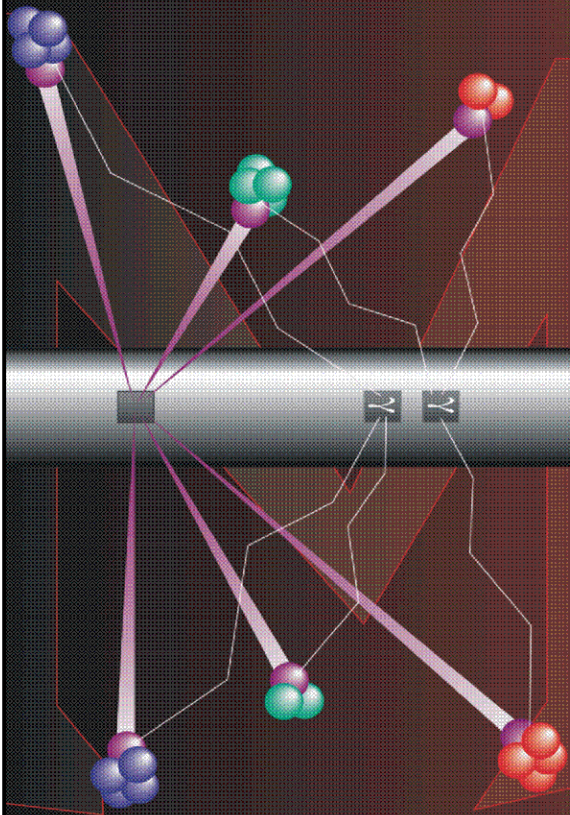




# Pulsed Neutron Formation Evaluation



## RESERVOIR PERFORMANCE MONITOR GASVIEW SATURATION ANALYSIS

COMPANY EXXONMOBIL PRODUCTION COMPANY

WELL FRU 197-33A6

FIELD PICEANCE CREEK

COUNTY RIO BLANCO STATE COLORADO

LOCATION:

SHL: 816' FSL & 2368' FEL

SEC 33 TWP 1S RGE 9W

ELEVATIONS:

KB 6417.4 FT DF 6416.4 FT GL 6388 FT

DATE 28-Apr-2010 ECC 3392

IN MAKING INTERPRETATIONS OF LOGS OUR EMPLOYEES WILL GIVE CUSTOMER THE BENEFIT OF THEIR BEST JUDGEMENT. BUT SINCE ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS, WE CANNOT, AND WE DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATION. WE SHALL NOT BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COST, DAMAGES, OR EXPENSES WHATSOEVER INCURRED OR SUSTAINED BY THE CUSTOMER RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR EMPLOYEES.

### COMPUTATION PARAMETERS

COMPUTATION	LOGS USED: <u>RPM-C</u>		PROGRAM: <u>GASVIEW</u>	
	CENTER: <u>DENVER GEOSCIENCE</u>	LOG ANALYST: <u>M.STARR</u>		DATE: <u>28-APR-2010</u>
FIELD DATA	LOCATION: <u>VERNAL, UT</u>		ENGINEER: <u>J.OSTLER/576799</u>	DATE: <u>22-APR-2010</u>
FROM	TO			
<u>6300 FT</u>	<u>12110 FT</u>			

### REMARKS

ISS CUTOFF VALUE FOR COAL/WASHOUT IS 710000  
POROSITY CUTOFF VALUE FOR GAS SATURATION IS 5 PU

GASVIEW LOG PROCESSED IN FOUR ZONES:

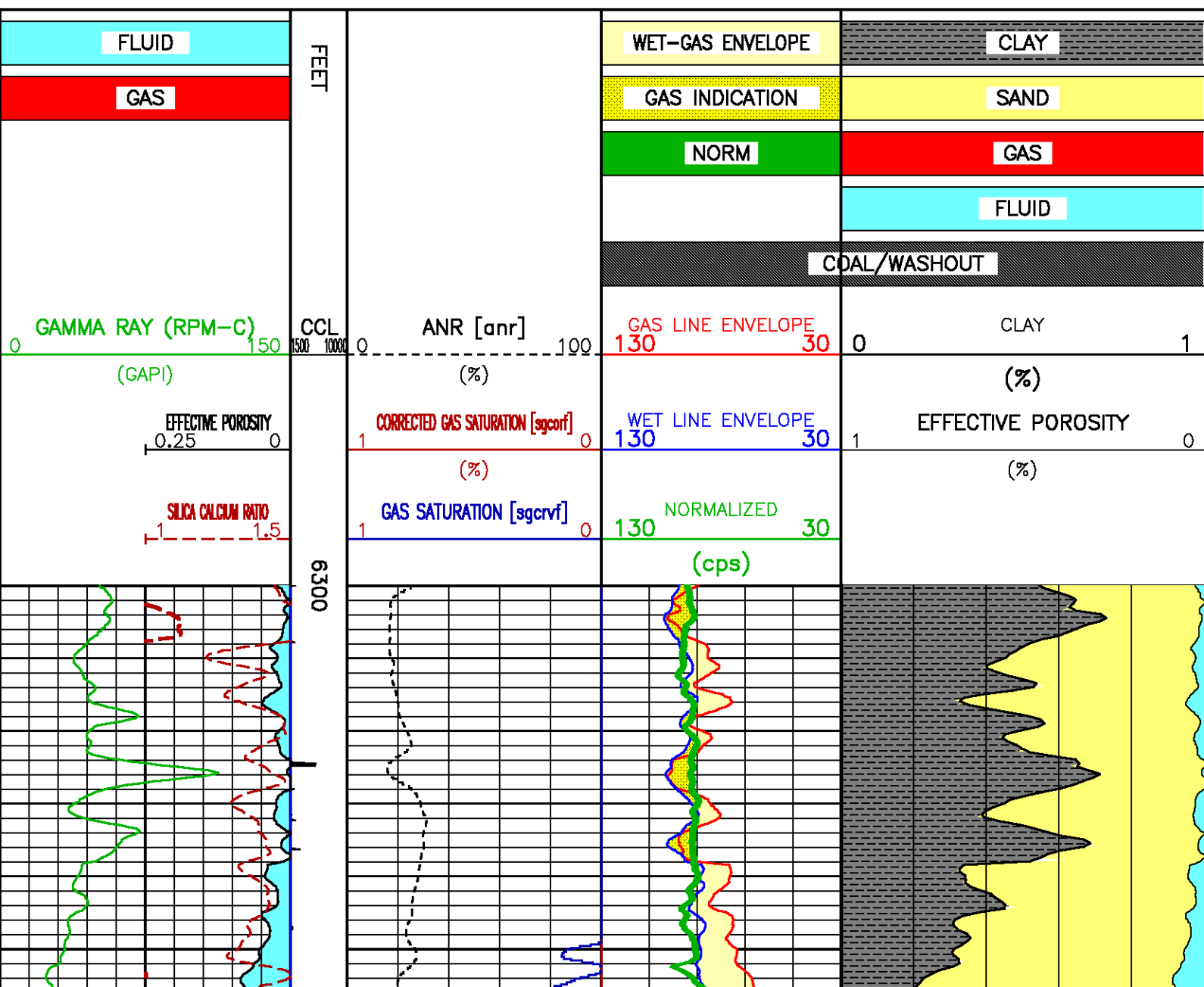
ZONE 1: 6300-6894 FT  
ZONE 2: 6894-8436 FT  
ZONE 3: 8436-10836 FT  
ZONE 4: 10836-12110 FT

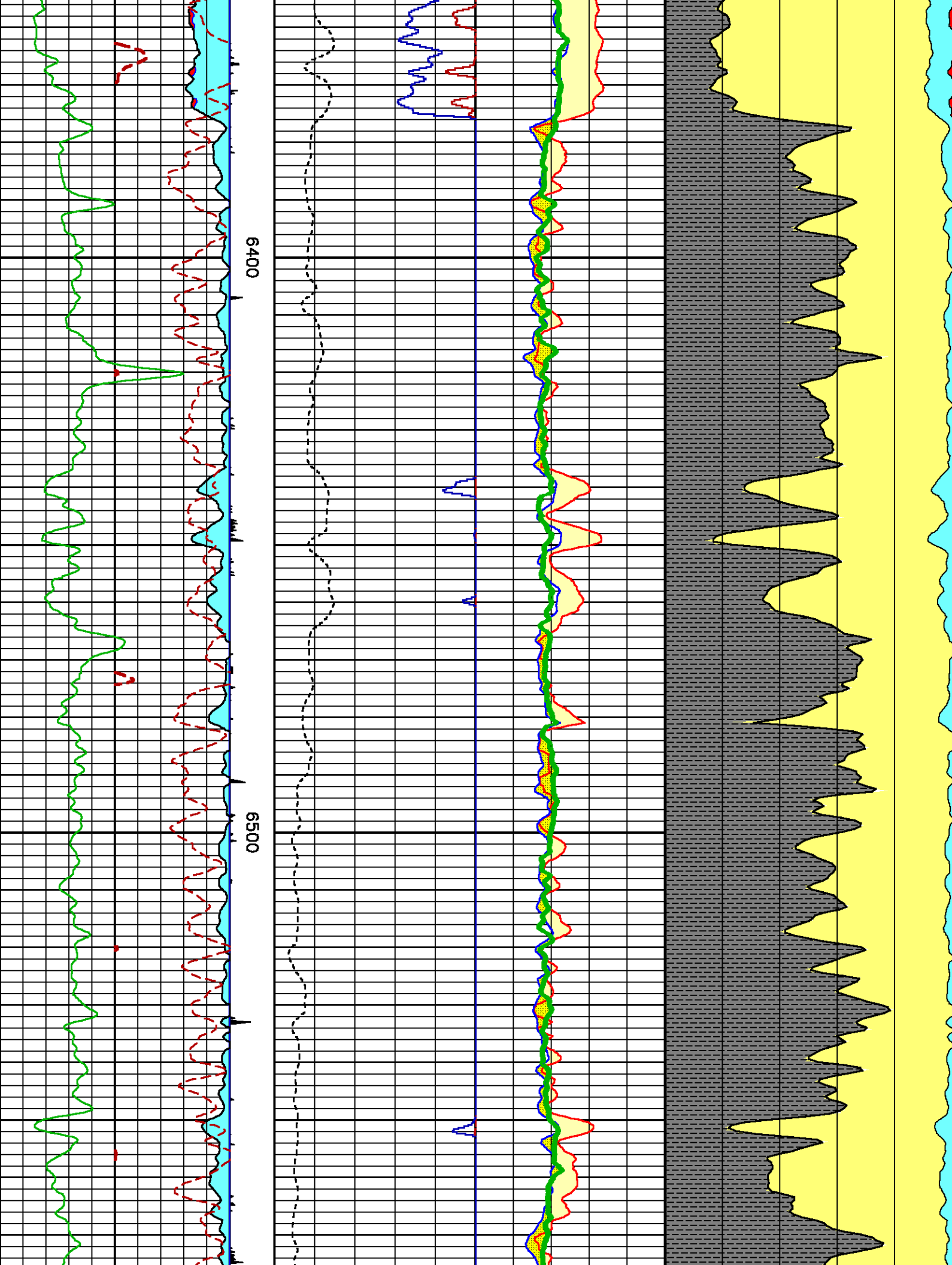
SGCORF = GAS SATURATION WITH GAS CUT CEMENT CORRECTION APPLIED  
SGCRVF = GAS SATURATION WITHOUT GAS CUT CEMENT CORRECTION APPLIED

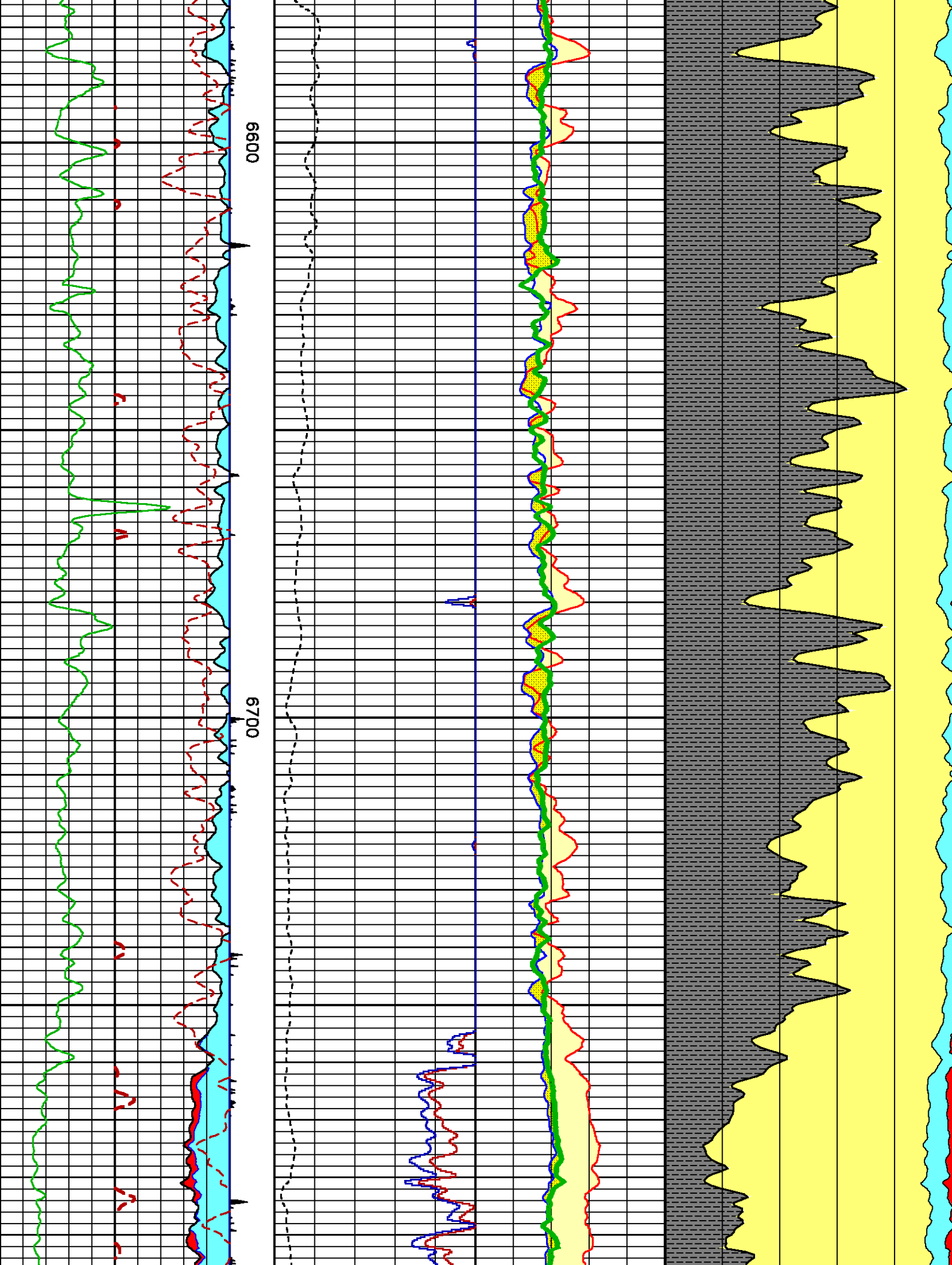
# BAKER ATLAS PRELIMINARY GASVIEW SATURATION ANALYSIS

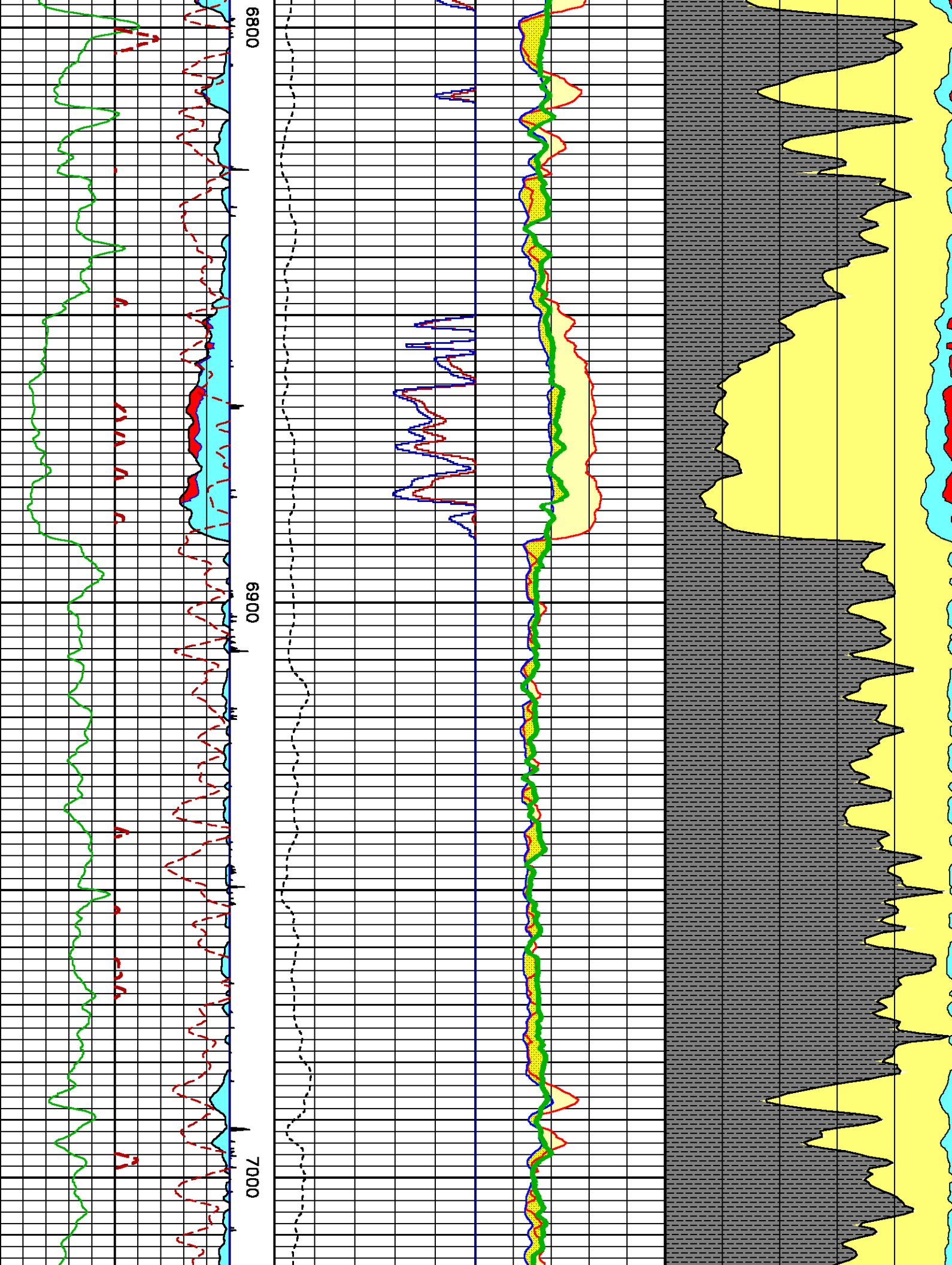
Project : /export/home/starmela/3392\_EXXON\_FRU\_197\_33A6  
 User : starmela  
 Presentation : densrv01:/export/home/starmela/3392\_EXXON\_FRU\_197\_33A6/pncgas\_8\_5\_new\_EXXON\_BOND.pdf [5"/100' Scale]  
 Plot Interval : 6300 - 12110 Feet

Data File 1 : F1 : densrv01:/export/home/starmela/3392\_EXXON\_FRU\_197\_33A6/MAIN\_SHIFT\_COR.xtf  
 Created On : Apr 26 09:03:30 2010  
 Company : EXXONMOBIL PRODUCTION COMPANY  
 Well : FRU 197-33A6  
 Field :  
 File Interval : 3500 - 12129 Feet  
 Oct : NA

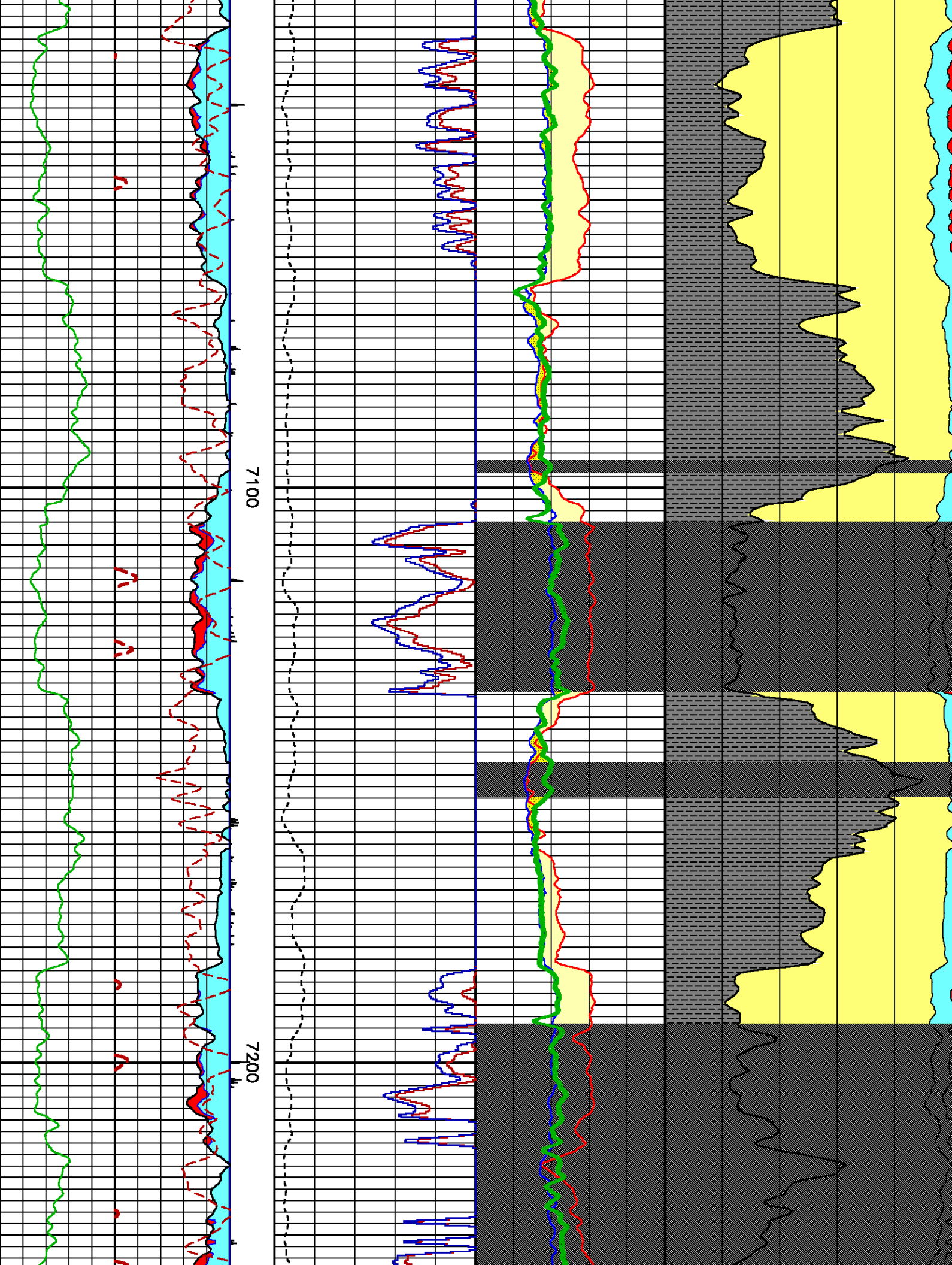


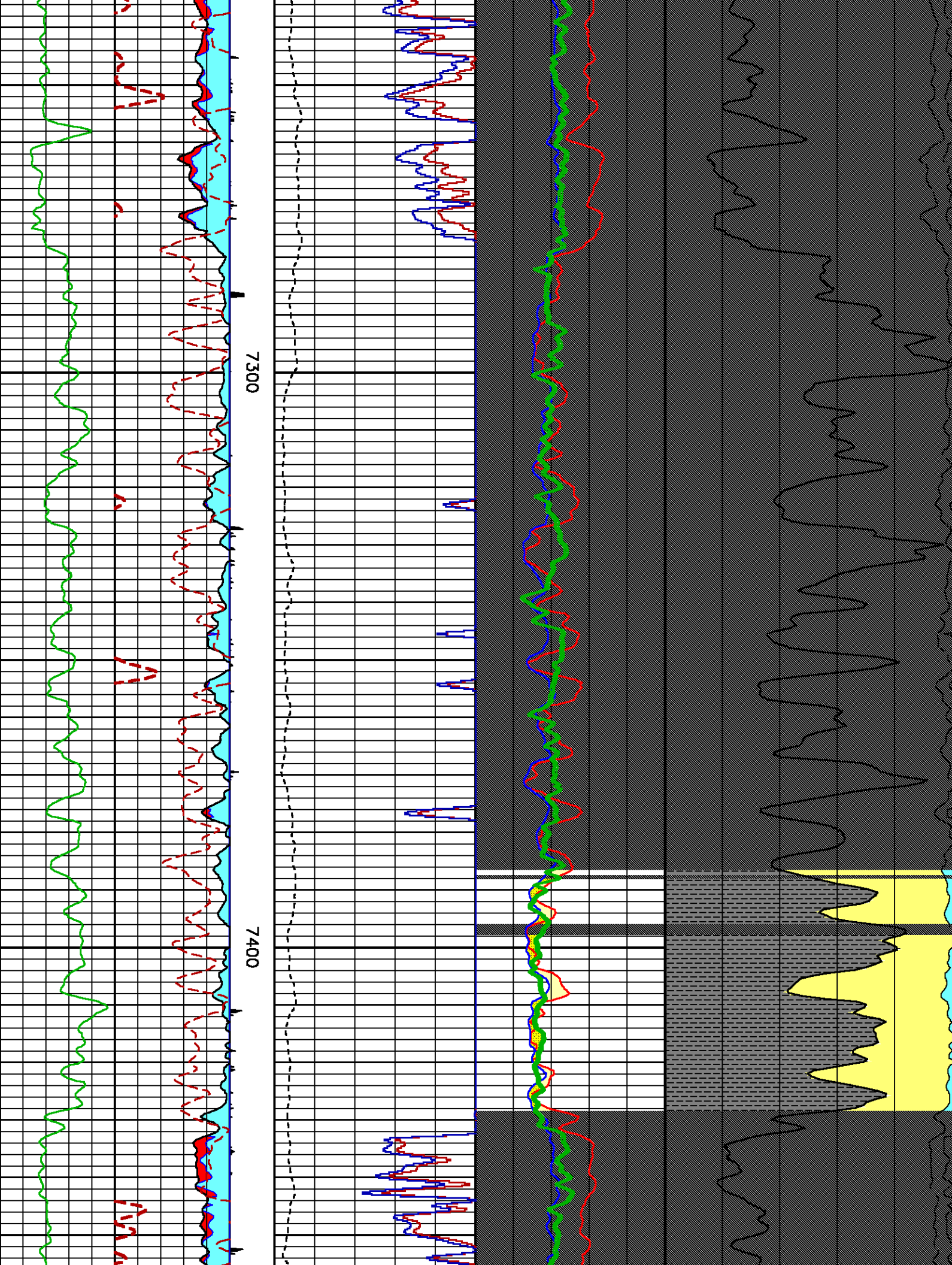




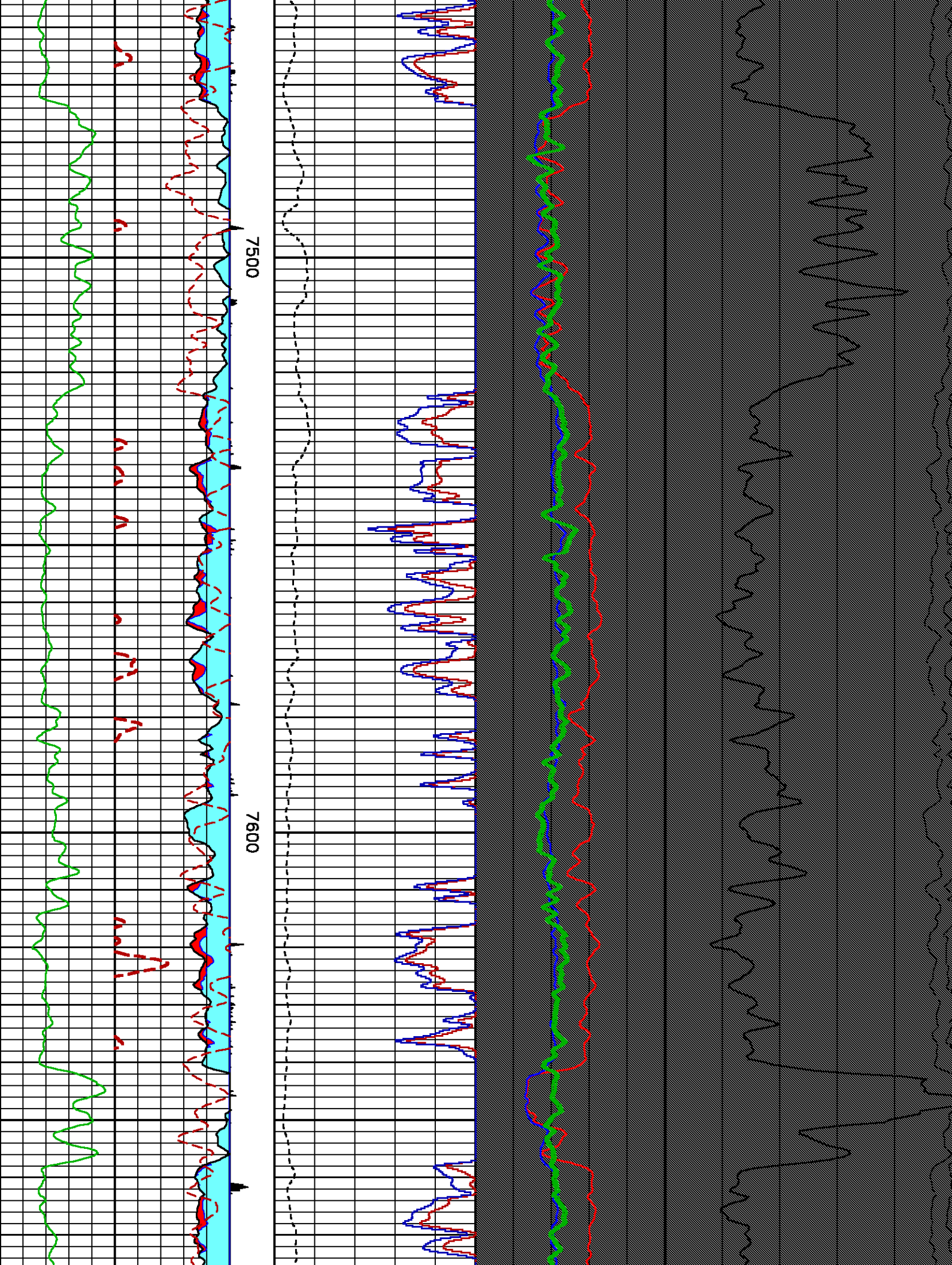




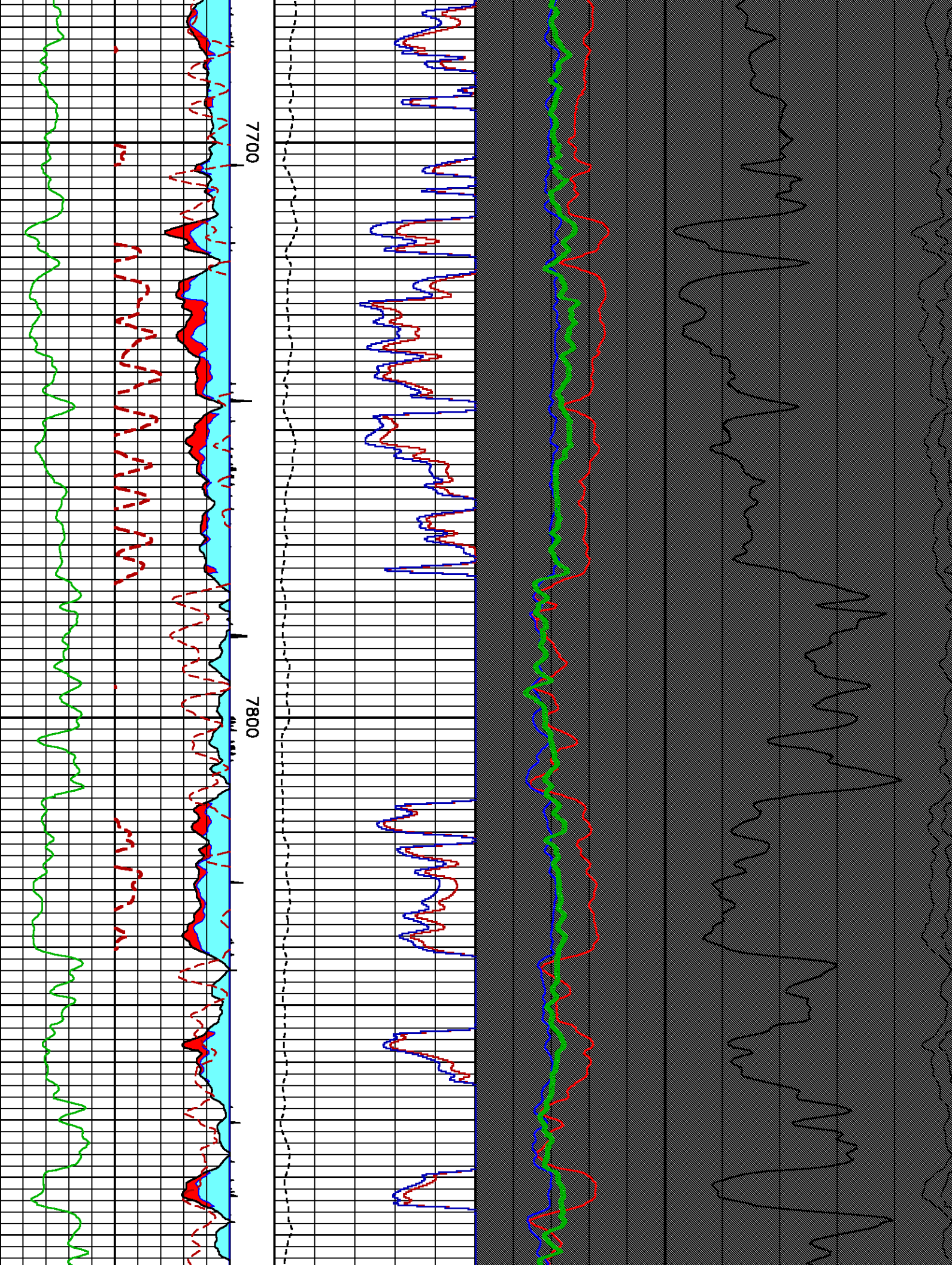




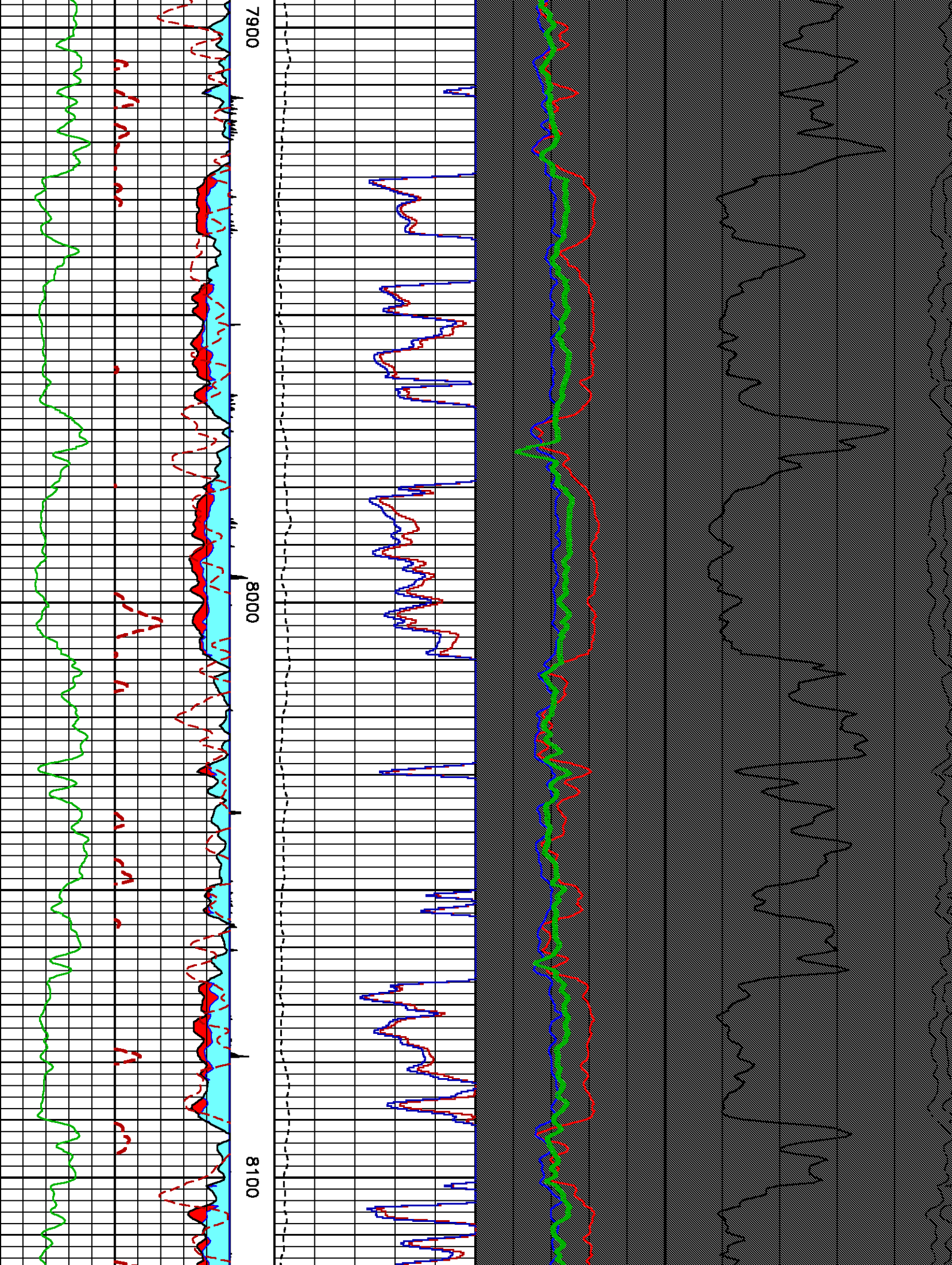




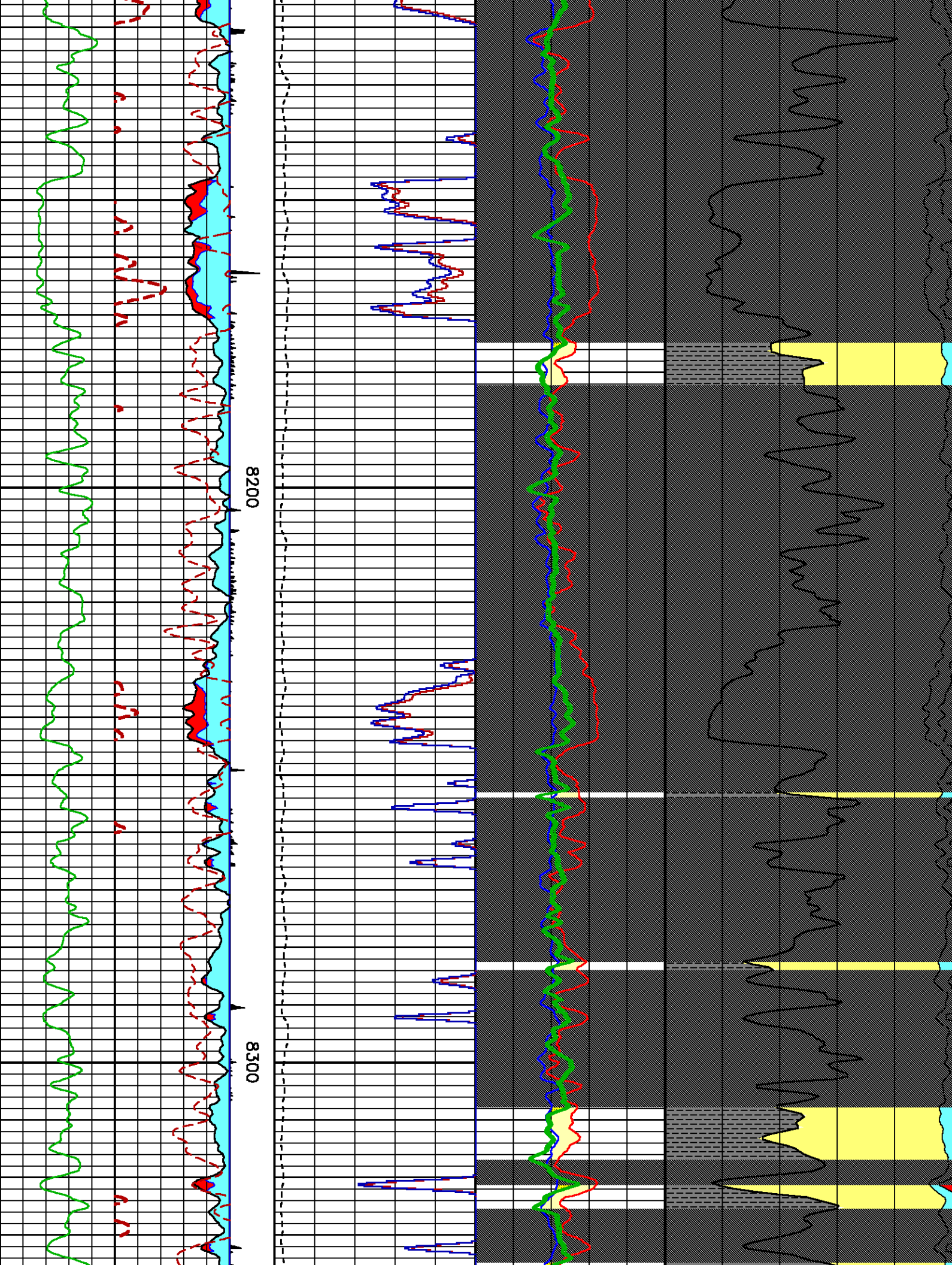




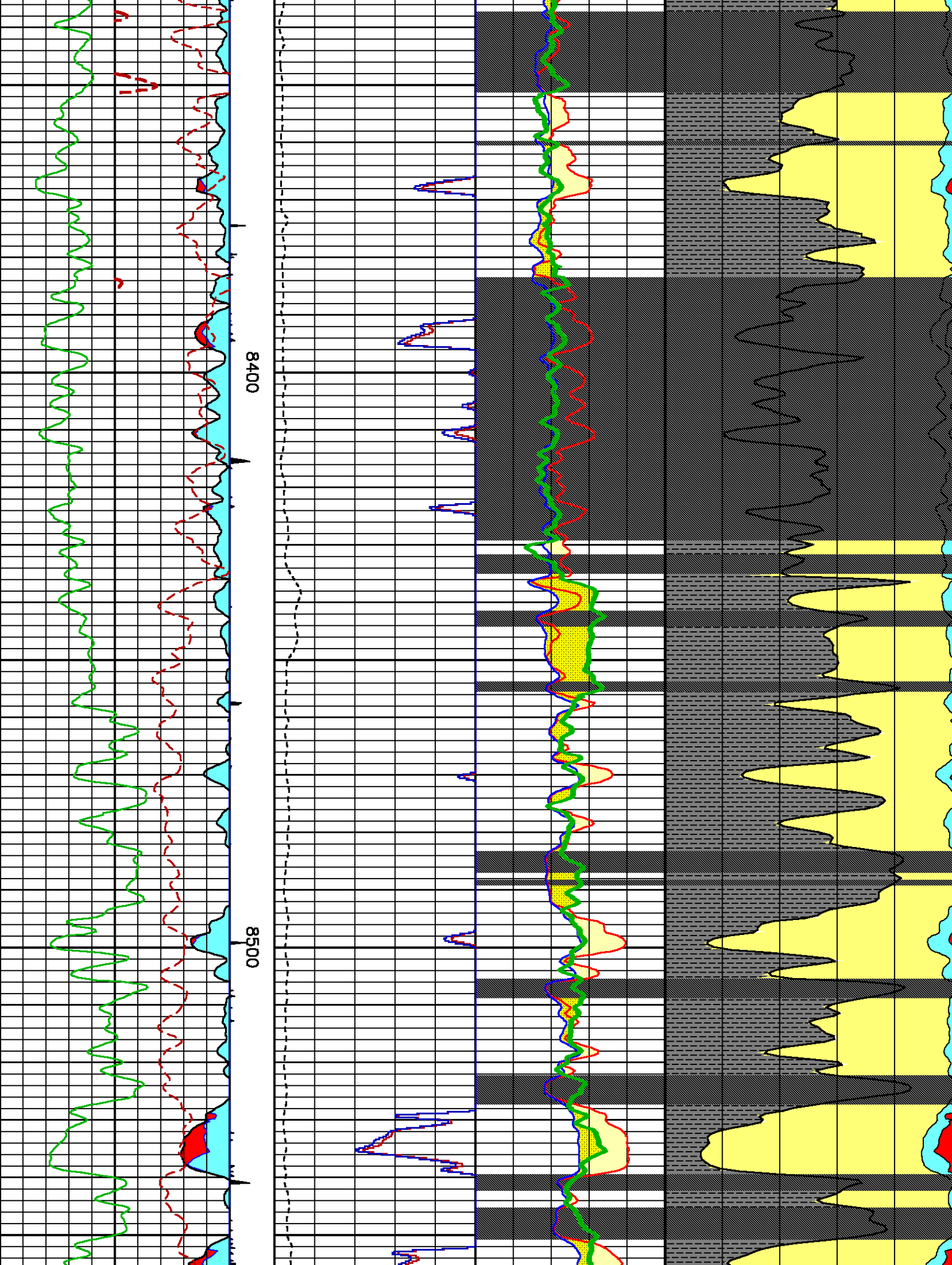


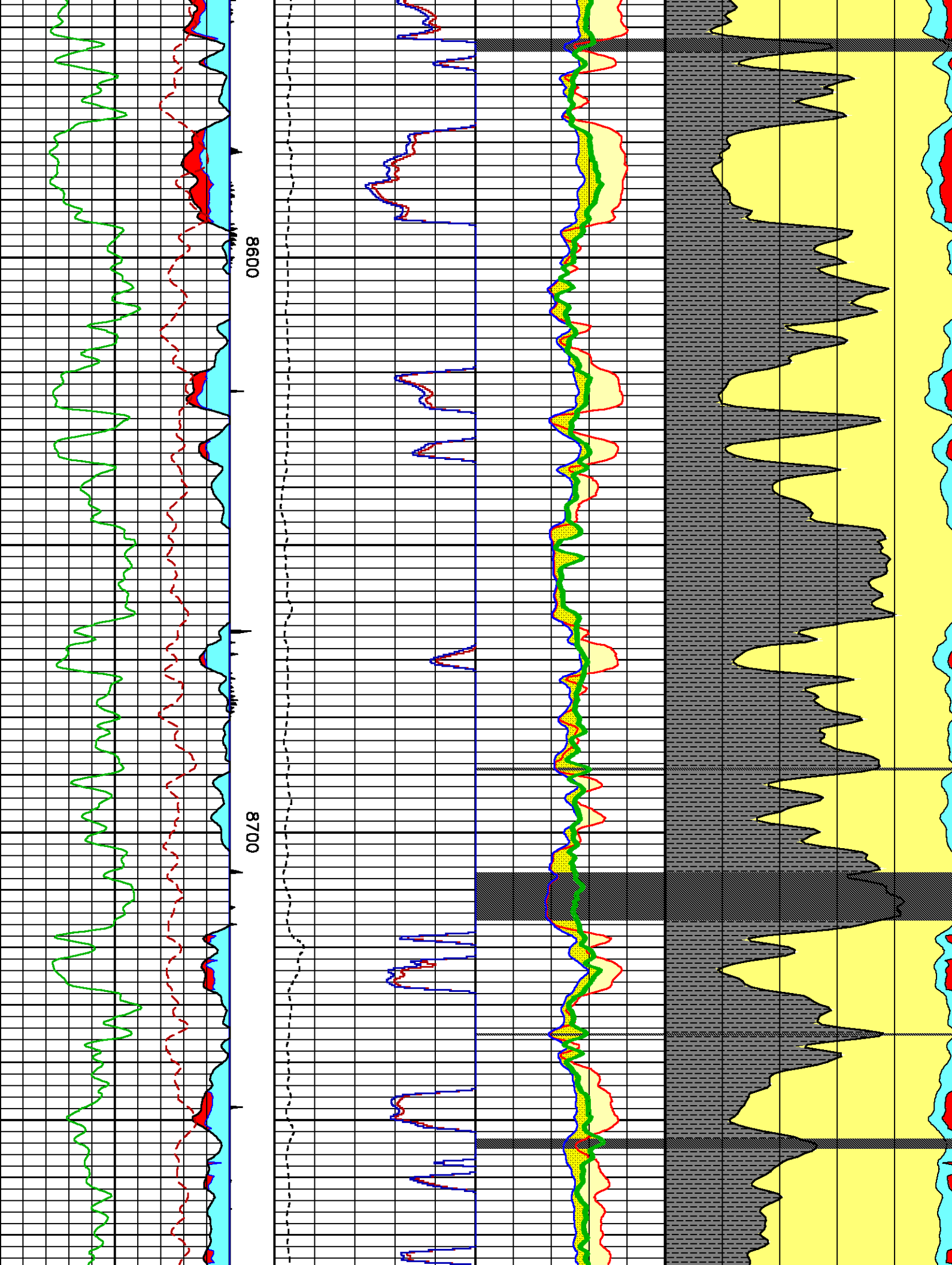


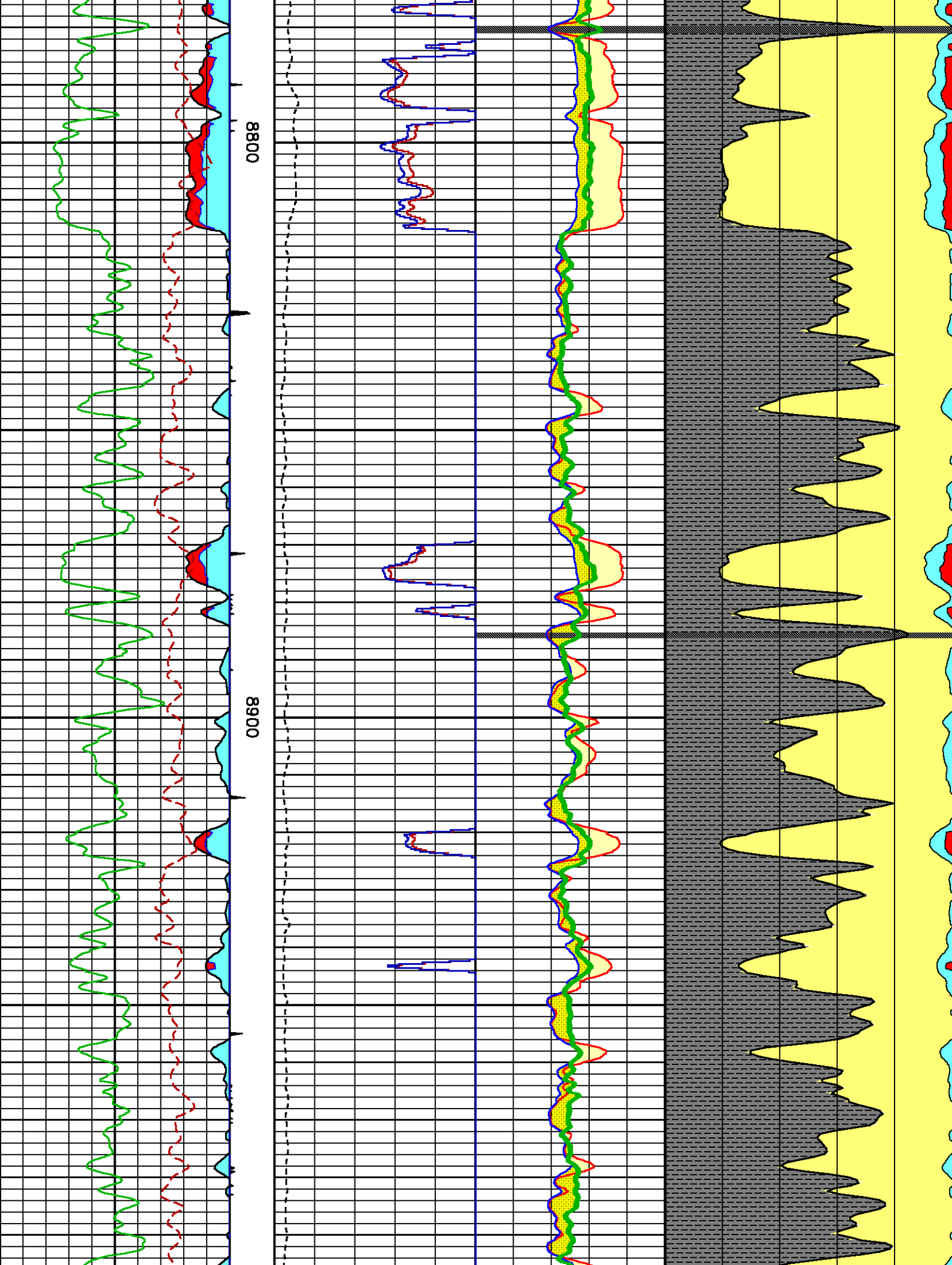




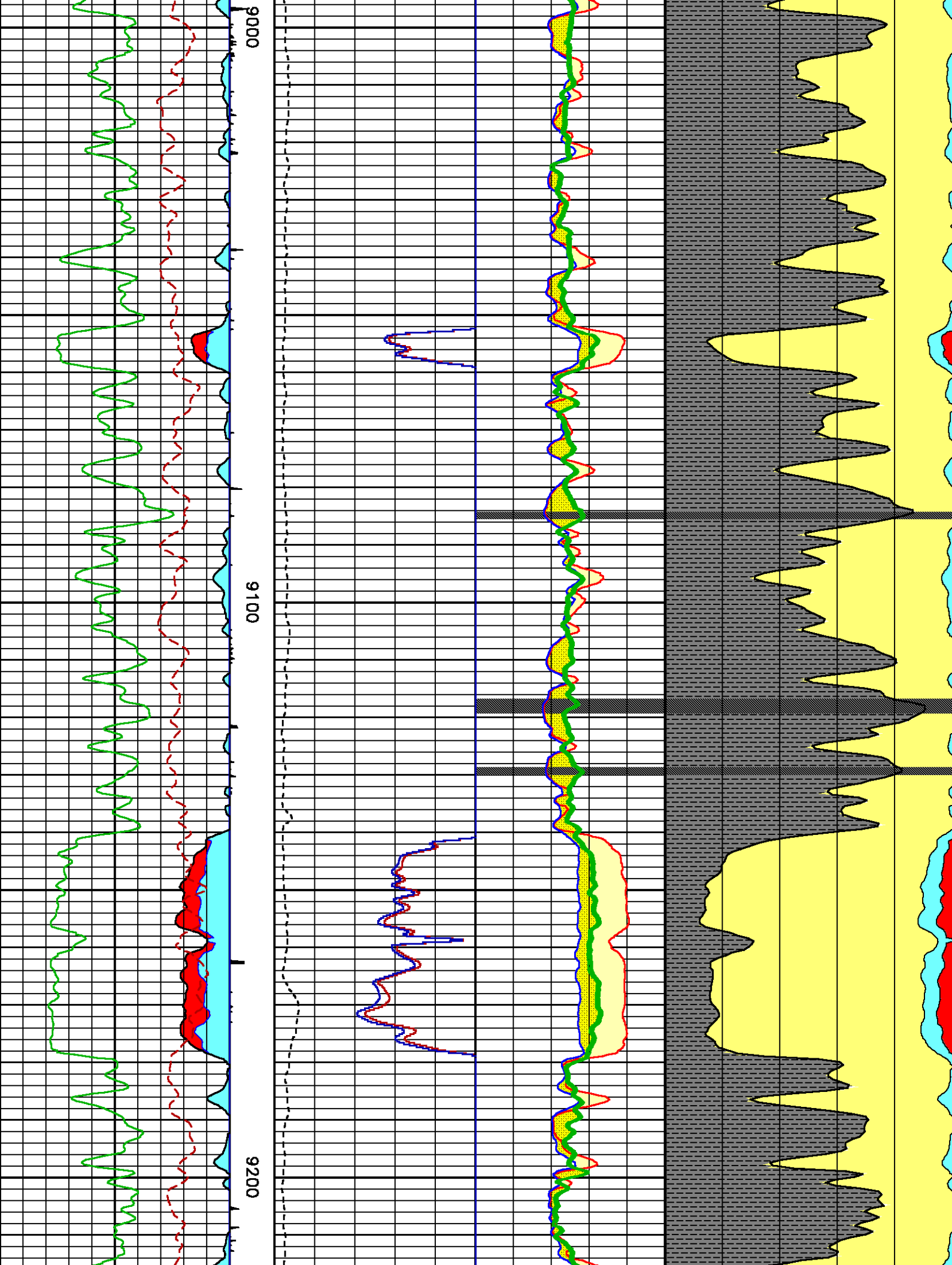


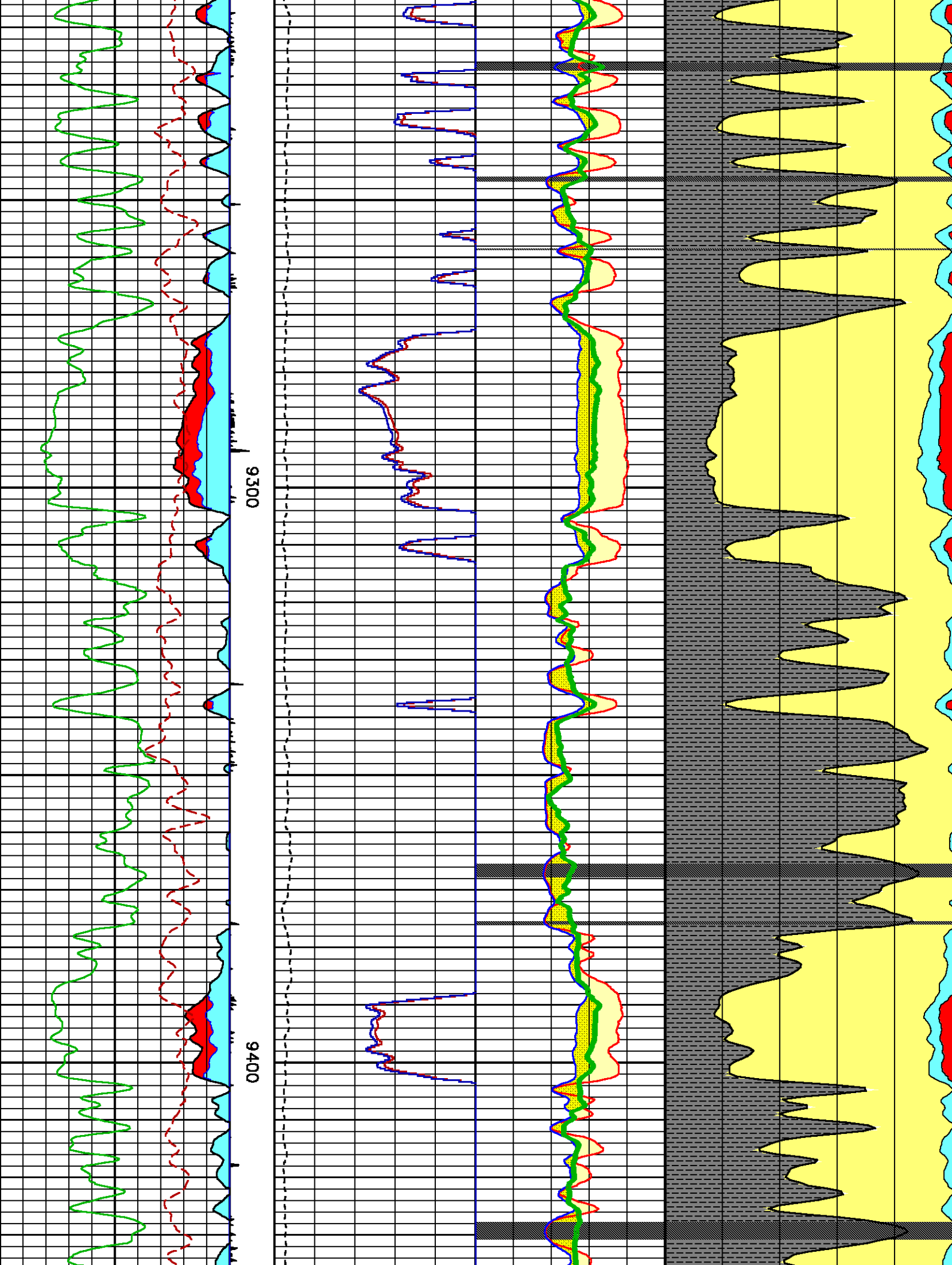


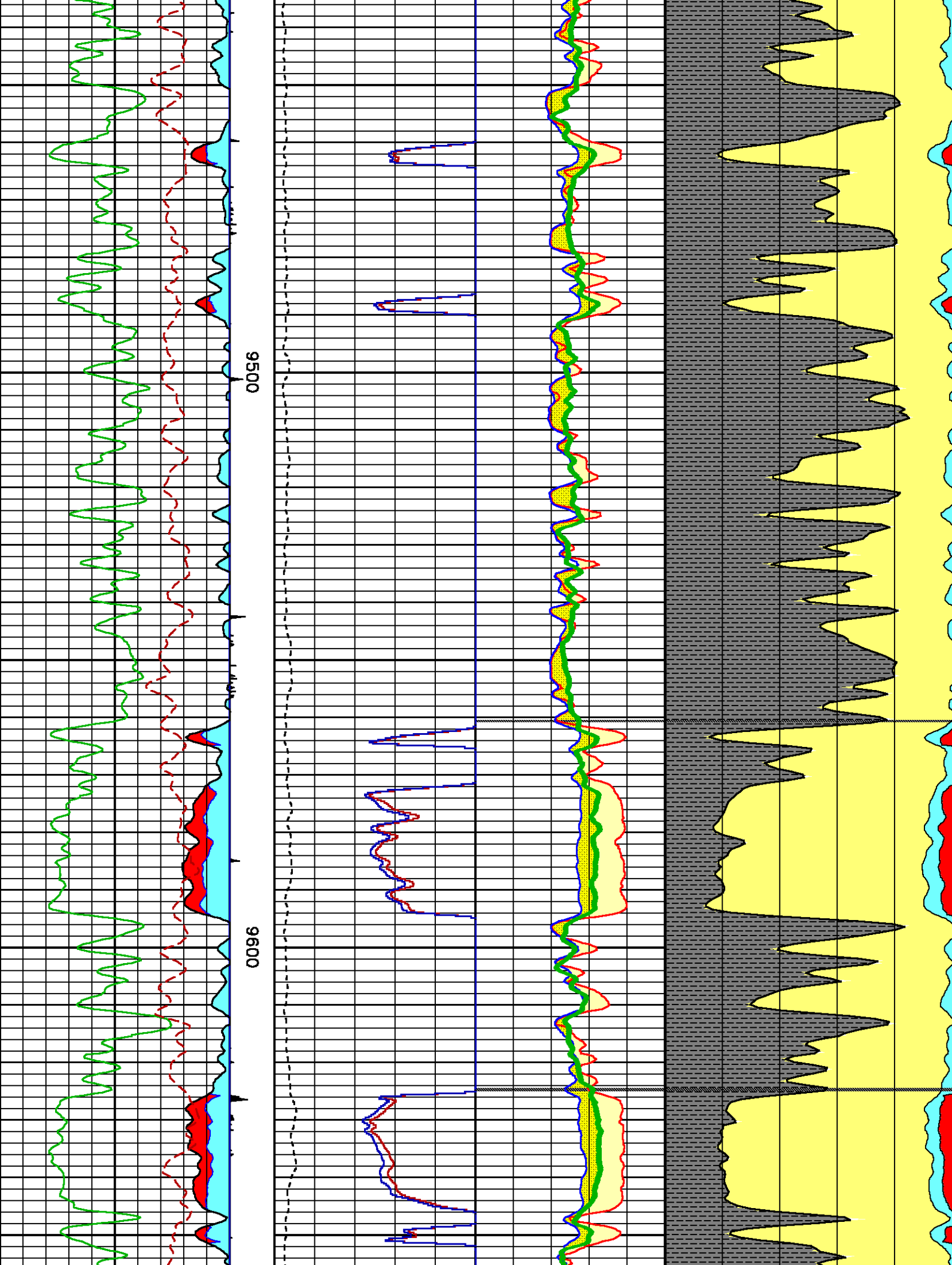




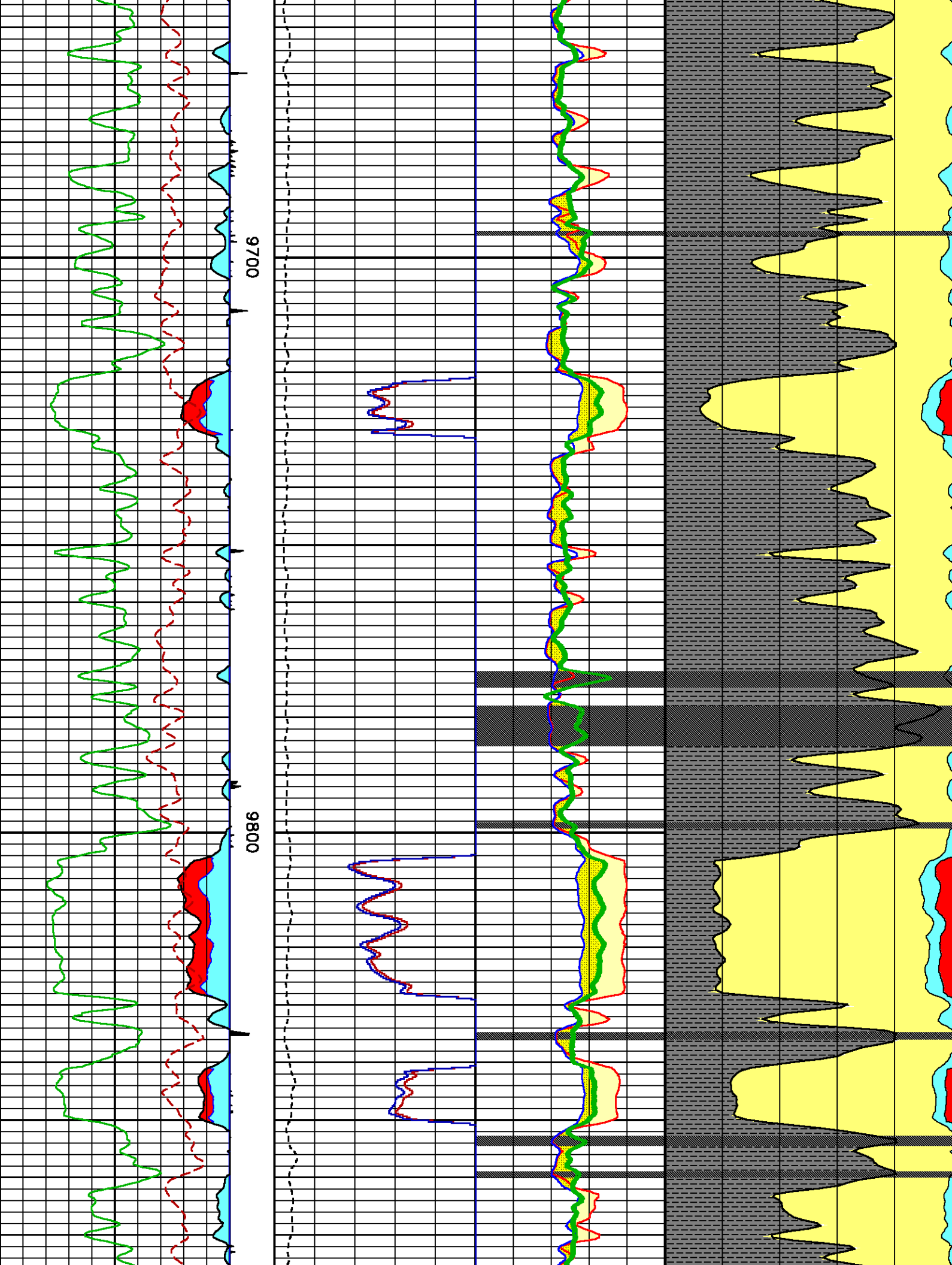


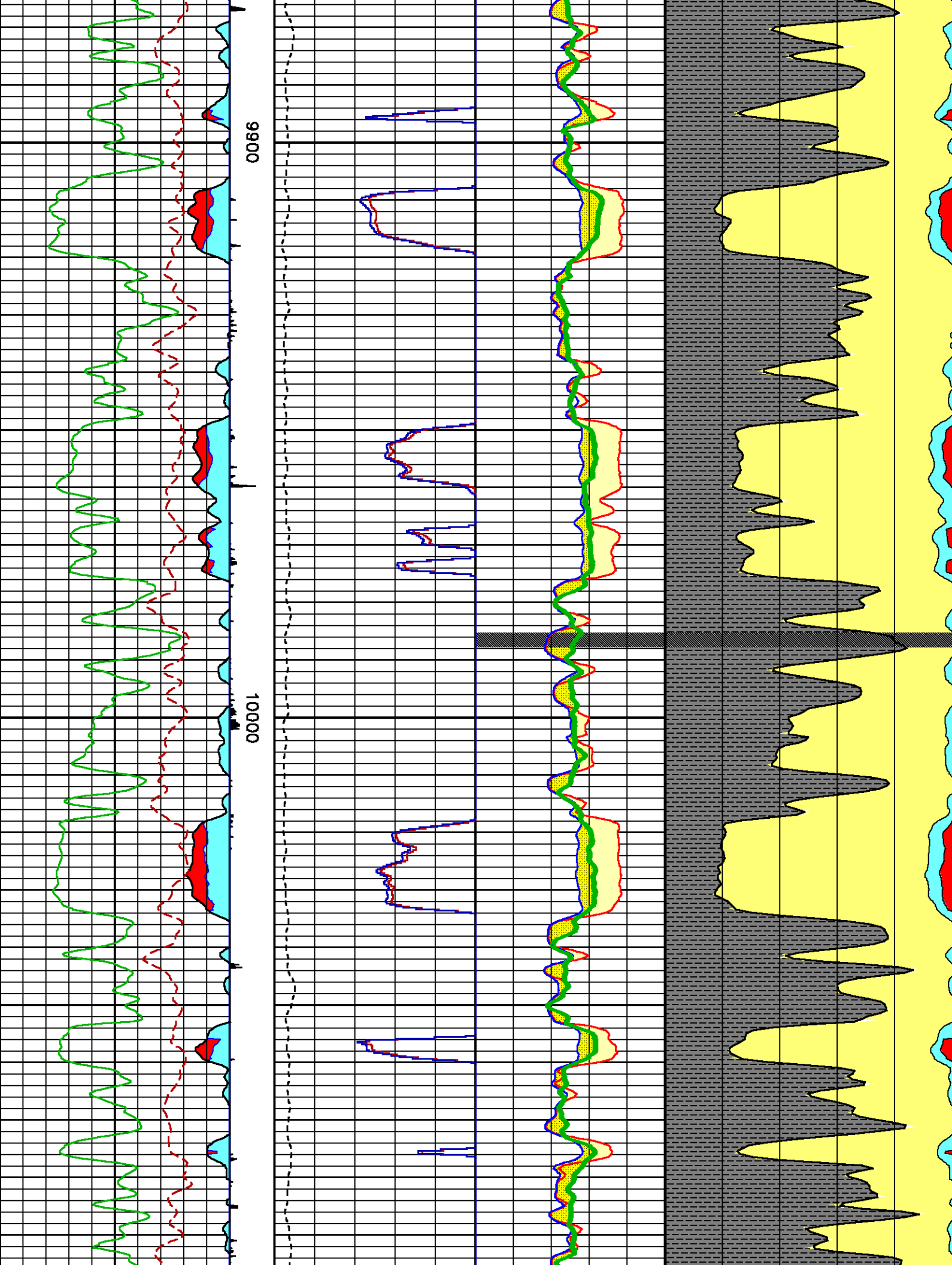


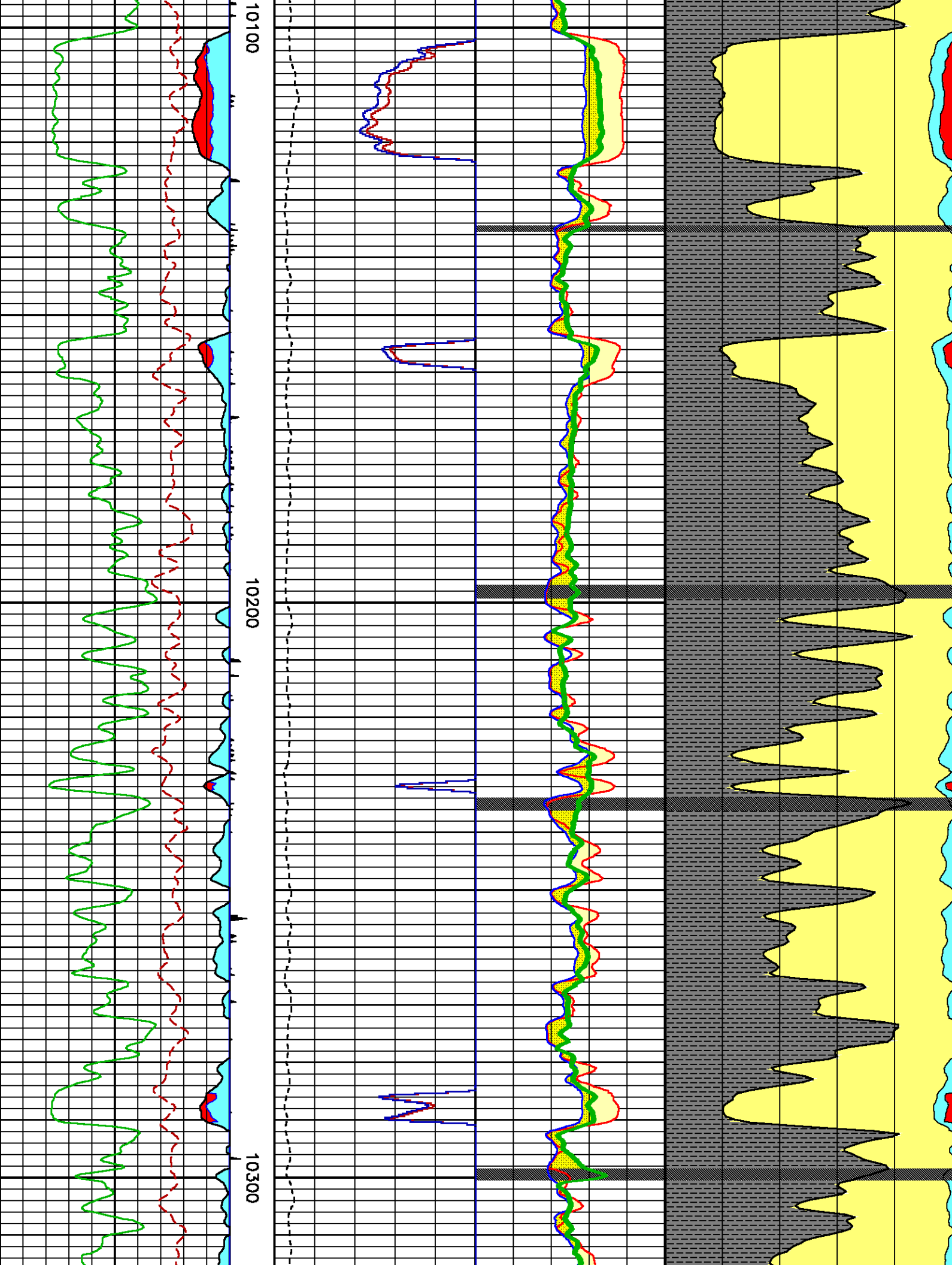




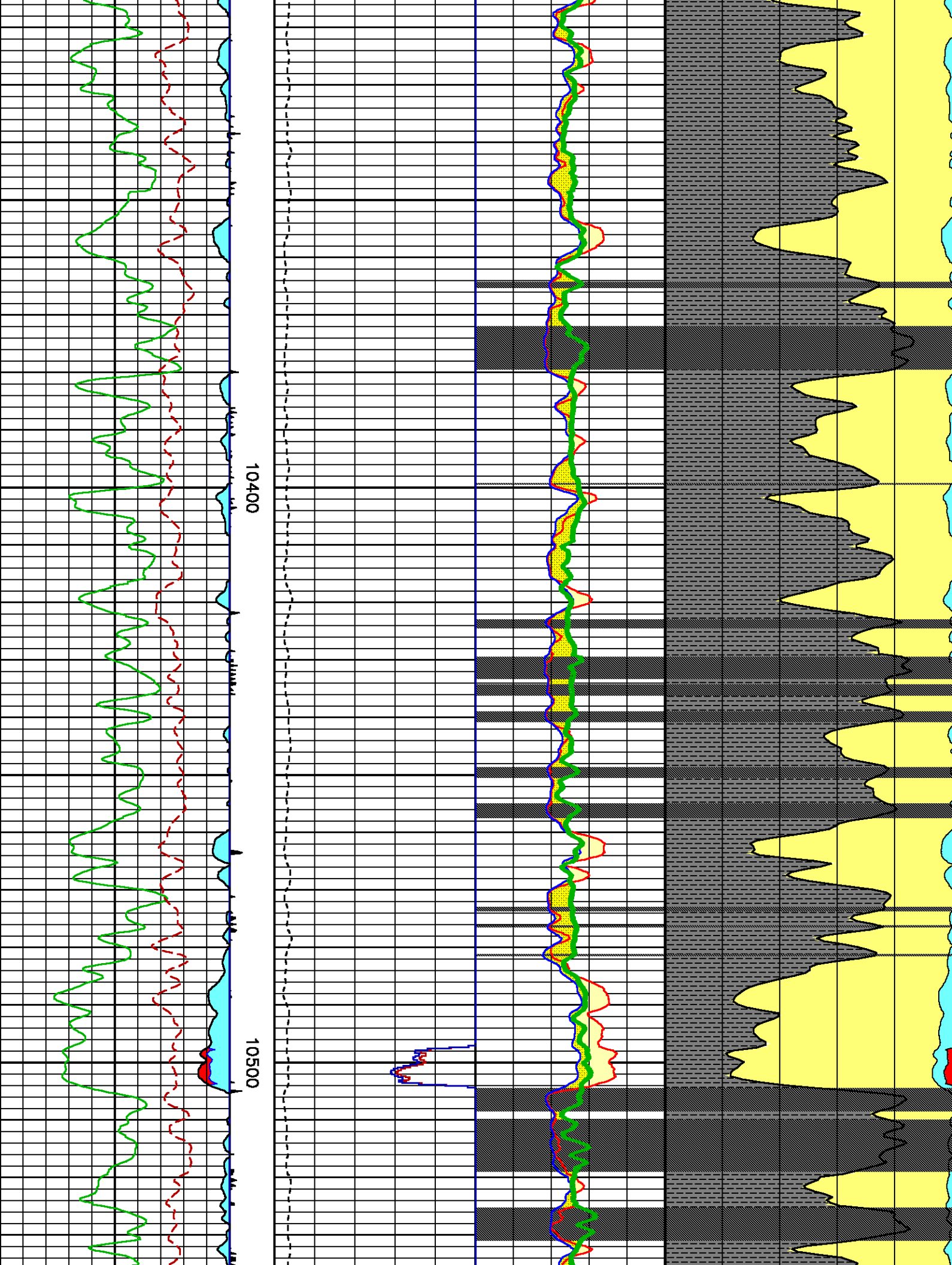


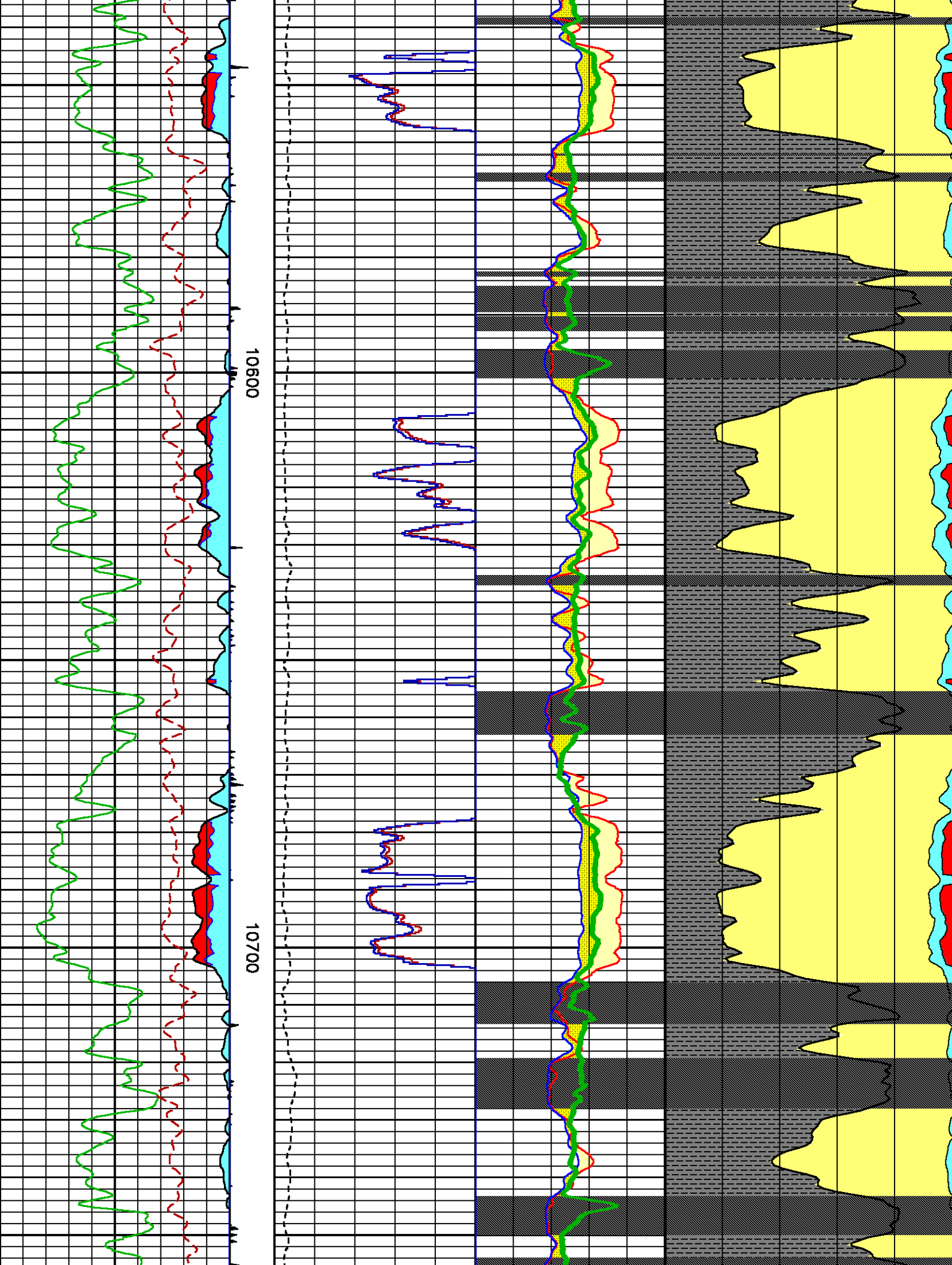




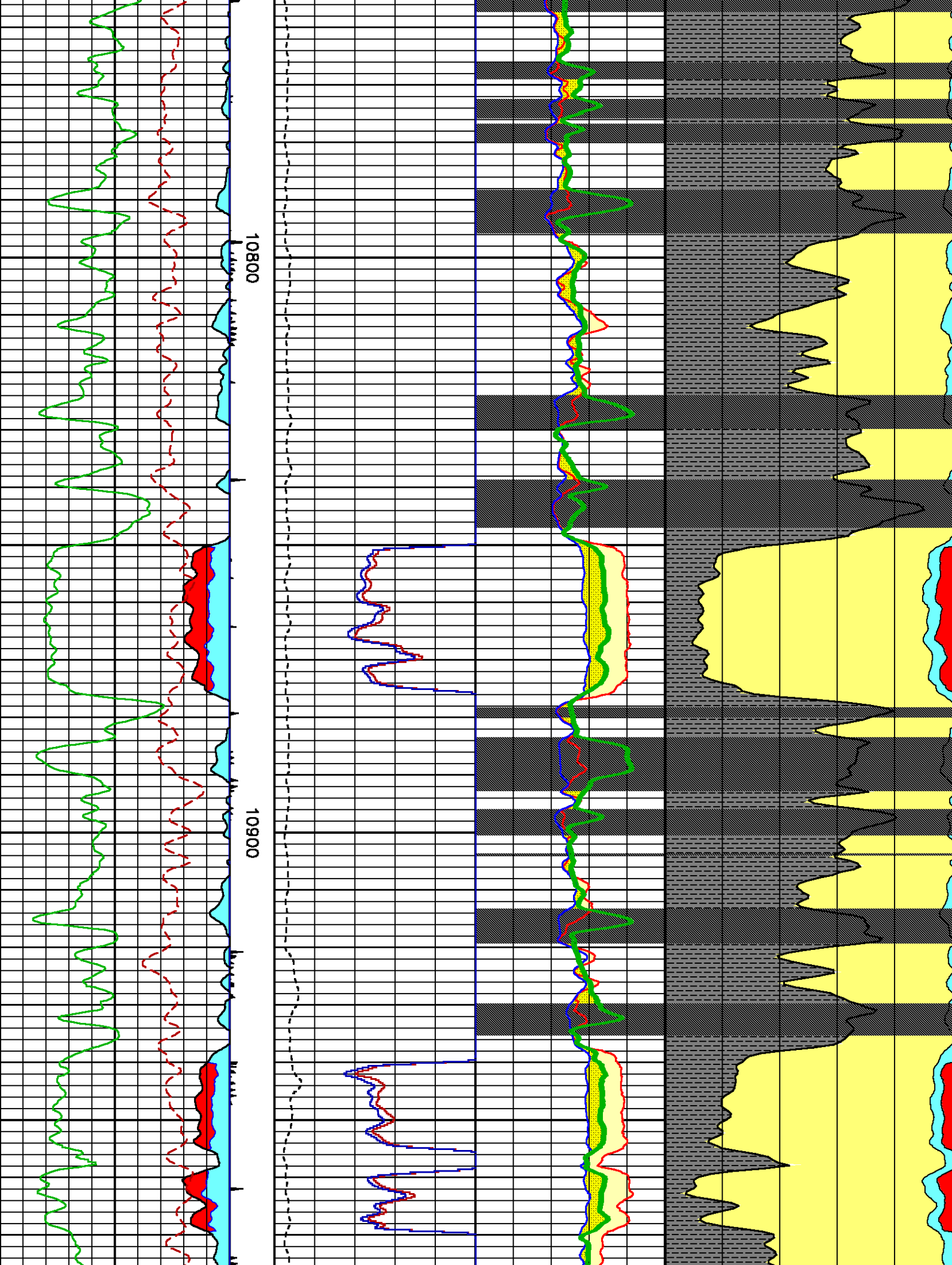


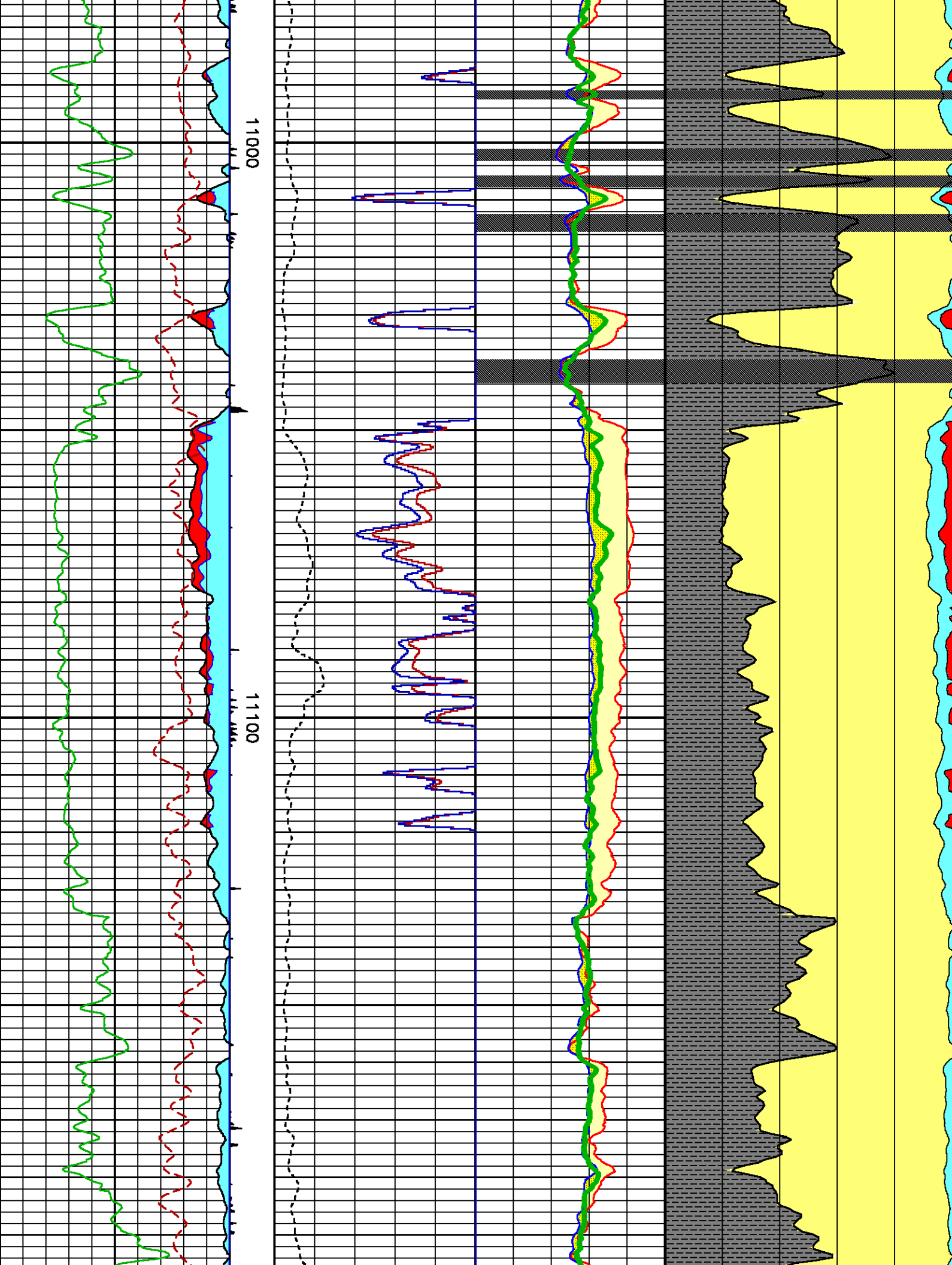




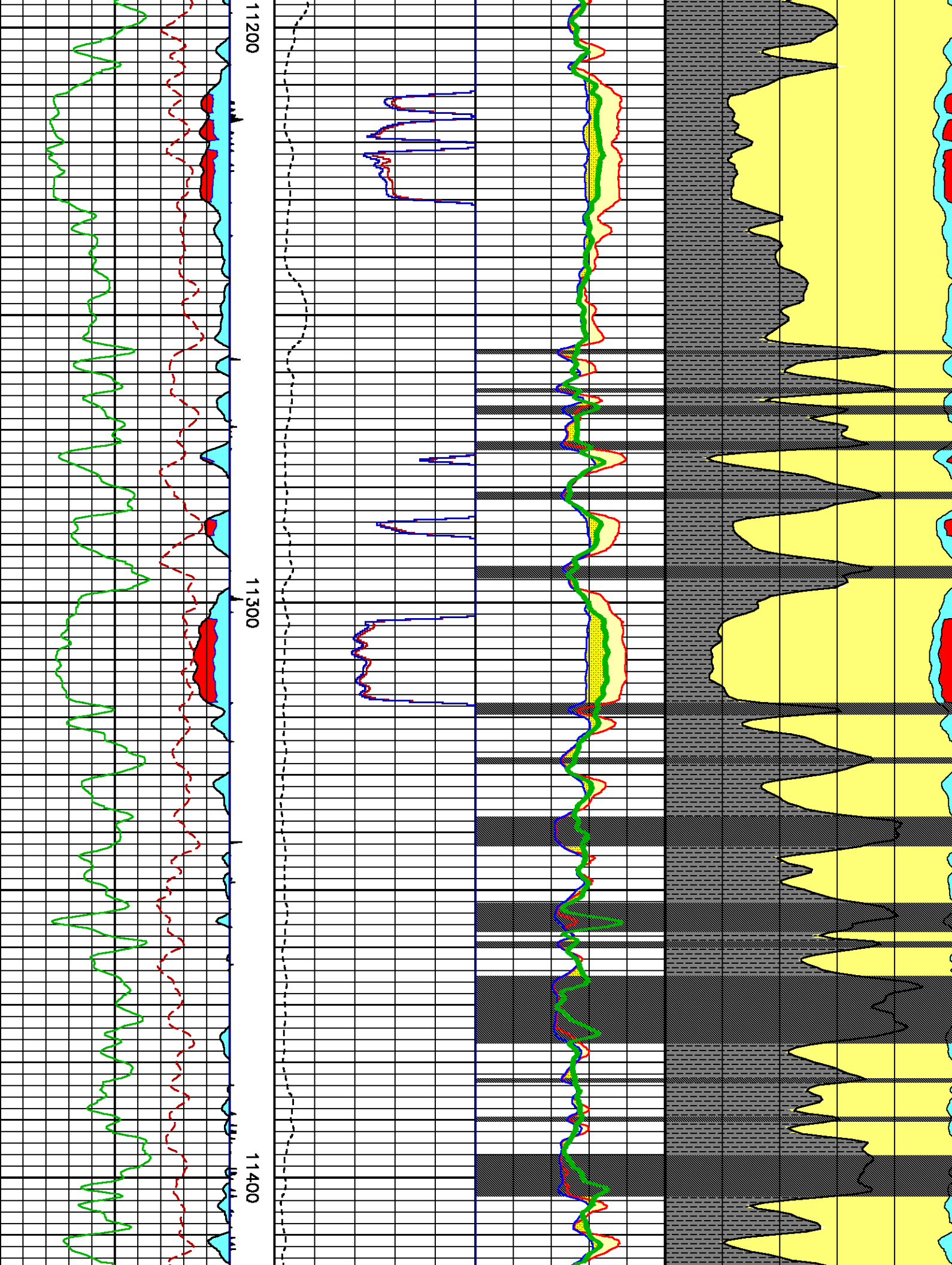


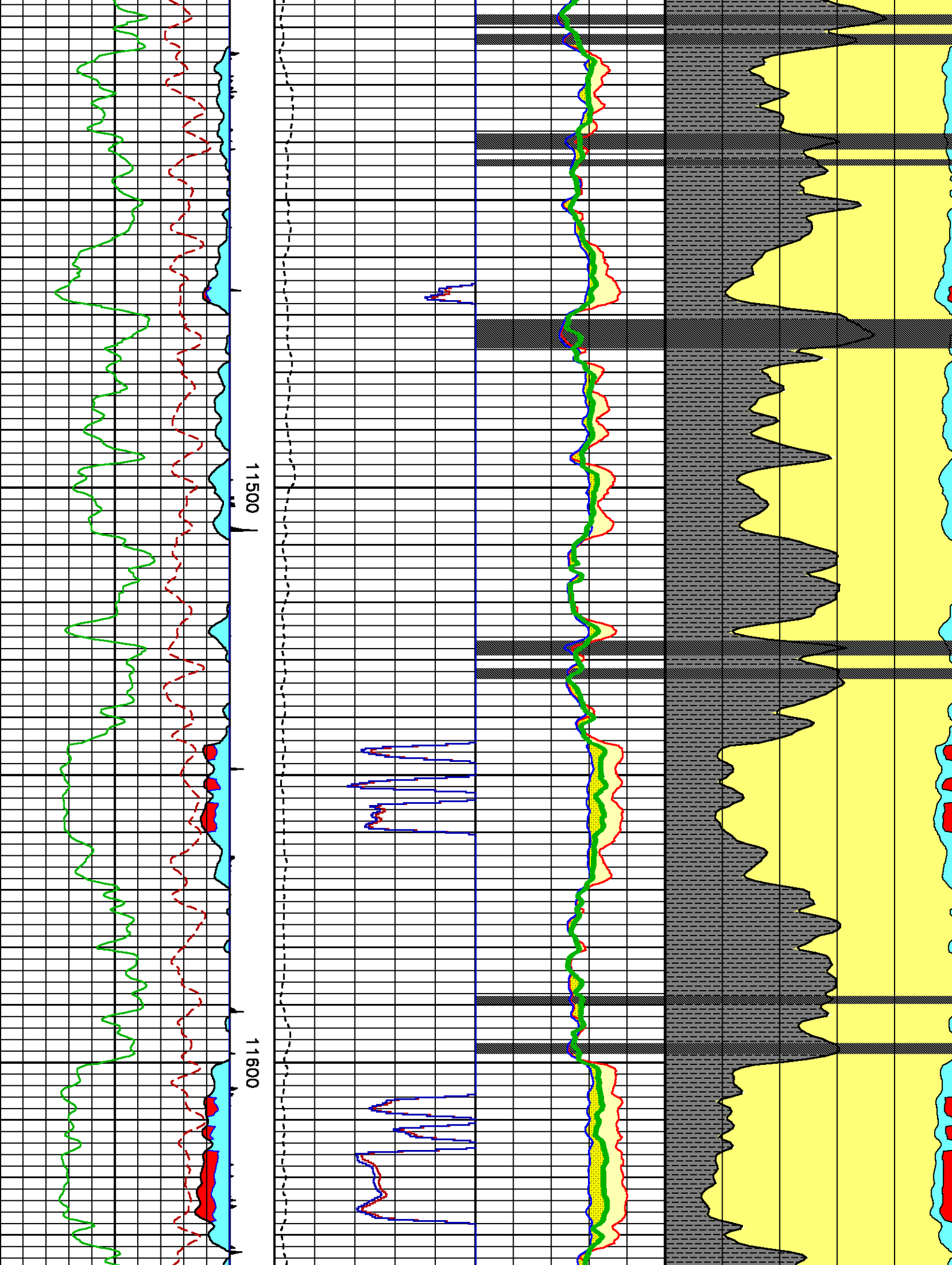




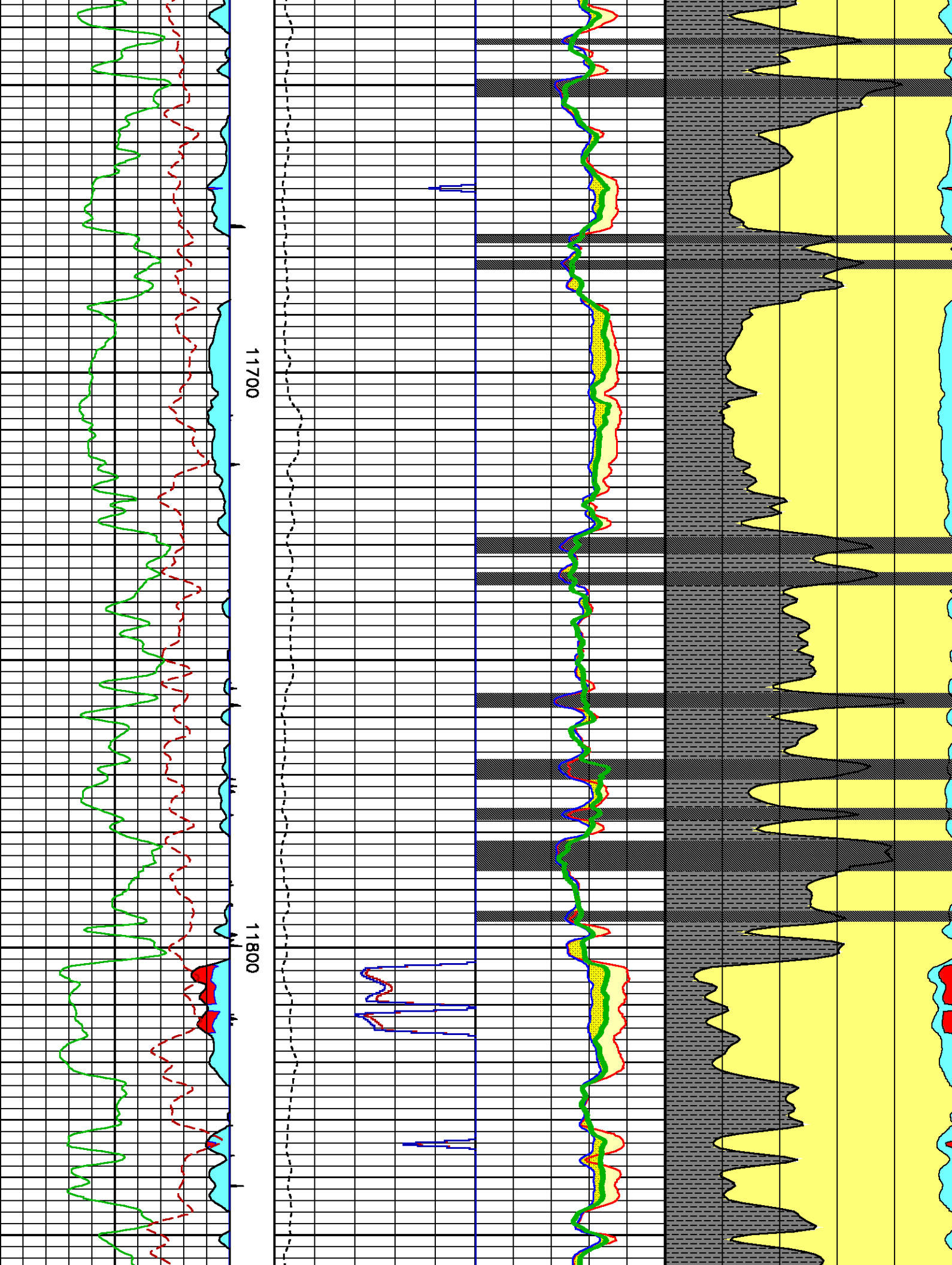


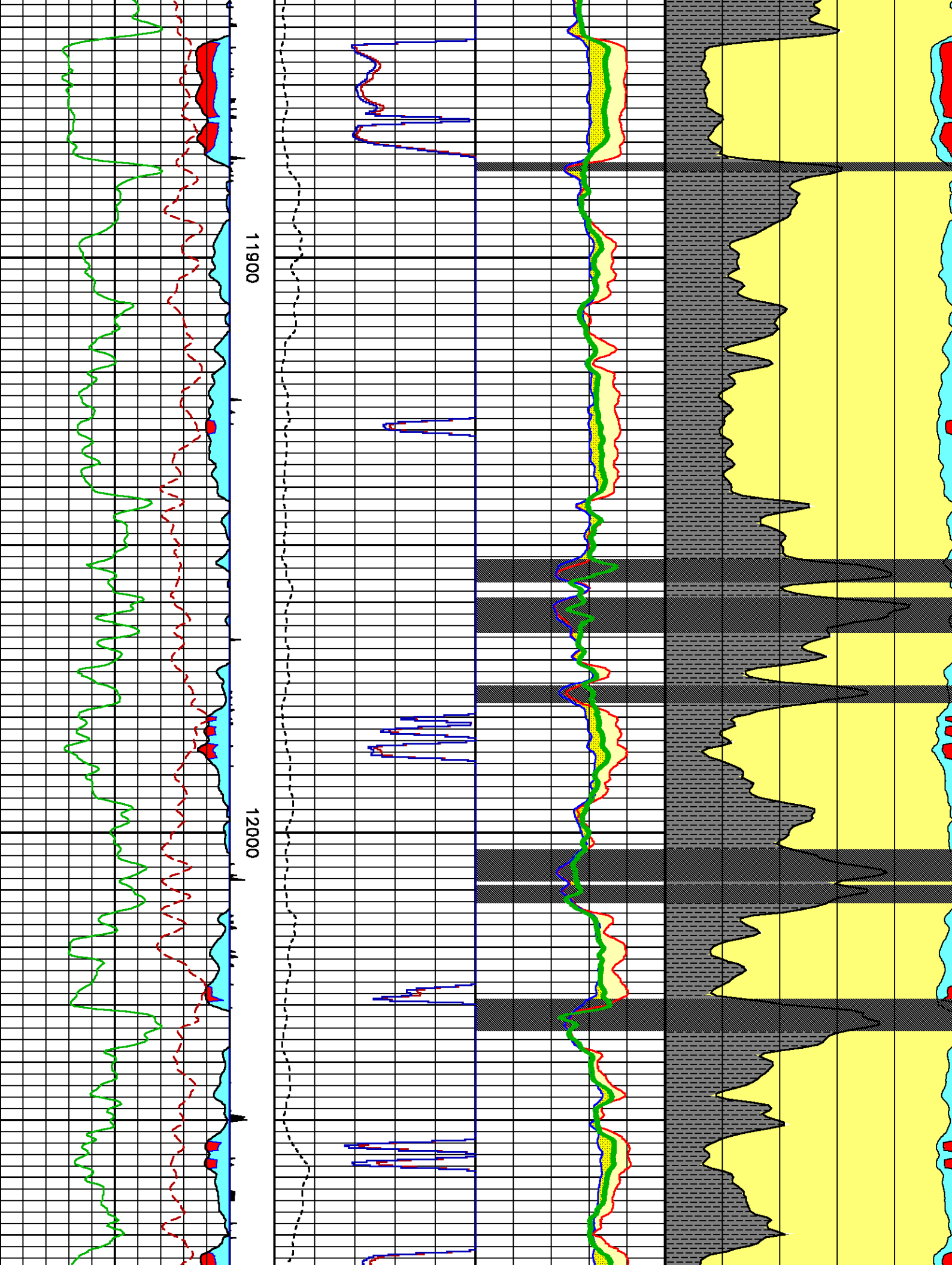


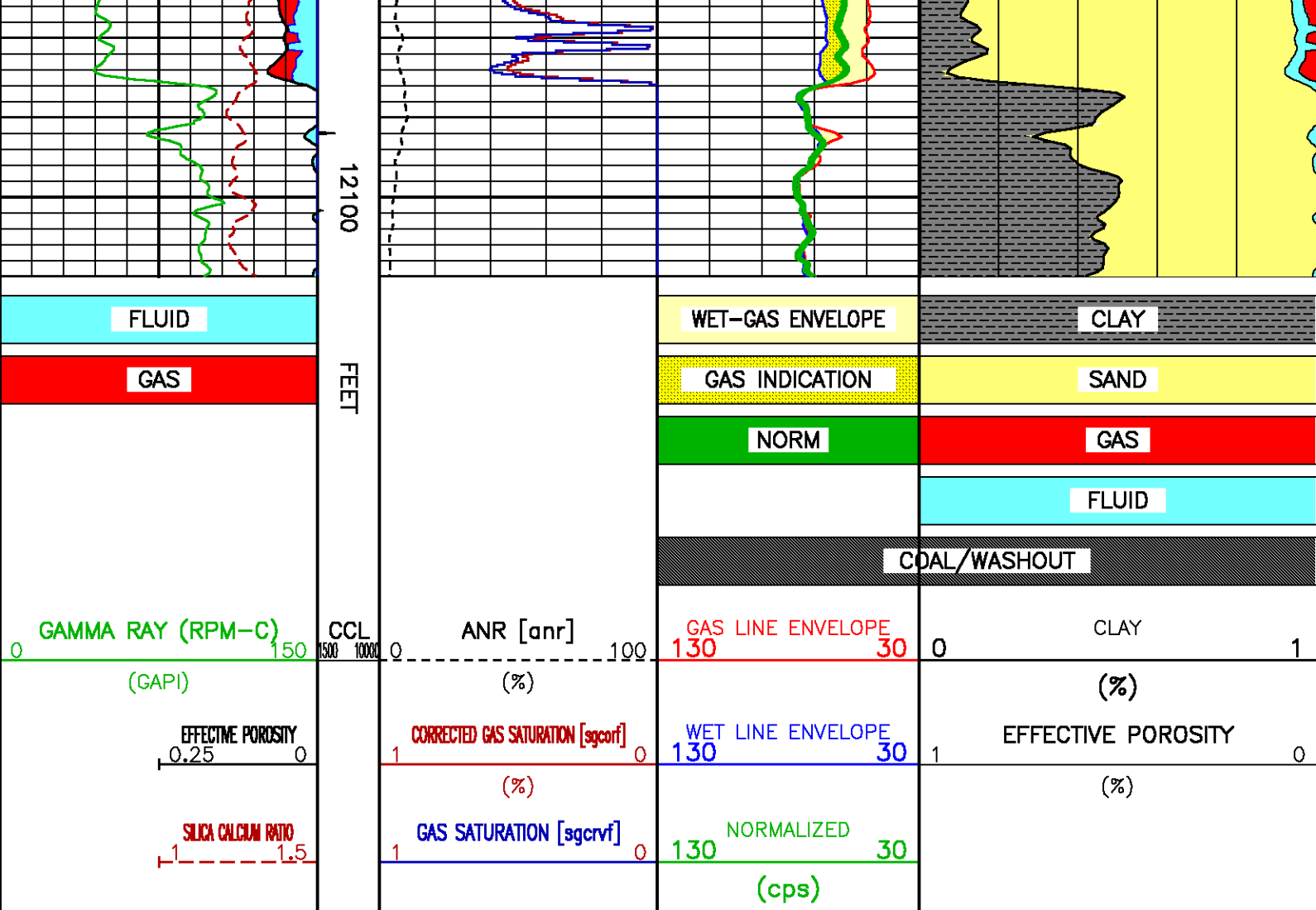



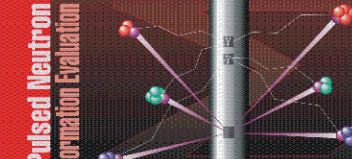










 <b>BAKER HUGHES</b> 	COMPANY <u>EXXONMOBIL PRODUCTION COMPANY</u> WELL <u>FRU 197-33A6</u> FIELD <u>PICEANCE CREEK</u> COUNTY <u>RIO BLANCO</u> STATE <u>COLORADO</u>	FILE NO: <u>3392</u> API NO: <u>05-103-11535-0000</u>
	LOCATION: SHL: <u>816' FSL &amp; 2368' FEL</u>	ELEVATIONS: KB <u>6417.4 FT</u> DF <u>6416.4 FT</u> GL <u>6388 FT</u>
SEC <u>33</u> TWP <u>1S</u> RGE <u>97W</u>	DATE <u>28-Apr-2010</u>	