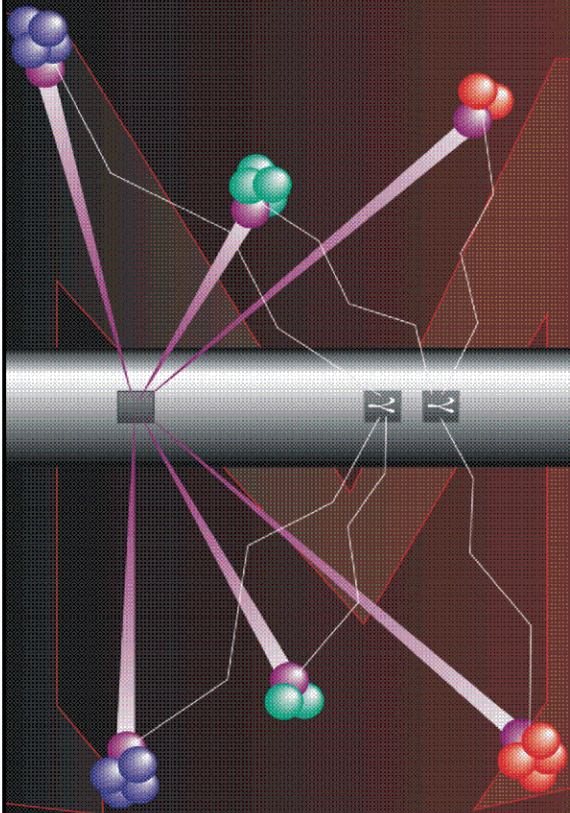




# Pulsed Neutron Formation Evaluation



## RESERVOIR PERFORMANCE MONITOR GASVIEW SATURATION ANALYSIS

COMPANY EXXONMOBIL PRODUCTION COMPANY

WELL PCU 296-5A9

FIELD PICEANCE CREEK

COUNTY RIO BLANCO STATE COLORADO

LOCATION: SHL: 736' FNL & 528' FNL

SEC 5 TWP 2S RGE 96W

ELEVATIONS:

KB 7339.2 FT DF 7338.2 FT GL 7309 FT

DATE 28-JUL-2011 ECC 4028

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-JUL-2011</u>
FIELD DATA	LOCATION: <u>GRAND JUNCTION</u>		ENGINEER: <u>T.KAUTT/575376</u>	DATE: <u>21-JUL-2011</u>
FROM	TO			
<u>9980 FT</u>	<u>13600 FT</u>			

### REMARKS

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

GASVIEW LOG PROCESSED IN THREE ZONES:

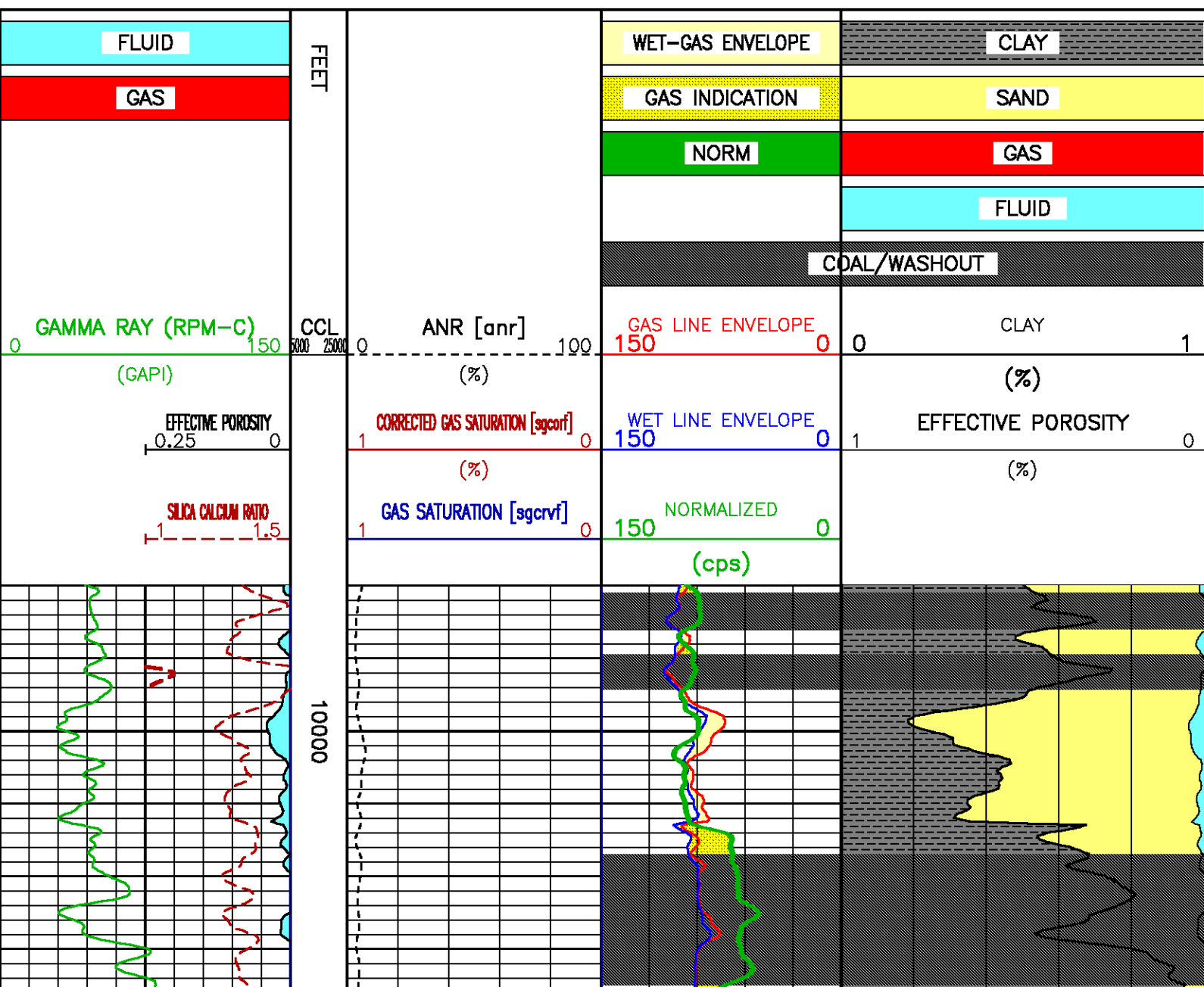
ZONE 1: 9980-10013 FT  
ZONE 2: 10013-12470 FT  
ZONE 3: 12470-13600 FT

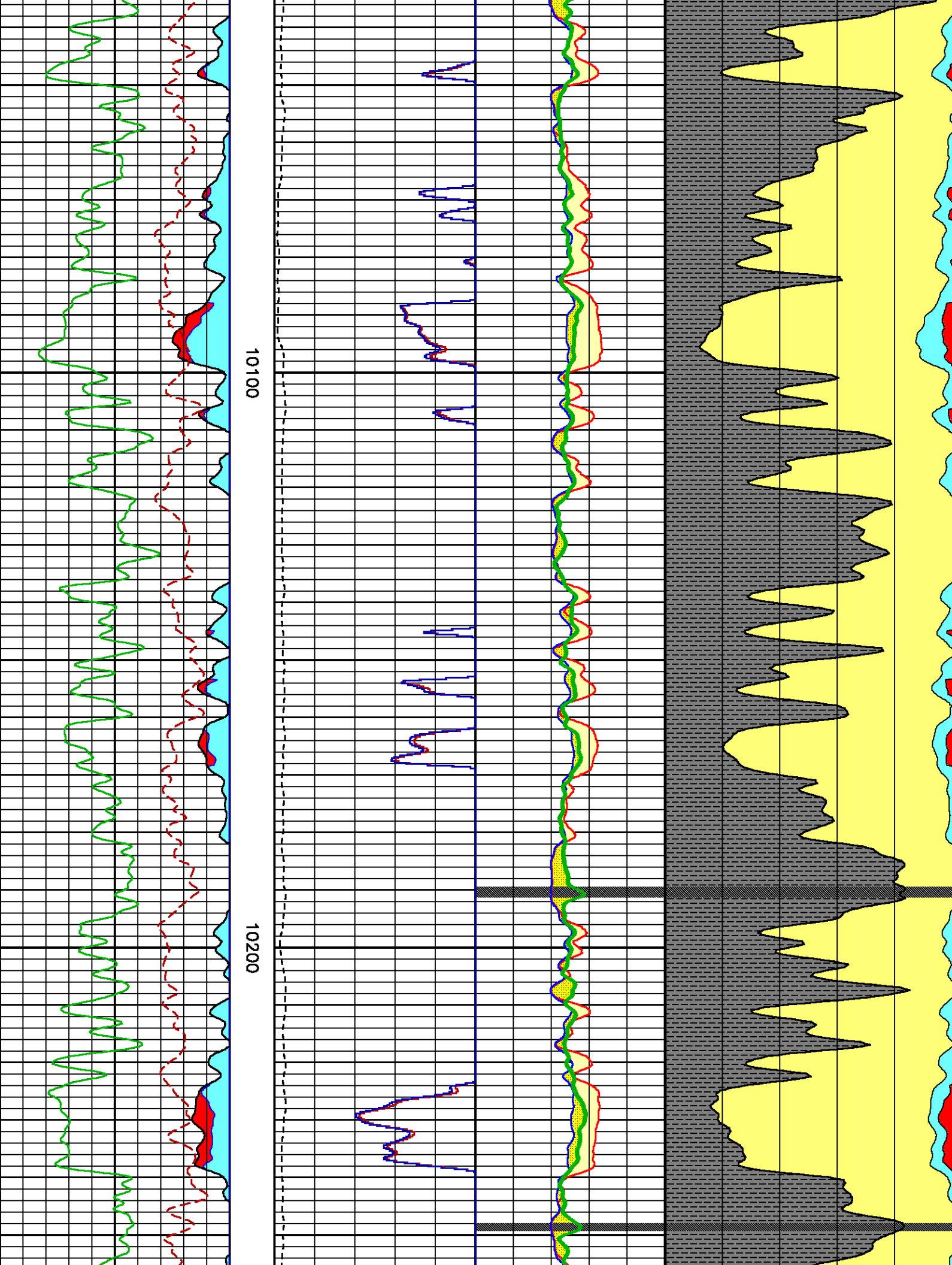
SGCORF = GAS SATURATION WITH GAS CUT CEMENT CORRECTION APPLIED  
SGCRVF = GAS SATURATION WITHOUT GAS CUT CEMENT CORRECTION APPLIED

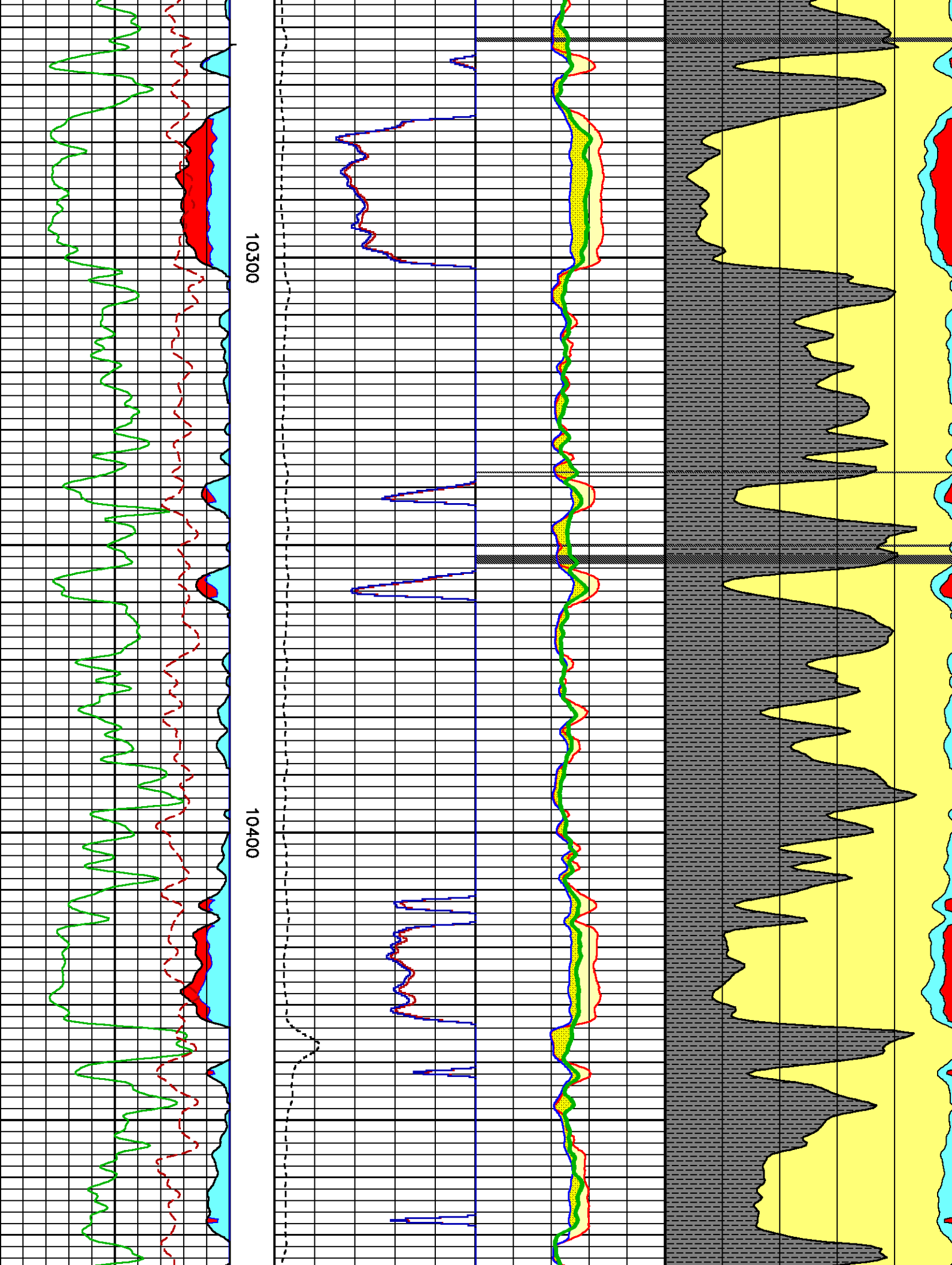
# BAKER ATLAS PRELIMINARY GASVIEW SATURATION ANALYSIS

Project : /export/home/starmela/4028\_EXXON\_PCU\_296-5A9  
 User : starmela  
 Presentation : densrv01:/export/home/starmela/4028\_EXXON\_PCU\_296-5A9/pncgas\_8\_5\_new\_EXXON\_BOND.pdf [5"/100' Scale]  
 Plot Interval : 9980 - 13600 Feet

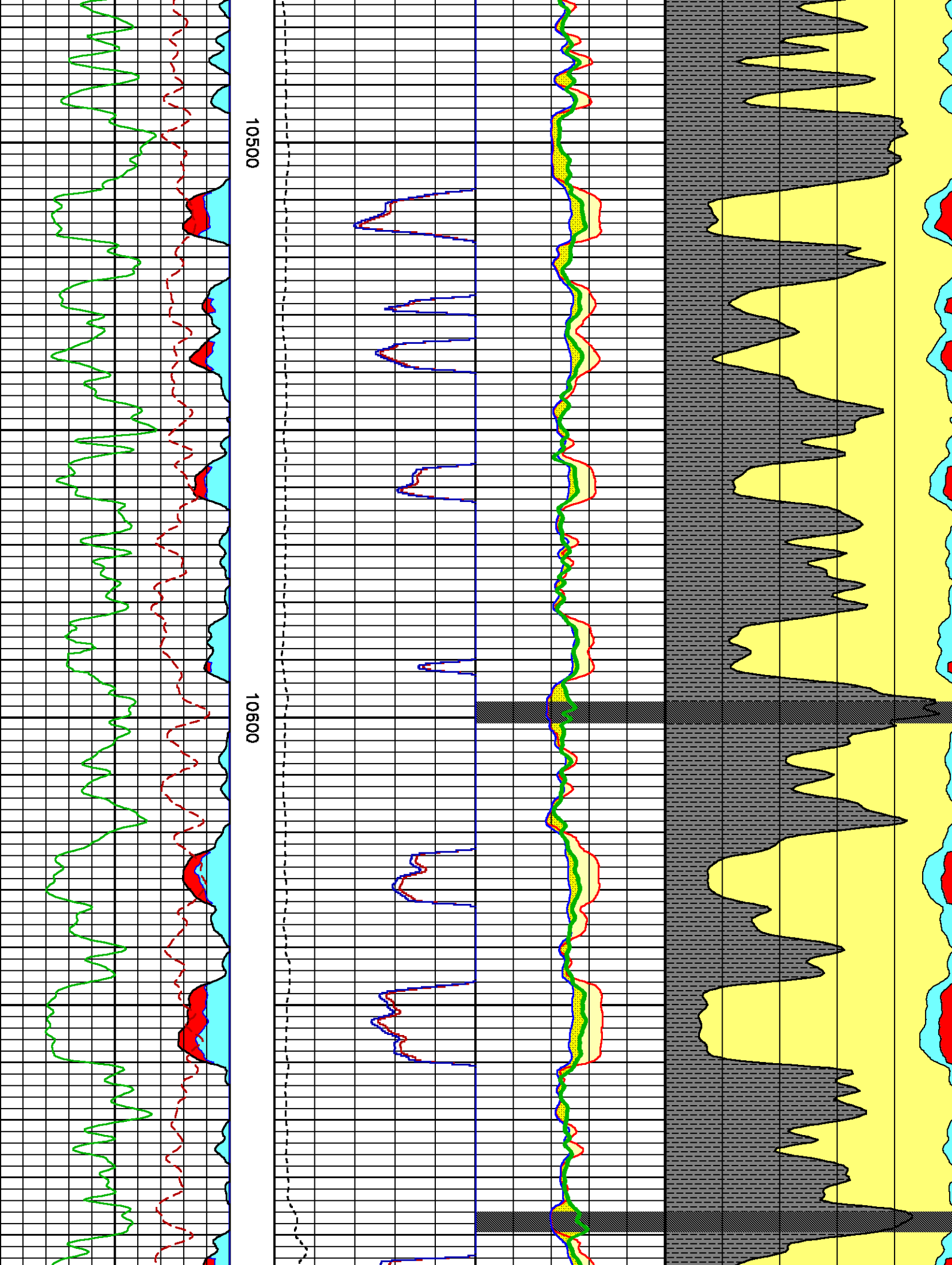
Data File 1 : F1 : densrv01:/export/home/starmela/4028\_EXXON\_PCU\_296-5A9/MAIN\_COR.xtf  
 Created On : Jul 21 07:28:27 2011  
 Company : EXXONMOBIL PRODUCTION COMPANY  
 Well : PCU 296-5A9  
 Field : PICEANCE CREEK  
 File Interval : 9970 - 13630 Feet  
 Oct : NA

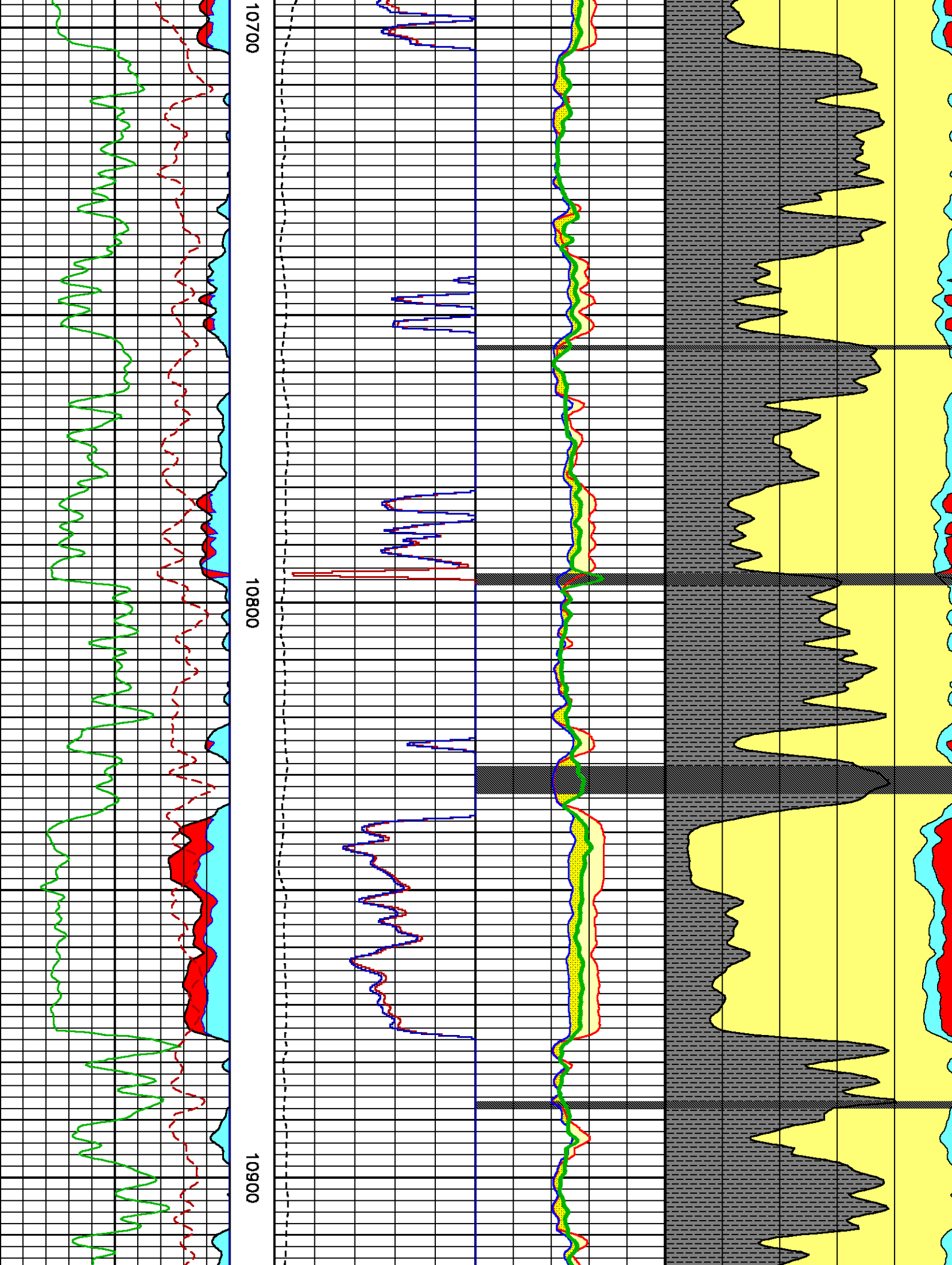


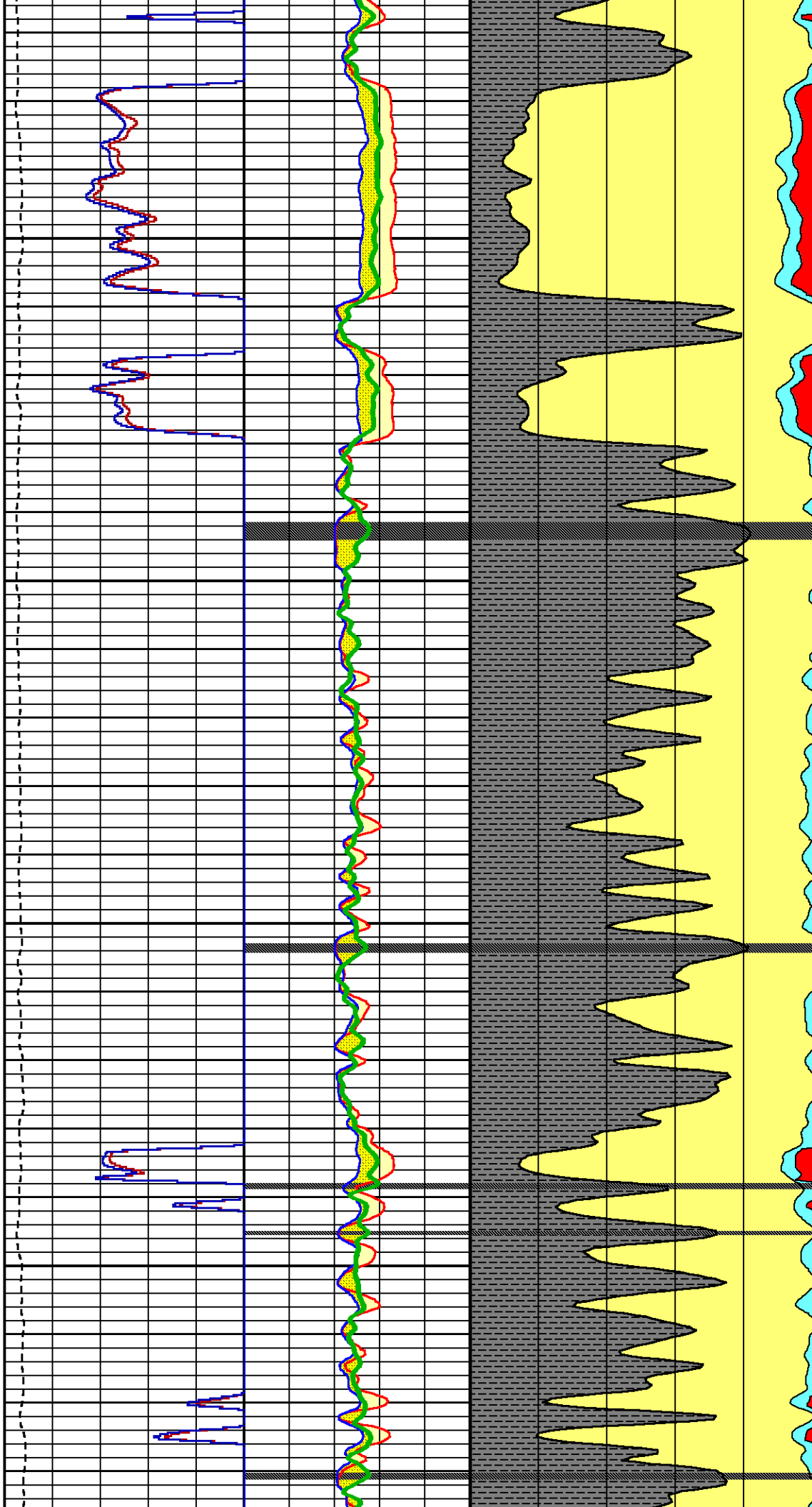






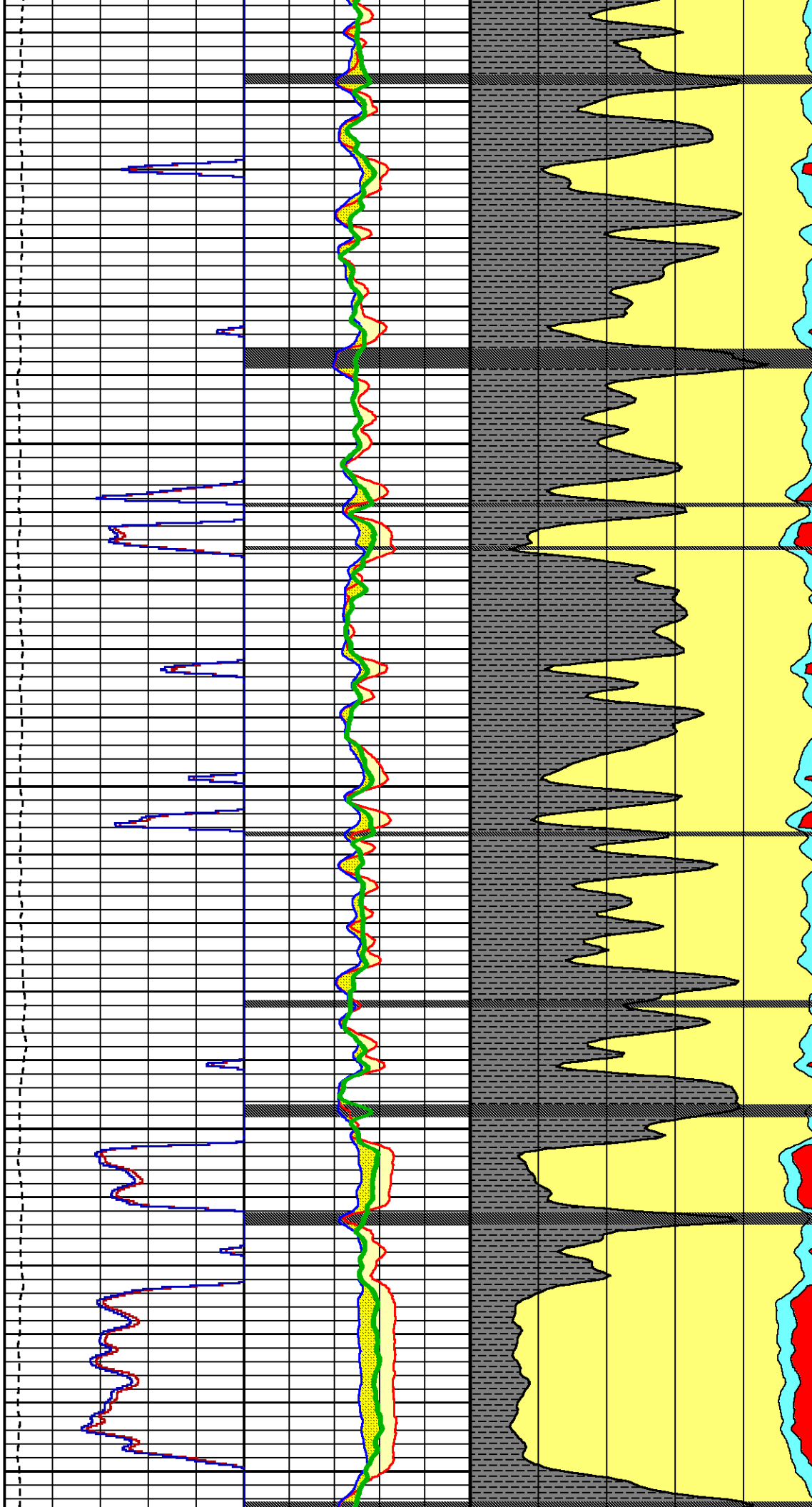






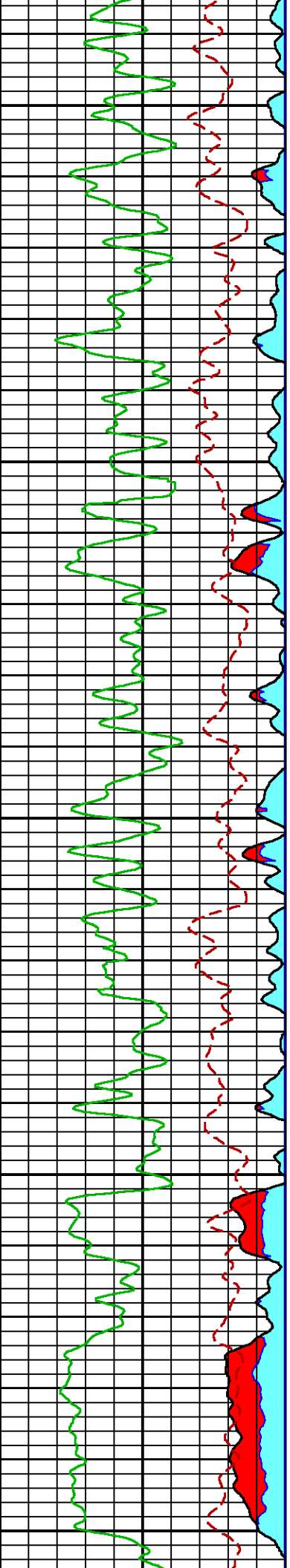
11000

11100

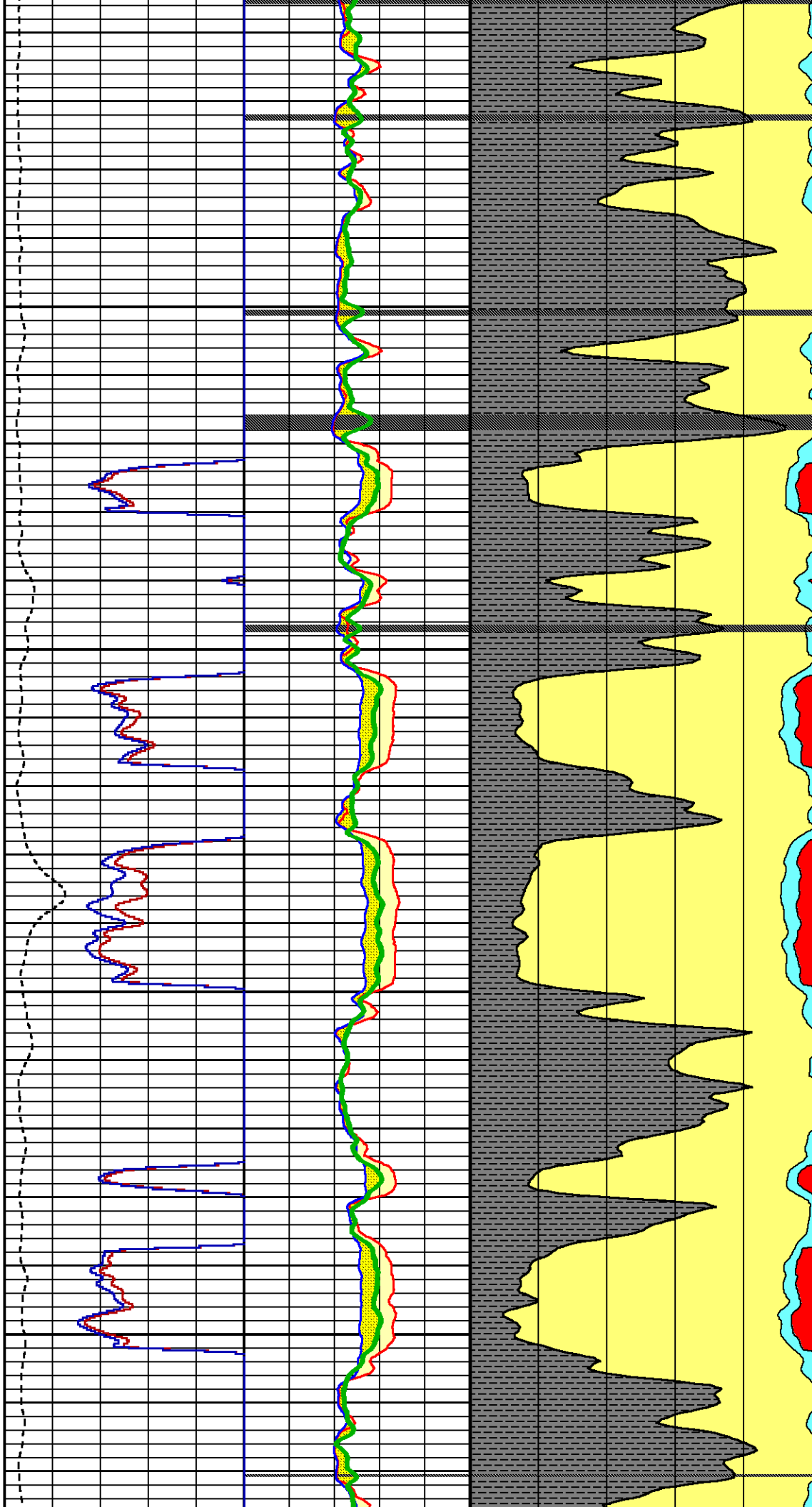


11200

11300

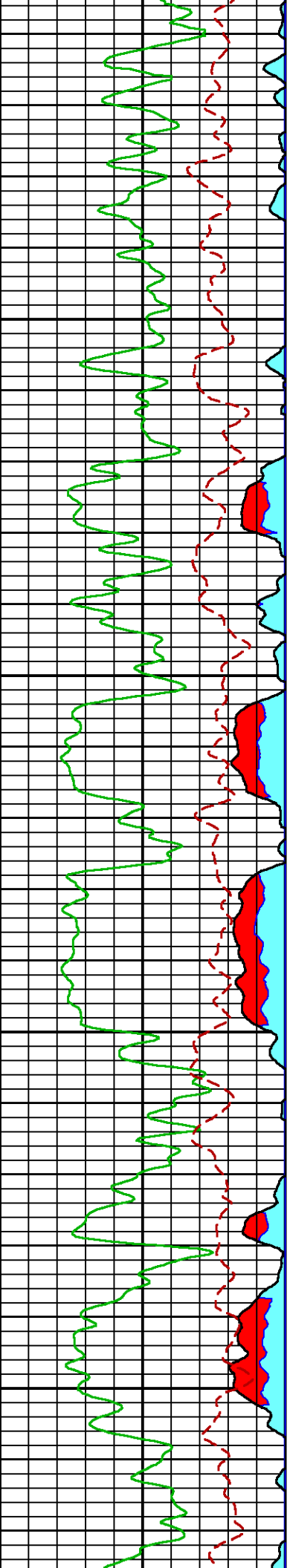


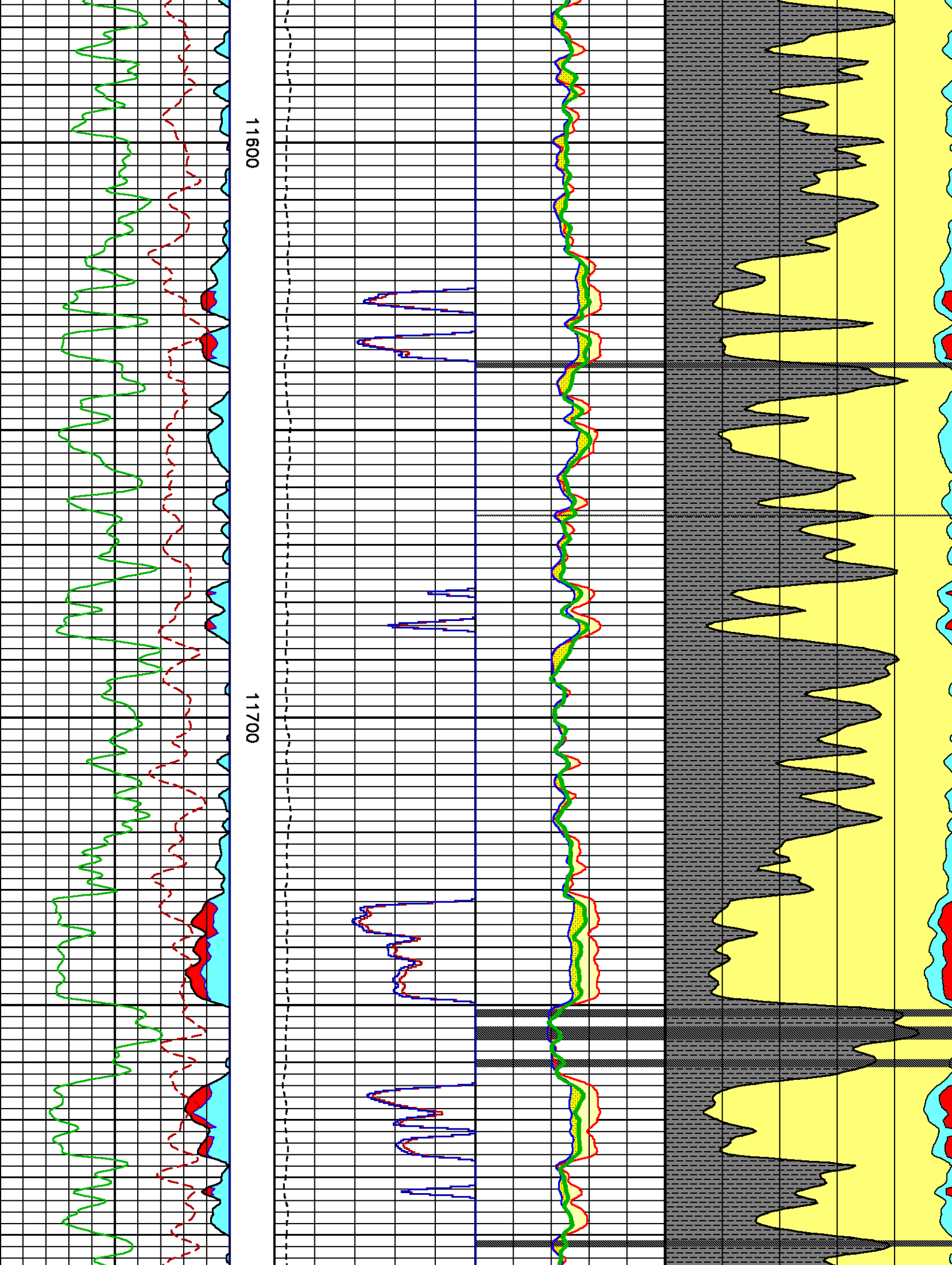


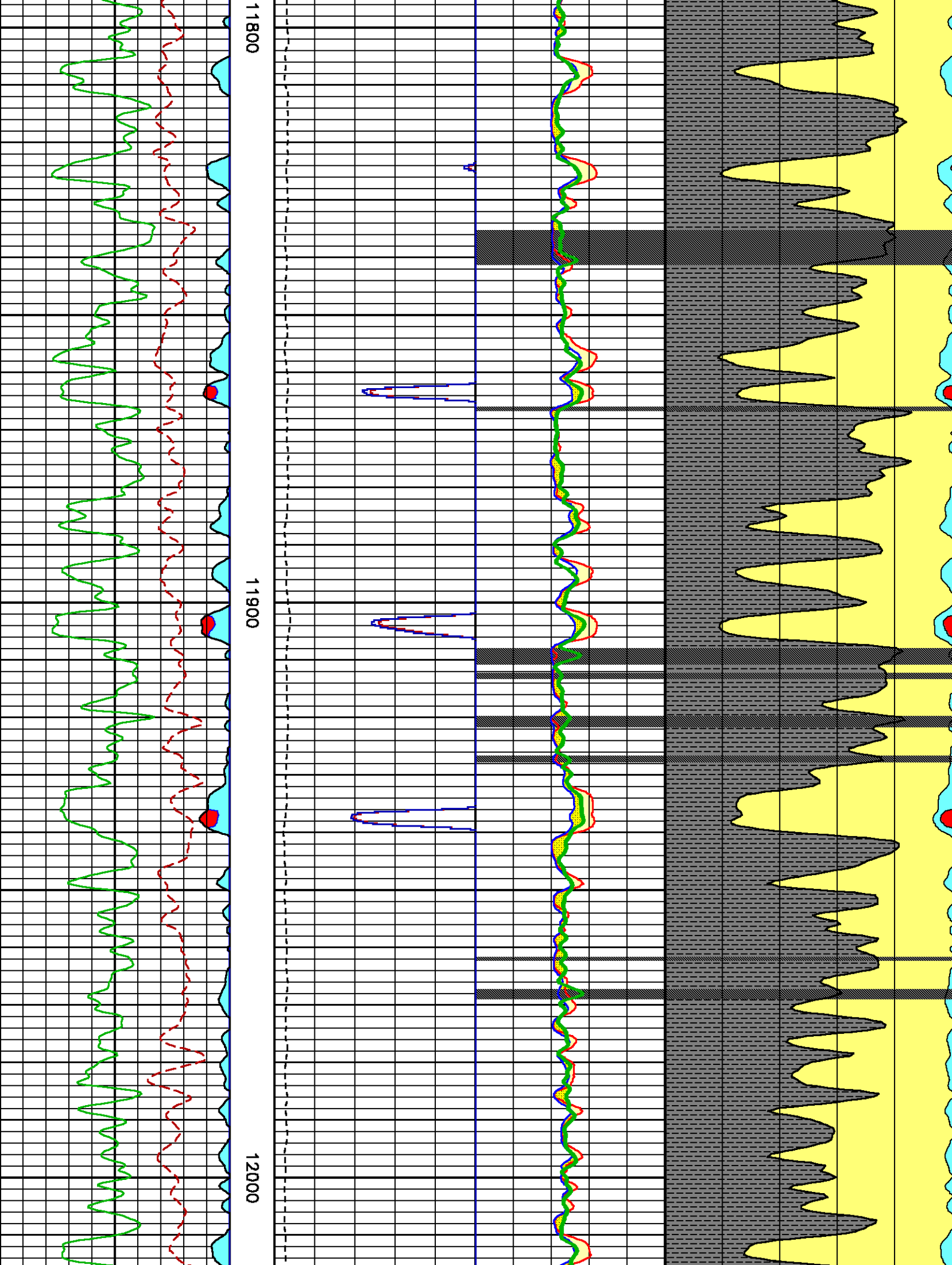


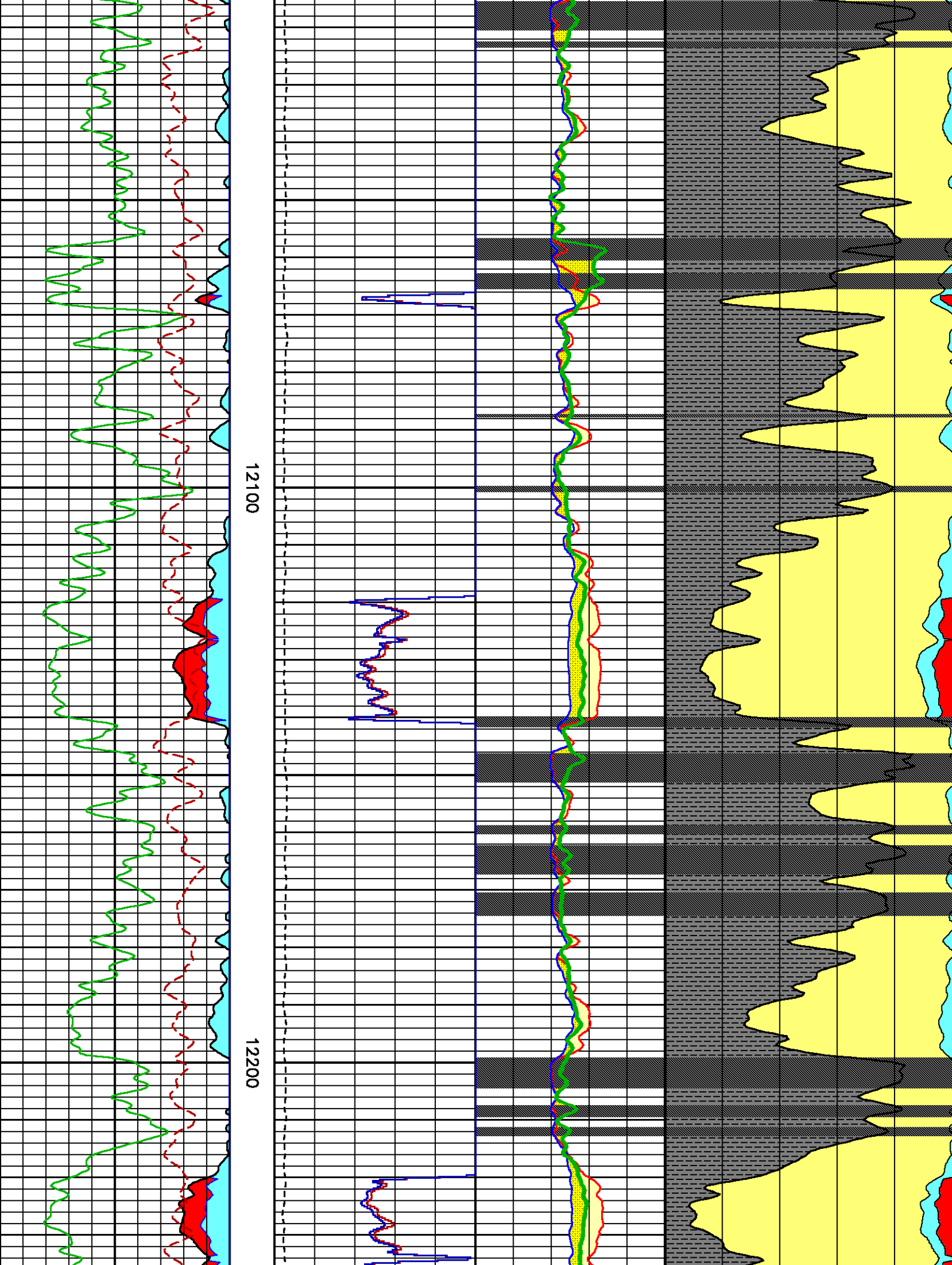
11400

11500

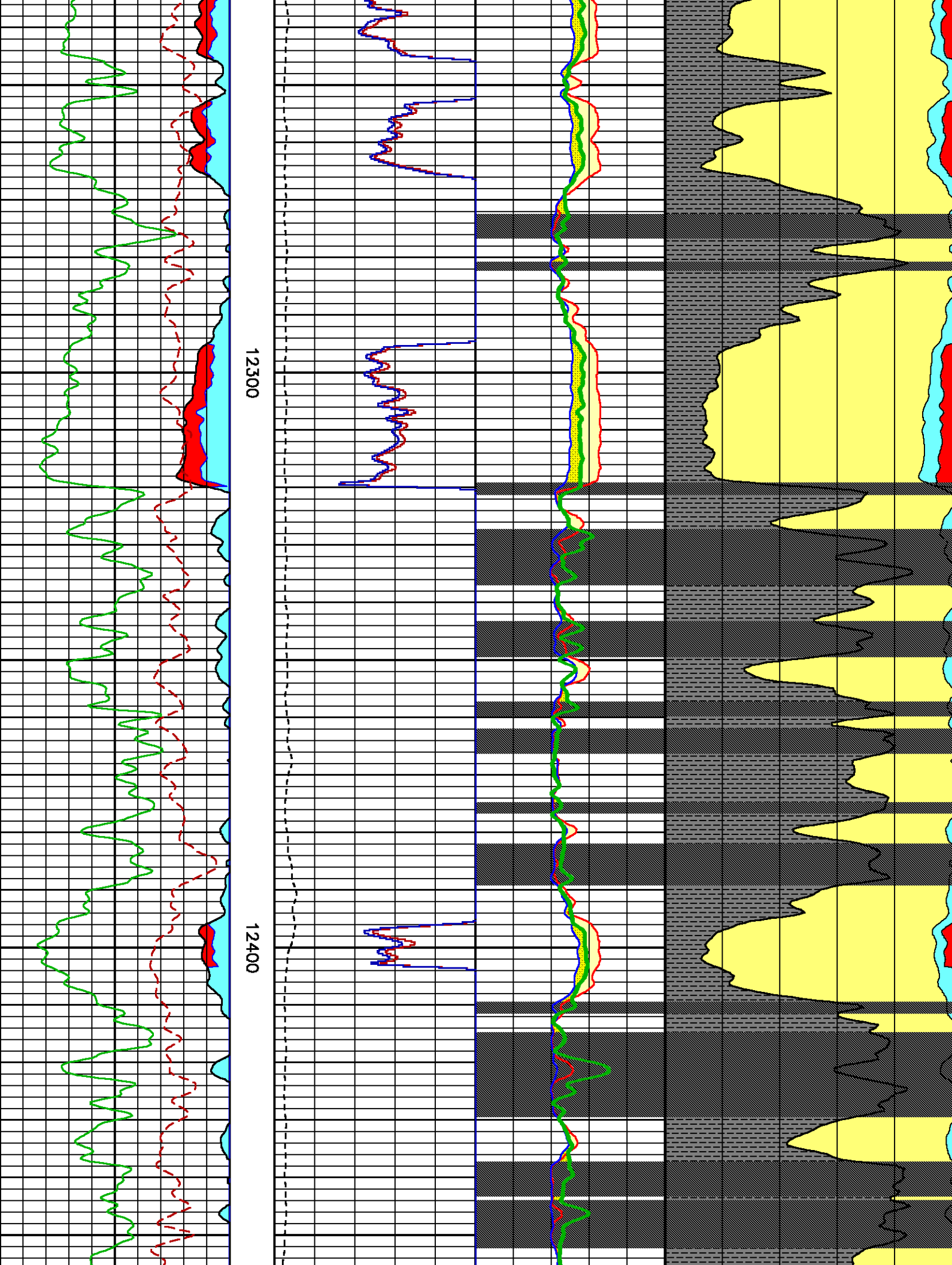




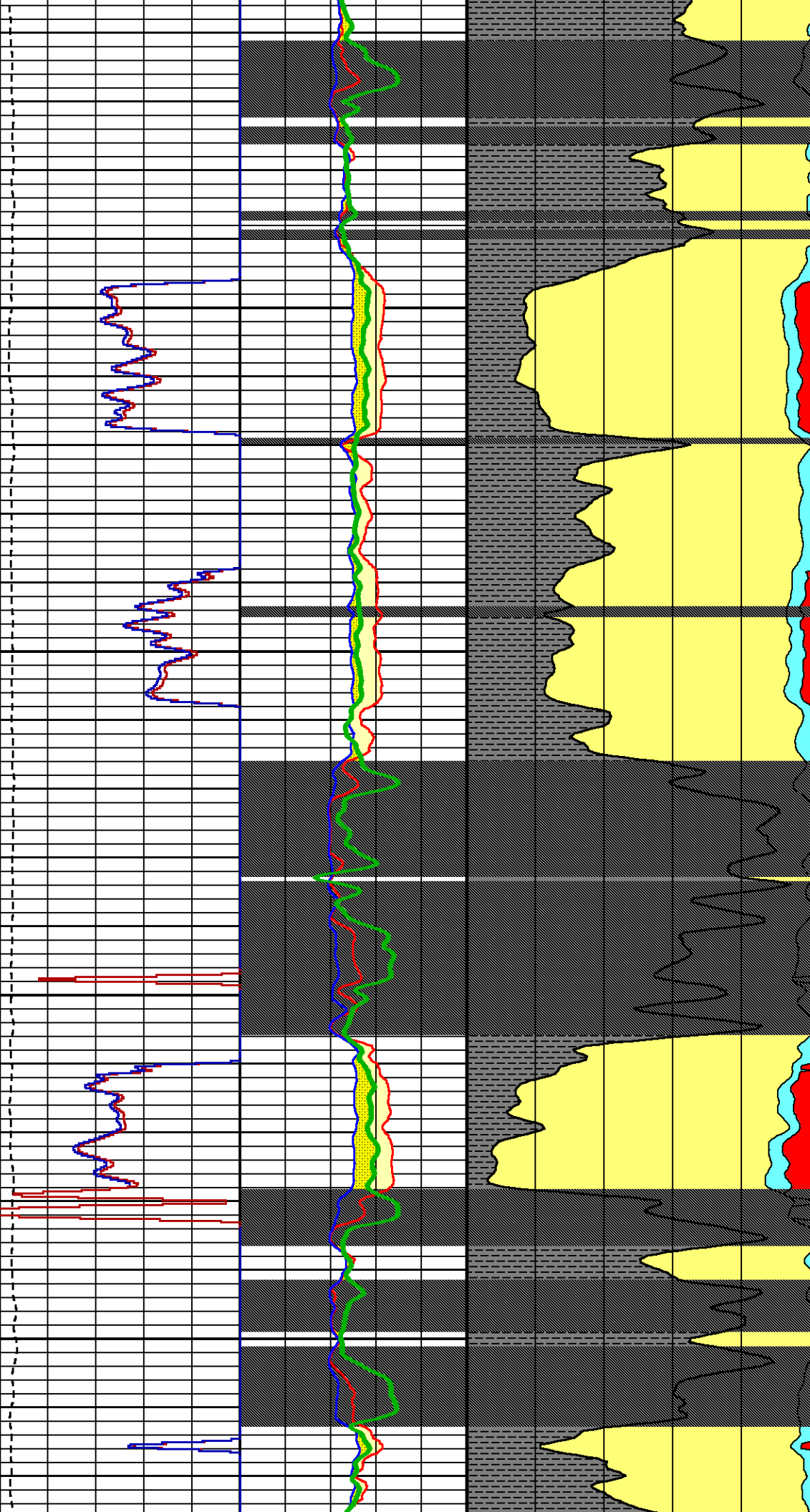






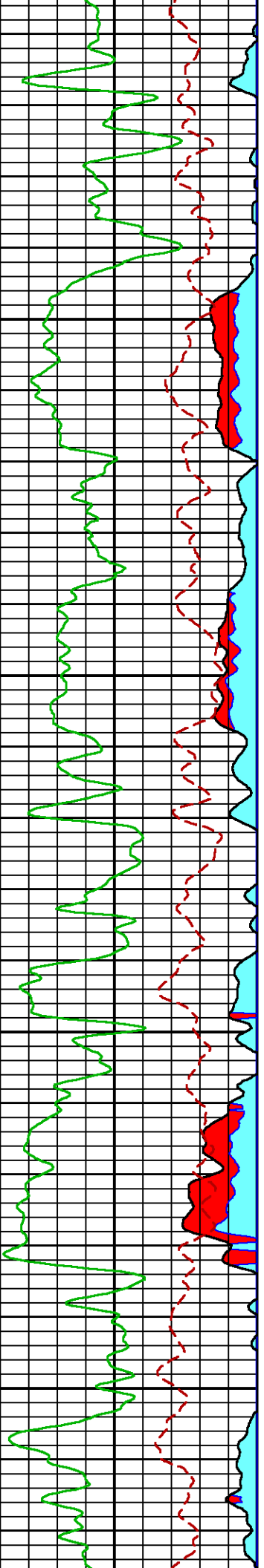


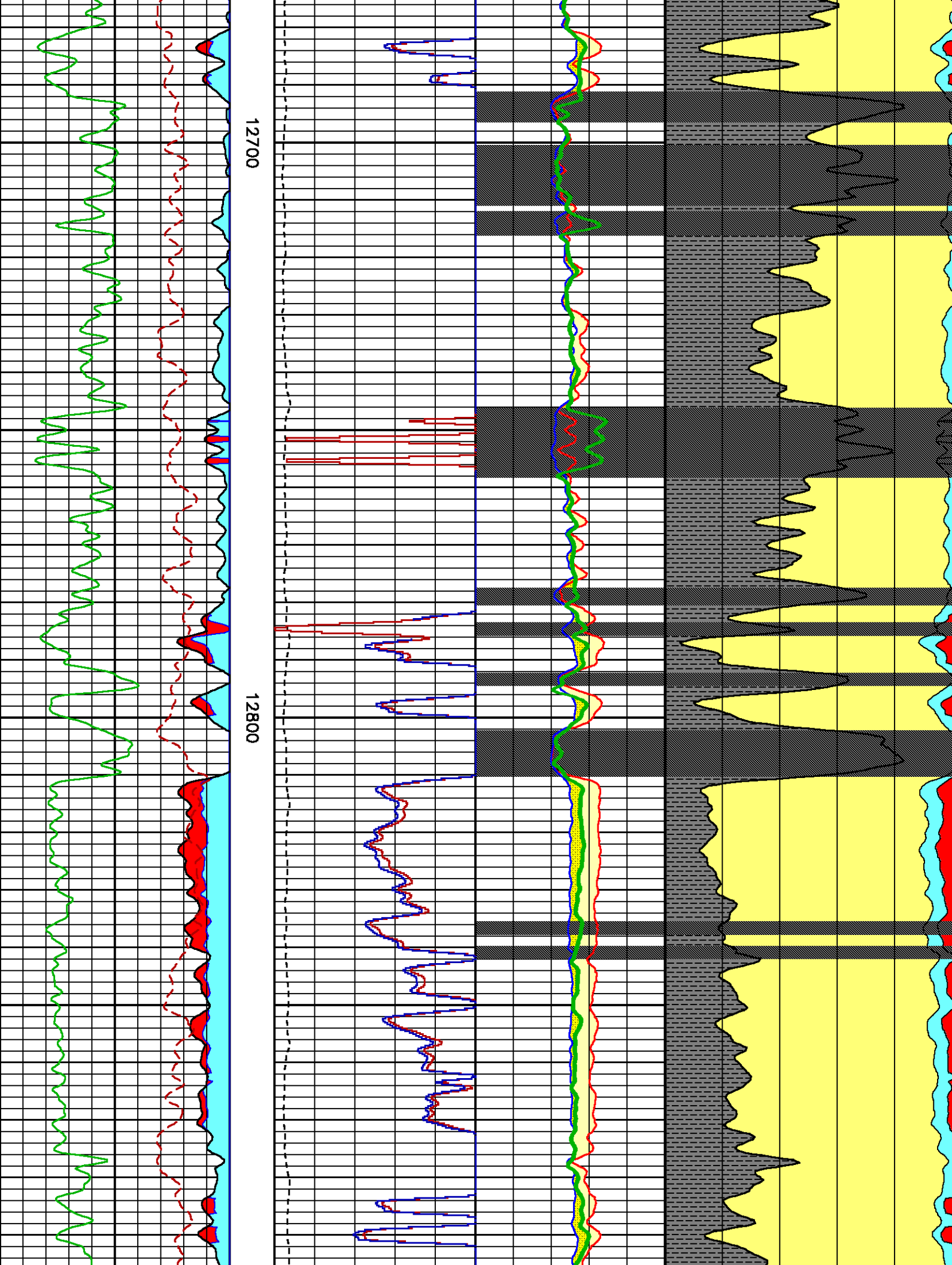


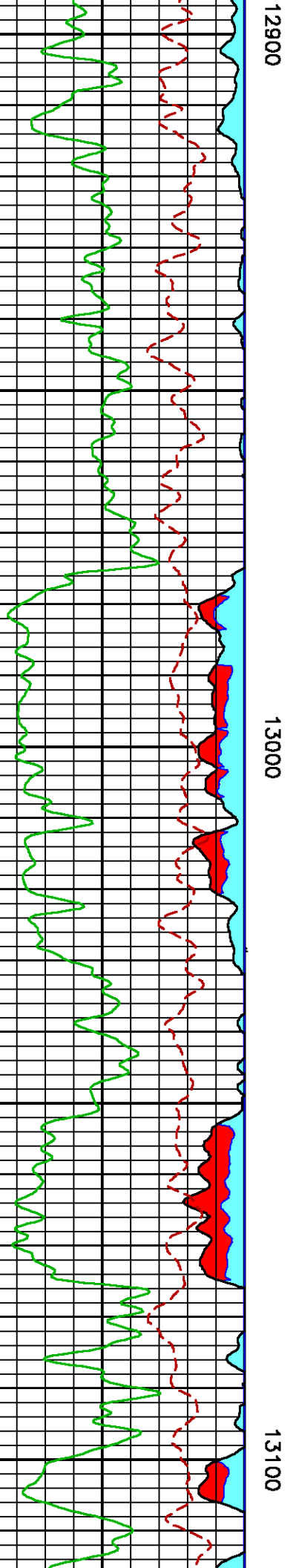
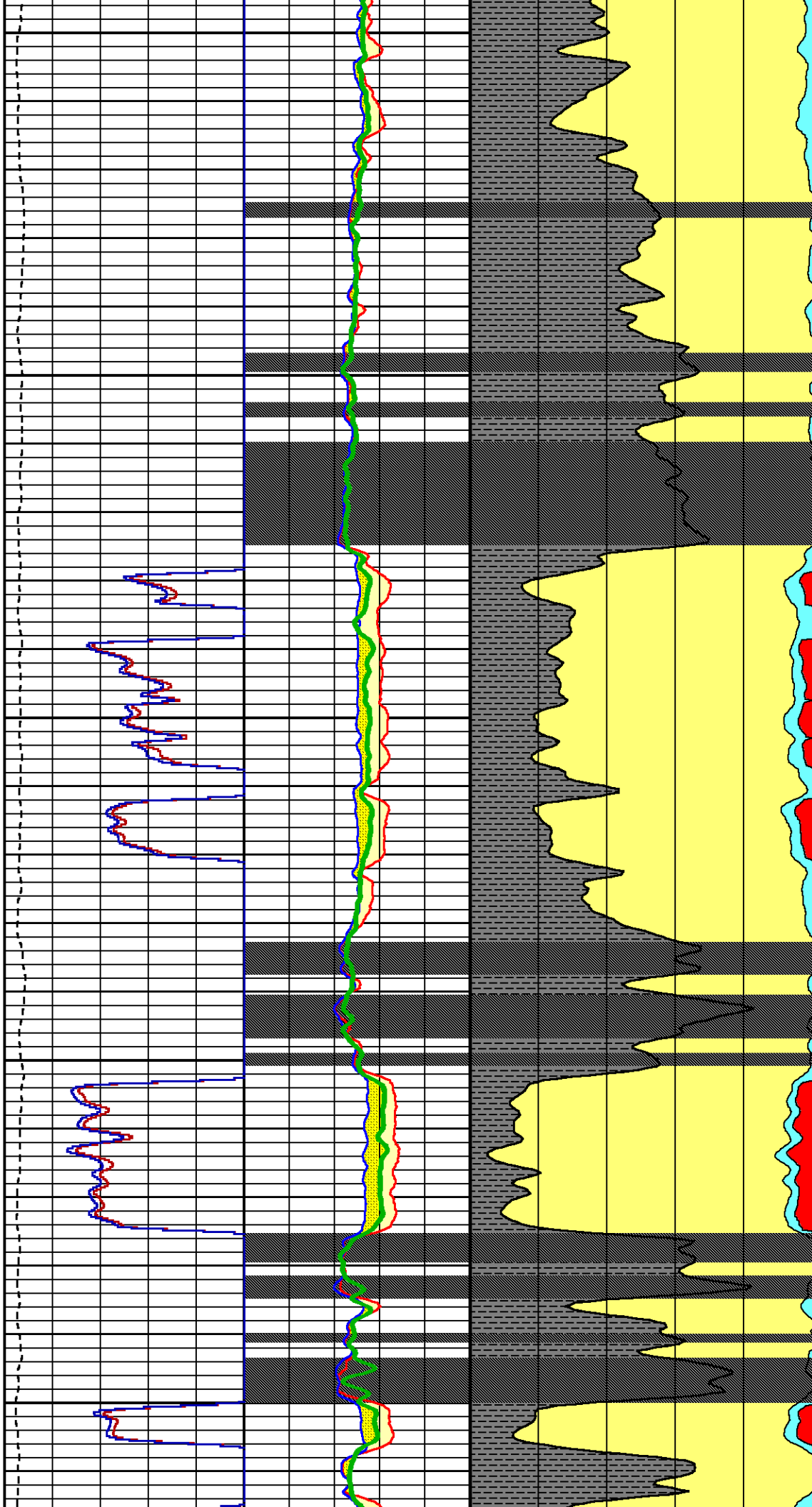


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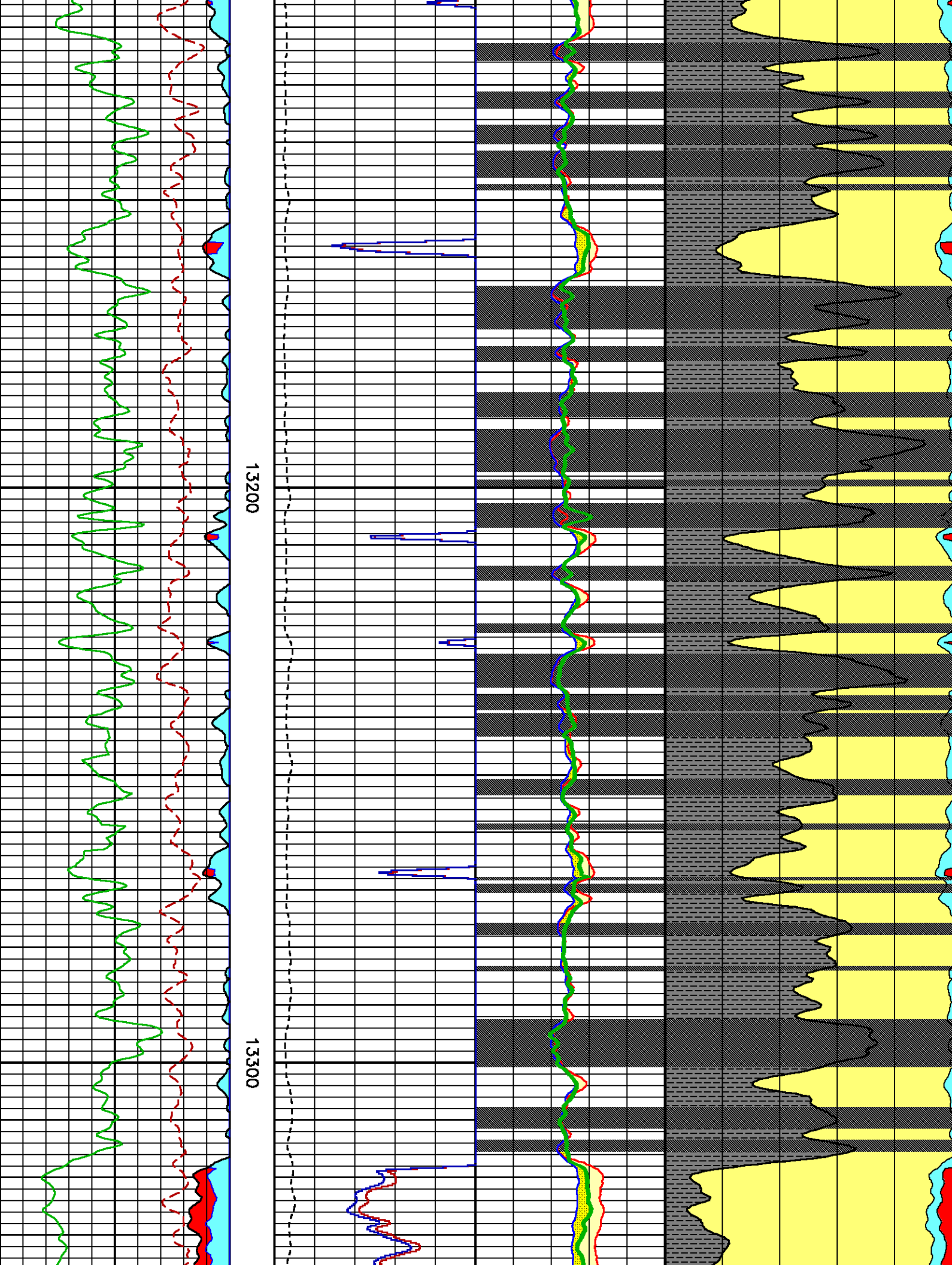
12600

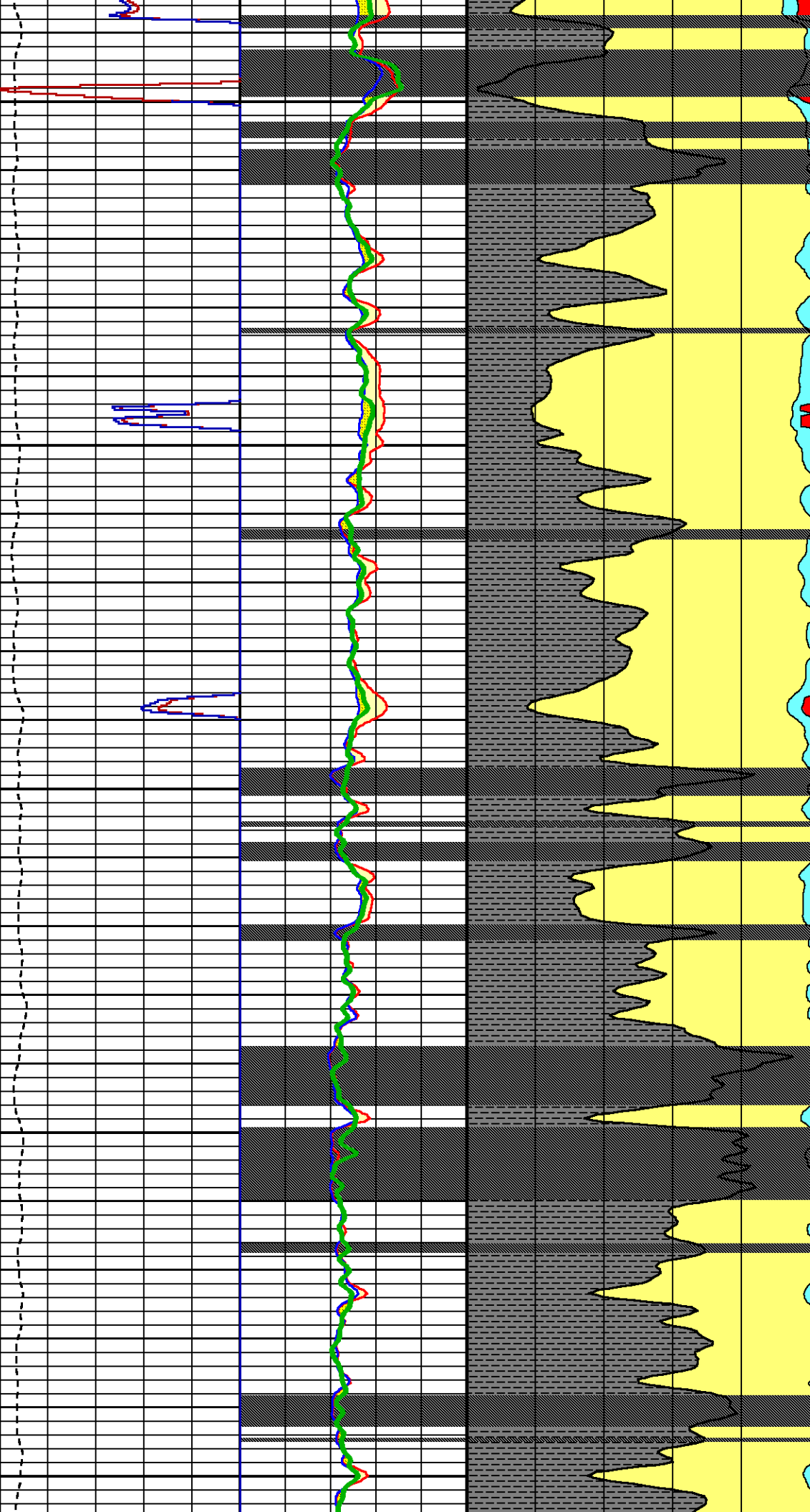






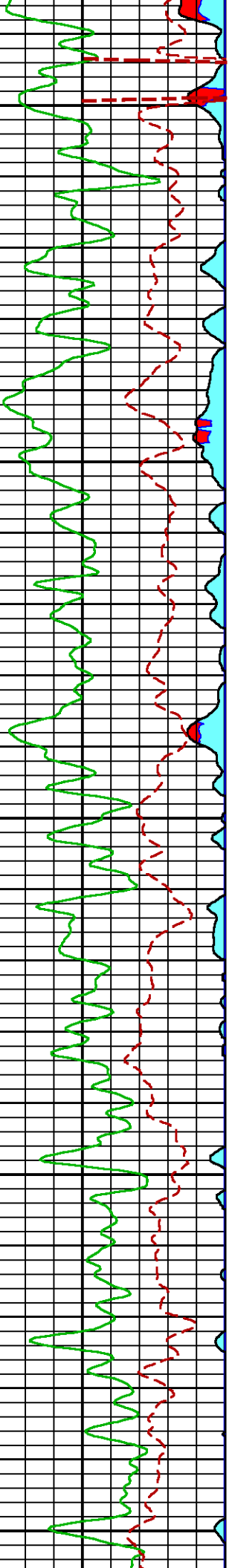




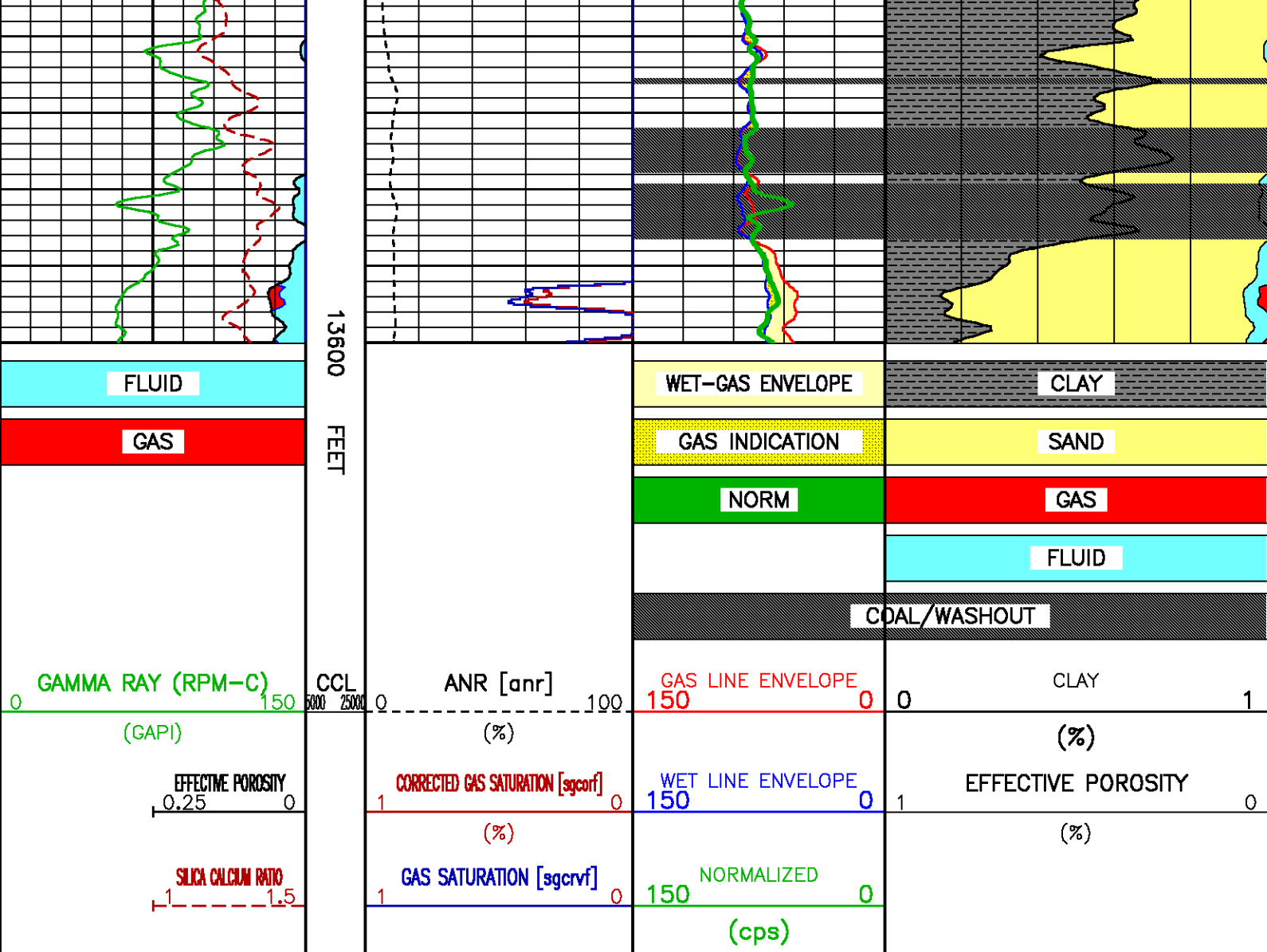


13400

13500







<p><b>BAKER HUGHES</b></p> <p>Pulsed Neutron Formation Evaluation</p>	<b>COMPANY</b> <u>EXXONMOBIL PRODUCTION COMPANY</u> <b>WELL</b> <u>PCU 296-5A9</u> <b>FIELD</b> <u>PICEANCE CREEK</u> <b>COUNTY</b> <u>RIO BLANCO</u> <b>STATE</b> <u>COLORADO</u>	<b>FILE NO:</b> <u>4028</u> <b>API NO:</b> <u>05-103-11241-0000</u>	
	<b>LOCATION:</b> SHL: 736' FNL & 528' FWL	<b>ELEVATIONS:</b> KB 7339.2 FT DF 7338.2 FT GL 7309 FT	<b>FS0:</b> 575376 GRAND JUNCTION T.KAUTT
	<b>SEC</b> <u>5</u> <b>TWP</b> <u>2S</u> <b>RGE</b> <u>96W</u>	<b>DATE</b> <u>28-JUL-2011</u>	