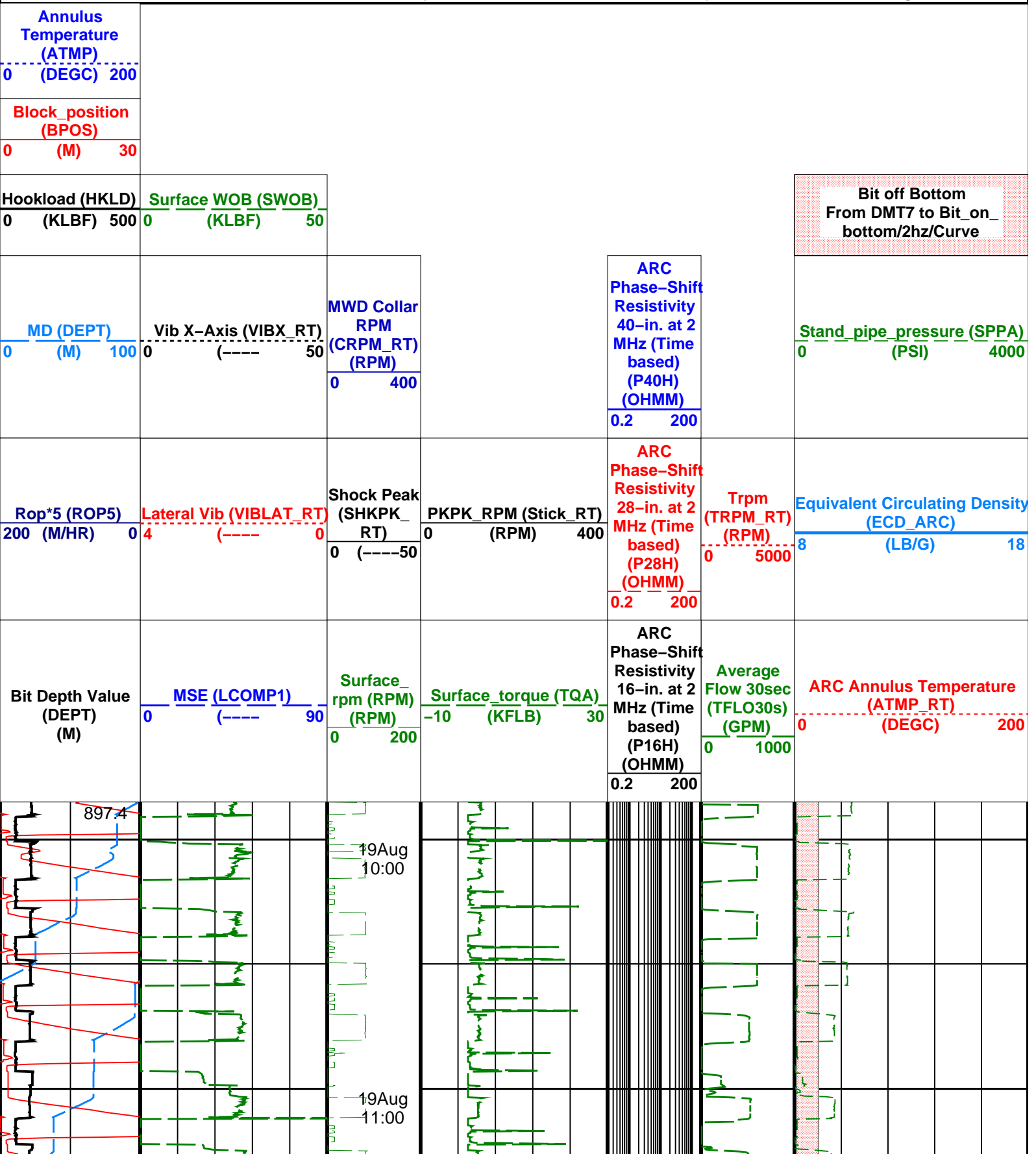
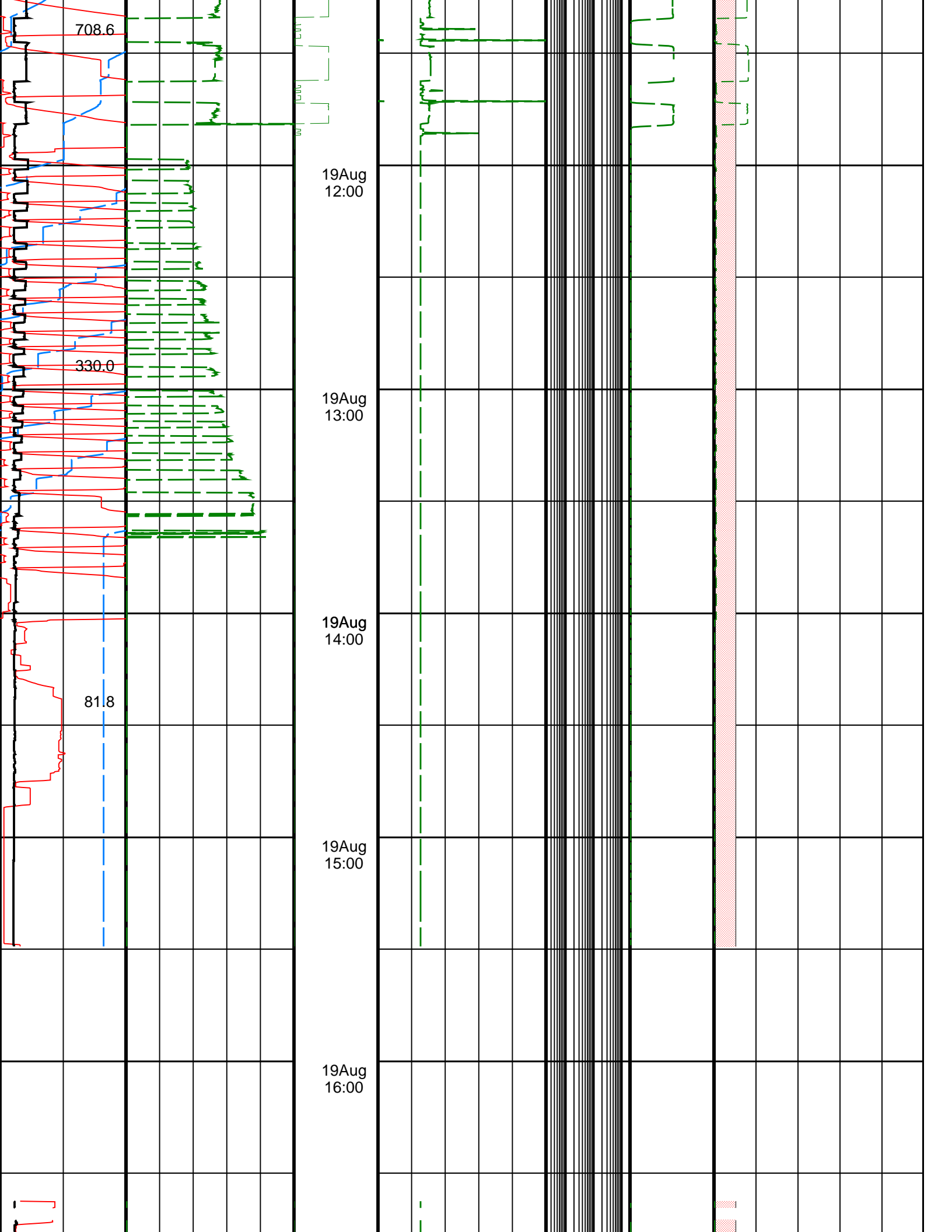


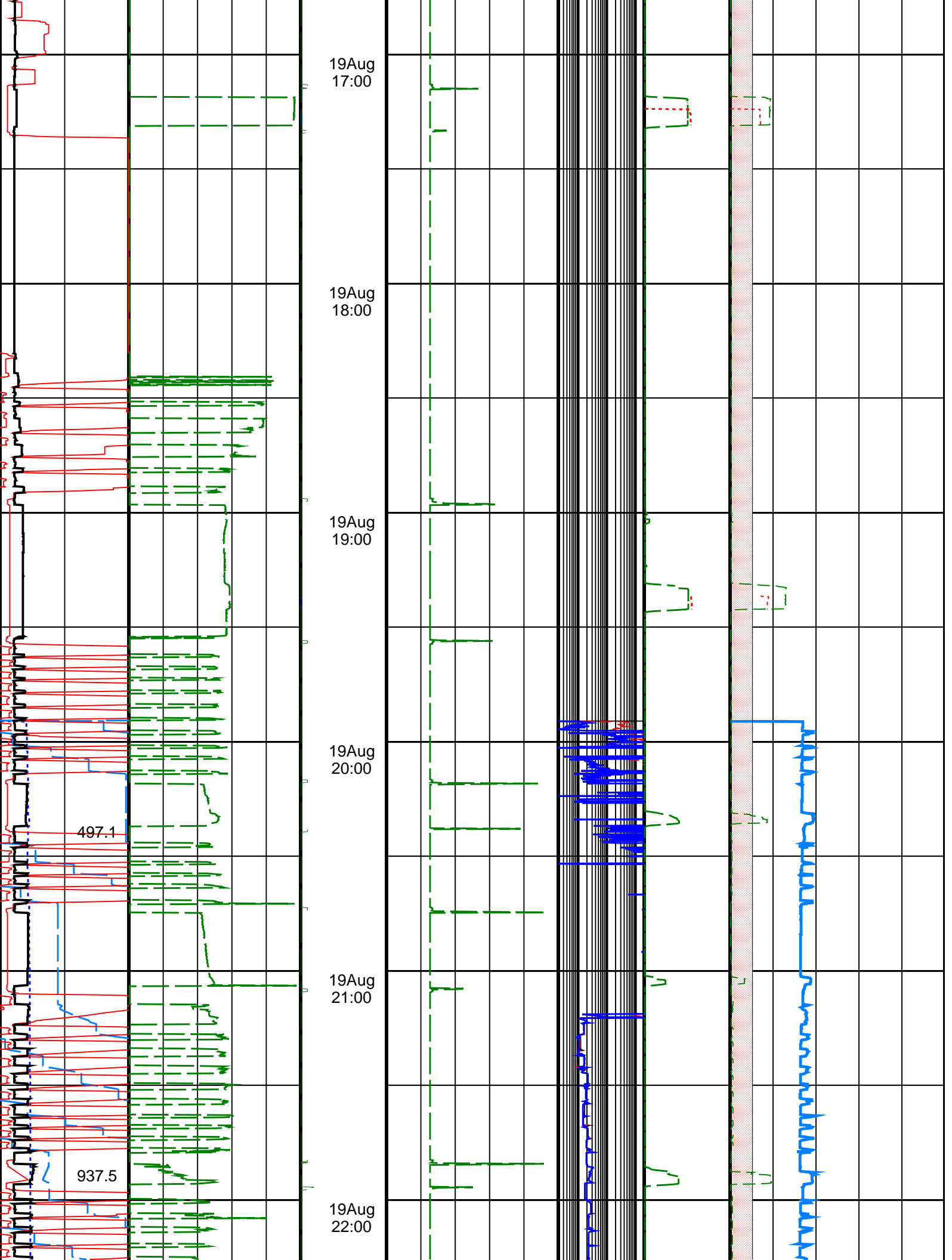
CBA A15B – Run #4 Time based Drilling mechanics

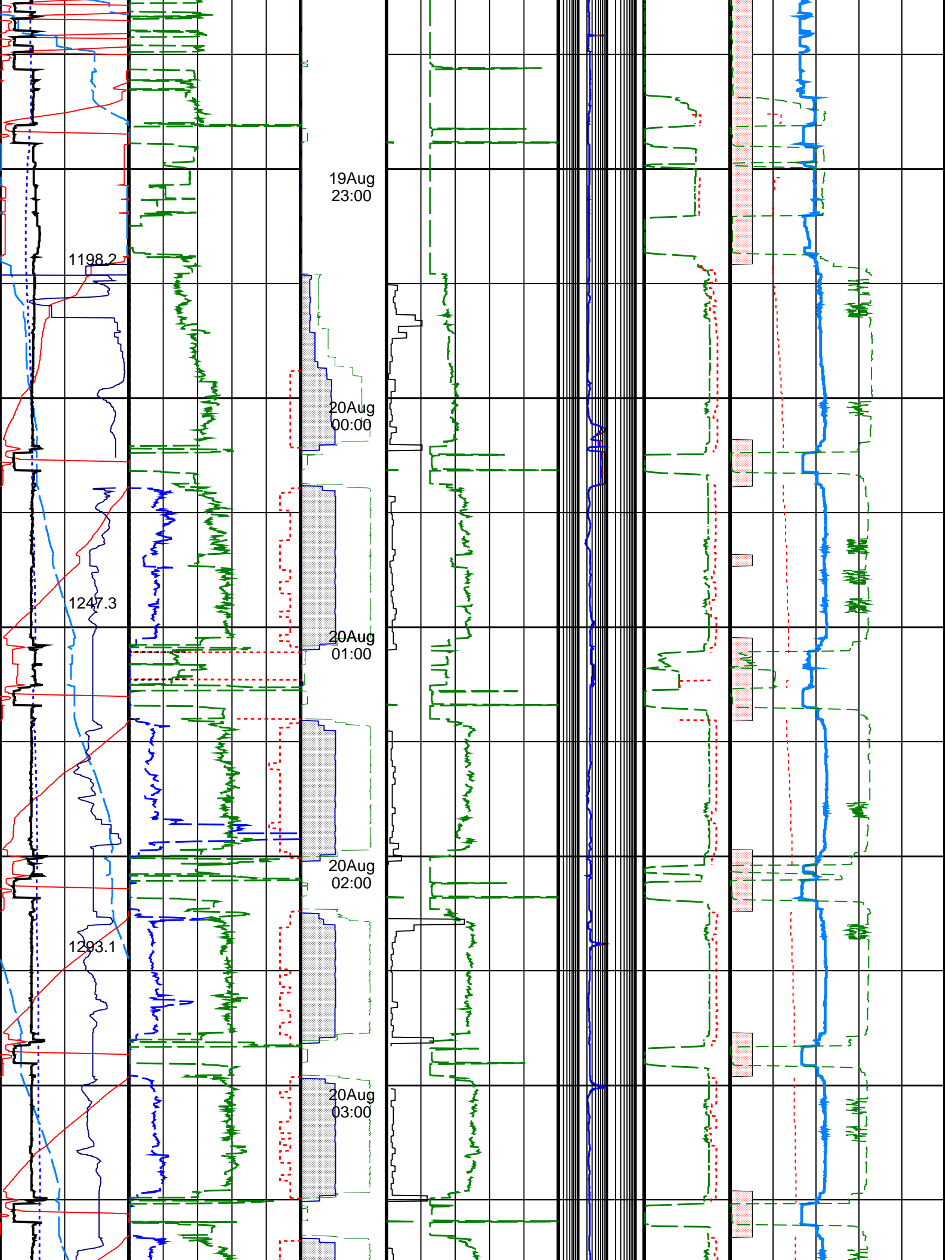
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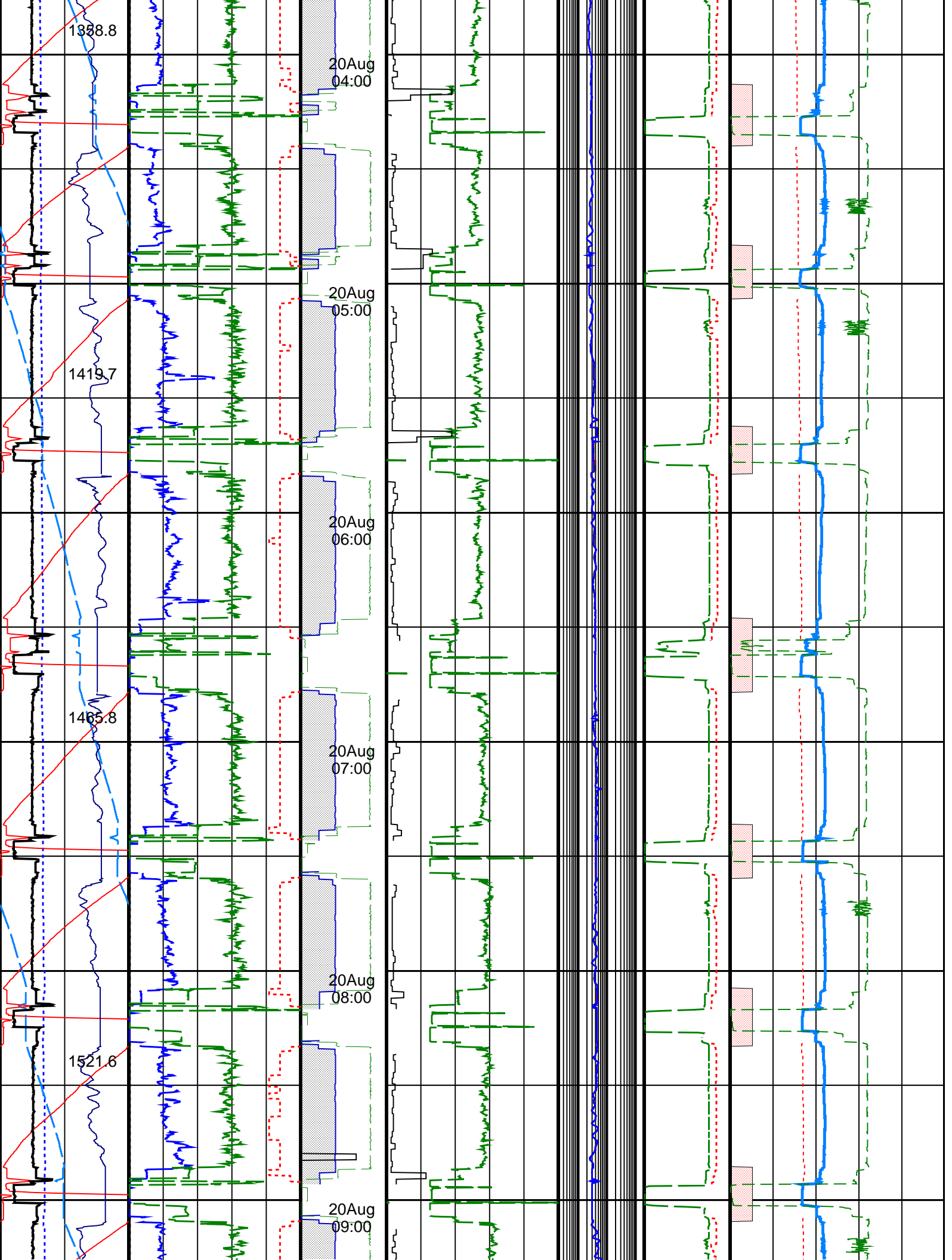
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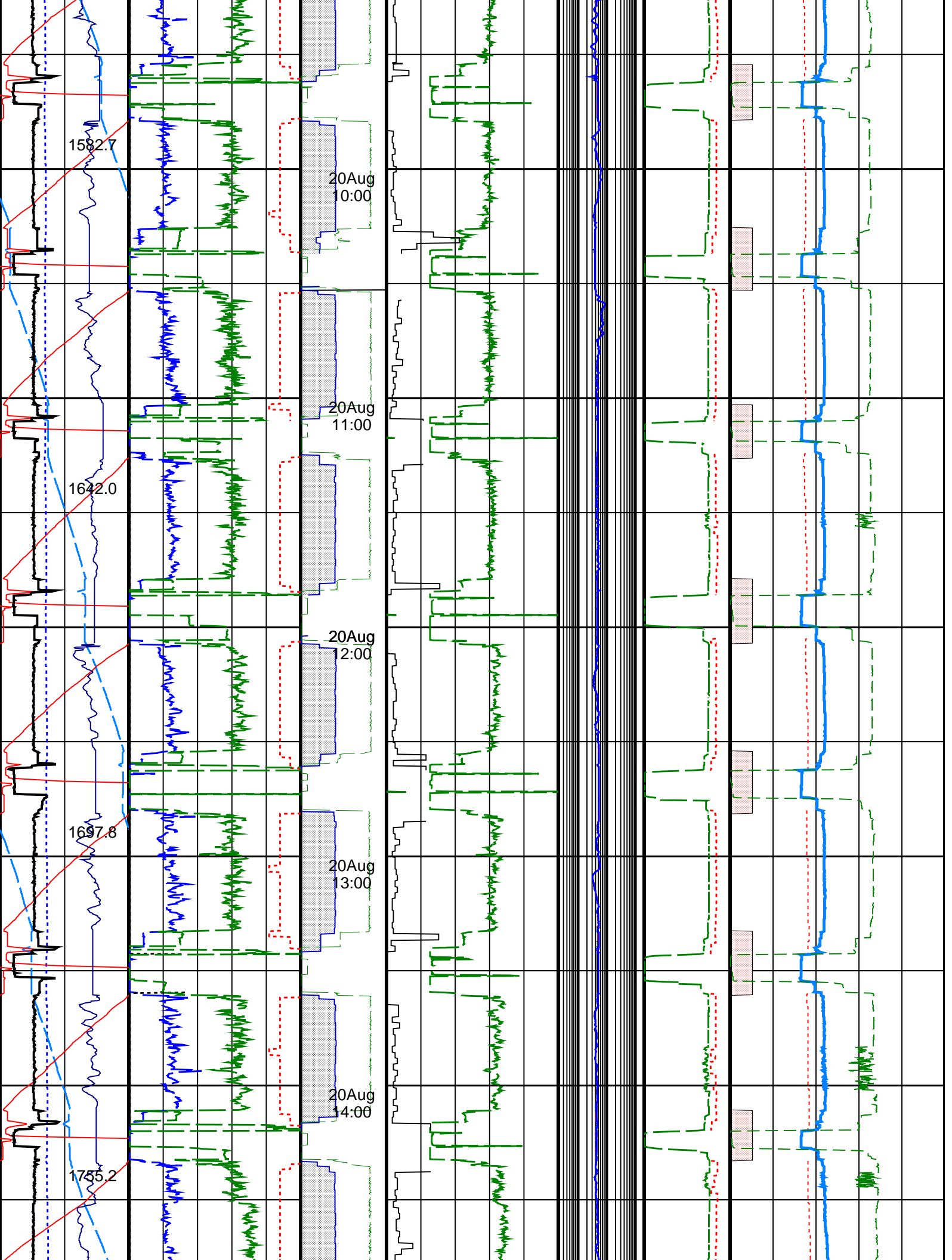


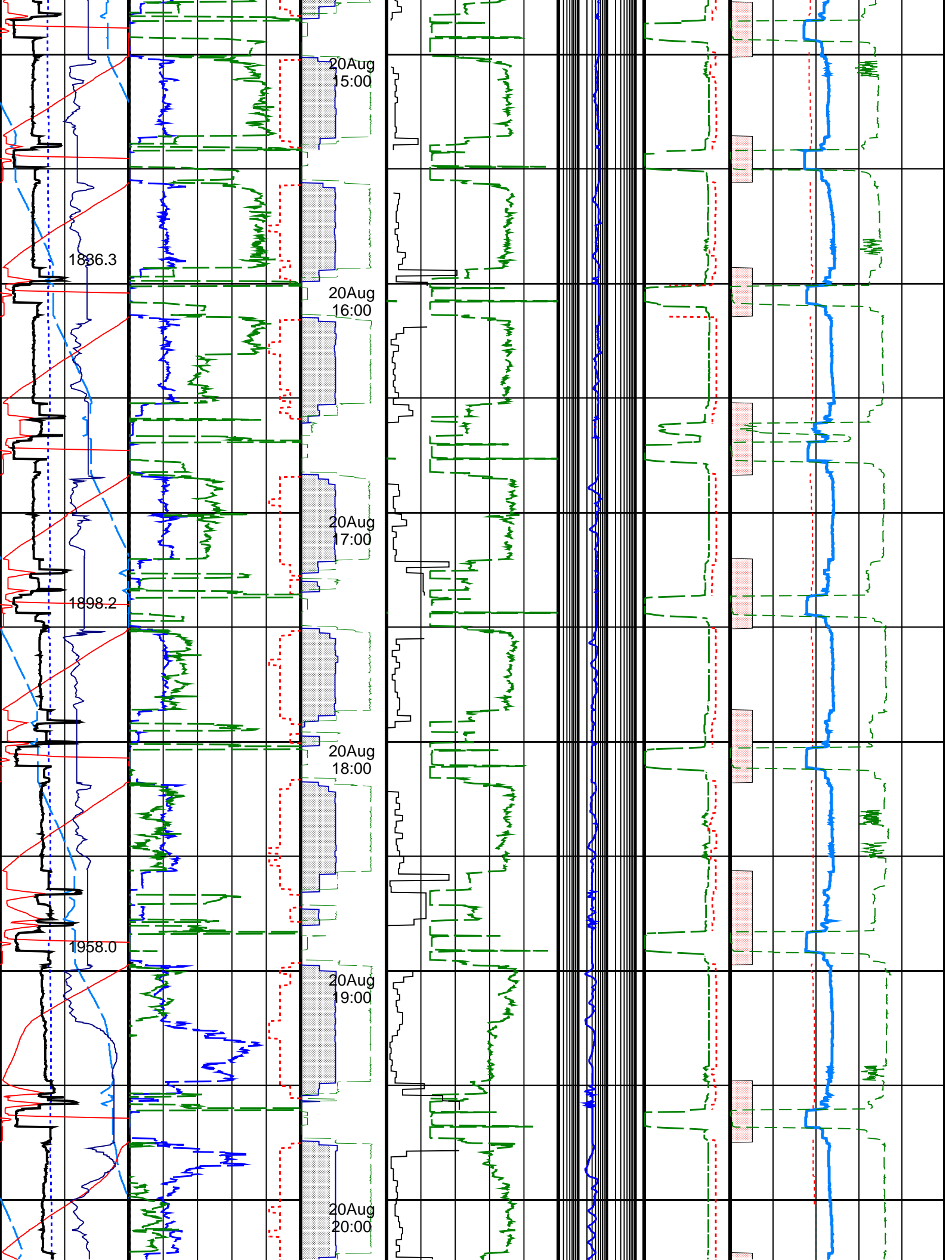


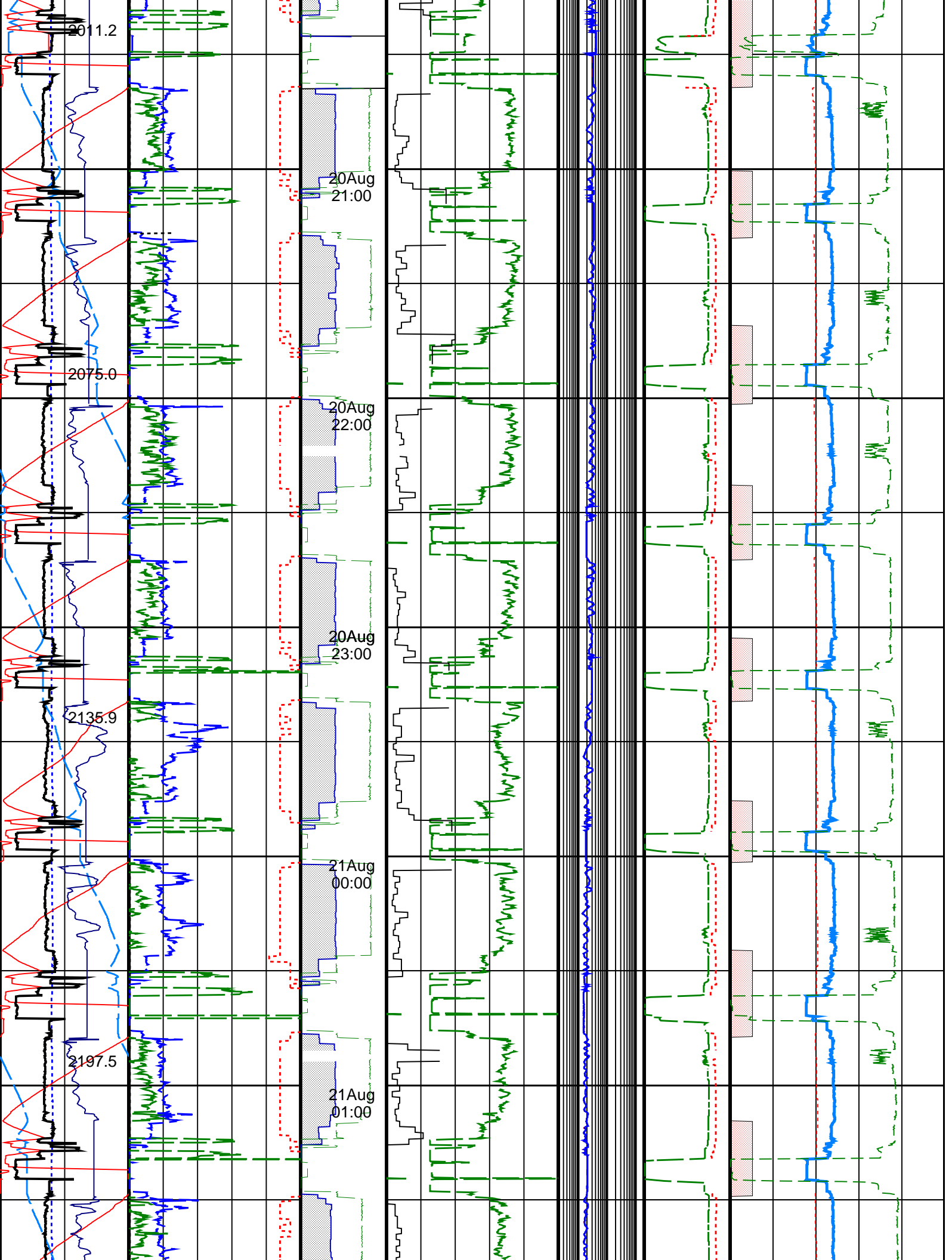


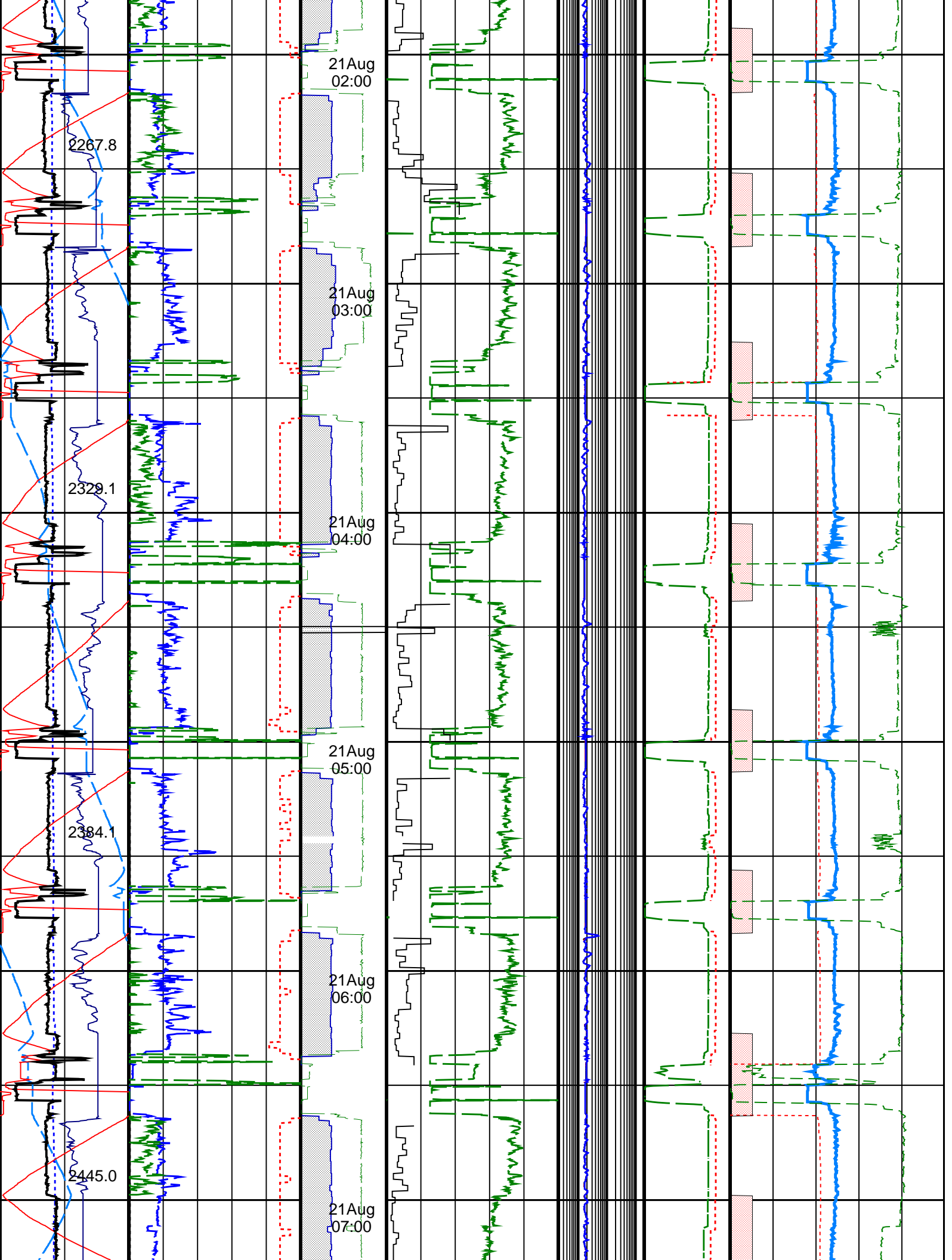


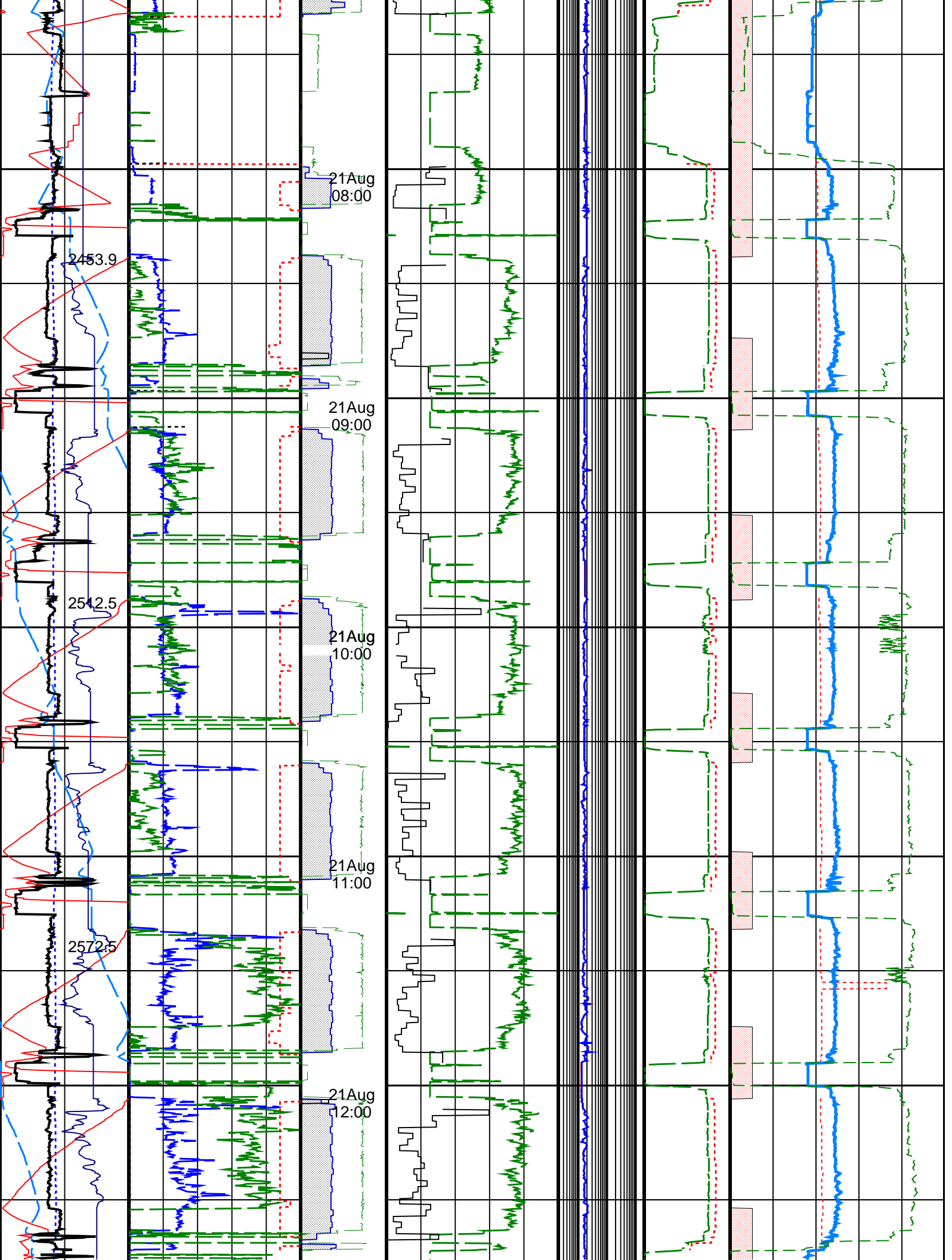


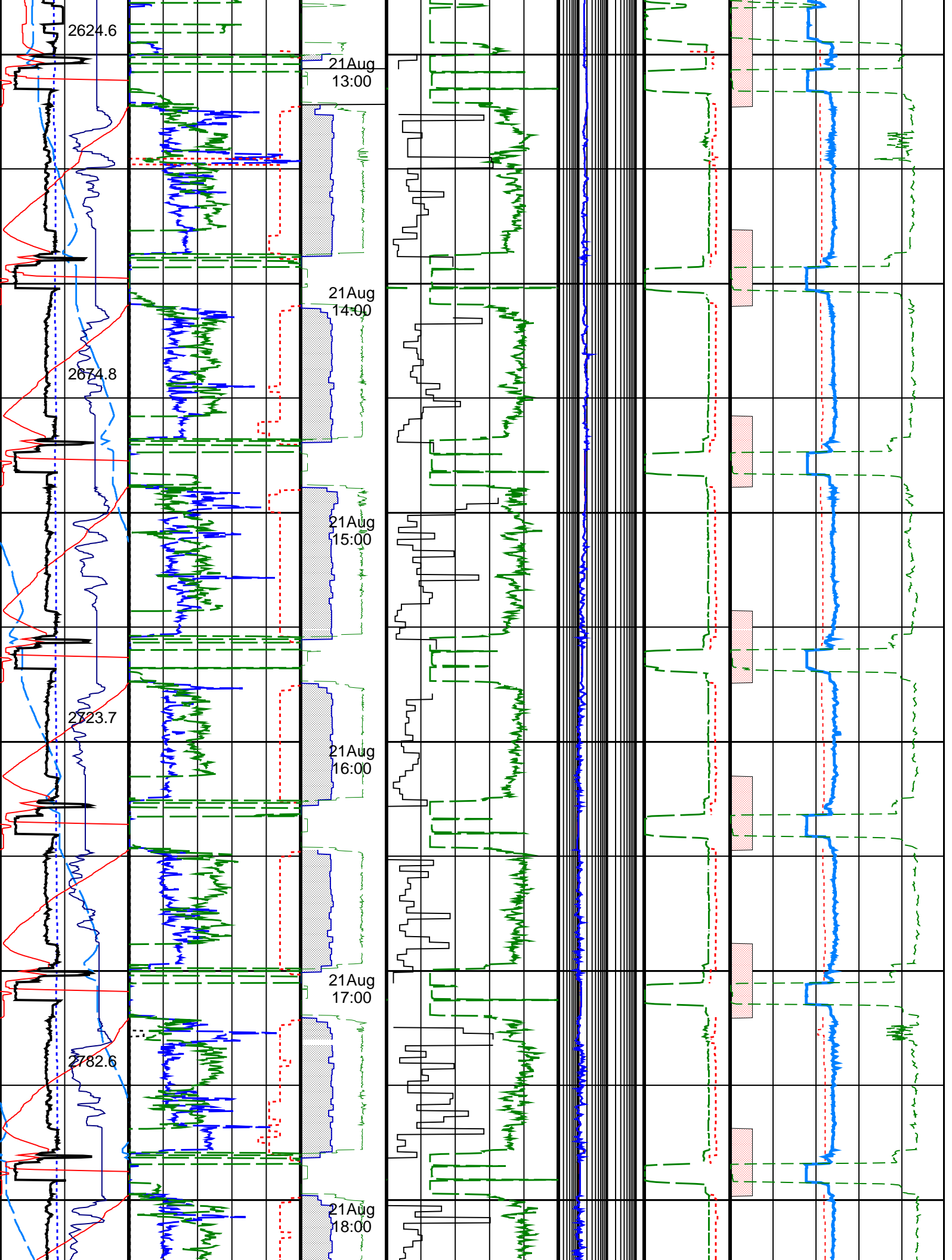


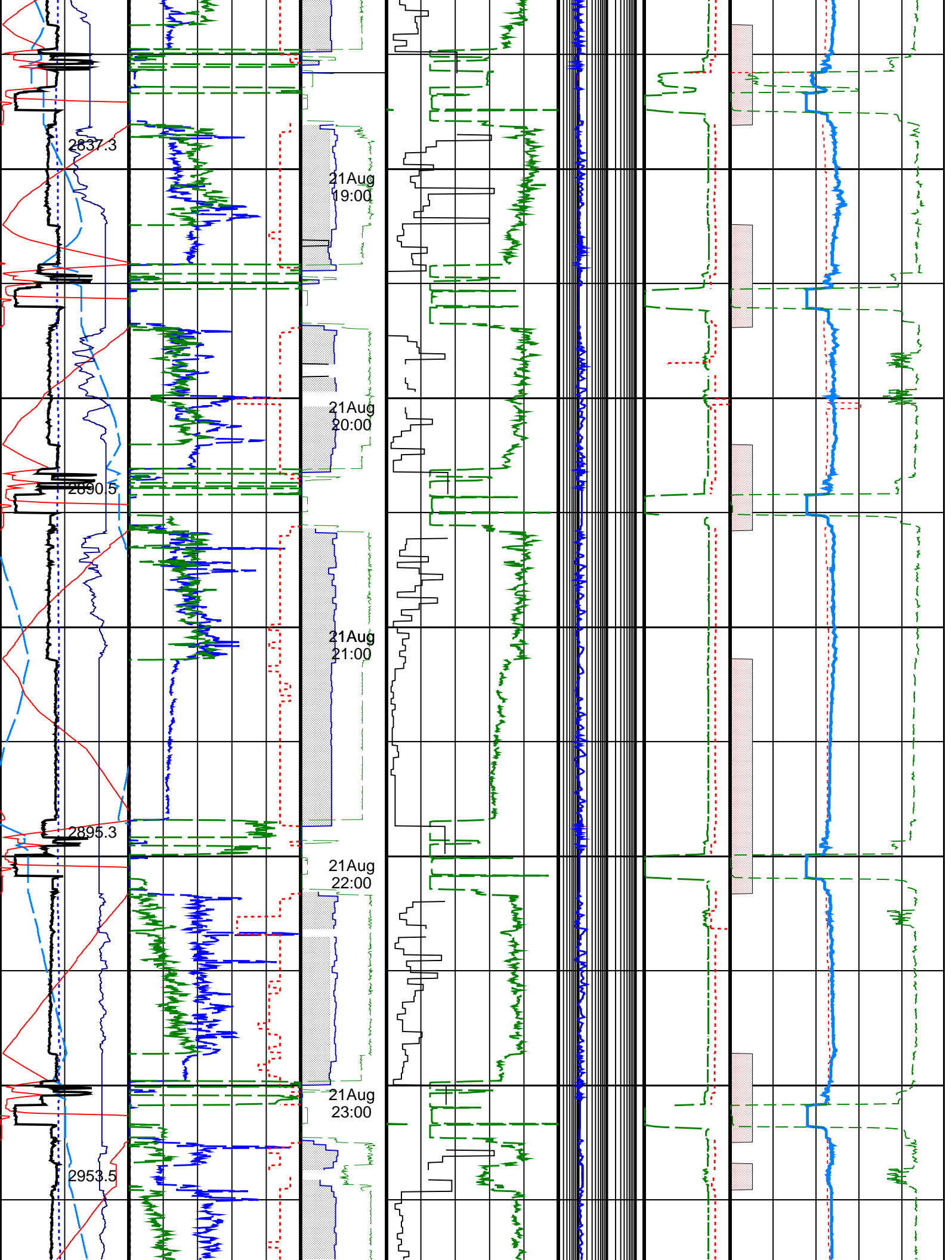


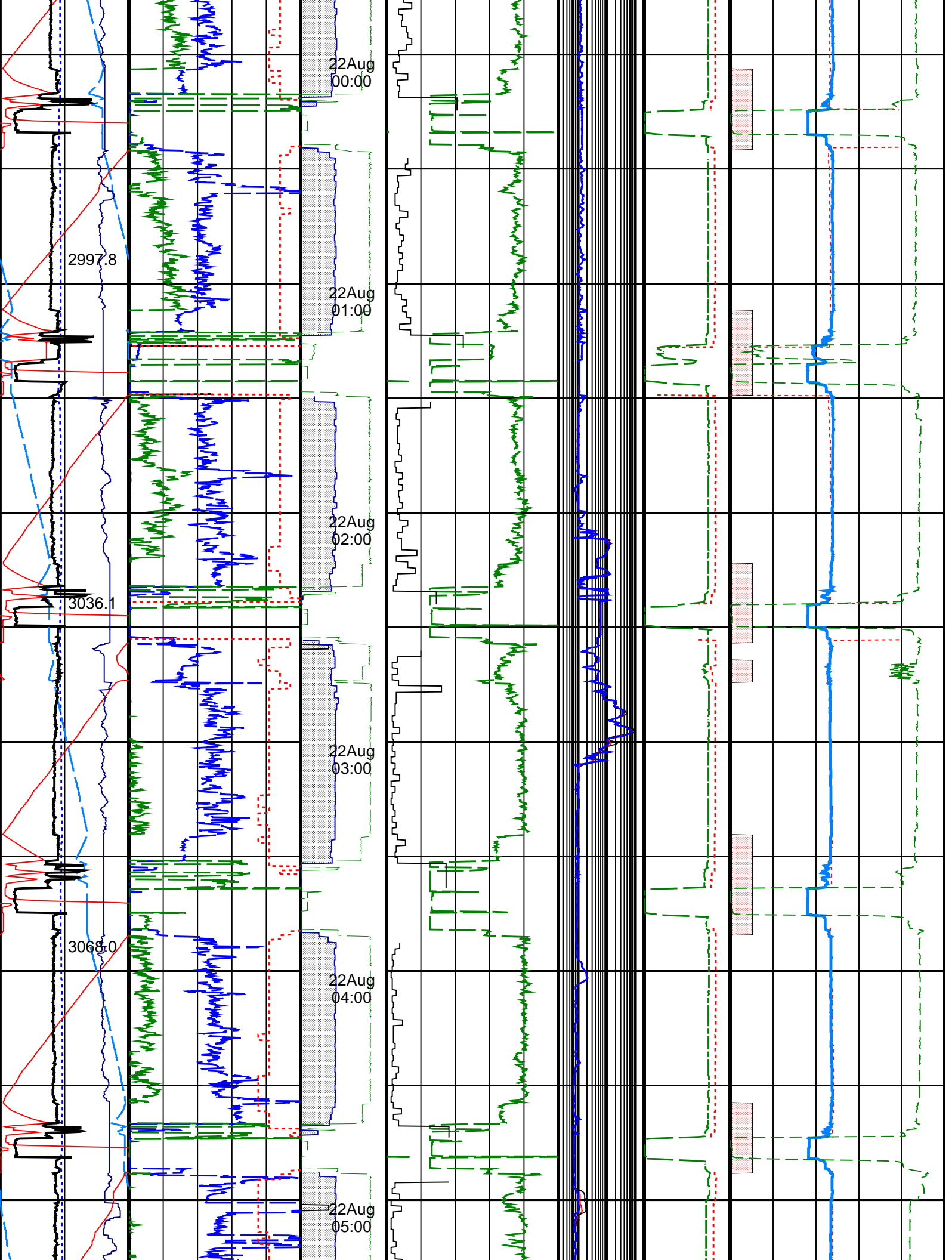


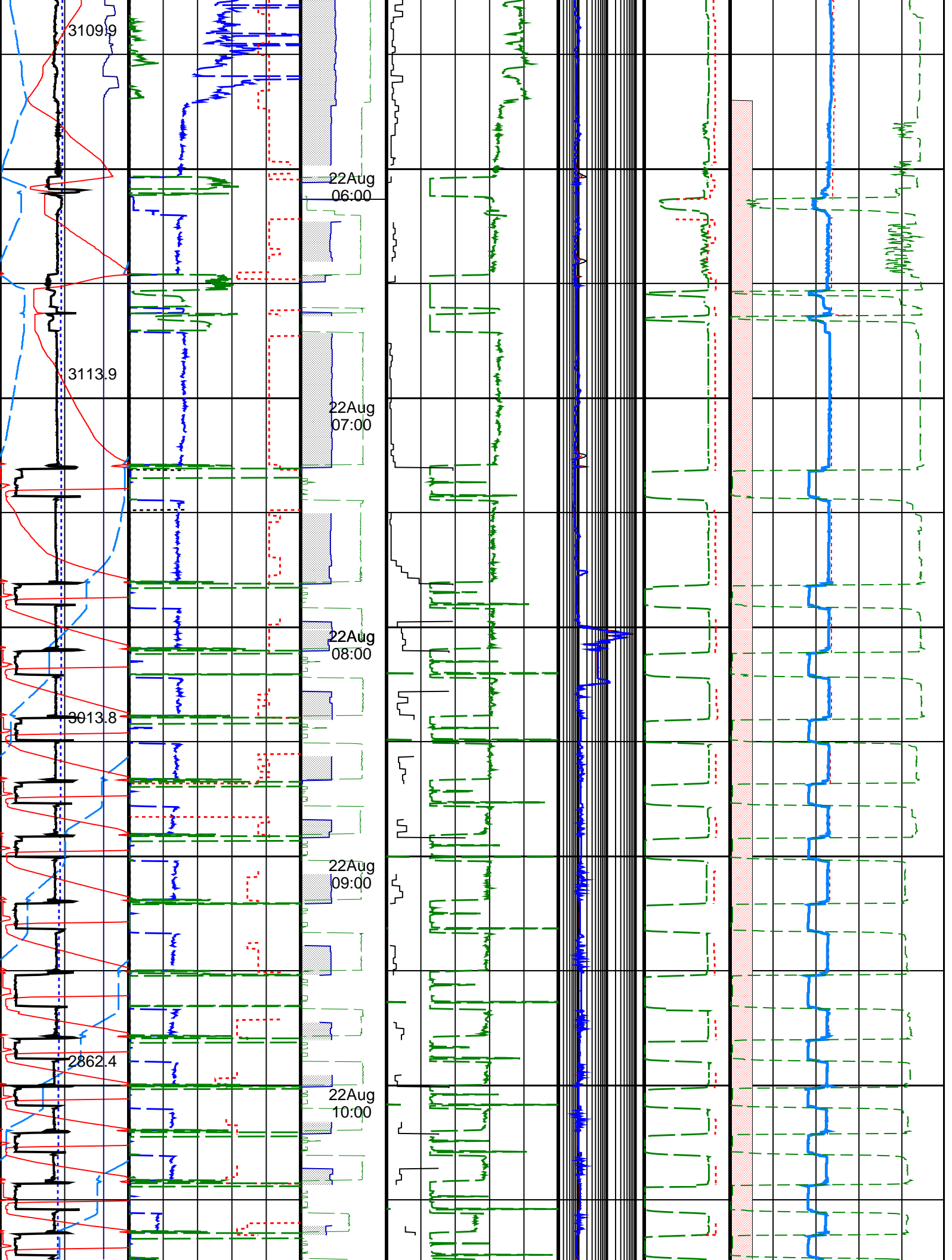


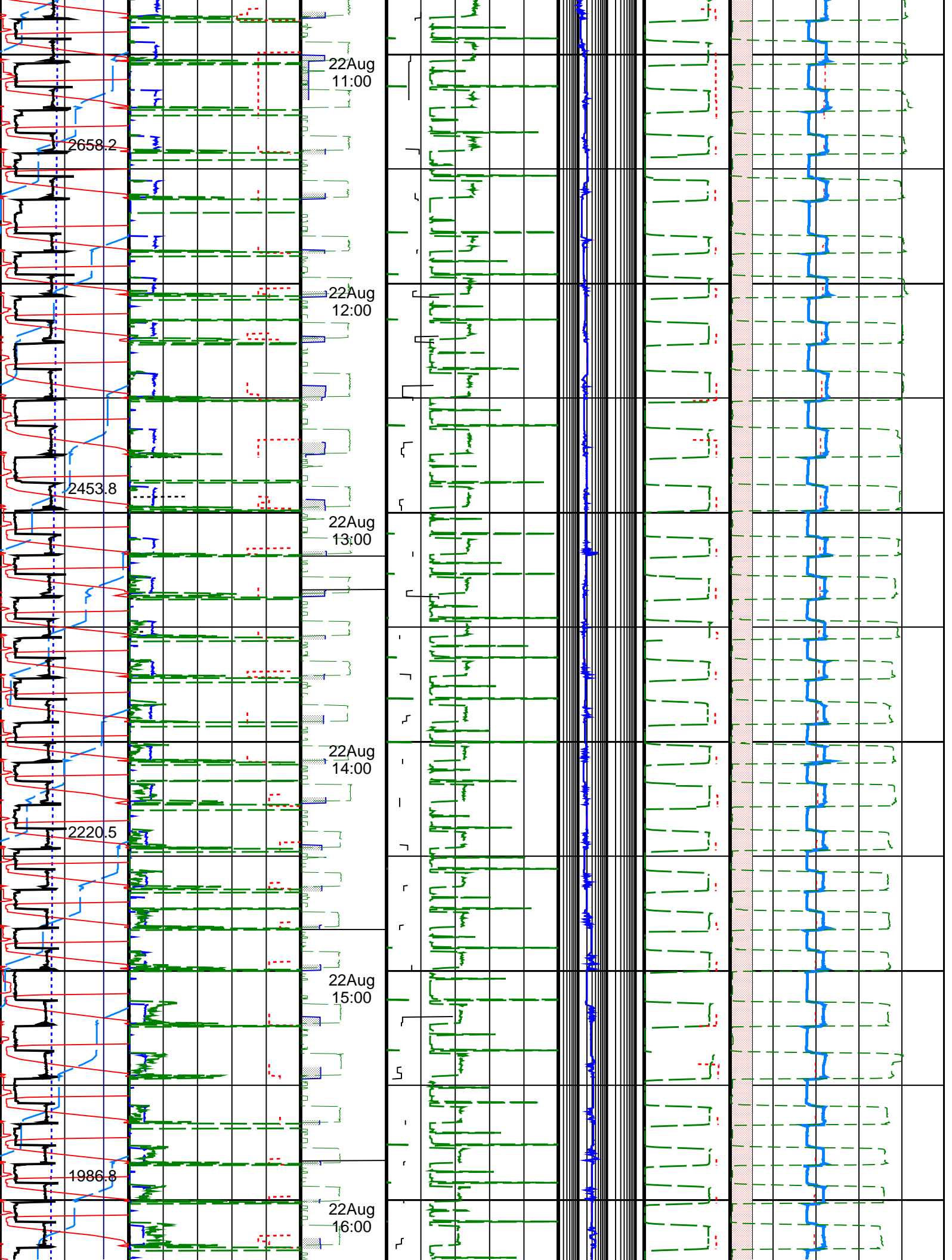


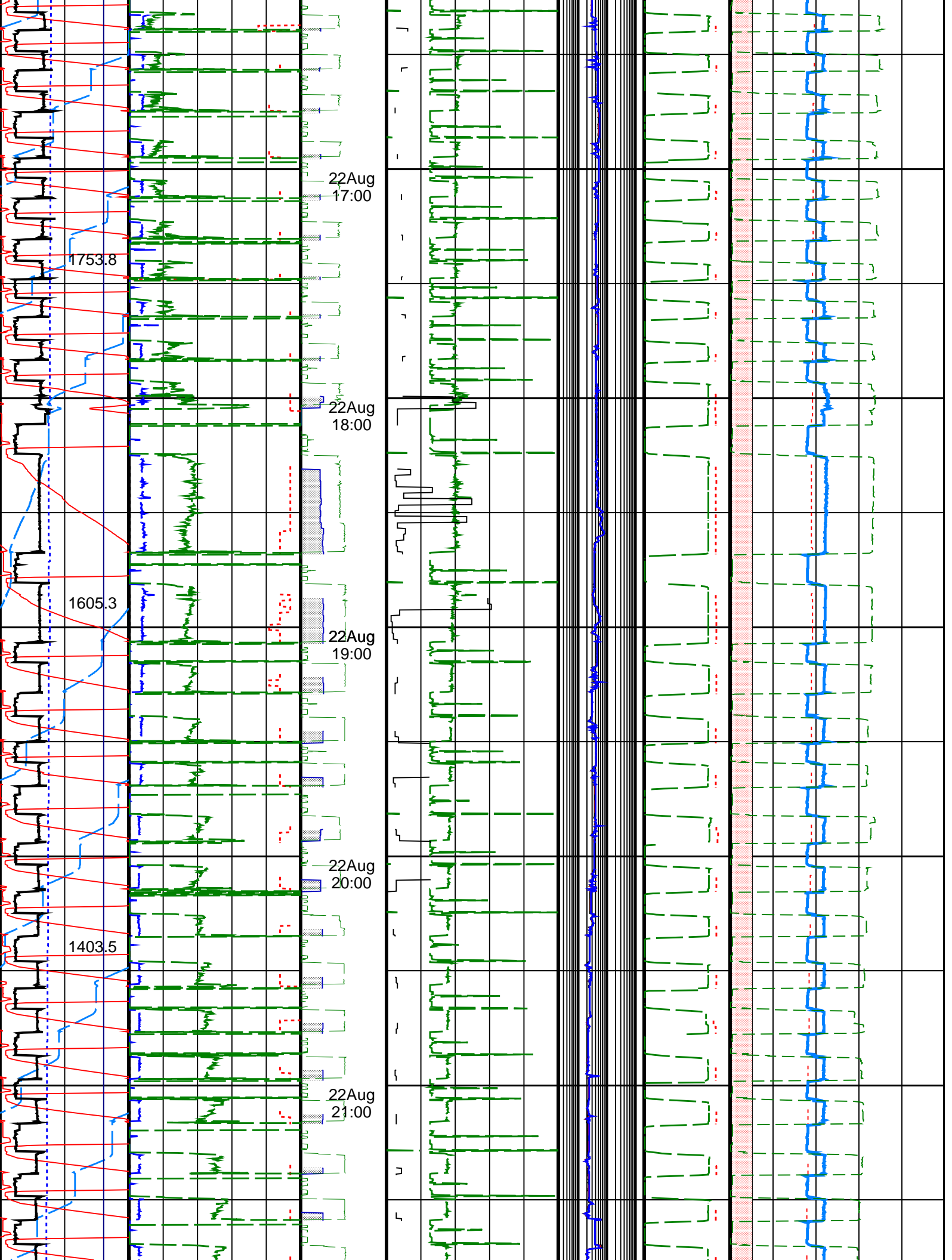


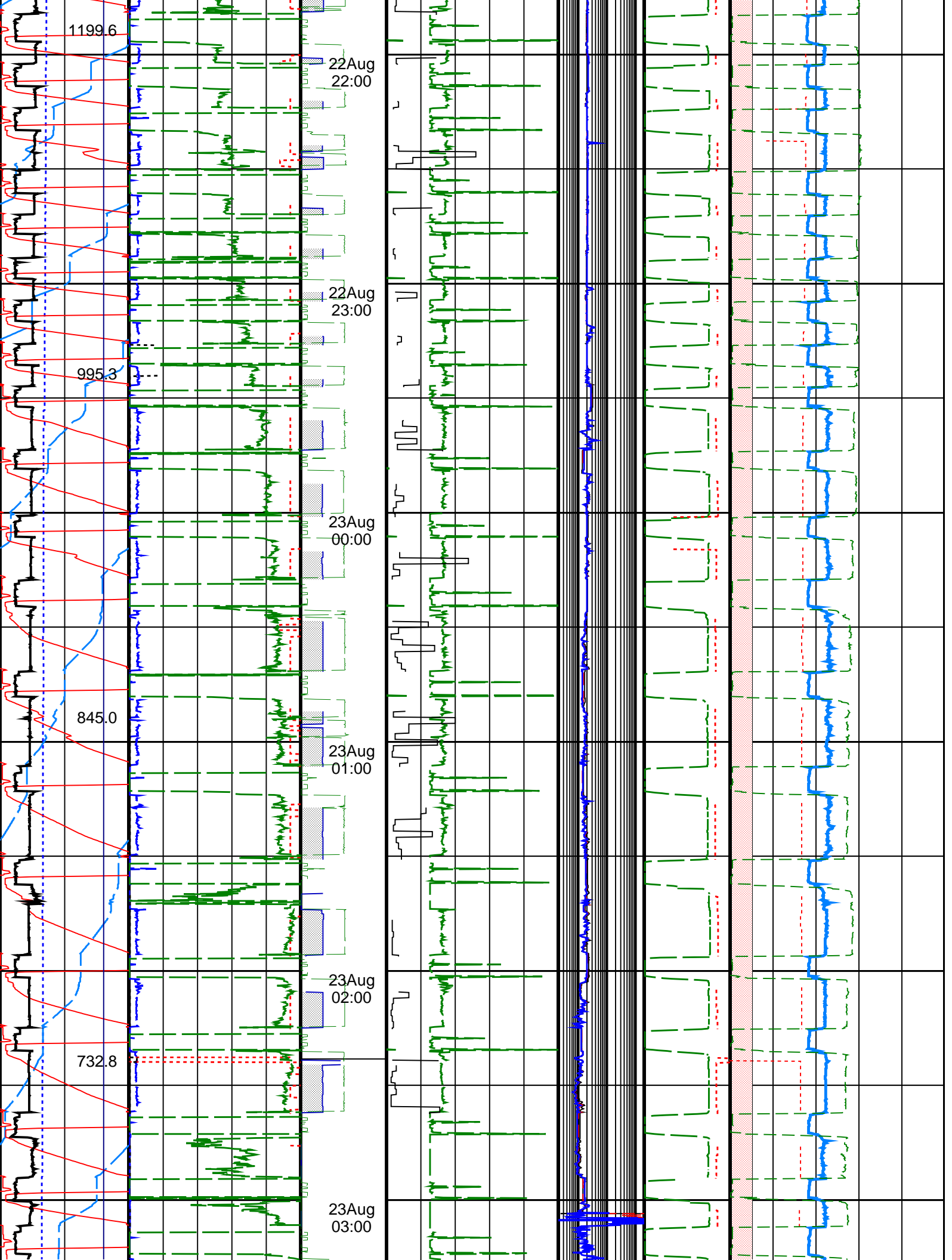


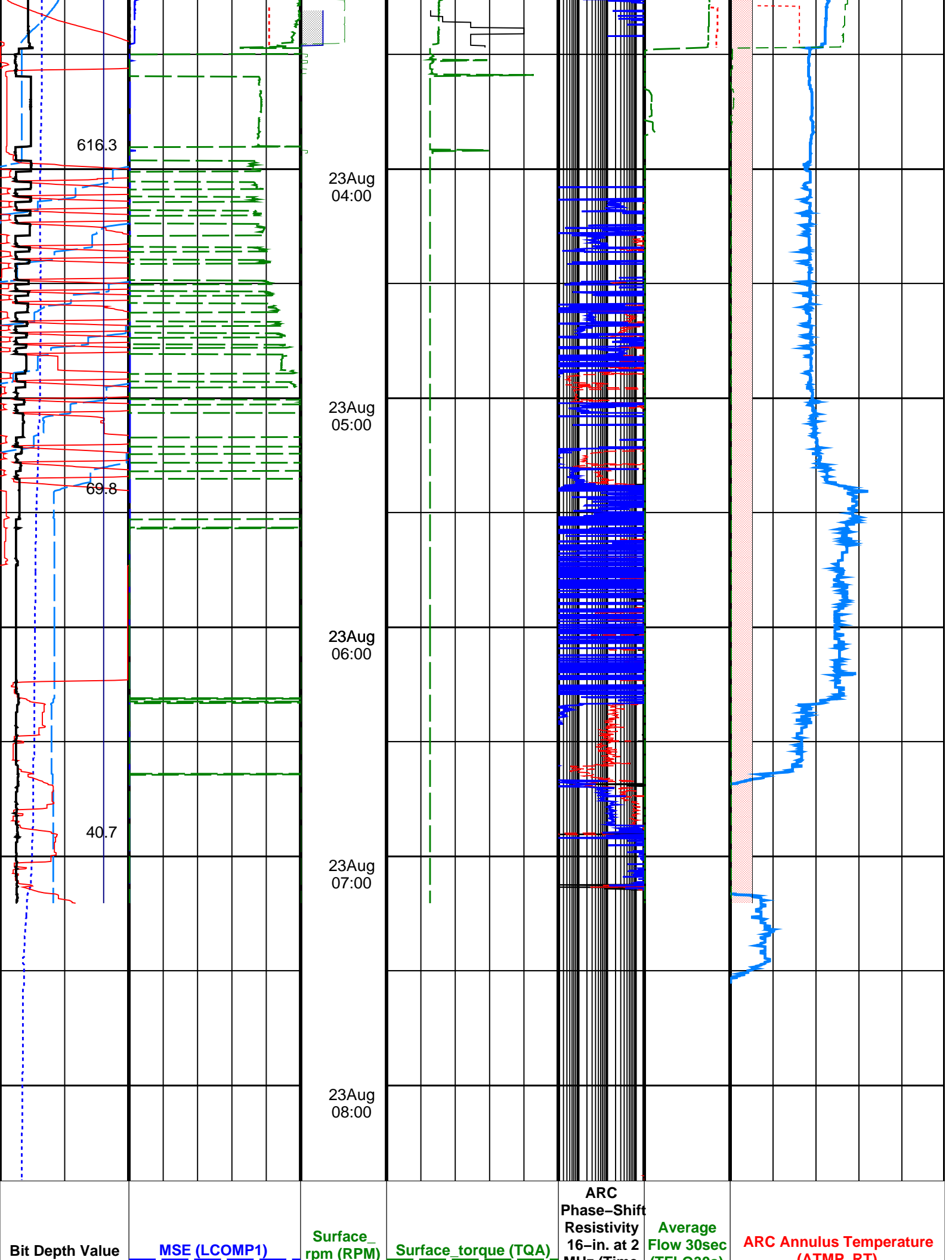












(DEPT) (M)	0 (----) 90	(RPM) 0 (----) 200	-10 (KFLB) 30	MHz (Time based) (P16H) (OHMM) 0.2 200	(FLO30s) (GPM) 0 1000	0 (ATM_RT) (DEGC) 200
Rop*5 (ROP5) 200 (M/HR) 0	Lateral Vib (VIBLAT_RT) 4 (----) 0	Shock Peak (SHKPK_RT) 0 (----) 50	PKPK_RPM (Stick_RT) 0 (RPM) 400	ARC Phase-Shift Resistivity 28-in. at 2 MHz (Time based) (P28H) (OHMM) 0.2 200	Trpm (TRPM_RT) (RPM) 0 5000	Equivalent Circulating Density (ECD_ARC) 8 (LB/G) 18
MD (DEPT) 0 (M) 100	Vib X-Axis (VIBX_RT) 0 (----) 50	MWD Collar RPM (CRPM_RT) (RPM) 0 400		ARC Phase-Shift Resistivity 40-in. at 2 MHz (Time based) (P40H) (OHMM) 0.2 200		Stand pipe pressure (SPPA) 0 (PSI) 4000
Hookload (HKLD) 0 (KLBF) 500	Surface WOB (SWOB) 0 (KLBF) 50					Bit off Bottom From DMT7 to Bit_on_ bottom/2hz/Curve
Block position (BPOS) 0 (M) 30						
Annulus Temperature (ATMP) 0 (DEGC) 200						