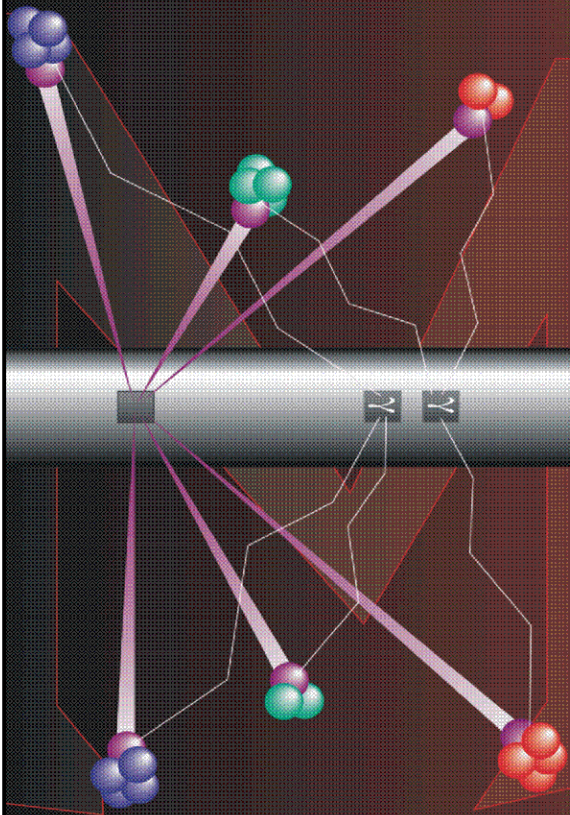




Pulsed Neutron Formation Evaluation



RESERVOIR PERFORMANCE MONITOR GASVIEW SATURATION ANALYSIS

COMPANY EXXONMOBIL PRODUCTION COMPANY

WELL PCU 296-5A6

FIELD PICEANCE CREEK

COUNTY RIO BLANCO STATE COLORADO

LOCATION: SHL: 692' FNL & 535' FNL

SEC 5 TWP 2S RGE 96W

ELEVATIONS:

KB 7339.2 FT DF 7338.2 FT GL 7309 FT

DATE 28-JUL-2011 ECC 4024

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-JUL-2011</u>
FIELD DATA	LOCATION: <u>GRAND JUNCTION</u>		ENGINEER: <u>KAUTT/575323</u>	DATE: <u>17-JUL-2011</u>
FROM	TO			
<u>10532 FT</u>	<u>13806 FT</u>			

REMARKS

ISS CUTOFF VALUE FOR COAL/WASHOUT IS 660000
POROSITY CUTOFF VALUE FOR GAS SATURATION IS 5 PU

GASVIEW LOG PROCESSED IN THREE ZONES:

ZONE 1: 10532-10560 FT
ZONE 2: 10560-13053 FT
ZONE 3: 13053-13834 FT

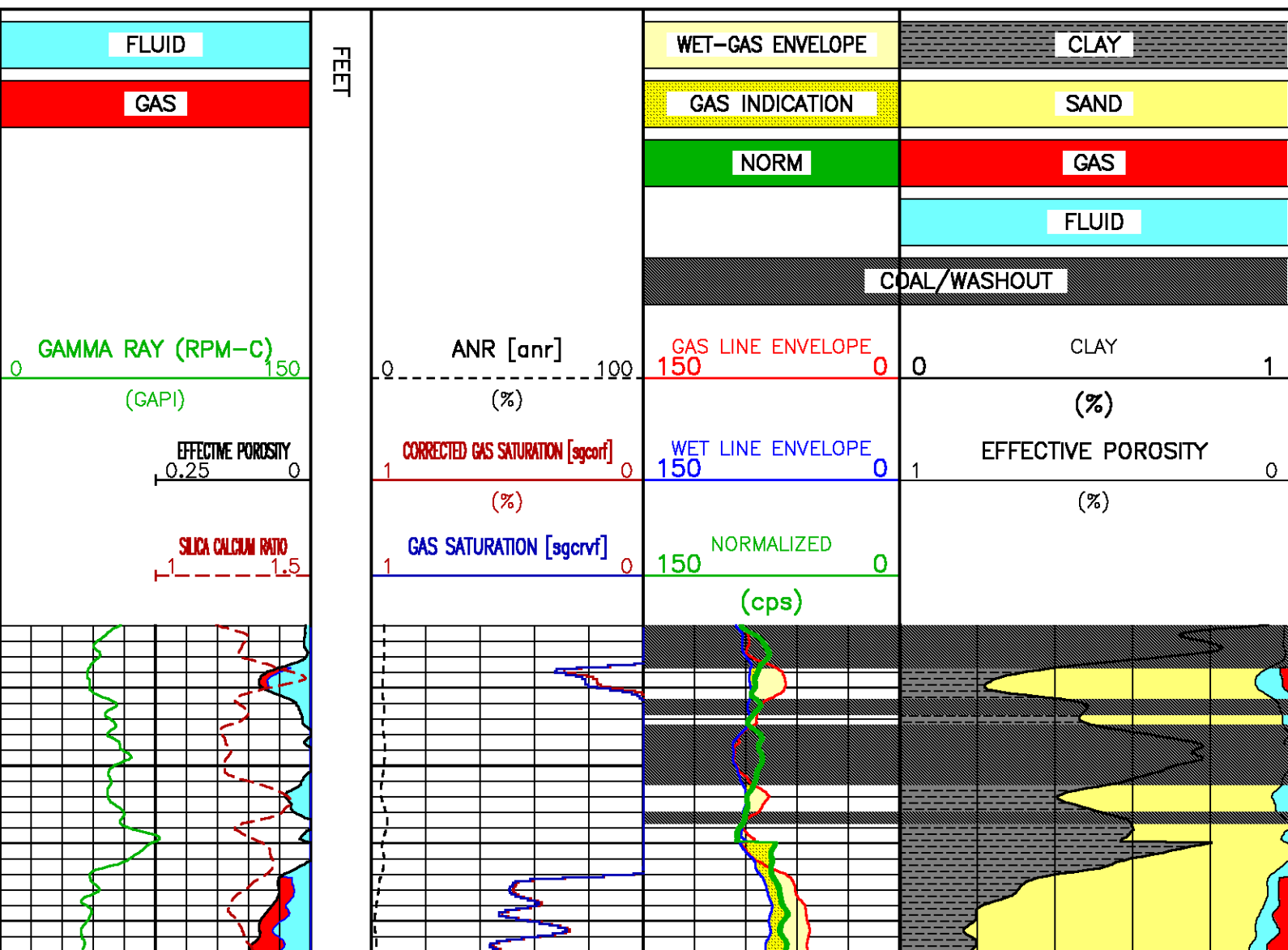
SGCORF = GAS SATURATION WITH GAS CUT CEMENT CORRECTION APPLIED
SGCRVF = GAS SATURATION WITHOUT GAS CUT CEMENT CORRECTION APPLIED

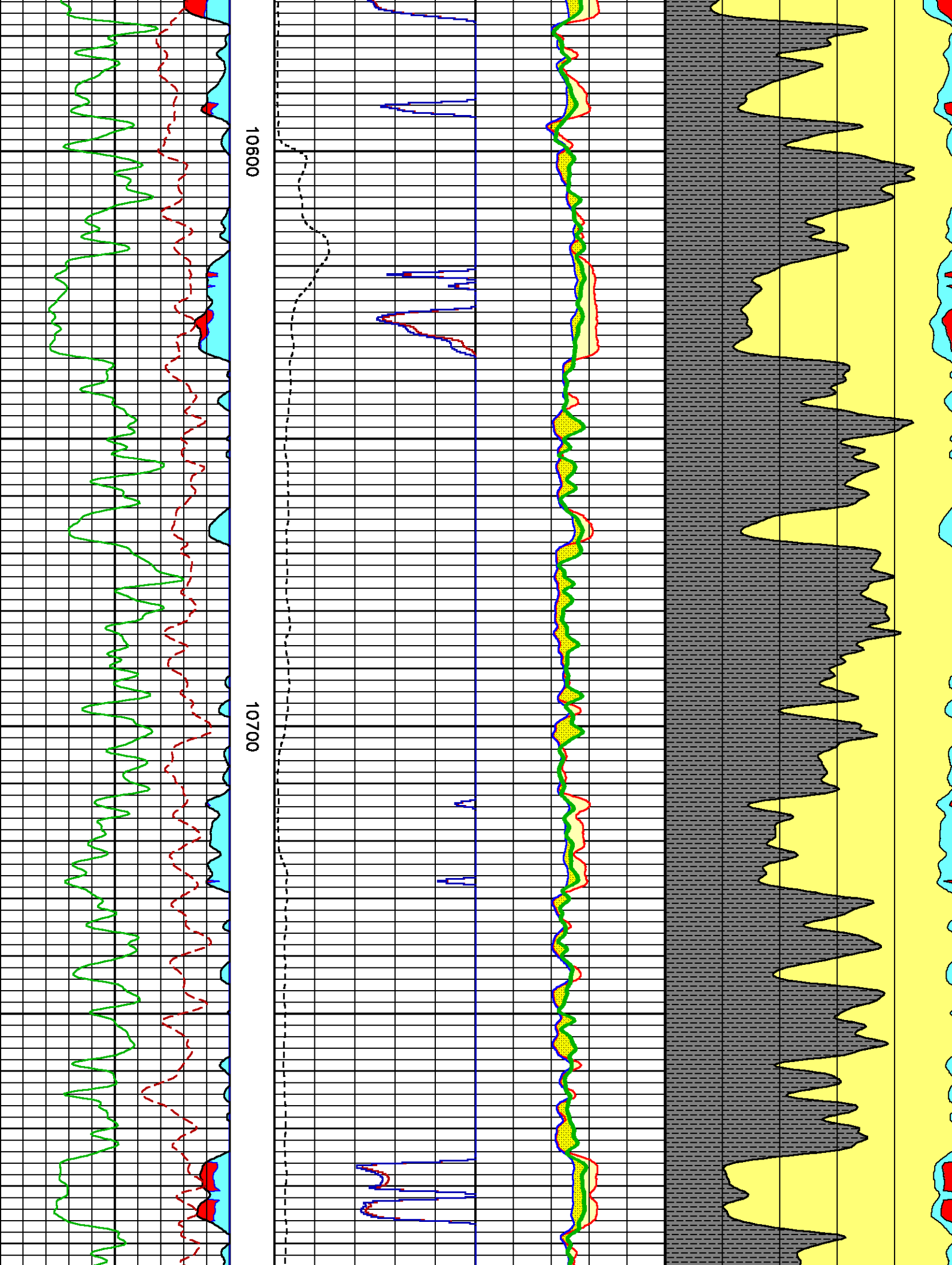
THE DISPLAYED DYNAMIC ENVELOPE IS FROM THE GAS CUT CEMENT CORRECTION ANALYSIS

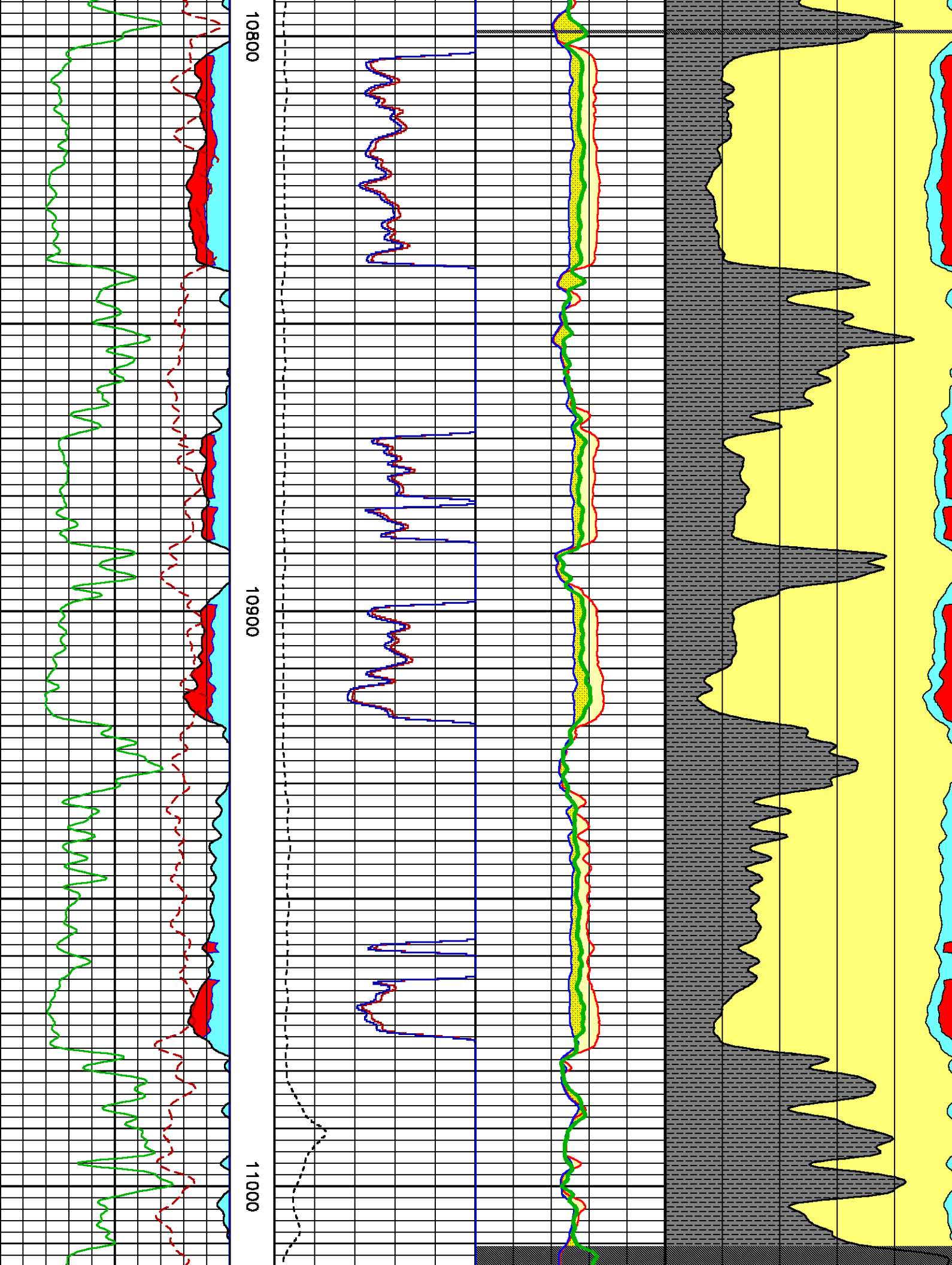
BAKER ATLAS PRELIMINARY GASVIEW SATURATION ANALYSIS

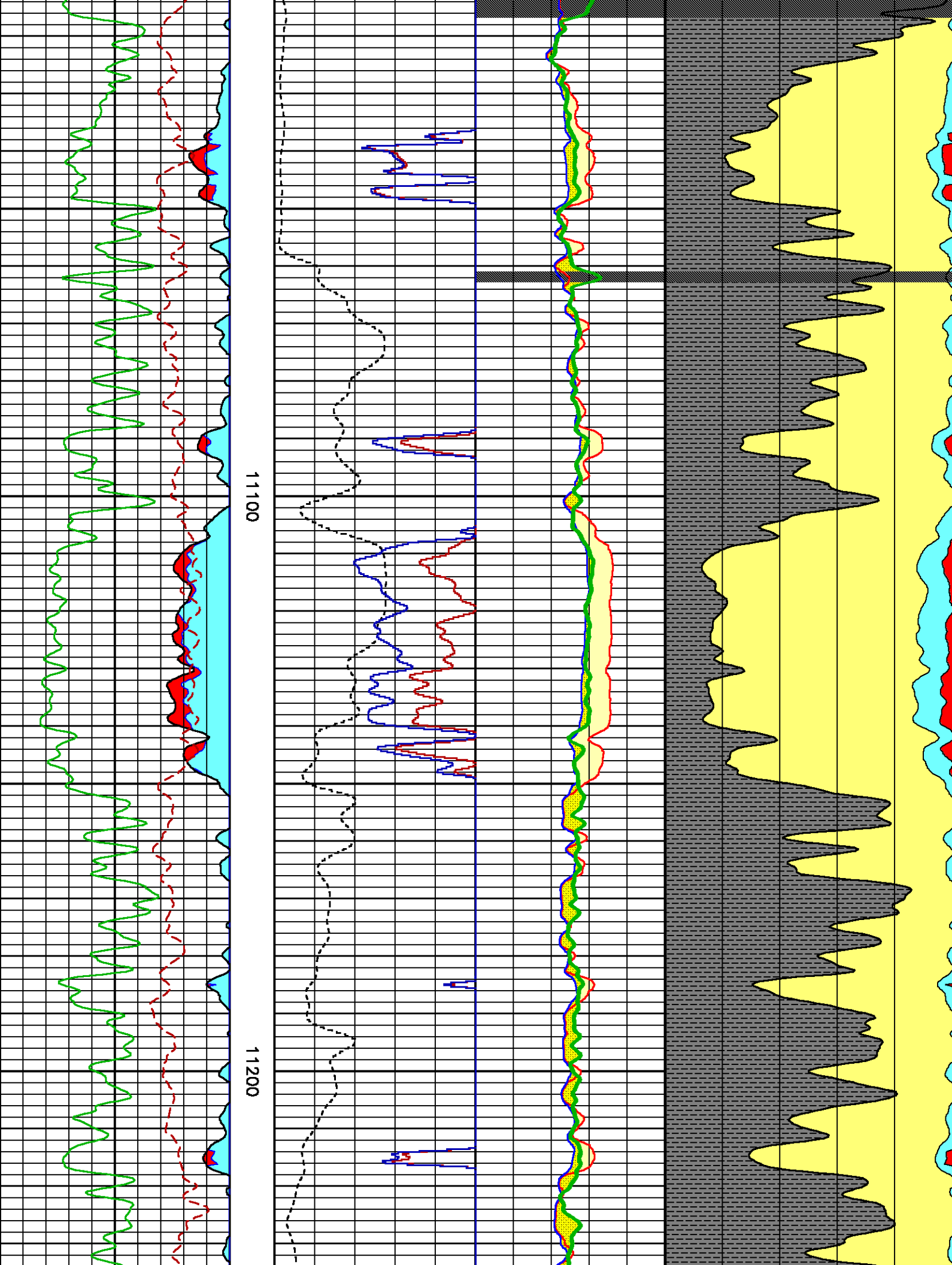
Project : /export/home/willmis/4024_EXXON_GASVIEW_PCU_296-5A6
User : willmis
Presentation : densrv01:/export/home/willmis/4024_EXXON_GASVIEW_PCU_296-5A6/pncgas_8_5_new_EXXON_BOND.pdf [5"/100' Scale]
Plot Interval : 10532 - 13806 Feet

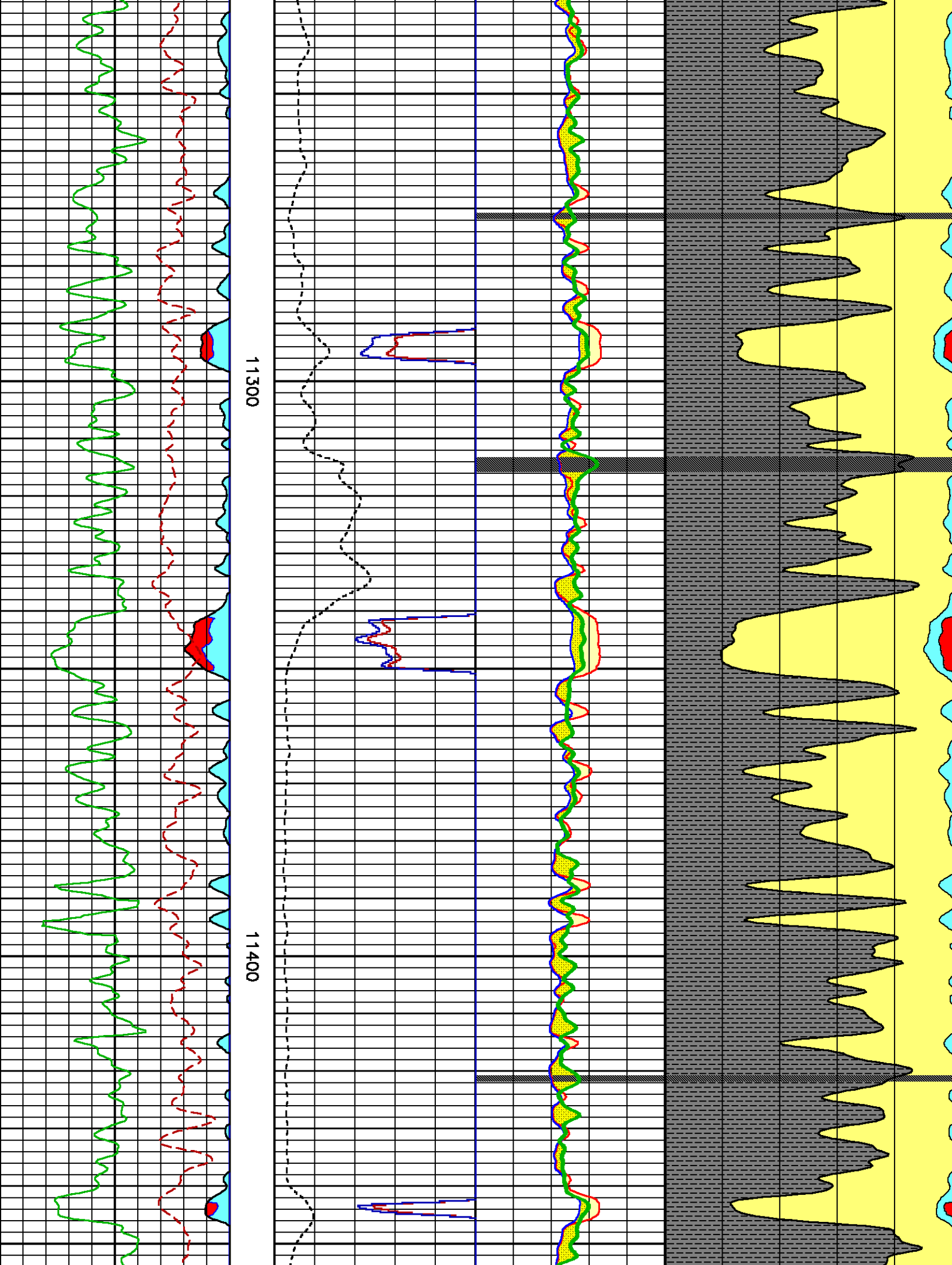
Data File 1 : F1 : densrv01:/export/home/willmis/4024_EXXON_GASVIEW_PCU_296-5A6/main_cor.xtf
Created On : Jul 19 15:11:10 2011
Company : EXXONMOBIL PRODUCTION COMPANY
Well : PCU 296-5A6
Field : PICEANCE CREEK
File Interval : 3530 - 14678 Feet
Oct : NA

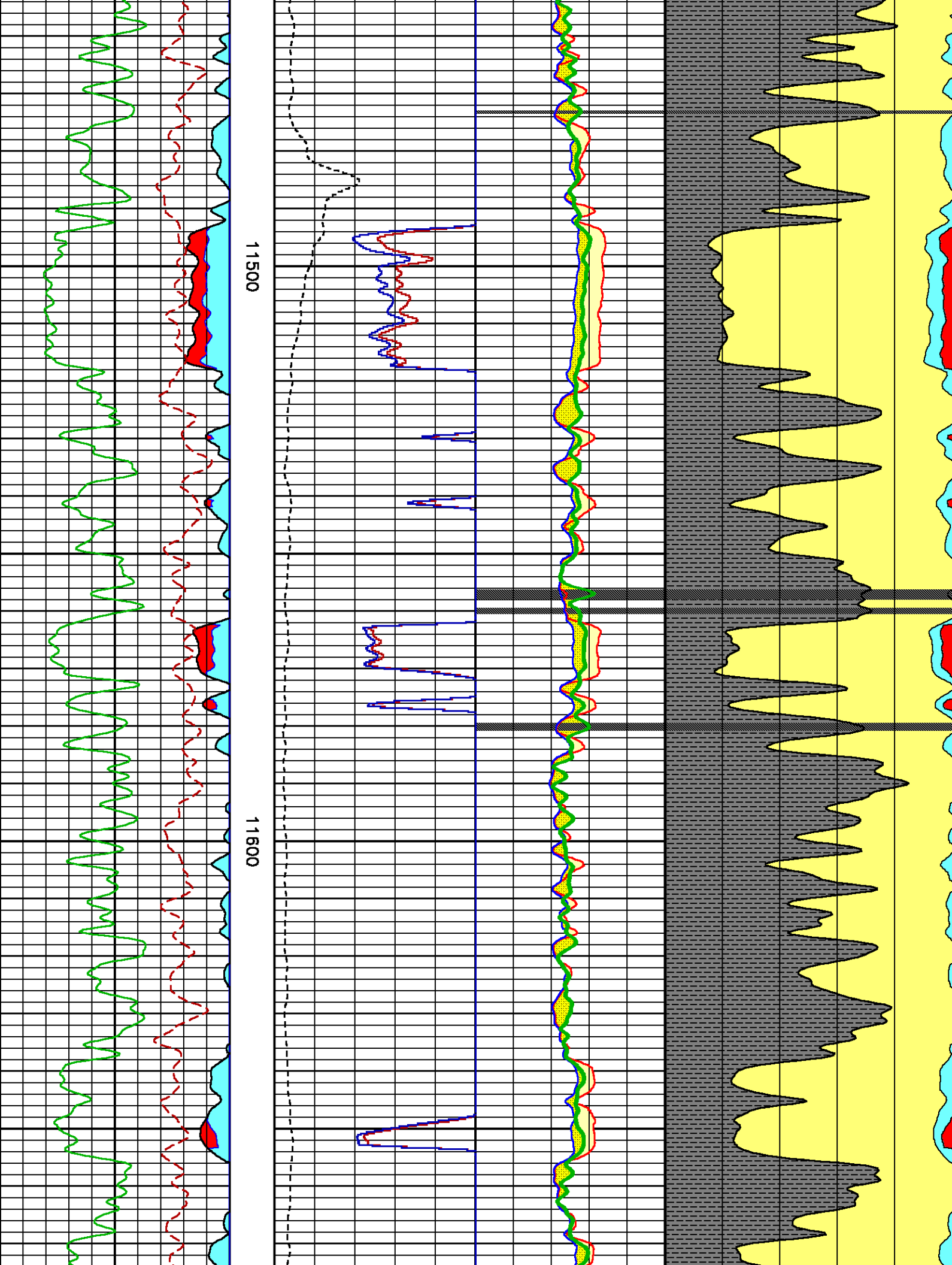


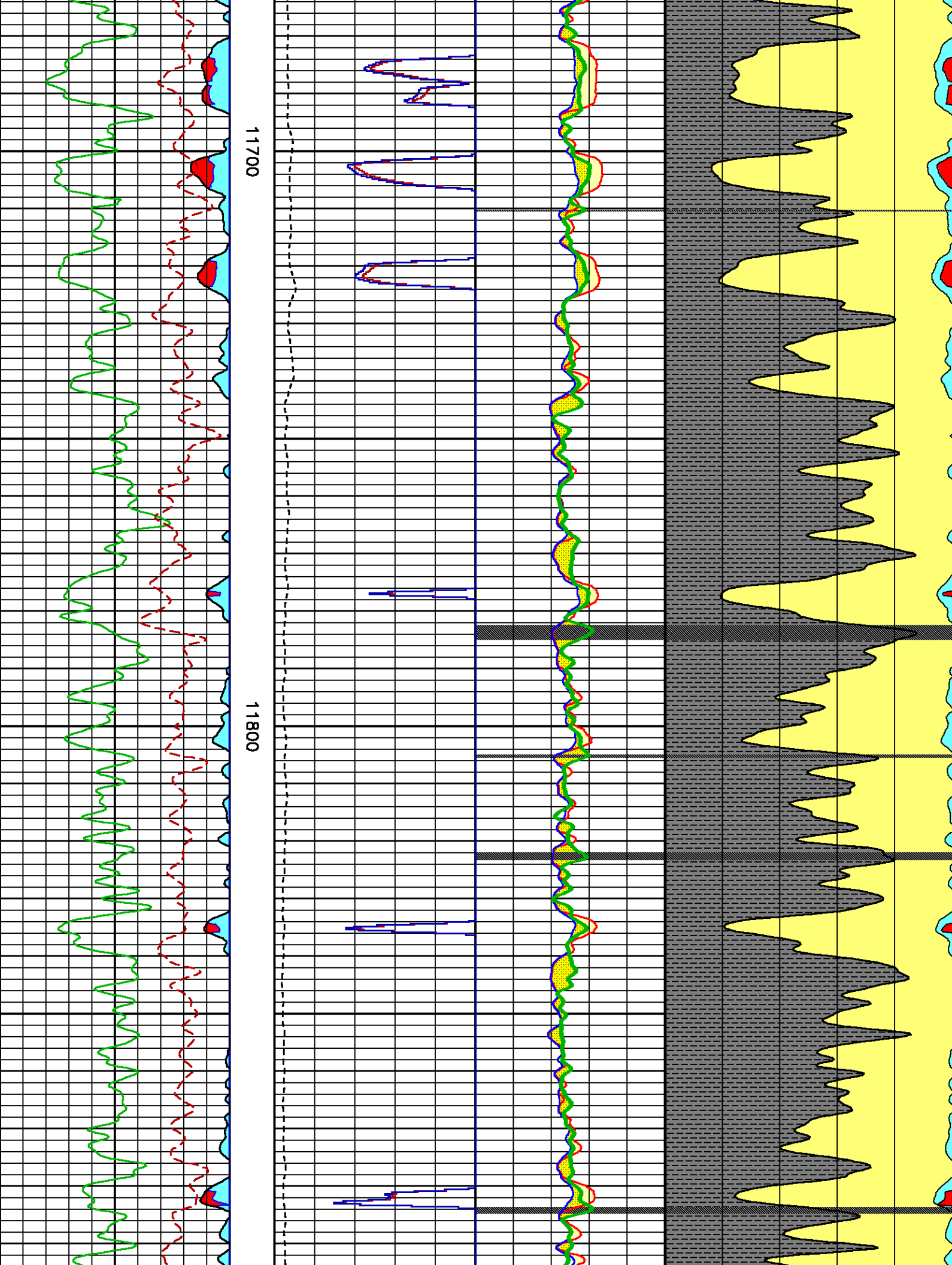


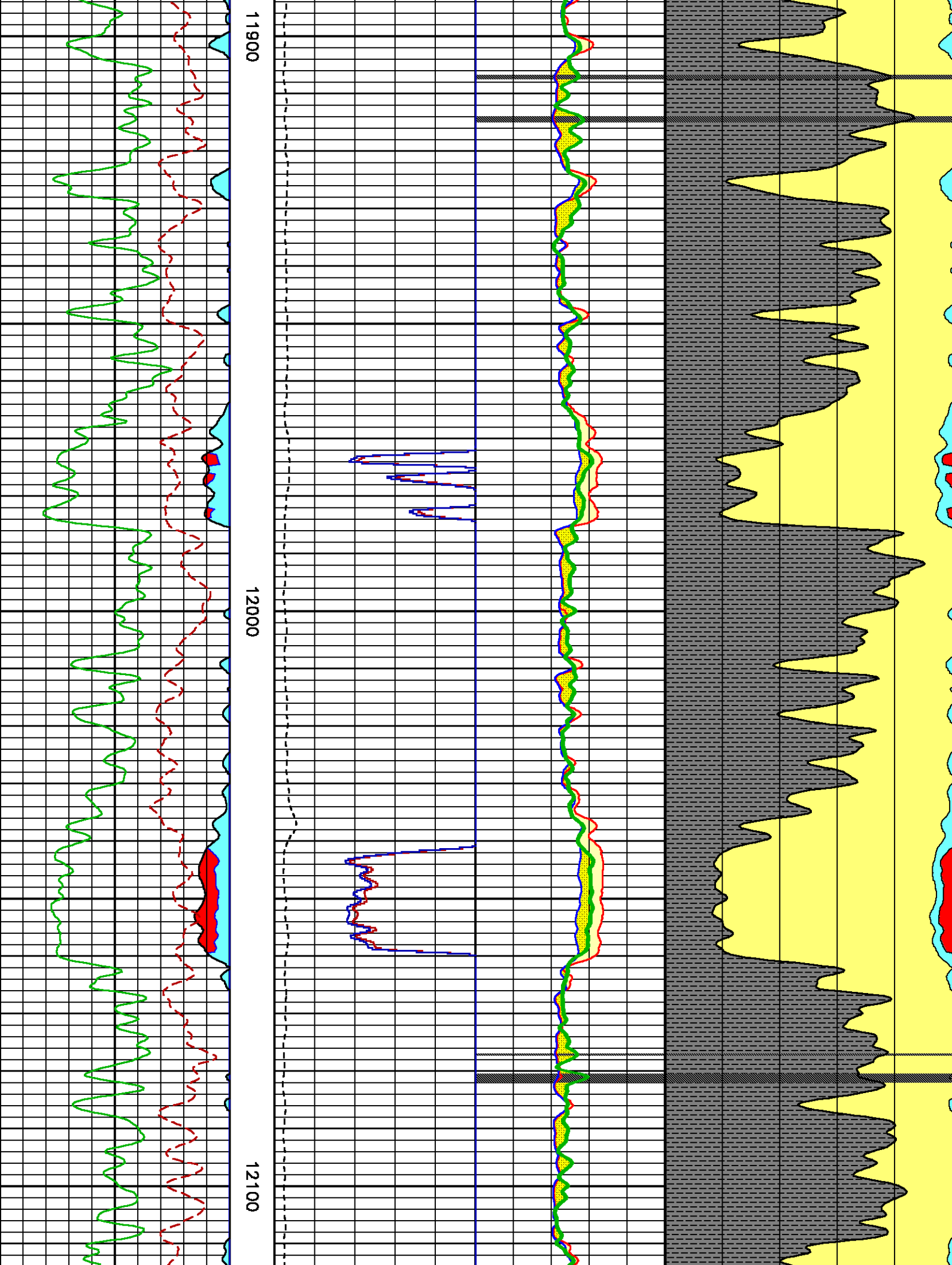


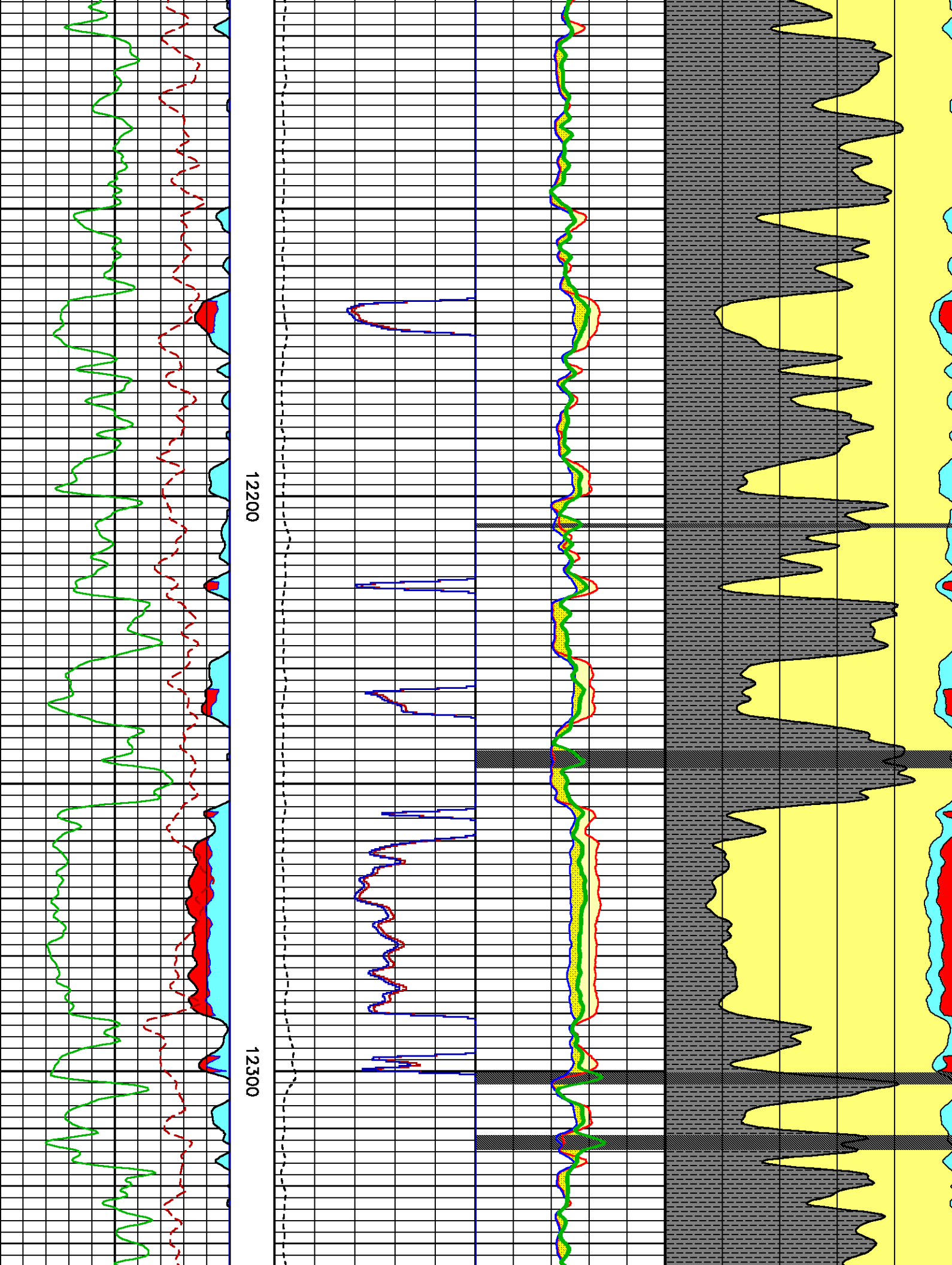


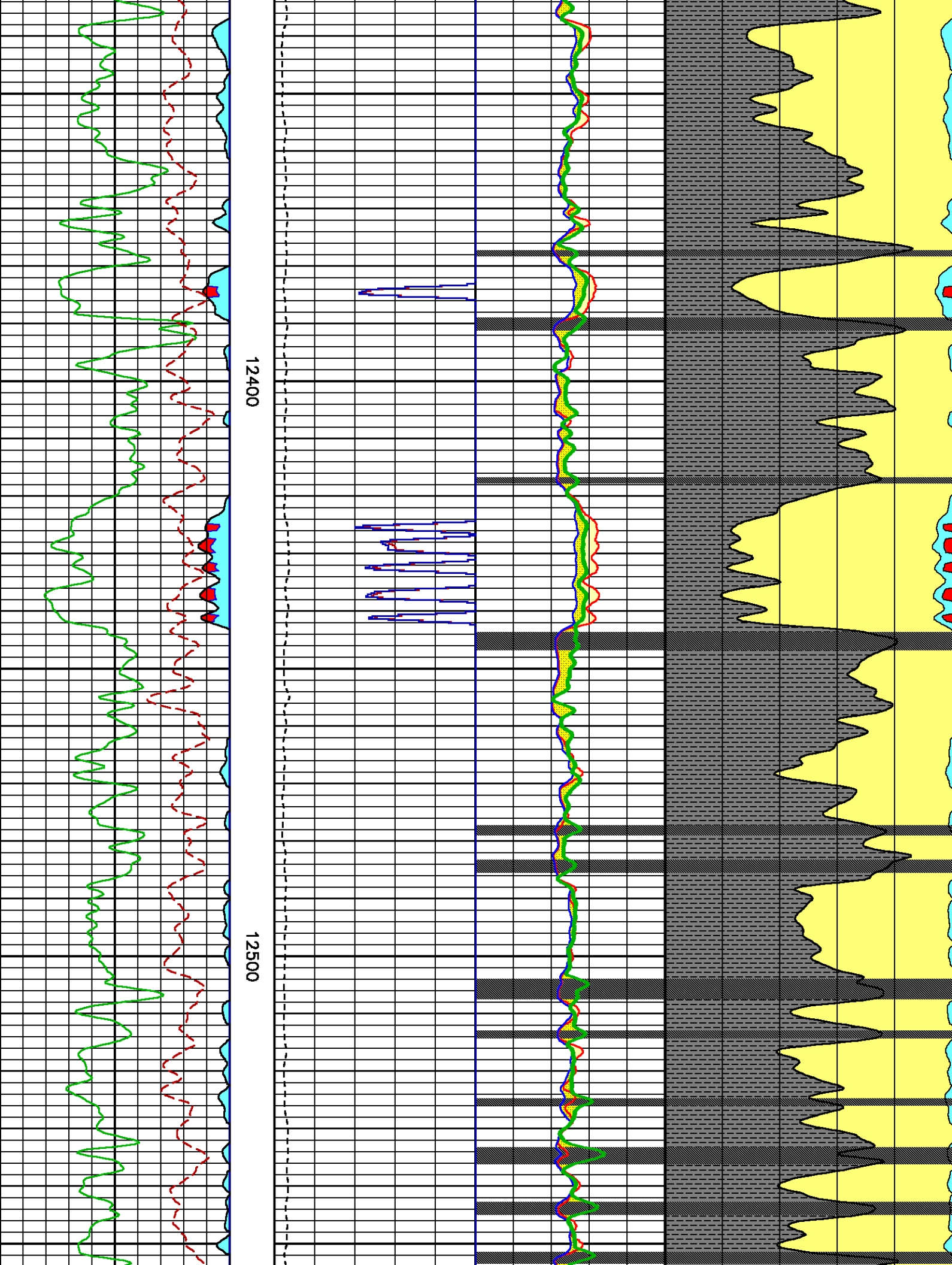


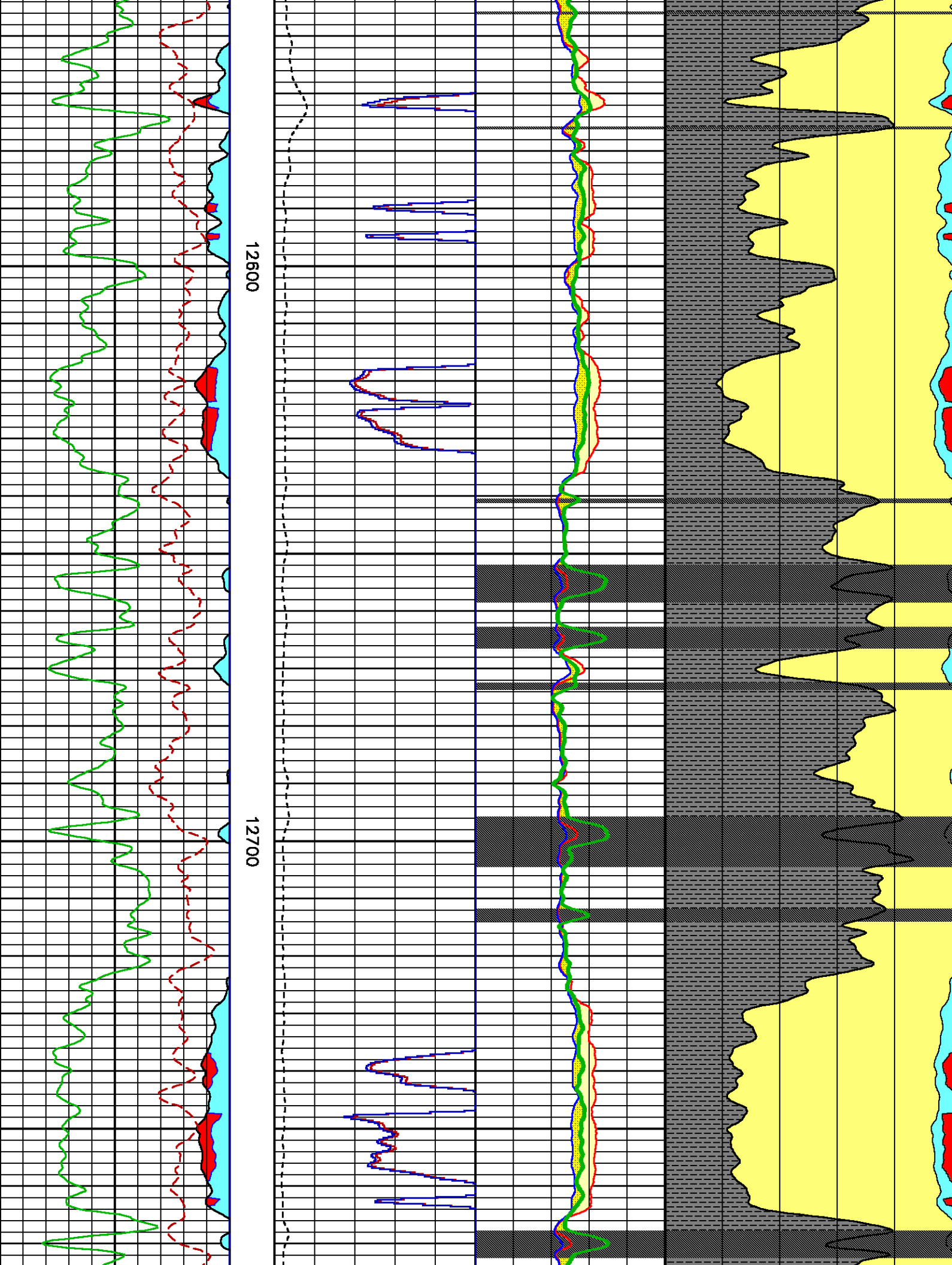


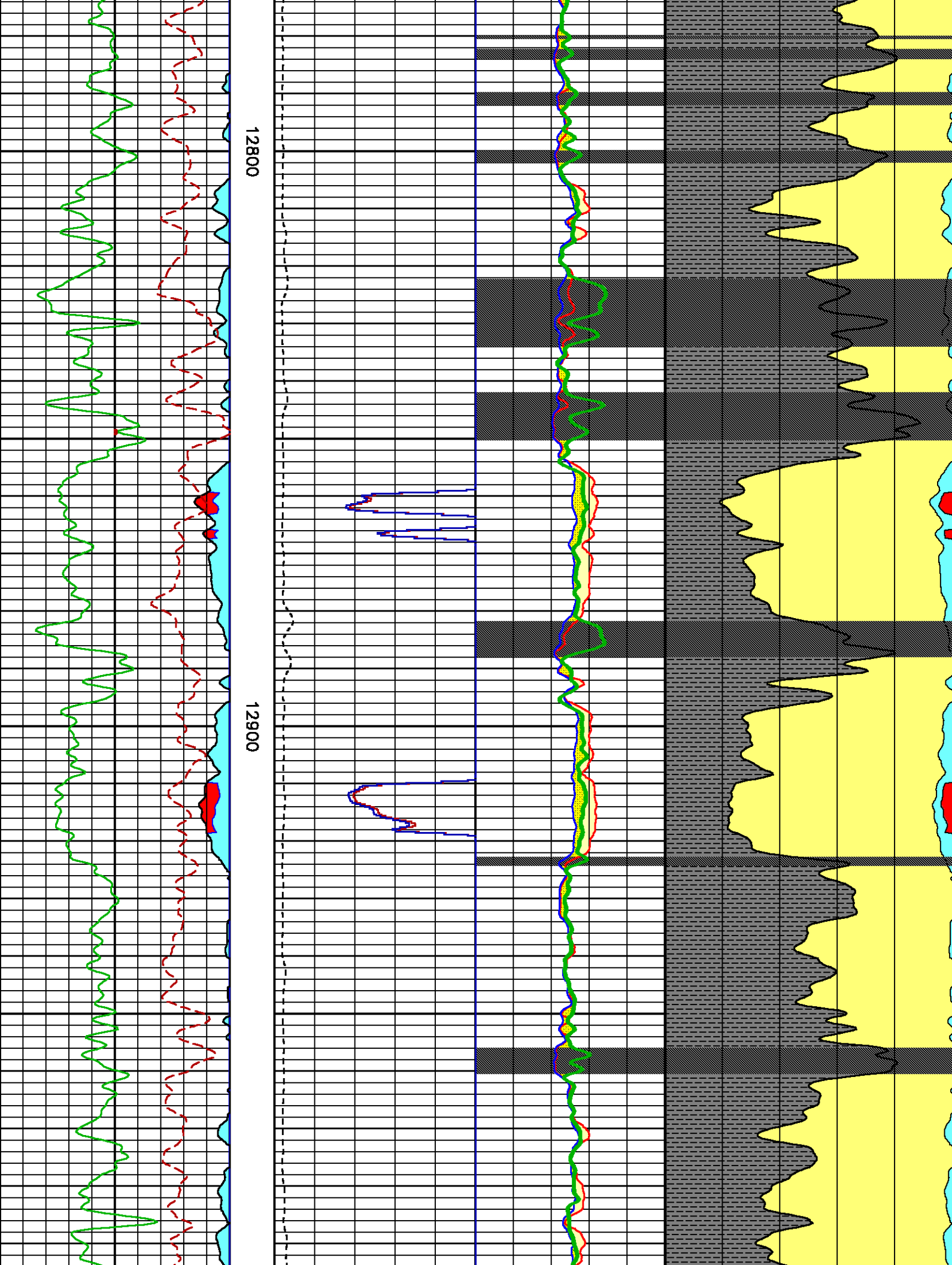


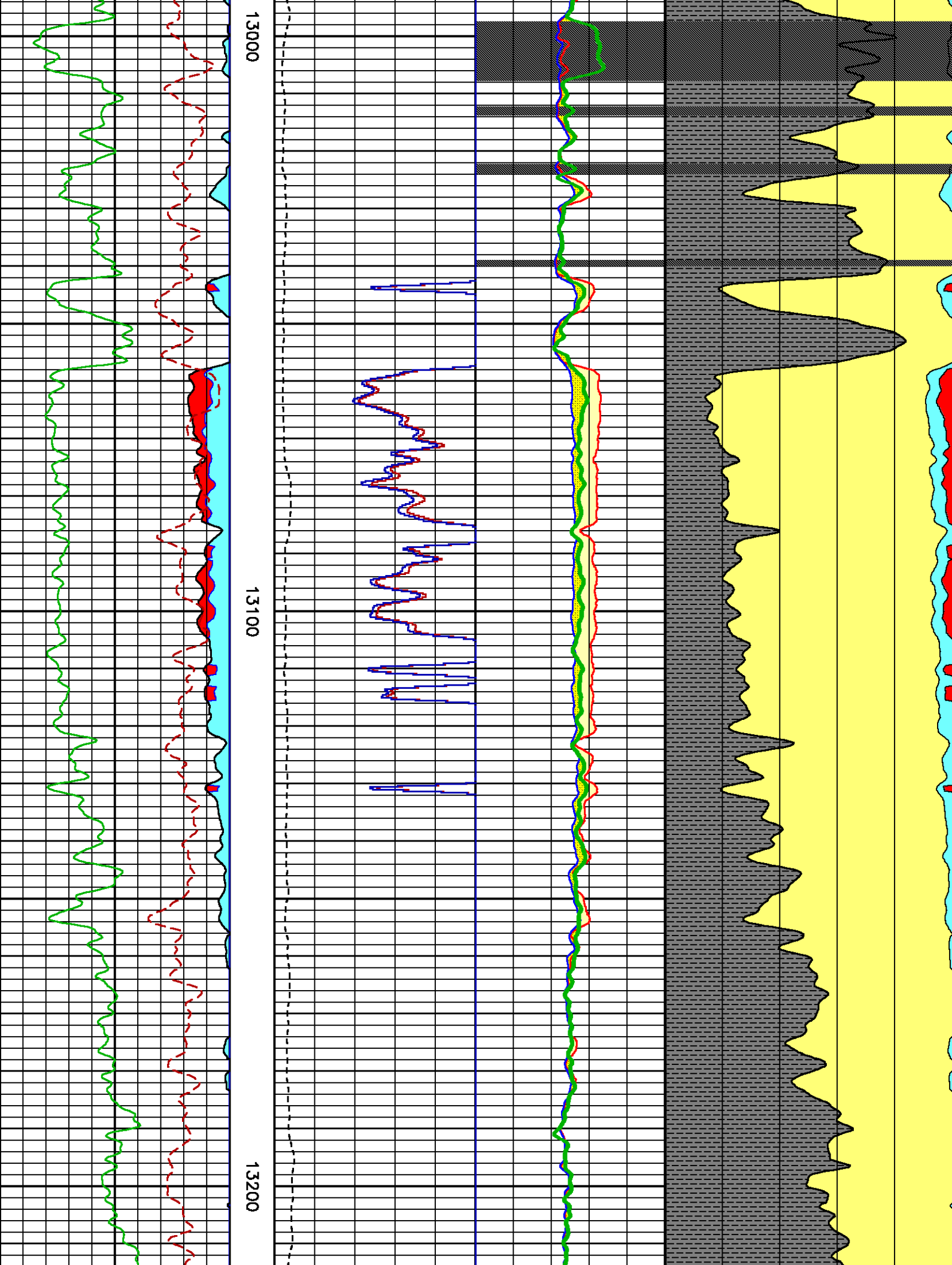


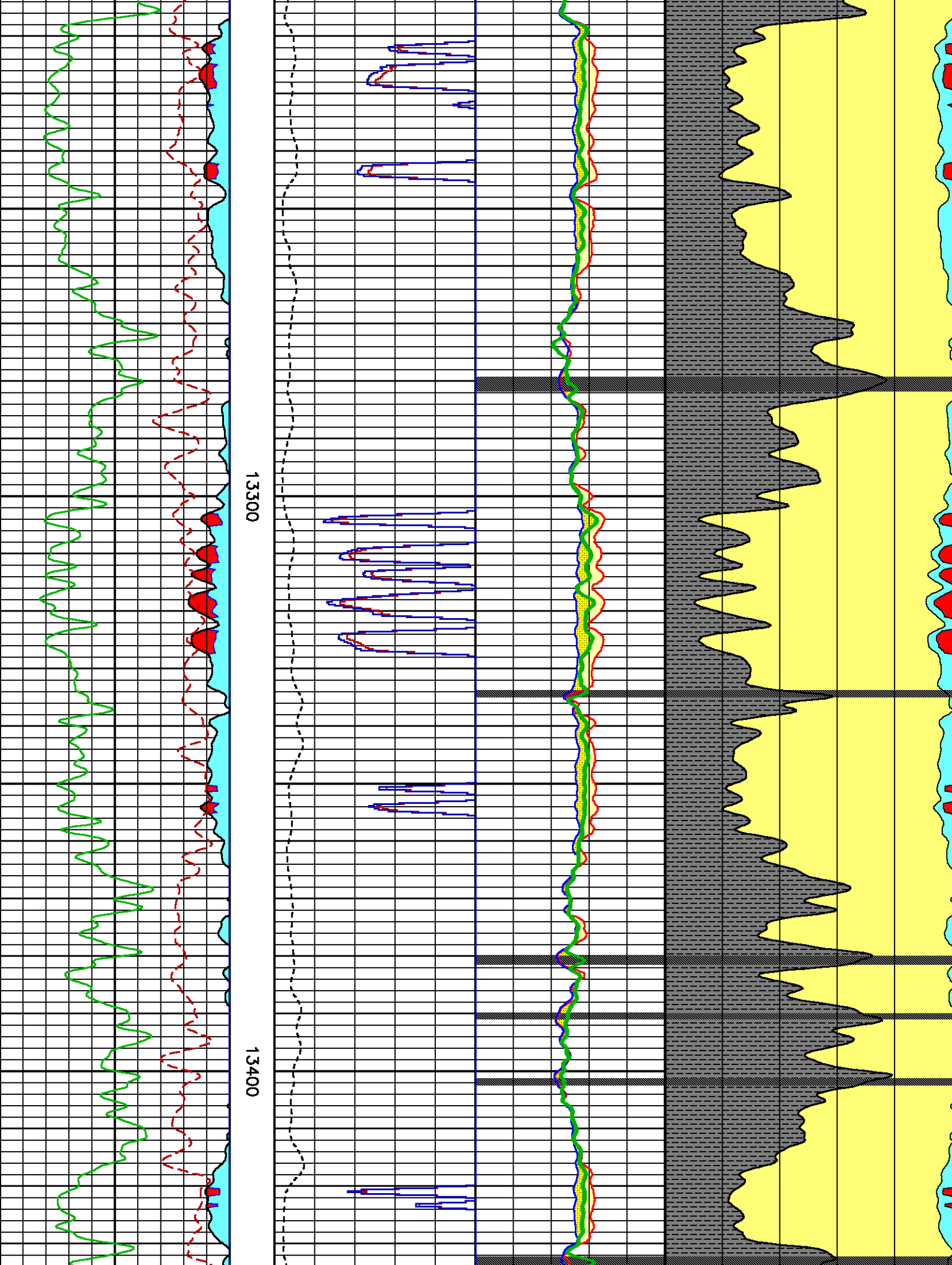


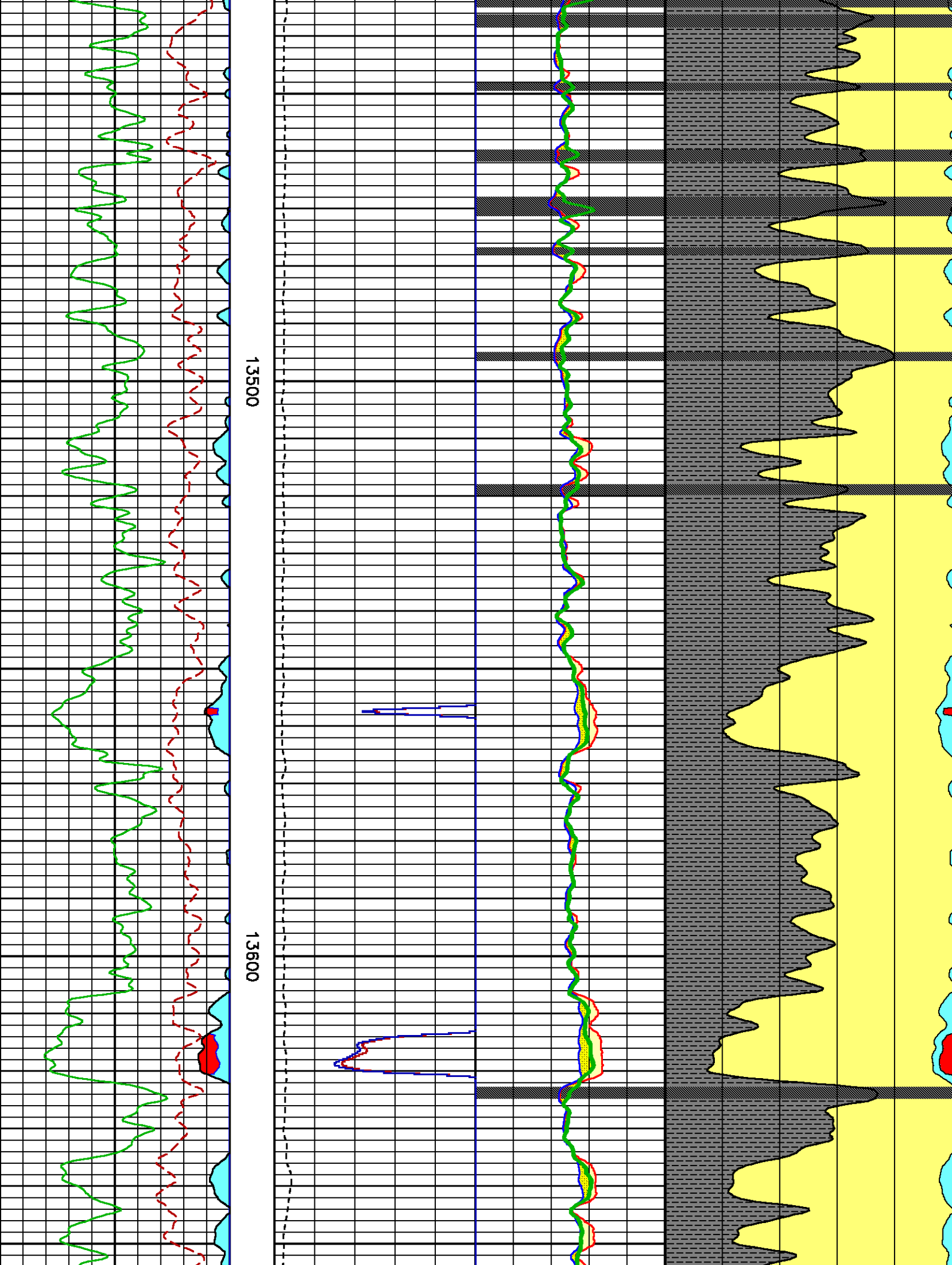


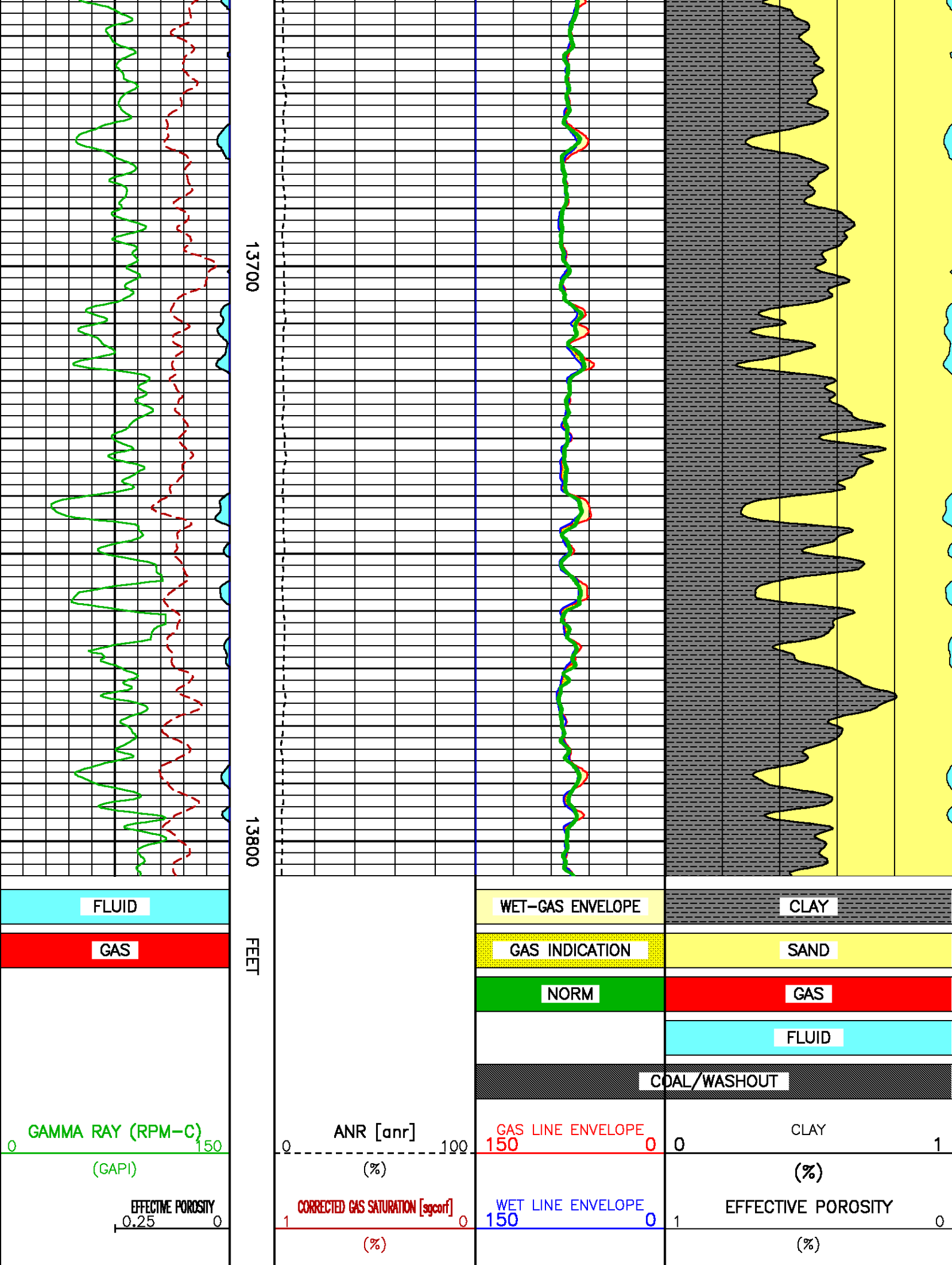





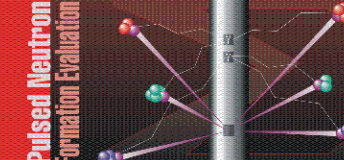








SILICA CALCIUM RATIO 1-----1.5	GAS SATURATION [sgcrvf] 1-----0	NORMALIZED 150-----0 (cps)
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 	COMPANY <u>EXXONMOBIL PRODUCTION COMPANY</u>		FILE NO: <u>4024</u>
	WELL <u>PCU 296-5A6</u>		API NO: <u>05-103-11240-0000</u>
	FIELD <u>PICEANCE CREEK</u>		
	COUNTY <u>RIO BLANCO</u>	STATE <u>COLORADO</u>	
LOCATION: SHL: 692' FNL & 535' FWL		ELEVATIONS: KB 7339.2 FT DF 7338.2 FT GL 7309 FT	FS0: 575323 GRAND JUNCTION KAUTT
SEC <u>5</u> TWP <u>2S</u> RGE <u>96W</u>		DATE <u>28-JUL-2011</u>	