



Triple Combo
Kansas Petrophysical Analysis

API WELL NO. 15077219870100

CLIENT: SANDRIDGE EXP & PROD
 COMPANY: RAYMOND 3505 1-7H 1L
 WELL: HKW EAST
 FIELD: HARPER
 COUNTY: HARPER STATE: KANSAS

LOCATION: TWP.: 35 S - Range: 5 W - Sec. 7
 200 FSL 1300 FWL
 SURF LOC

OTHER COMPUTATIONS

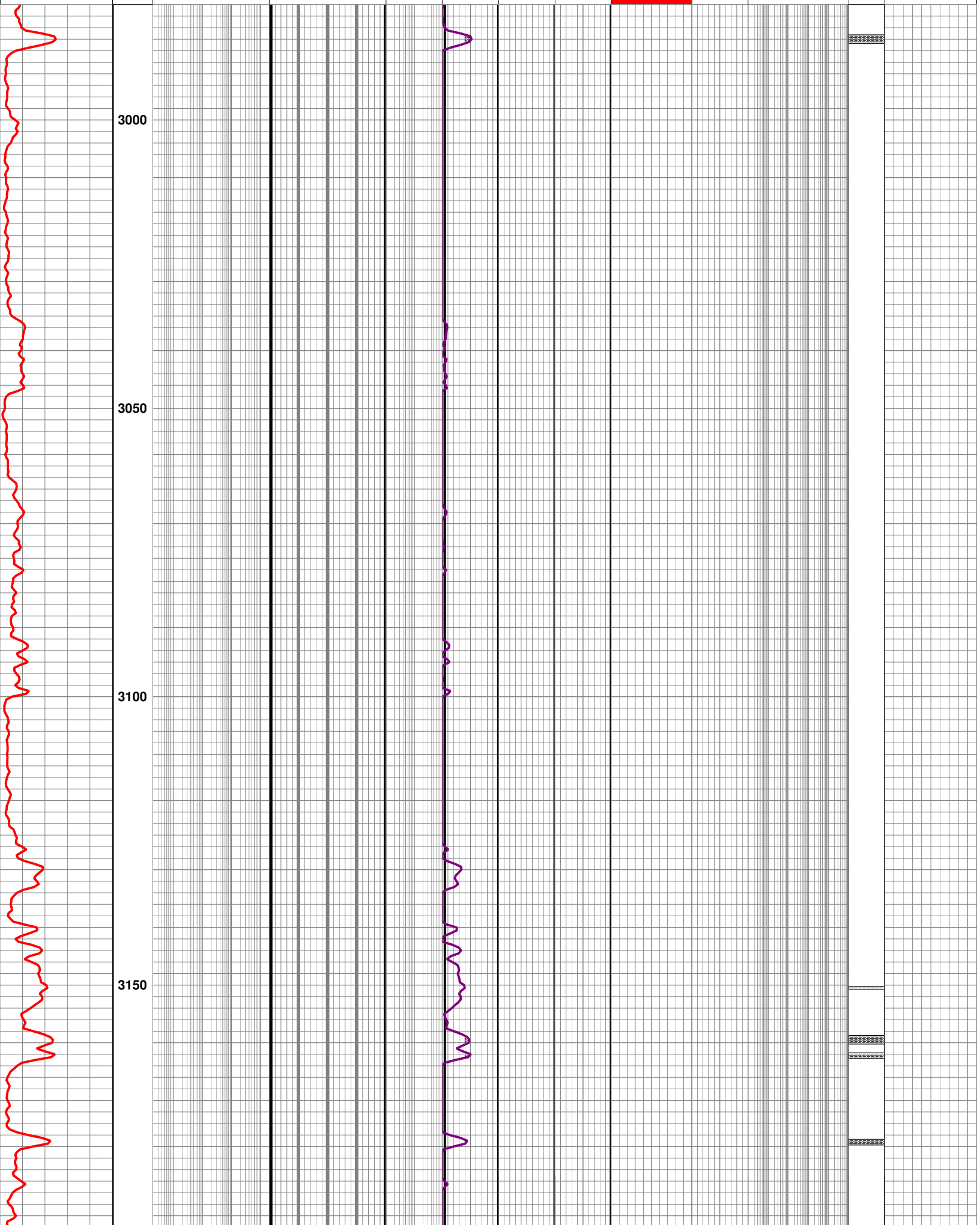
PERMANENT DATUM G.L. _____ ELEV. -999.25
 LOG MEASURED FROM D.F. _____ ABOVE PERM DATUM
 DRILLING MEASURED FROM KB _____

ELEV. K.B. 1272
 D.F. _____
 G.L. 1256

DATE	30 - DEC - 1899
RUN NO.	
DEPTH - DRILLER	
DEPTH - LOGGER	9000
BOTTOM LOGGED INTERVAL	9000
TOP LOGGED INTERVAL	2980
CASING - DRILLER	
CASING - LOGGER	
BIT SIZE	
TYPE FLUID IN HOLE	
CASING SIZE	CASING WEIGHT
DENSITY	VISCOSITY
PH	FLUID LOSS
SOURCE OF SAMPLE	
R _m @ MEASURED TEMP.	@
R _{tr} @ MEASURED TEMP.	@
R _{bc} @ MEASURED TEMP.	@
SOURCE: R _{tr}	R _{bc}
R _m @ BHT	@
CIRCULATION STOP DATE	
MAX. REC. TEMP	
Company	LOCATION
RECORDED BY	ThruBit LLC.
WITNESSED BY	

FOLD HERE

Correlation	Depth	O-H Resistivity	O-H Porosity	RWA Flag	Vclay	Sw	BVw	Pore Space	RP	K(Coats)	NT-LIT	Mudlog Data
CGR(N/A)	MD	esD(60IN_2FT_RES)	PHID	RWA_SXP	Vshl	SwE	BVW	PHIT	Kwtr	K	Indsto	C1(N/A)
0 150		0.2 96.348 2000	0.3 0.006 -0.1	0.0 0.10 10	0.0 0.000 10	1 1.028 10	0 0.018 10	0.2 0.012 01	0 0.004 00	0.1 0.62810000		0.0 250
GR	BHF	esM(30IN_2FT_RES)	PHIN		Vshl>40%	SW>=75%	BVhc	PHIA	Khc		nestor	C2(N/A)
0 14.593 150		0.2 39.578 2000	0.3 0.017 -0.1				0 -0.000 10	0.2 0.012 01	0 0.000 00			0.0 250
CALI(DCAL)	Net Pay	esS(10IN_2FT_RES)	SXP			Sw<50%	Vhc > BV	BVW	Khc>Kwtr		olomit	C3(N/A)
5 6.248 15		0.2 14.679 2000	0.3 0.012 -0.1					0.2 0.012 00				0.0 250
			PEF					PHIE	Khc>Kwtr		Shale	C4(N/A)
			0.0 3.909 20					0.2 0.012 00				0.0 250
			DRHO					BVWb				OIL_CURVE
			0.75 0.019 -0.25					0.2 0.000 00				0.0-999.250 1
			Crossover					Hydrocarbon				ROP2
								Clk Volume Wa				150-999.250 0
								Clay Water				

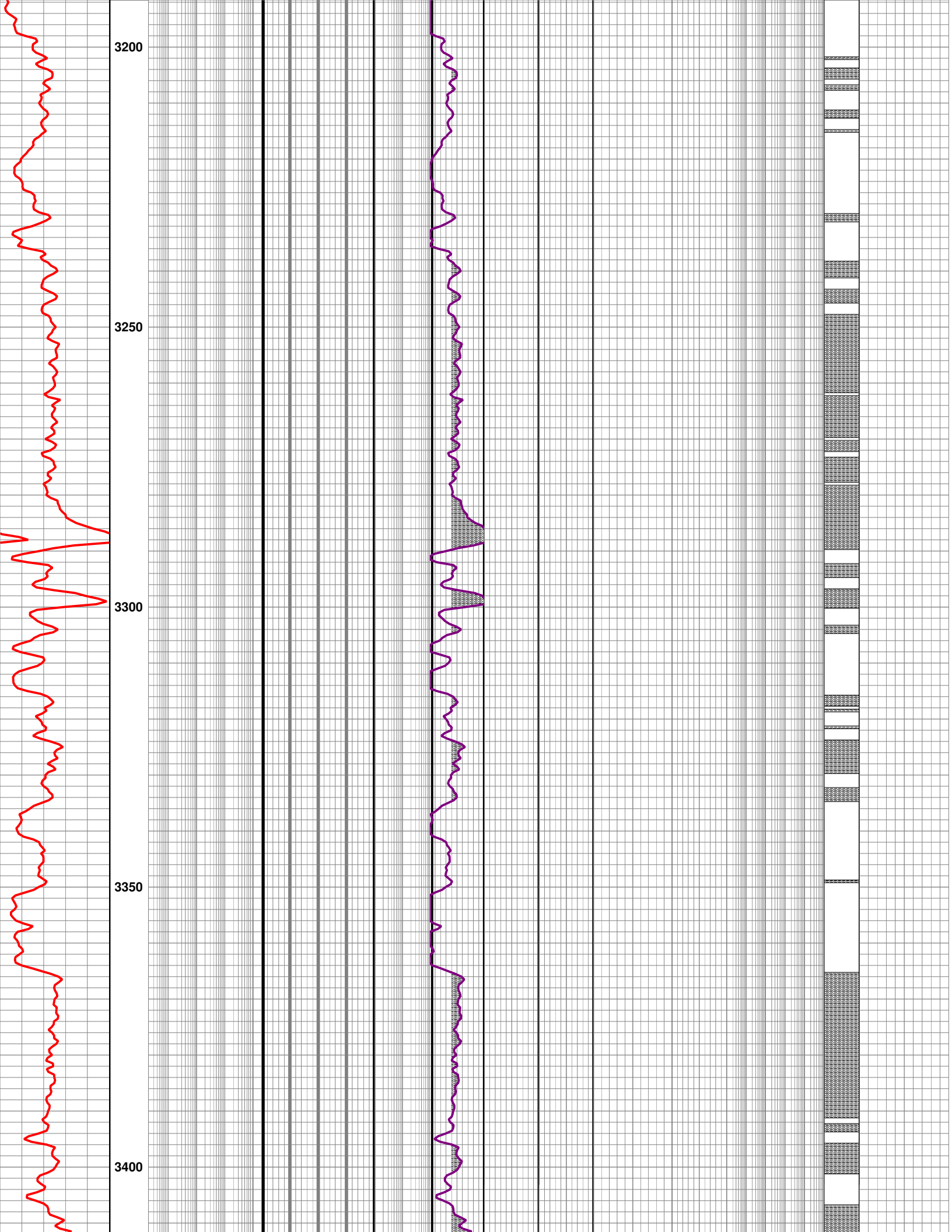


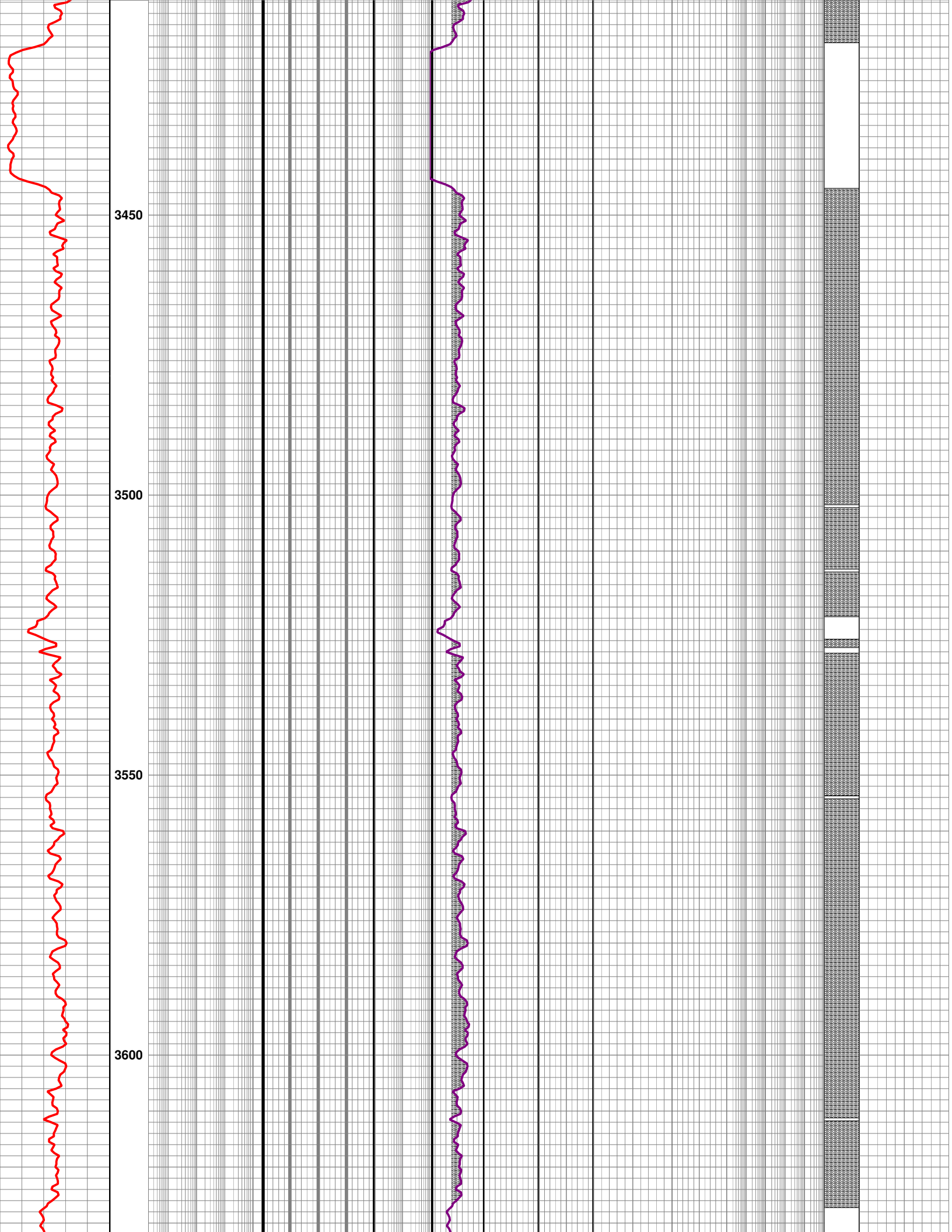
3000

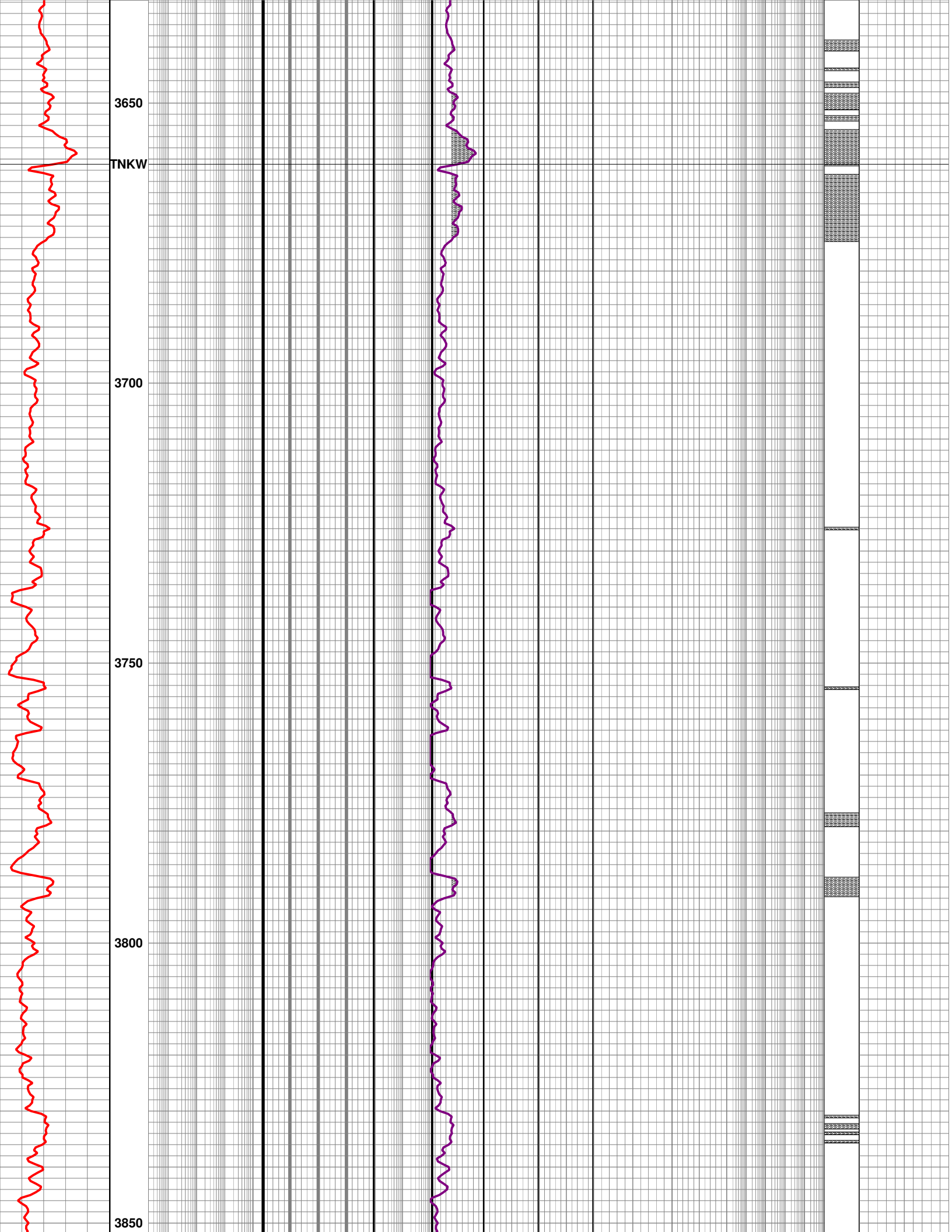
3050

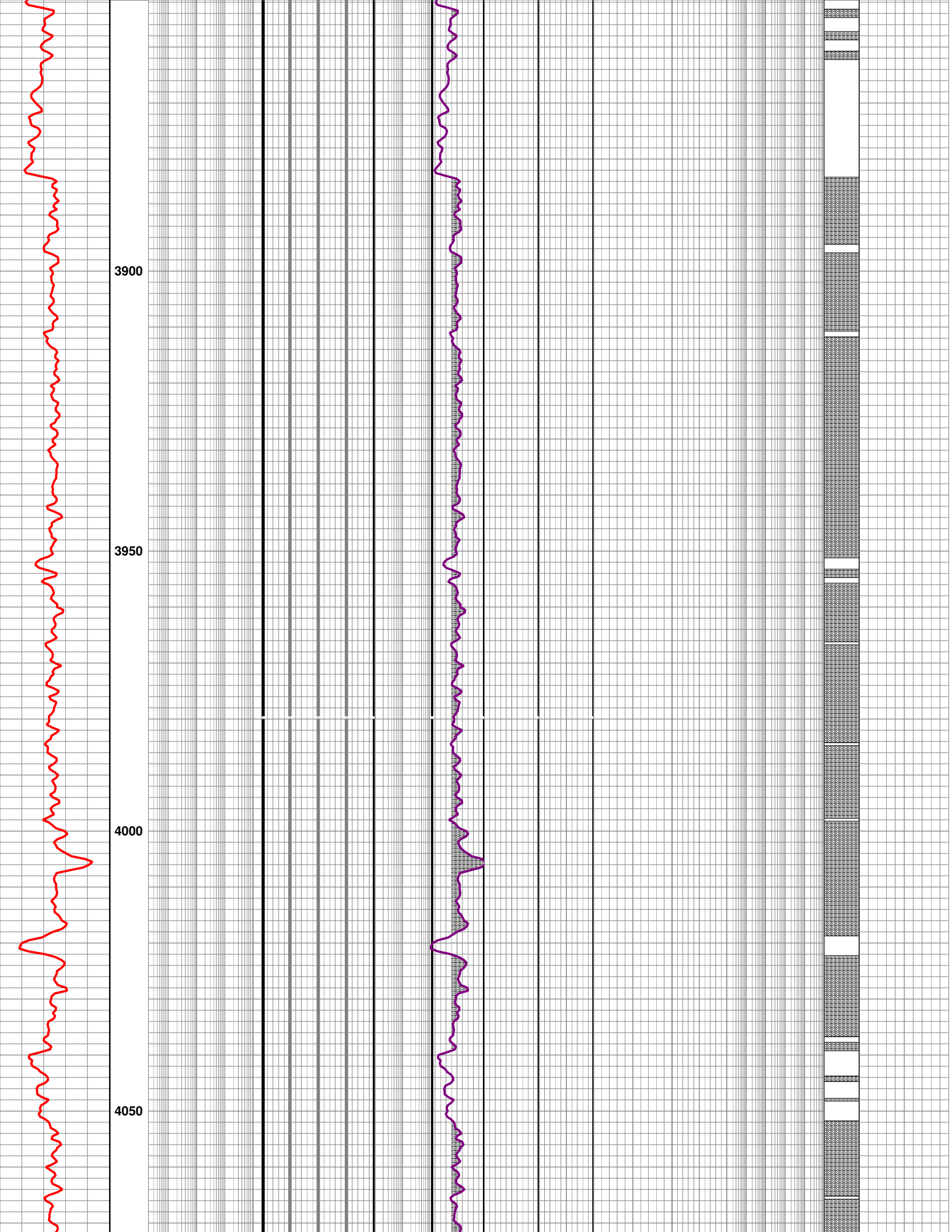
3100

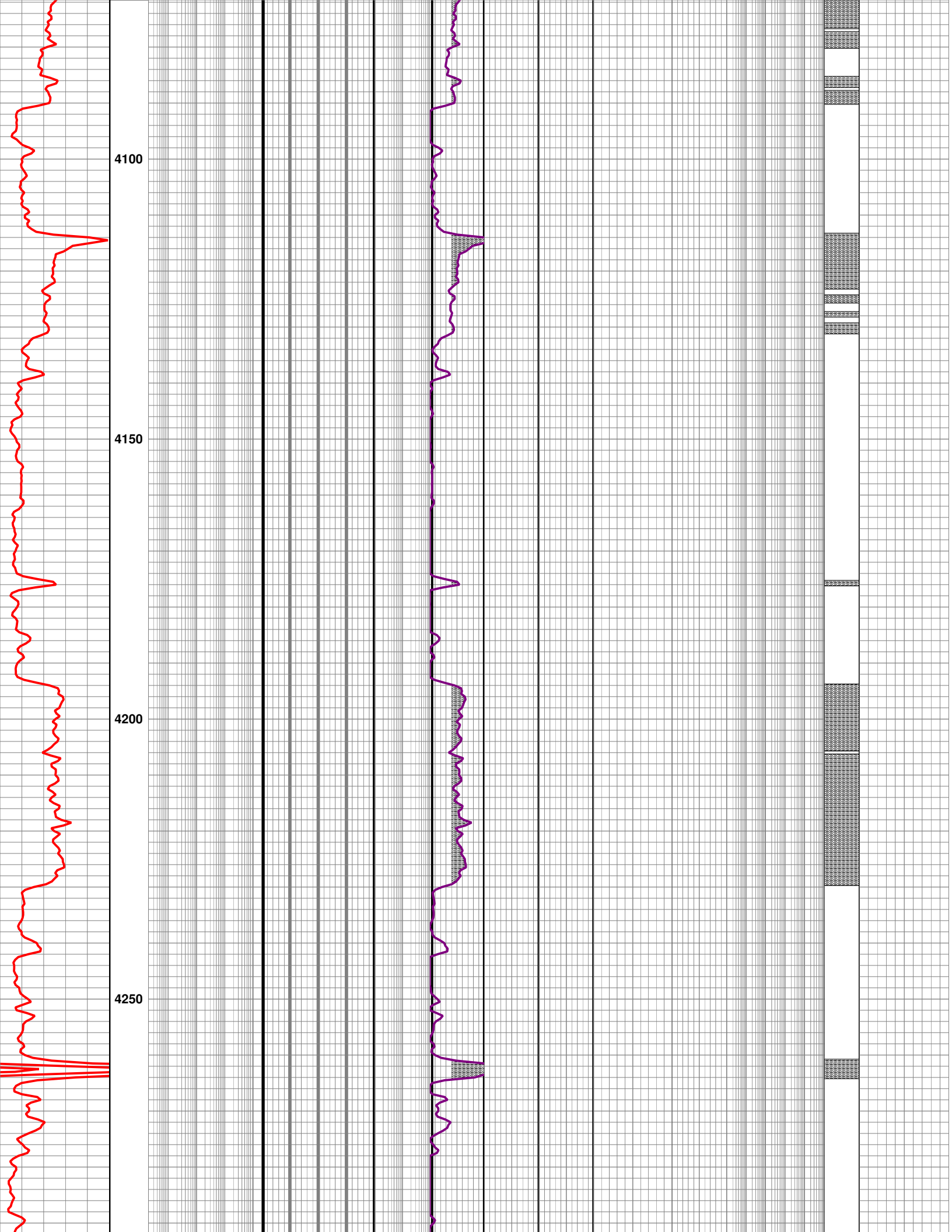
3150

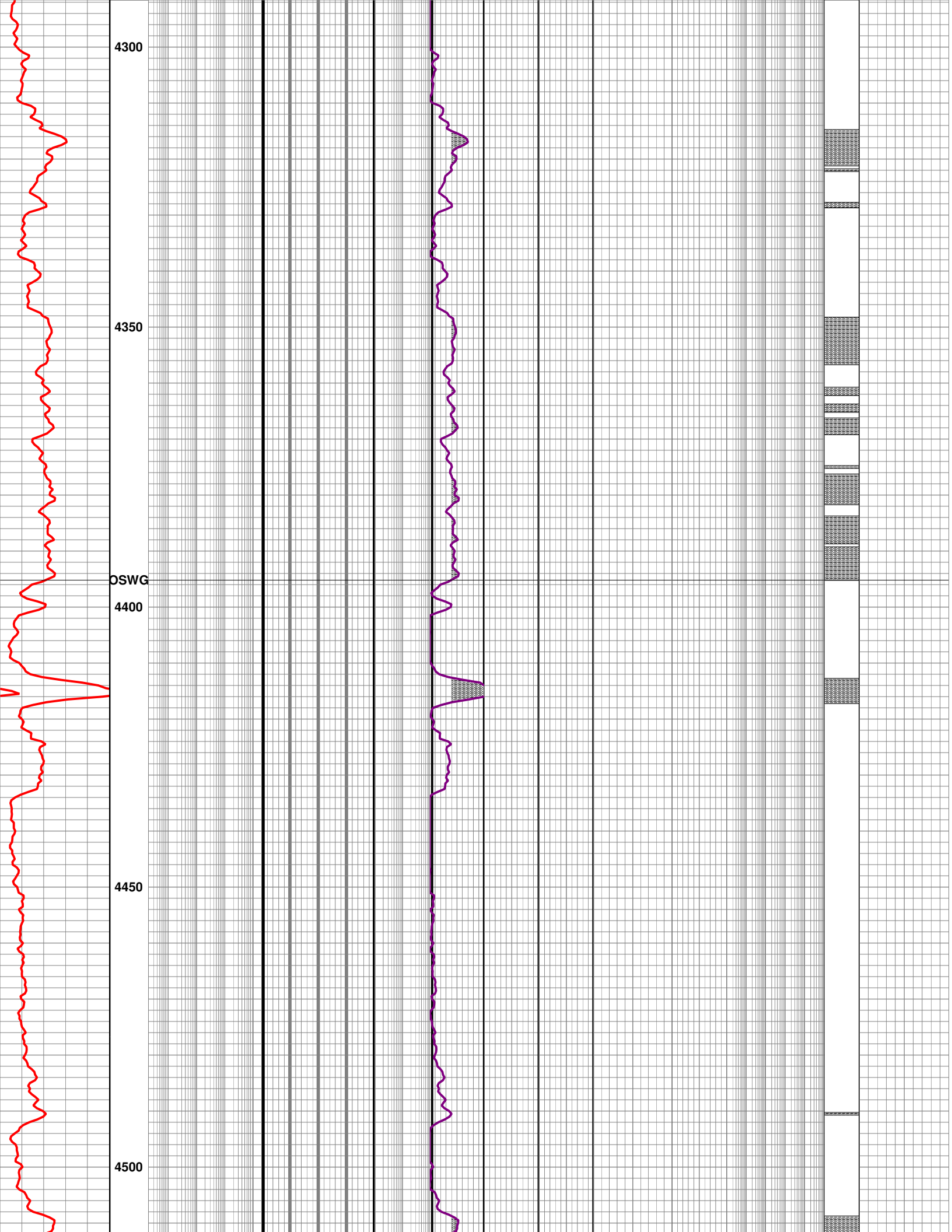


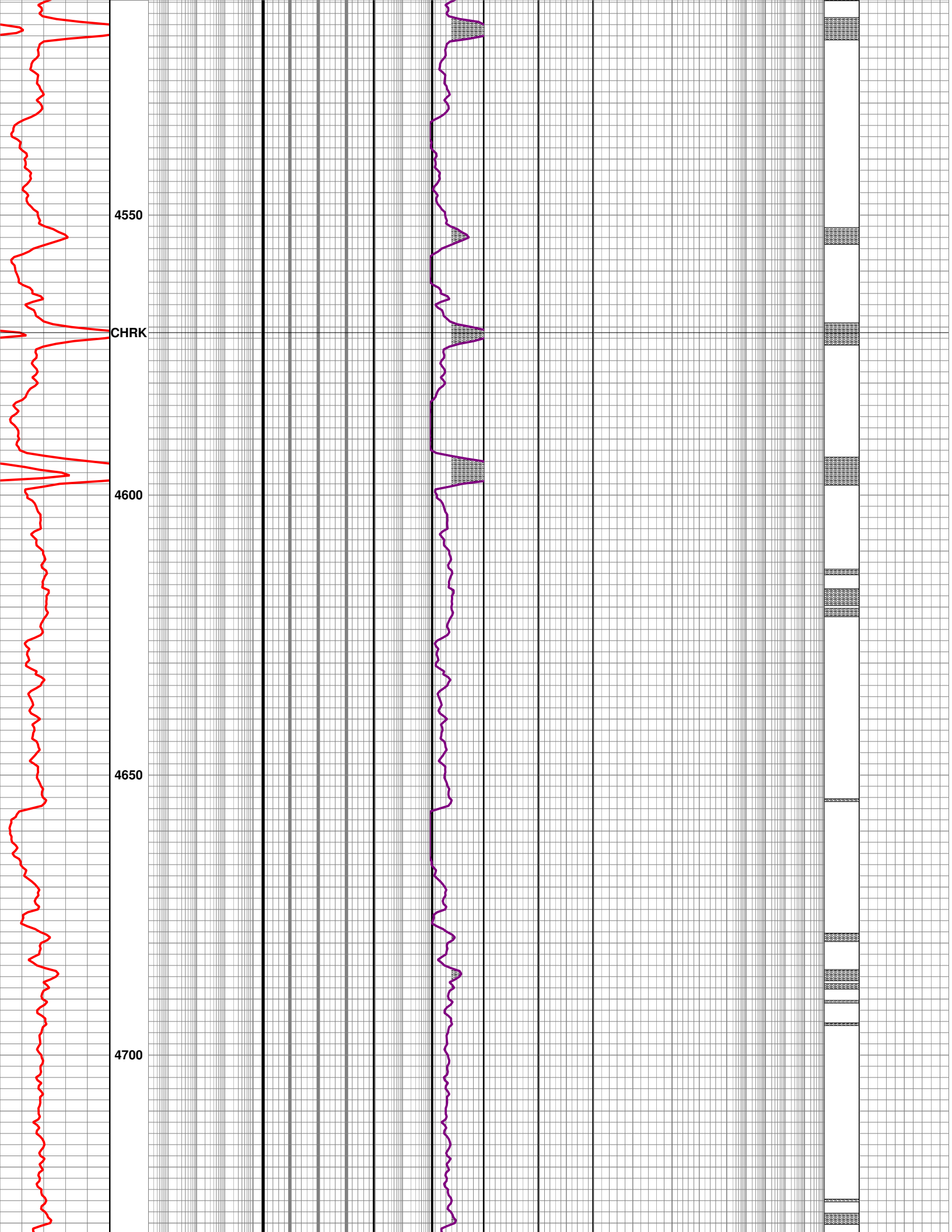


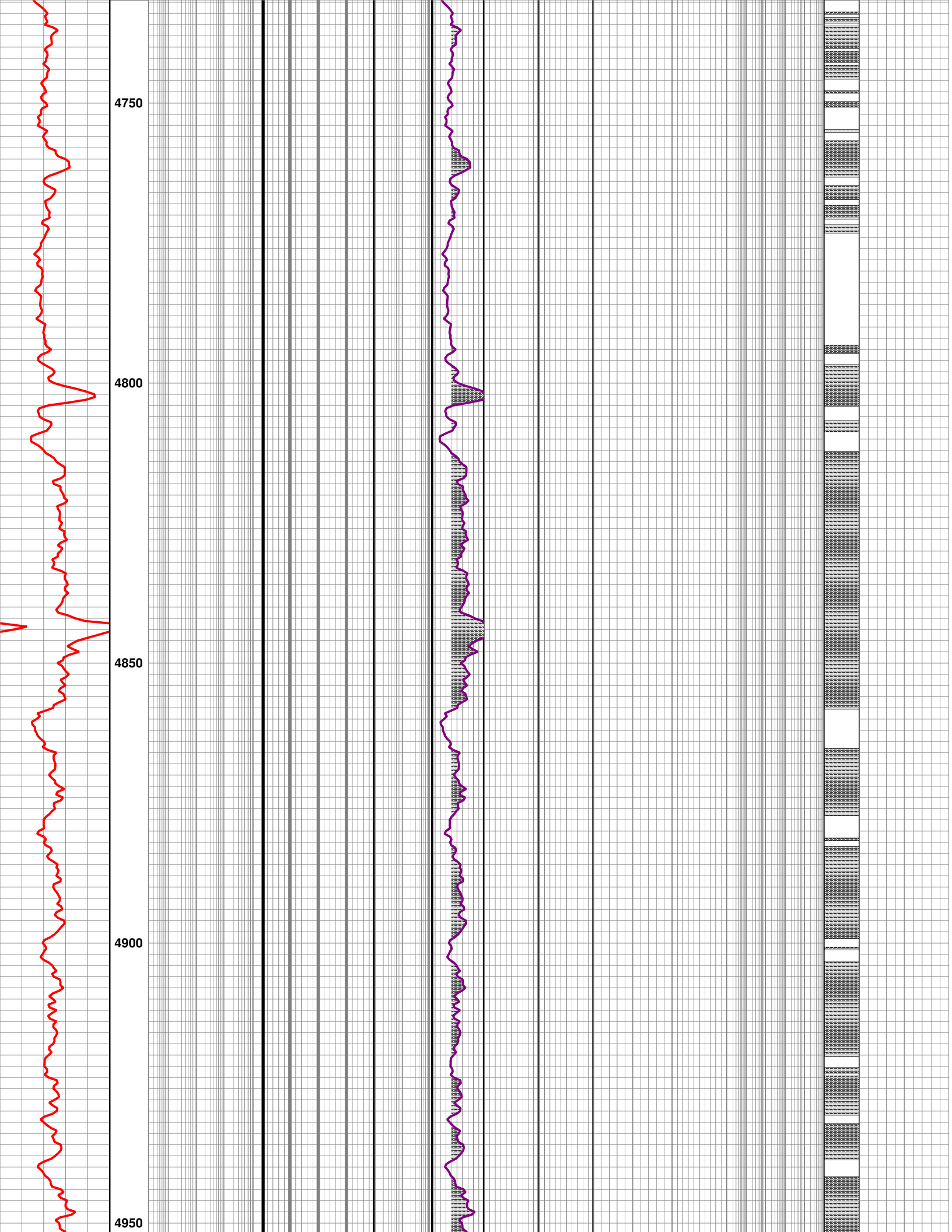


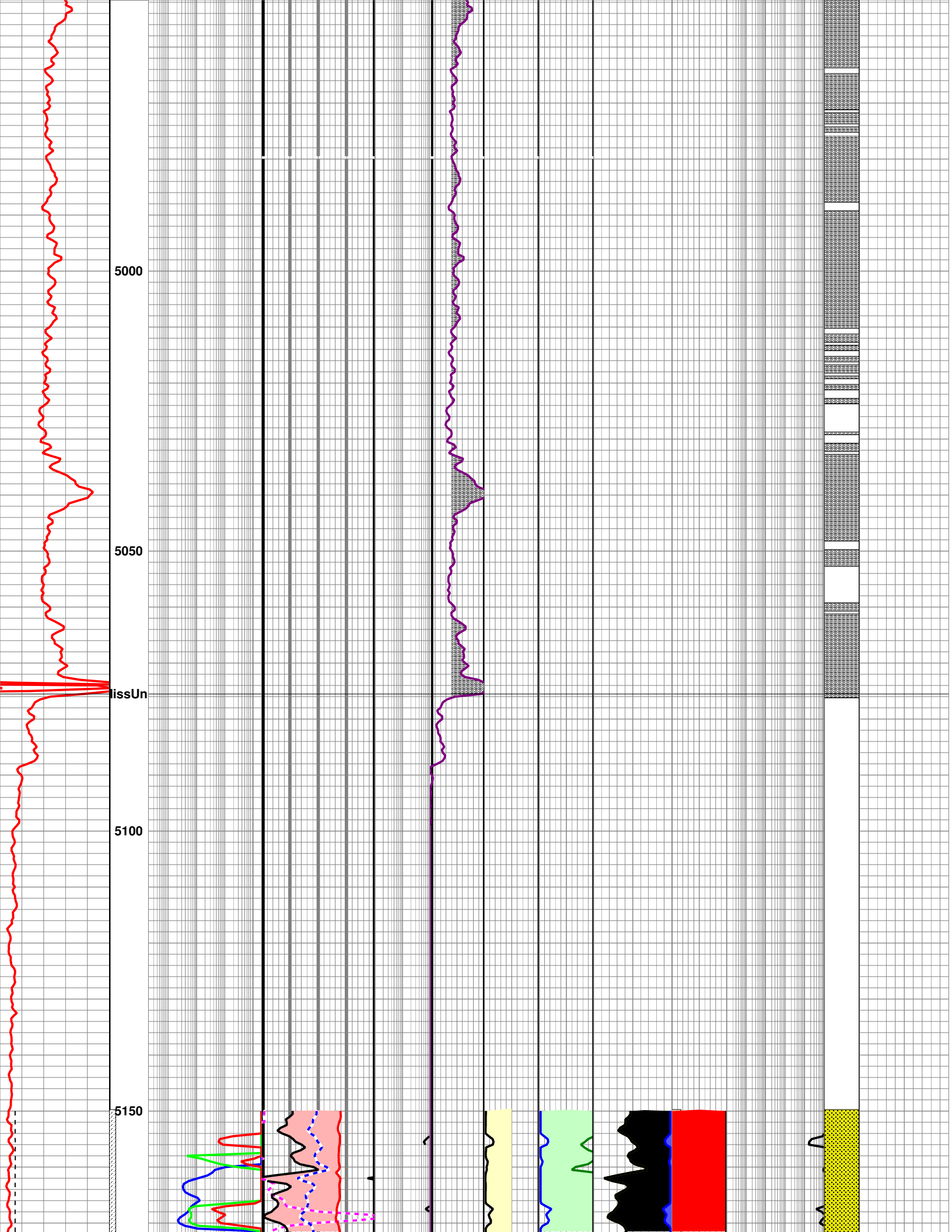


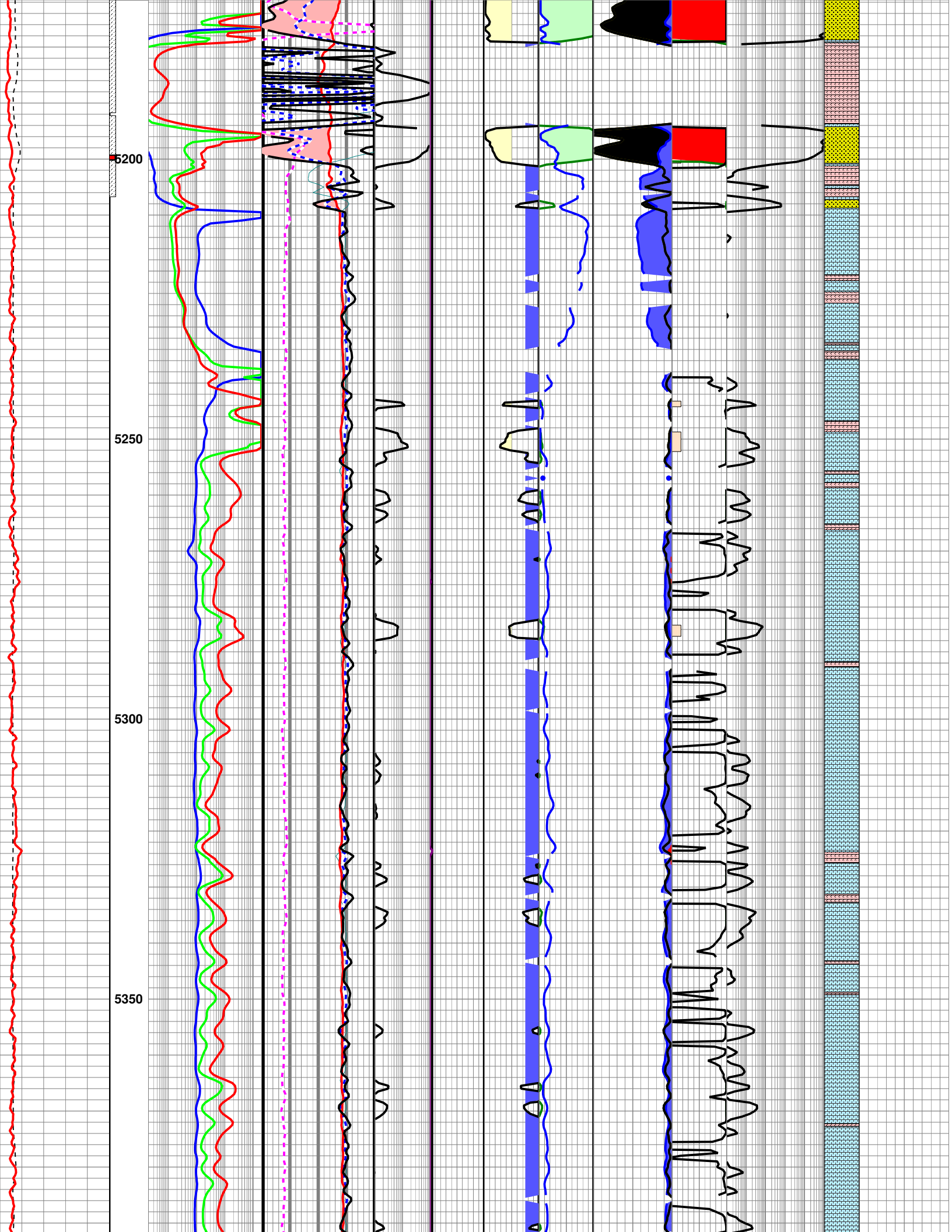


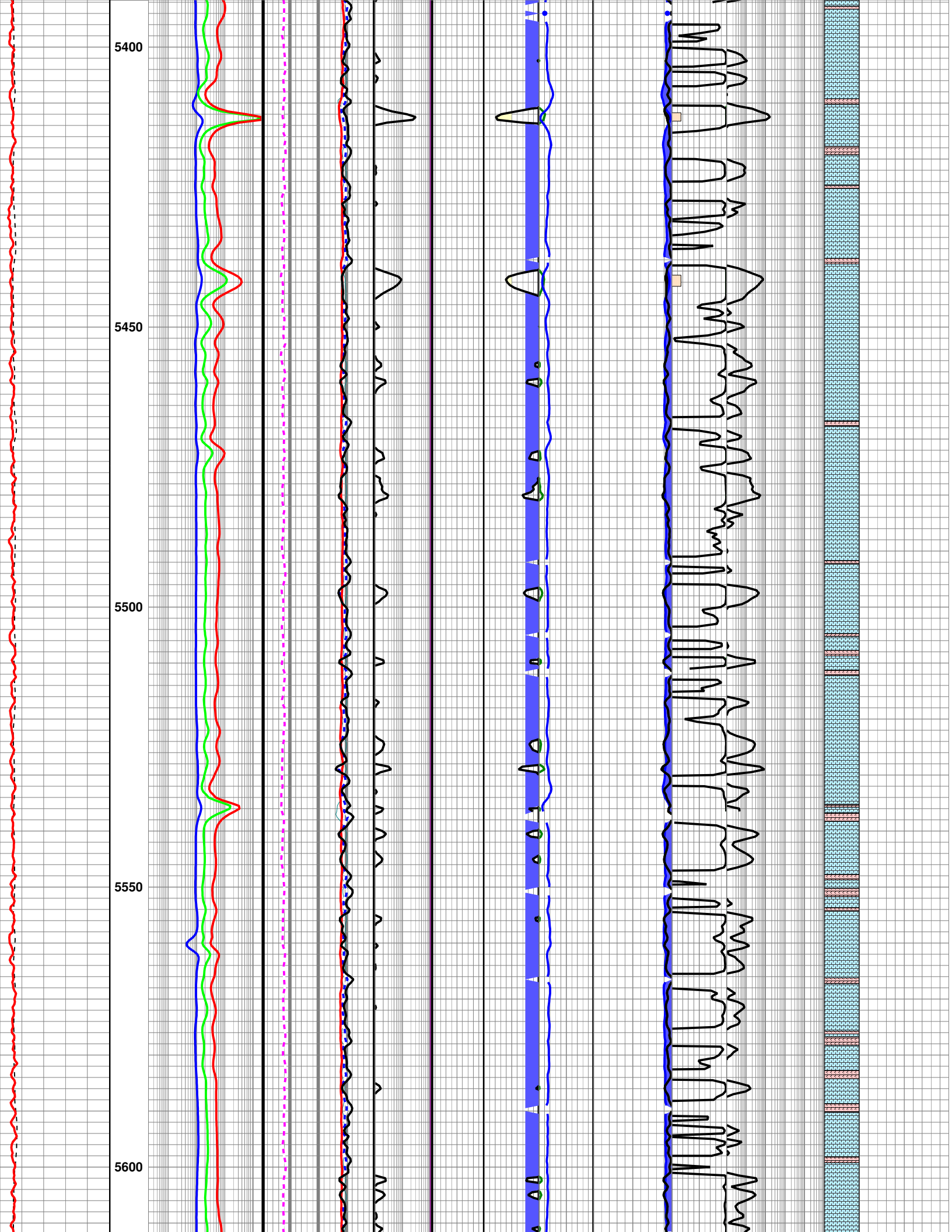


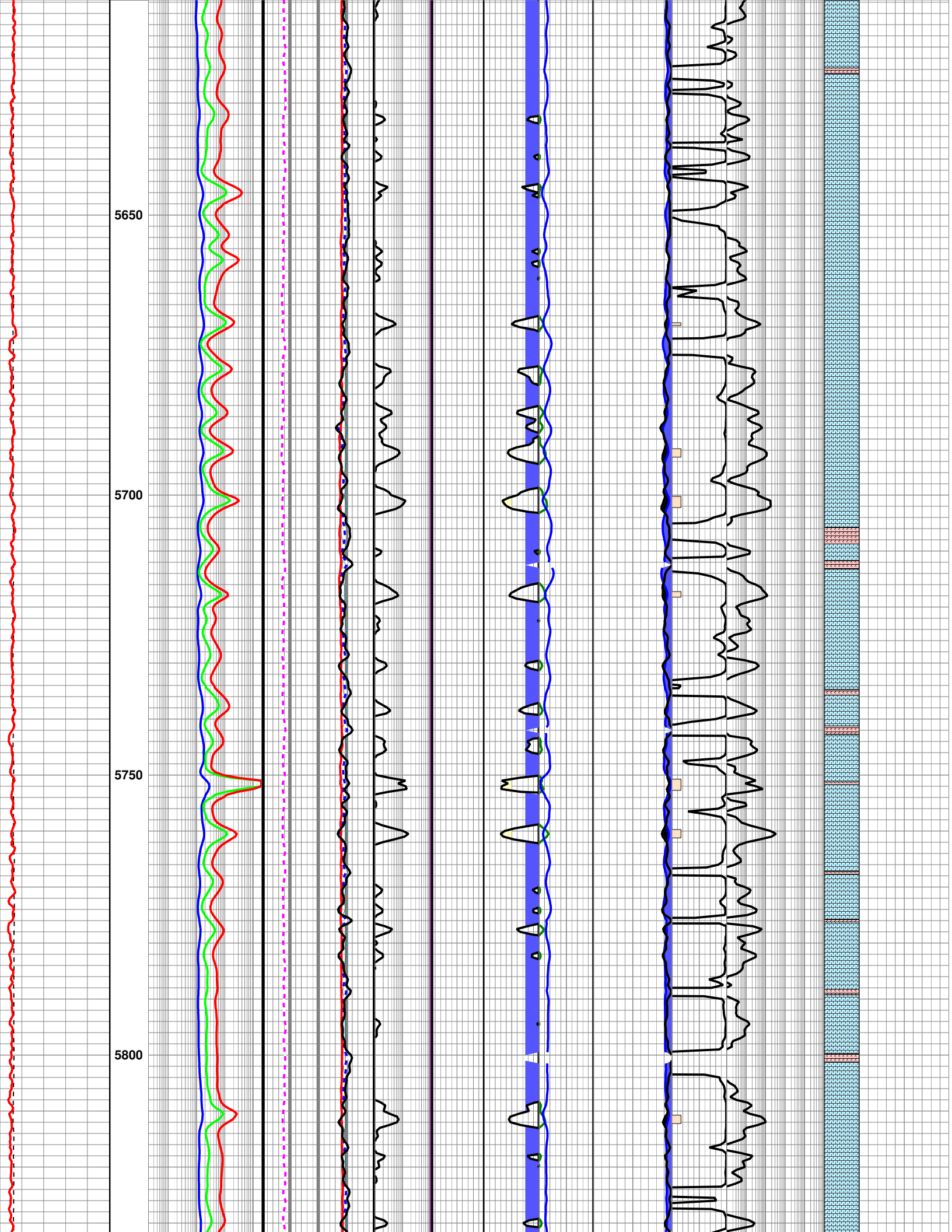


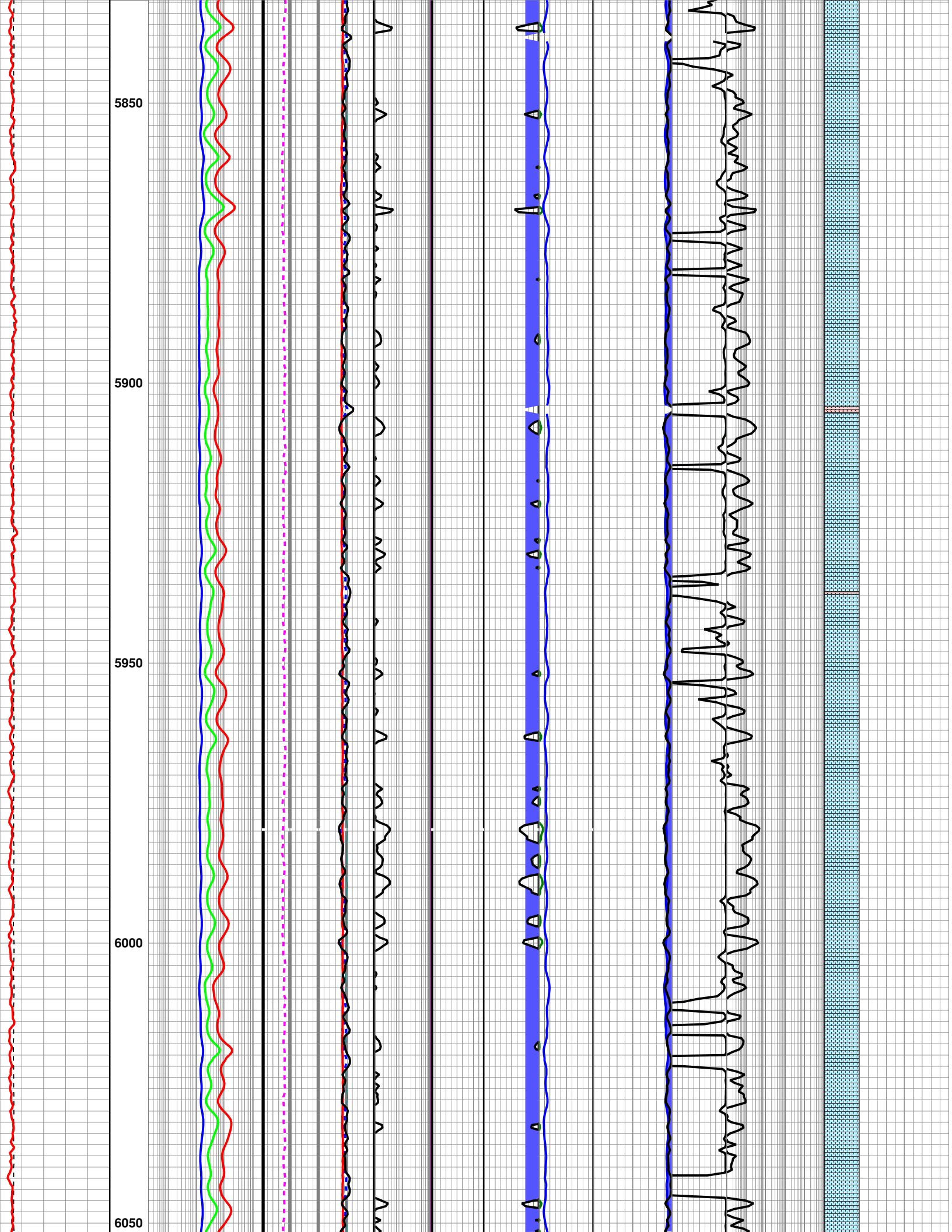


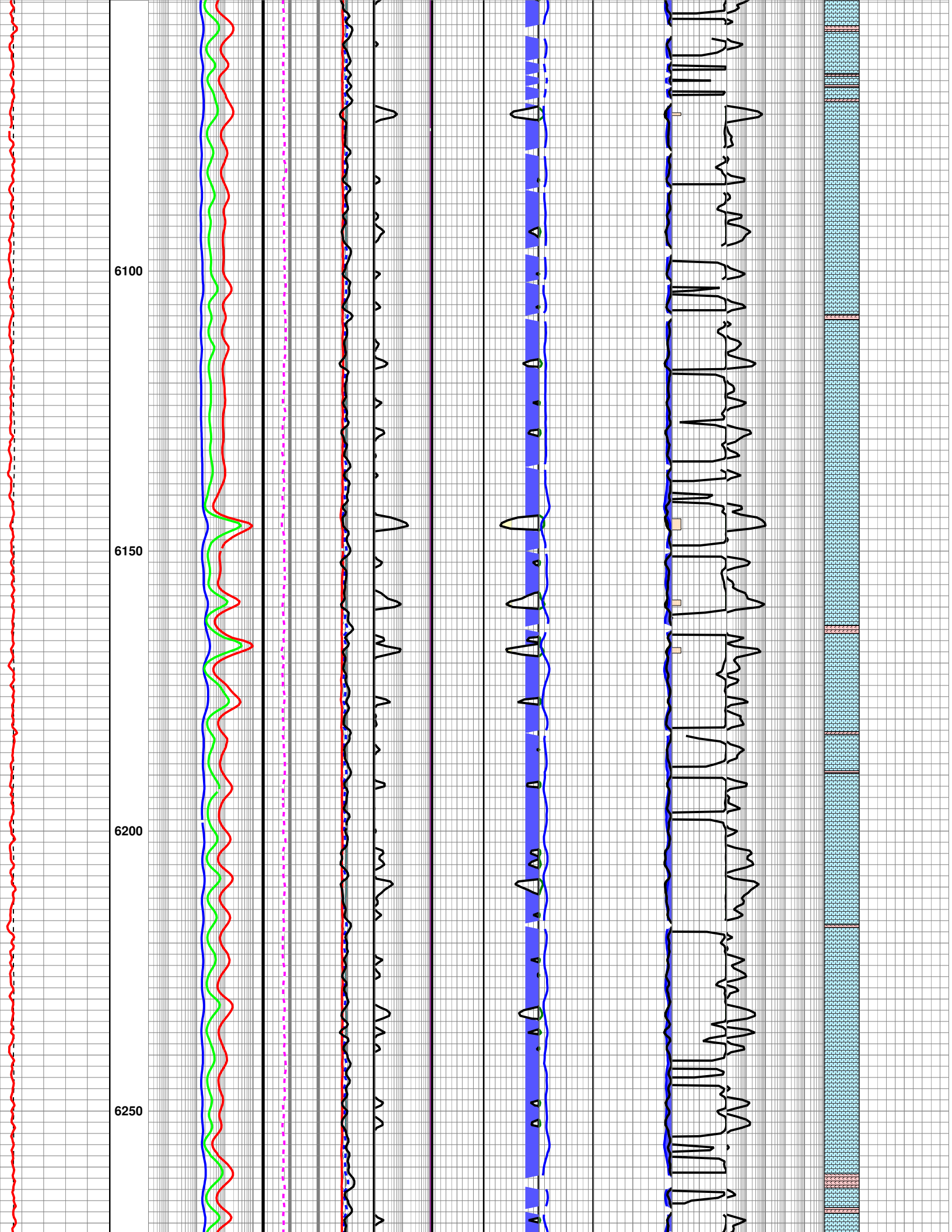


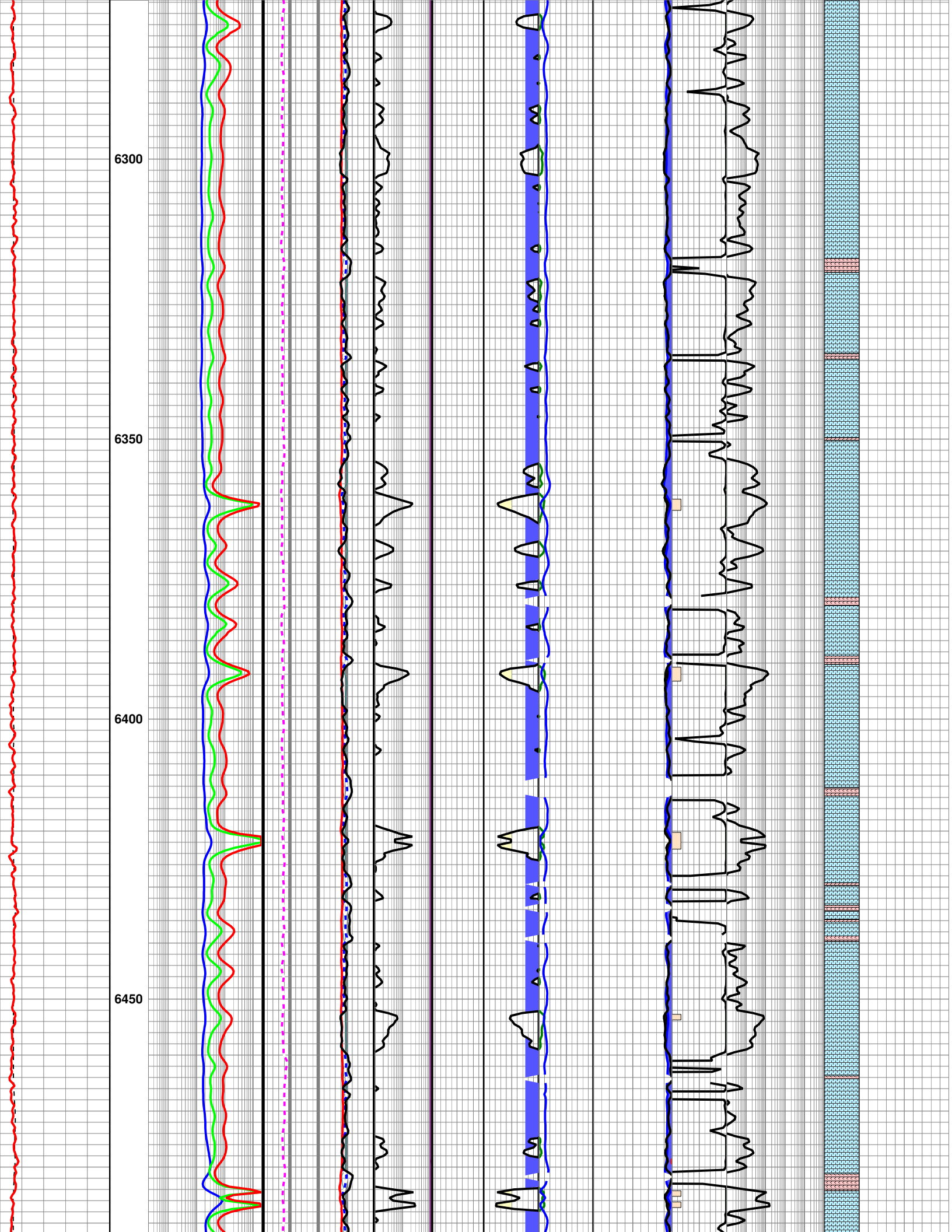


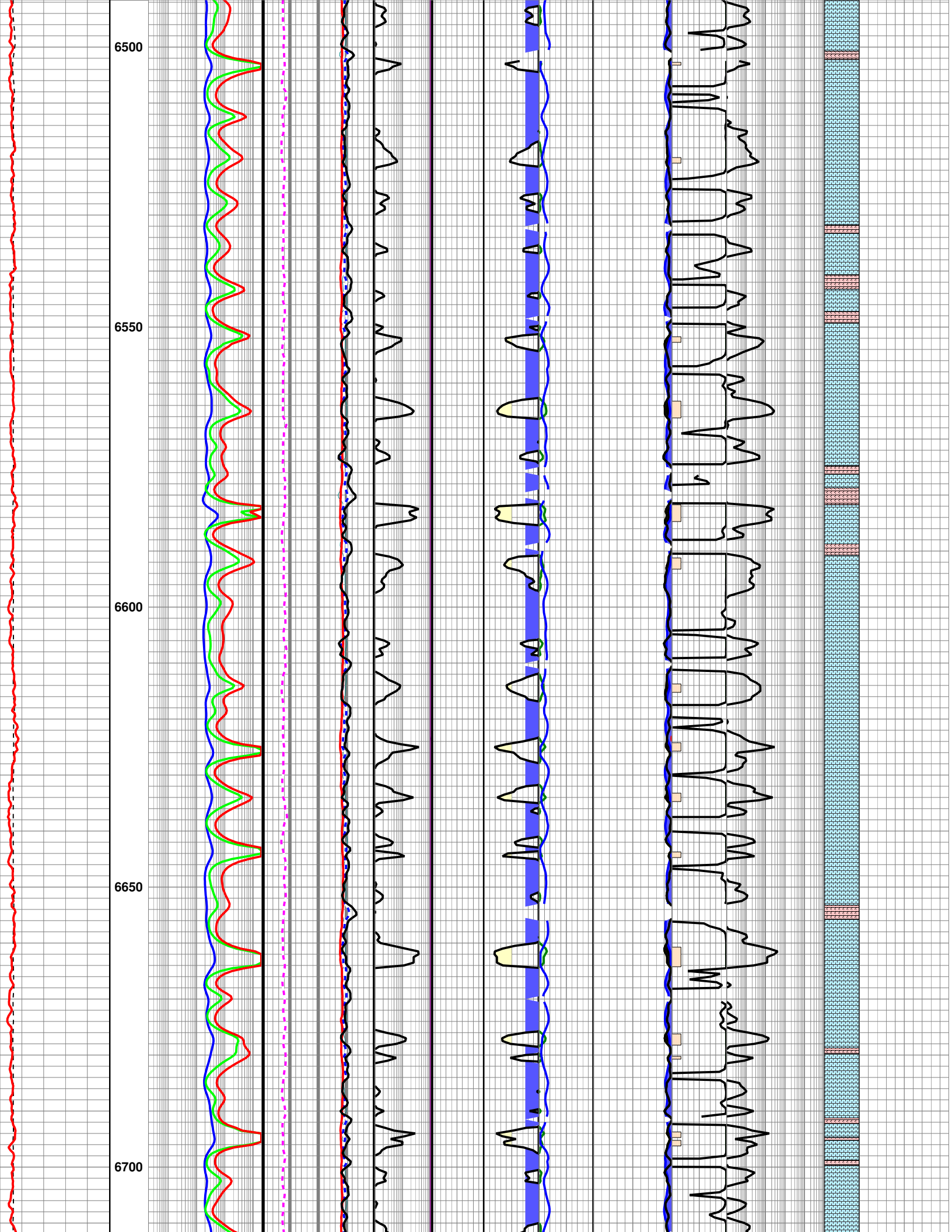


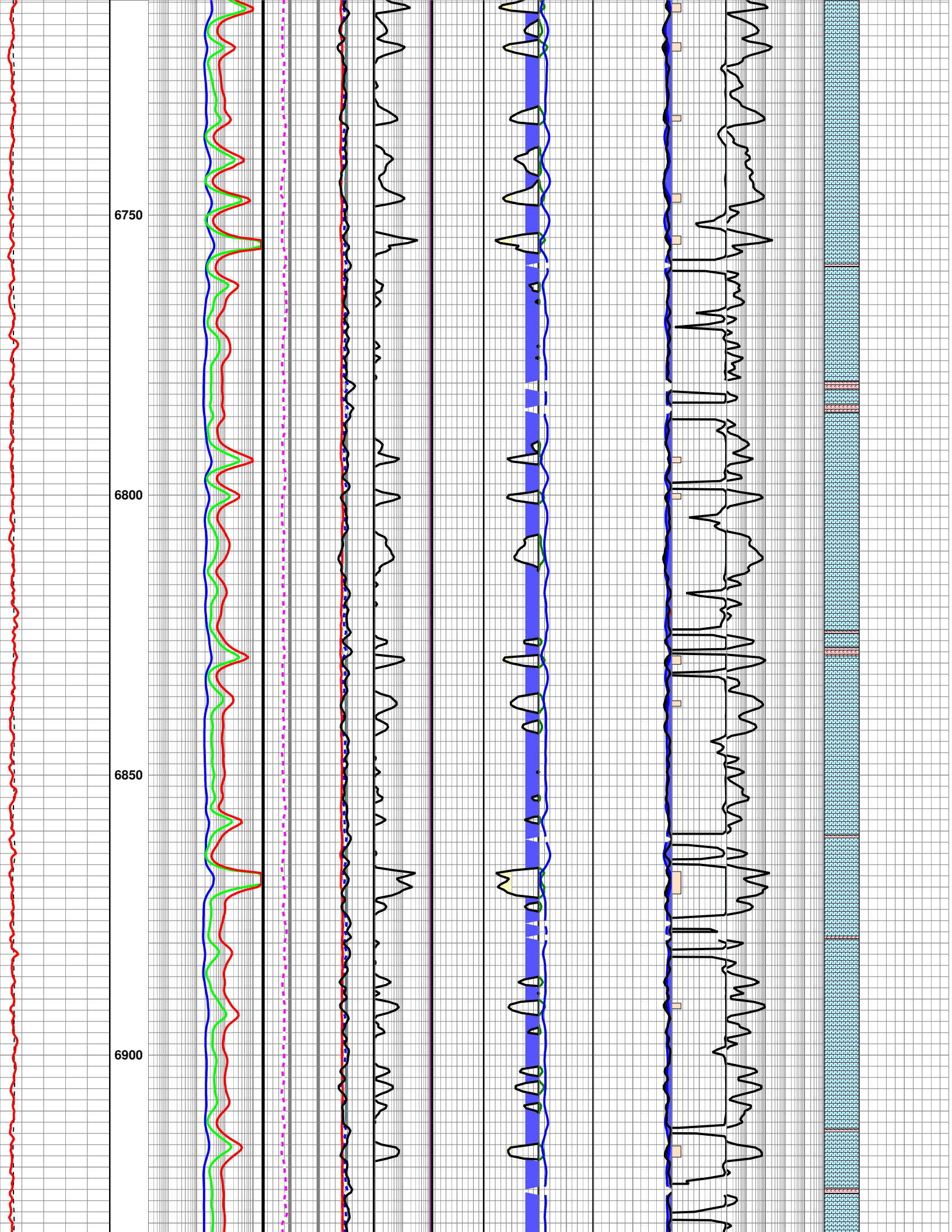


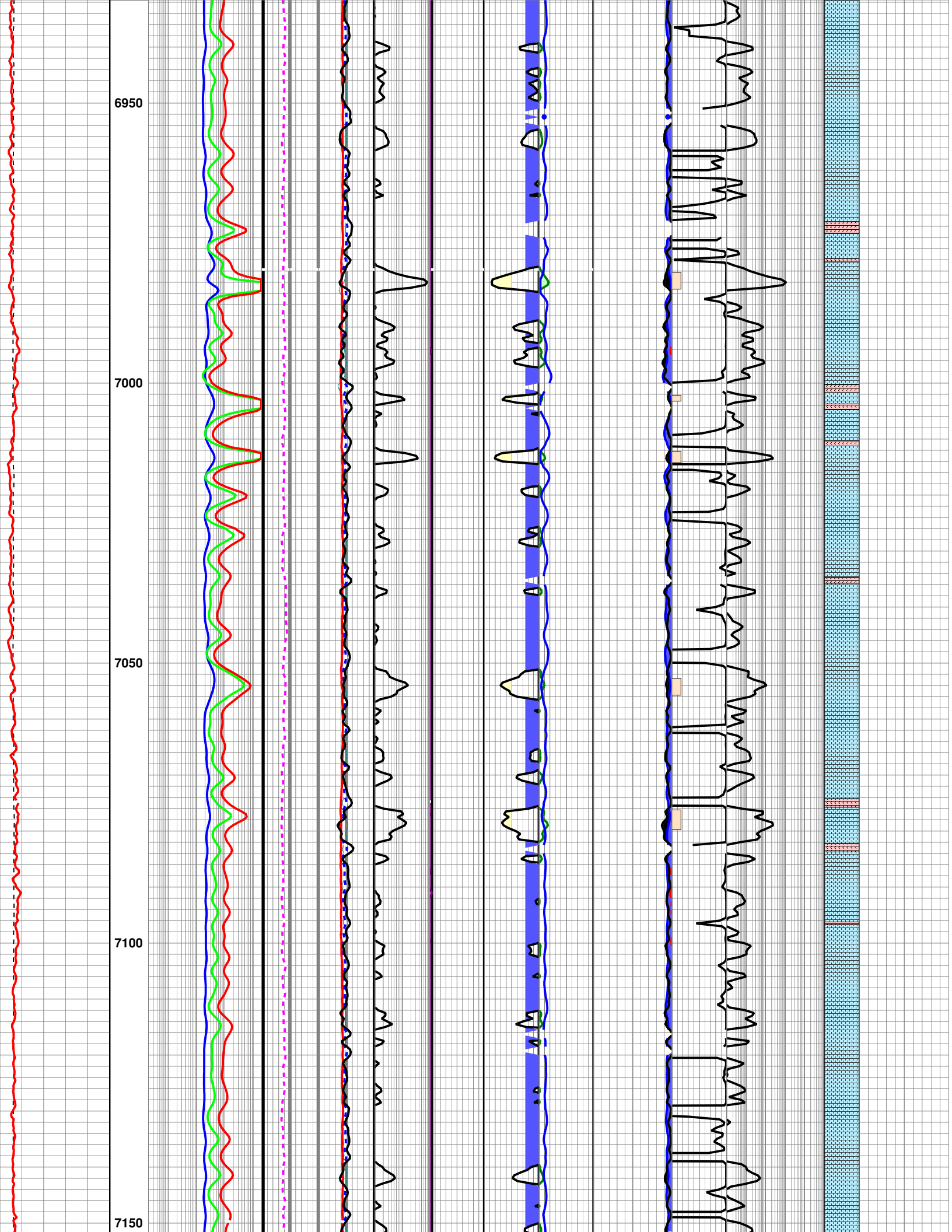


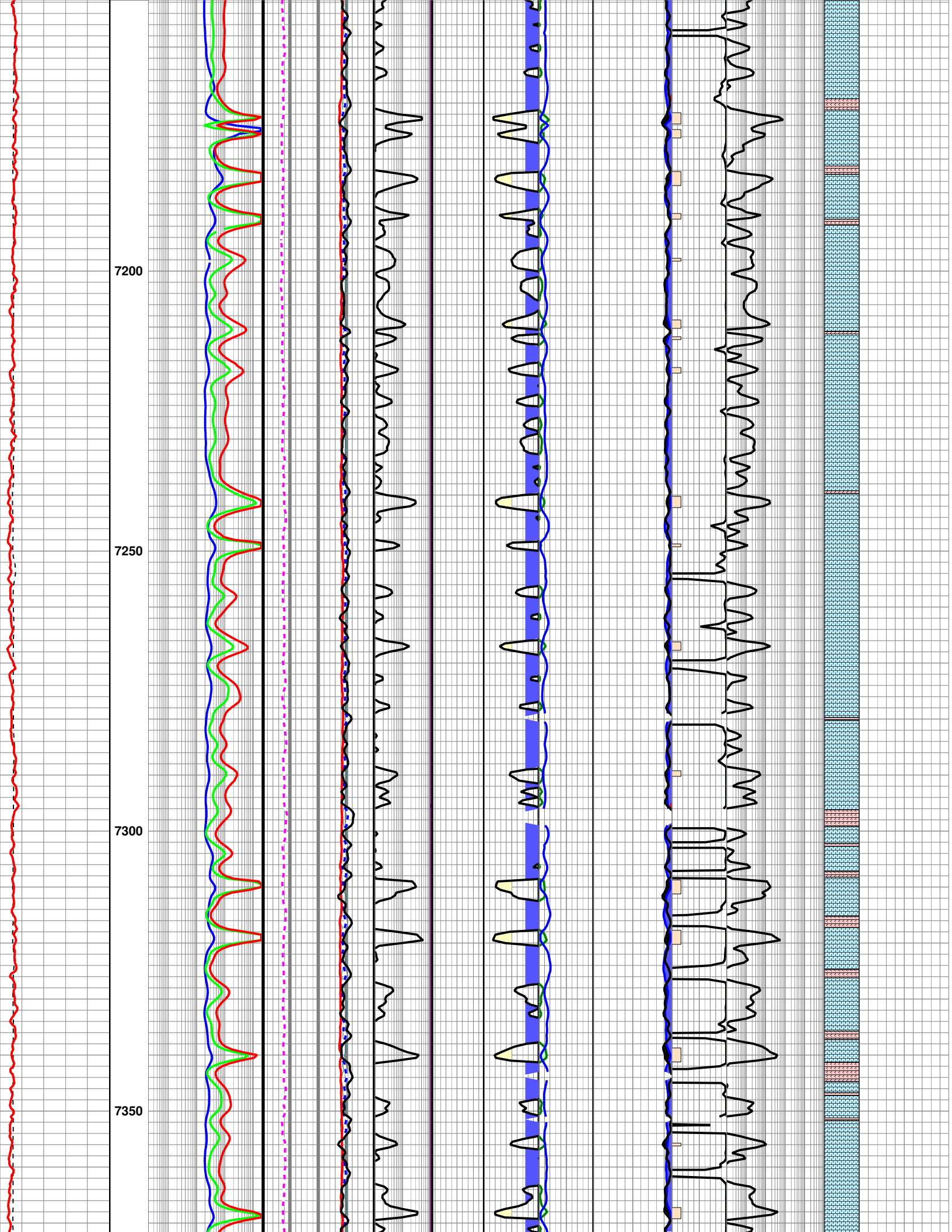


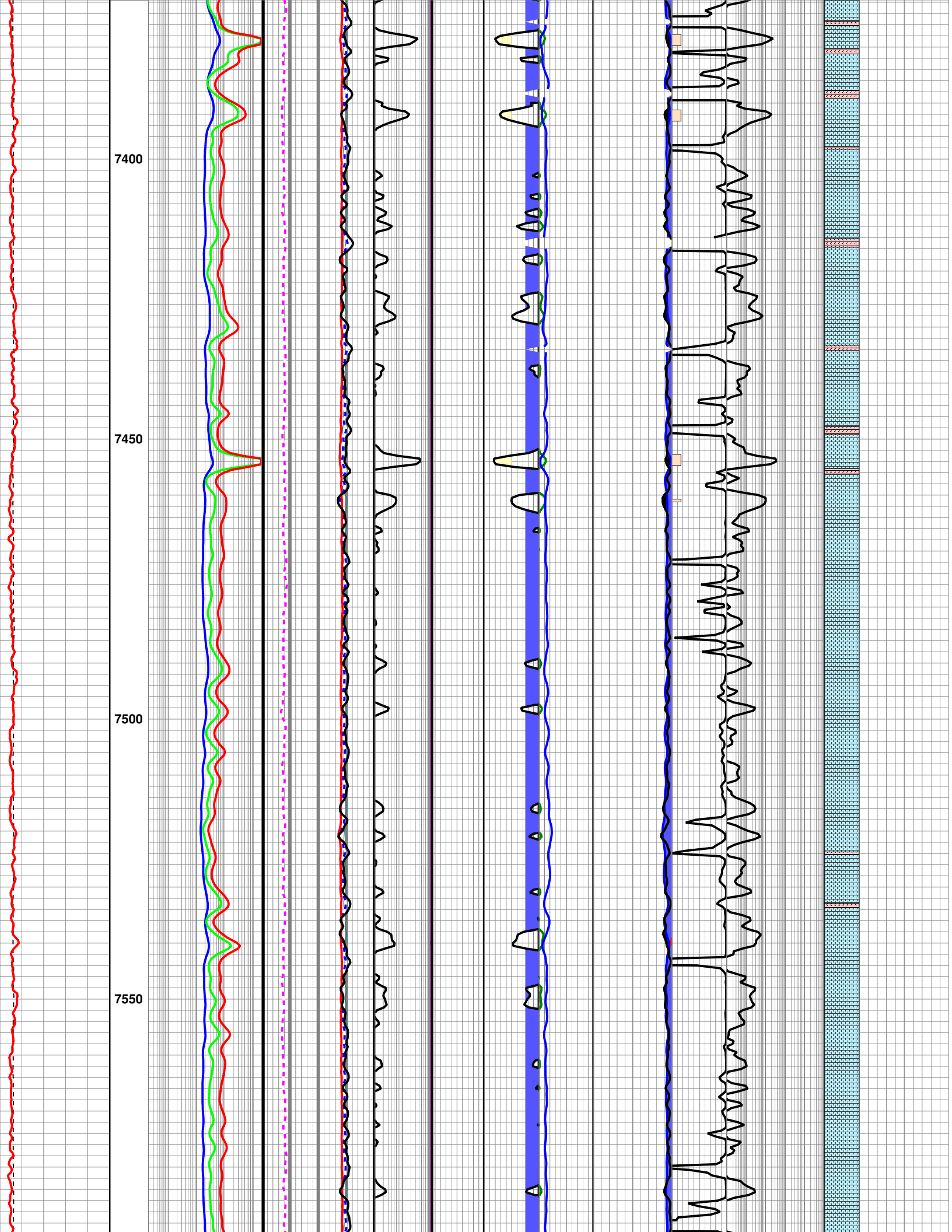


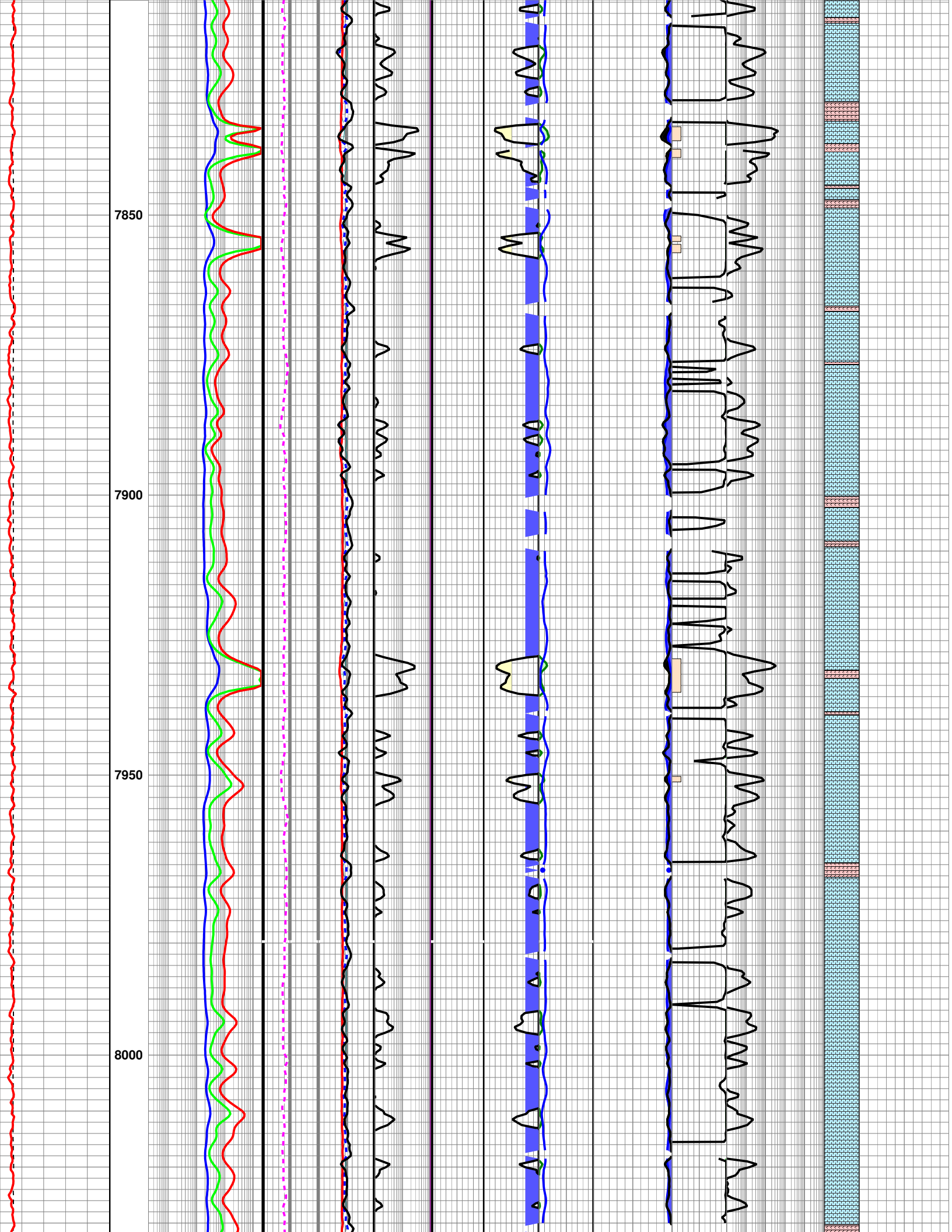


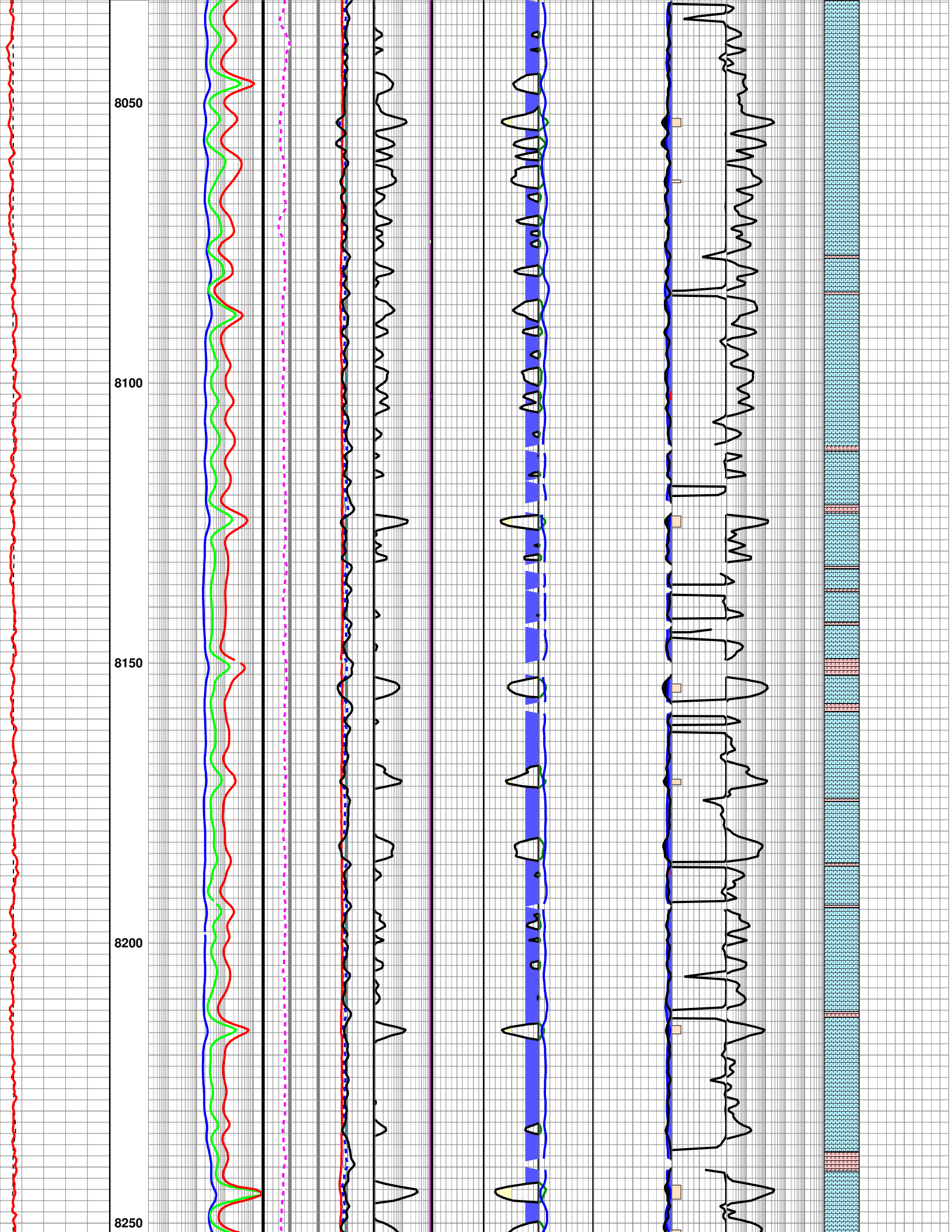


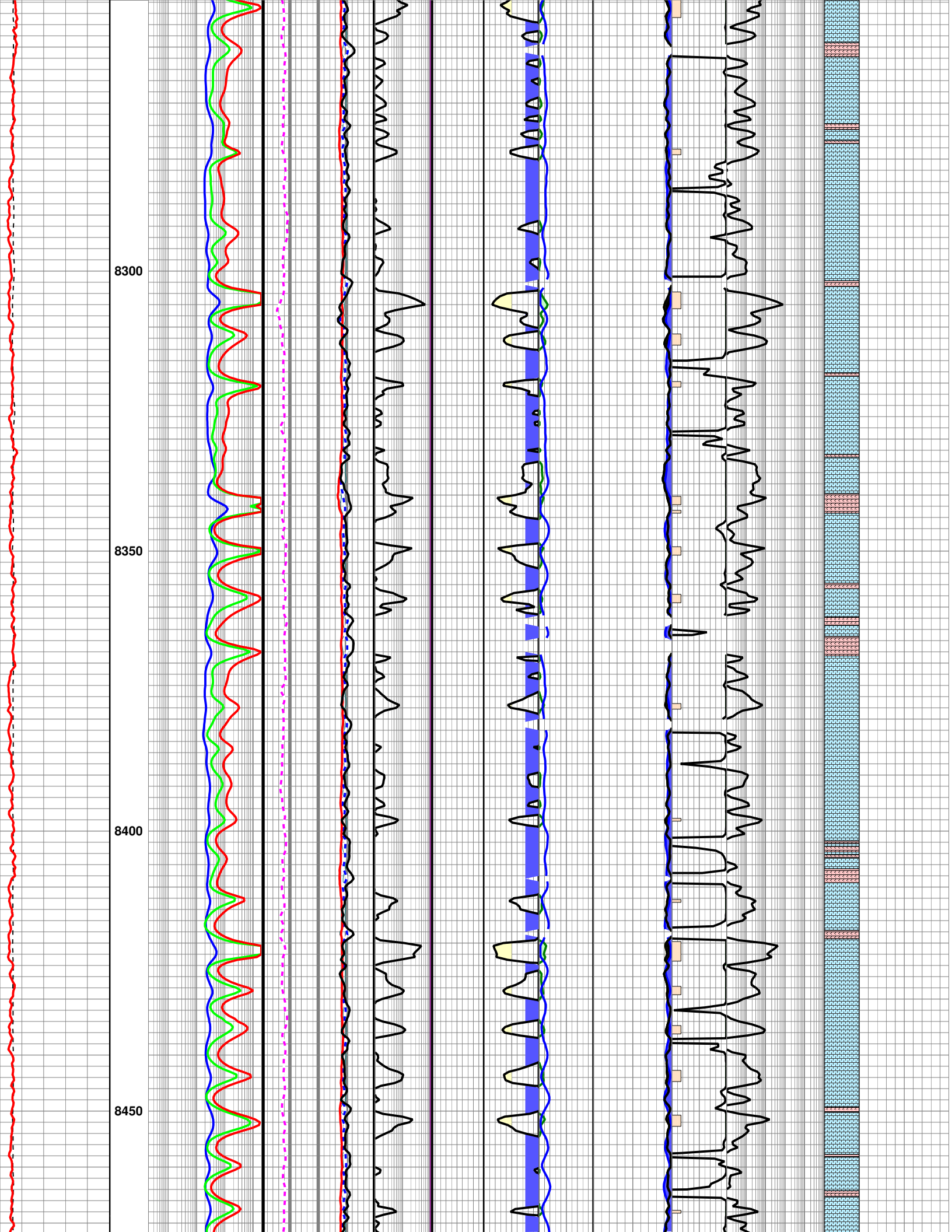


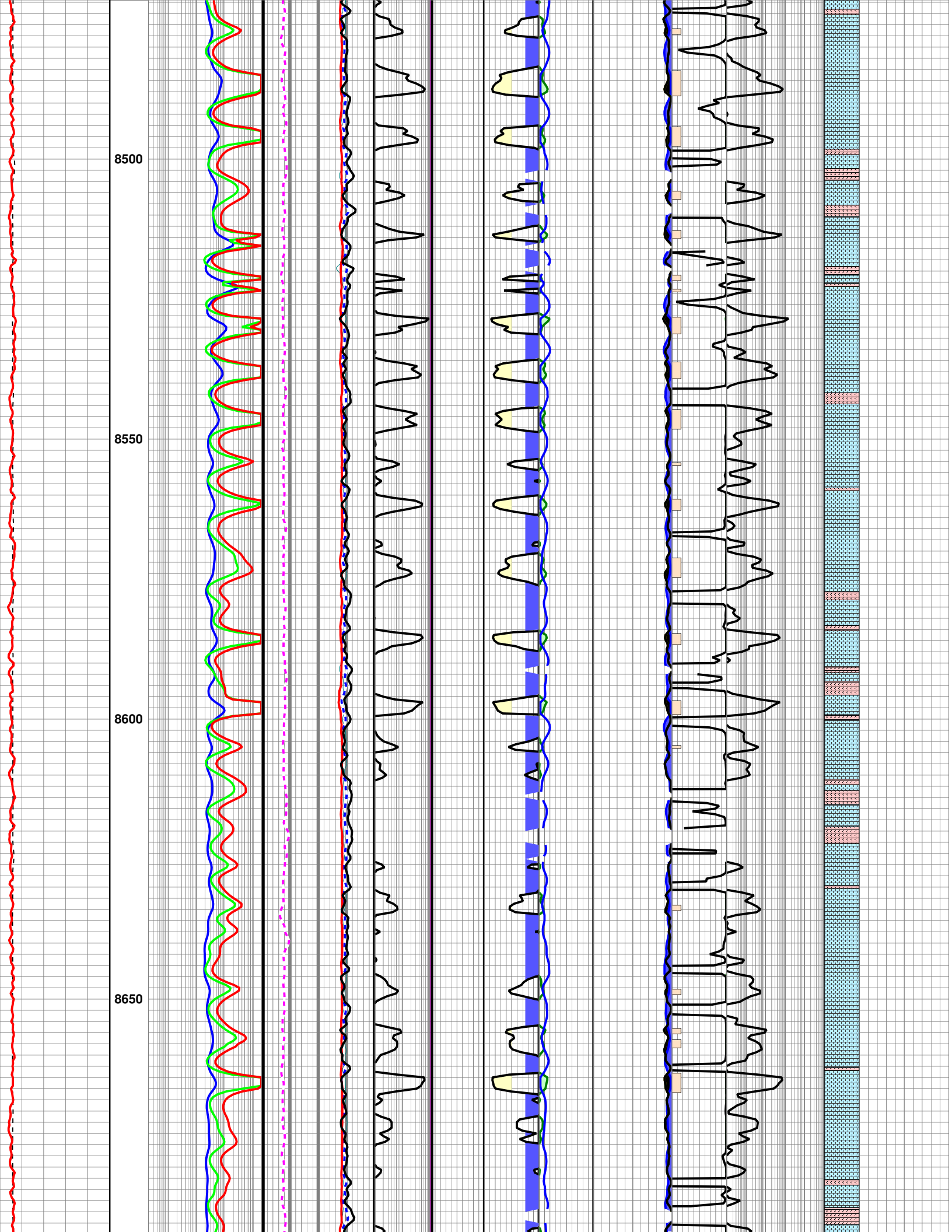


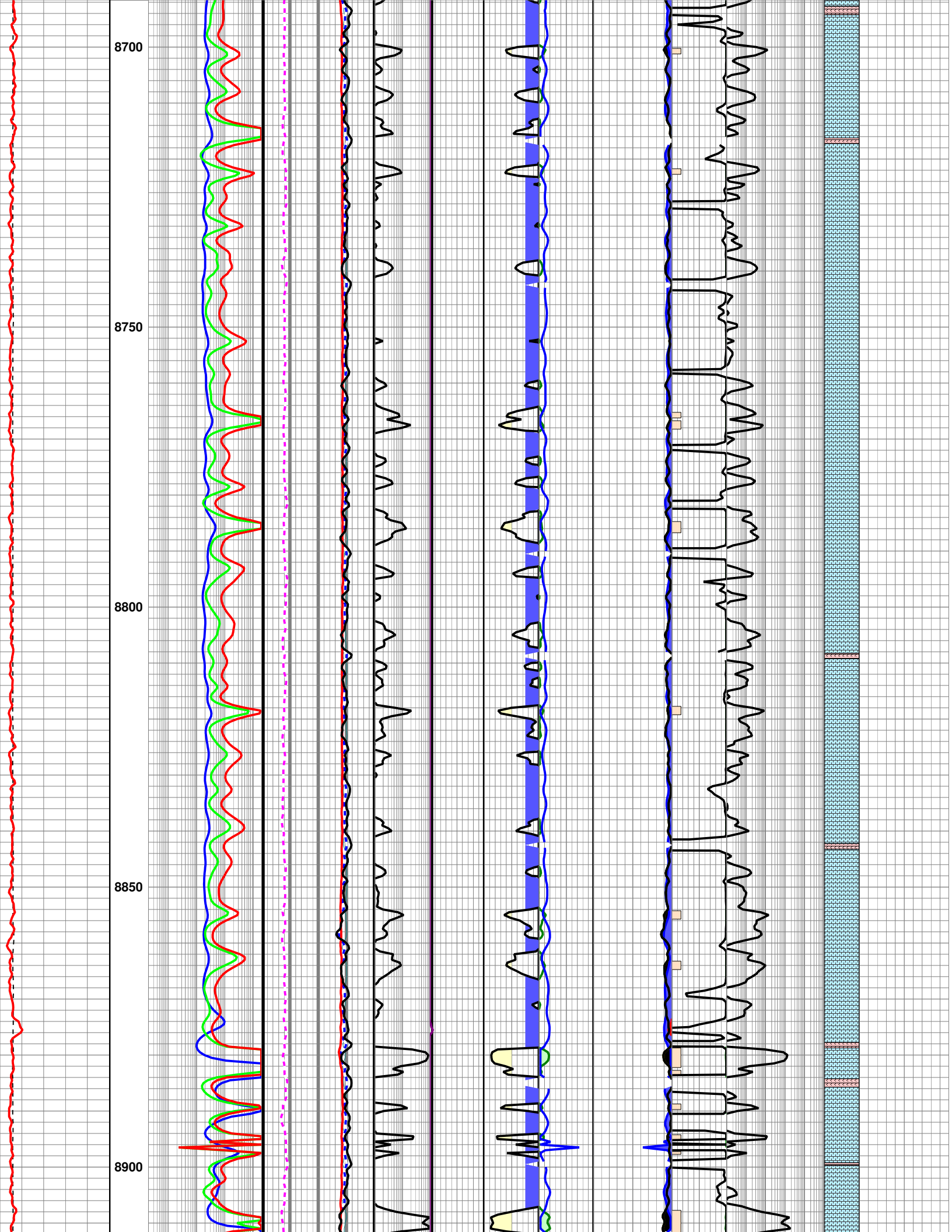


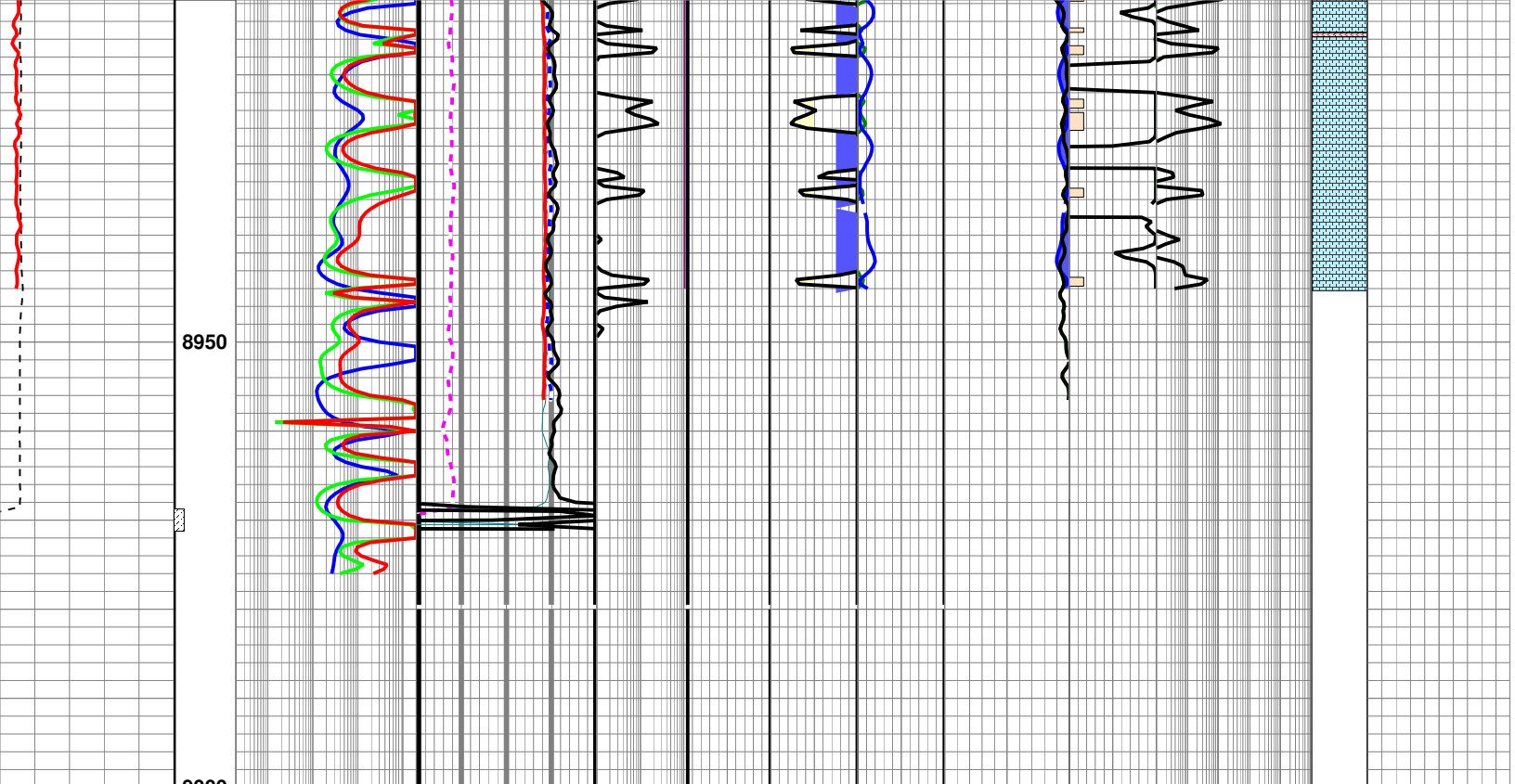












Correlation	Depth	O-H Resistivity	O-H Porosity	RWA Flag	Vclay	Sw	BVw	Pore Space	RP	K(Coats)	NT-LIT	Mudlog Data
CGR(N/A)	MD	esD(60IN_2FT_RES	PHID	RWA_SXP	Vshl	SwE	BVW	PHIT	Kwtr	K	ndsto	C1(N/A)
0	150	0.2 96.348 2000	0.3 0.006 -0.10	0.01013 10.00000	10	1.028 10	0.01010	0.2 0.012 01	0.004 00.1	0.62810000	0.0	250
GR	BHF	esM(30IN_2FT_RES	PHIN		Vshl>40%	SW>=75%	BVhc	PHIA	Khc		nestor	C2(N/A)
0	14.593 150	0.2 39.578 2000	0.3 0.017 -0.1				0-0.000	0.2 0.012 01	0.000 0		0.0	250
CALI(DCAL)	Net Pay	esS(10IN_2FT_RES	SXP			Sw<50%	Vhc > BV	BVW	Khc>Kwtr		olomit	C3(N/A)
5	6.248 15	0.2 14.679 2000	0.3 0.012 -0.1					0.2 0.012 0			0.0	250
			PEF					PHIE	Khc>Kwtr		Shale	C4(N/A)
			0.0 3.909 20					0.2 0.012 0			0.0	250
			DRHO					BVWb				OIL_CURVE
			0.75 0.019 -0.25									150-999.250 1
			Crossover					Hydrocarbon				ROP2
								Clay Water				150-999.250 0
								Bound Water				