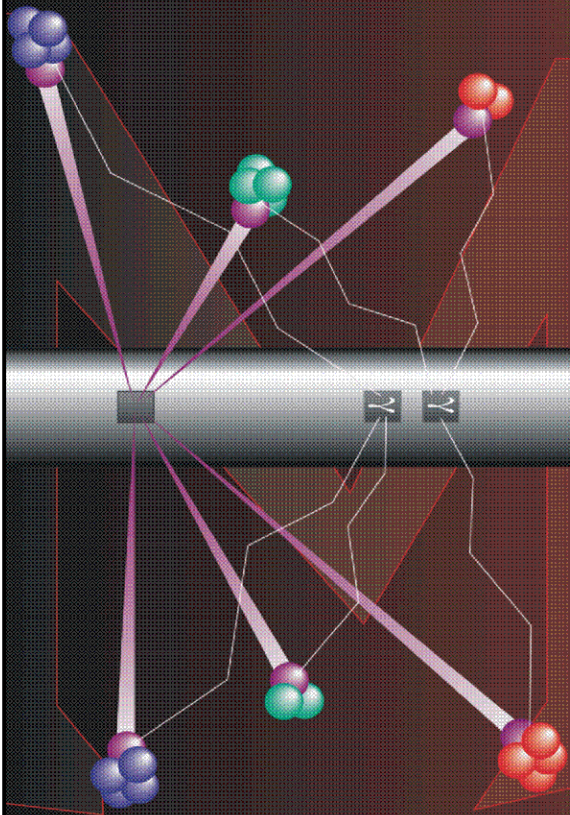




Pulsed Neutron Formation Evaluation



RESERVOIR PERFORMANCE MONITOR GASVIEW SATURATION ANALYSIS

COMPANY EXXONMOBIL PRODUCTION COMPANY

WELL PCU 296-5A4

FIELD PICEANCE CREEK

COUNTY RIO BLANCO STATE COLORADO

LOCATION: SHL: 734' FNL & 554' FNL

SEC 5 TWP 2S RGE 96W

ELEVATIONS:

KB 7339.2 FT DF 7338.2 FT GL 7309 FT

DATE 01-AUG-2011 ECC 4030

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>01-AUG-2011</u>
FIELD DATA	LOCATION: <u>GRAND JUNCTION</u>		ENGINEER: <u>T.KAUTT/575379</u>	DATE: <u>22-JUL-2011</u>
FROM	TO			
<u>9912 FT</u>	<u>13560 FT</u>			

REMARKS

ISS CUTOFF VALUE FOR COAL/WASHOUT IS 750000
POROSITY CUTOFF VALUE FOR GAS SATURATION IS 5 PU

GASVIEW LOG PROCESSED IN THREE ZONES:

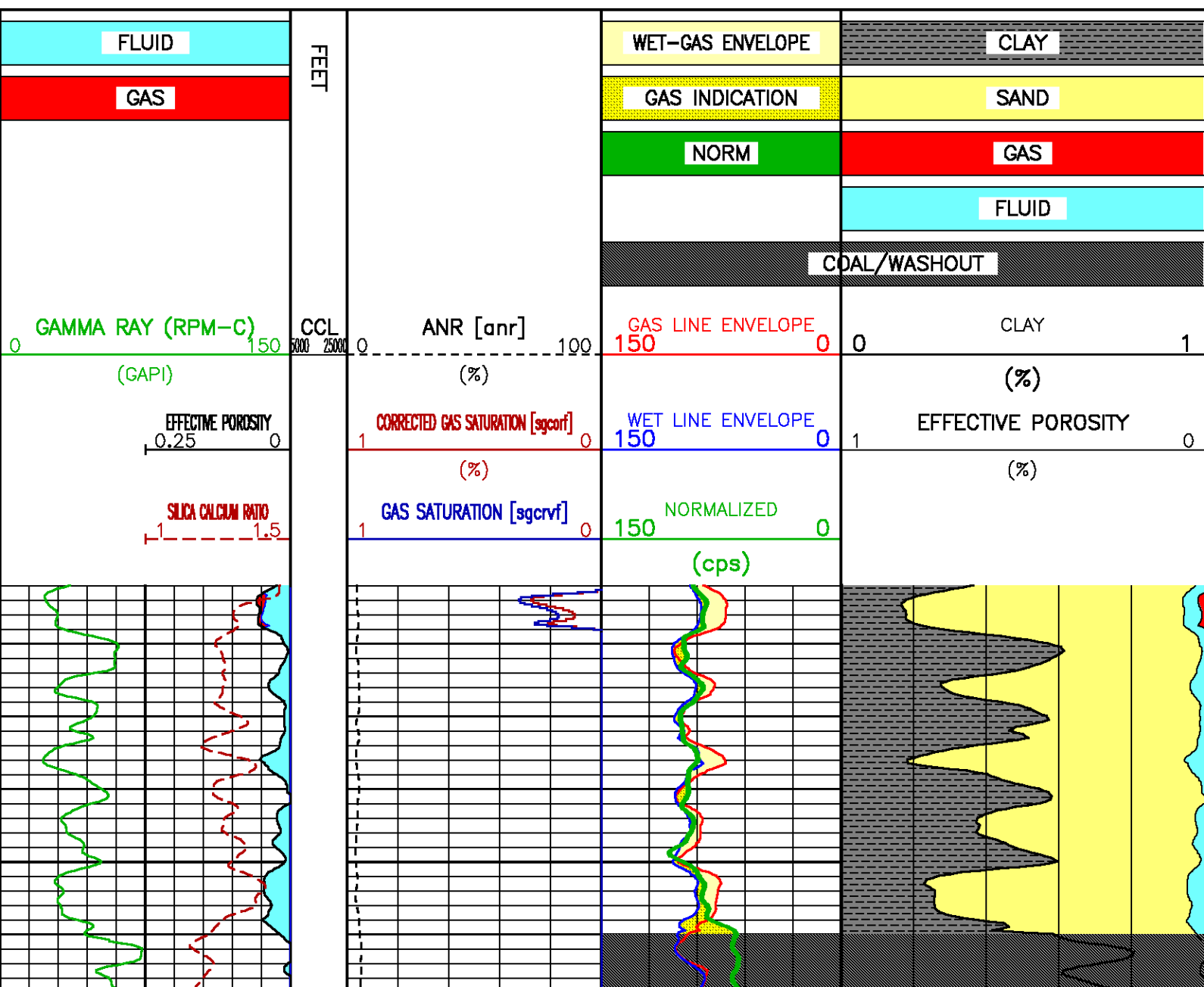
ZONE 1: 9912-9960 FT
ZONE 2: 9960-12709 FT
ZONE 3: 12709-13560 FT

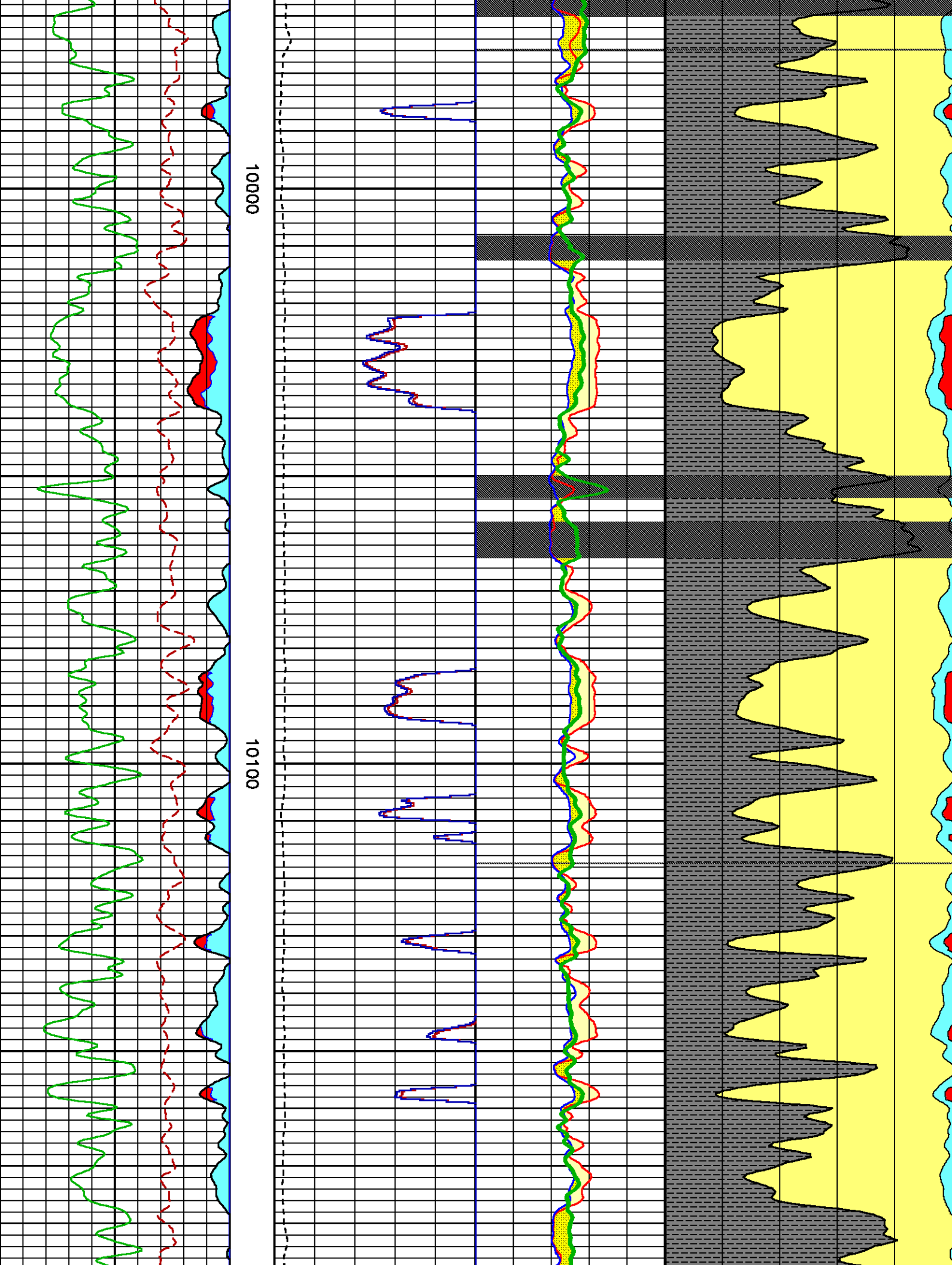
SGCORF = GAS SATURATION WITH GAS CUT CEMENT CORRECTION APPLIED
SGCRVF = GAS SATURATION WITHOUT GAS CUT CEMENT CORRECTION APPLIED

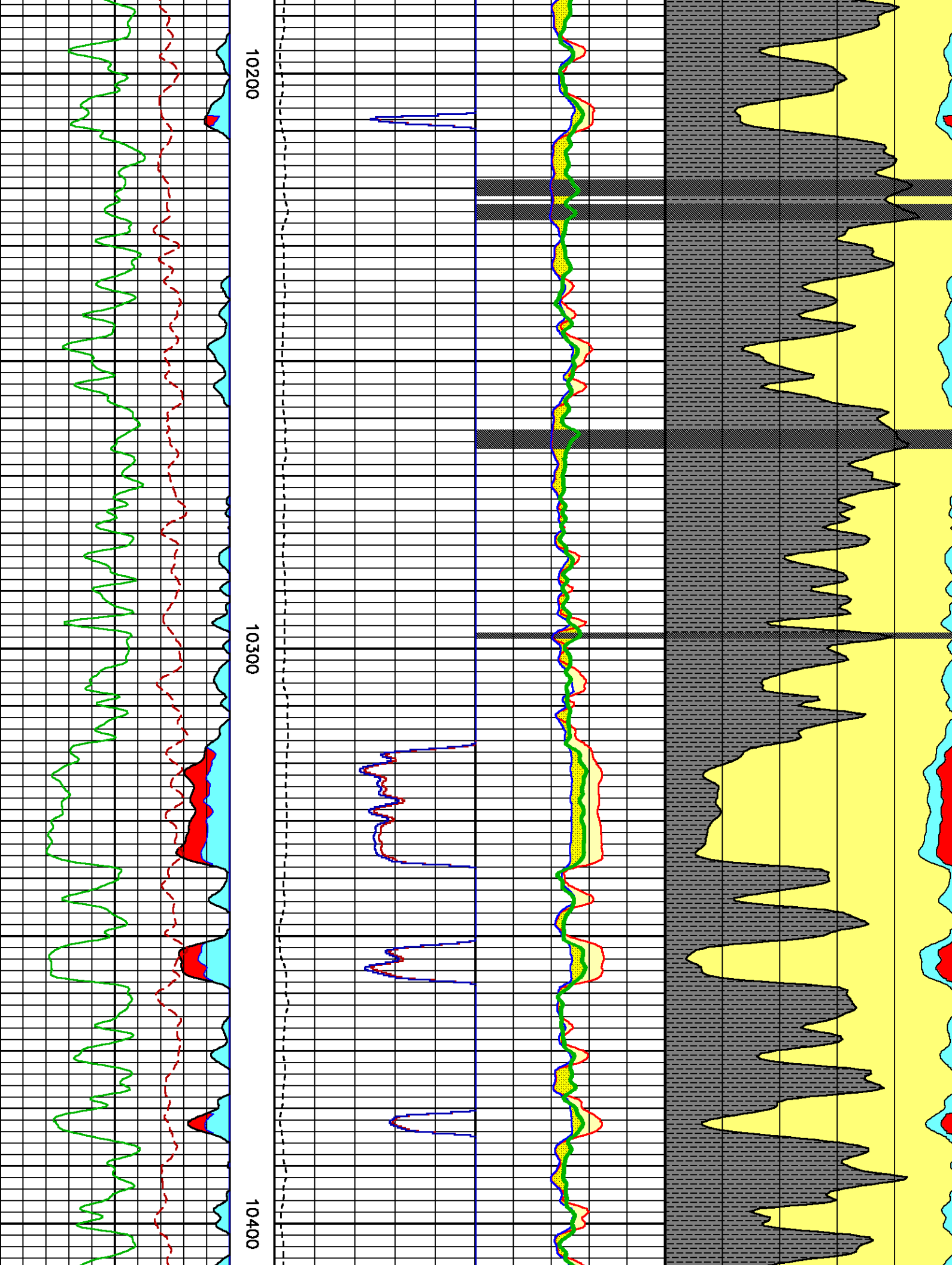
BAKER ATLAS PRELIMINARY GASVIEW SATURATION ANALYSIS

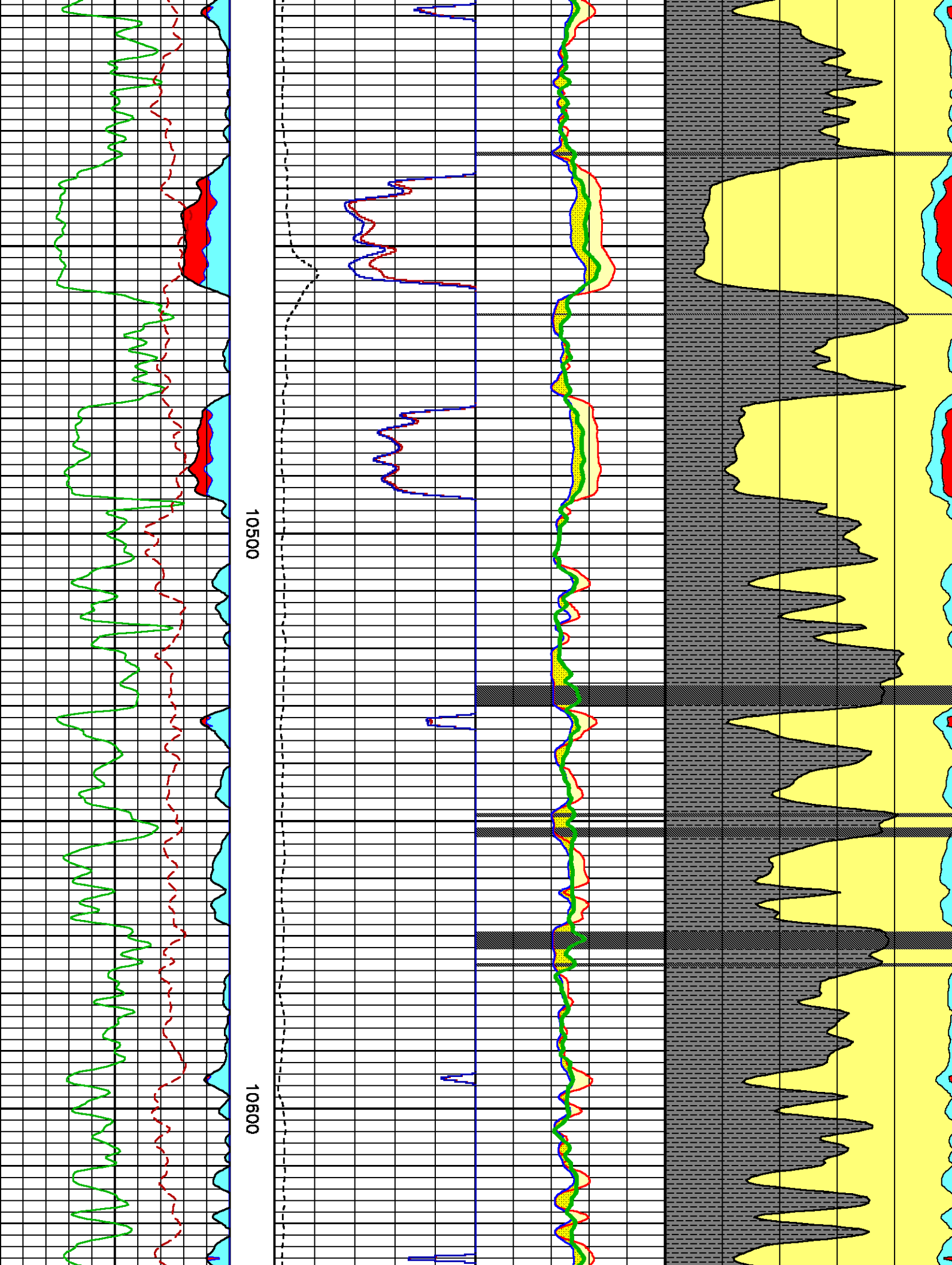
Project : /export/home/starmela/4030_EXXON_PCU_296-5A4
 User : starmela
 Presentation : densrv01:/export/home/starmela/4030_EXXON_PCU_296-5A4/pncgas_8_5_new_EXXON_BOND.pdf [5"/100' Scale]
 Plot Interval : 9912 - 13560 Feet

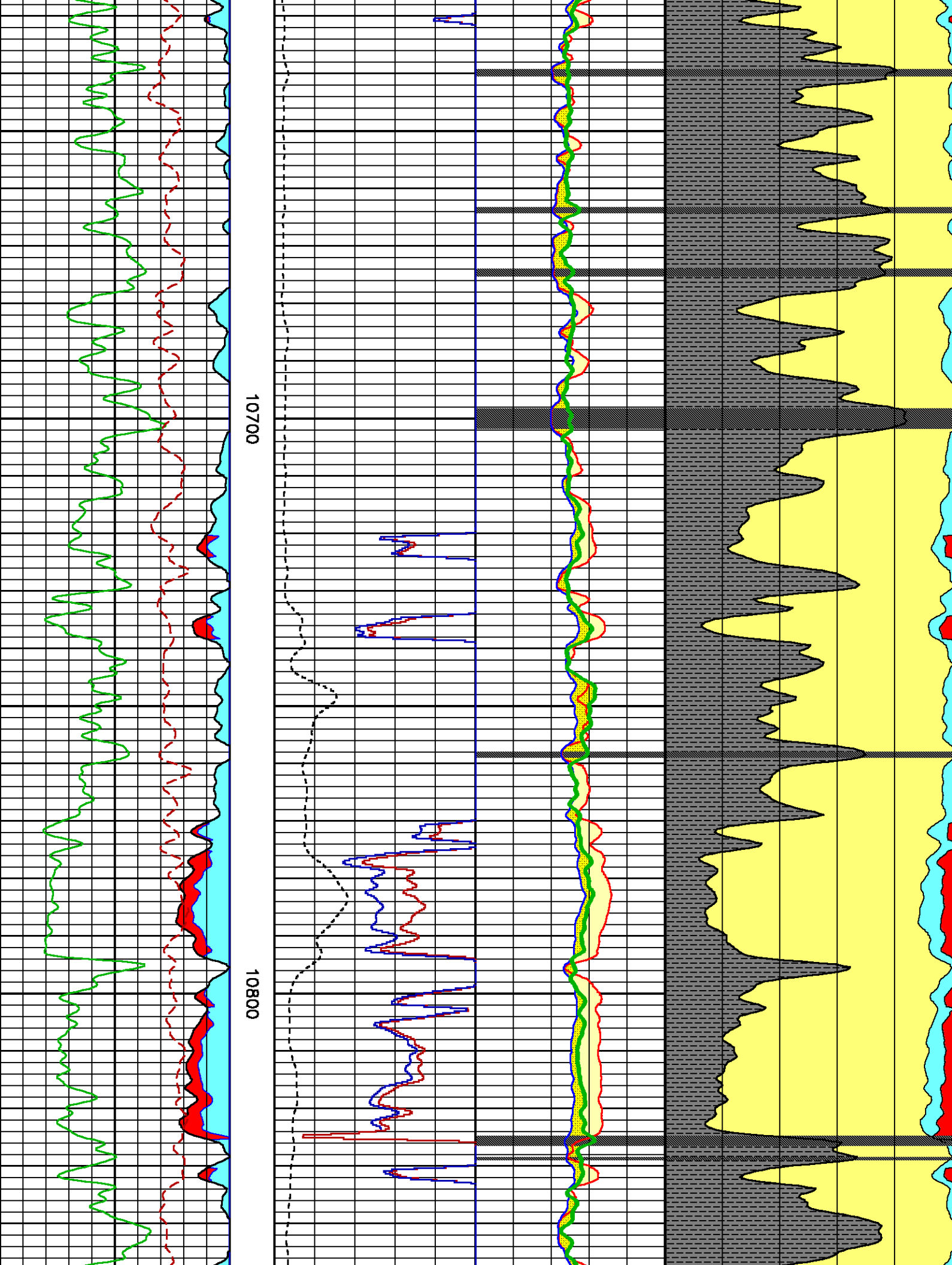
Data File 1 : F1 : densrv01:/export/home/starmela/4030_EXXON_PCU_296-5A4/MAIN_COR.xtf
 Created On : Jul 22 19:22:19 2011
 Company : EXXONMOBIL PRODUCTION COMPANY
 Well : PCU 296-5A4
 Field : PICEANCE CREEK
 File Interval : 9900 - 13600 Feet
 Oct : NA

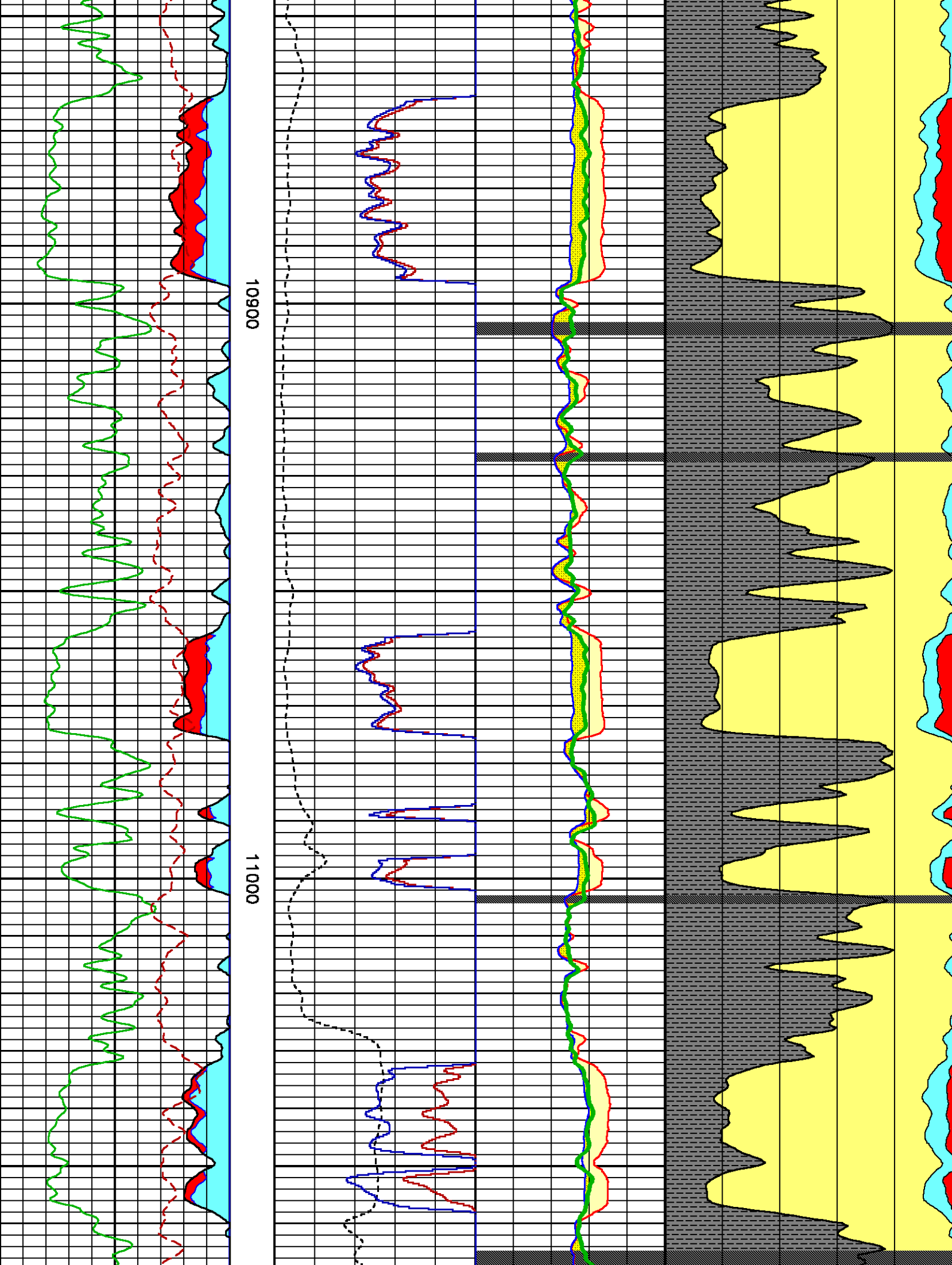


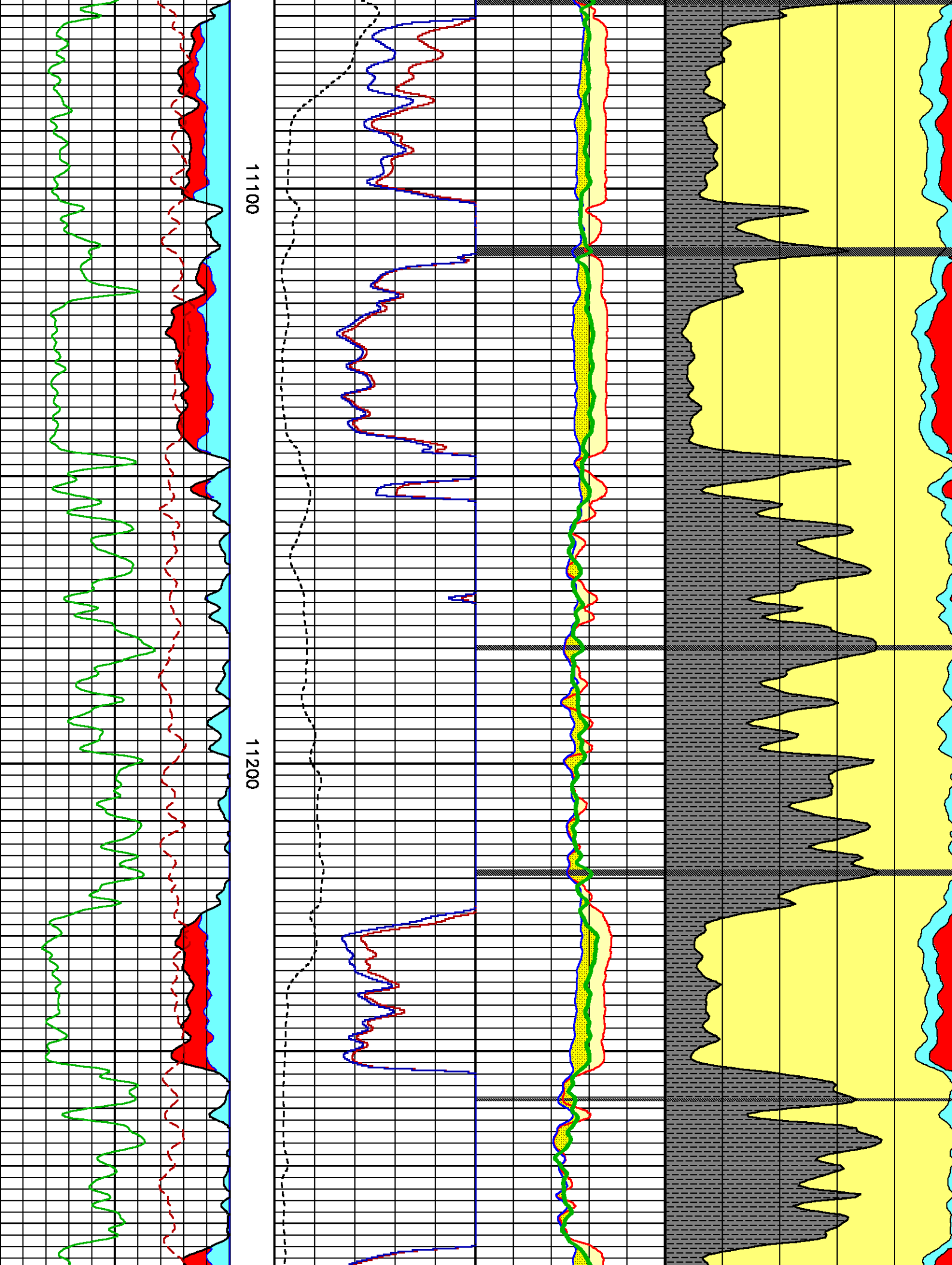


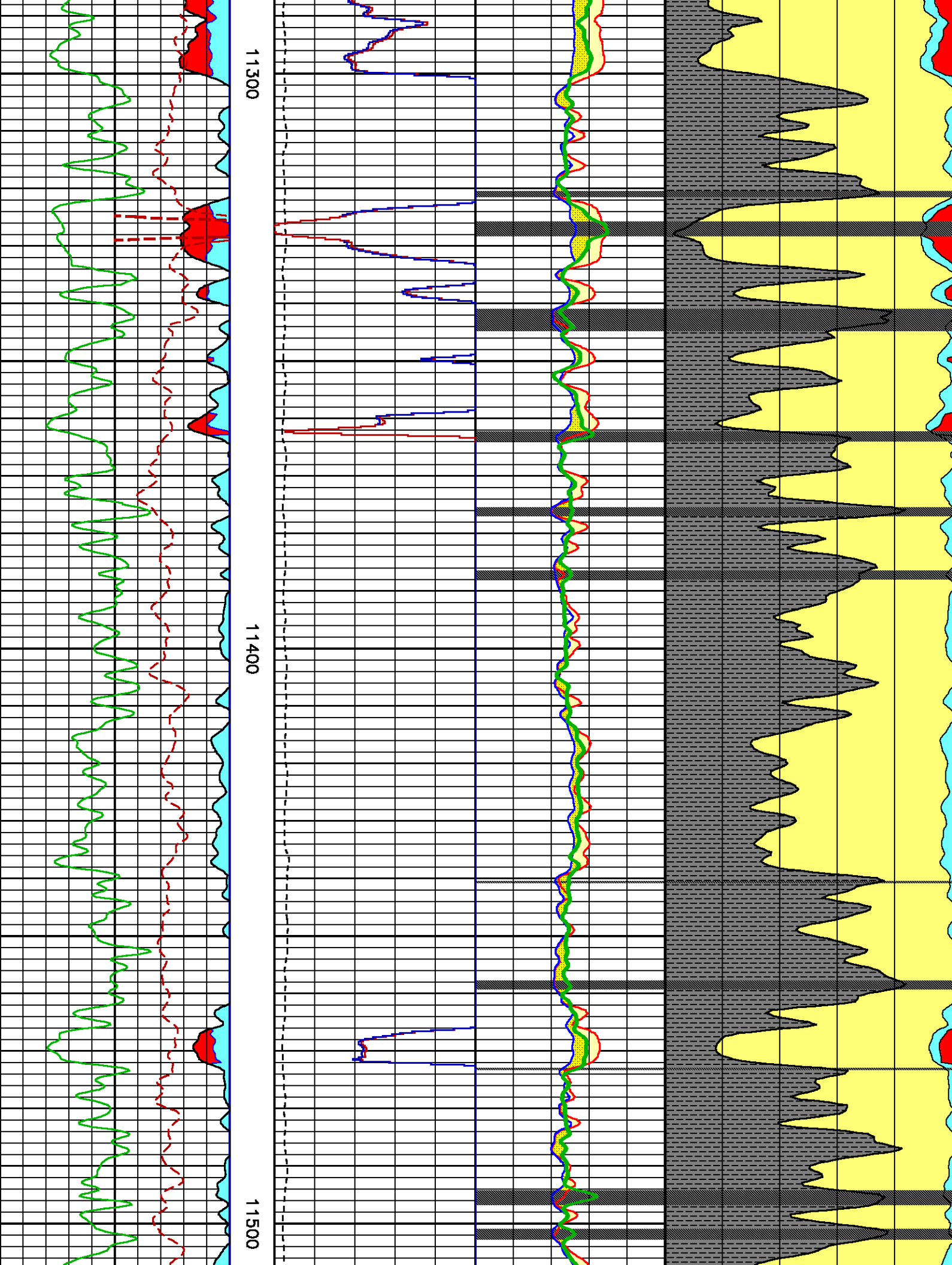


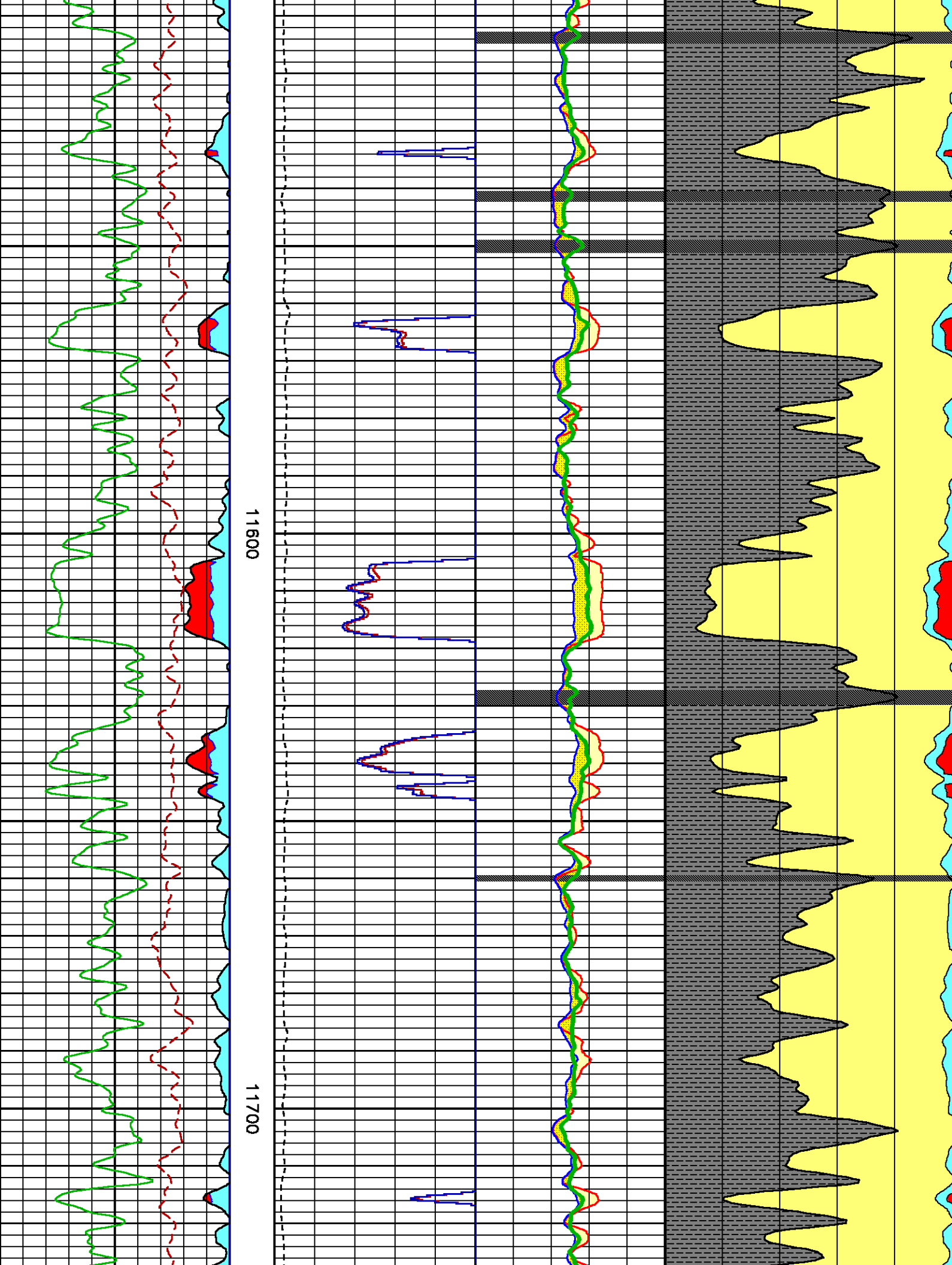


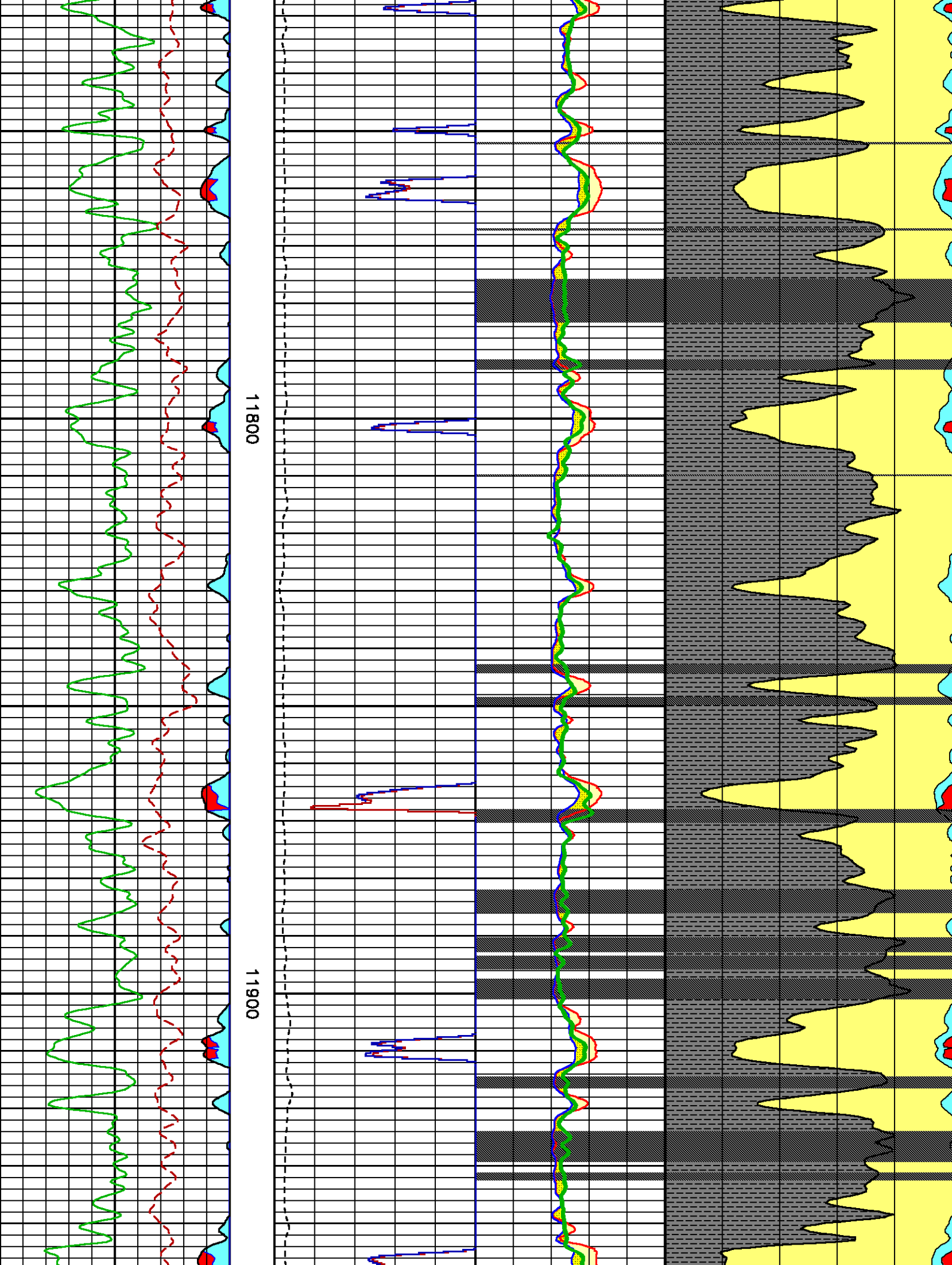


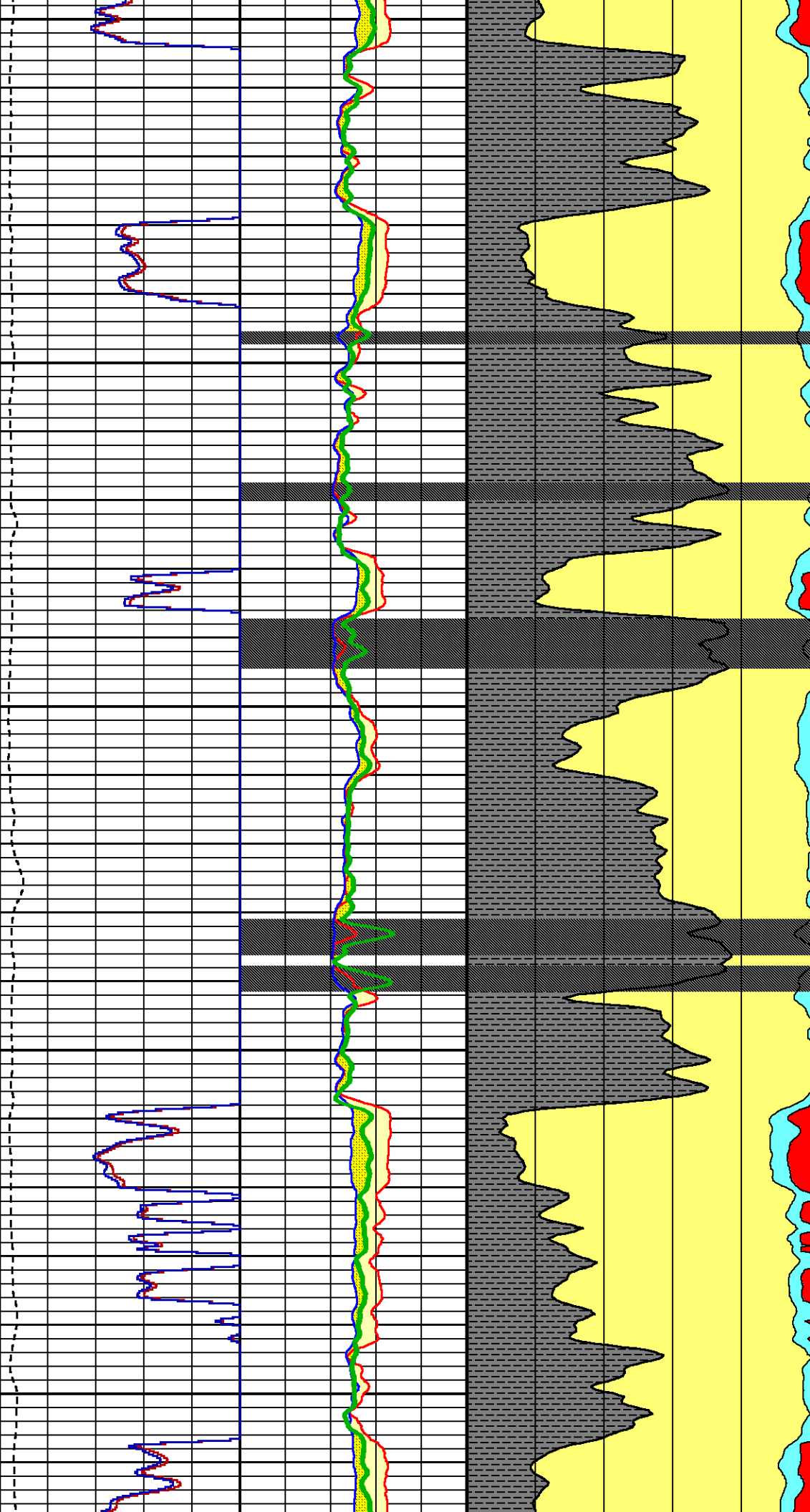






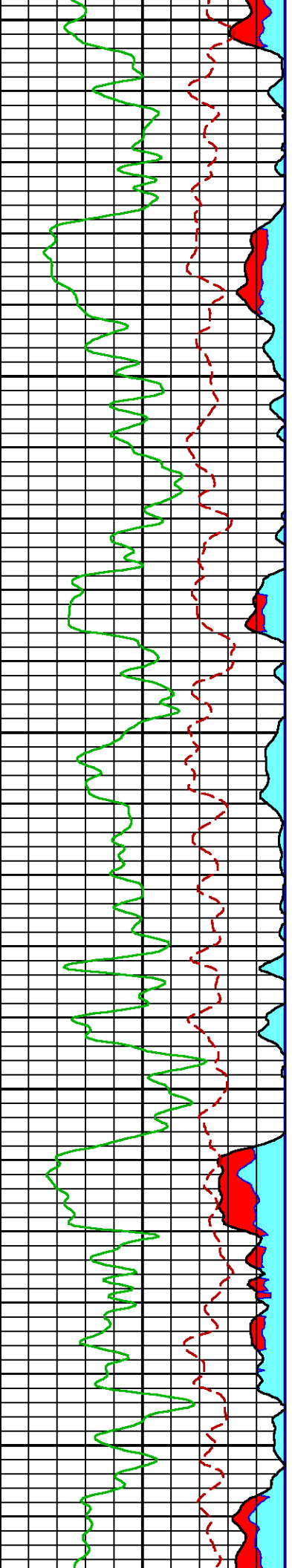


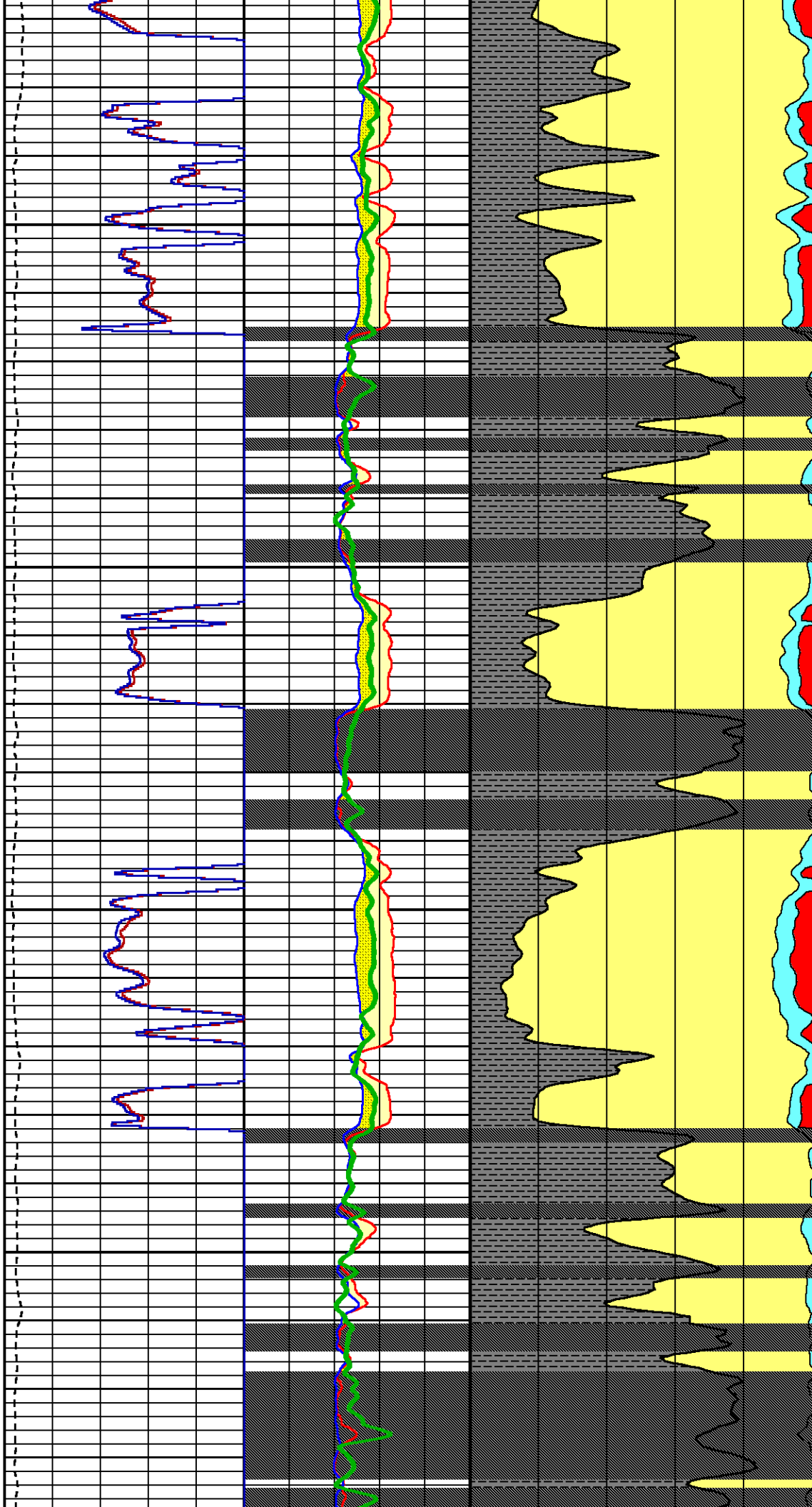




12000

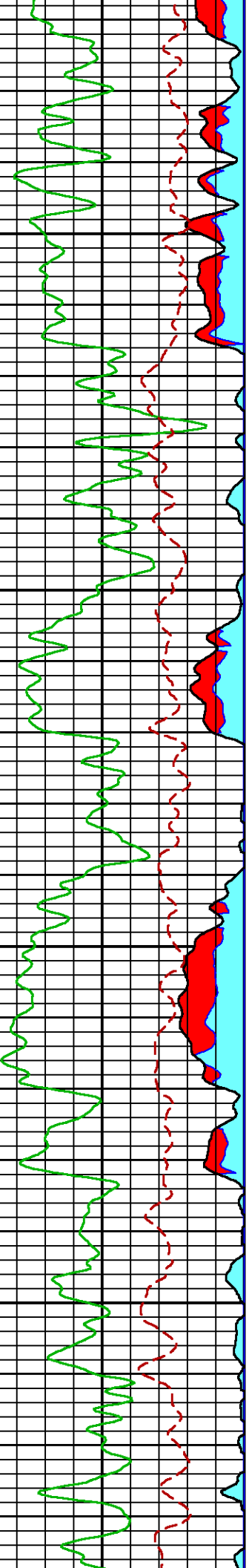
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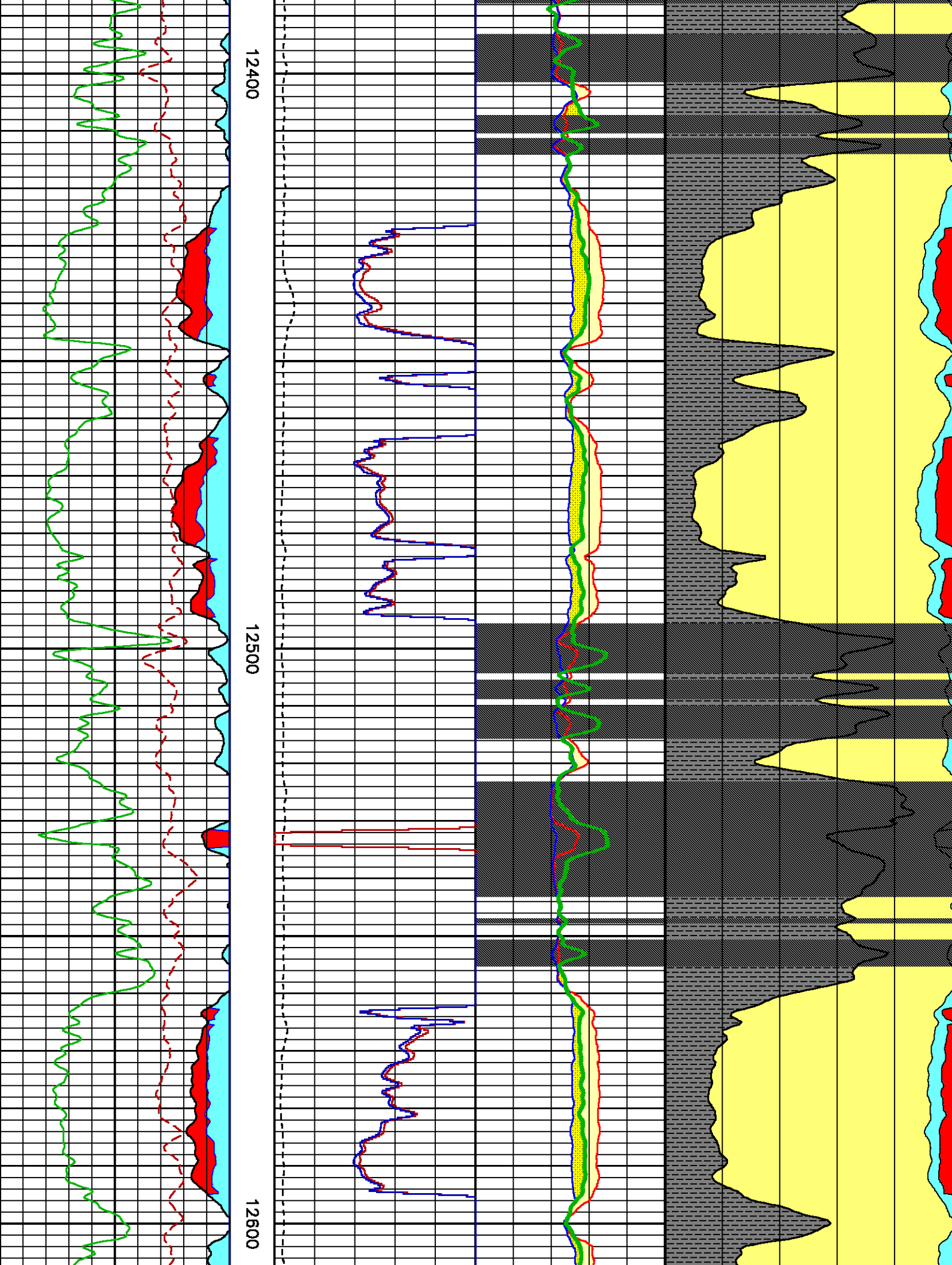


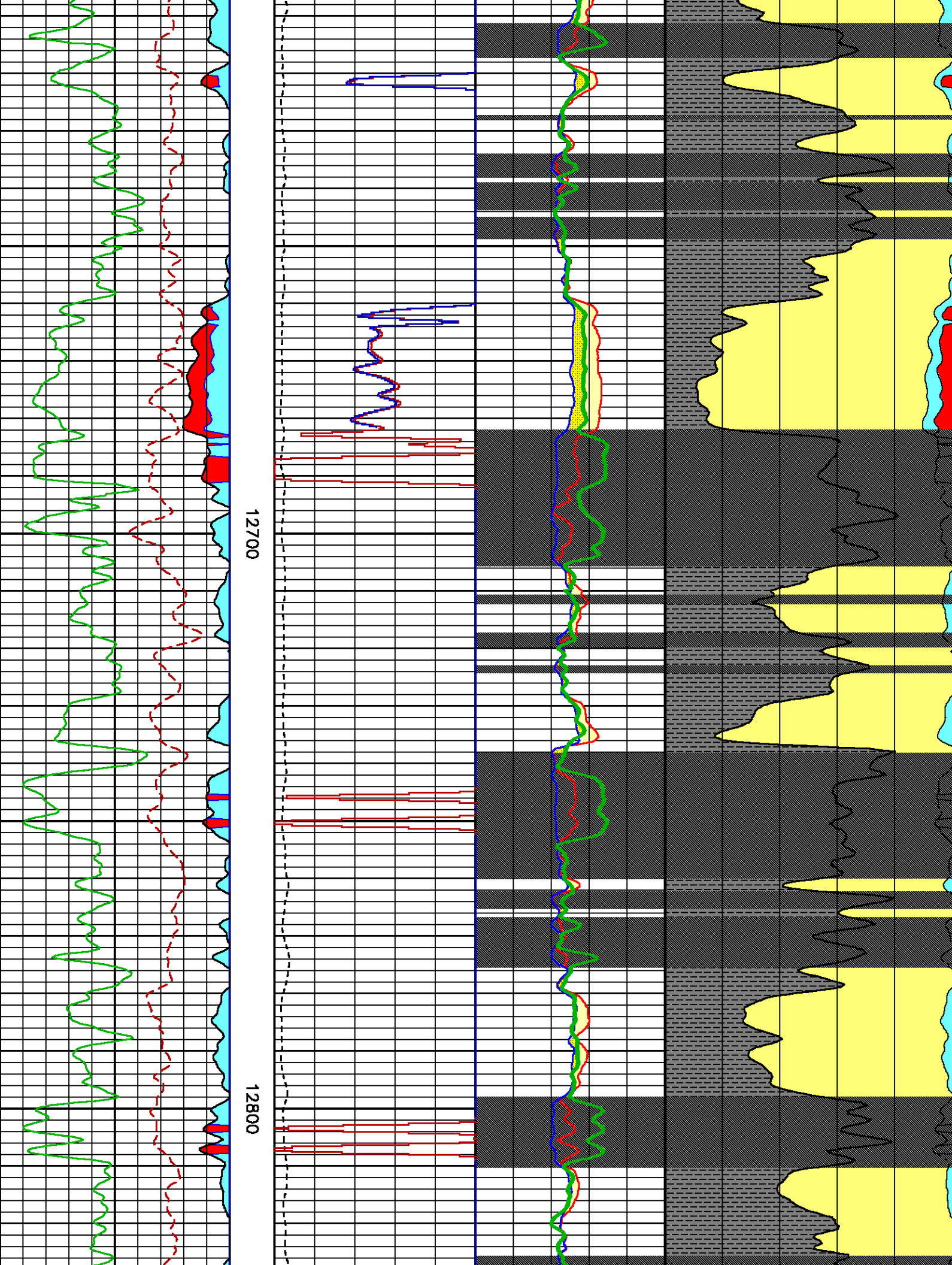


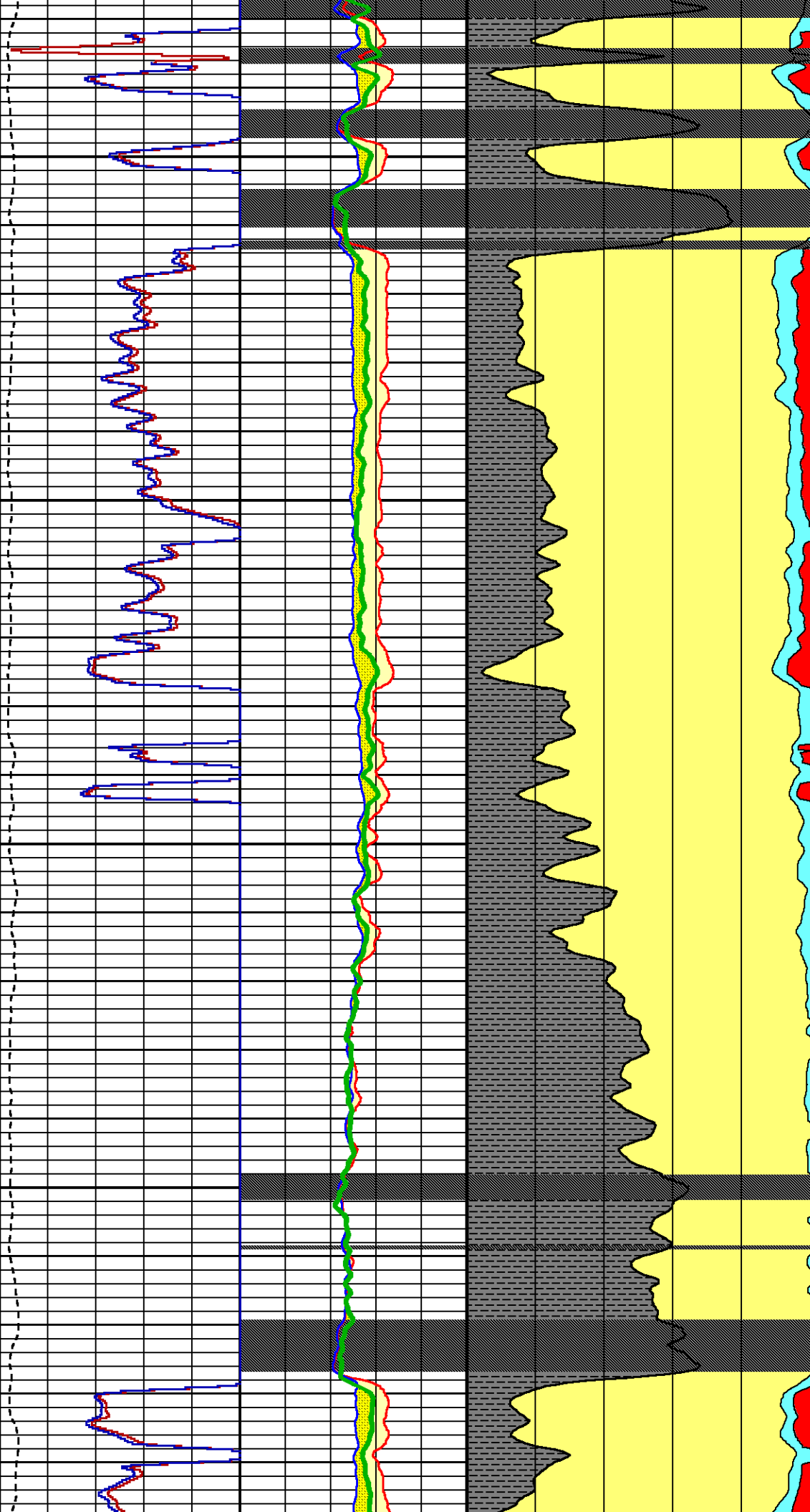
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12300



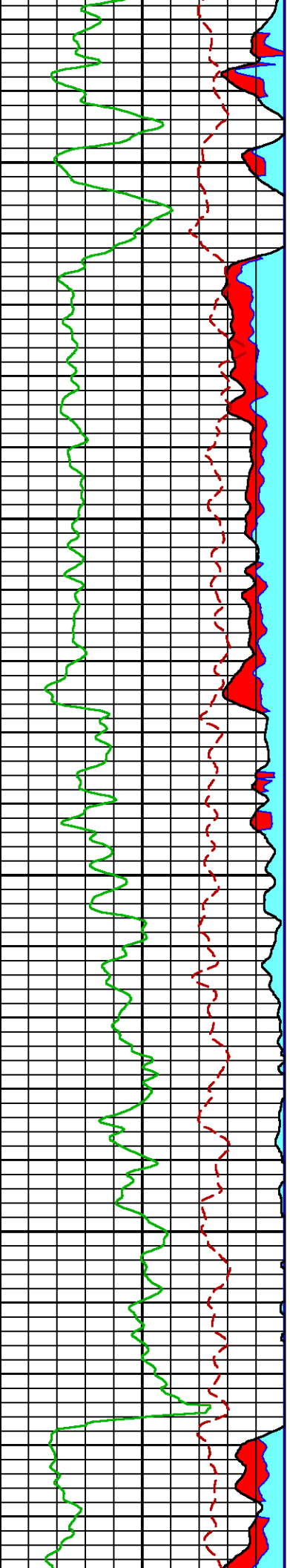


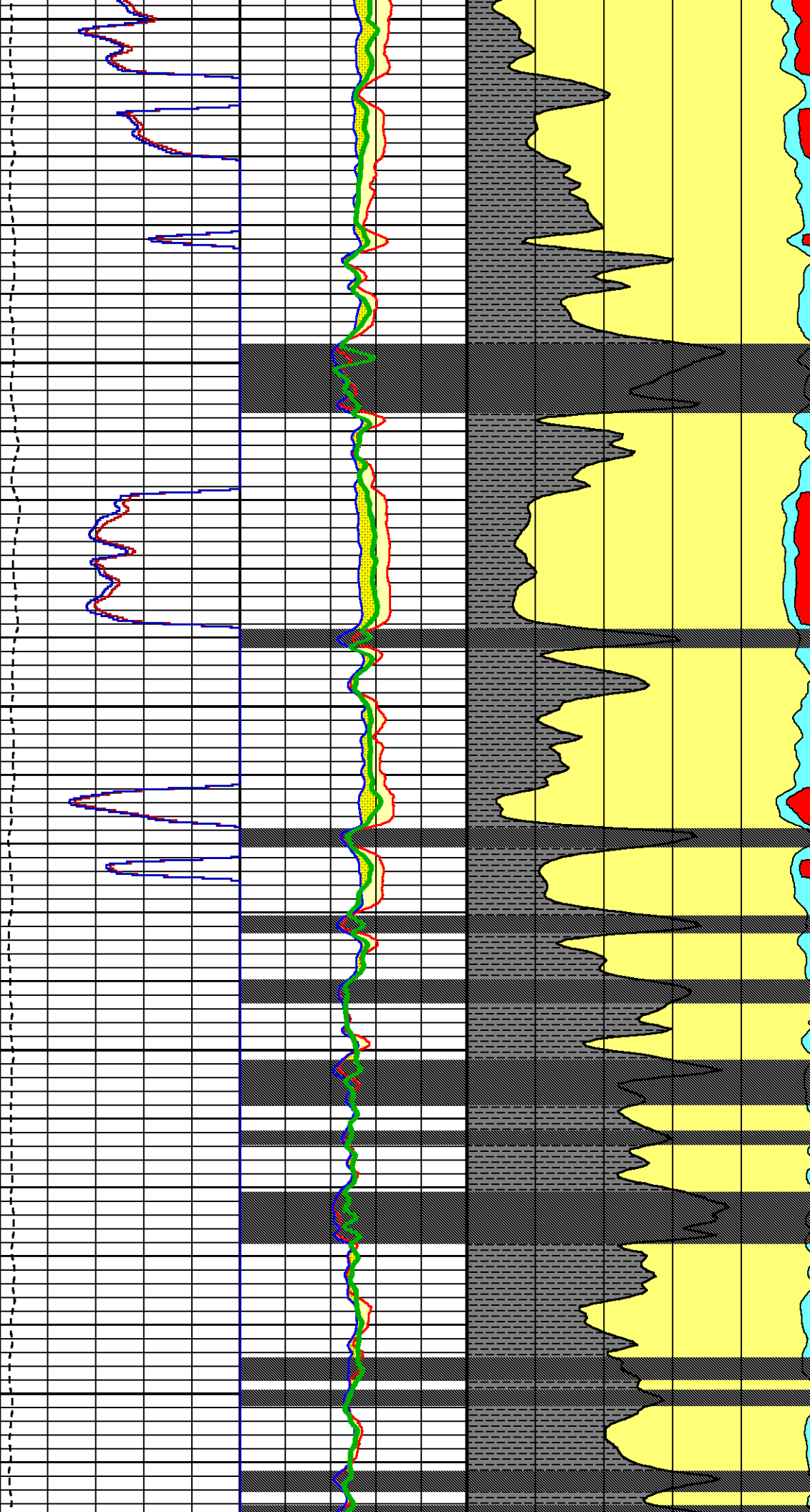




12900

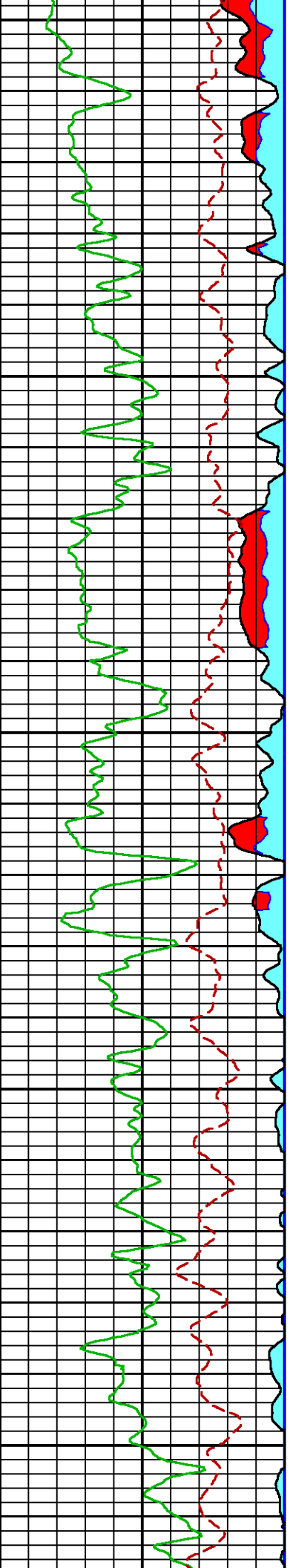
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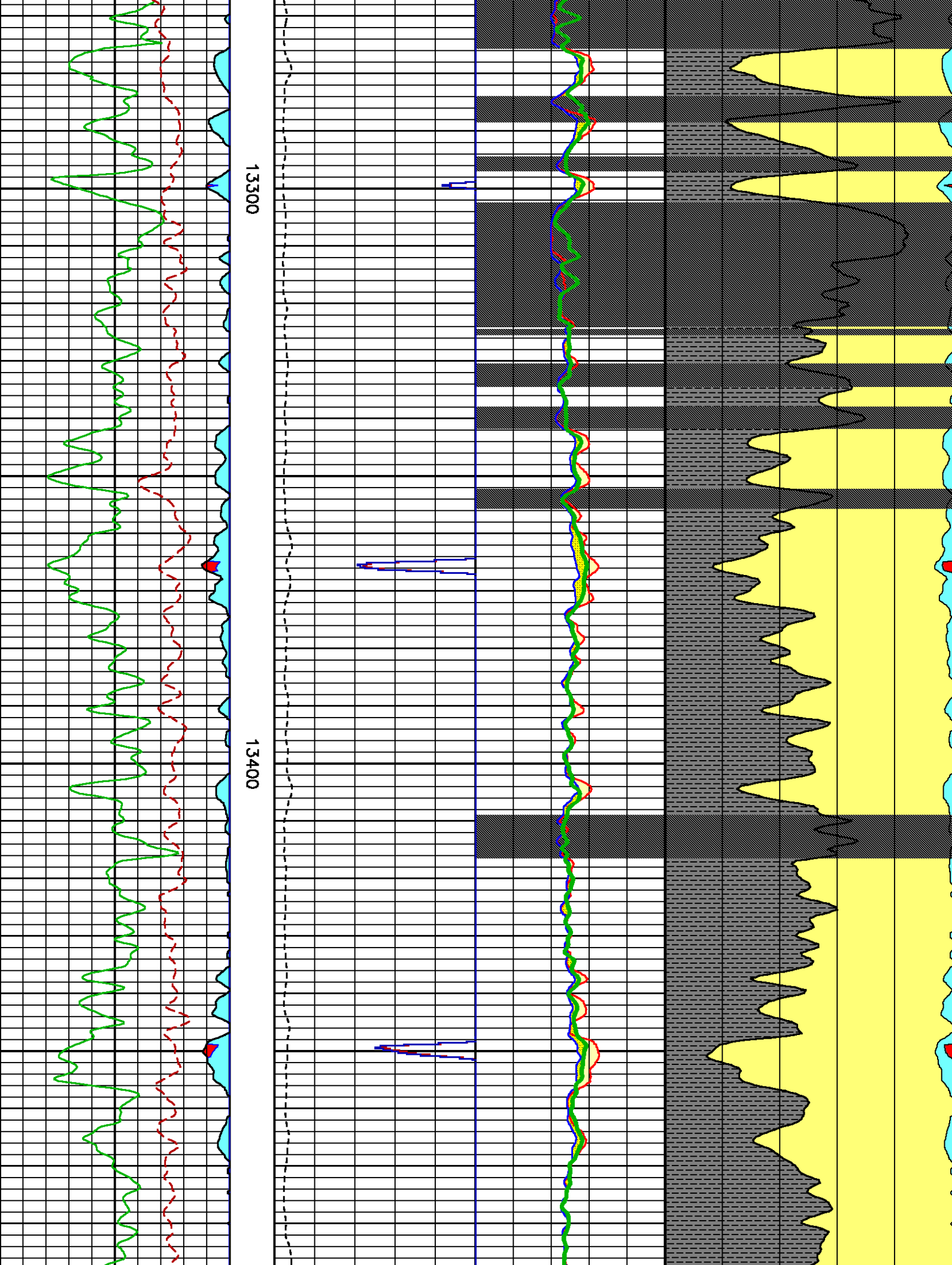


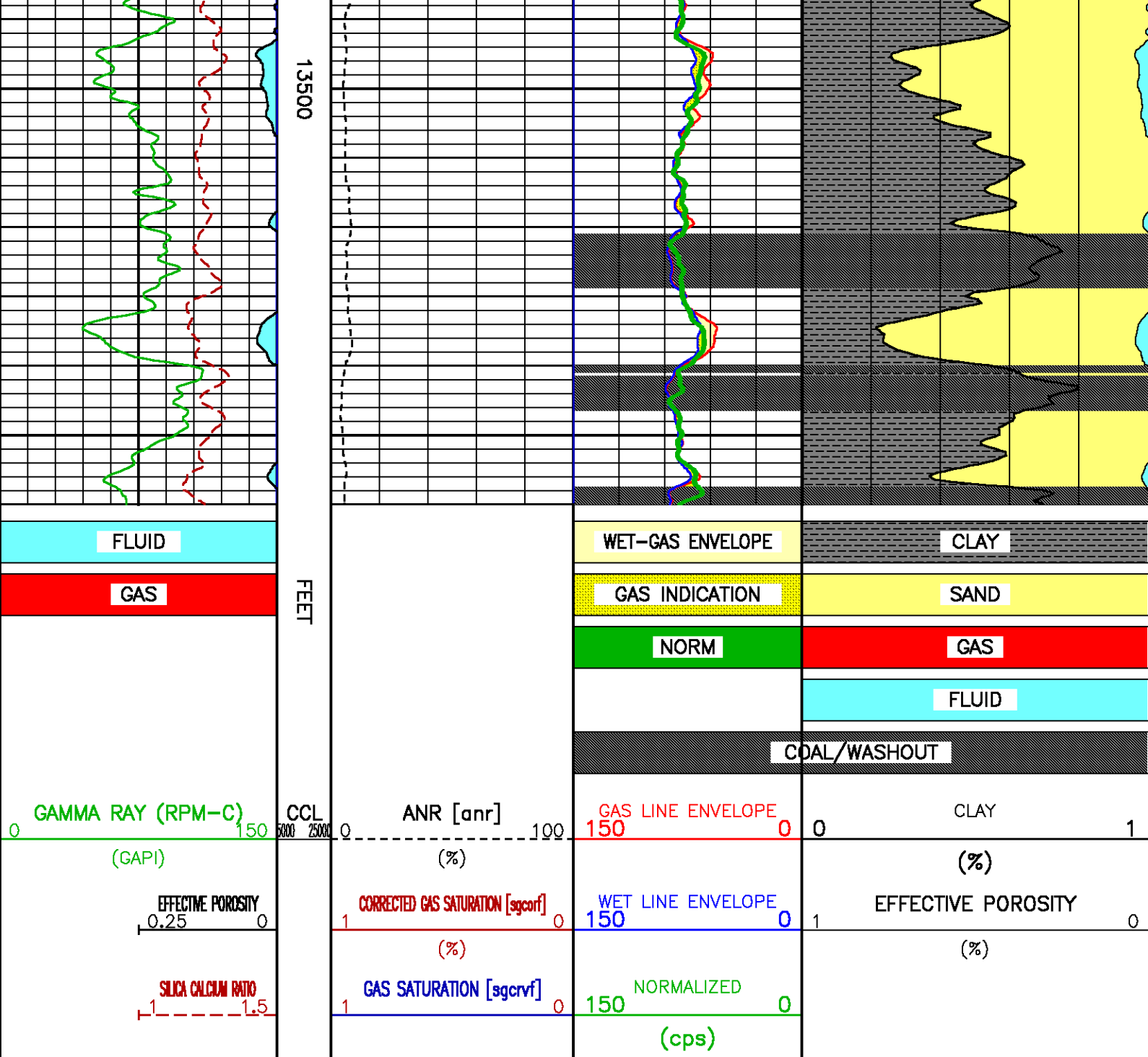


13100

13200







 BAKER HUGHES 	COMPANY <u>EXXONMOBIL PRODUCTION COMPANY</u> WELL <u>PCU 296-5A4</u> FIELD <u>PICEANCE CREEK</u> COUNTY <u>RIO BLANCO</u> STATE <u>COLORADO</u>	FILE NO: <u>4030</u> API NO: <u>05-103-11245-0000</u>	
	LOCATION: SHL: 734' FNL & 554' FWL	ELEVATIONS: KB 7339.2 FT DF 7338.2 FT GL 7309 FT	FSO: 575379 GRAND JUNCTION T.KAUTT
	SEC <u>5</u> TWP <u>2S</u> RGE <u>96W</u>	DATE <u>01-AUG-2011</u>	