

Company: Noble Energy Inc.

Well: Jessica LC27-785
Field: WILDCAT
County: WELD

State: Colorado

County: WELD		USI-LITE	
Field: WILDCAT			
Location: SHL S34 T9N R59W			
Well: Jessica LC27-785			
Company: Noble Energy Inc.			
LOCATION			
Permanent Datum:		Elev: K.B. 4859.0 F	
Log Measured From:		G.L. 4829.0 F	
Drilling Measured From:		D.F. 4859.0 F	
GL KB KB			
API Serial No. 05-123-40642	Section 34	Township 9N	Range 59W
Logging Date	15-Jun-2015		
Run Number	ONE		
Depth Driller	6628.0 F		
Schlumberger Depth	6196.0 F		
Bottom Log Interval	6196.0 F		
Top Log Interval	-999.2 F		
Casing Fluid Level	0.0 F		
Salinity			
Density	8.40 LB/G		
Fluid Level	0.0 F		
BIT/CASING/TUBING STRING			
Bit Size	8.750 IN		
From	6196.0 F		
To	-999.2 F		
Casing Size	7.00 IN		
Weight	26.00 LB/F		
Grade	P110		
From	30.0 F		
To	6618.1 F		
Max Recorded Temp	163.0		
Logger on bottom (date)	15-Jun-2015		
Location	Fort Morgan CO.		
Recorded By	Benjamin Marmon		
Witnessed By	Bill Mansfield		

DEPTH SUMMARY LISTING

DEPTH SYSTEM EQUIPMENT

Depth Measuring Device	Tension Device	Logging Cable
Type: Serial Number: Calibration Date: Calibration Cable Type: Wheel Correction 1: Wheel Correction 2:	Type: Serial Number: 653 Calibration Date: Calibrator Serial Number: Number Of Calibration Points: Calibration RMS: Calibration Peak Error:	Serial Number: F713384 Length: 20000.00000

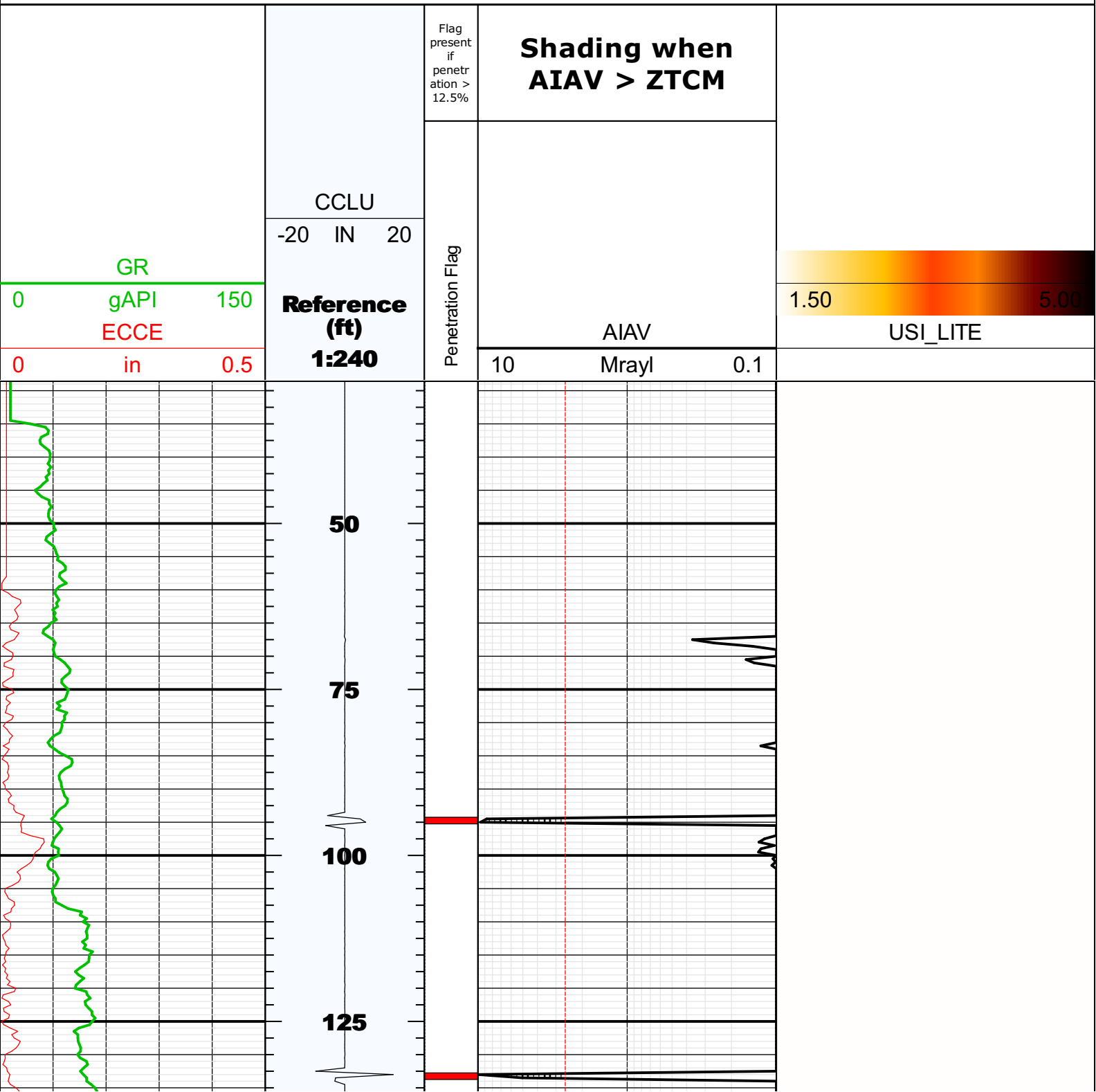
DISCLAIMER

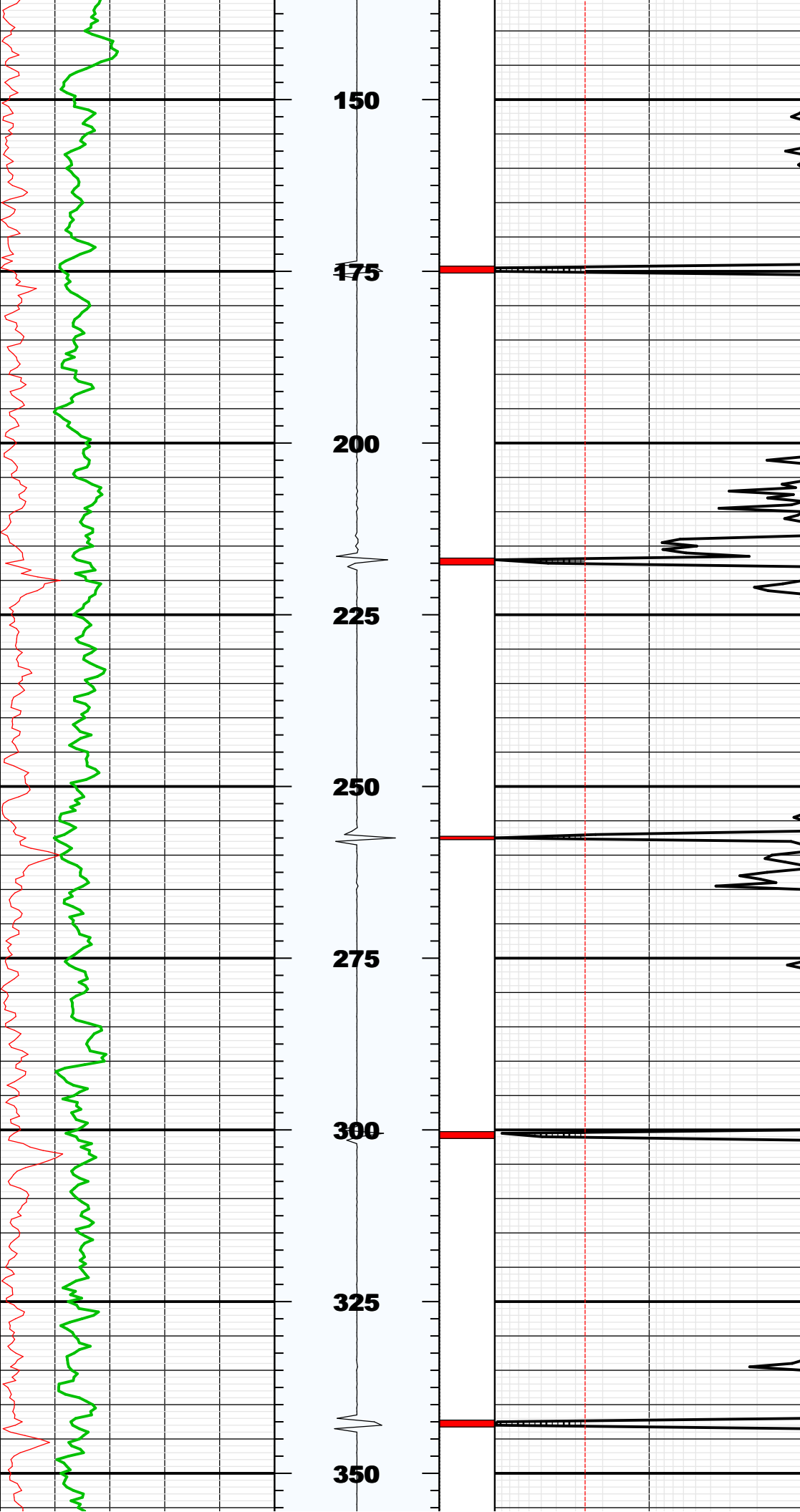
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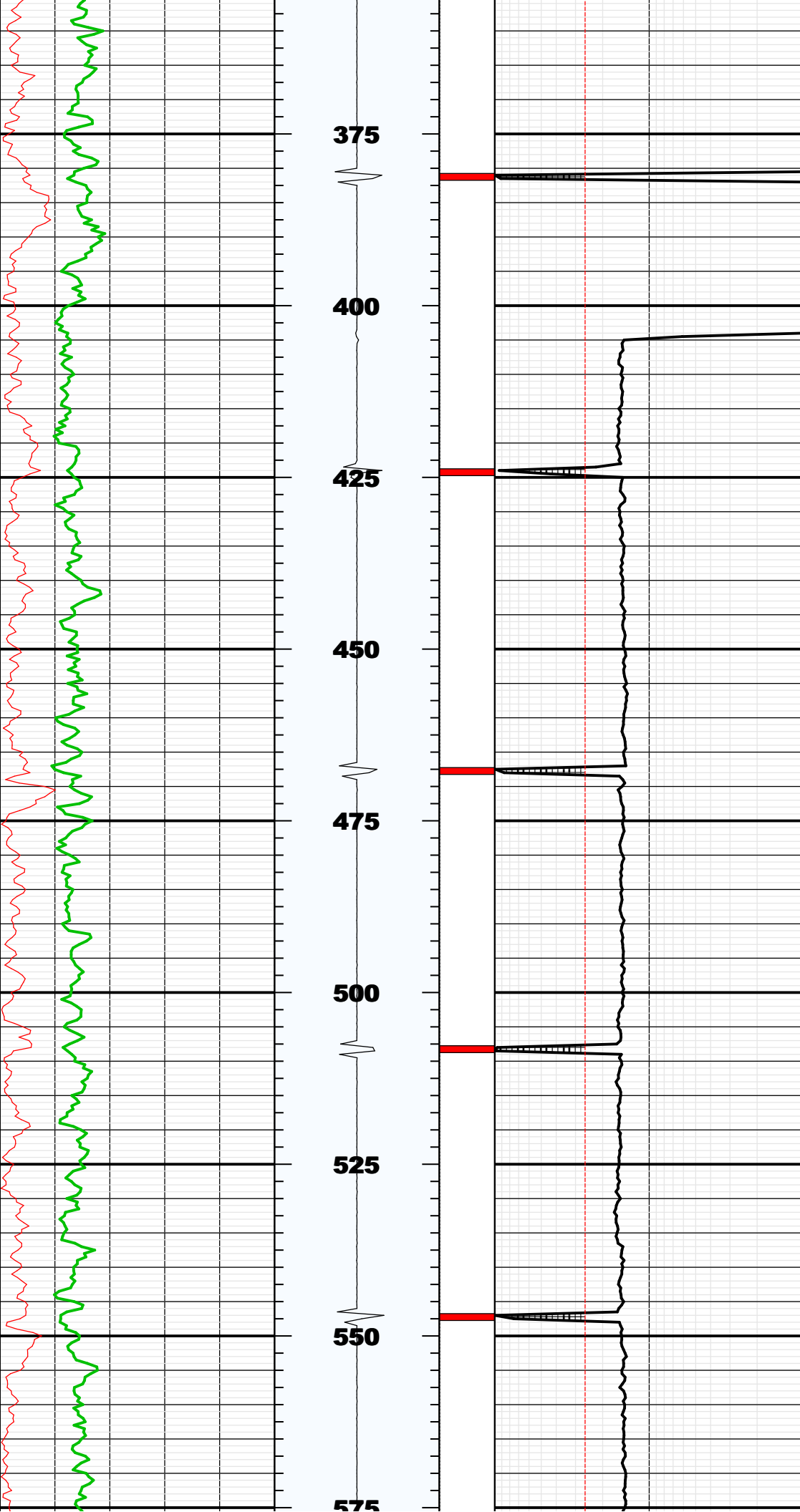
This is the first log run in the well.
Toolstring run as per toolsketch.
Log Objective Cement Evaluation.
0 PSI Repeat Pass and 2500 PSI Main Pass.
Estimated TOC@ 2065'. Expected TOC @ 1615'.
Bottom log interval 6196'.
Bottom hole temperature was 164 degF.

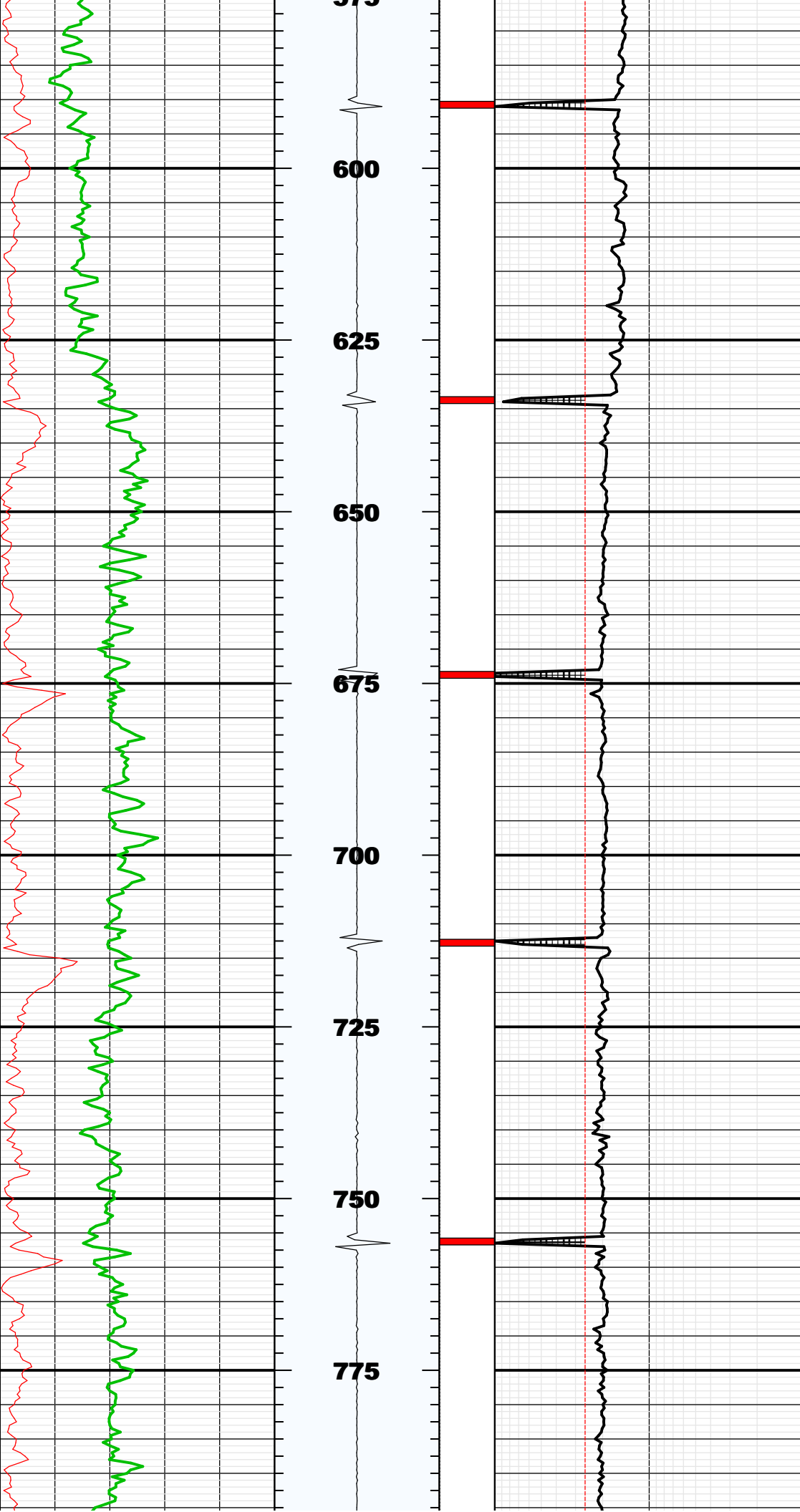
Main Pass

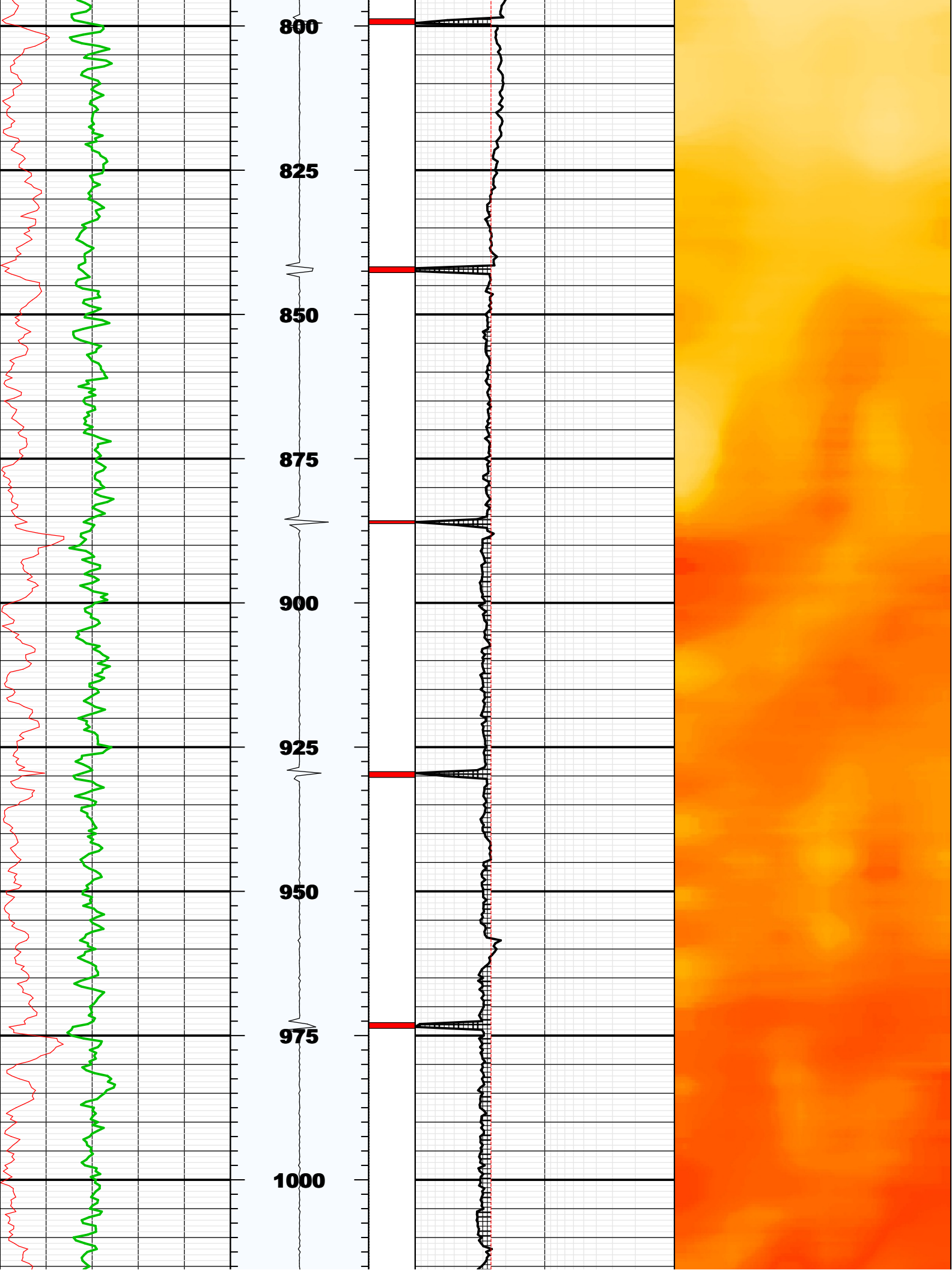
Field: WILDCAT

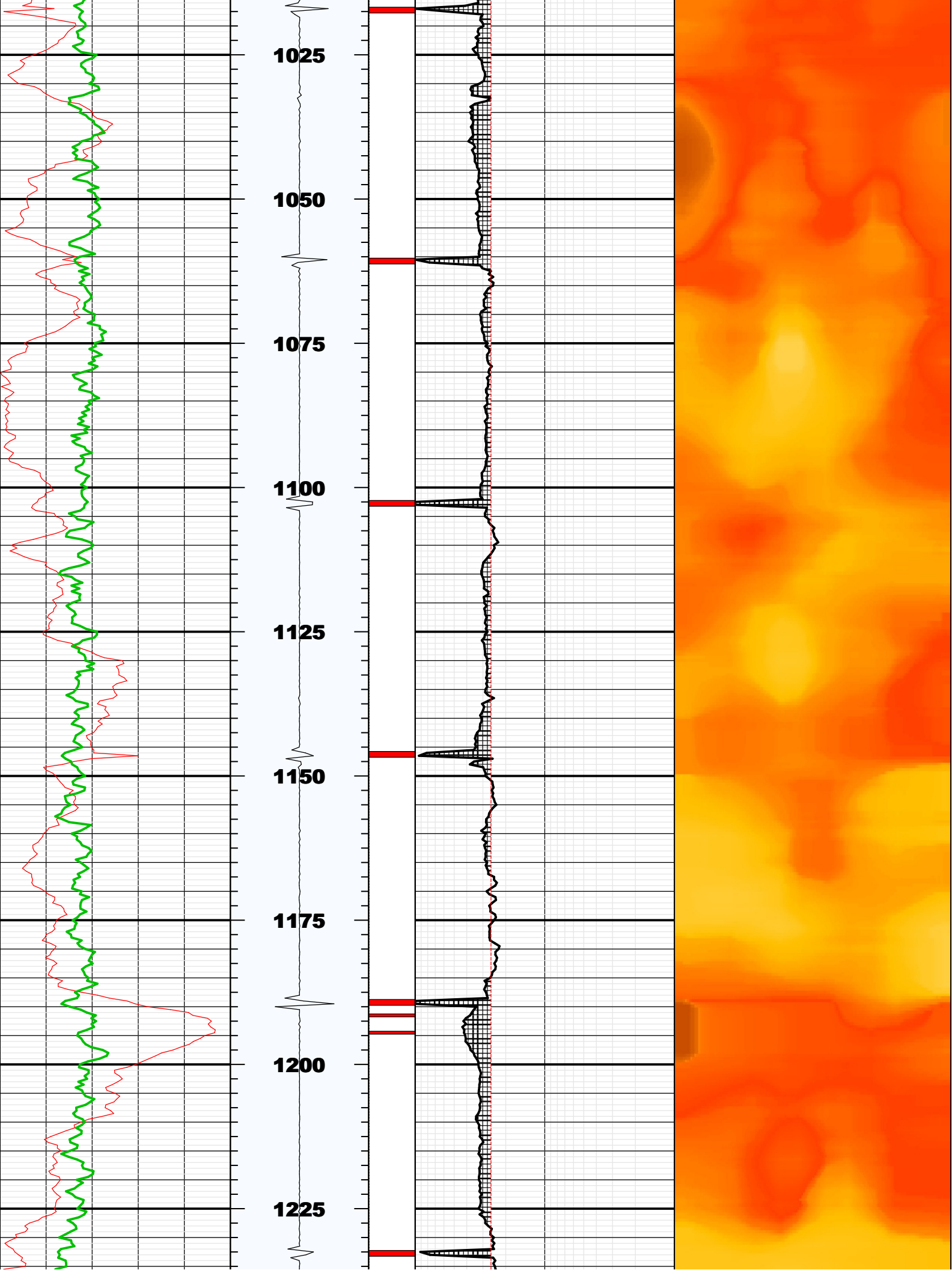


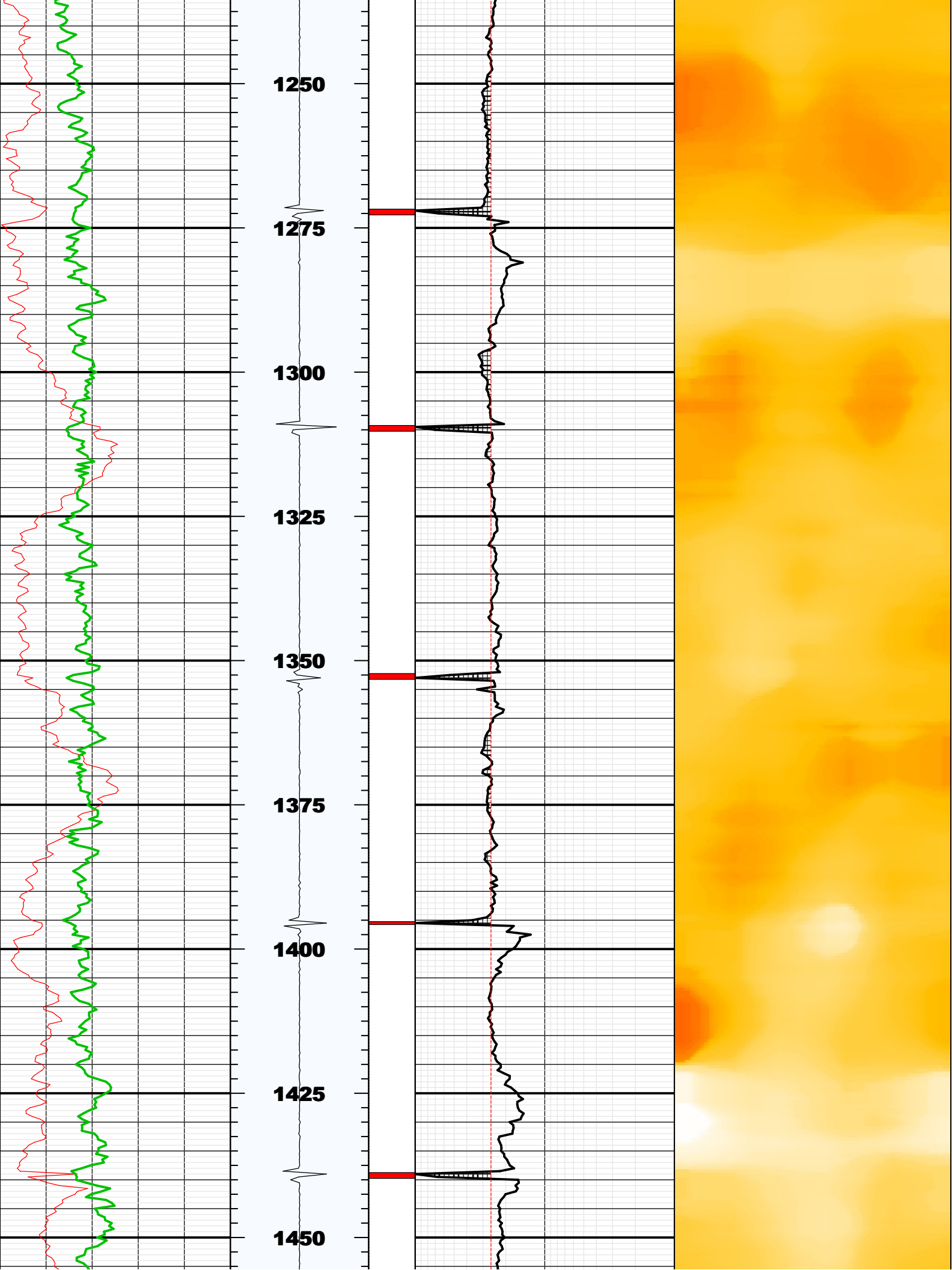


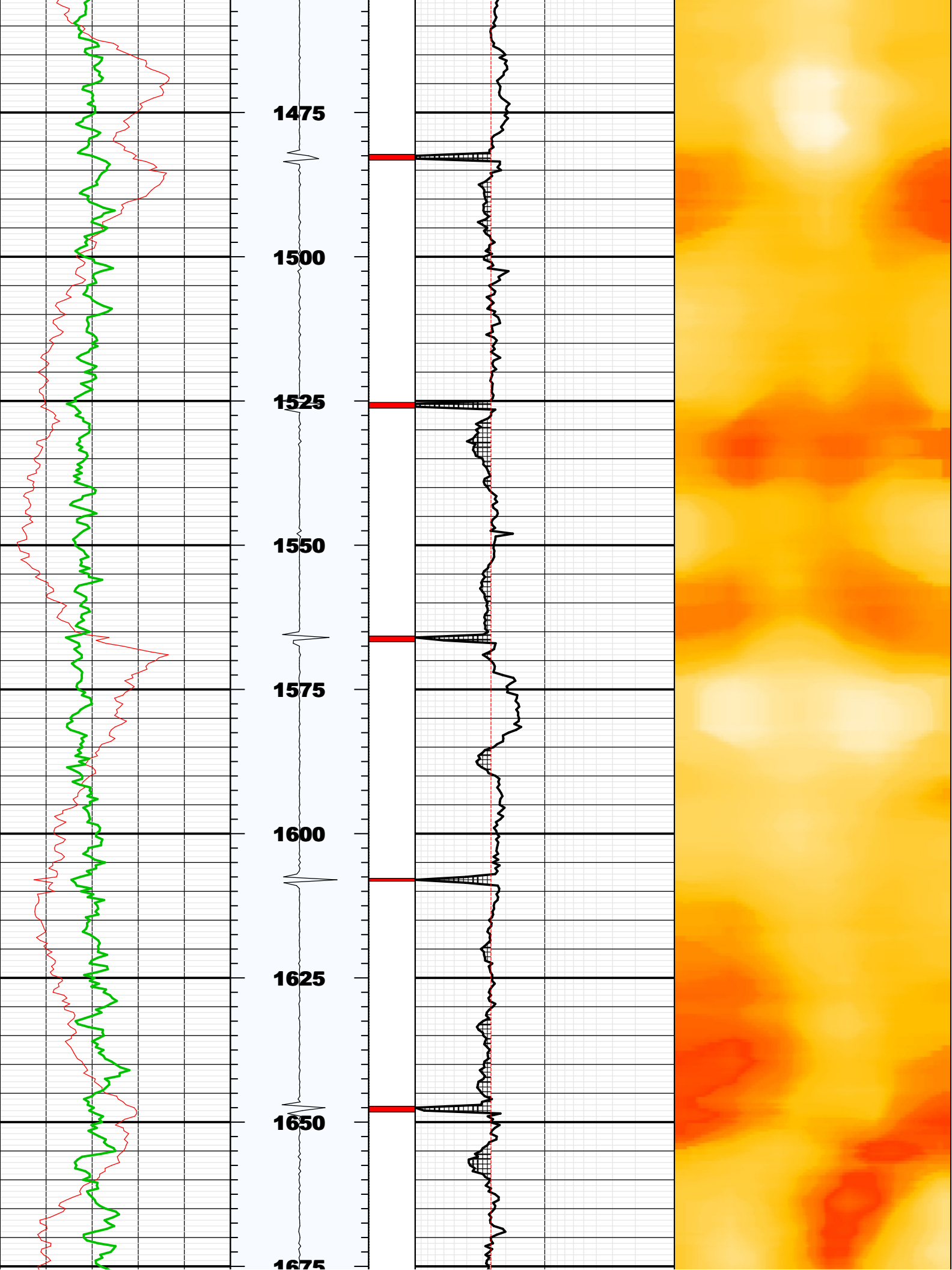


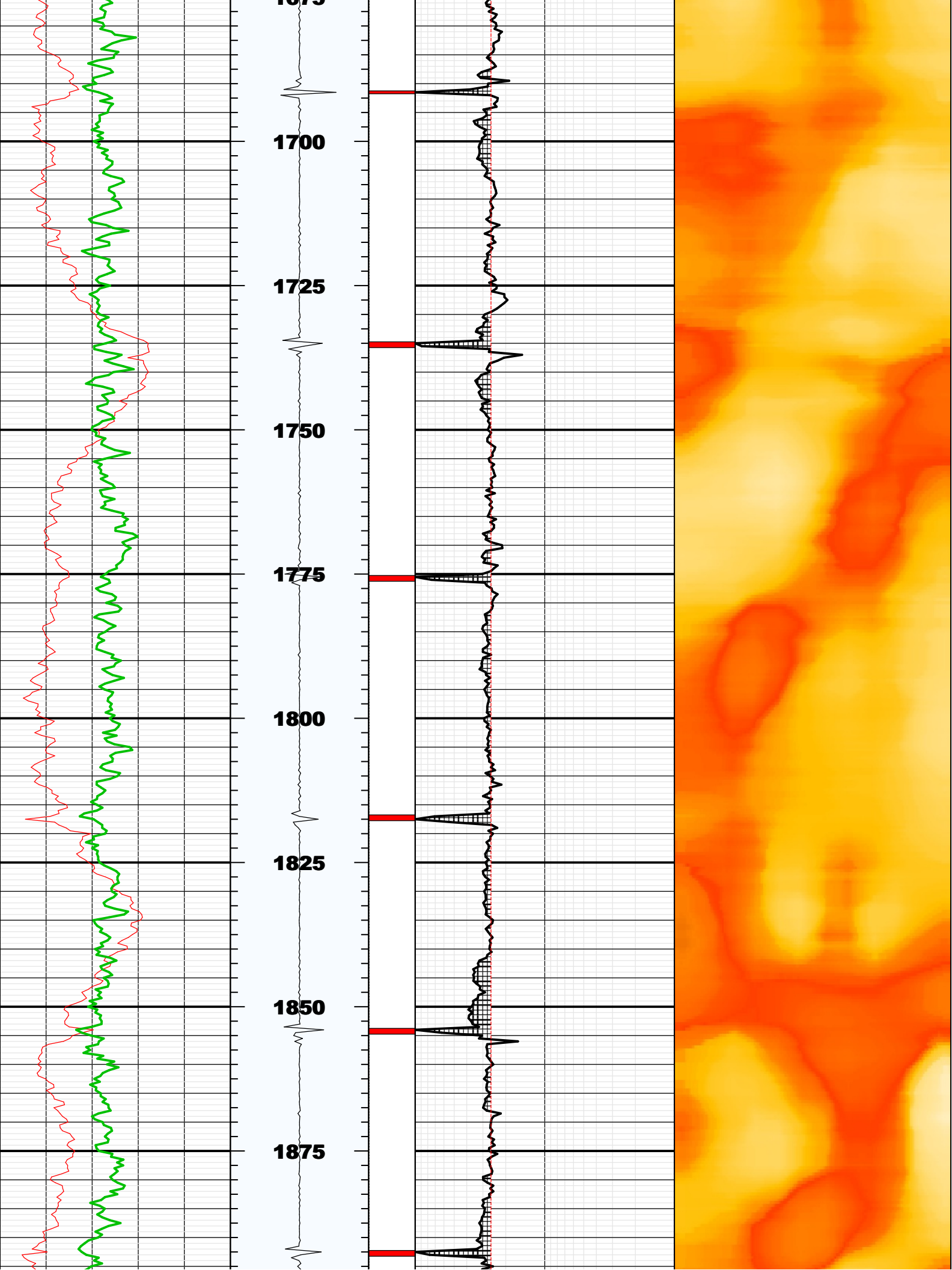


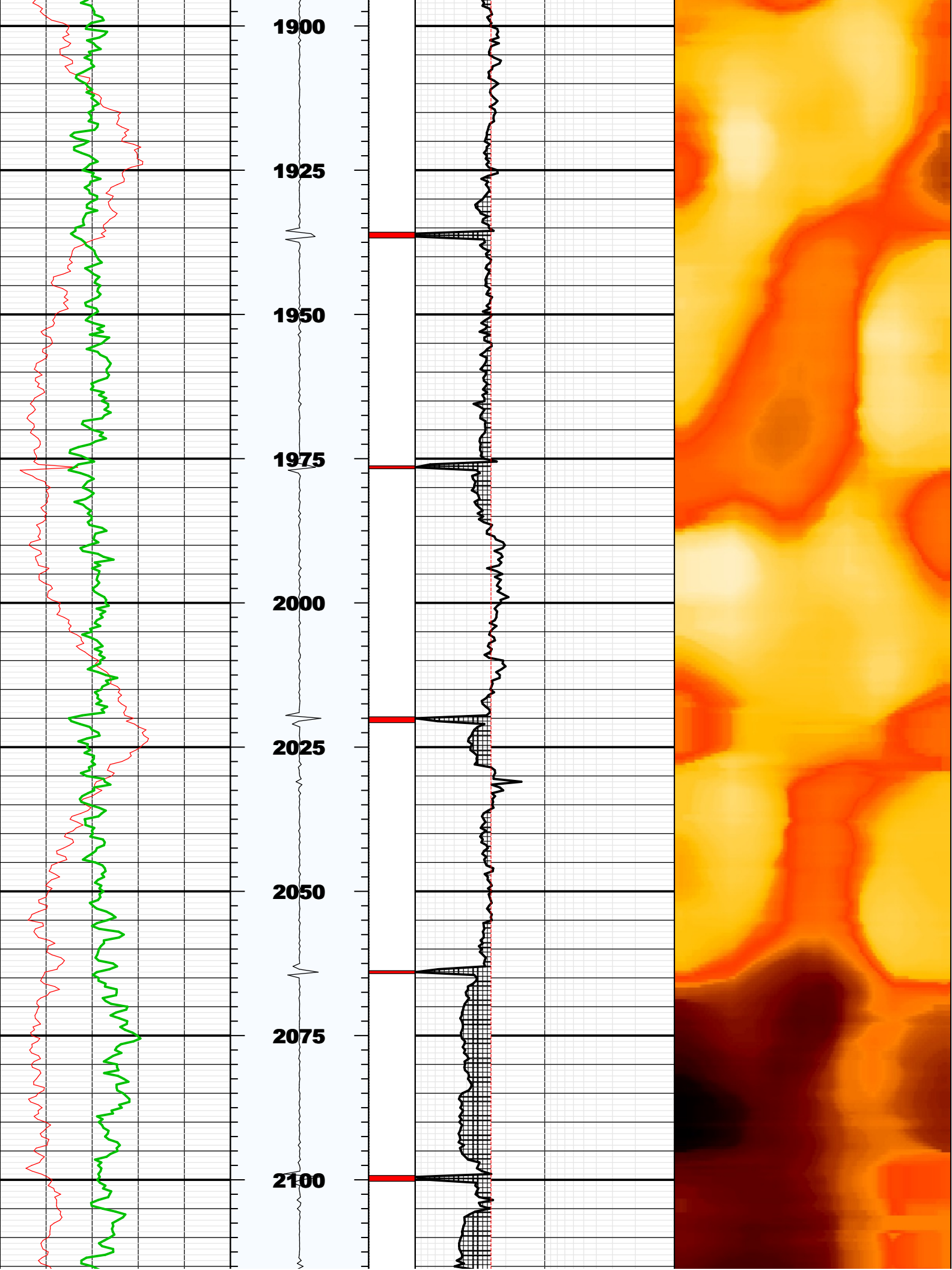


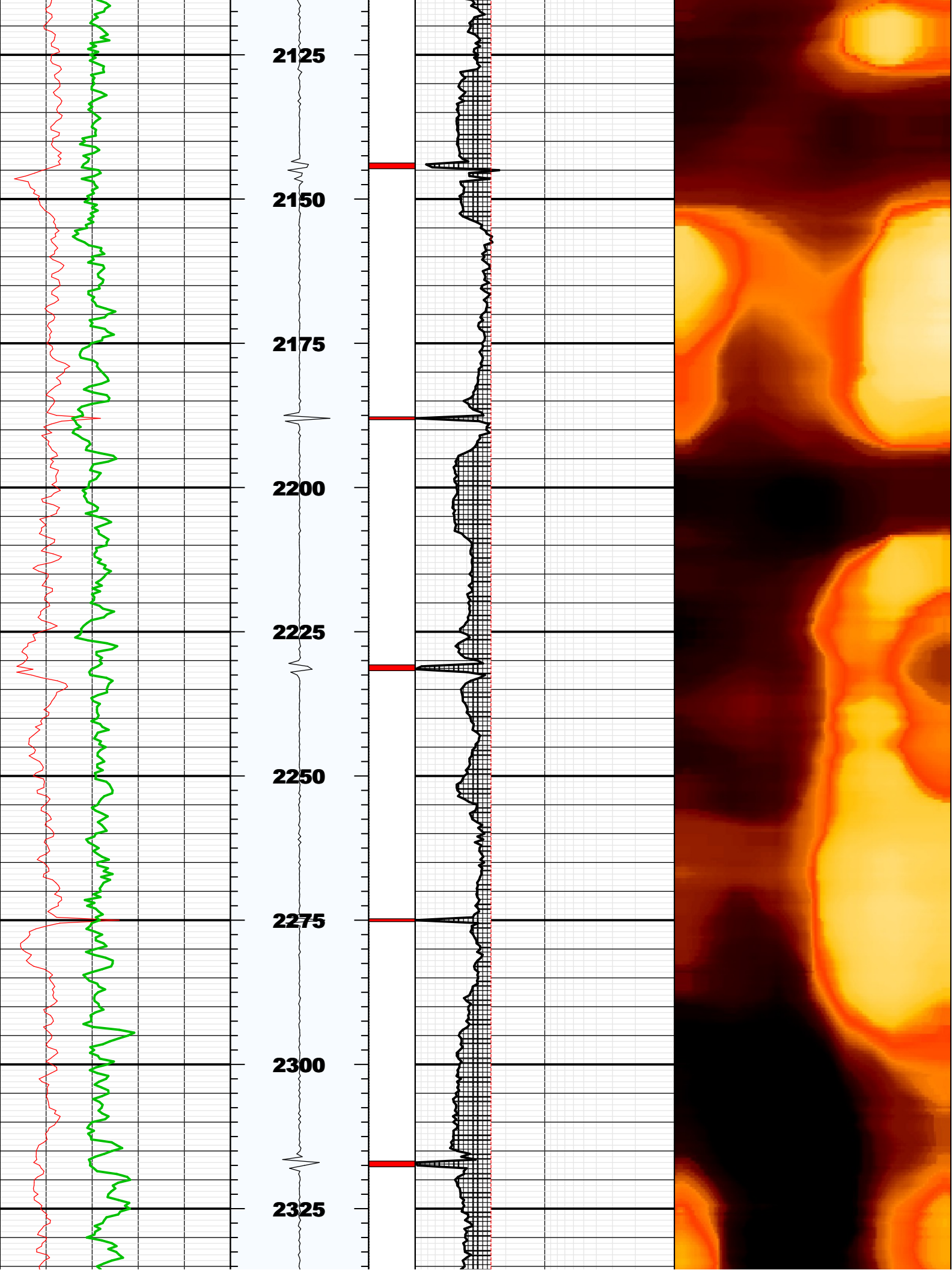


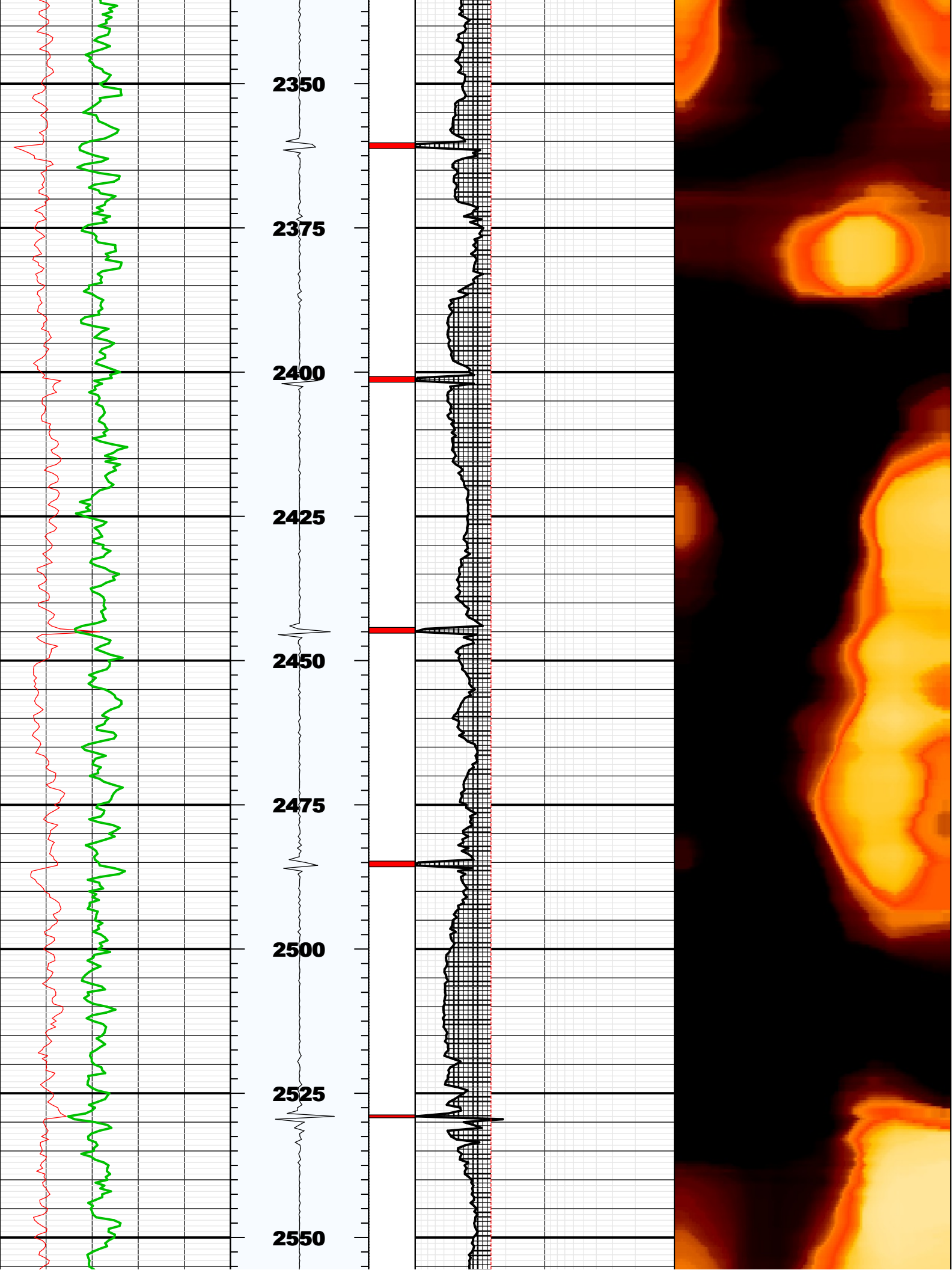


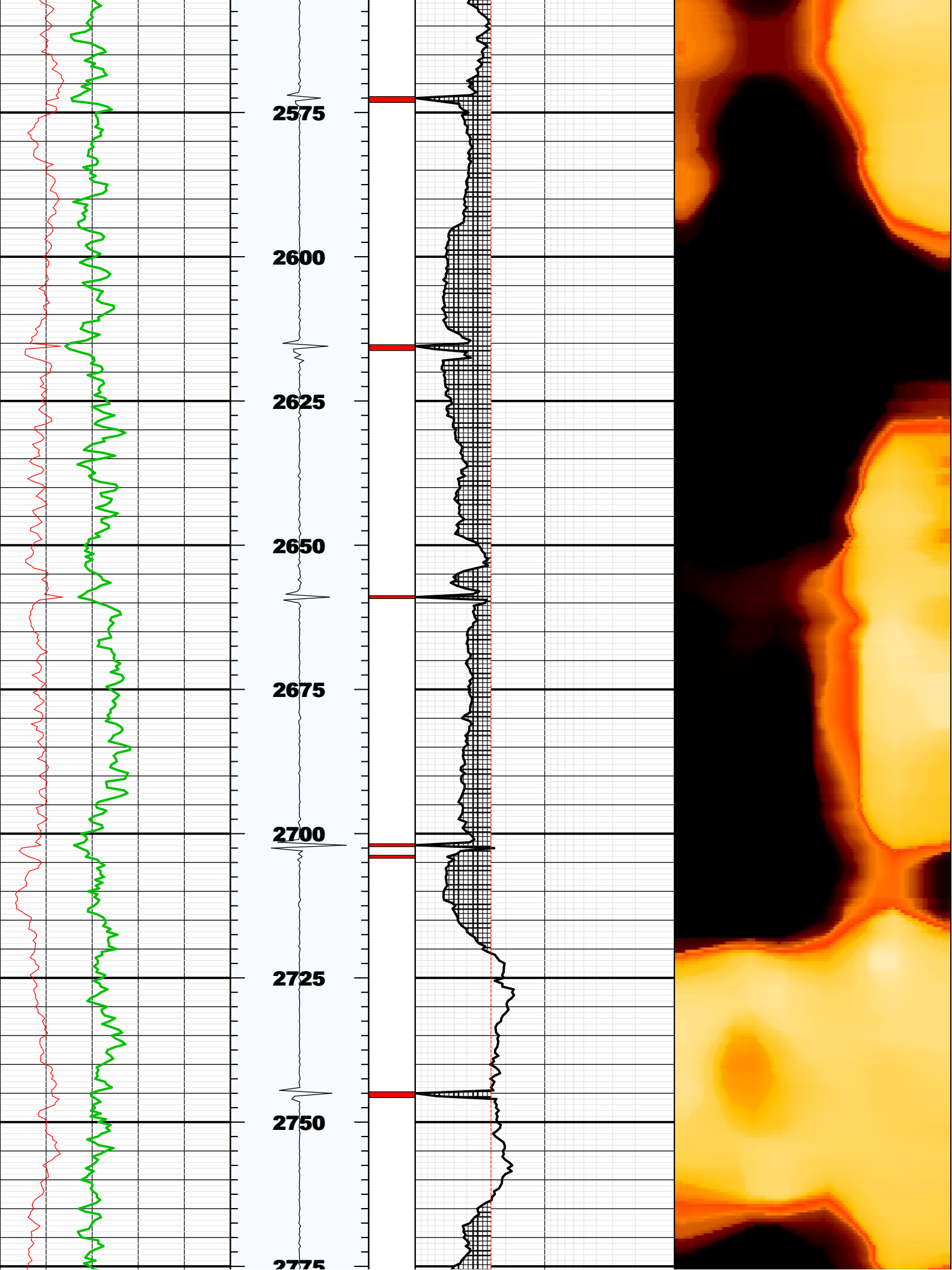


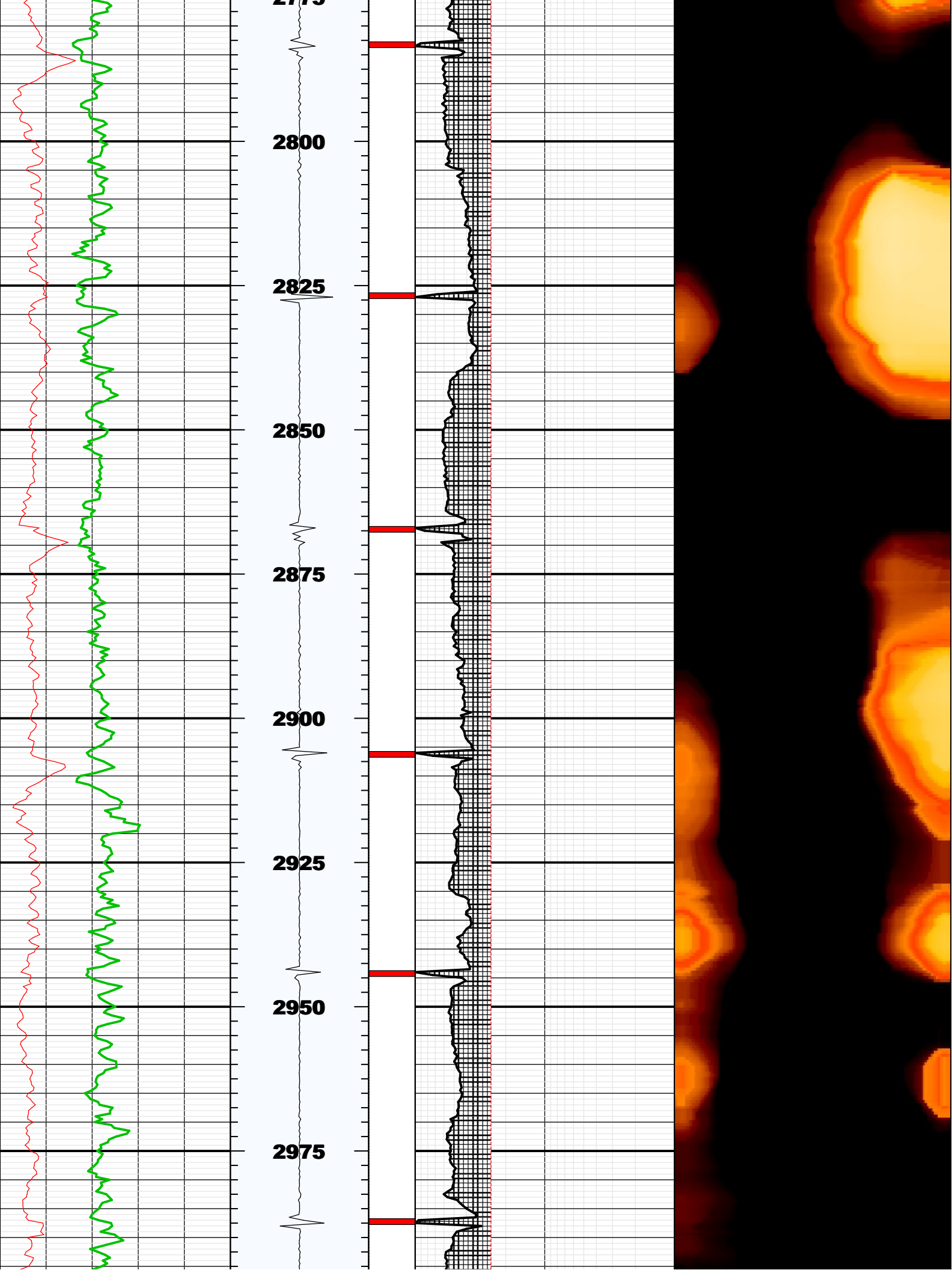


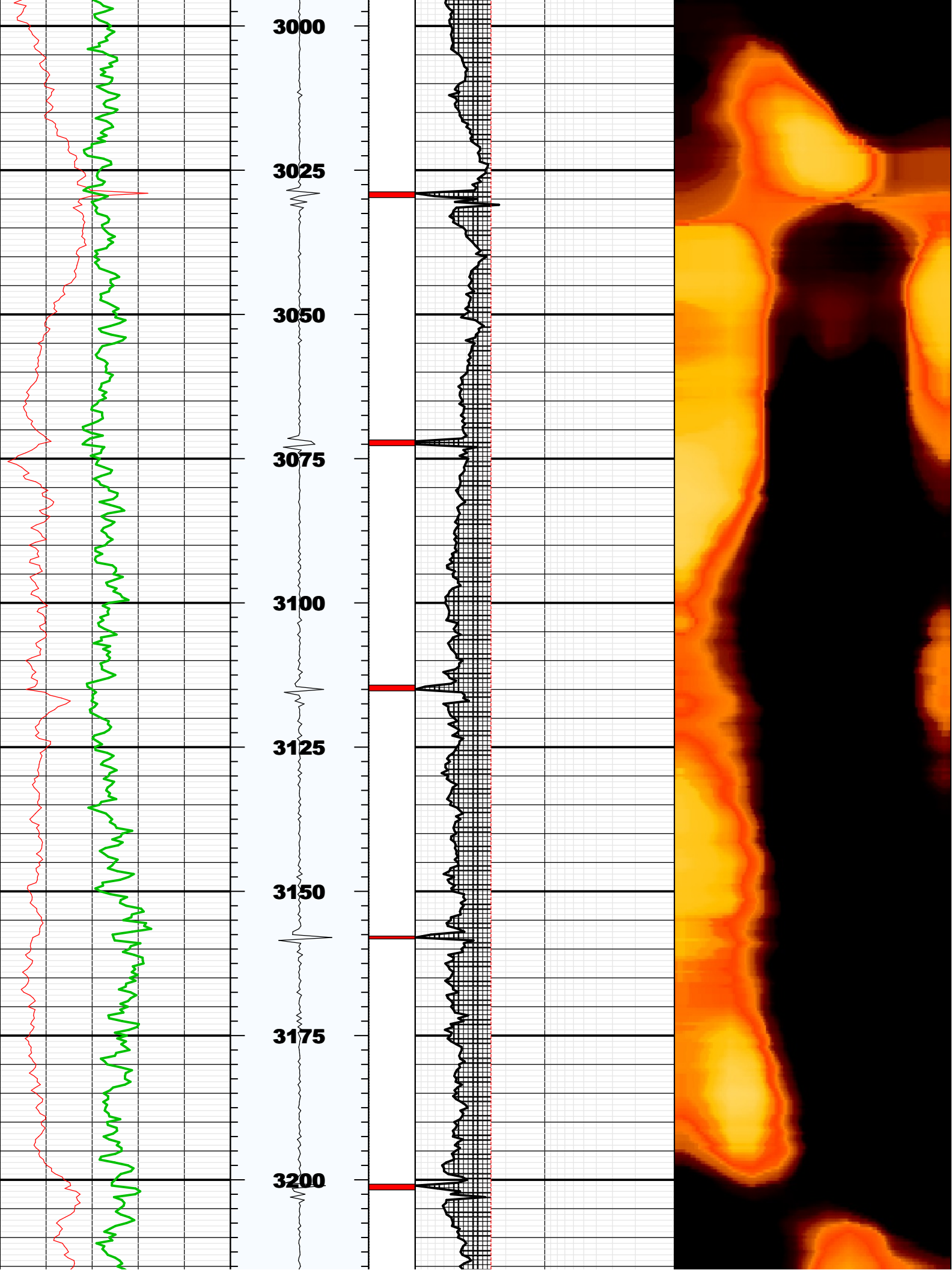


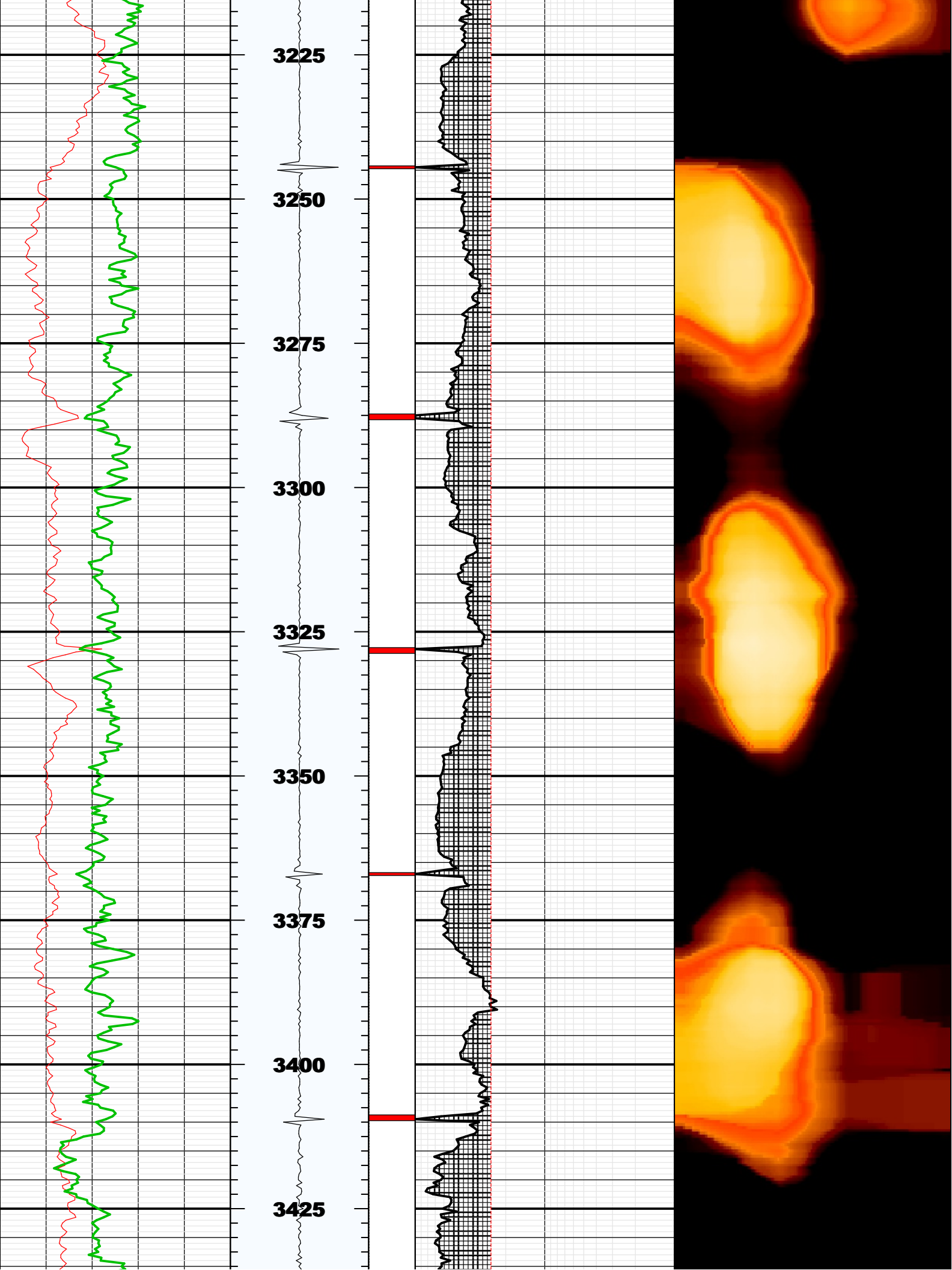


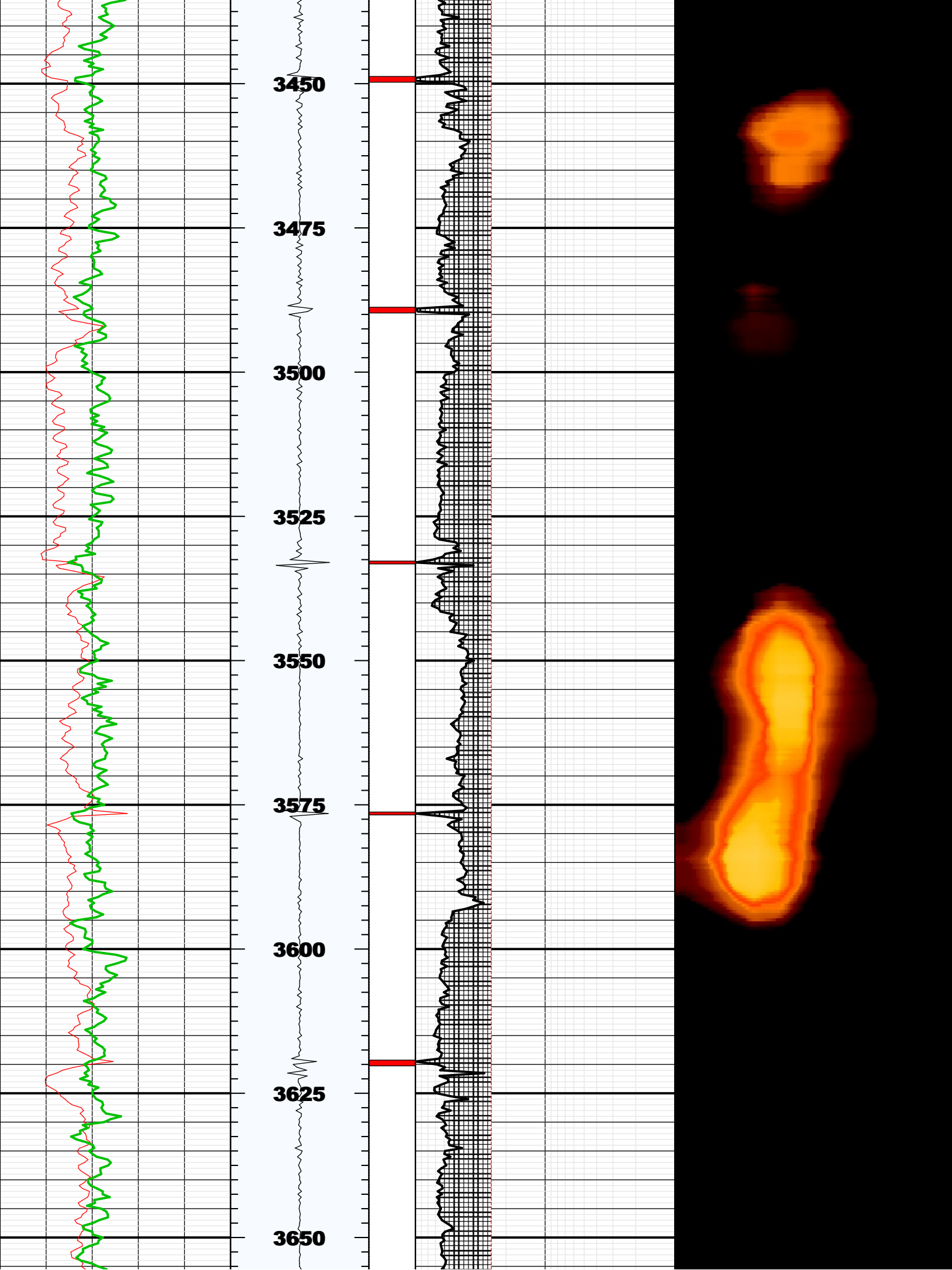


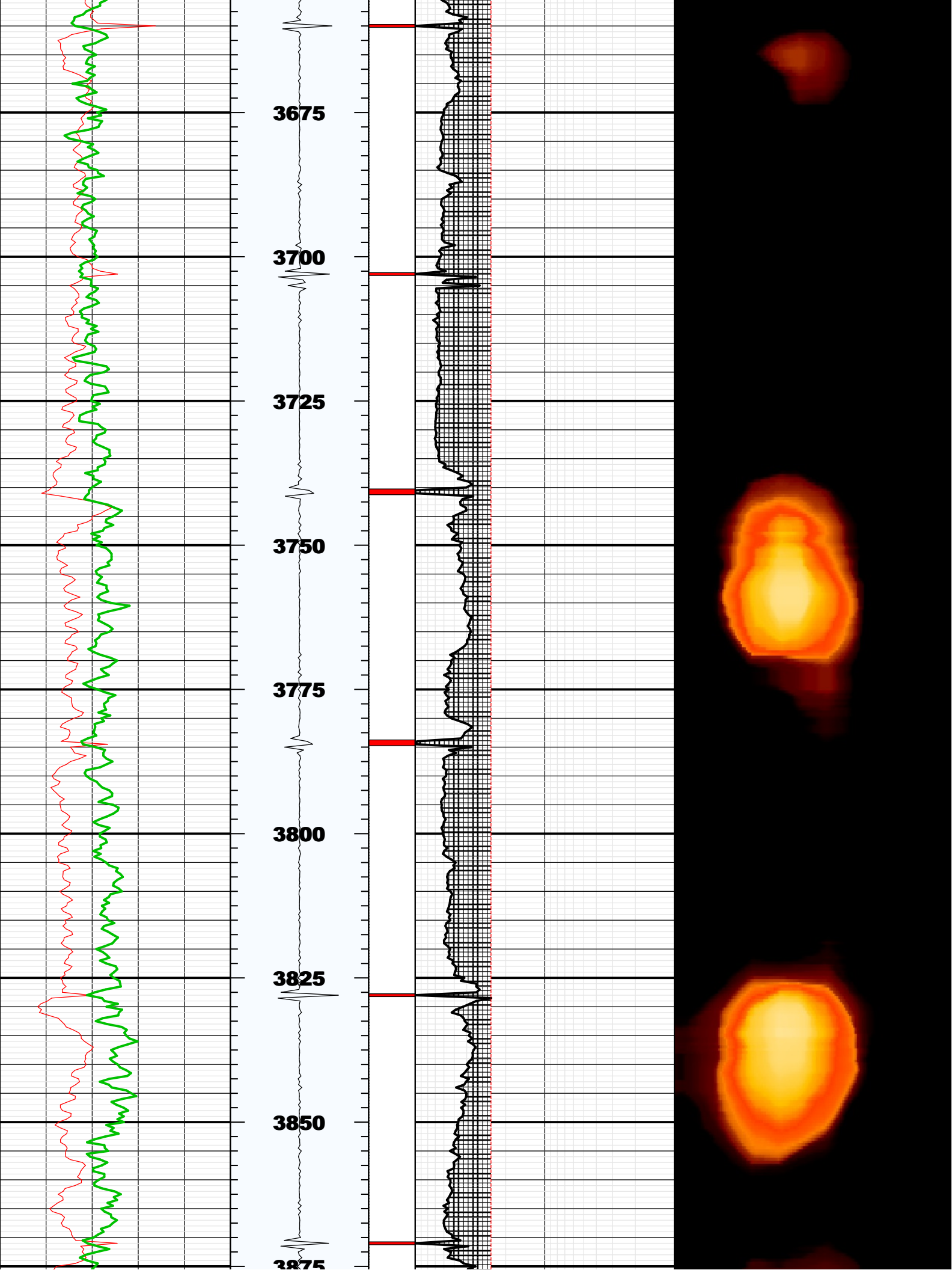


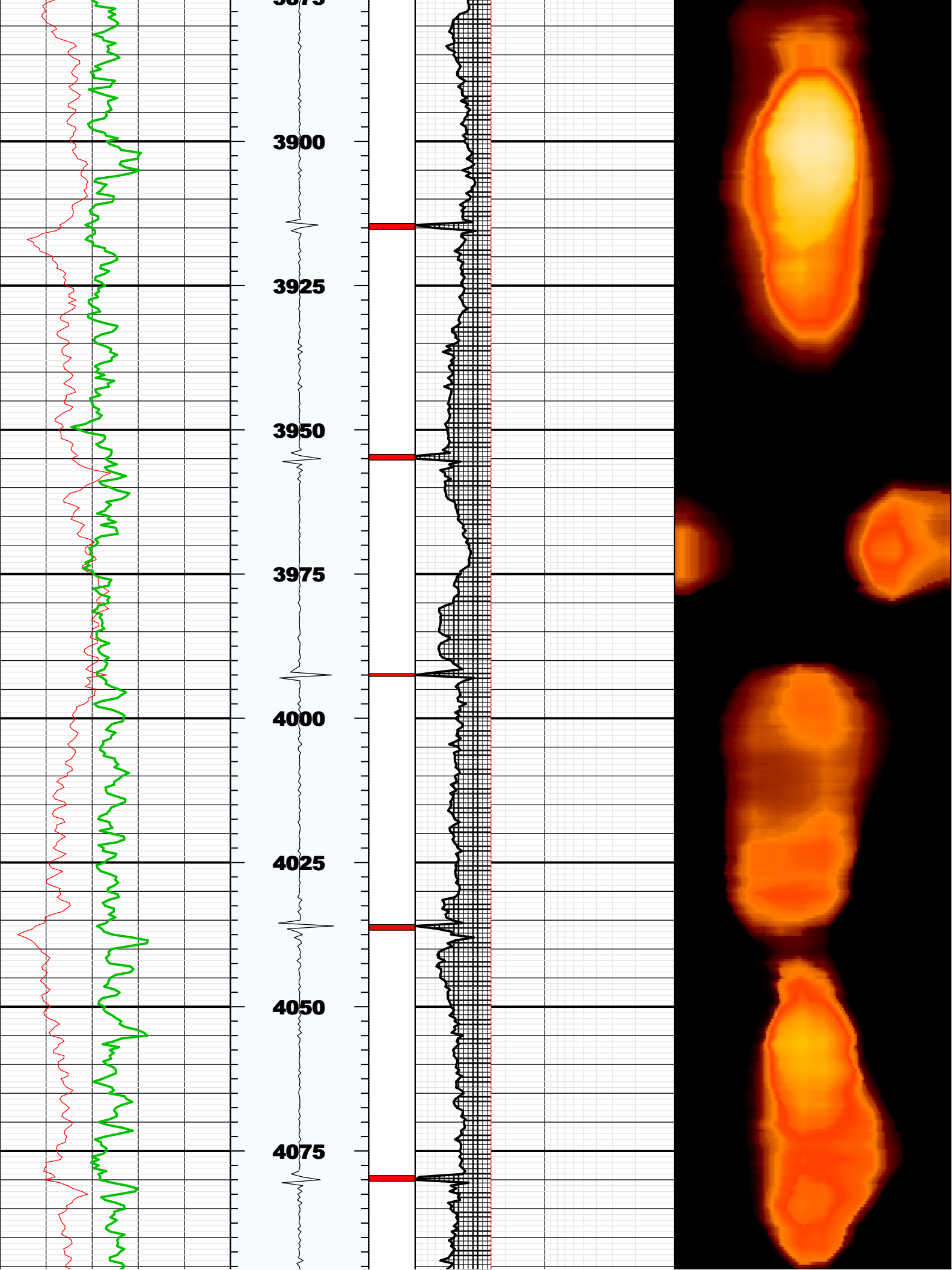


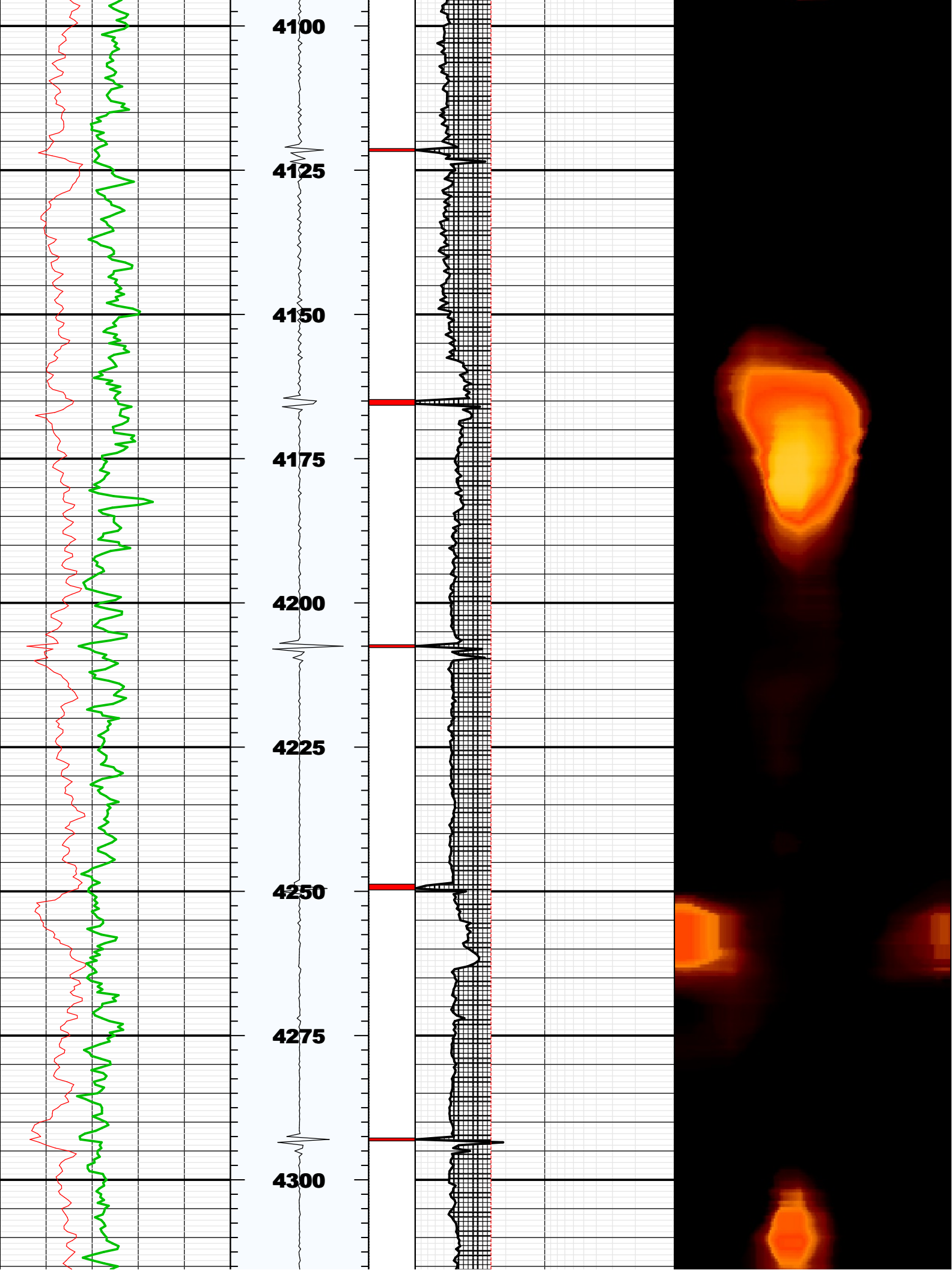


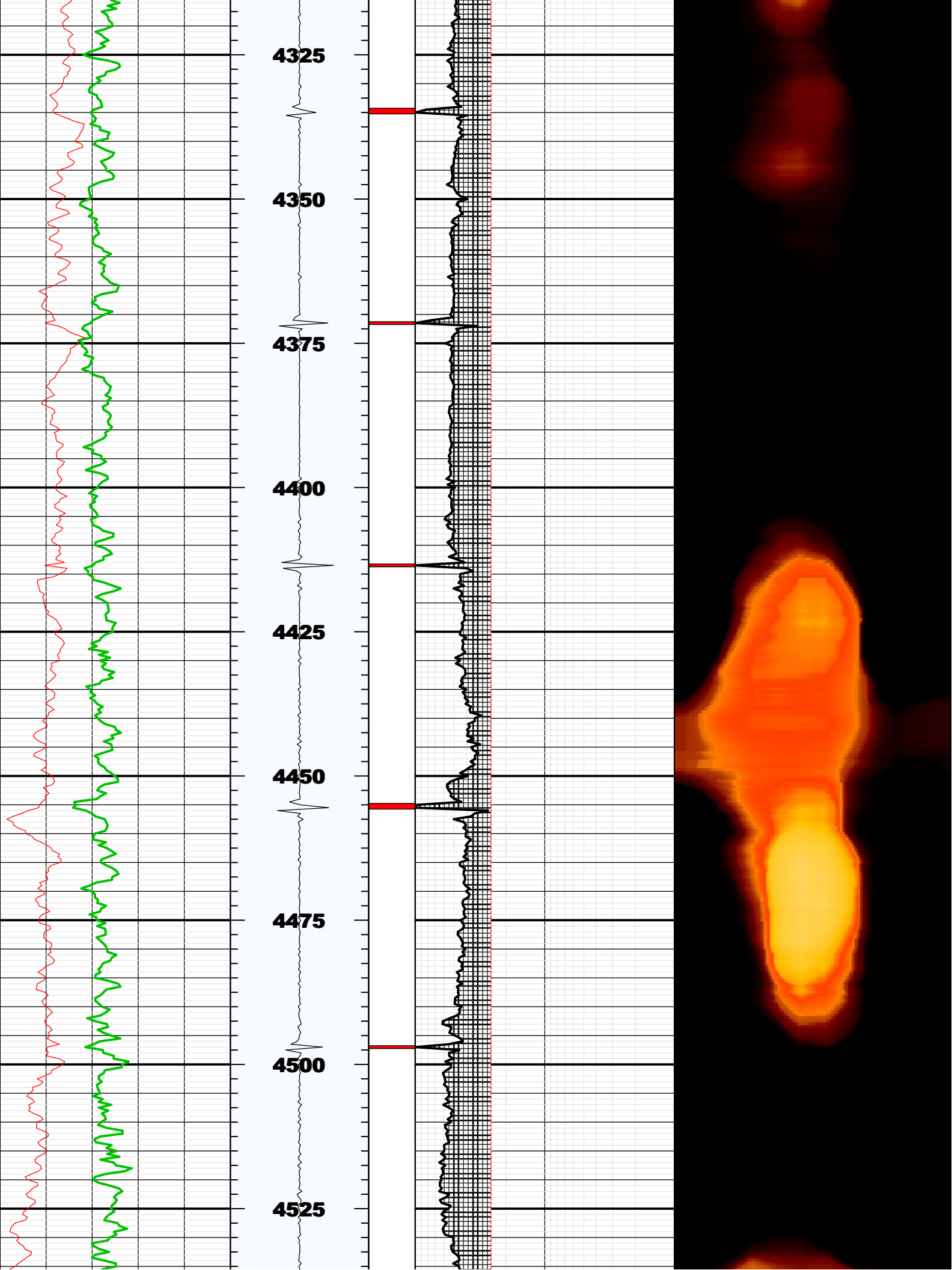


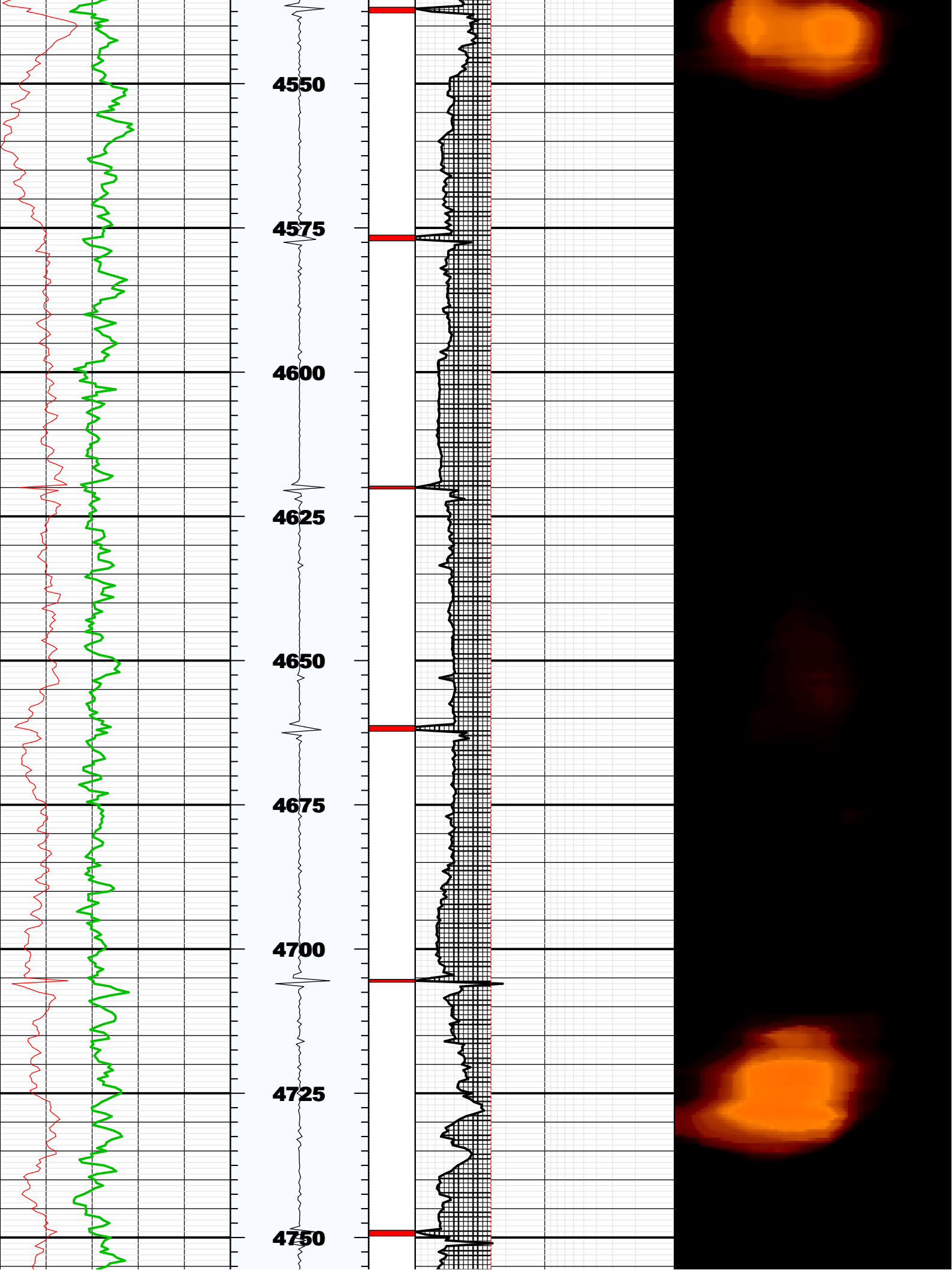


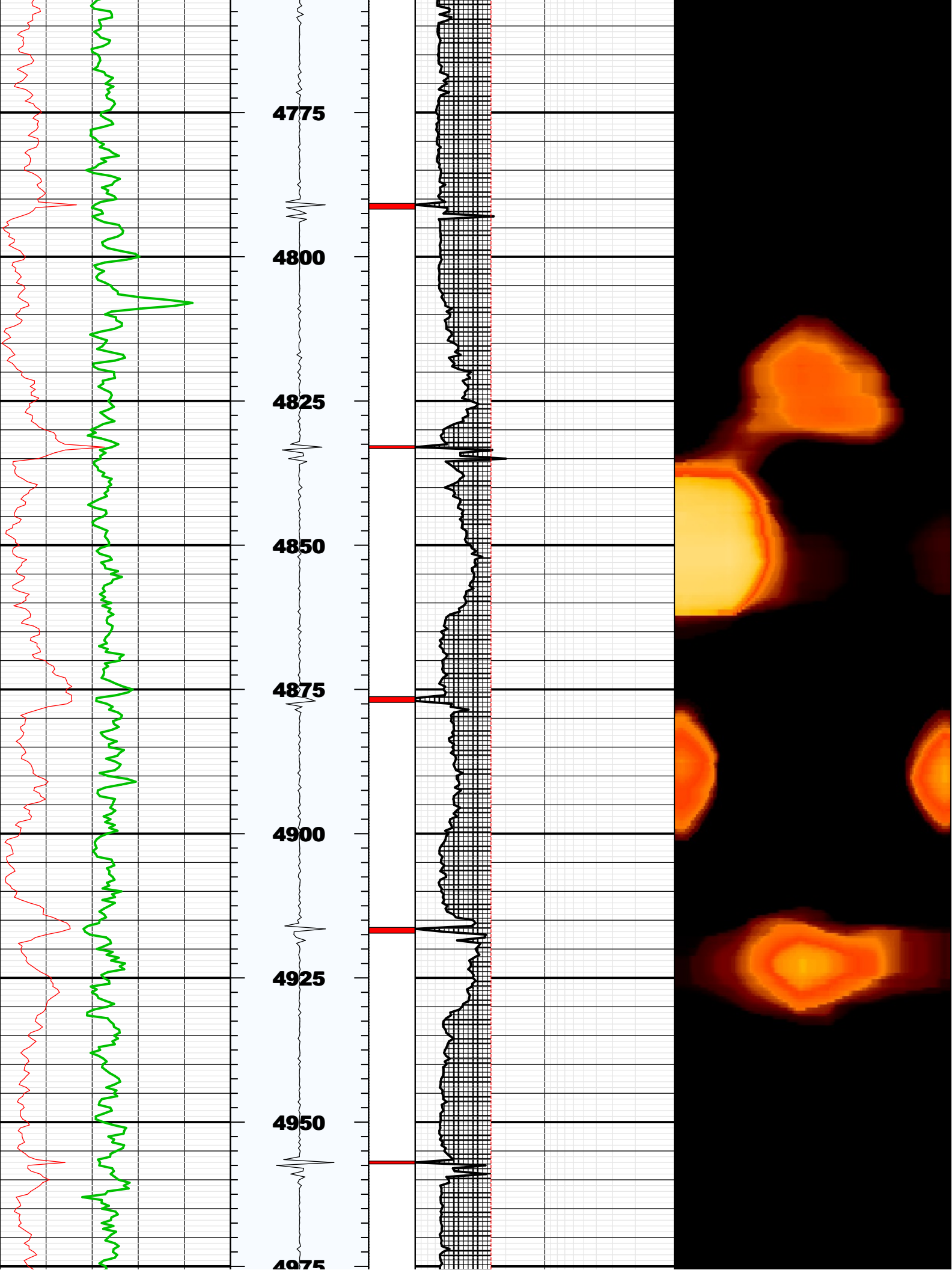


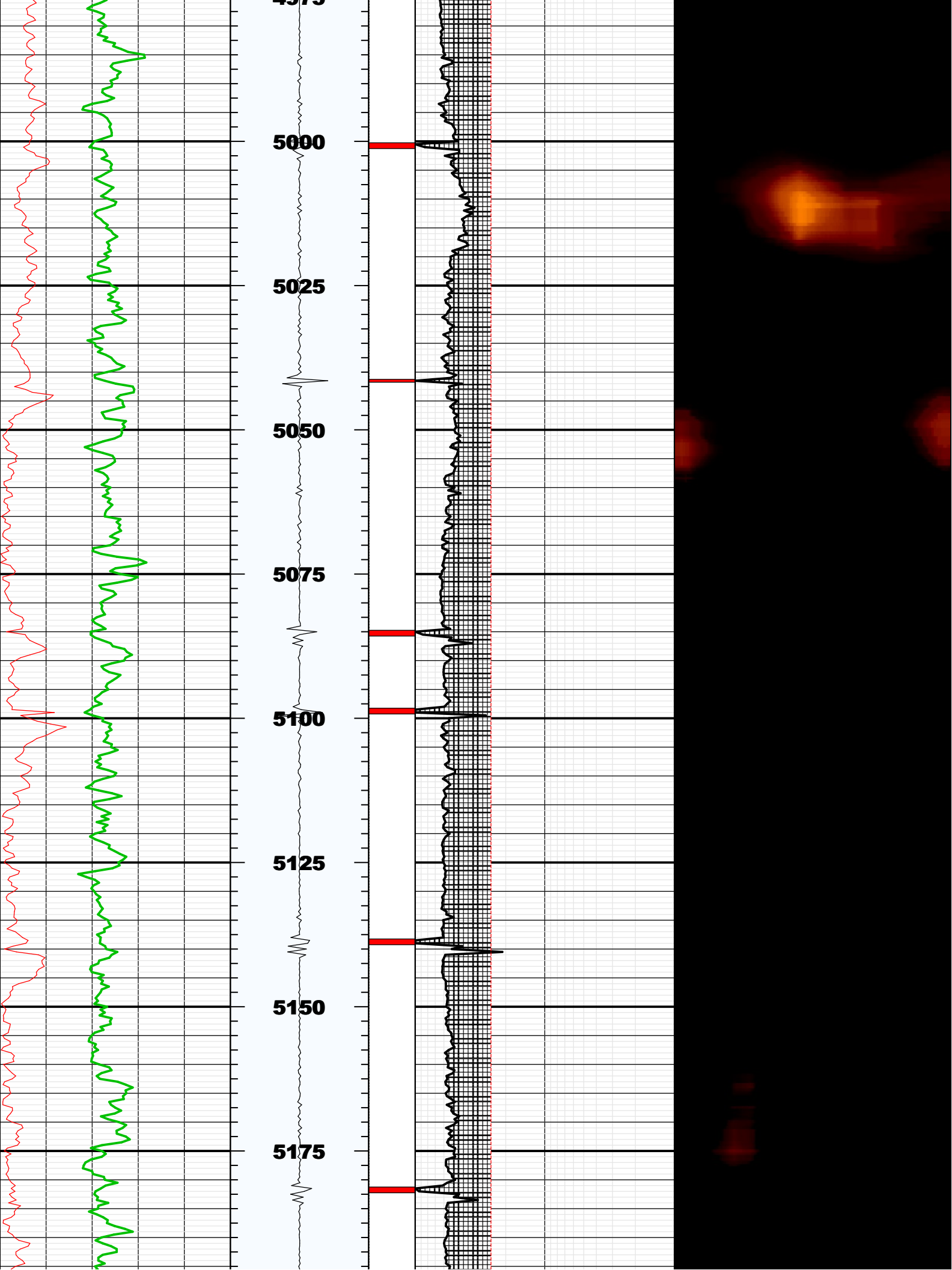


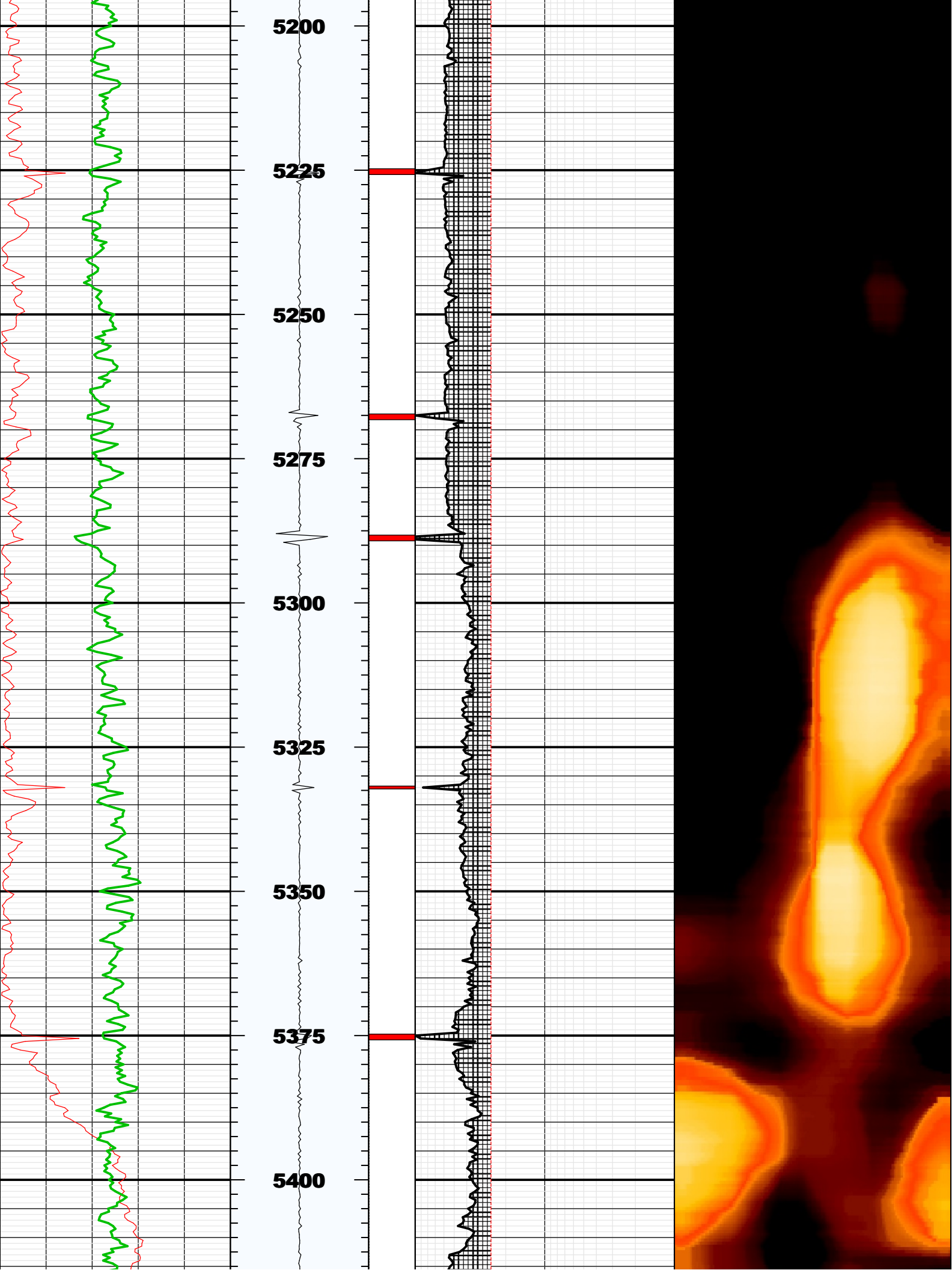


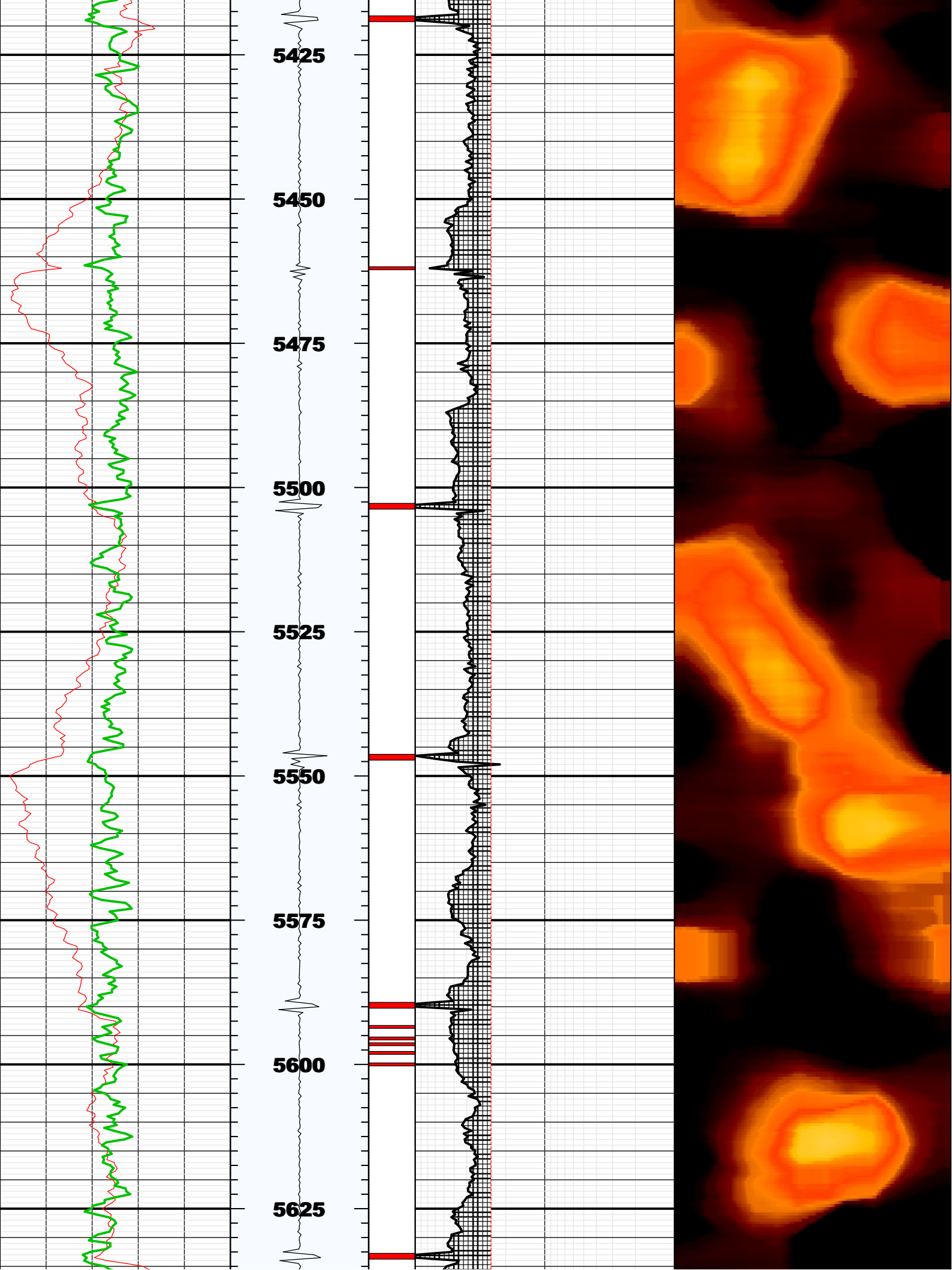


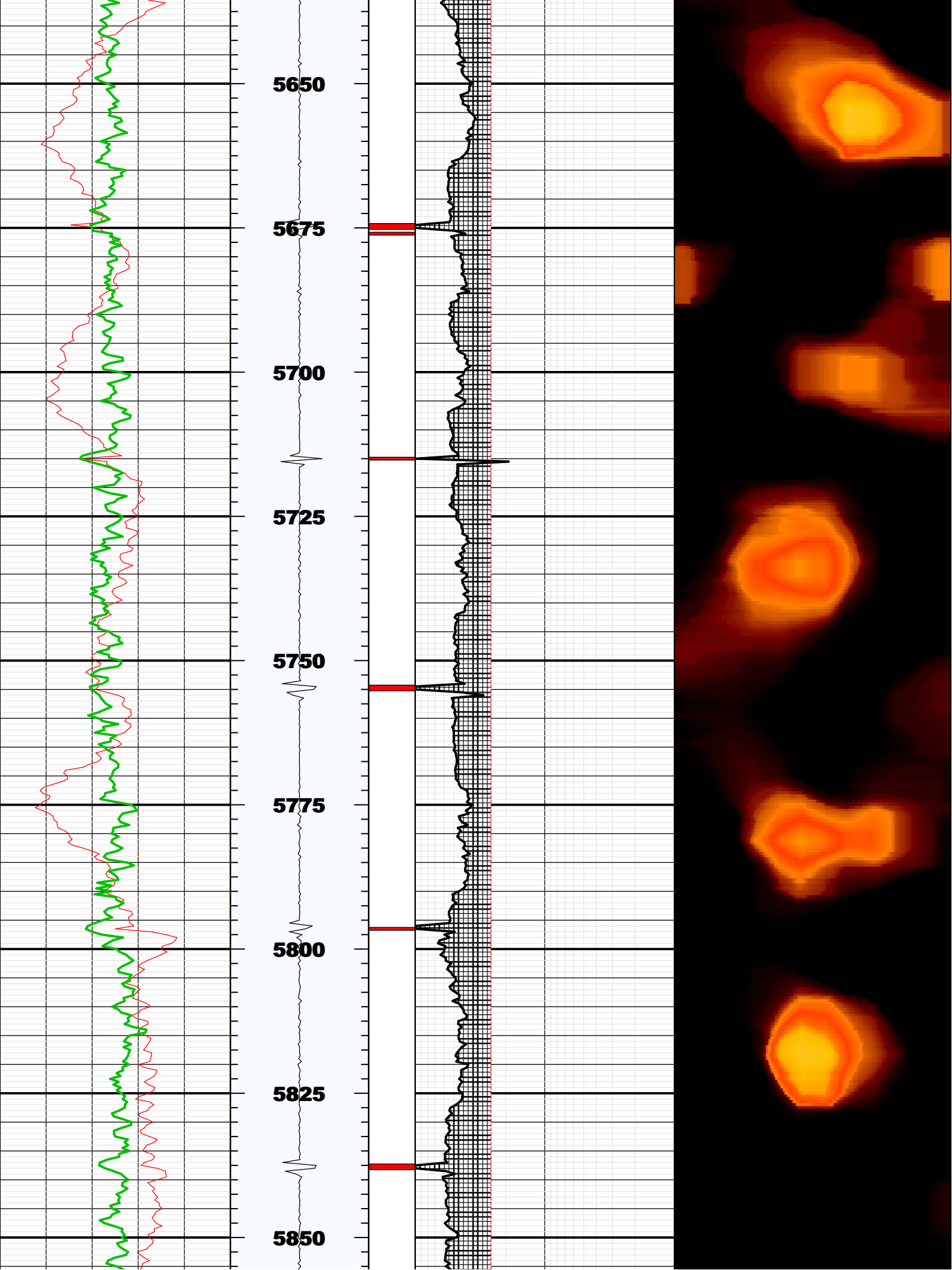


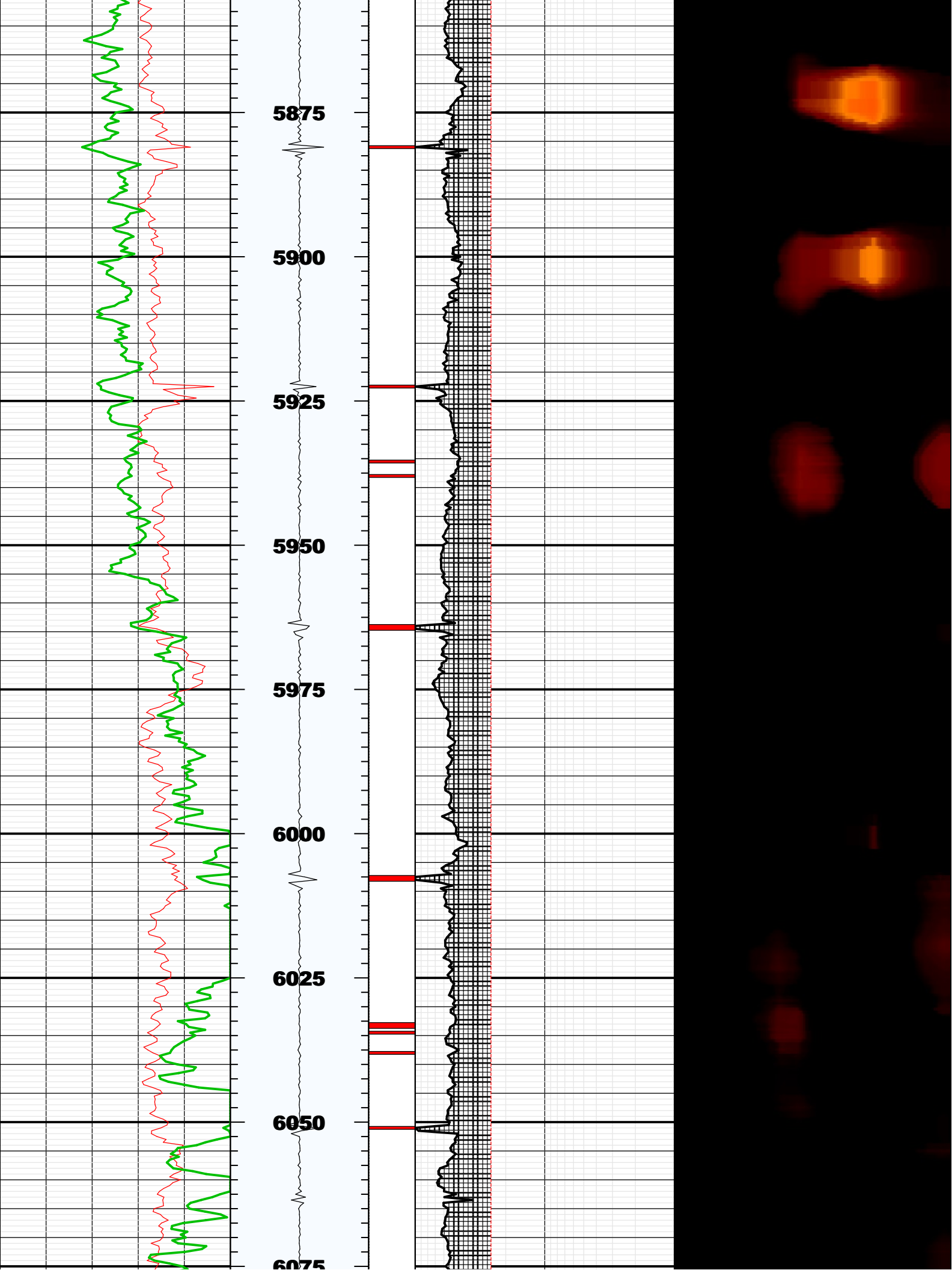


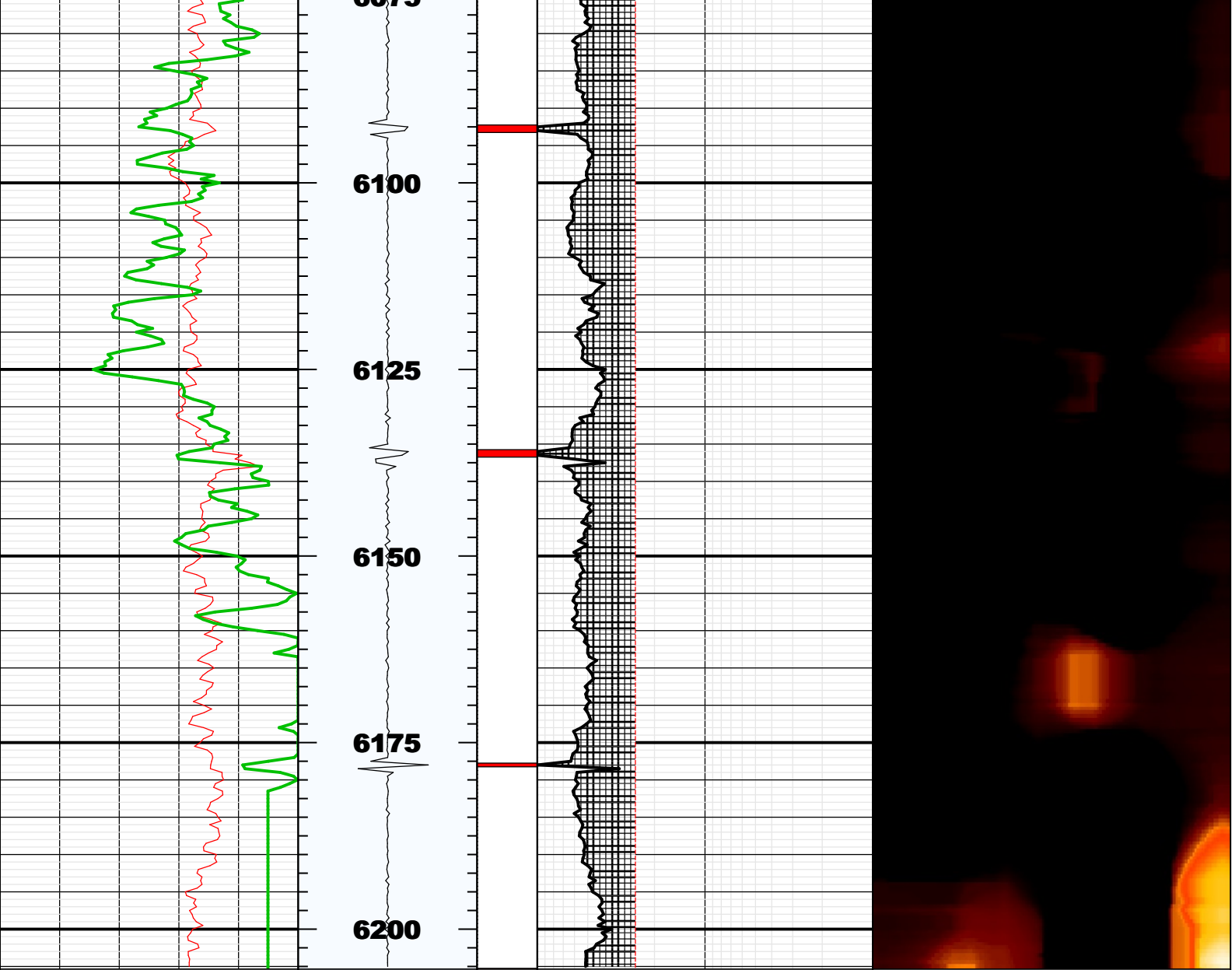








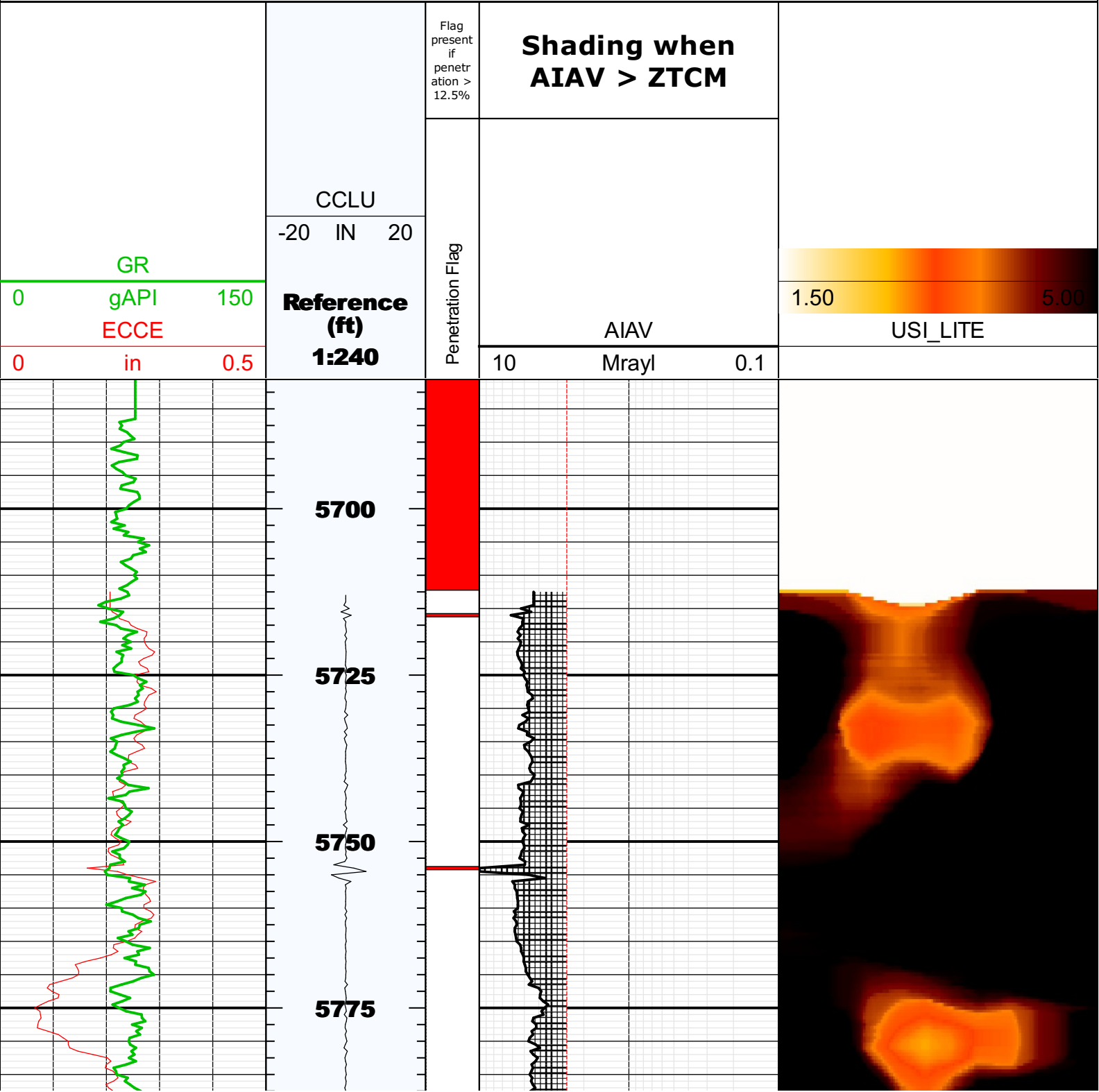


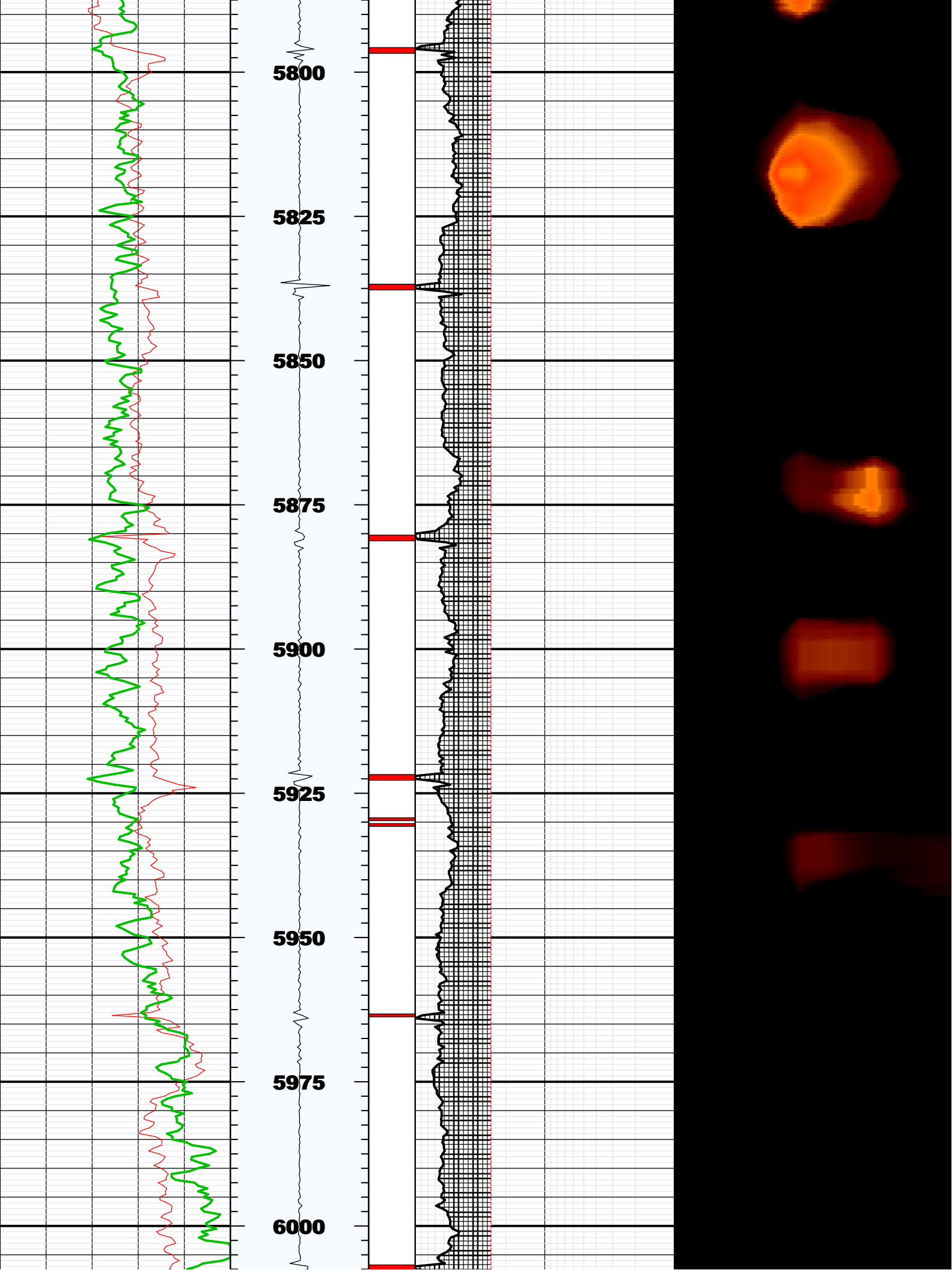


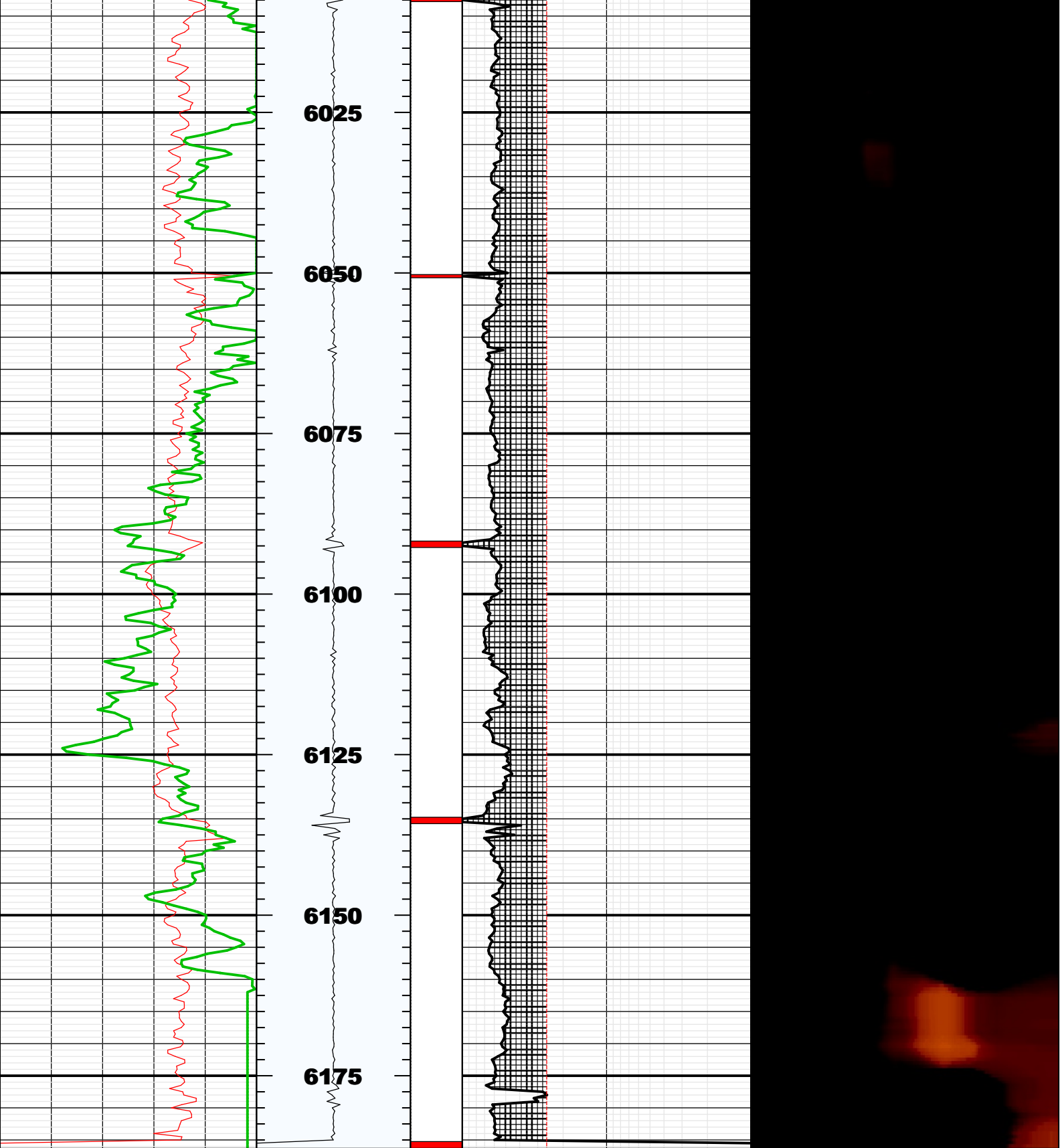
BS	8.75000	IN	Bit Size
CASG	P110		Casing Grade
CDIA	7.00000	IN	Casing Outer Diameter
CSID	6.27600	IN	Casing Inner Diameter
CSIZ	7.00000	IN	Current Casing Size
CWEI	26.00000	LB/F	Casing Weight
DFD	8.40000	LB/G	Drilling Fluid Density
DFVL	190.00000	US/F	Default Fluid Velocity
DO			
DOT	2.87400	IN	Diameter of Transducer Sensor
EMXV	40	V	EMEX Voltage
FDII	0.00000	F	FPM Data Interpolation Interval
FSOD	0_OFF		Fluid Slowness Fits Casing Outer Diameter
LOGMODE			
PP			
STEP	-0.5	F	STEP
THDH	130.00000	%	Maximum Search Thickness (percentage of nominal)
THDL	70.00000	%	Minimum Search Thickness (percentage of nominal)
THDP	Fundamental		Thickness Detection Policy
THNO	0.36200	IN	Nominal Thickness of Casing
TMUC	WRM		Type of Mud
U-USIT_DT3P			
UPAT	375K		Emission Pattern
USUB	7INC		USIT Sub Identifier
UWKM	D603010L		Working Mode
VCAS	51.40000	US/F	Ultrasonic Transversal Velocity in Casing
WINB	30.00000	US	Window Begin Time
WINE	75.00000	US	Window End Time
ZCAS	46.25000	MRAY	Acoustic Impedance of Casing
ZINI	-1.00000	MRAY	Initial Estimate of Cement Impedance
ZMUD	1.48000	MRAY	Acoustic Impedance of Mud
ZTCM	2.60000	MRAY	Acoustic Impedance Threshold for Cement
ZTGS	0.30000	MRAY	Acoustic Impedance Threshold for Gas
WLEN	22.50350	US	T [^] 3 Processing Length

Repeat Pass

Company: Noble Energy Inc.
Well: Jessica LC27-785
Field: WILDCAT







Fluid Properties Used for Main Pass

