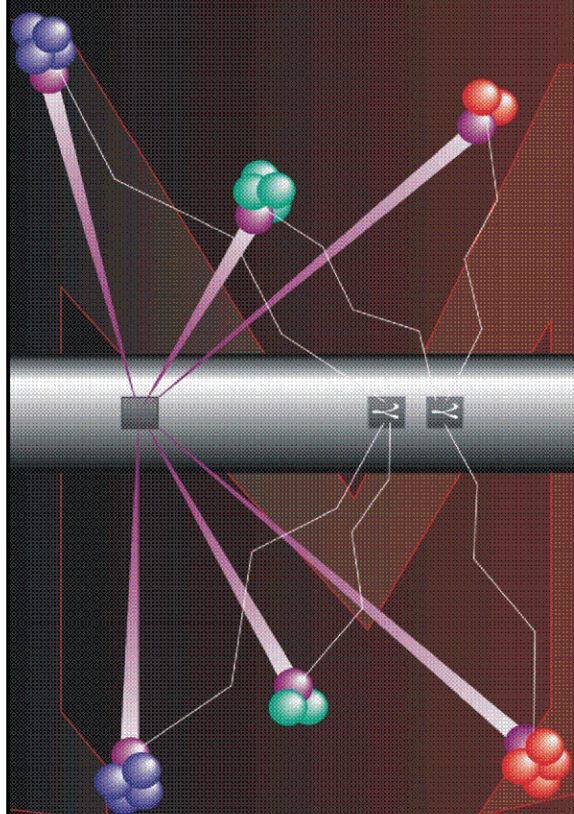




Pulsed Neutron Formation Evaluation



RESERVOIR PERFORMANCE MONITOR GASVIEW SATURATION ANALYSIS

COMPANY EXXONMOBIL PRODUCTION COMPANY

WELL FRU 197-33A8

FIELD PICEANCE CREEK

COUNTY RIO BLANCO STATE COLORADO

LOCATION: 845' FSL & 2360' TEL

SEC 33 TWP 1S RGE 9W

ELEVATIONS:

KB 6417.4 FT DF 6416.4 FT GL 6388 FT

DATE 28-APR-2010 ECC 3394

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.RUST</u>	DATE: <u>28-APR-2010</u>	
FIELD DATA	LOCATION: <u>VERNAL, UTAH</u>	ENGINEER: <u>OSTLER/569776</u>	DATE: <u>23-APR-2010</u>	
FROM	TO			
<u>6410 FT</u>	<u>12140 FT</u>			

REMARKS

ISS CUTOFF VALUE FOR COAL/WASHOUT IS 730000
POROSITY CUTOFF VALUE FOR GAS SATURATION IS 5 PU

GASVIEW LOG PROCESSED IN TWO ZONES:

ZONE 1: 6410-8623 FT

ZONE 2: 8623-12140 FT

SGCRVF = GAS SATURATION WITHOUT GAS CUT CEMENT CORRECTION APPLIED

SGCORF = GAS SATURATION WITH GAS CUT CEMENT CORRECTION APPLIED

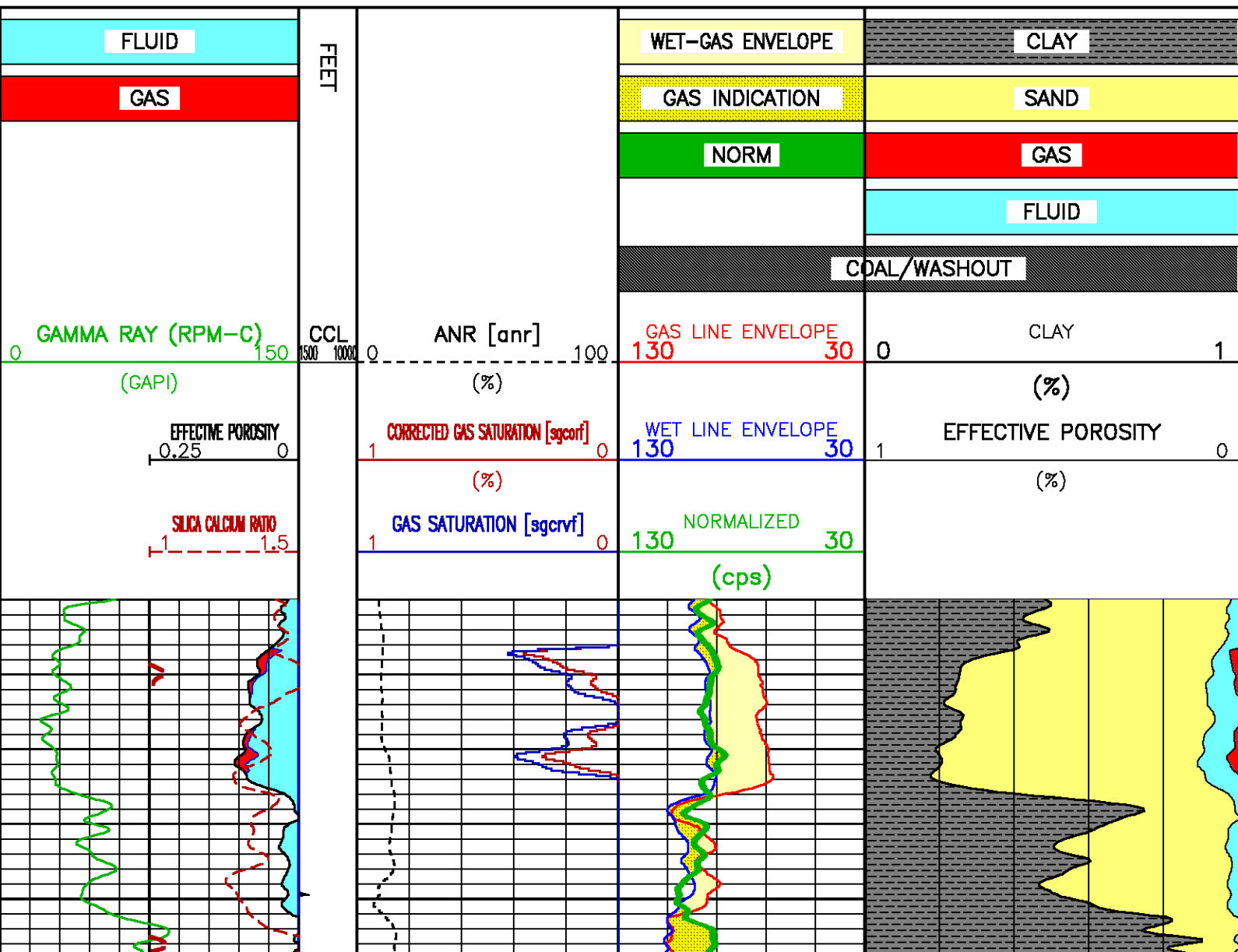
THE DISPLAYED DYNAMIC ENVELOPE IS FROM THE GAS CUT CORRECTION ANALYSIS

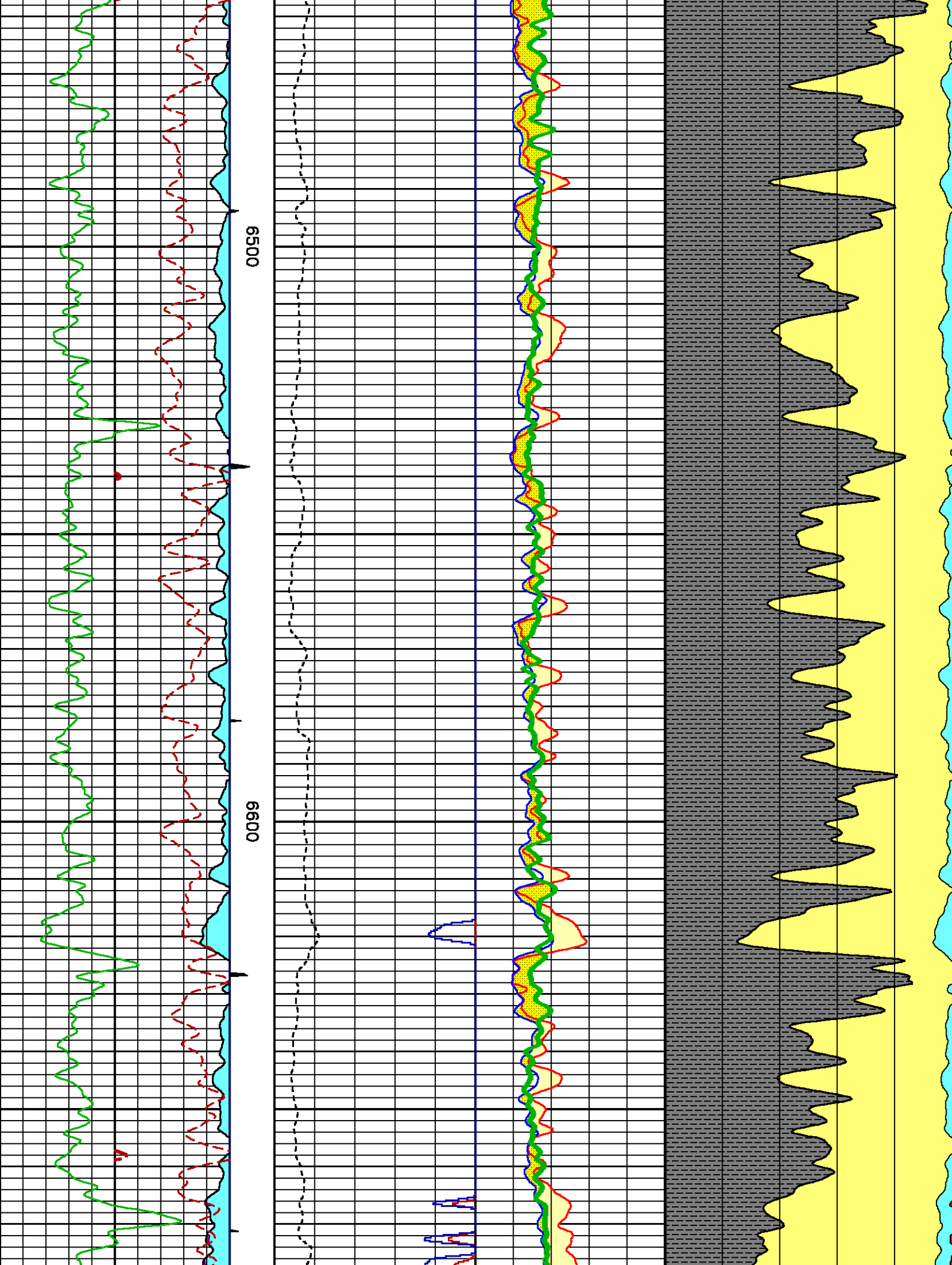
THE DISPLAYED DRILLING ENVELOPE IS FROM THE GAS CORRECTION ANALYSIS
COLLAR CASING CORRECTION APPLIED TO THE DATA
GASVIEW RESULTS ARE UNRELIABLE FROM 9124-9194 FEET

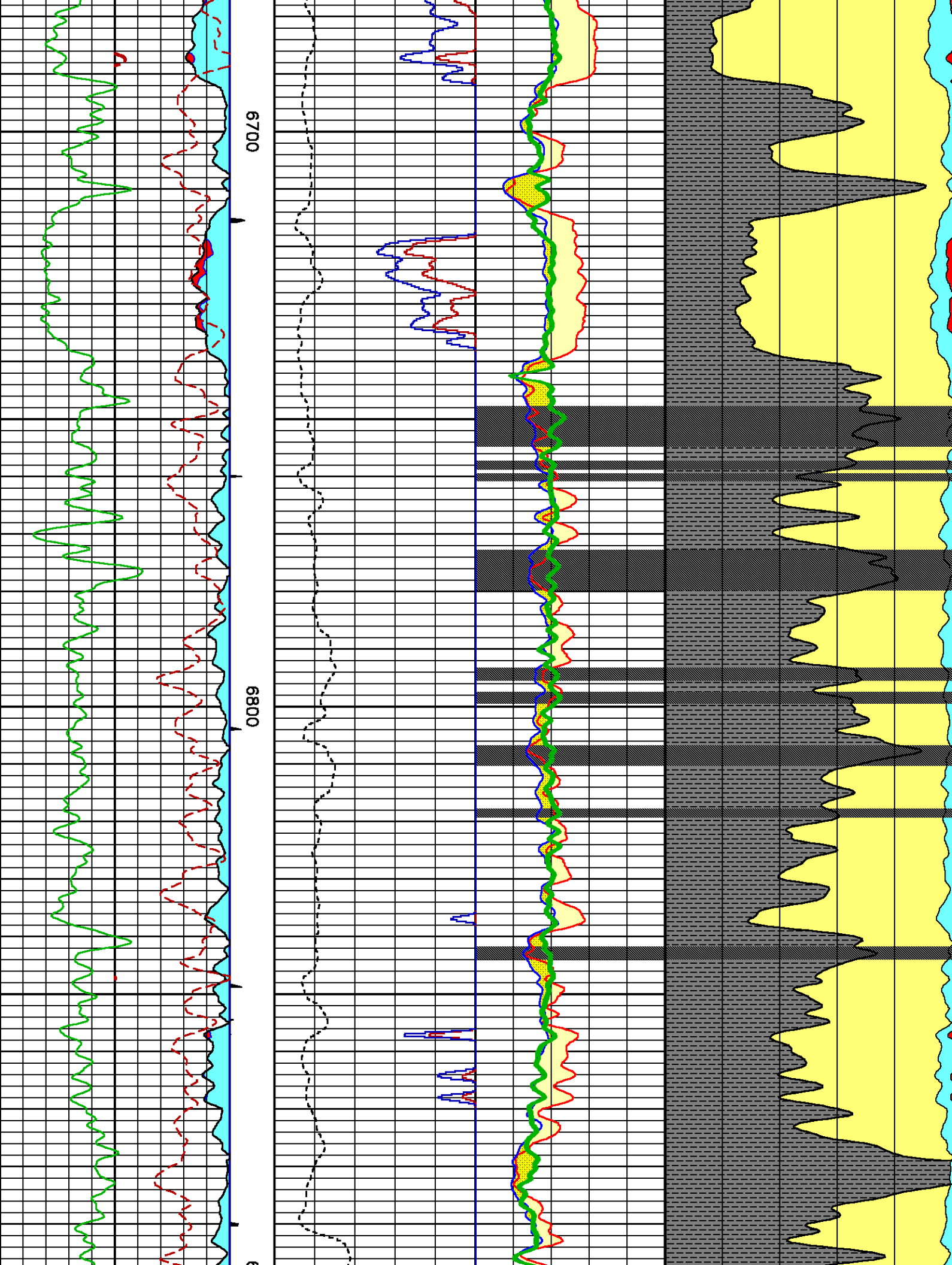
BAKER ATLAS PRELIMINARY GASVIEW SATURATION ANALYSIS

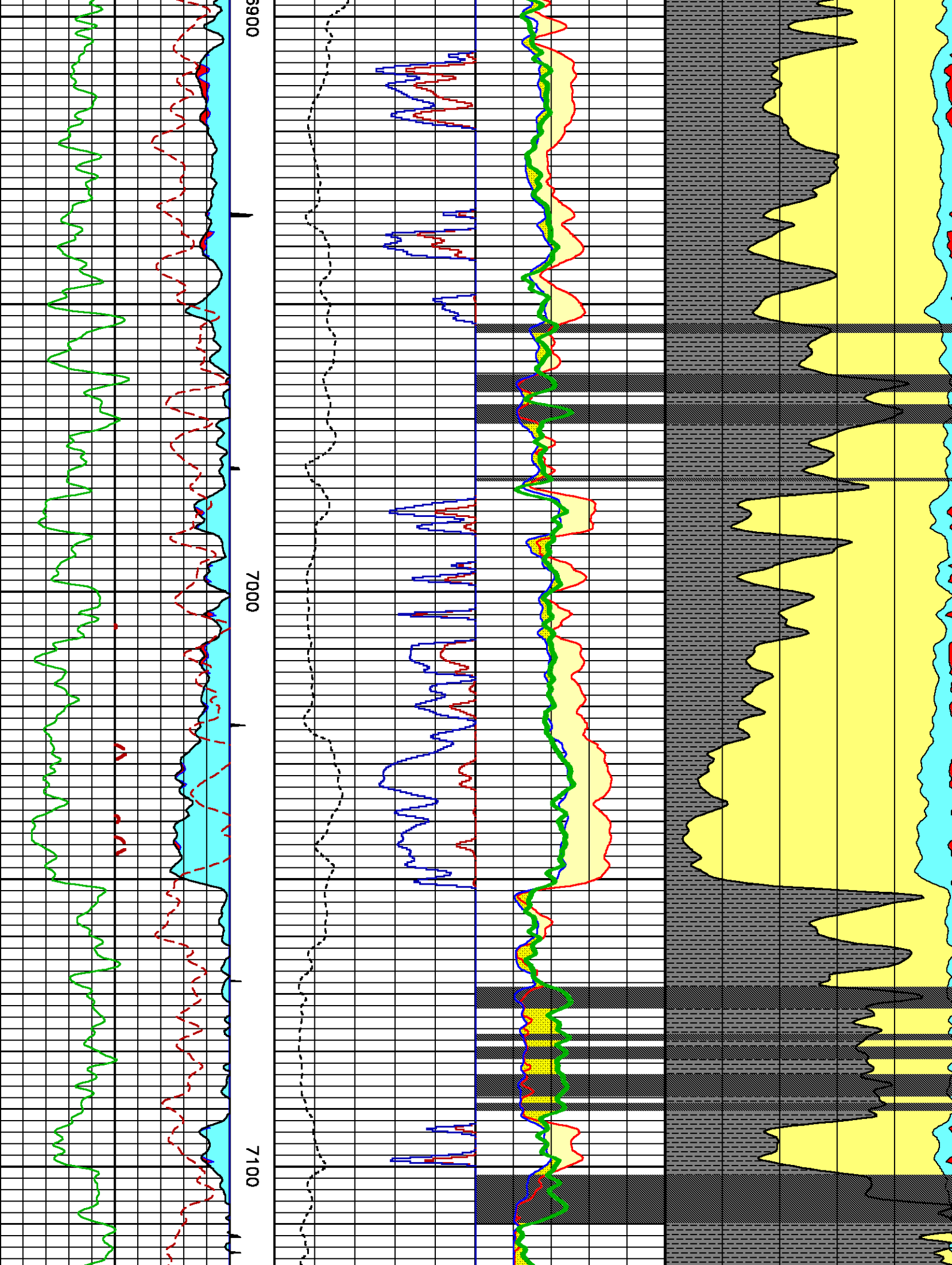
Project : /export/home/willmis/3394_EXXON_GASVIEW_FRU_197_33A8
User : willmis
Presentation : densrv01:/export/home/willmis/3394_EXXON_GASVIEW_FRU_197_33A8/pncgas_8_5_new_EXXON_BOND.pdf [5"/100' Scale]
Plot Interval : 6410 - 12140 Feet

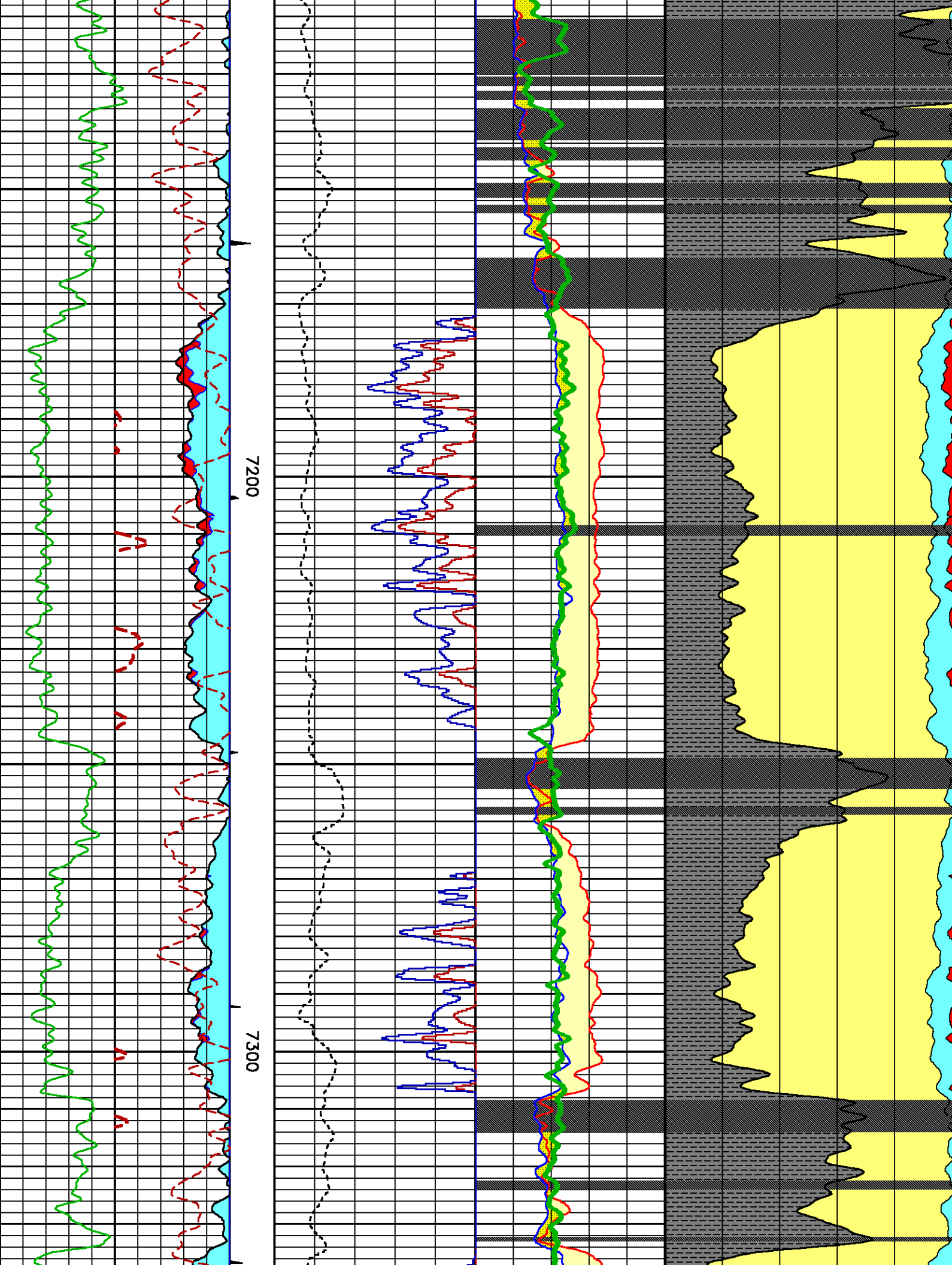
Data File 1 : F1 : densrv01:/export/home/willmis/3394_EXXON_GASVIEW_FRU_197_33A8/main_cor.xtf
Created On : Apr 24 11:27:12 2010
Company : EXXONMOBIL PRODUCTION COMPANY
Well : FRU 197-33A8
Field :
File Interval : 1000 - 13246 Feet
Oct : NA

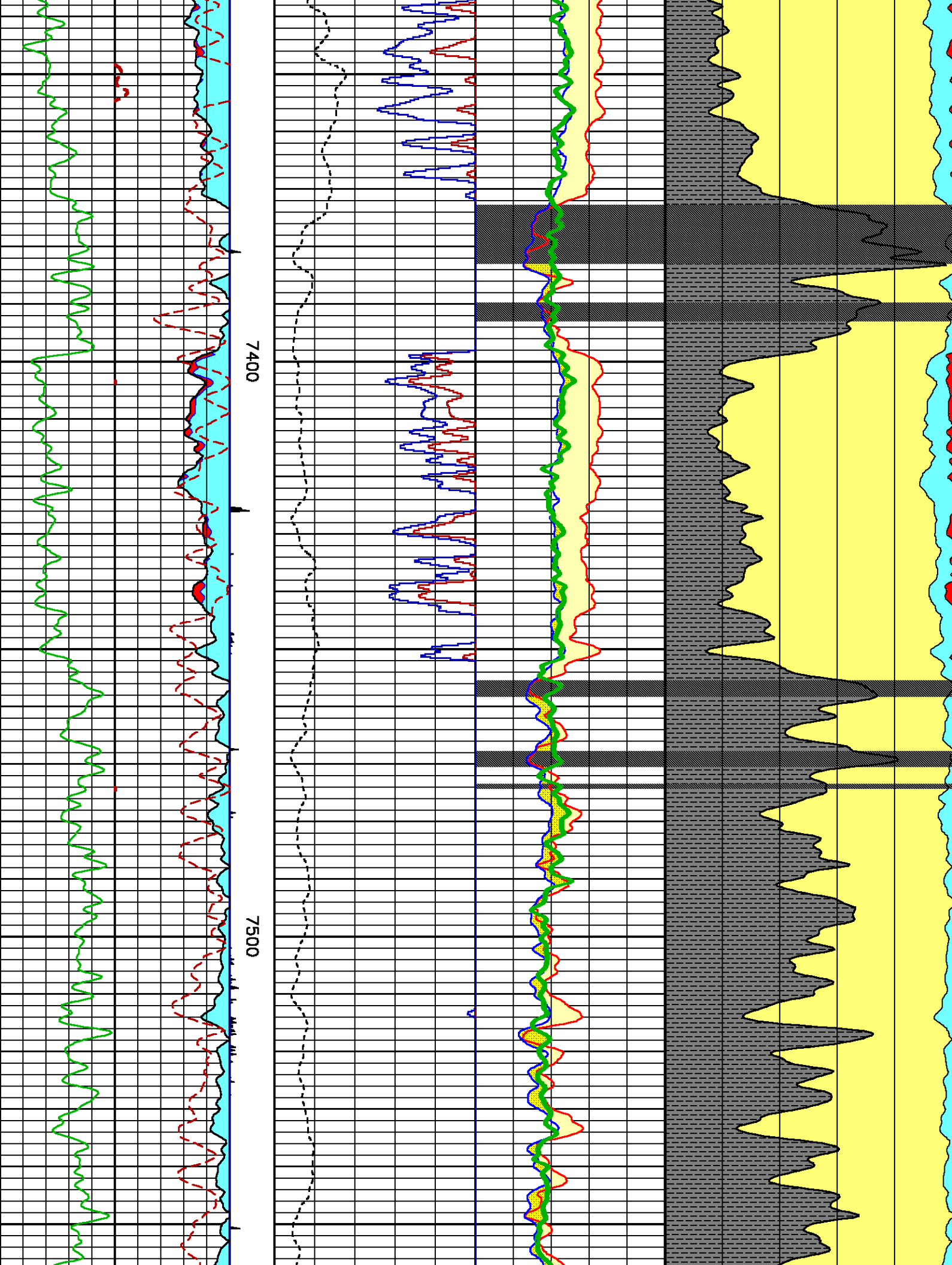


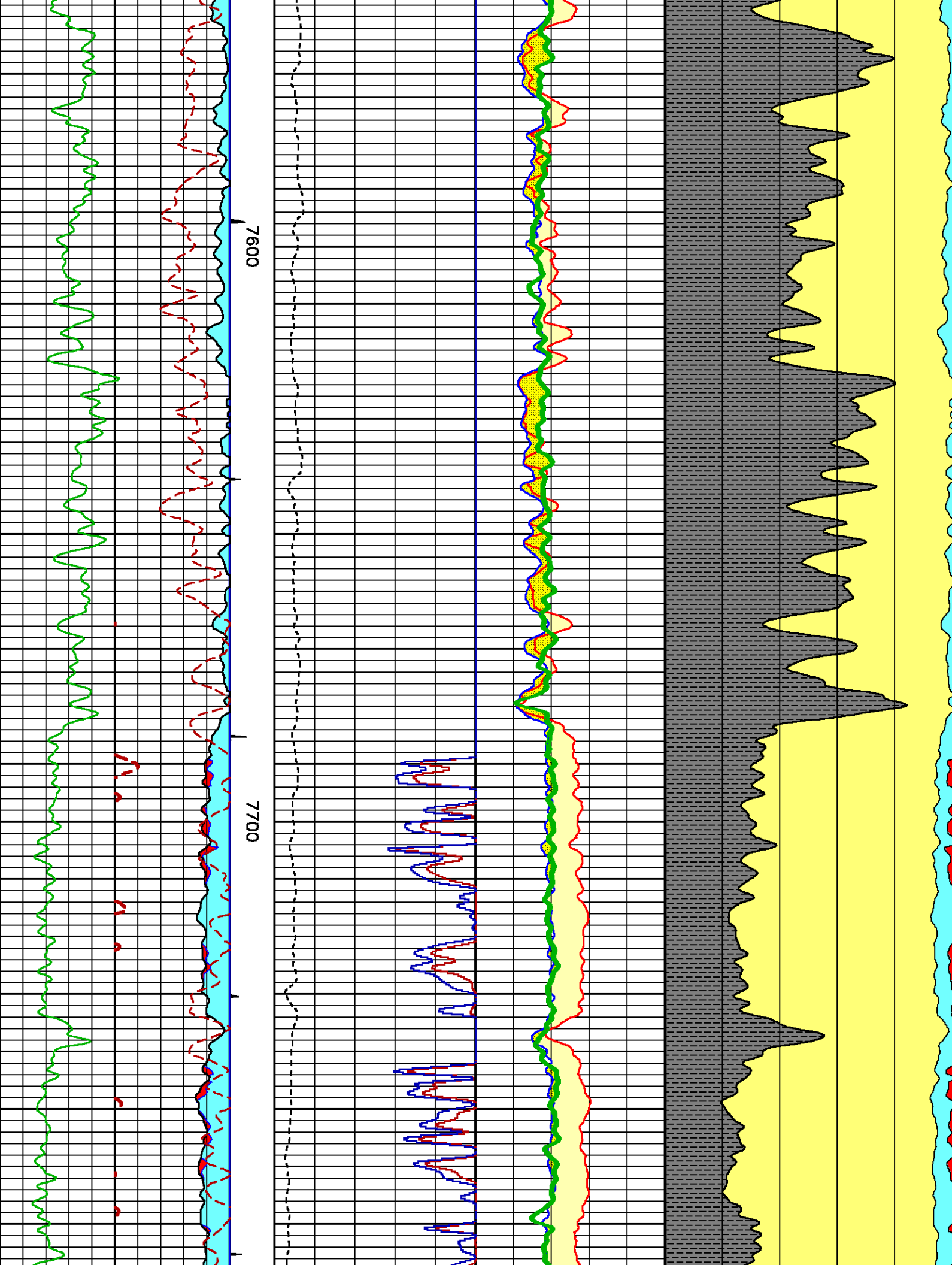


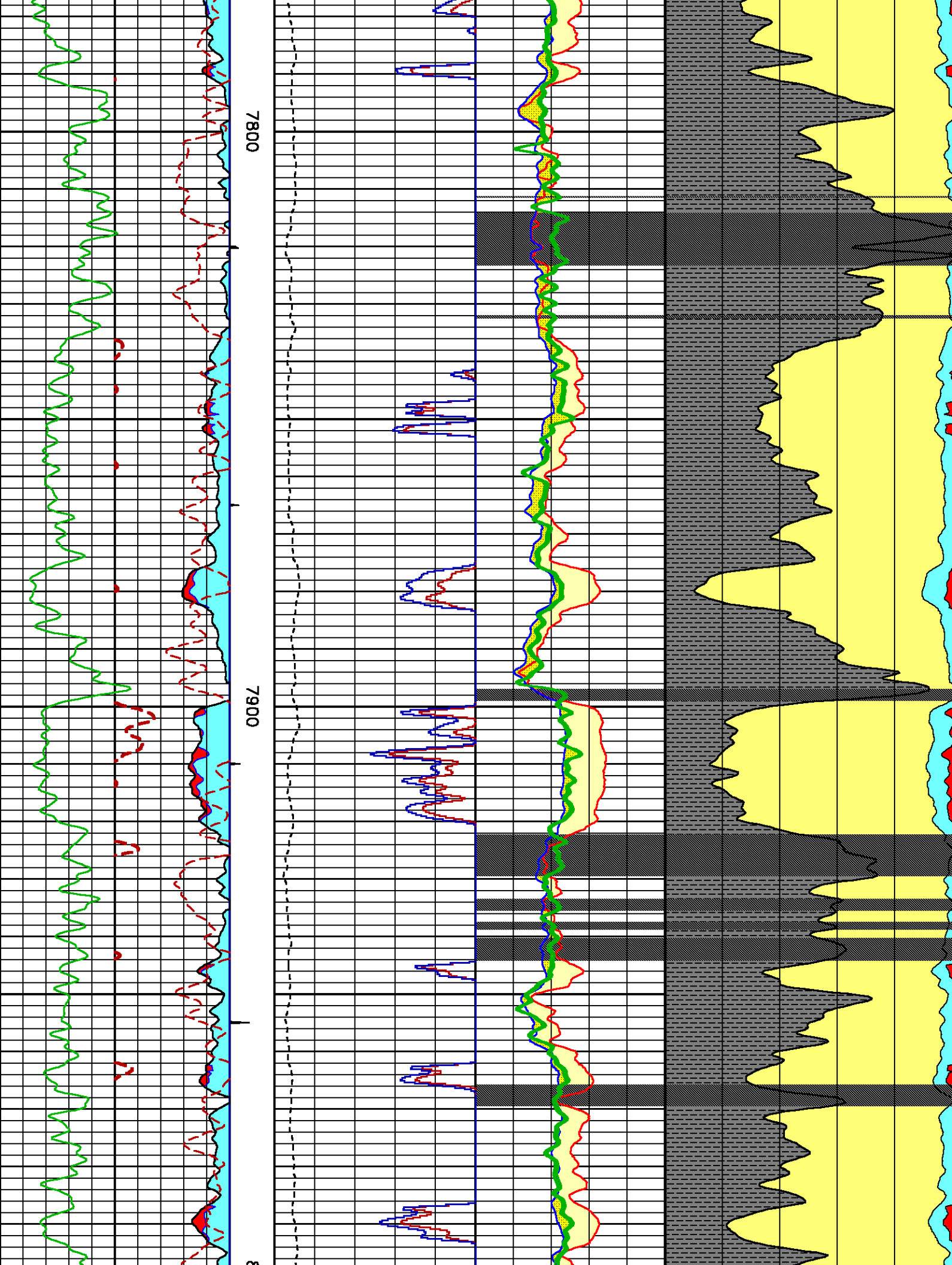


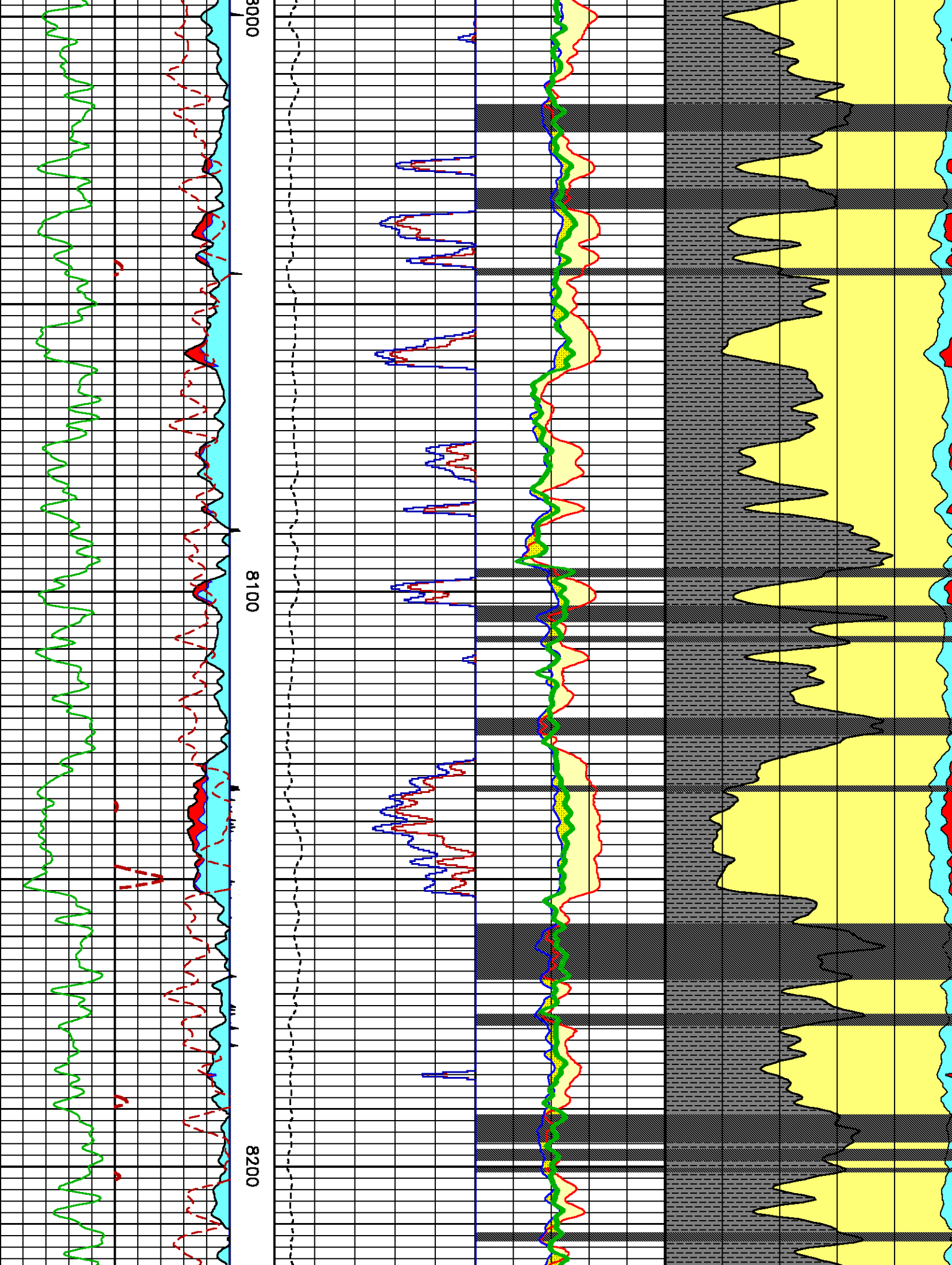


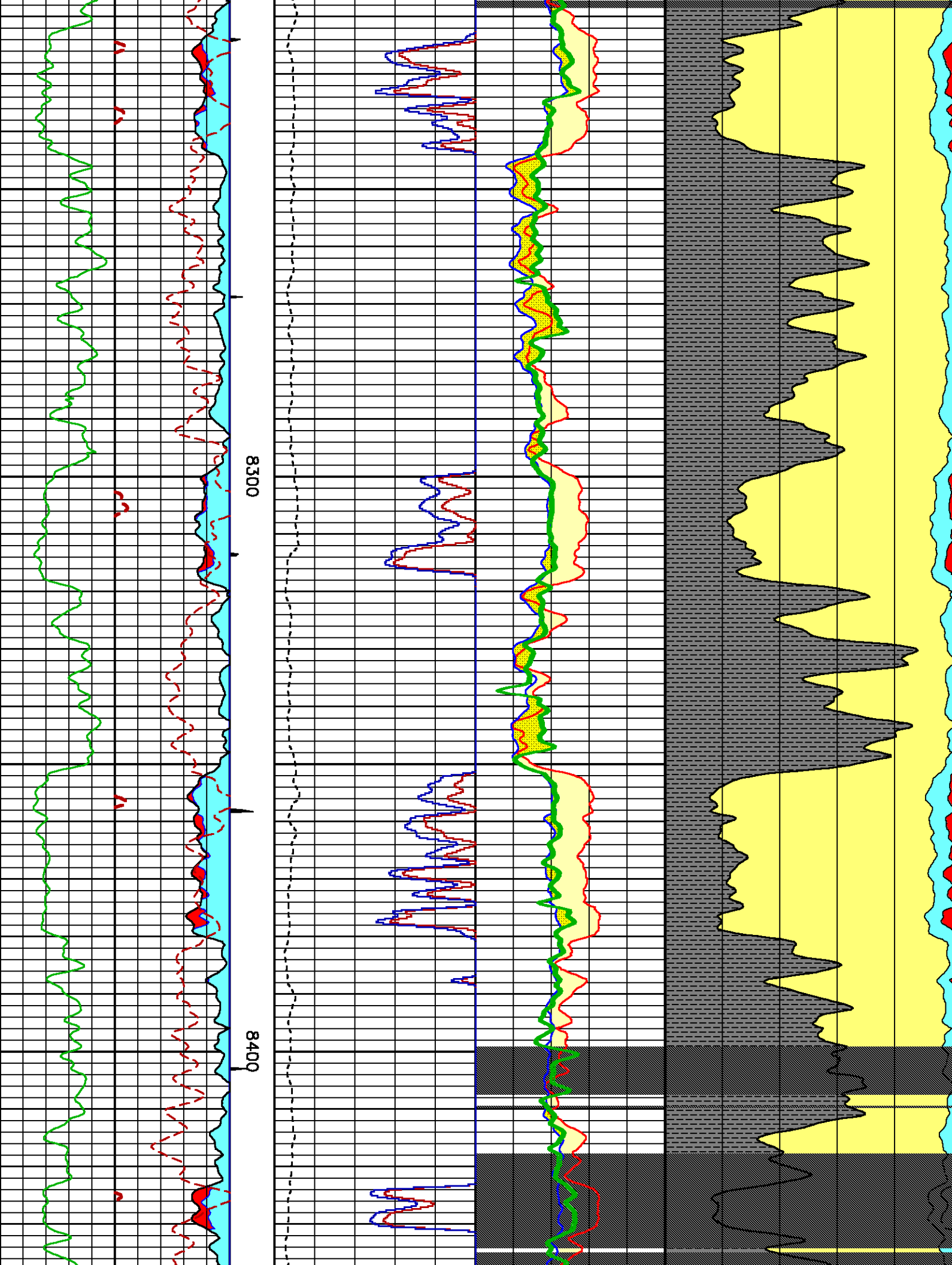


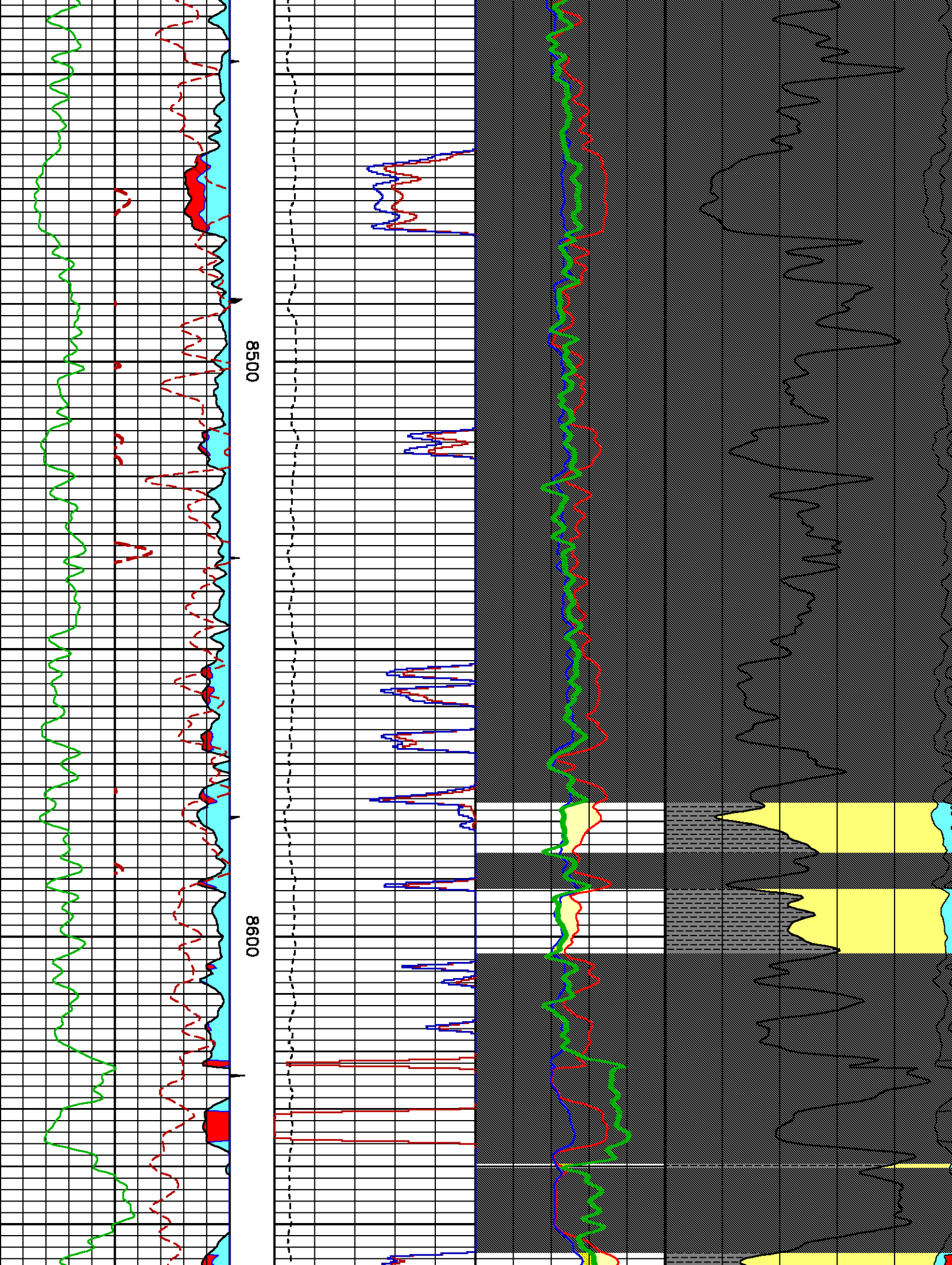


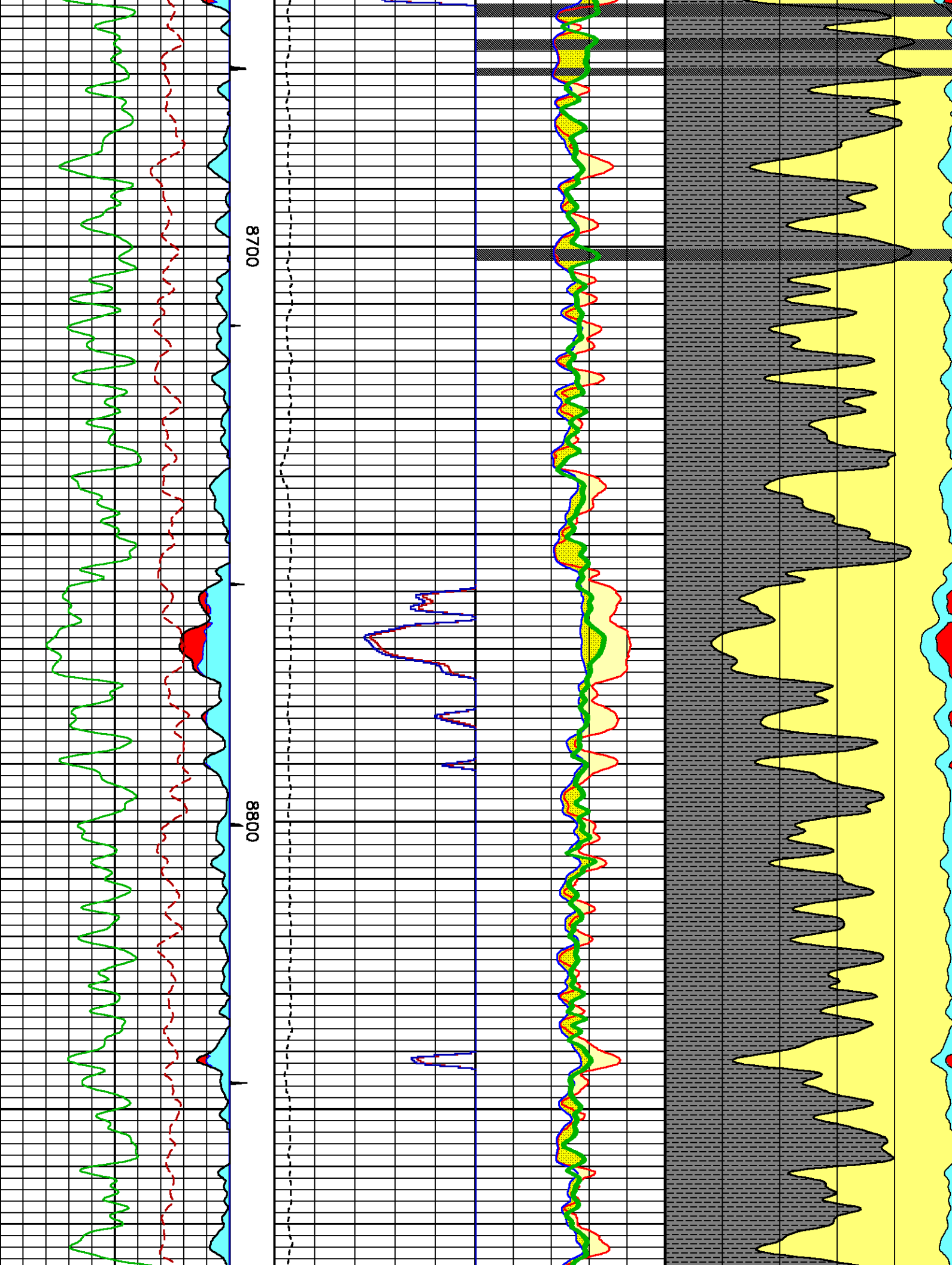


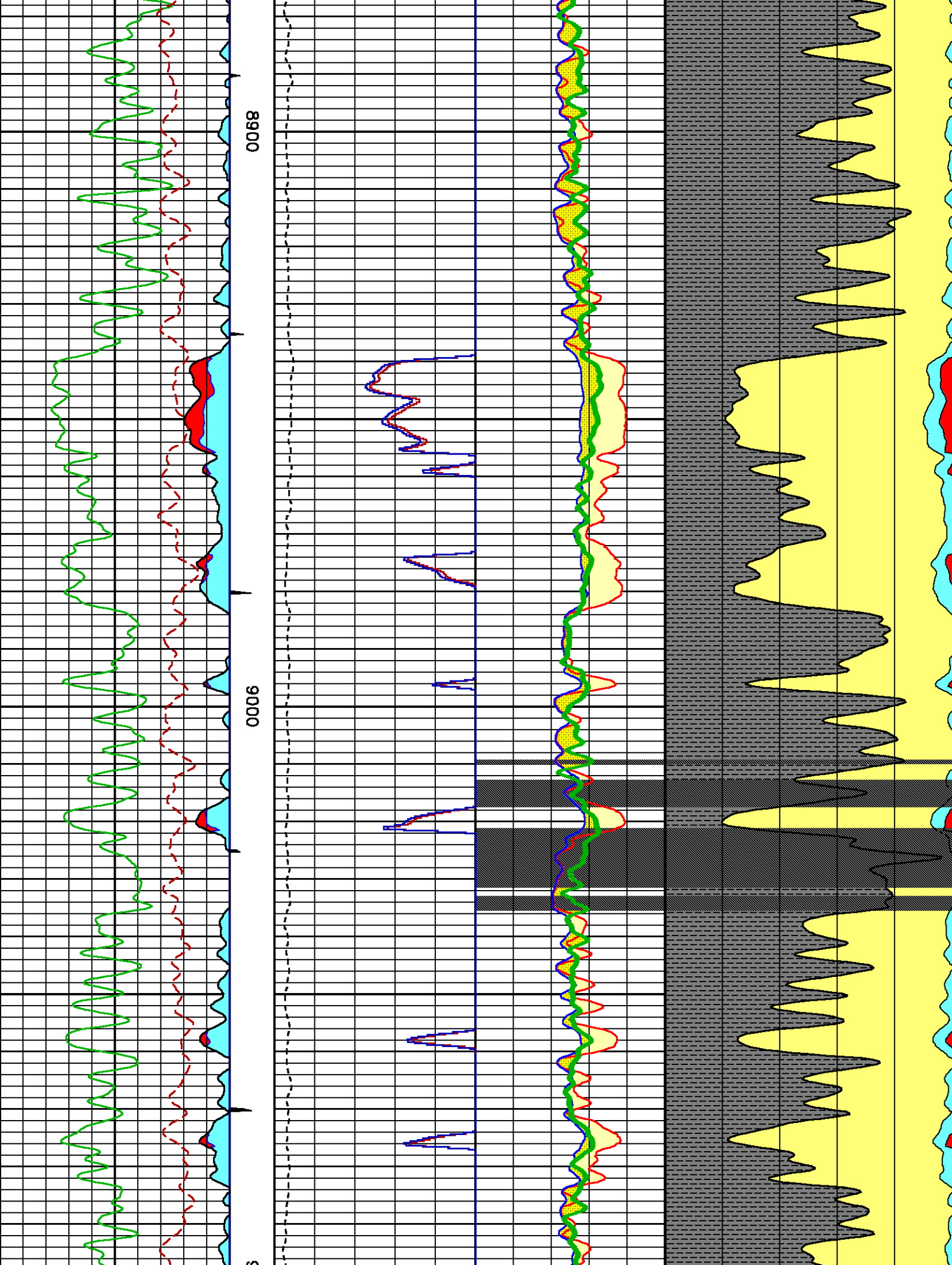


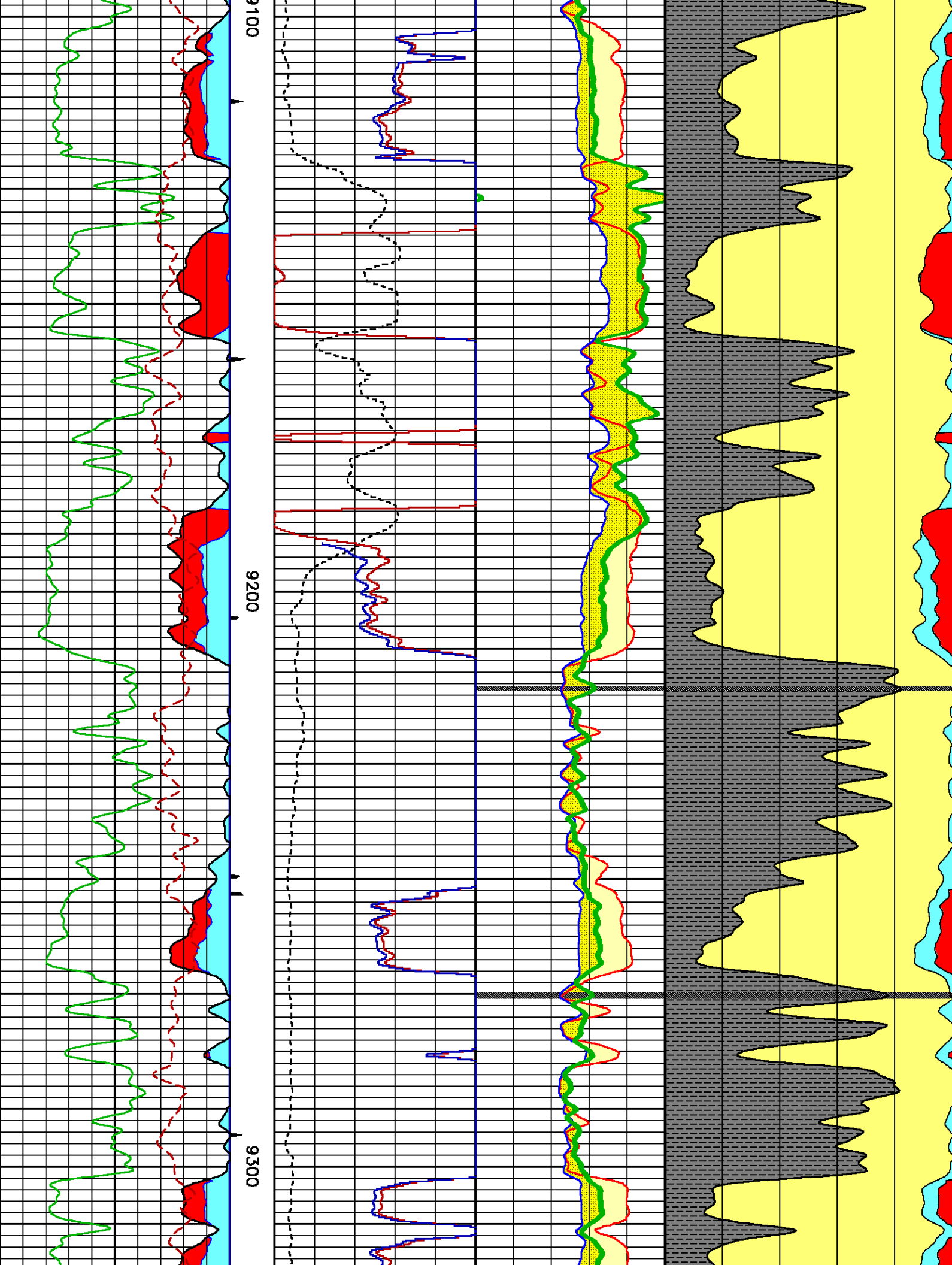


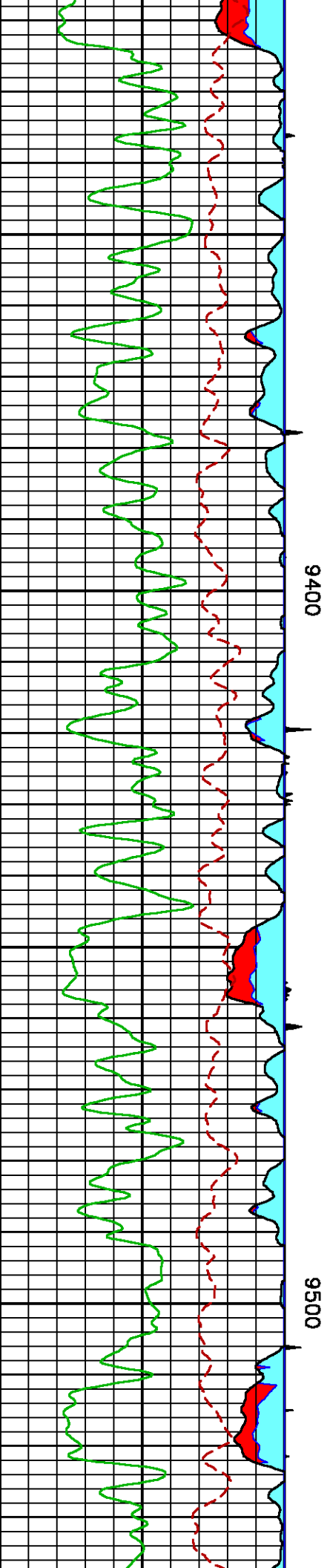
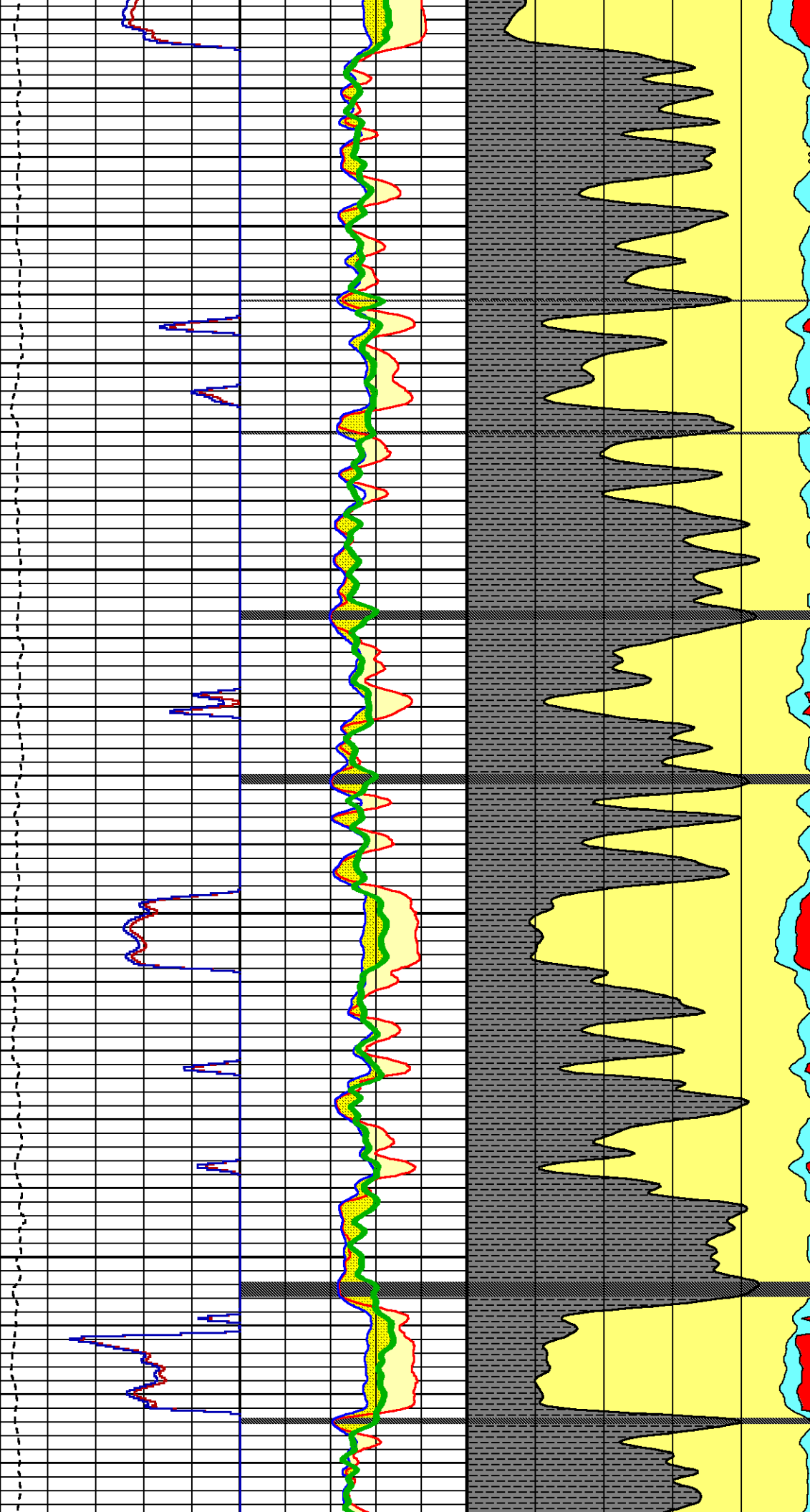


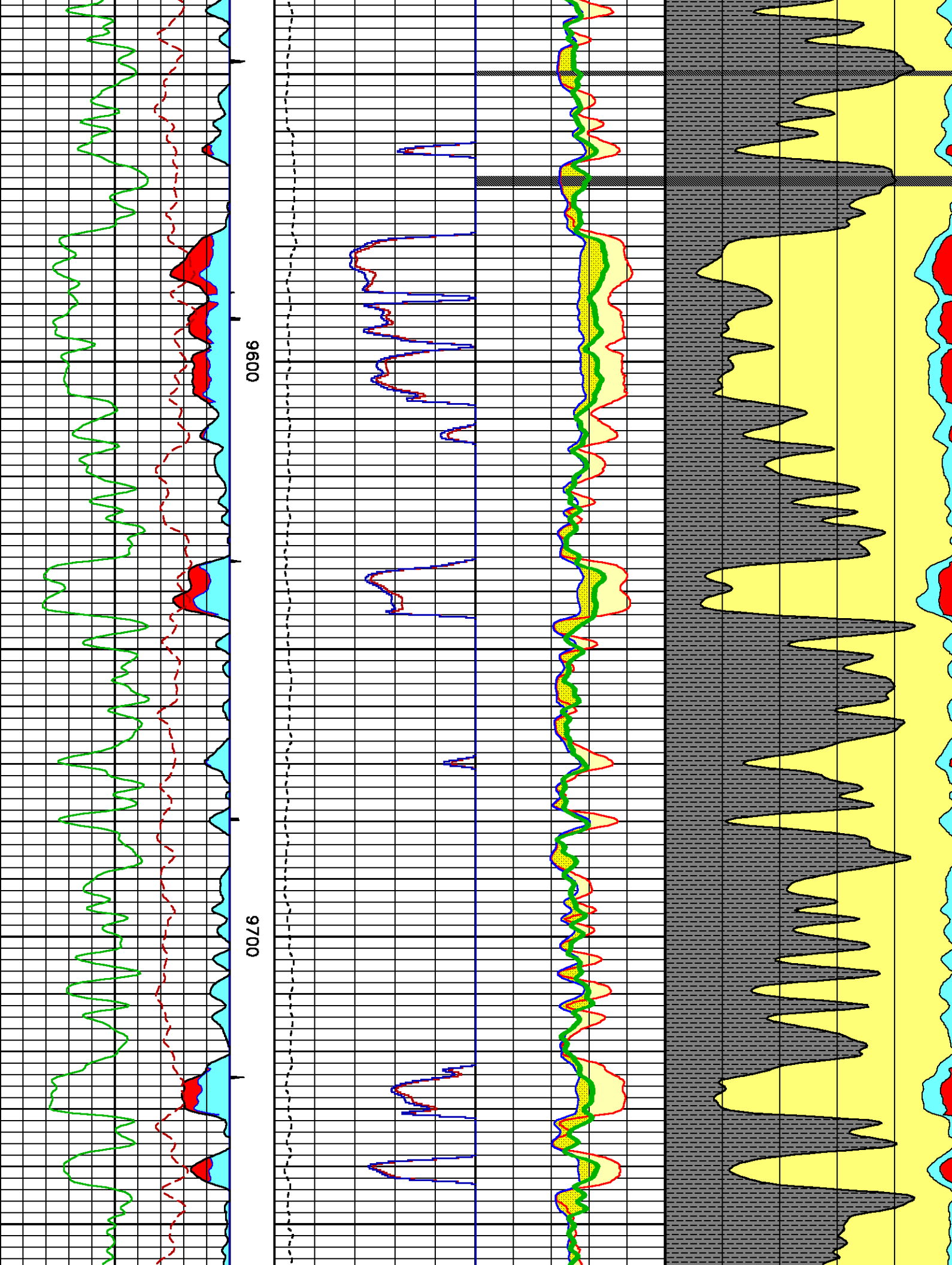


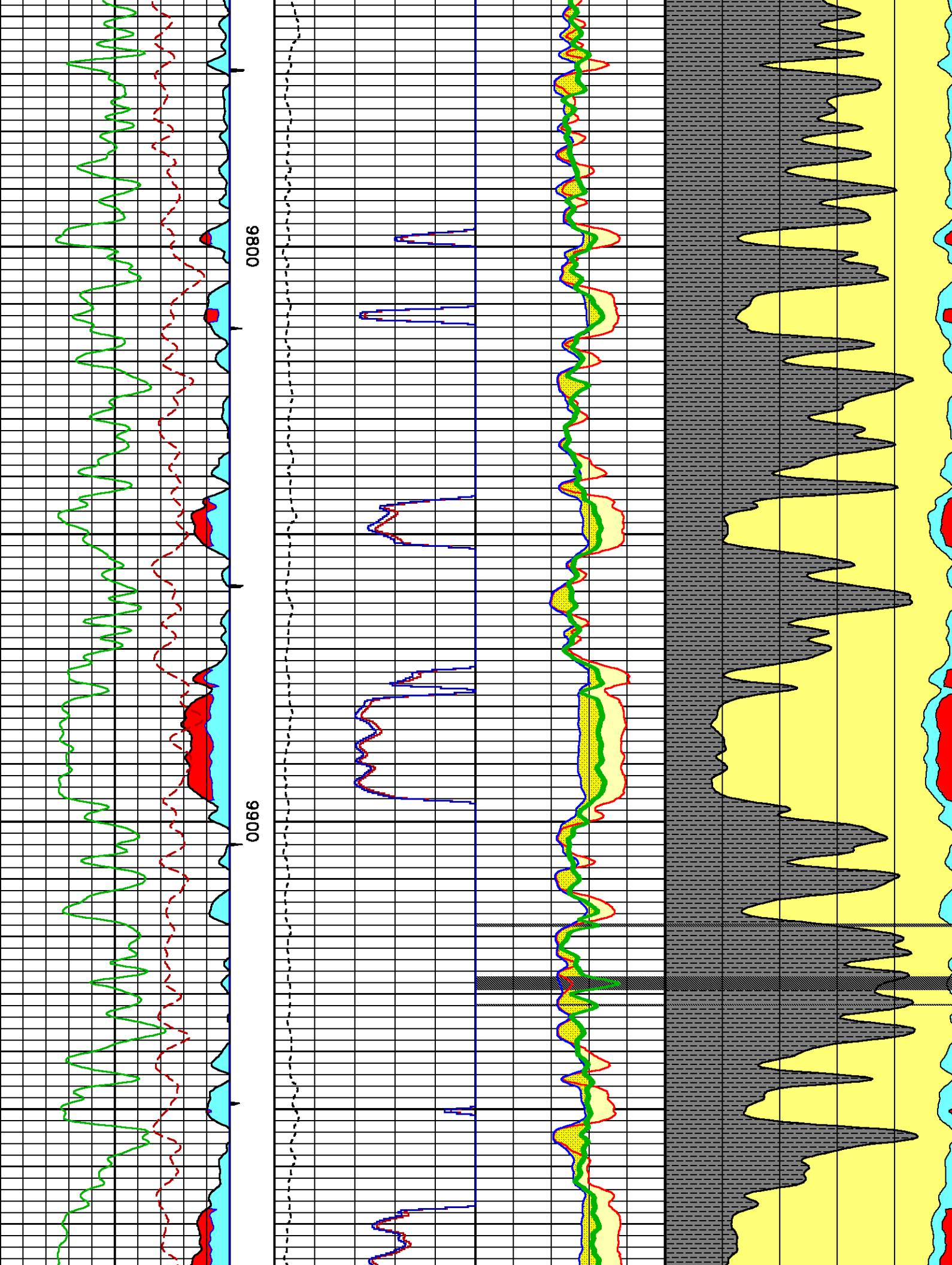


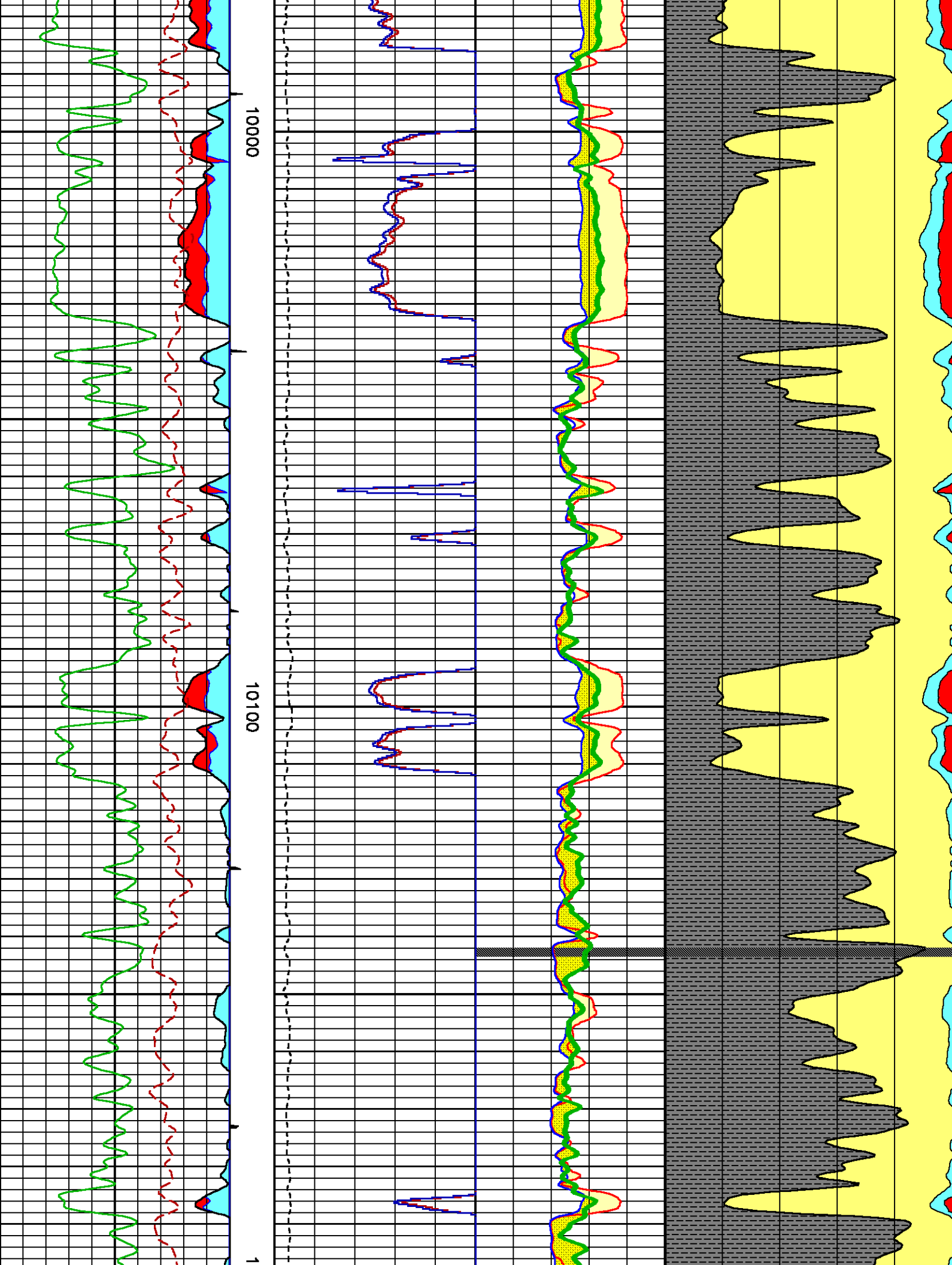


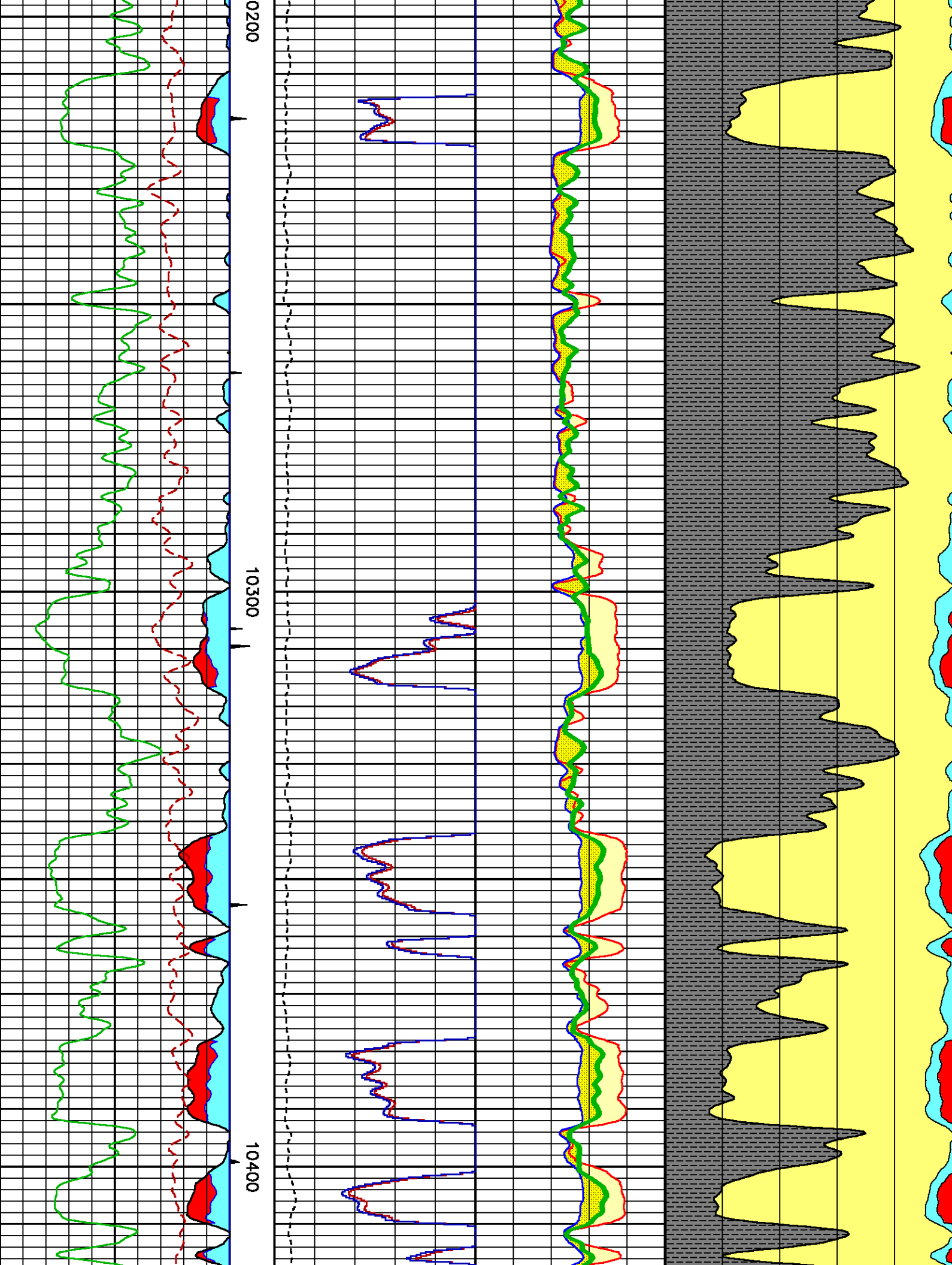


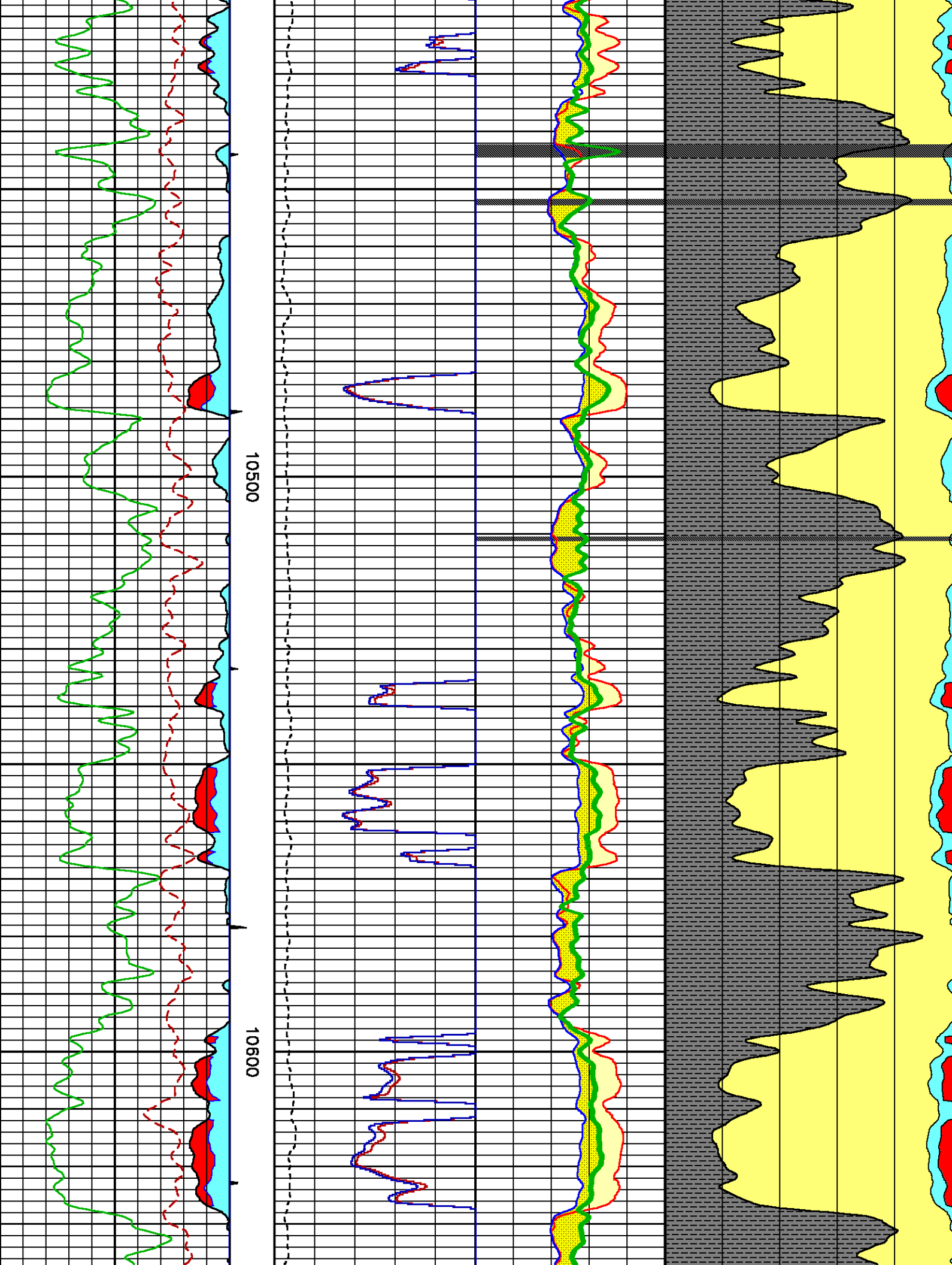


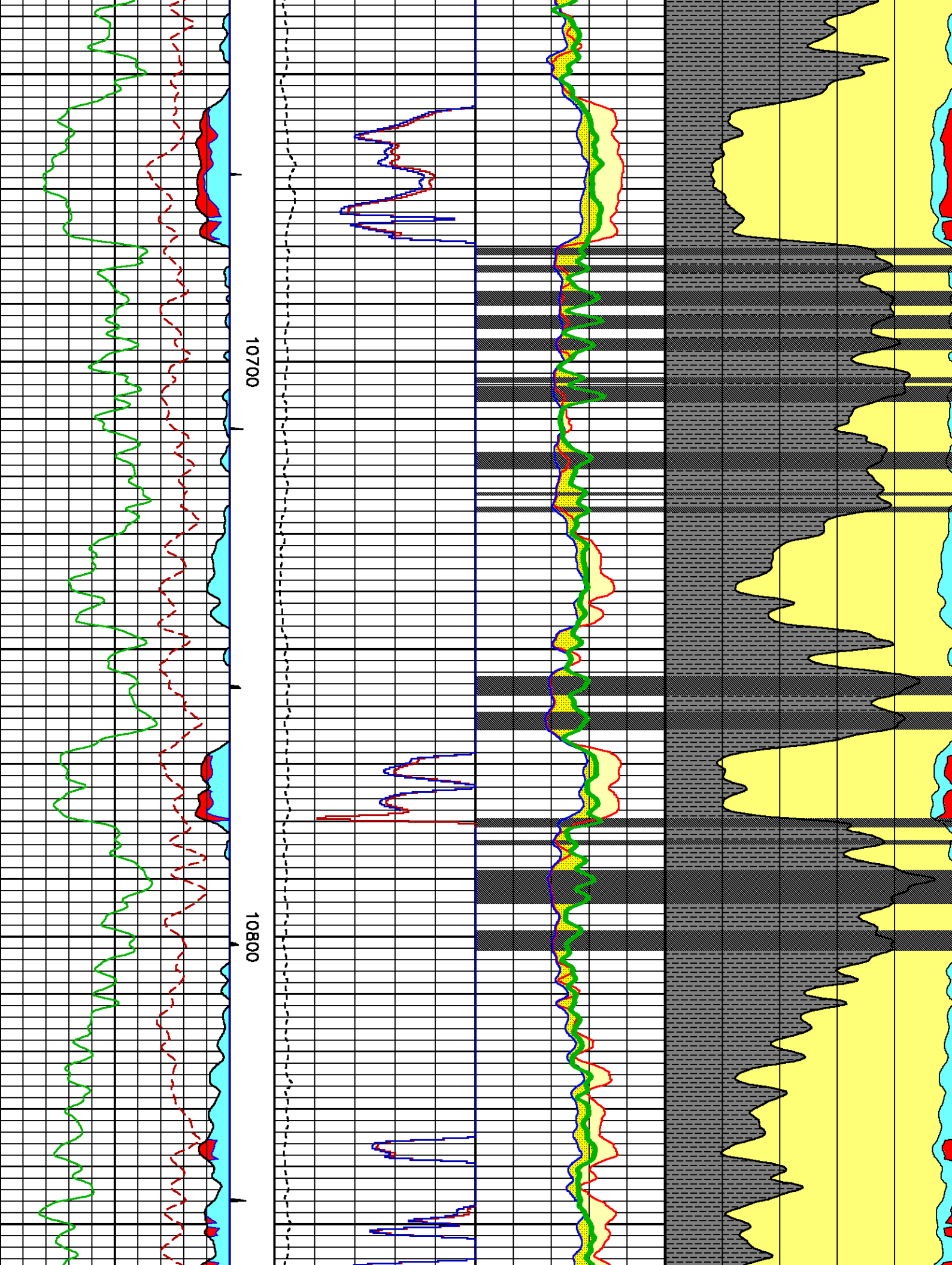


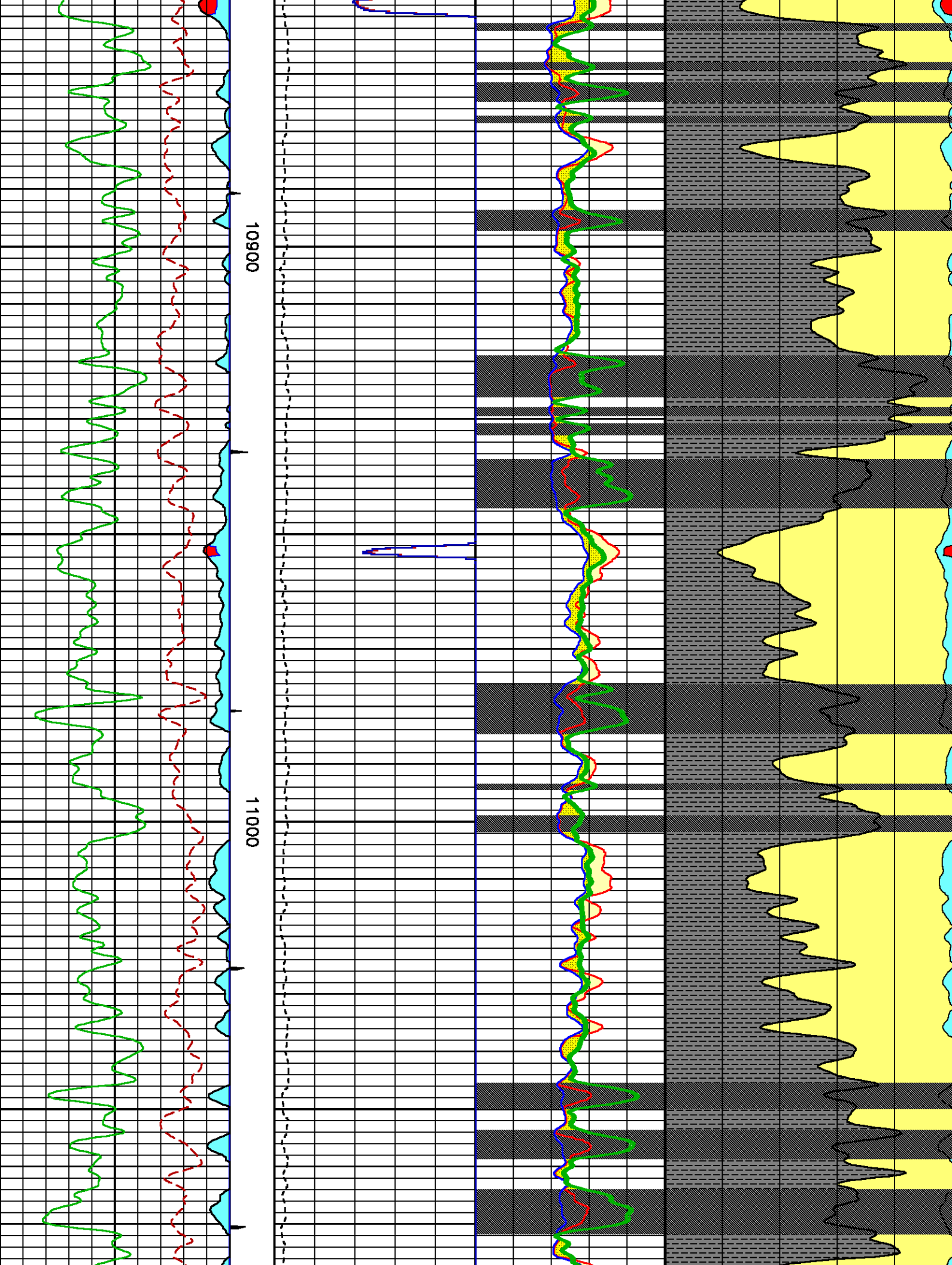


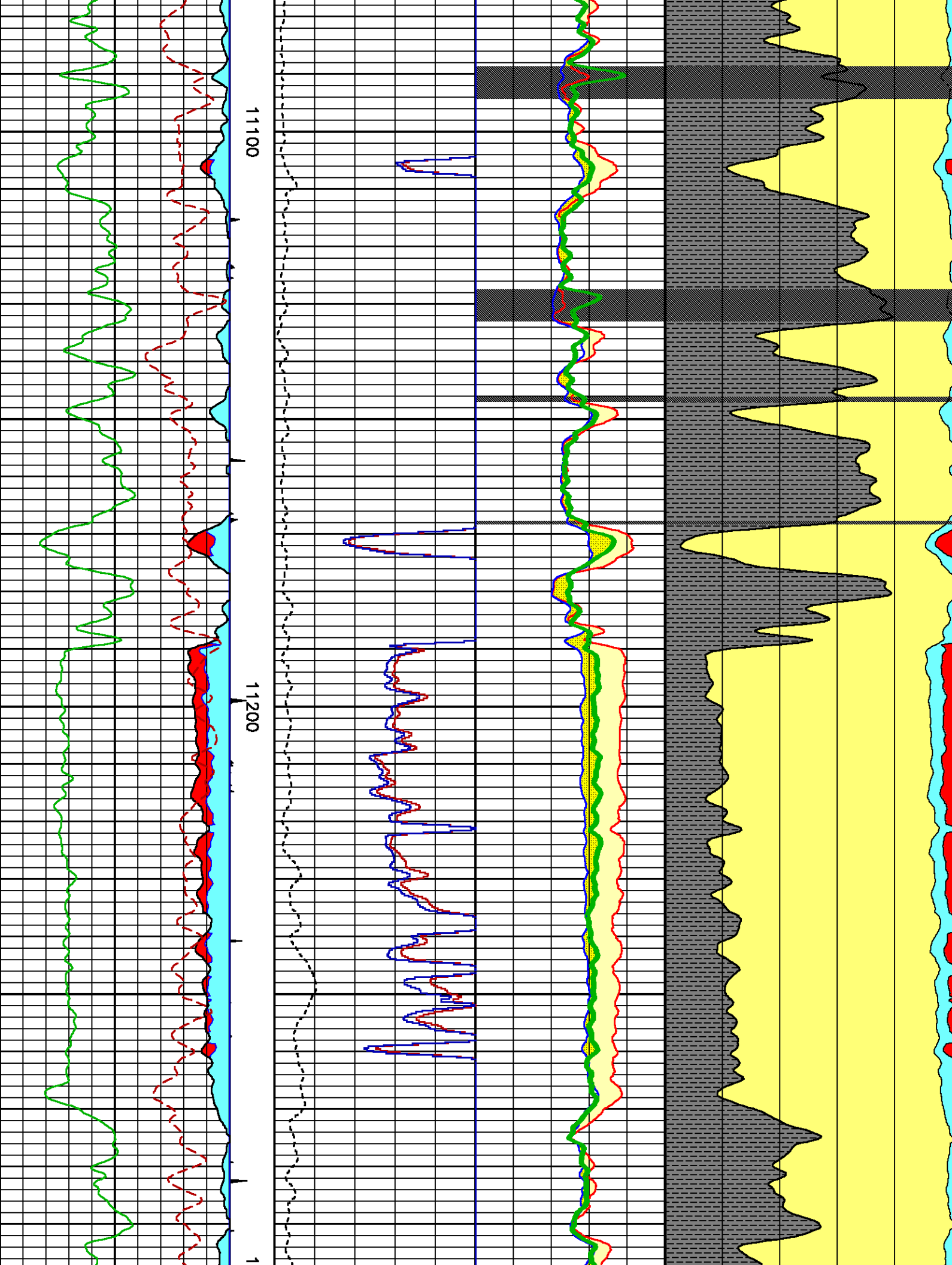


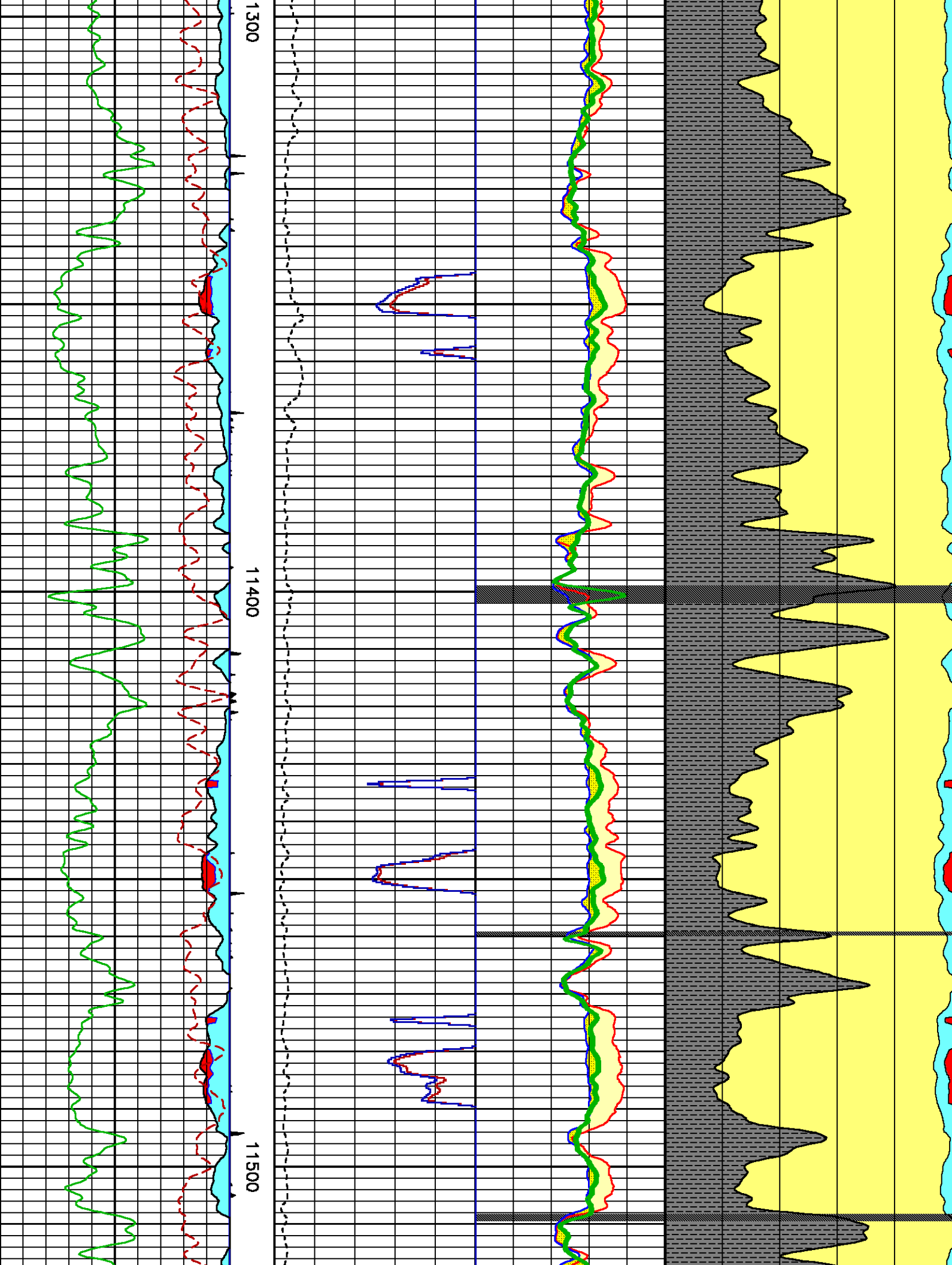


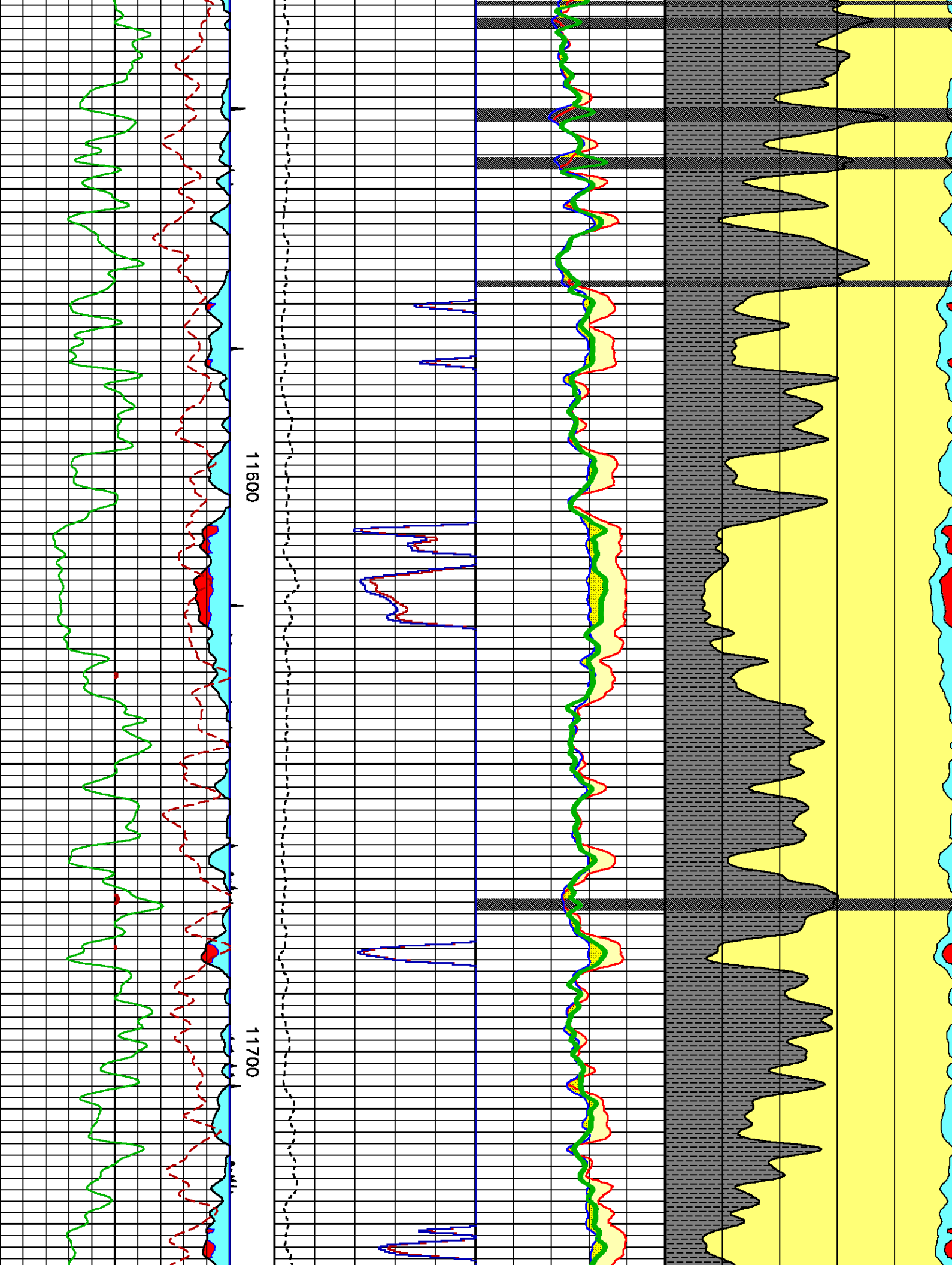


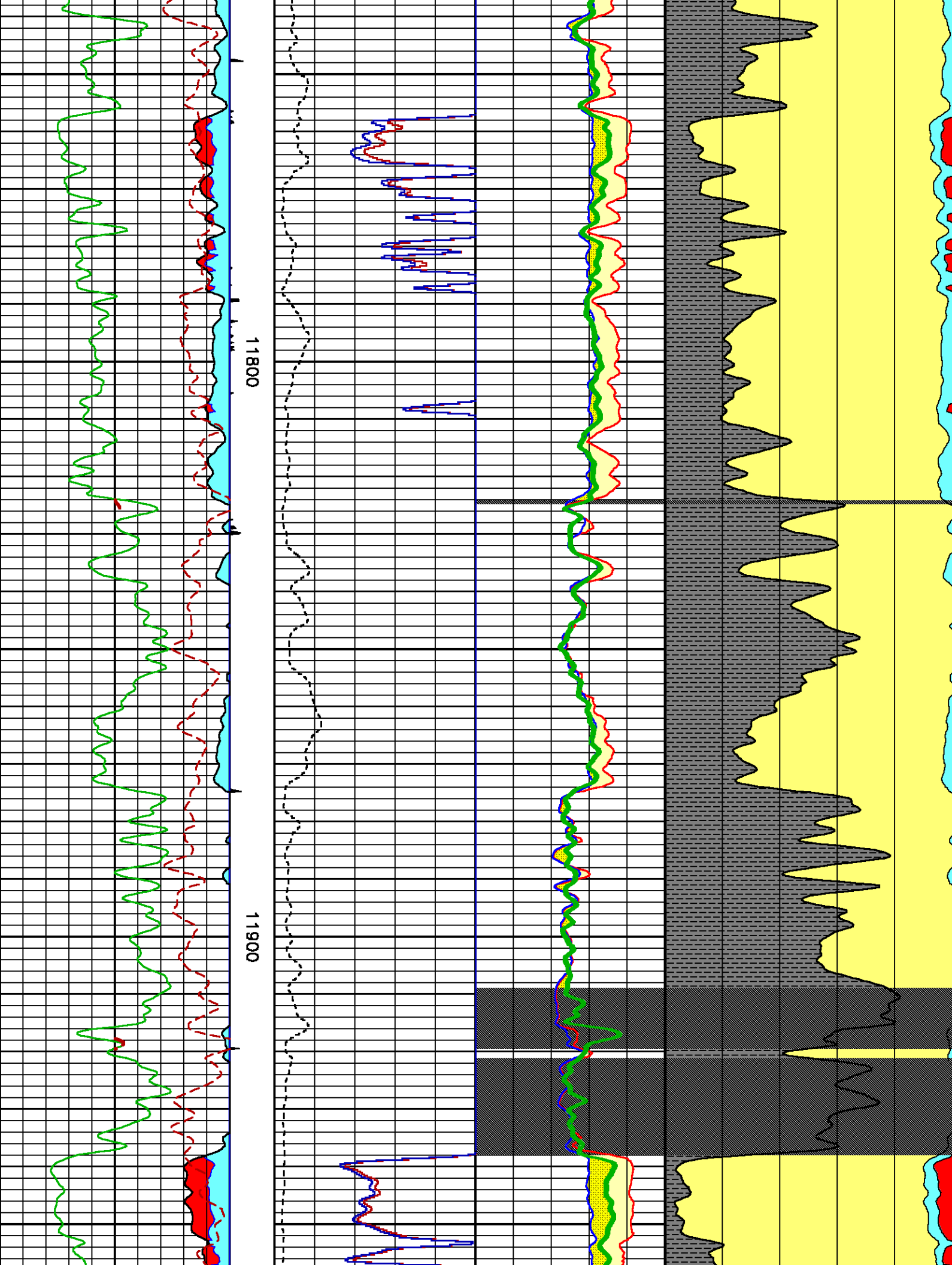


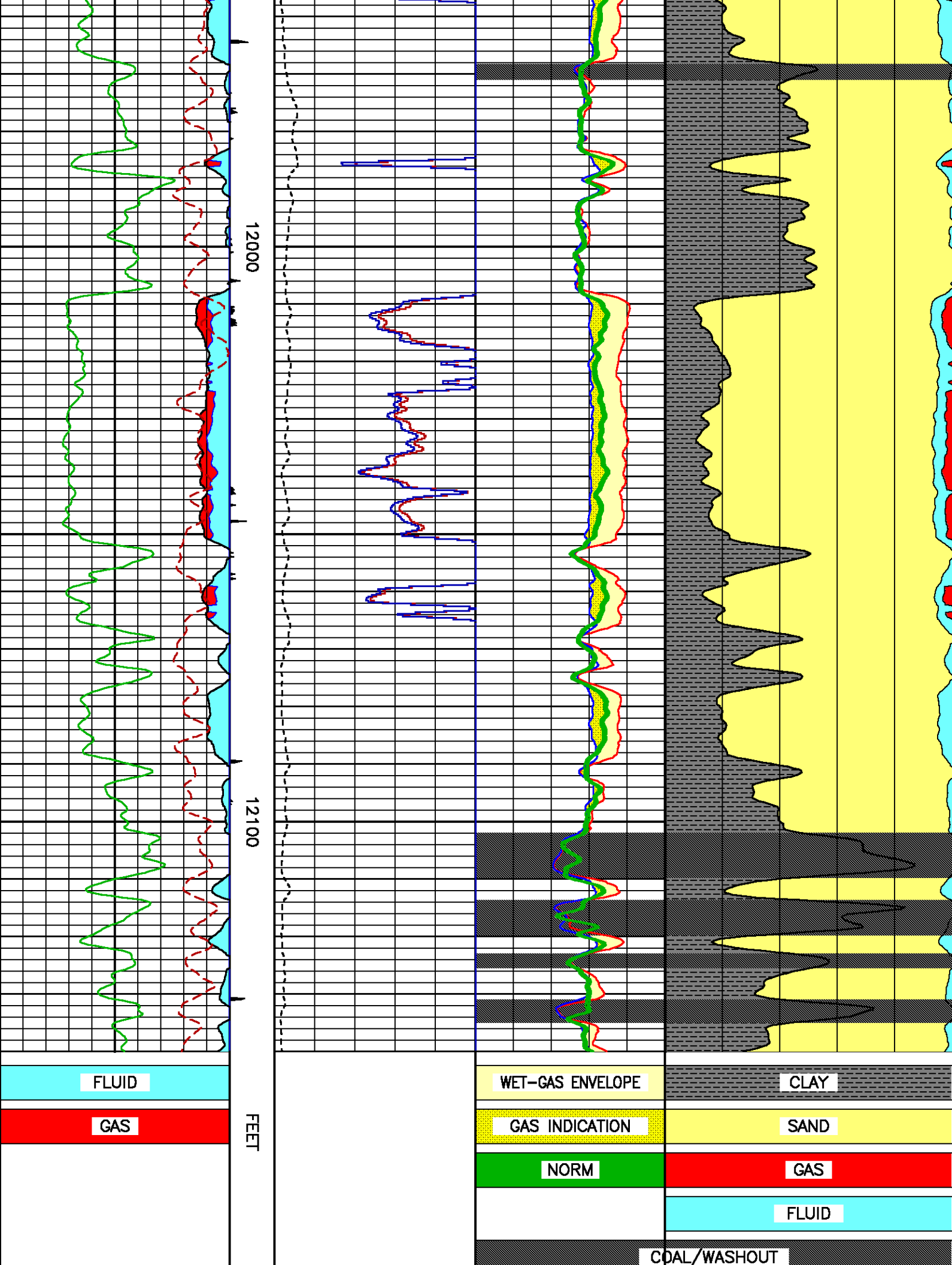


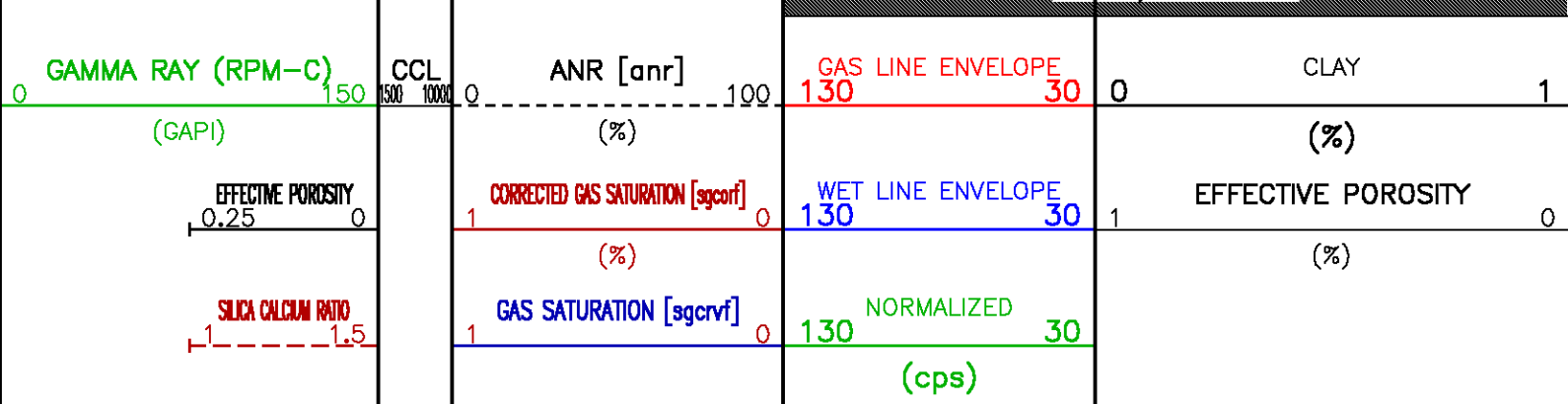



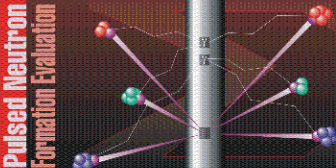










 	COMPANY <u>EXXONMOBIL PRODUCTION COMPANY</u> WELL <u>FRU 197-33A8</u> FIELD <u>PICEANCE CREEK</u> COUNTY <u>RIO BLANCO</u> STATE <u>COLORADO</u>		FILE NO: <u>3394</u> API NO: <u>05-103-11401</u>
	LOCATION: <u>845' FSL & 2360' FEL</u>		ELEVATIONS: KB <u>6417.4 FT</u> DF <u>6416.4 FT</u> GL <u>6388 FT</u>
	SEC <u>33</u> TWP <u>1S</u> RGE <u>97W</u>		DATE <u>28-APR-2010</u>