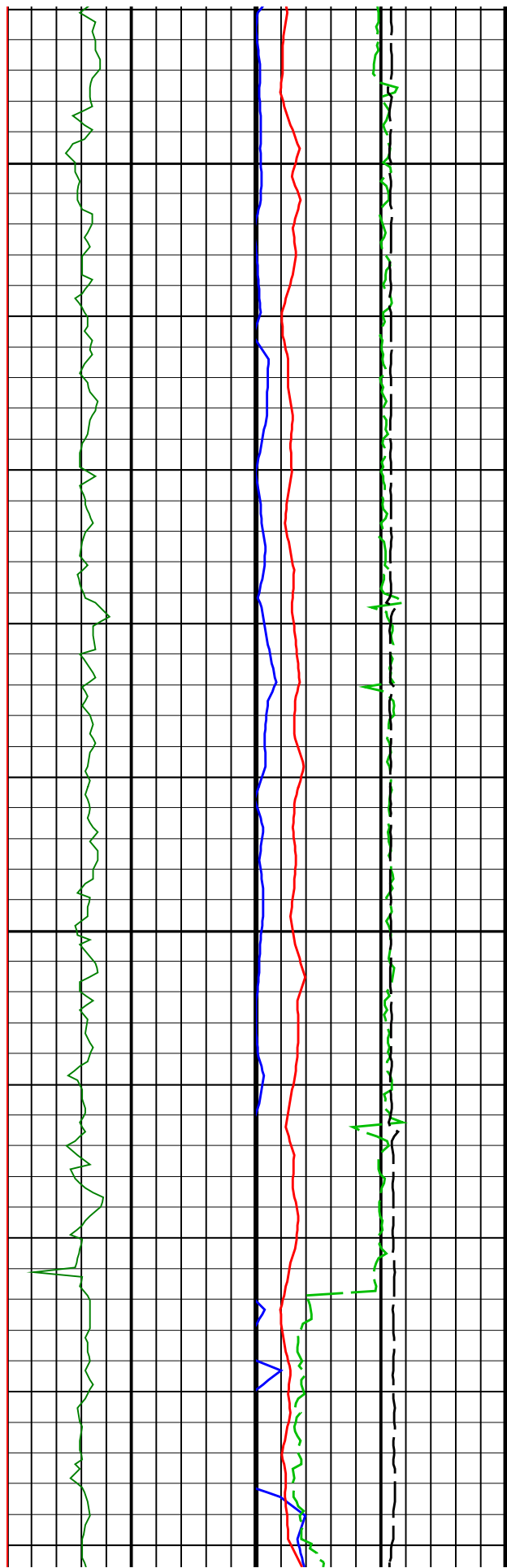




1725

1750

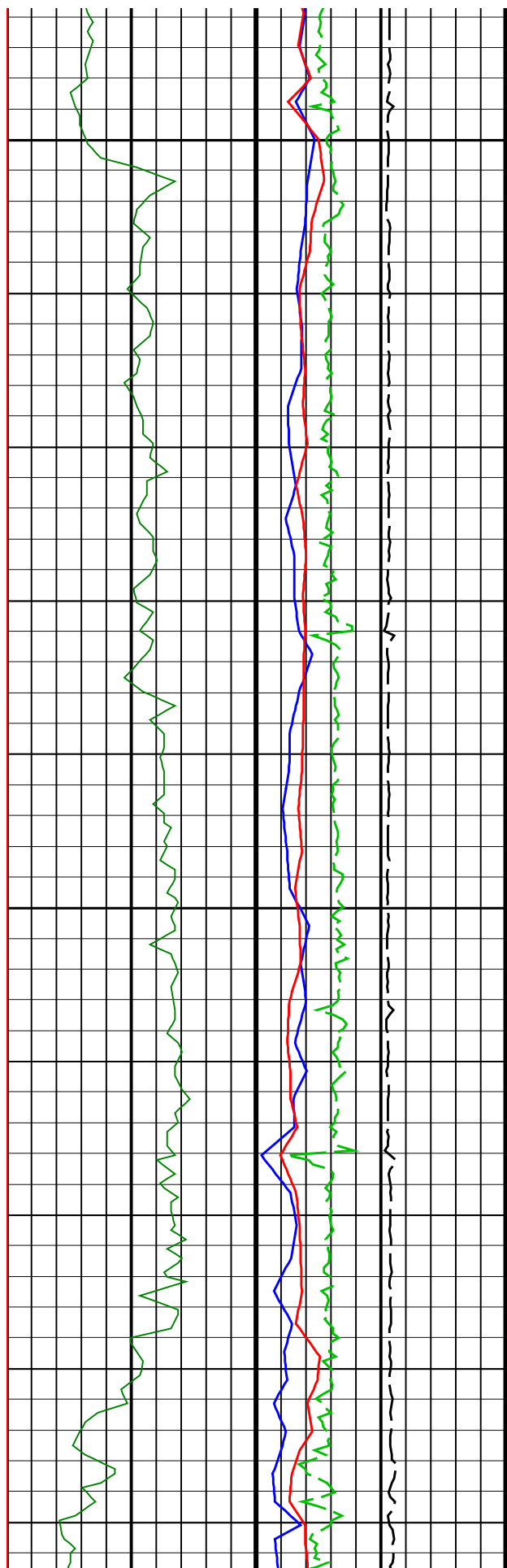




1775

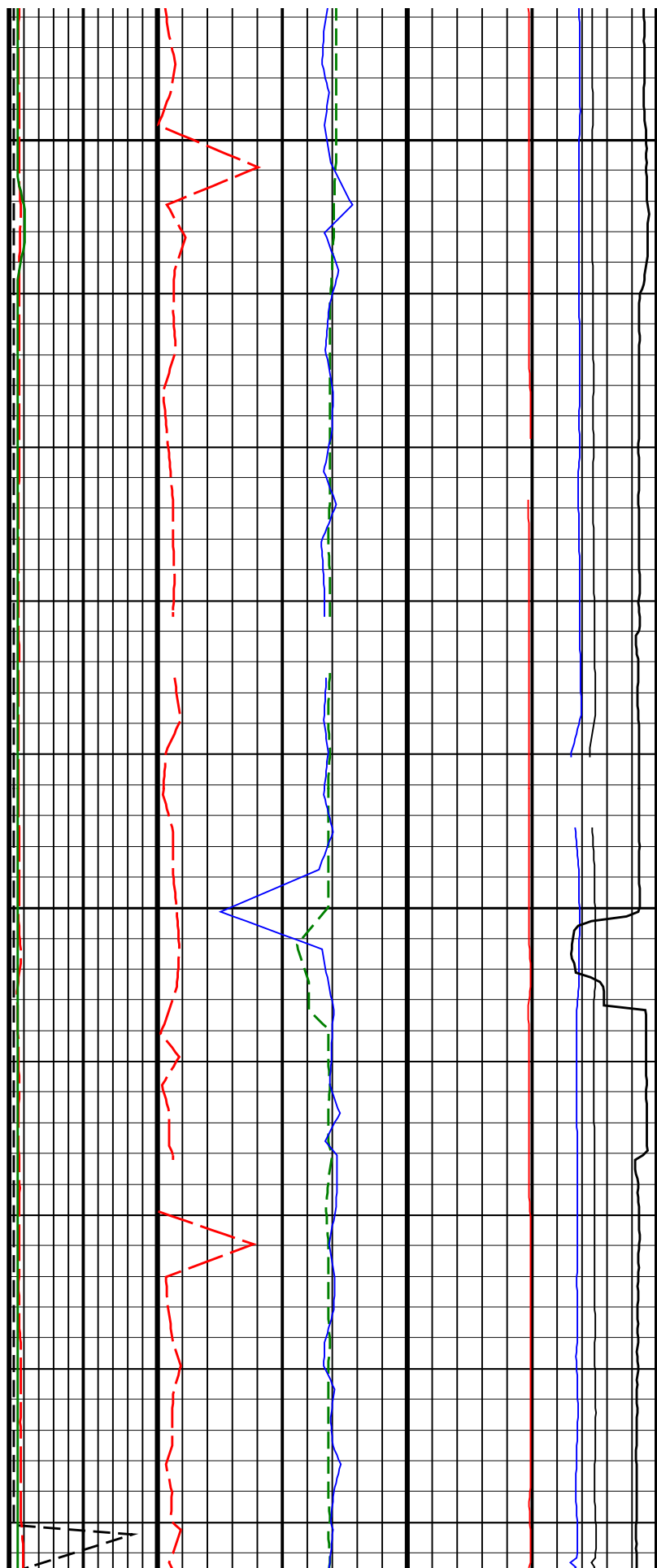
1800

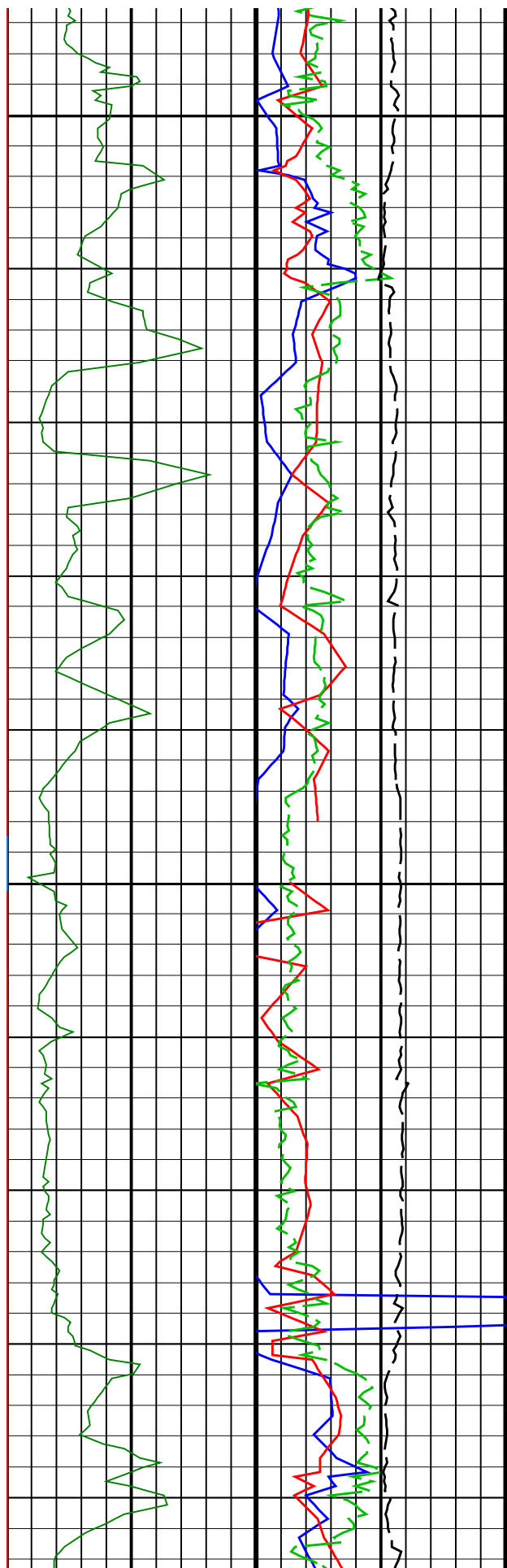




1825

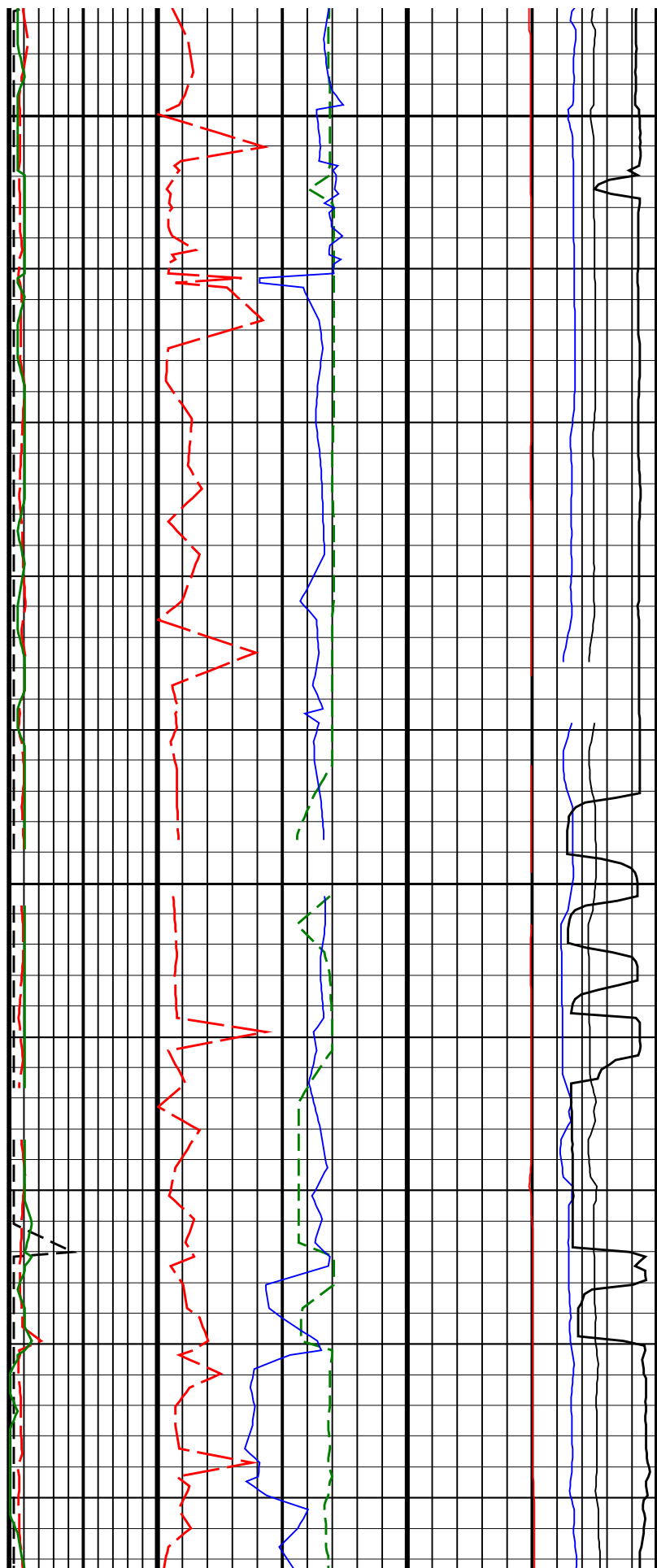
1850

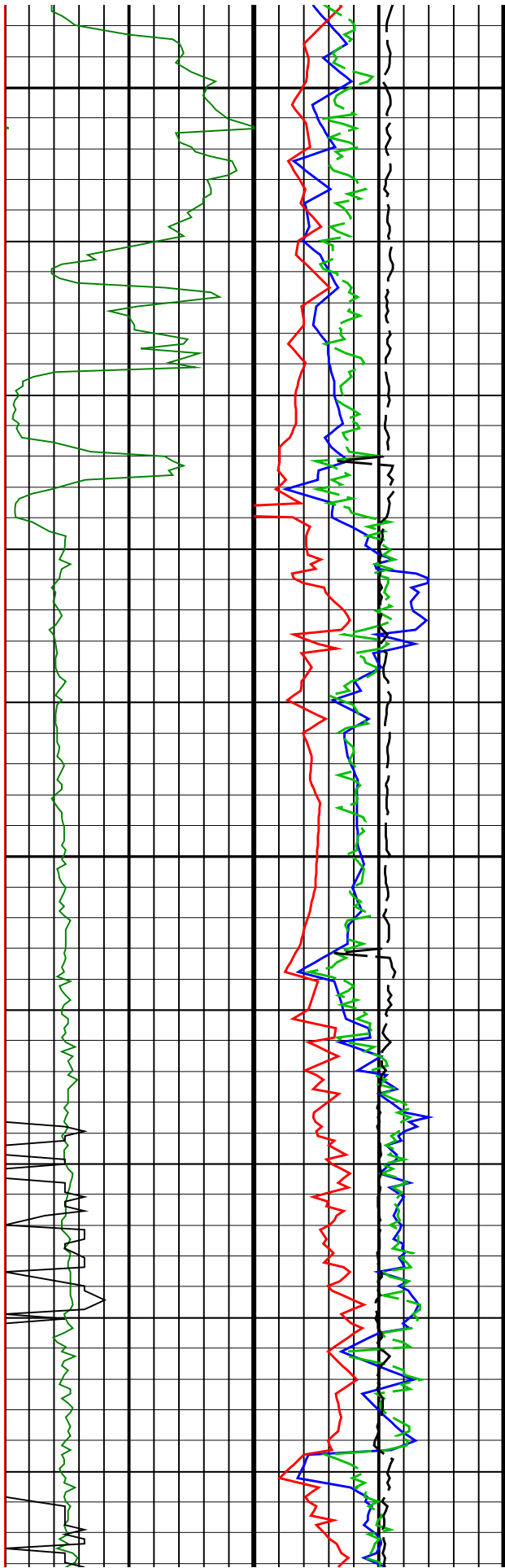




1875

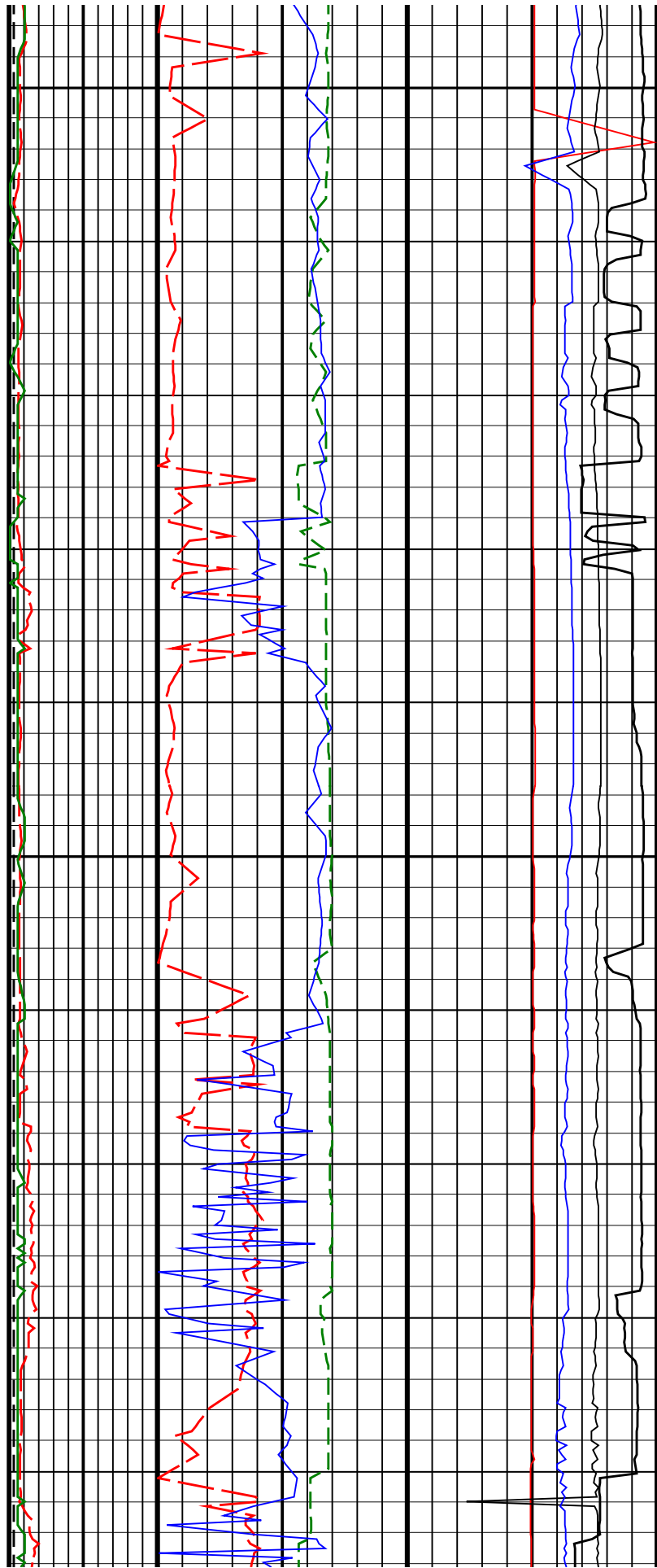
1900

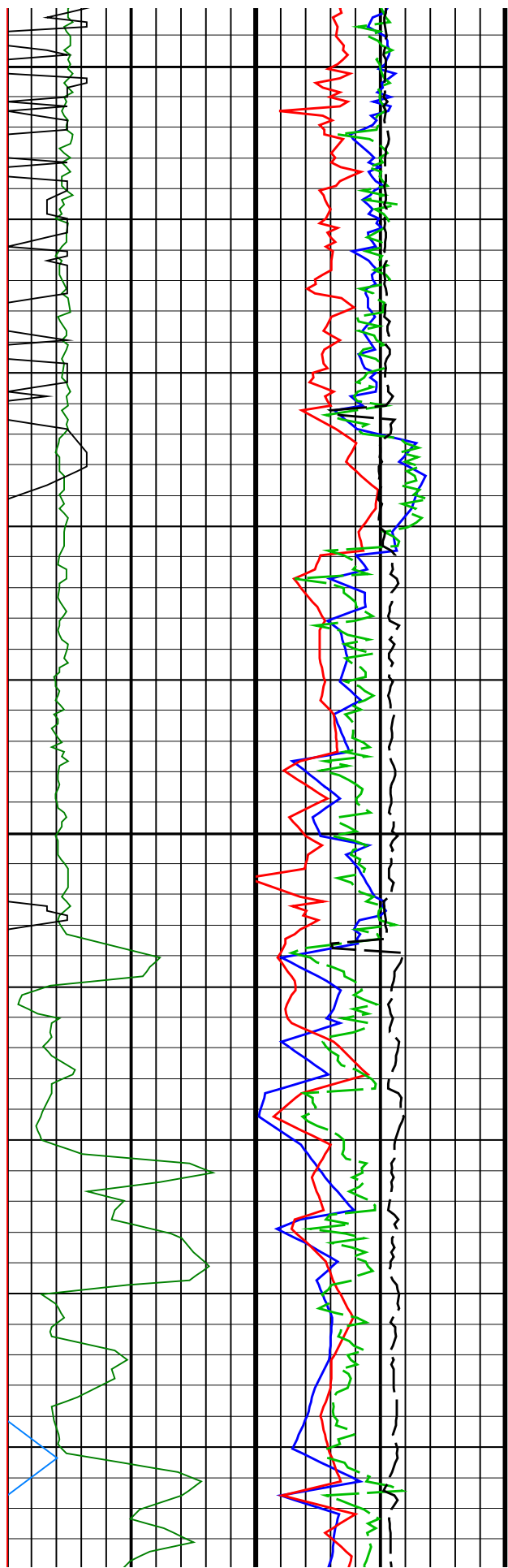




1925

1950

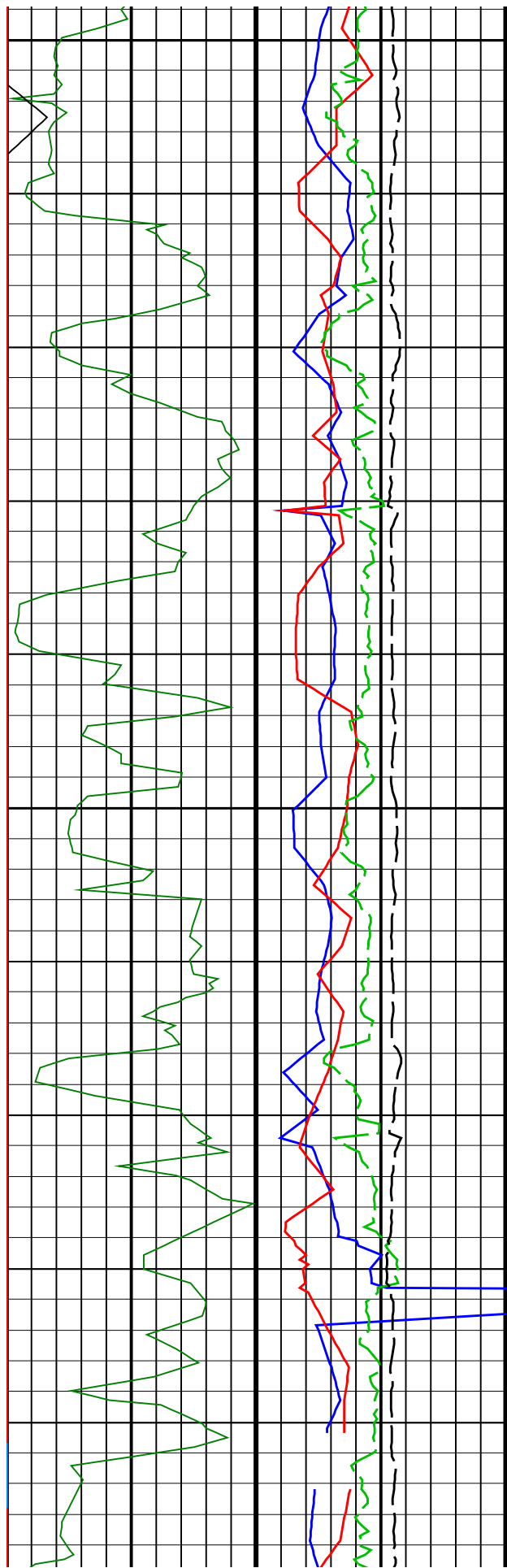




1975

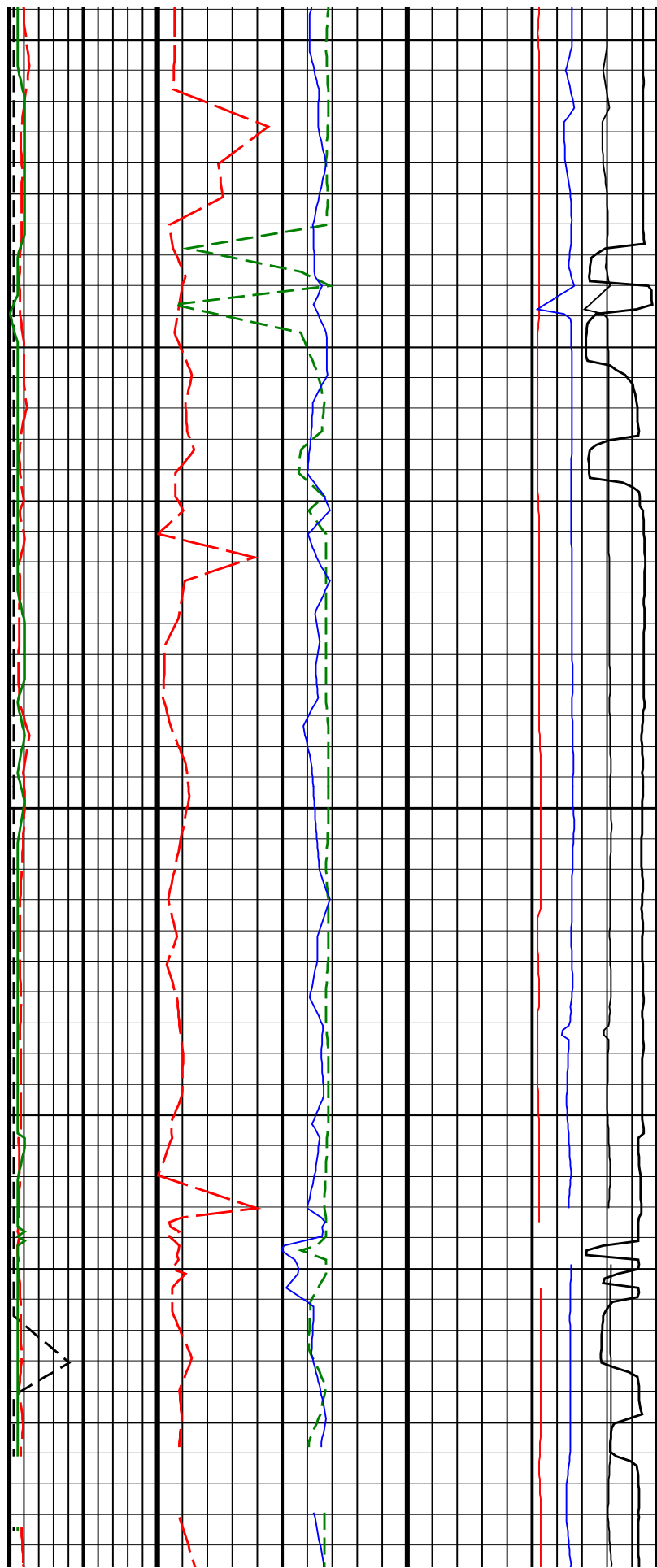
2000

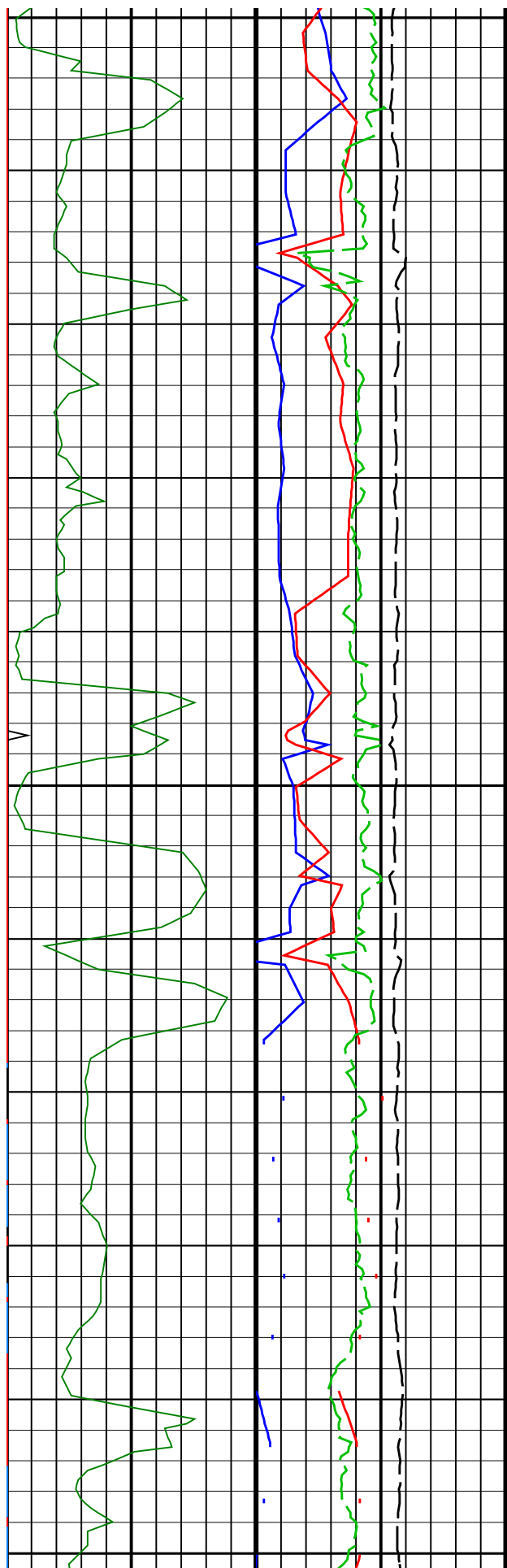




2025

2050

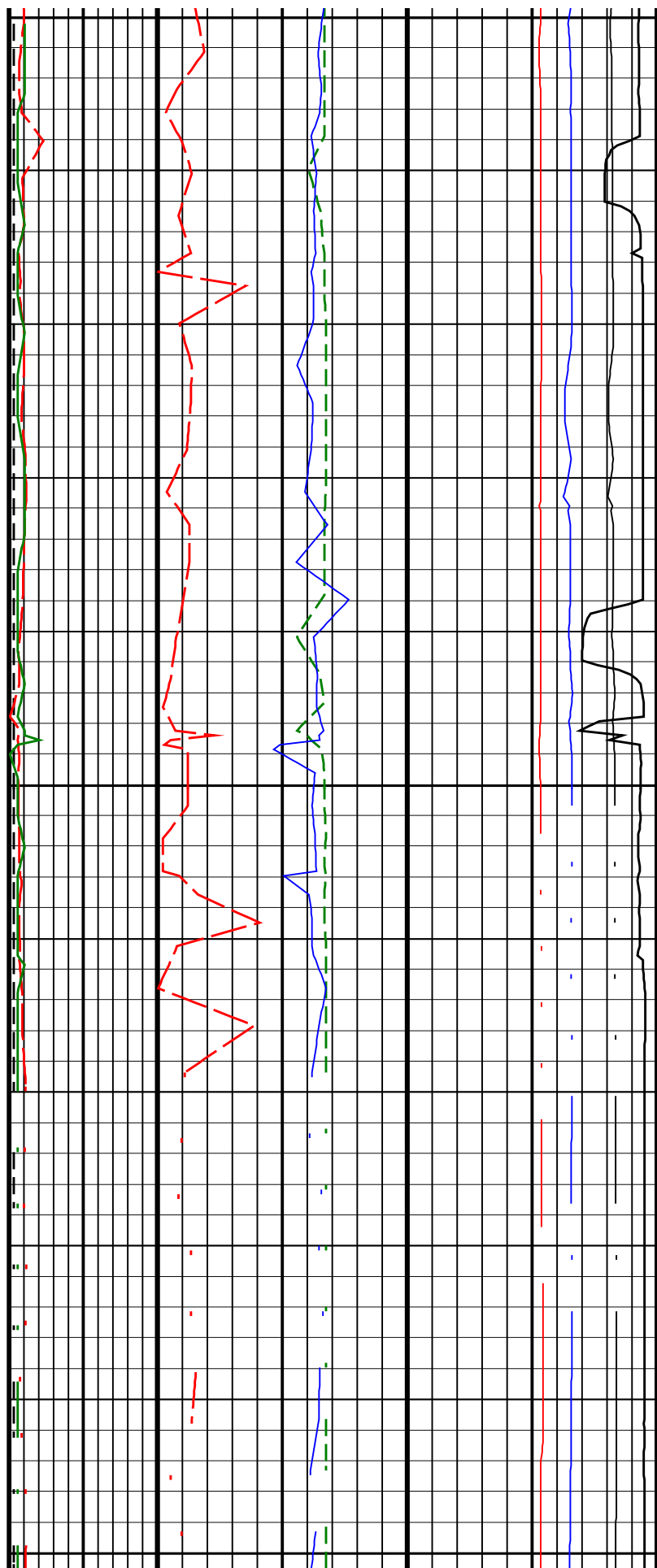


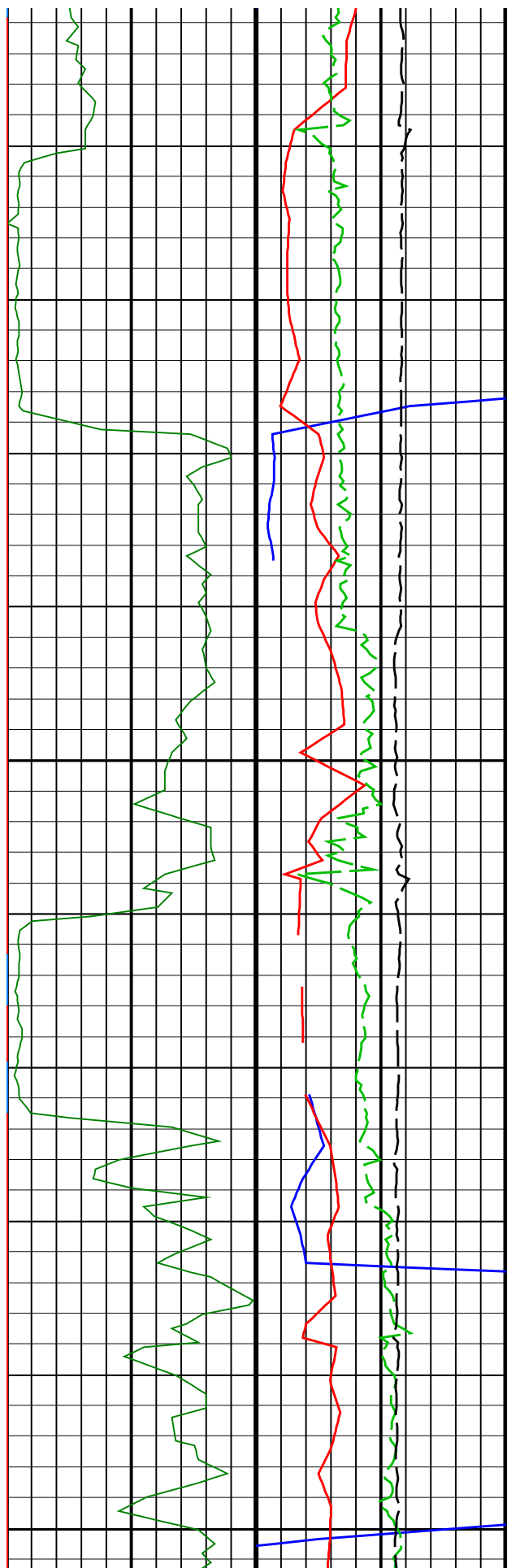


2075

2100

2125

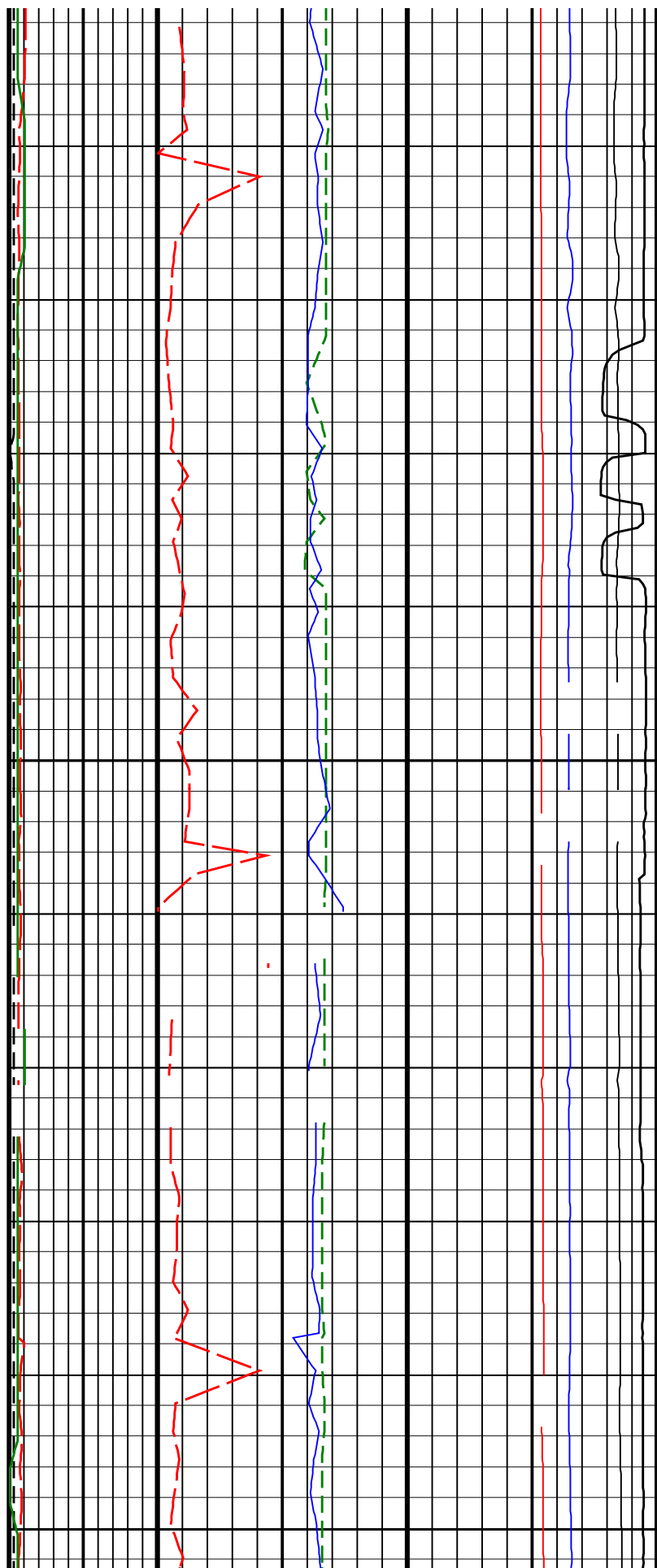


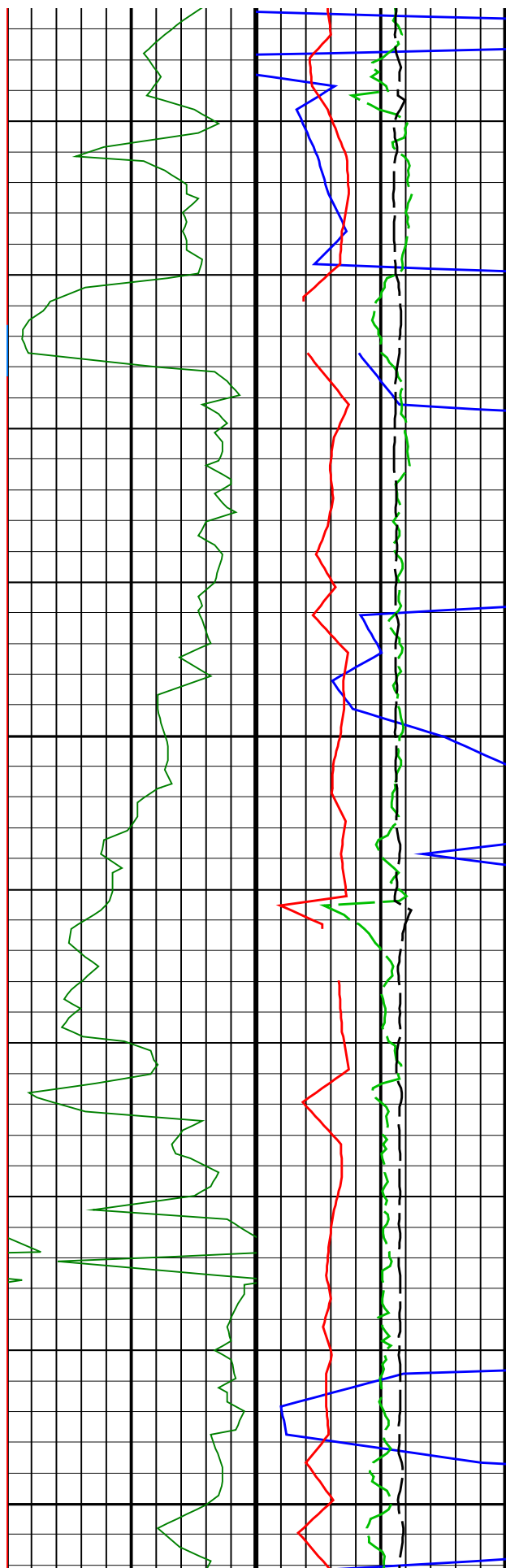


2125

2150

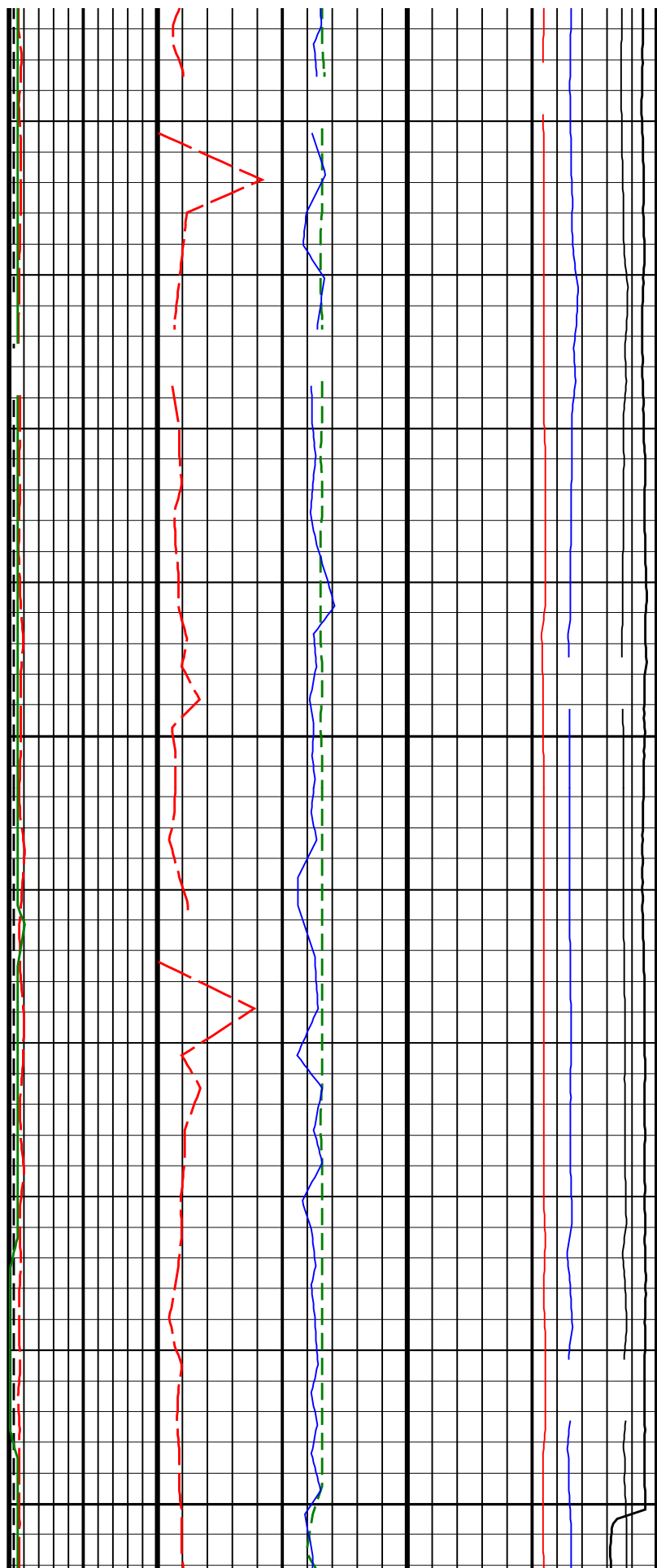
2175

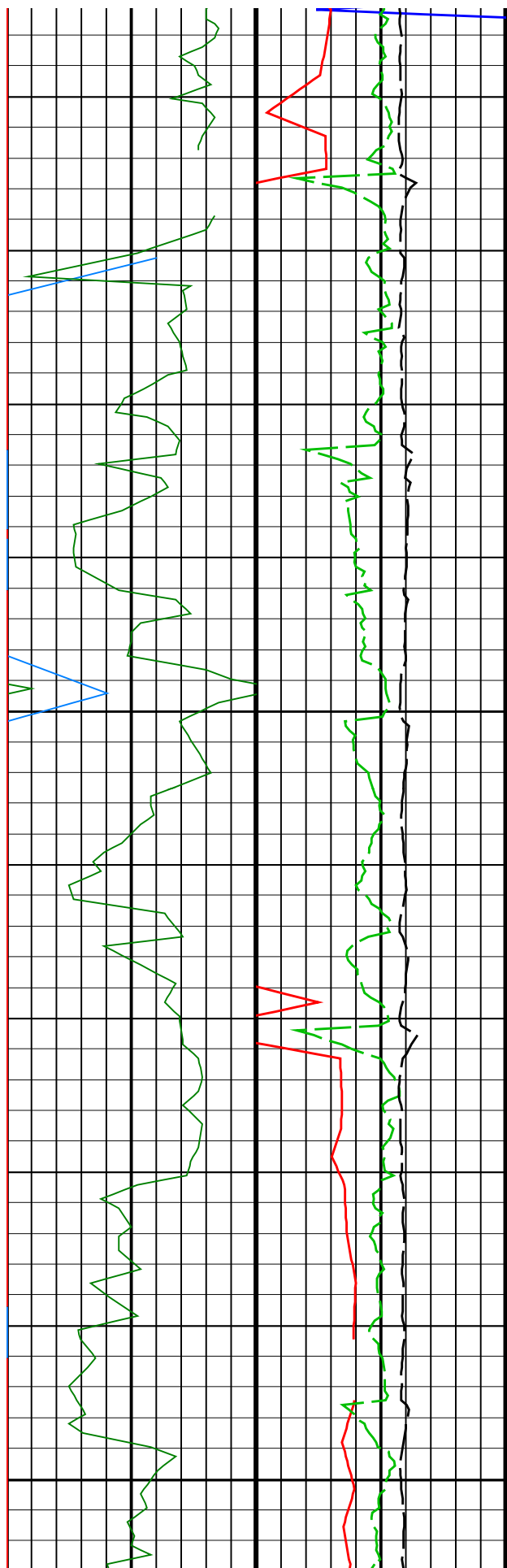




2200

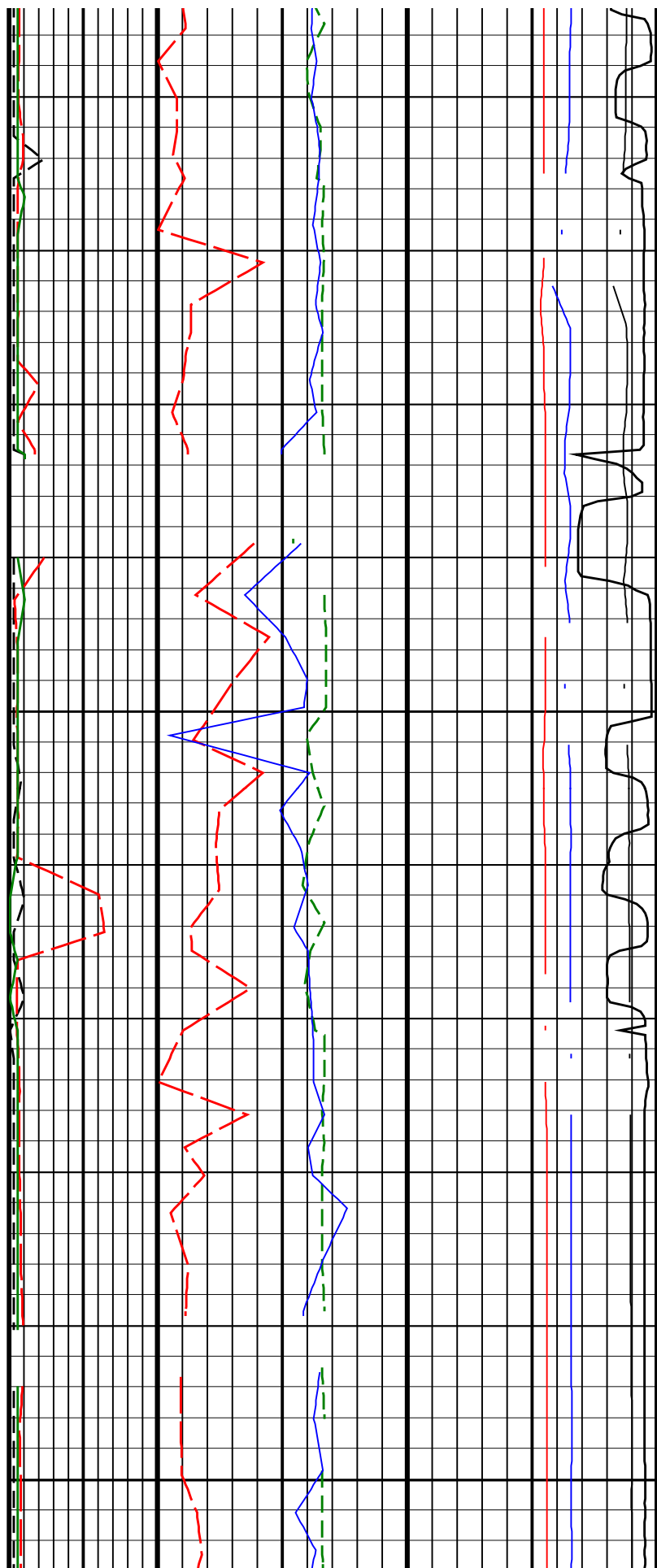
2225

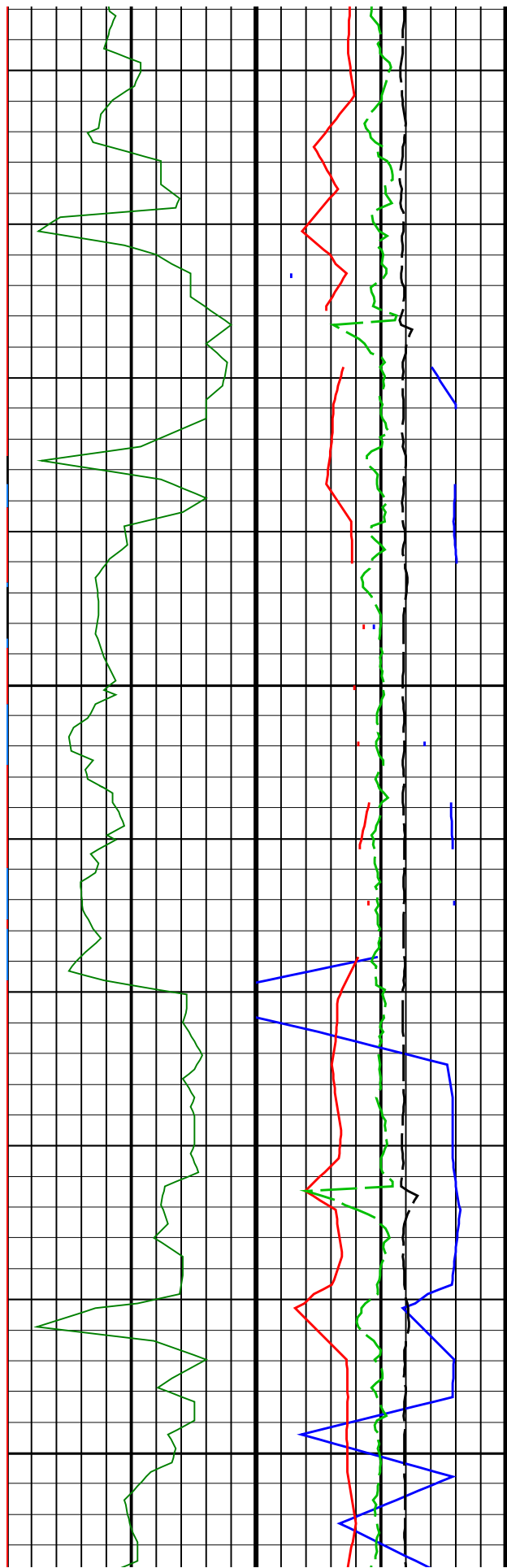




2250

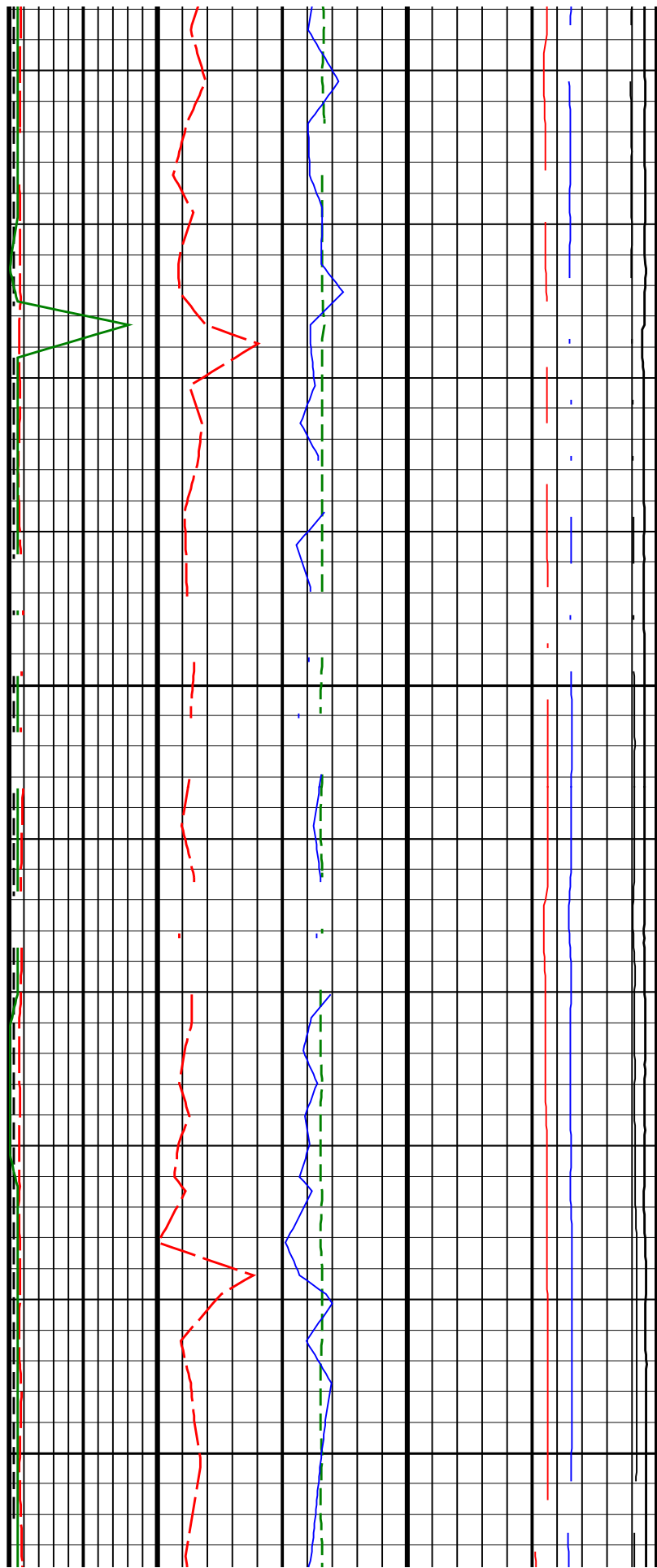
2275

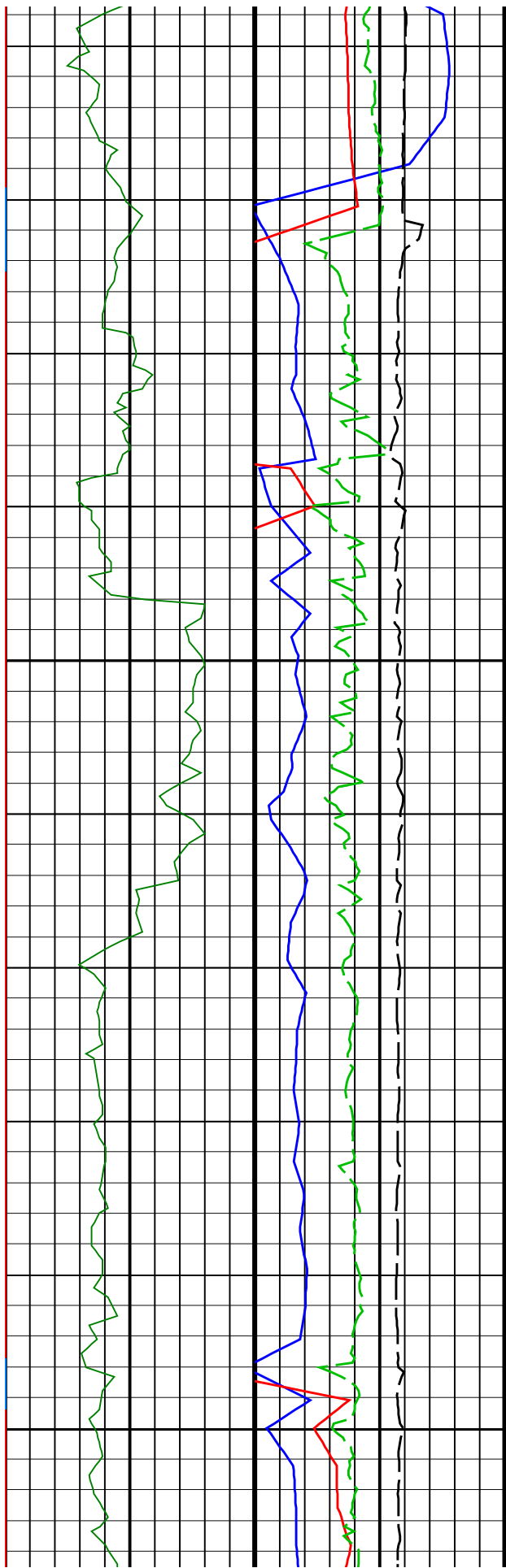




2300

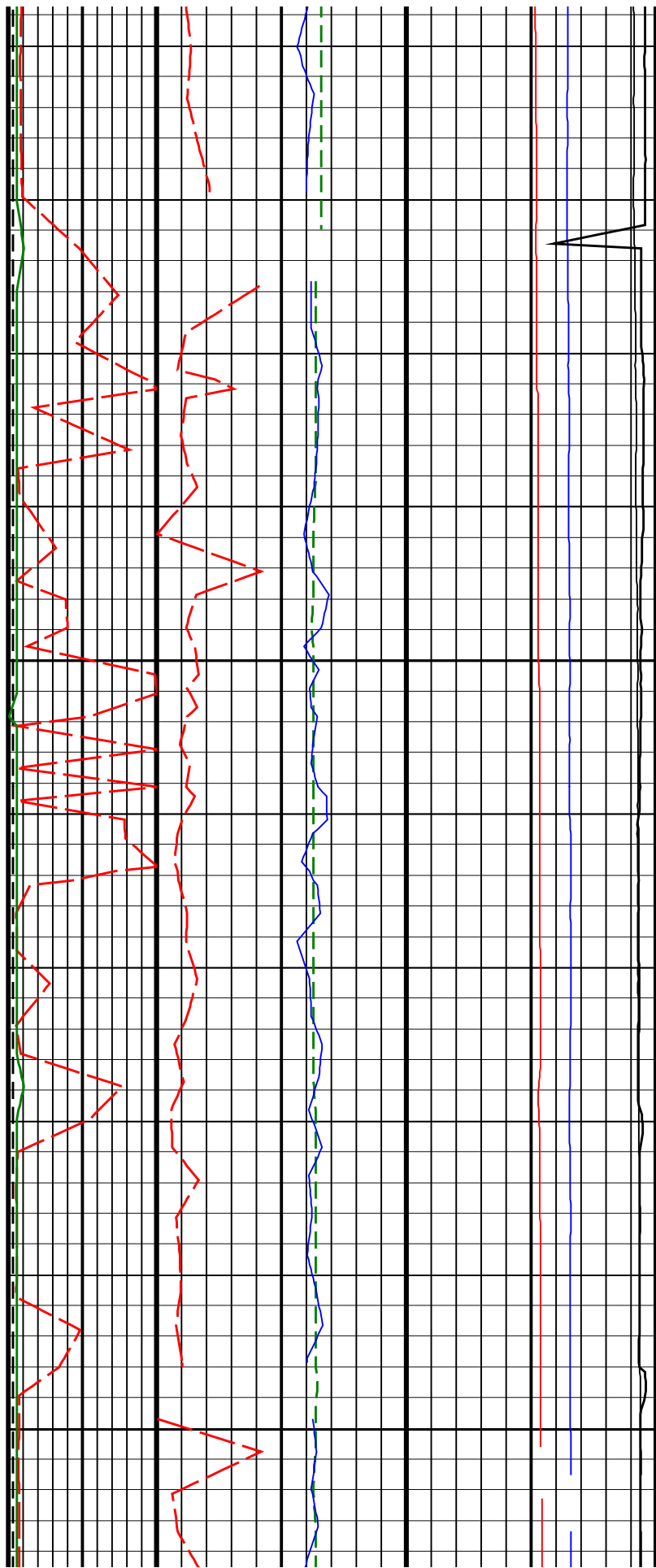
2325

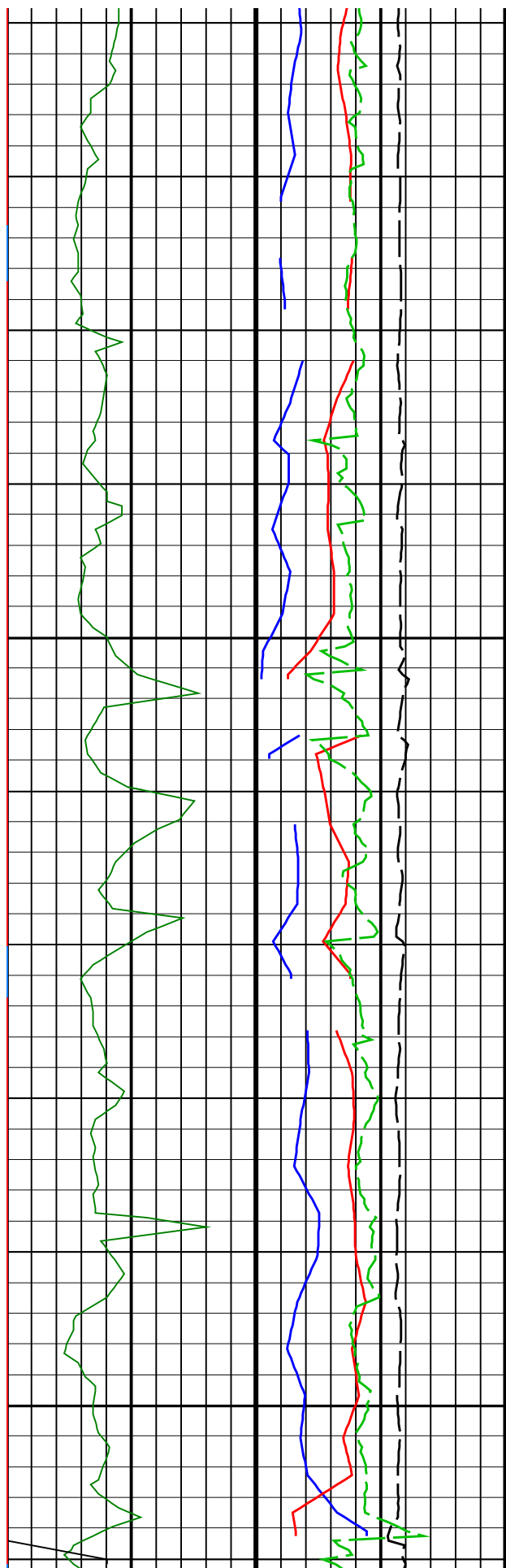




2350

2375

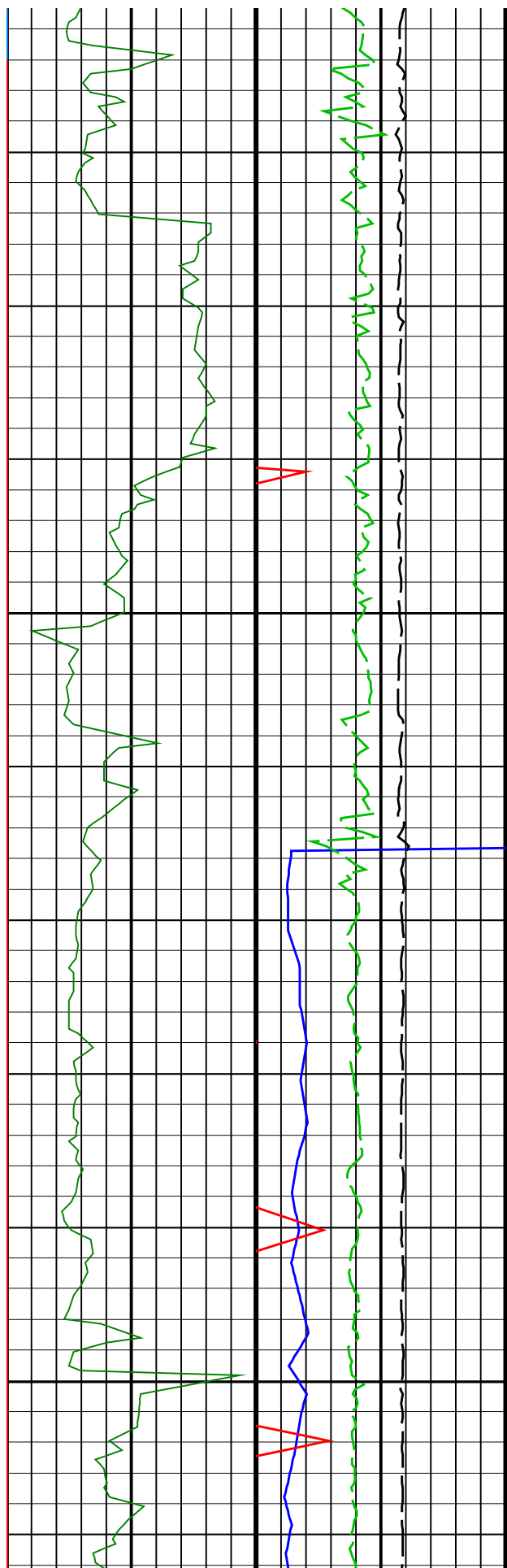




2400

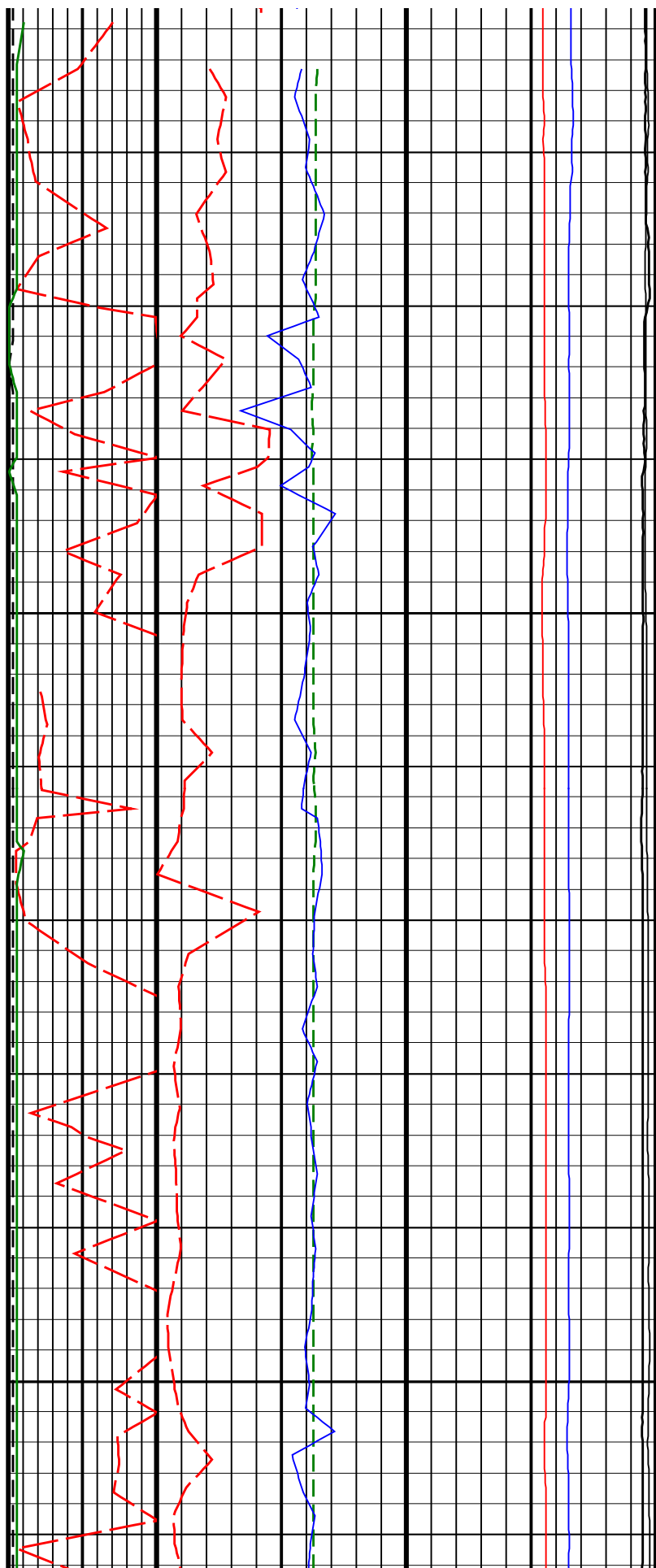
2425

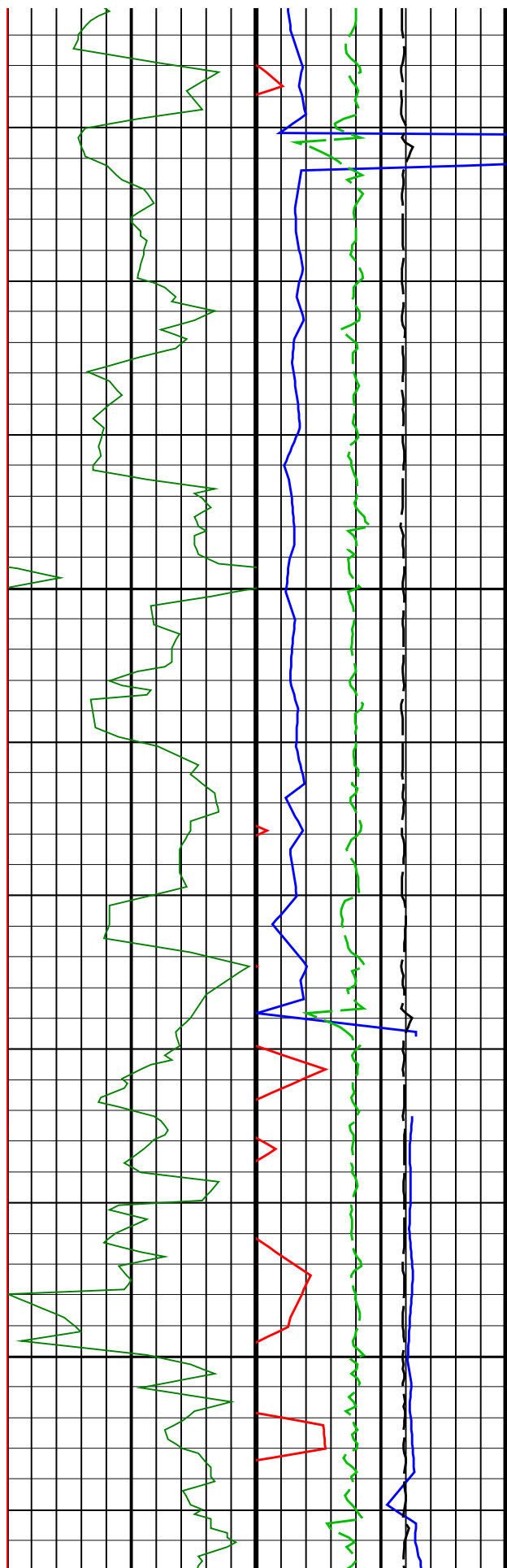




2450

2475

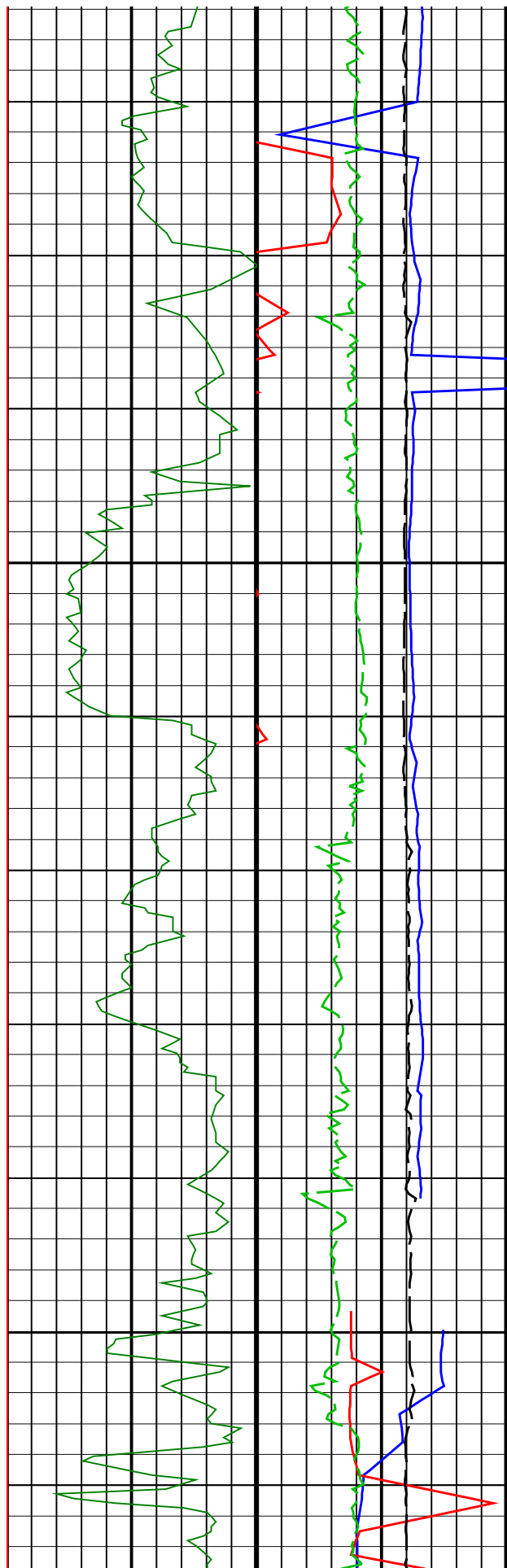




2500

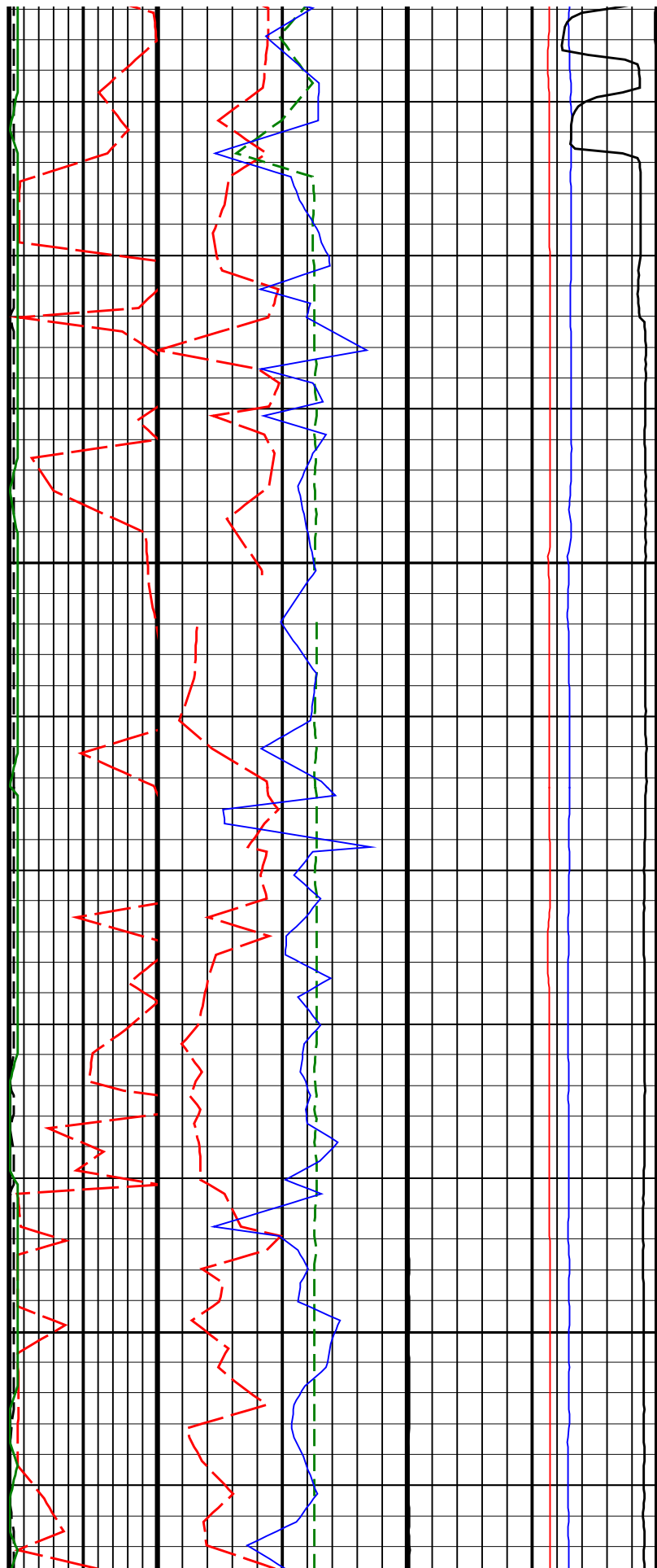


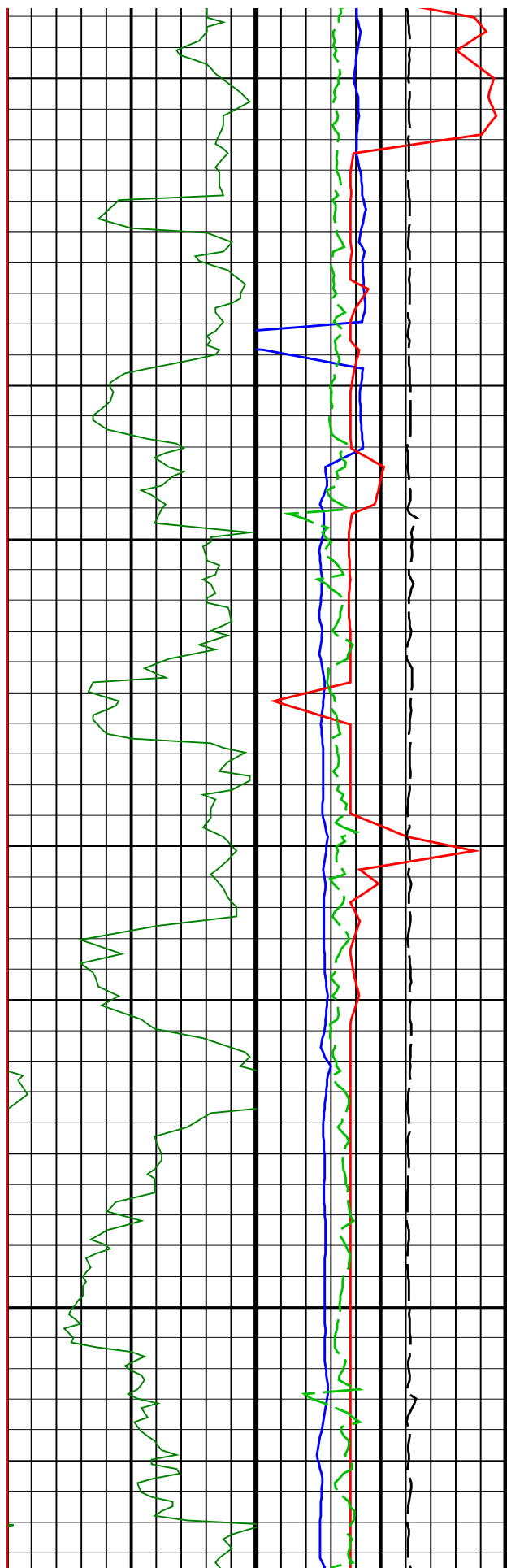
2525



2550

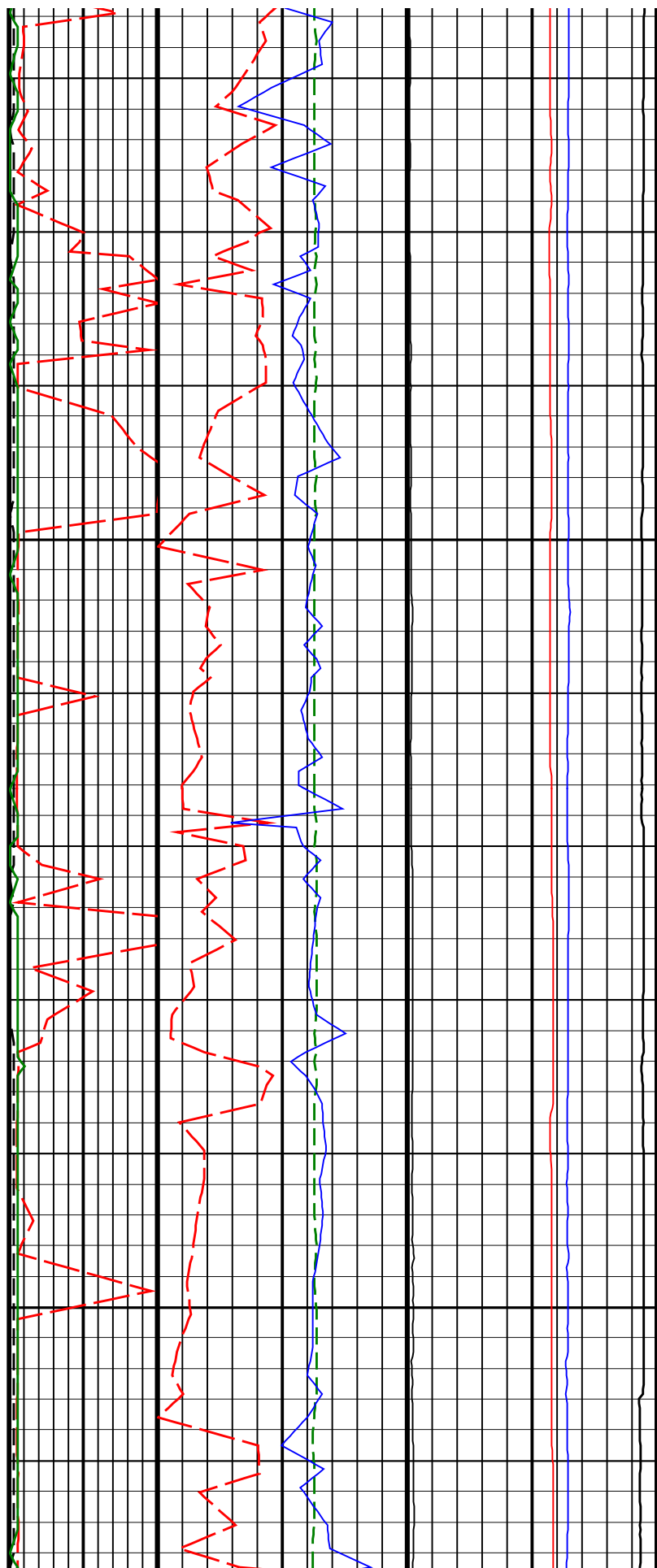
2575

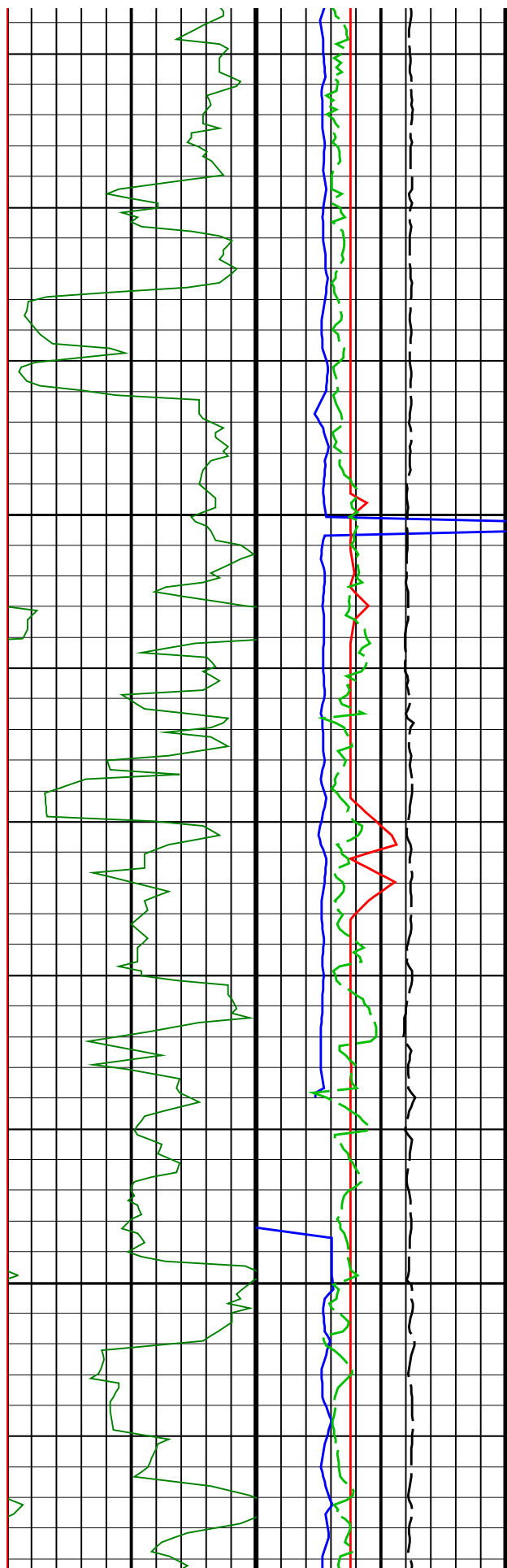




2600

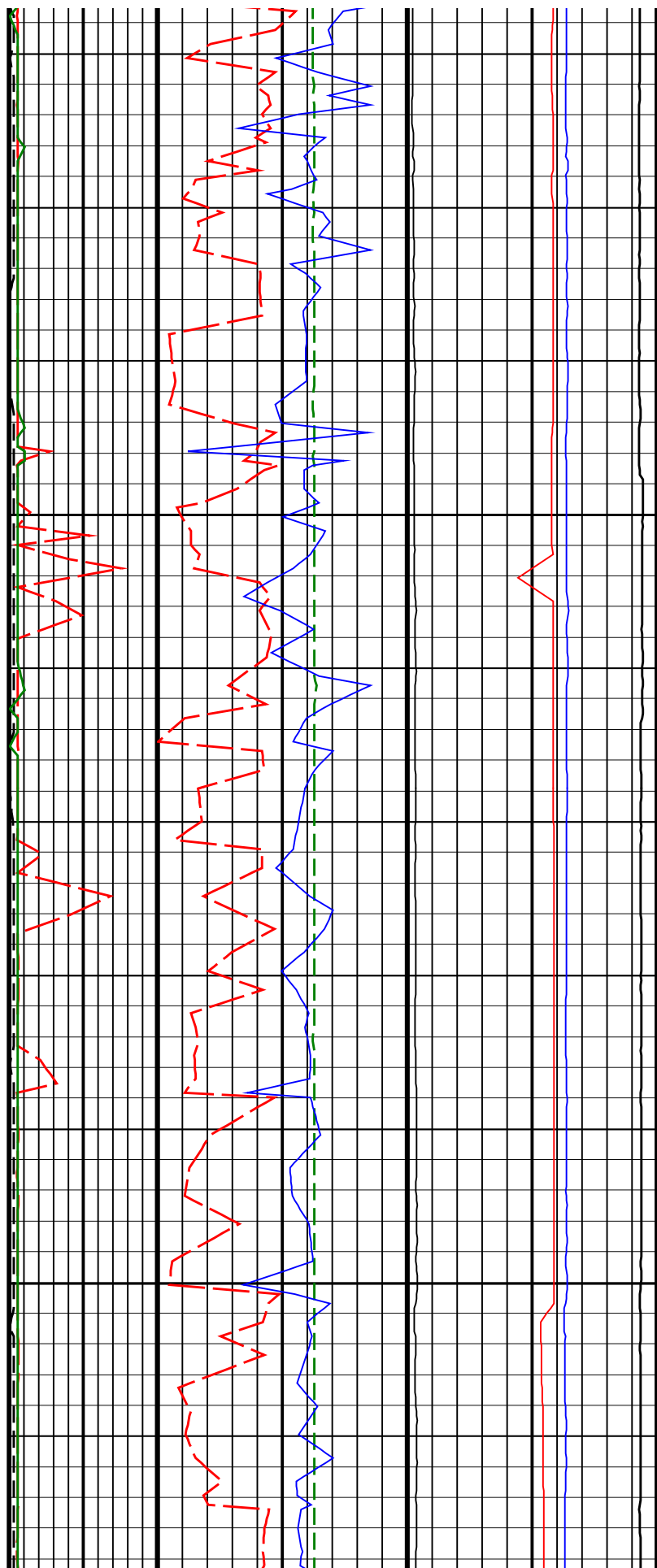
2625

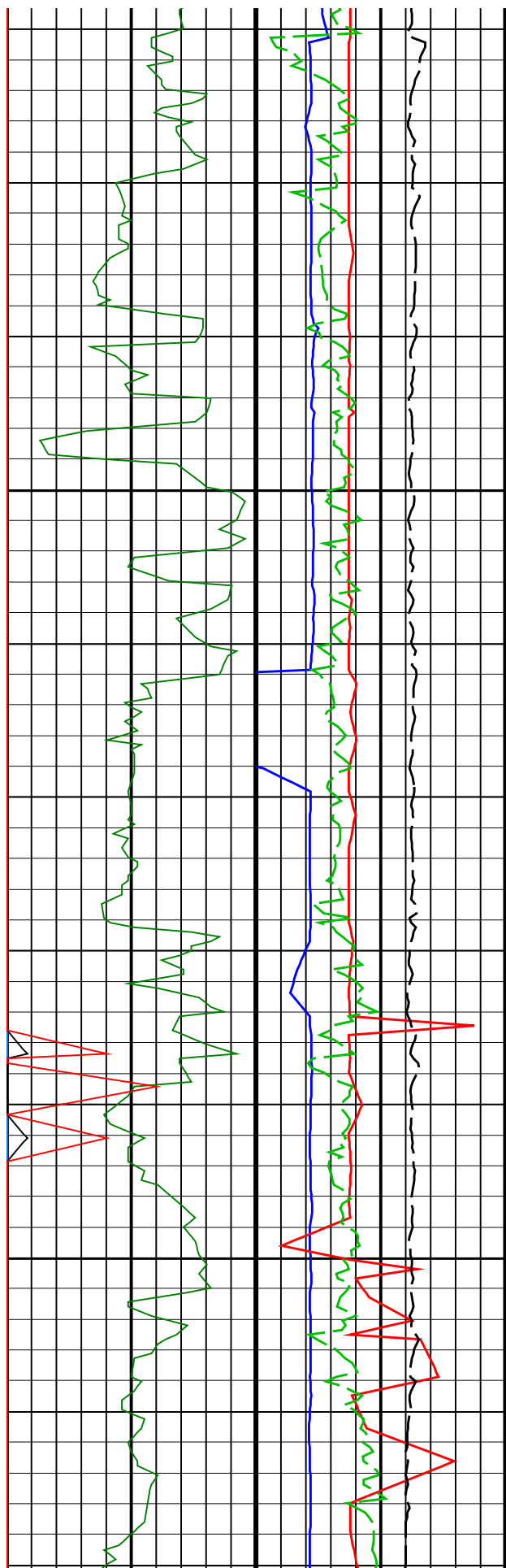




2650

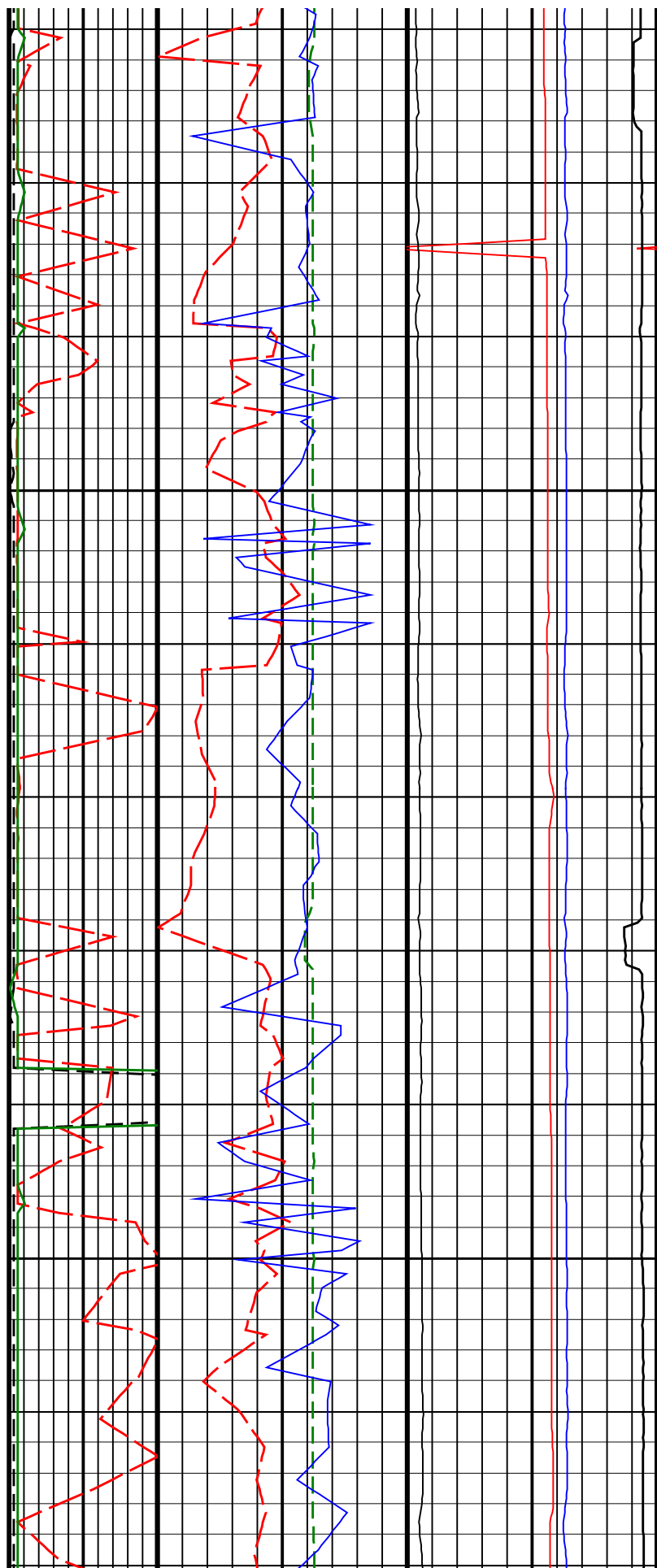
2675

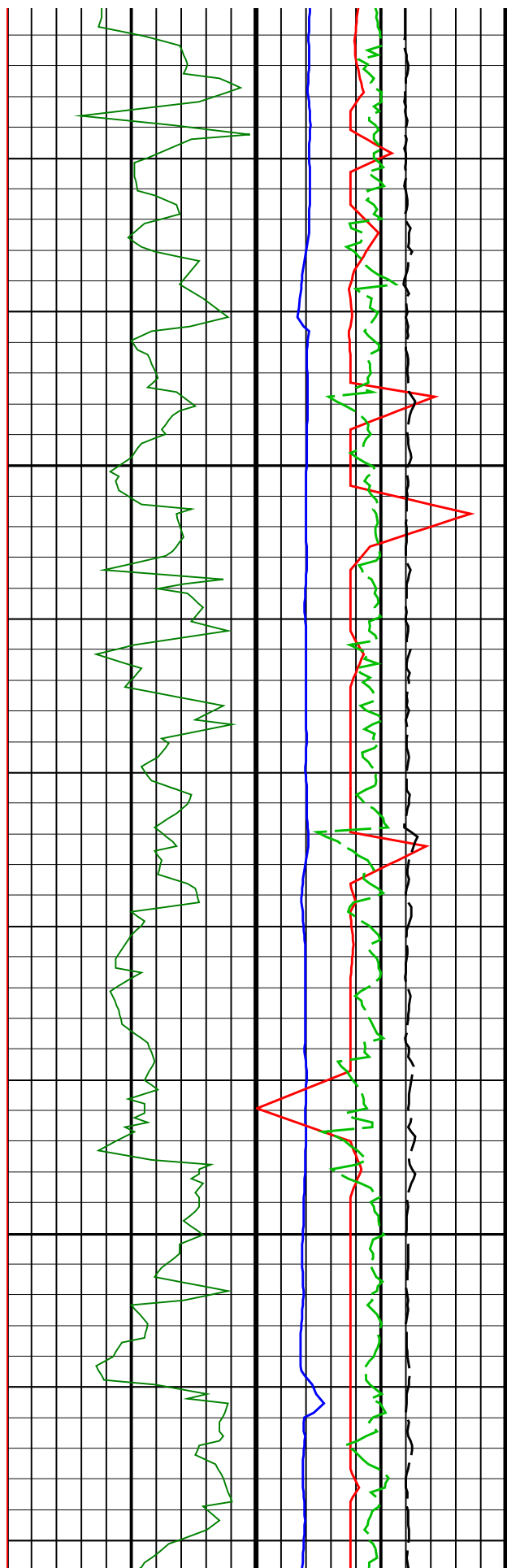




2700

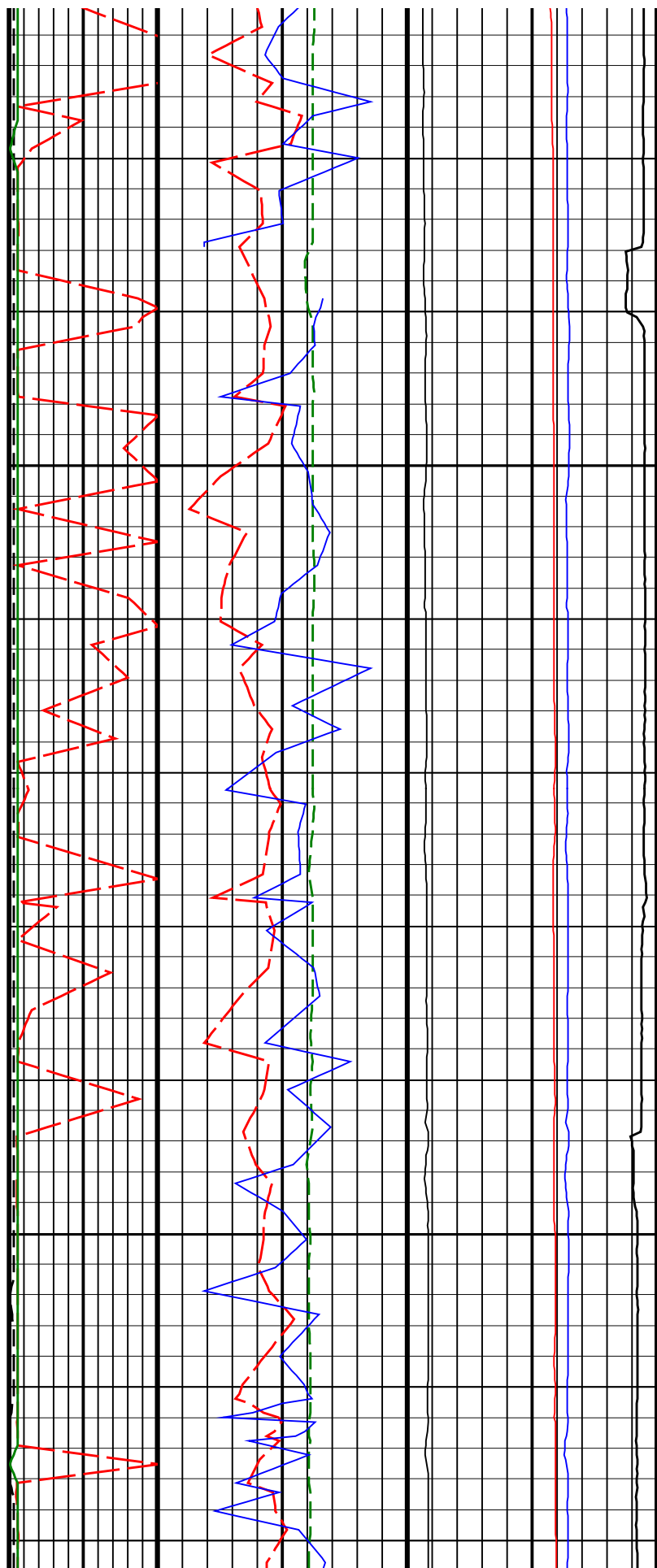
2725

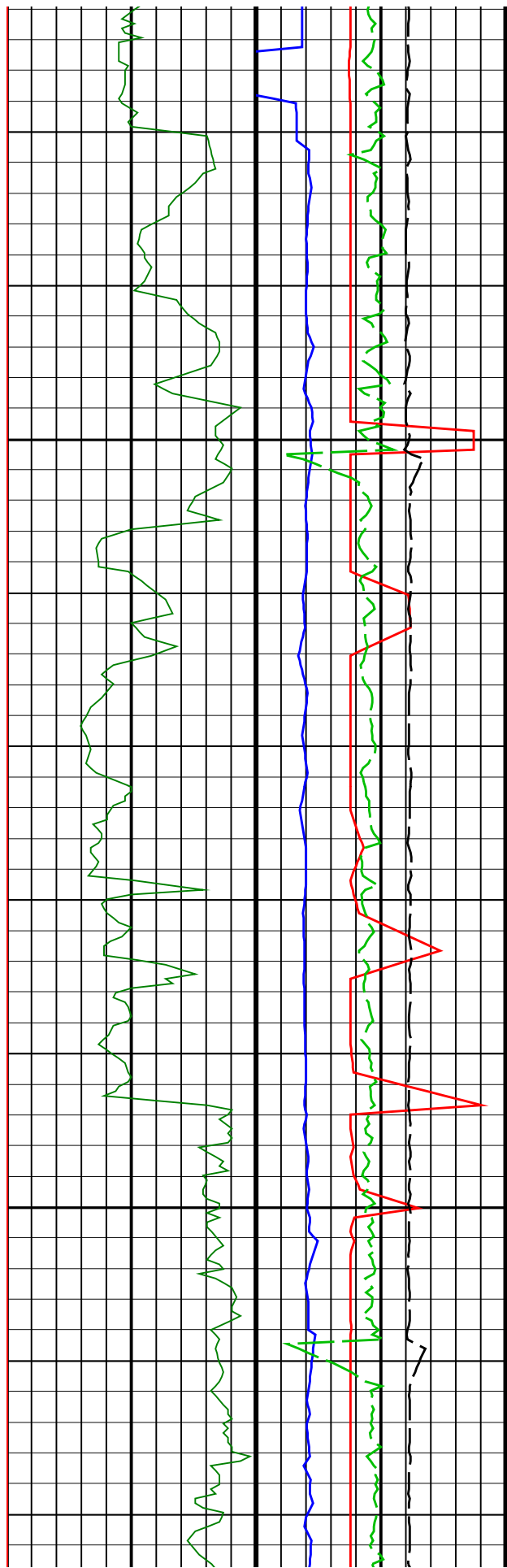




2750

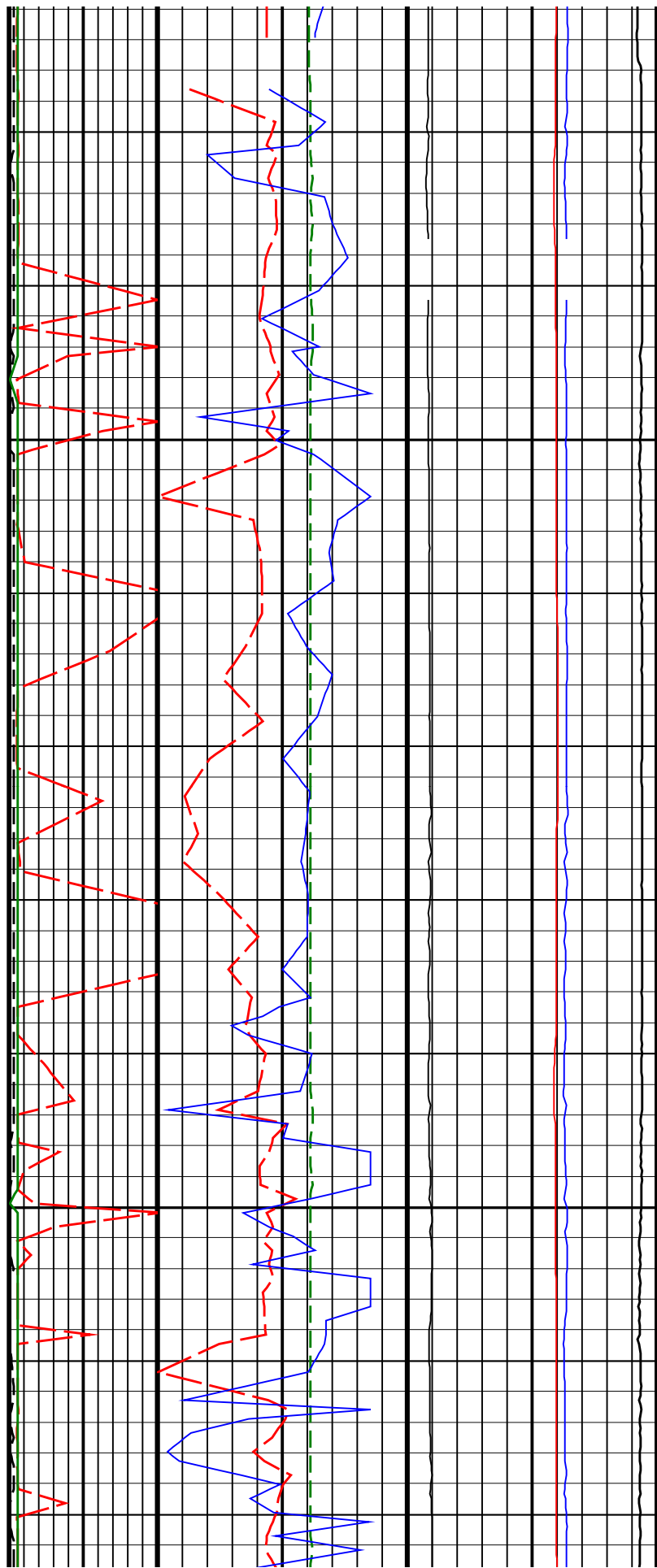
2775

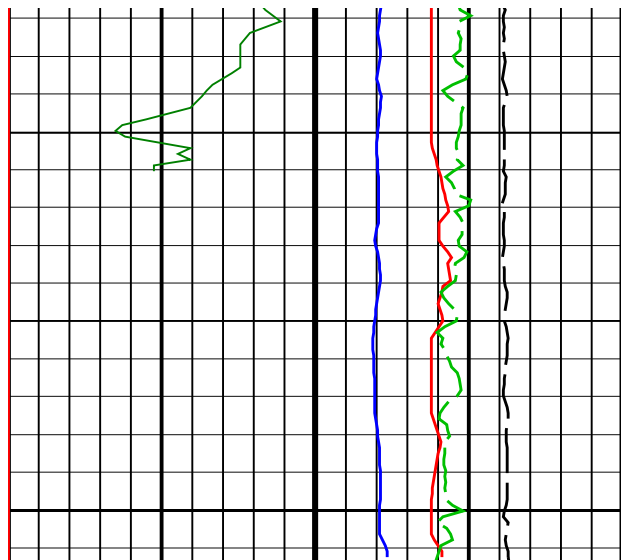




2800

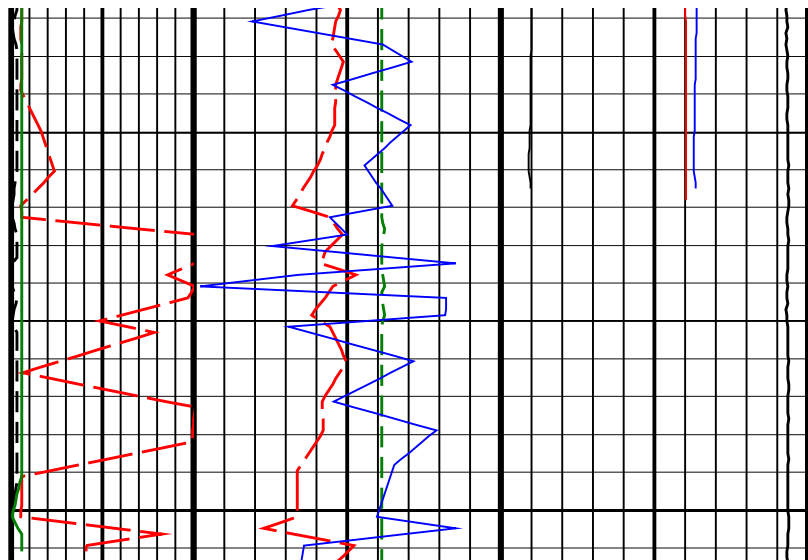
2825





ARC Shock Level, Real-Time (SHK2_RT) 0 (----) 5	DWOB (DWOB_RT) 0 (KLBF) 60
ARC Gamma Ray, Real-Time (ARC_GR_RT) 0 (GAPI) 200	DTOR (DTOR_RT) 0 (KFLB) 20
MWD Shock Peak (SHKPK_RT) 0 (G) 100	SWOB (SWOB) 0 (KLBF) 60
MWD Shock Risk (SHKRSK_RT) 0 (----) 5	HKLD (HKLD) 0 (KLBF) 300

2850



MWD Vib X-Axis (VIBX_RT) 0 (G) 5	PKPK_RPM (Stick_RT) 0 (RPM) 600	ARC Annulus Temperature (ATMP_RT) 0 (DEGC) 200
MWD Torsional Vib (VIBTOR_RT) 0 (G) 5000	TUR_RPM (TRPM_RT) 0 (RPM) 5000	ARC Annulus Pressure (APRS_RT) 0 (PSI) 5000
MWD Lateral Vib (VIBLAT_RT) 0 (G) 5	MWD Collar RPM (CRPM_RT) 0 (RPM) 300	ARC Equivalent Circulating density (ECD_ ARC_RT) 5 (LB/G) 15
		PUMPPRS (SPPA) 0 (PSI) 5000