

Company: Noble Energy Inc

Well: Lynn LC35-750  
Field: Wildcat  
County: Weld

State: Colorado

County: Weld							
Field: Wildcat							
Location: NENW Sec.35 T9N R59W							
Well: Lynn LC35-750							
Company: Noble Energy Inc							
USI-LITE	LOCATION		Permanent Datum: Log Measured From: Drilling Measured From:  GL KB KB	Elev: K.B. 4837.0 F G.L. 4813.0 F D.F. 4836.0 F			
	API Serial No. 05-123-40663				Section 35	Township 9N	Range 59W
	Logging Date 05-Feb-2016				Run 1		
	Run Number				6311.0 F		
	Depth Driller				6311.0 F		
	Schlumberger Depth				5877.0 F		
	Bottom Log Interval				24.0 F		
	Top Log Interval				0.0 F		
	Casing Fluid Level						
	Salinity						
Density		8.40 LB/G					
Fluid Level		0.0 F					
BIT/CASING/TUBING STRING							
Bit Size		8.750 IN					
From		622.0 F					
To		6311.0 F					
Casing Size		7.00 IN					
Weight		26.00 LB/F					
Grade		P110					
From		0.0 F					
To		6301.0 F					
Max Recorded Temp		218.0					
Logger on bottom (date)		05-Feb-2016					
Location		Fl. Morgan CO					
Recorded By		Aleksai Bekhterev					
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: Calibration Date: Calibrator Serial Number: Number Of Calibration Points: Calibration RMS: Calibration Peak Error:	Serial Number: Length: 24000.00000

DISCLAIMER

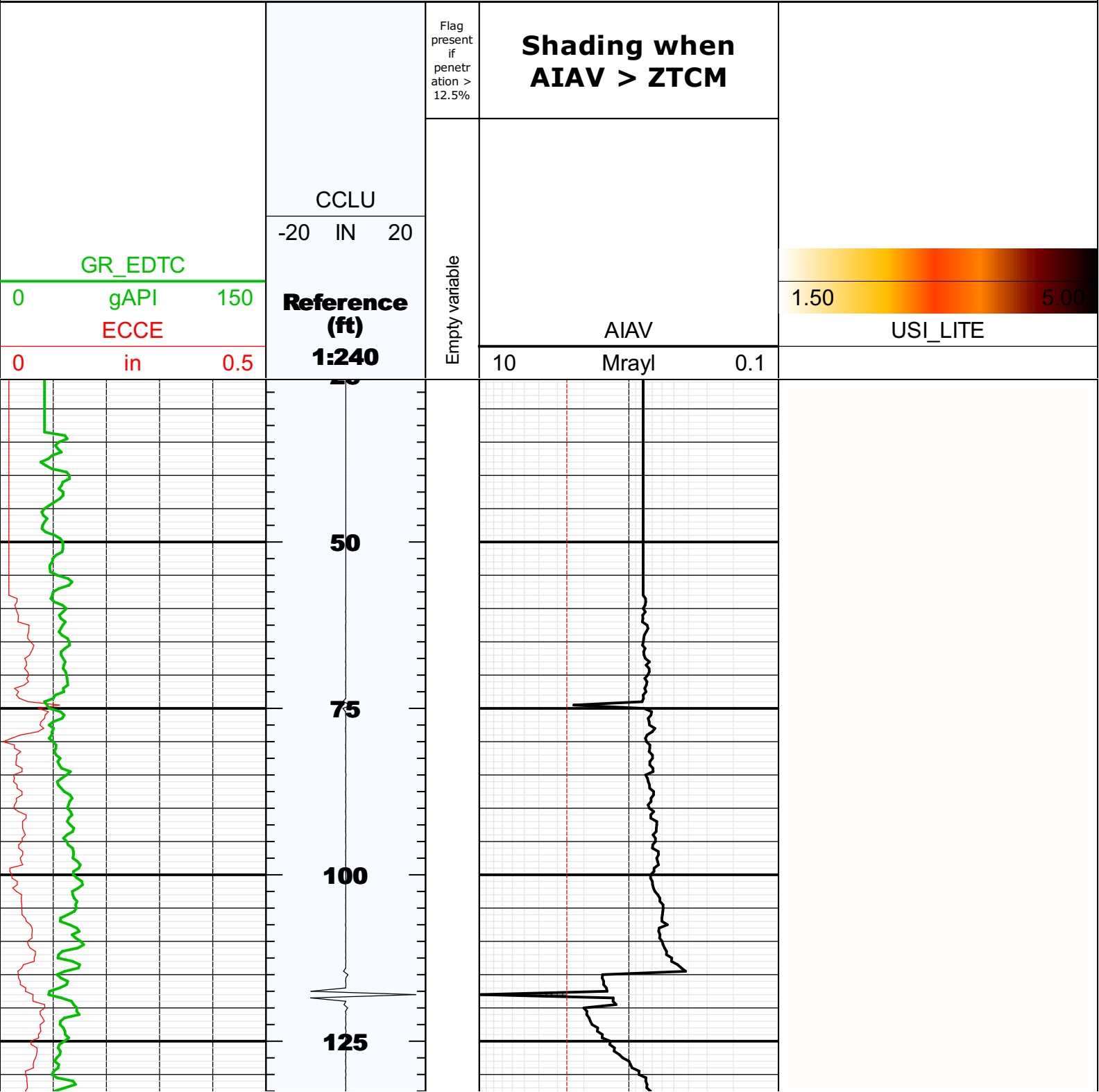
THE USE OF AND RELIANCE UPON THIS RECORDED-DATA BY HEREIN NAMED COMPANY (AND ANY OF ITS AFFILIATES, PARTNERS, REPRESENTATIVES, AGENTS, CONSULTANTS AND EMPLOYEES) IS SUBJECT TO THE TERMS AND CONDITIONS AGREED UPON BETWEEN SCHLUMBERGER AND THE COMPANY, INCLUDING: (a) RESTRICTIIONS ON USE OF THE RECORDED-DATA (b) DISCLAIMERS AND WAIVERS OF WARRANTIES AND REPRESENTATIONS REGARDING COMPANY'S USE OF ANR RELIANCE UPN THE RECORDED-DATA; AND (c)CUSTOMER'S FULL AND SOLE RESPONSIBILITY FOR ANY INFERENCE DRAWN OR DECISIONS MADE IN CONNECTION WITH THE USE OF THIS RECORDED-DATA

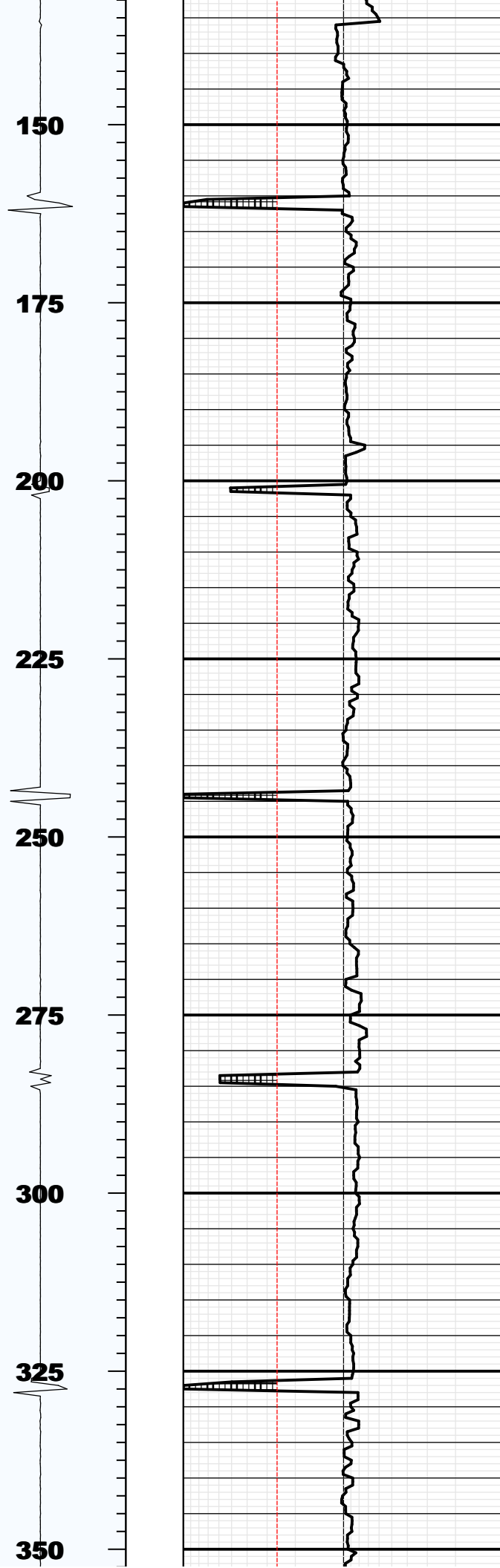
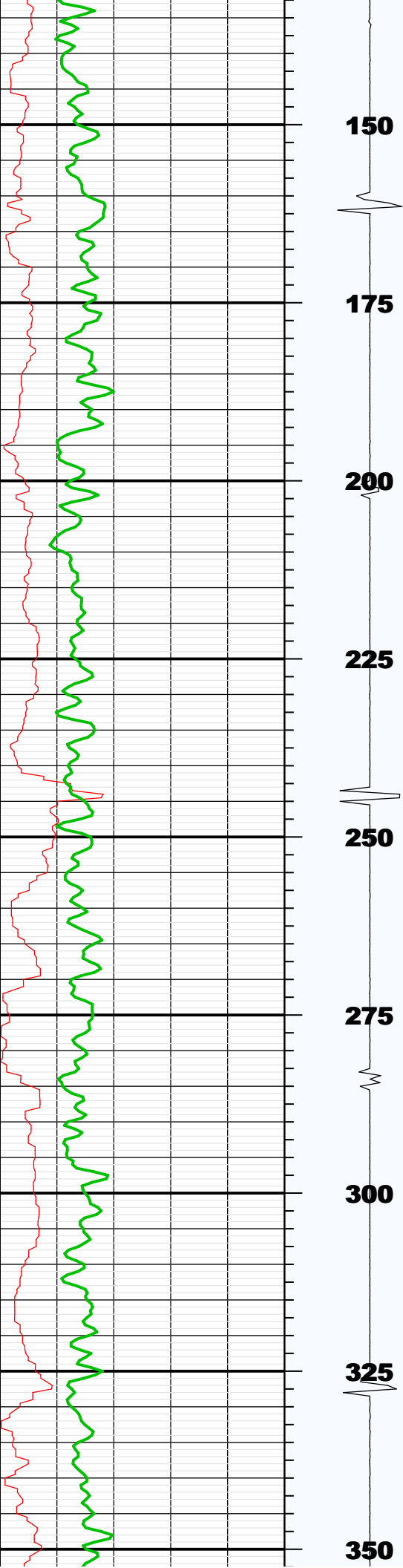
Toolstring ran as per tool sketch  
15.8 ppg tail slurry 12 ppg lead slurry  
Repeat pass is done with 0 psi  
Main pass is done with 2500 psi  
Temperature at the bottom 218 degF  
Top of cement 780 ft  
Log started from no-go point 5877 ft. Data adversely affected by deviation on bottom

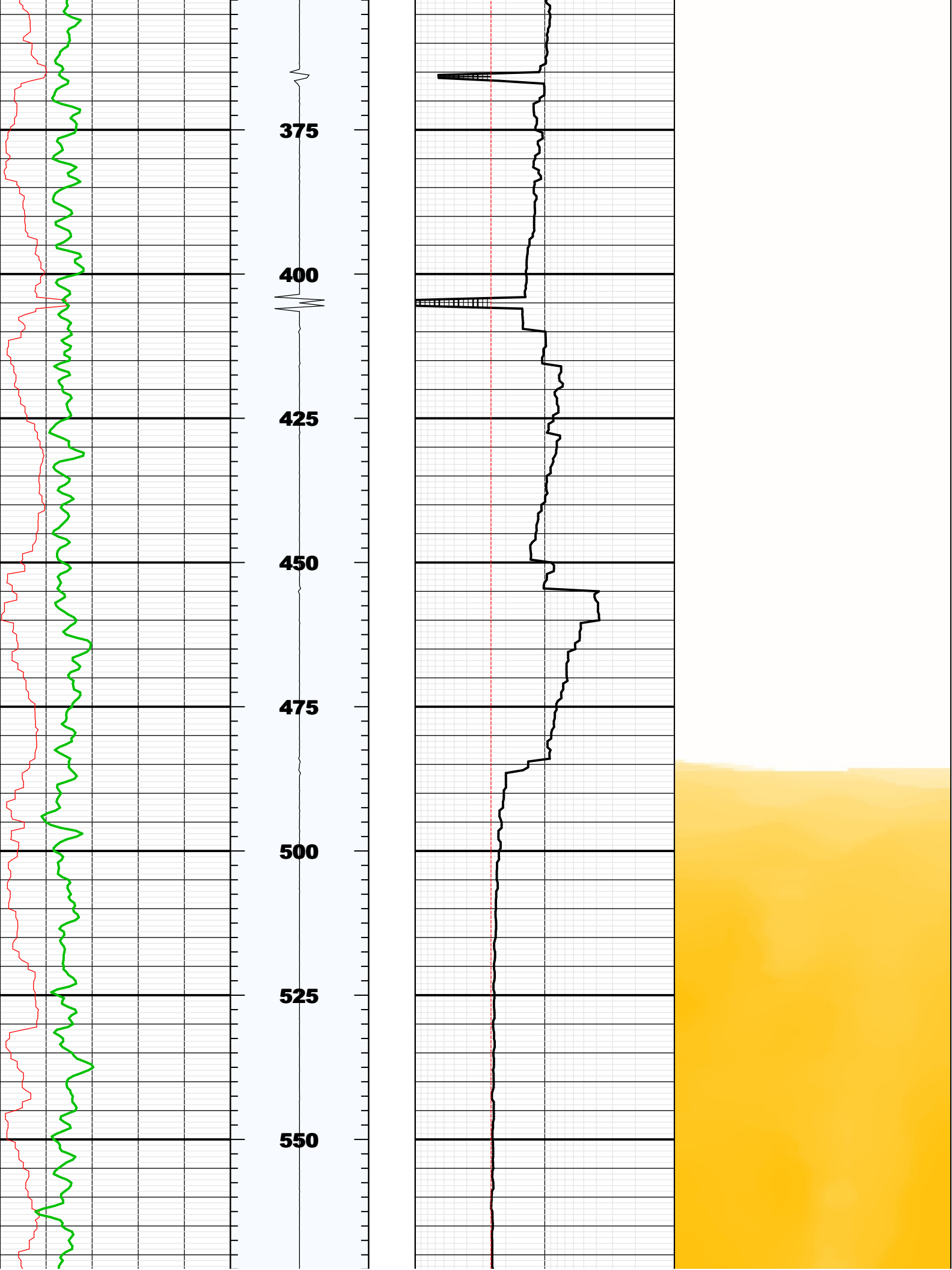
Crew Derrick Hunter Ian Derry  
Thank you for choosing Schlumberger Wireline!

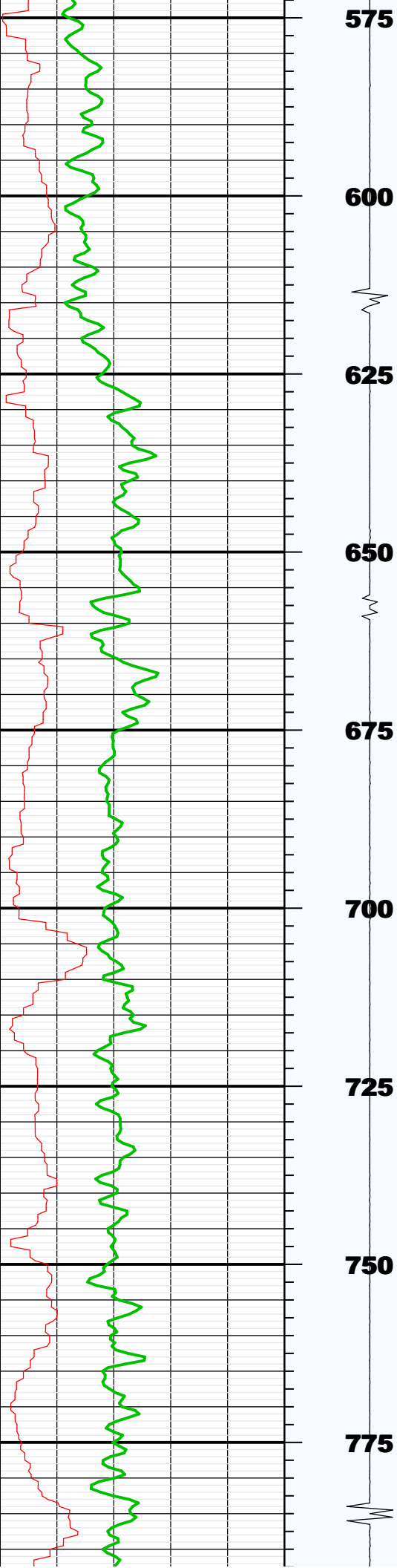
Main Pass

Company: Noble Energy Inc  
Well: Lynn LC35-750  
Field: Wildcat









575

600

625

650

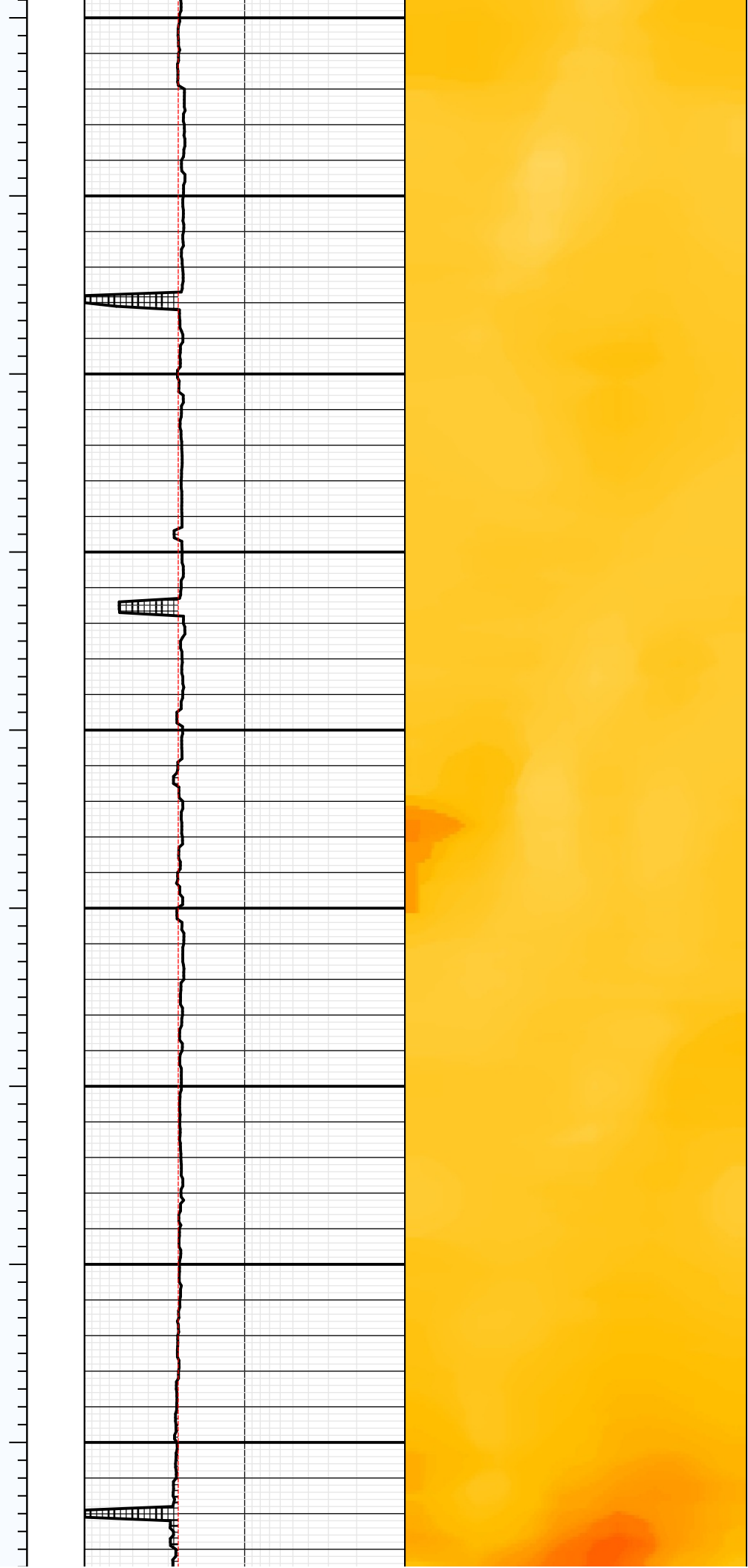
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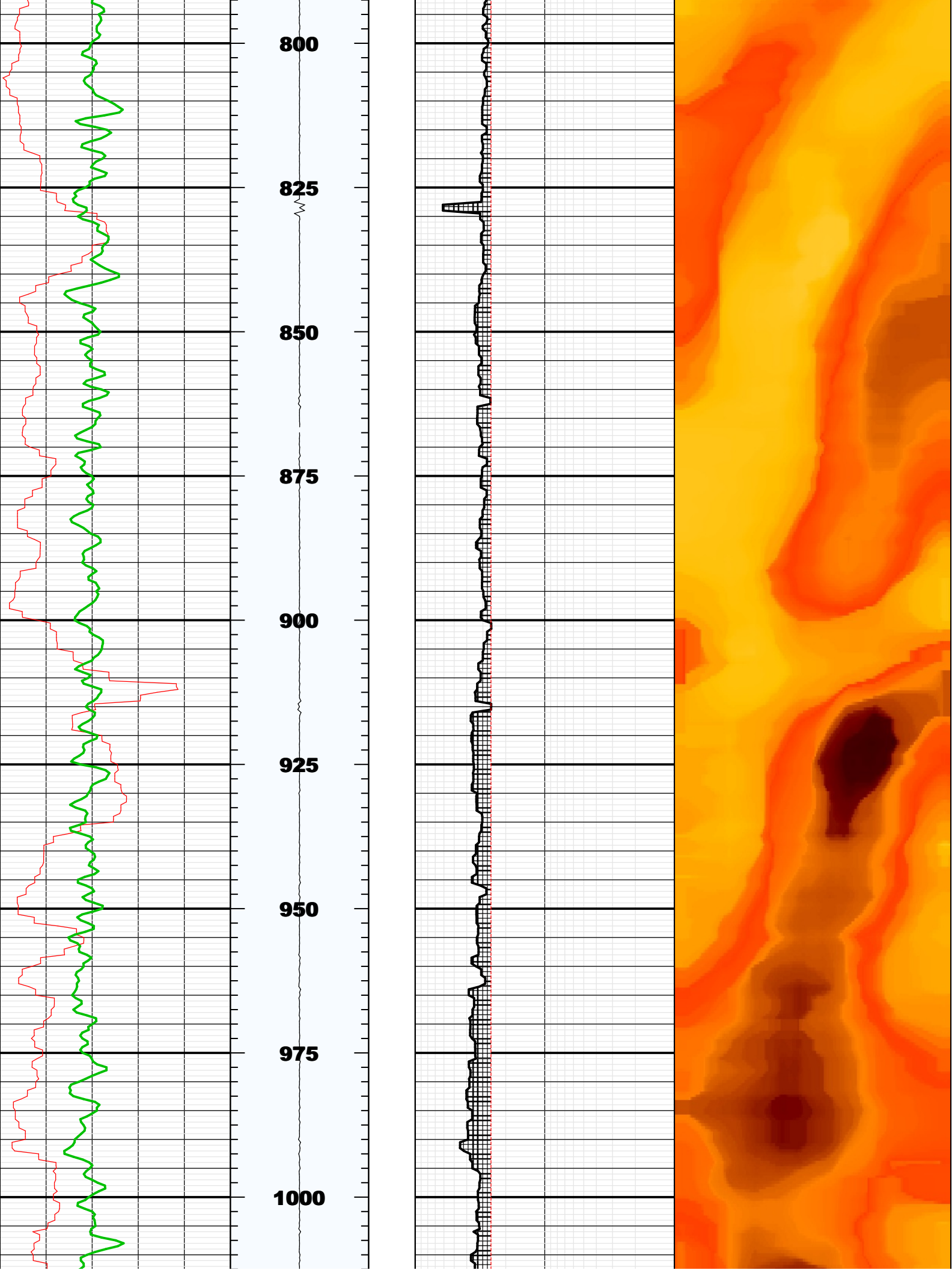
700

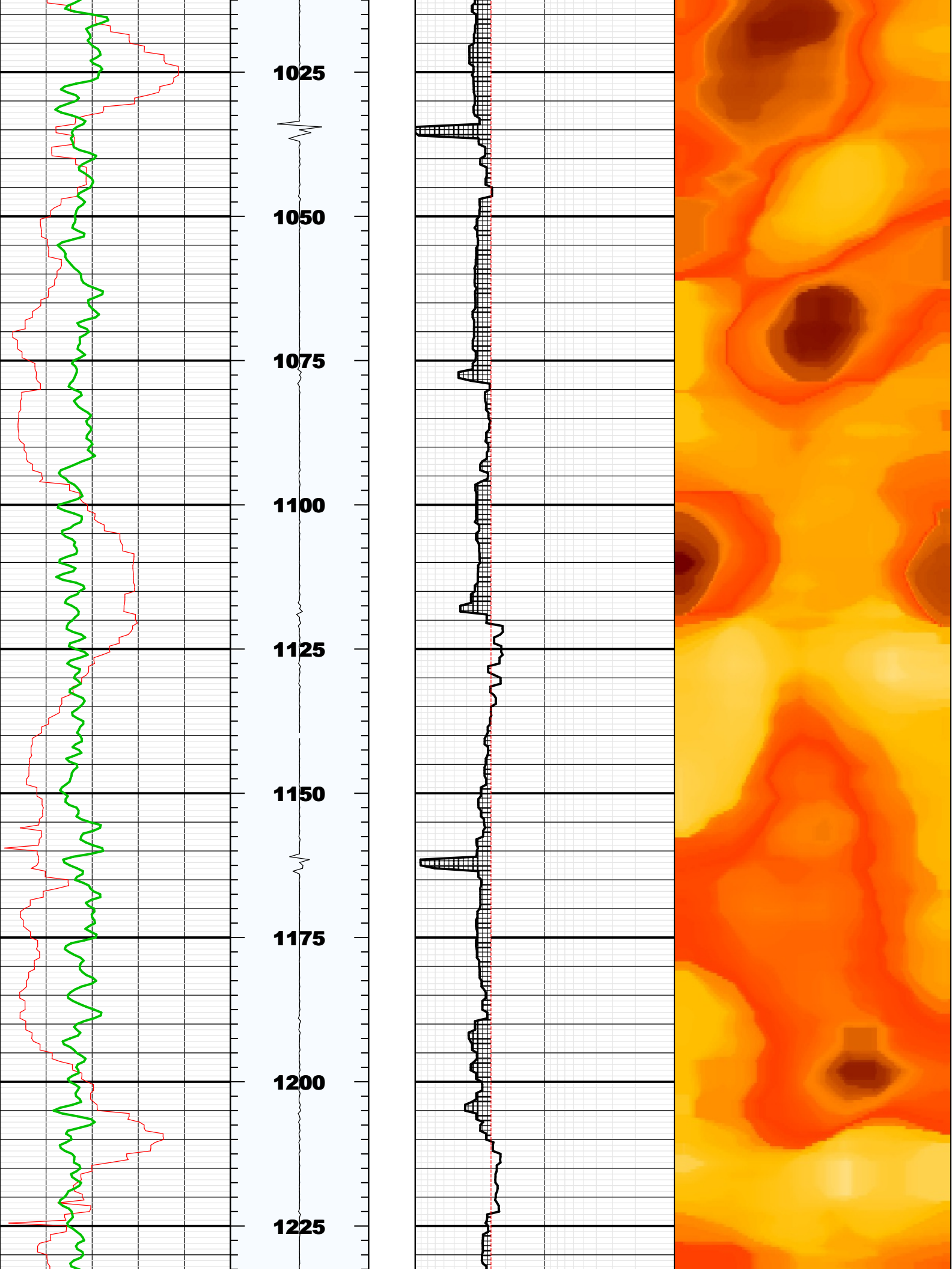
725

750

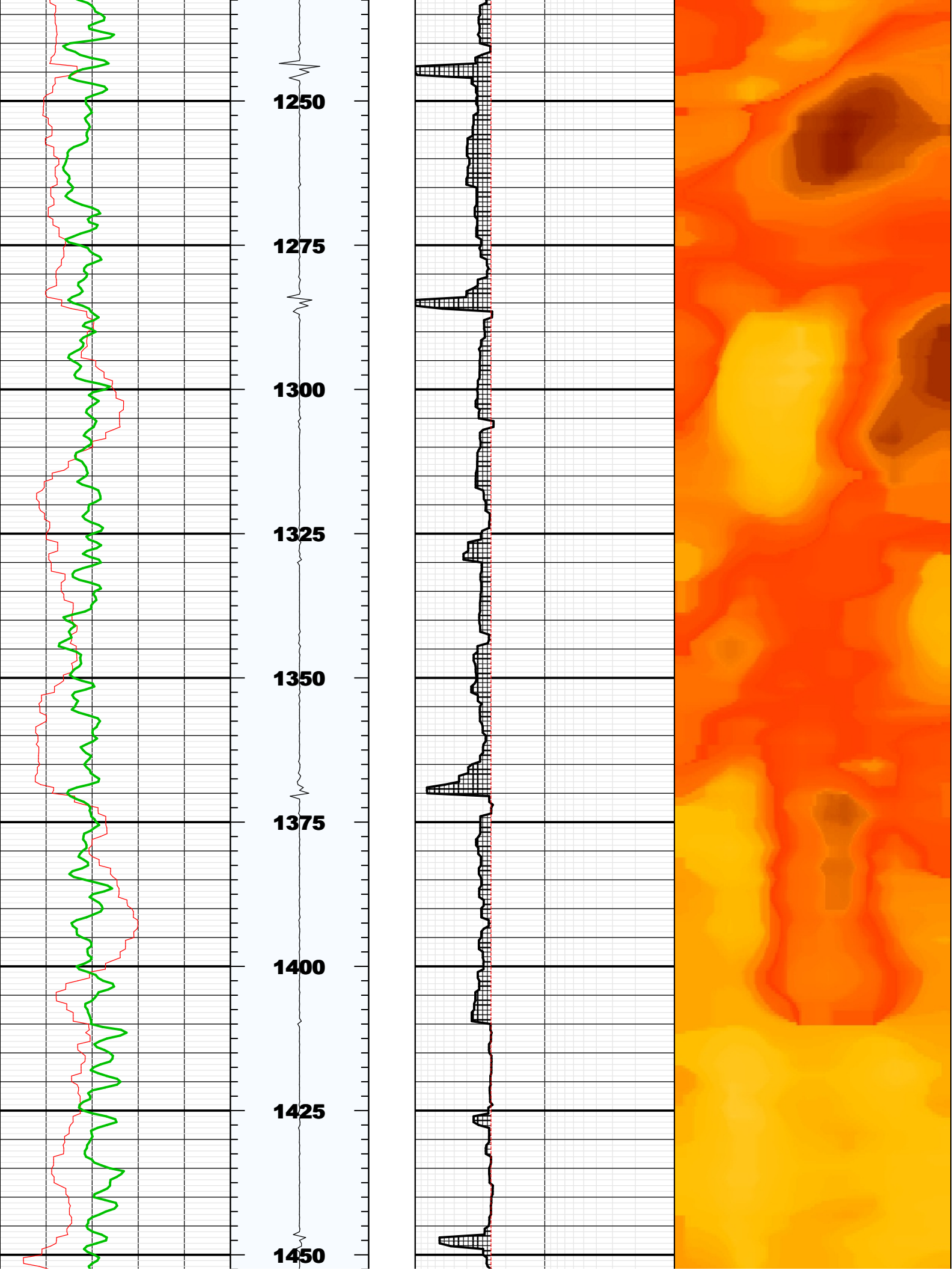
775

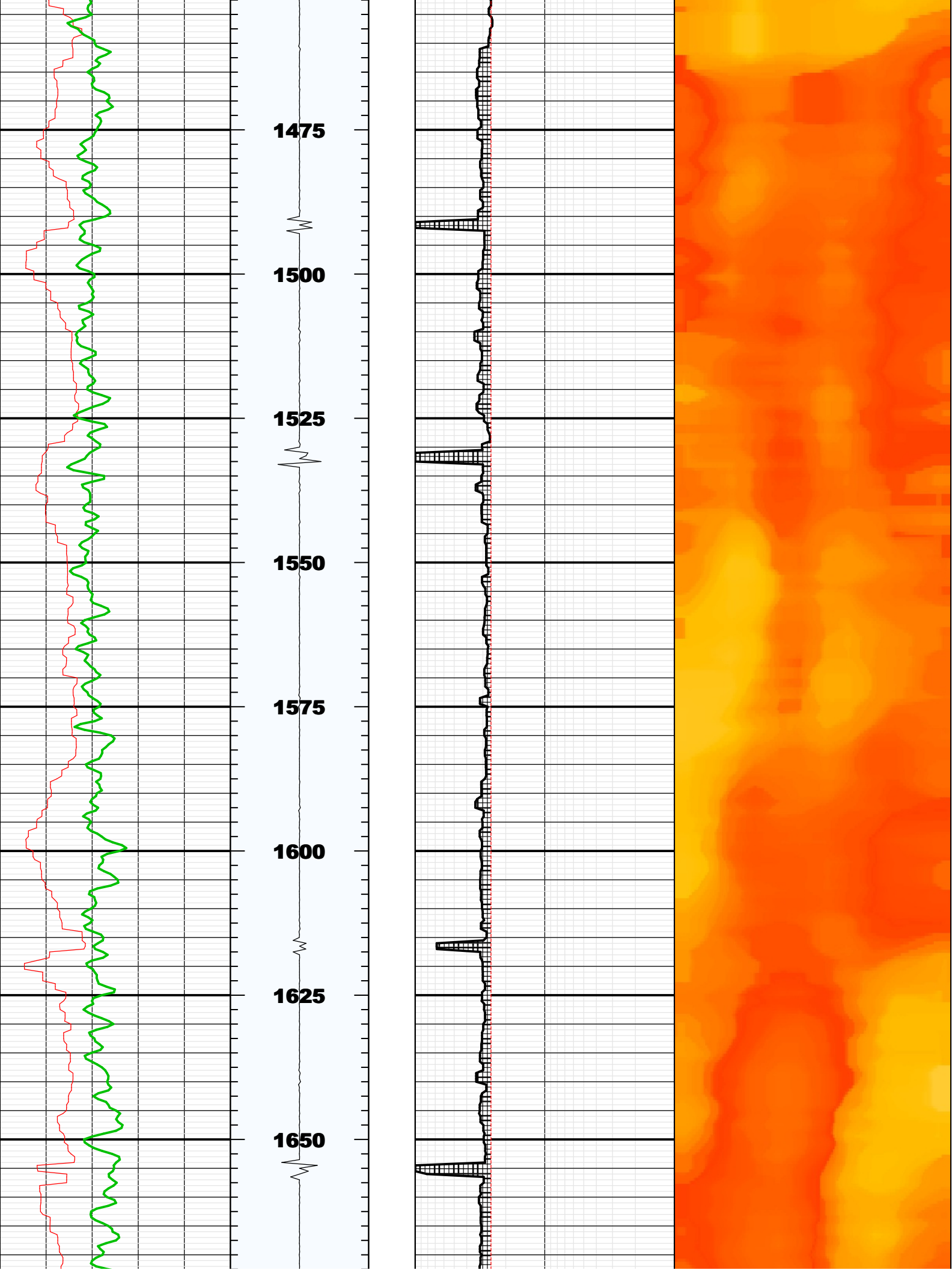


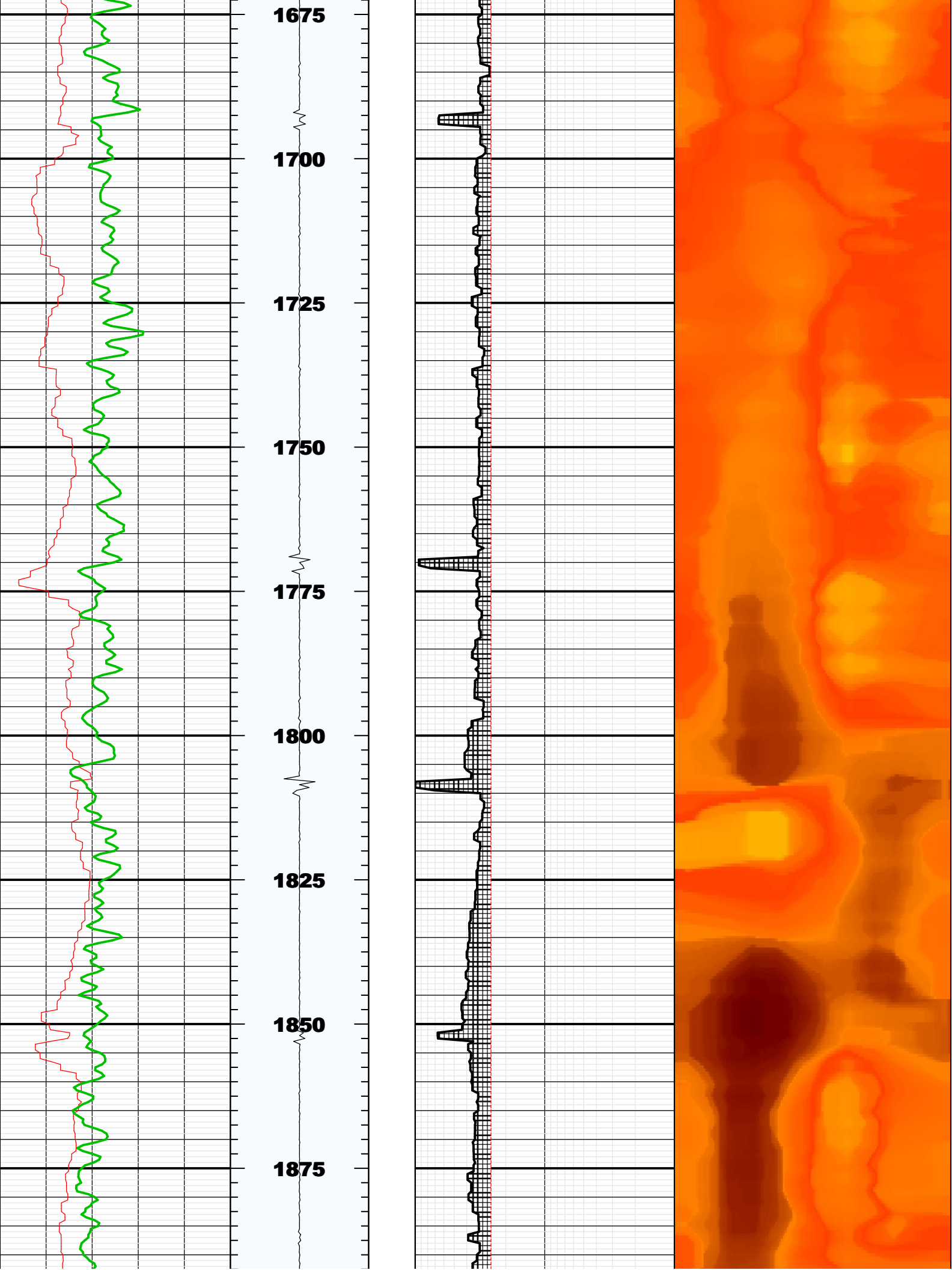


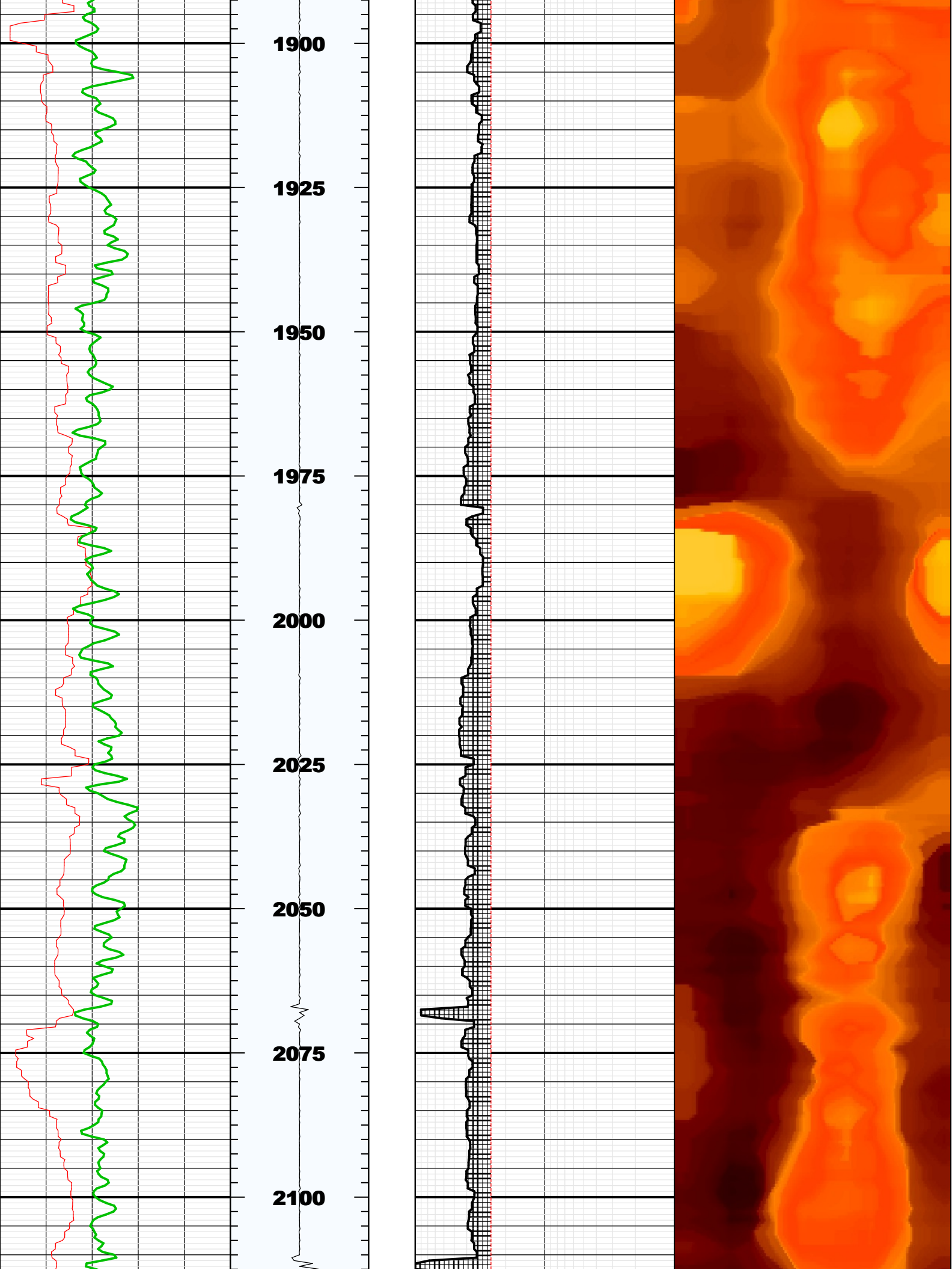


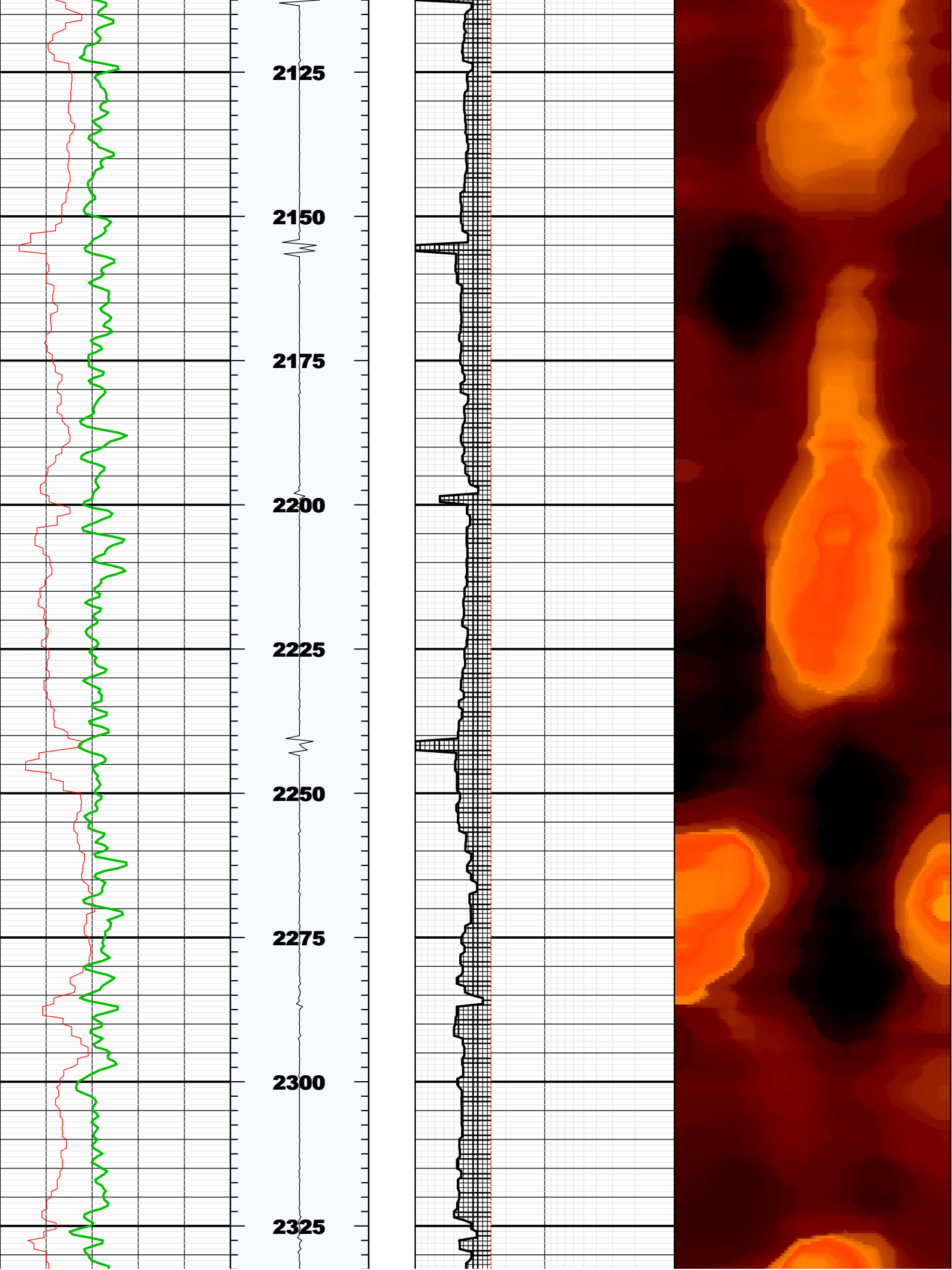




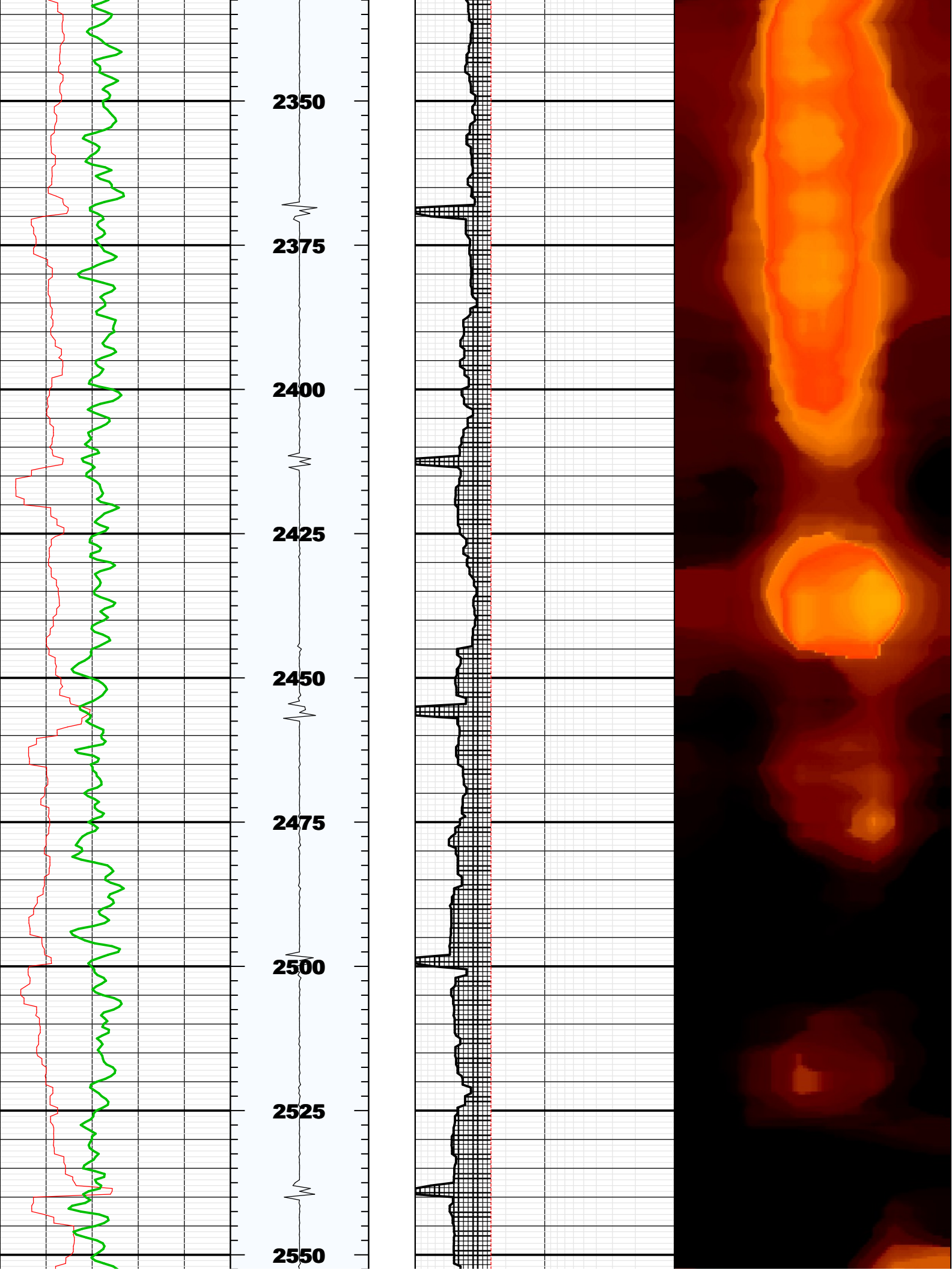


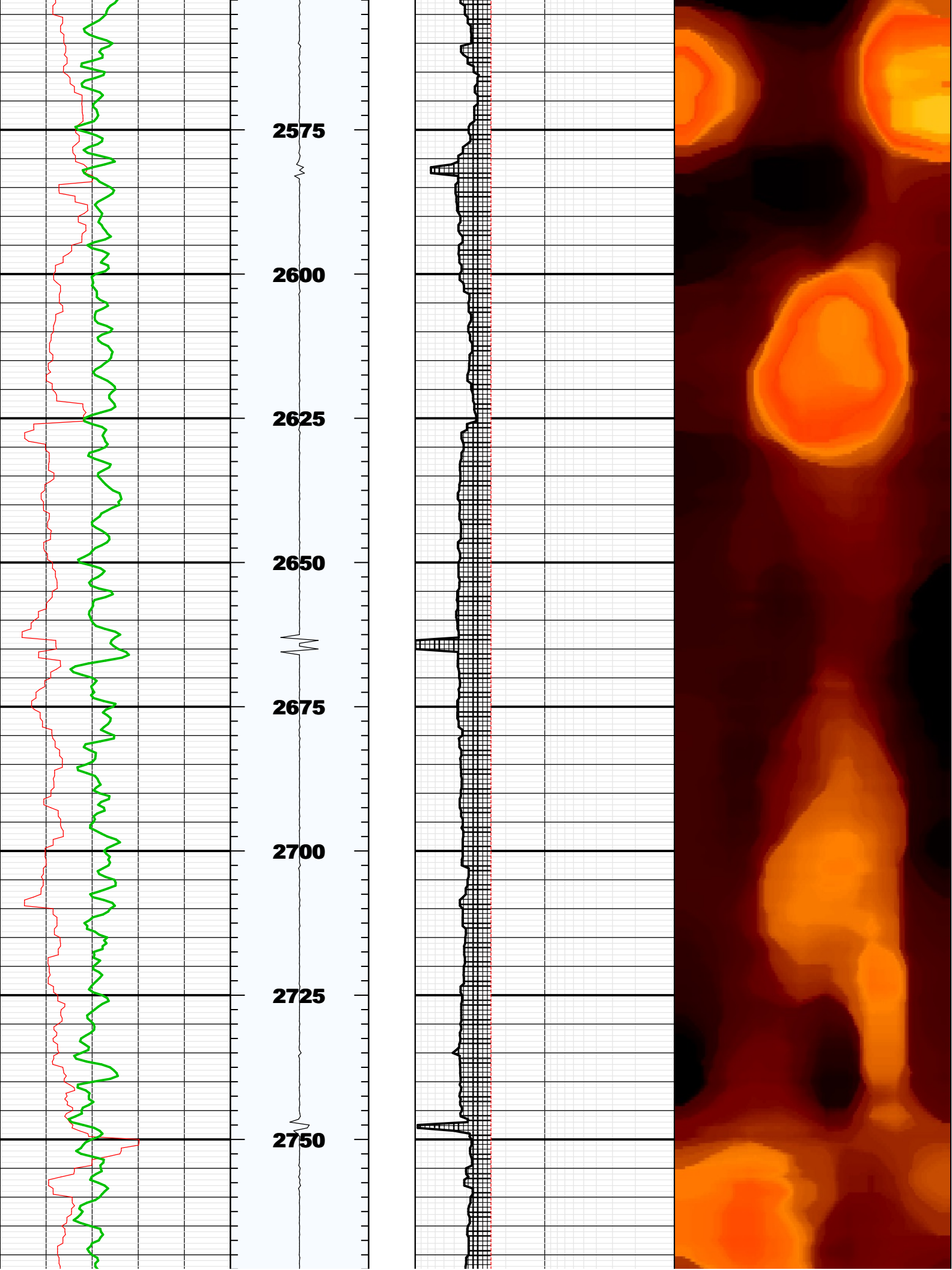


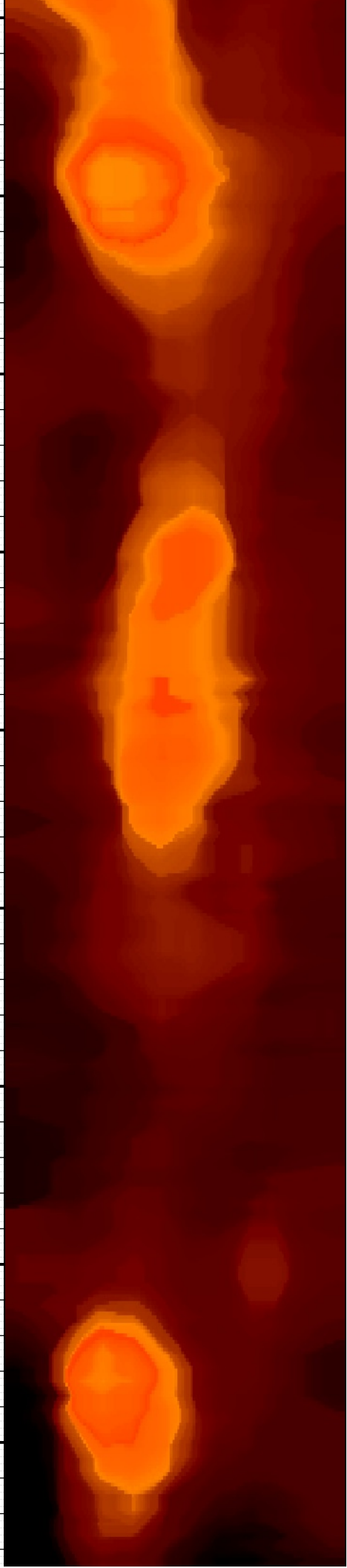
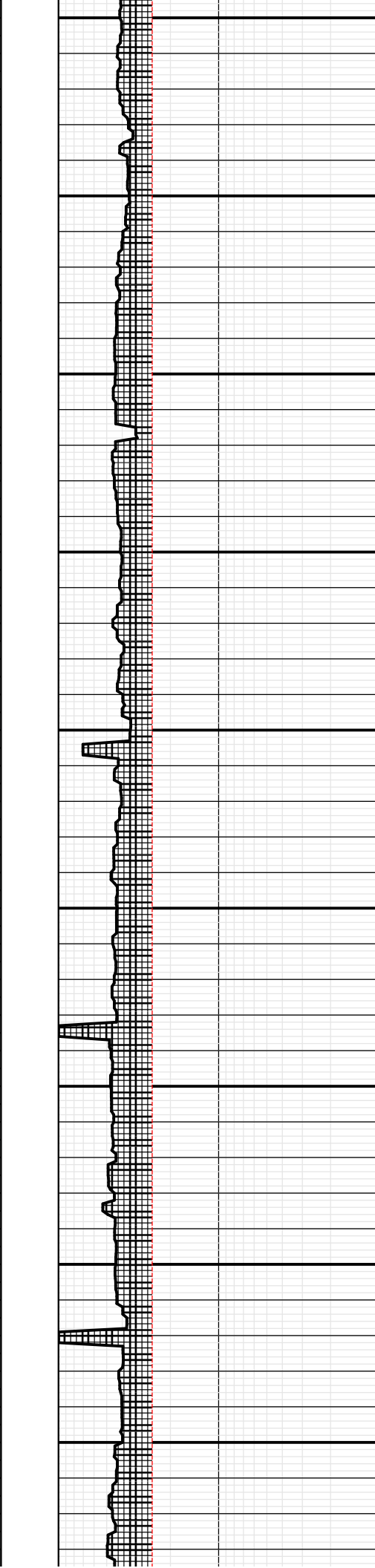
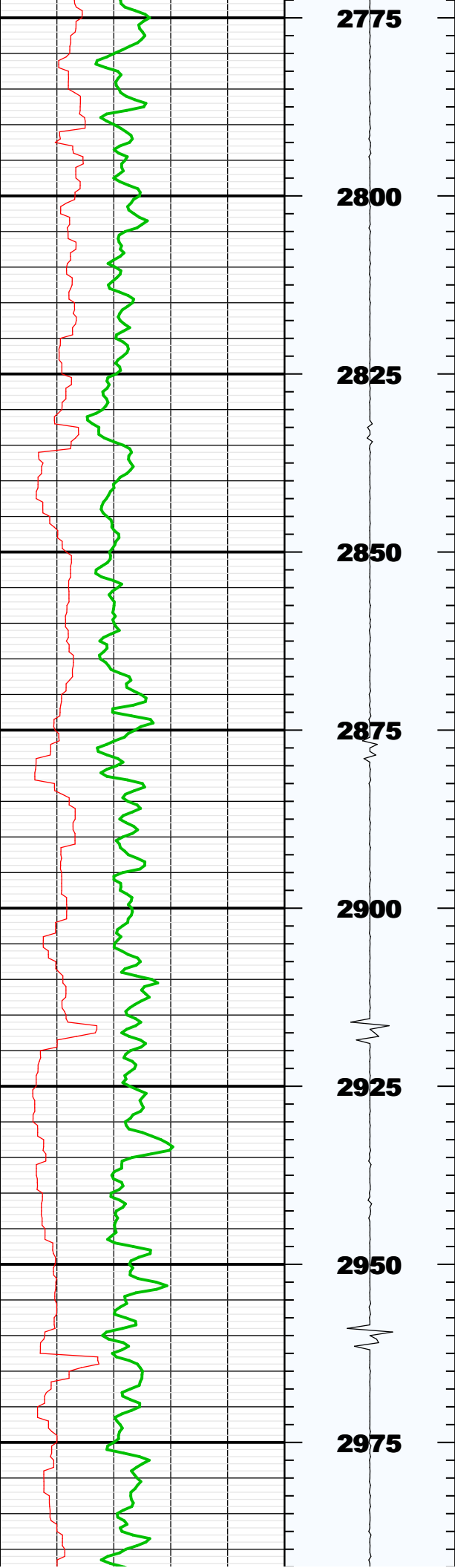




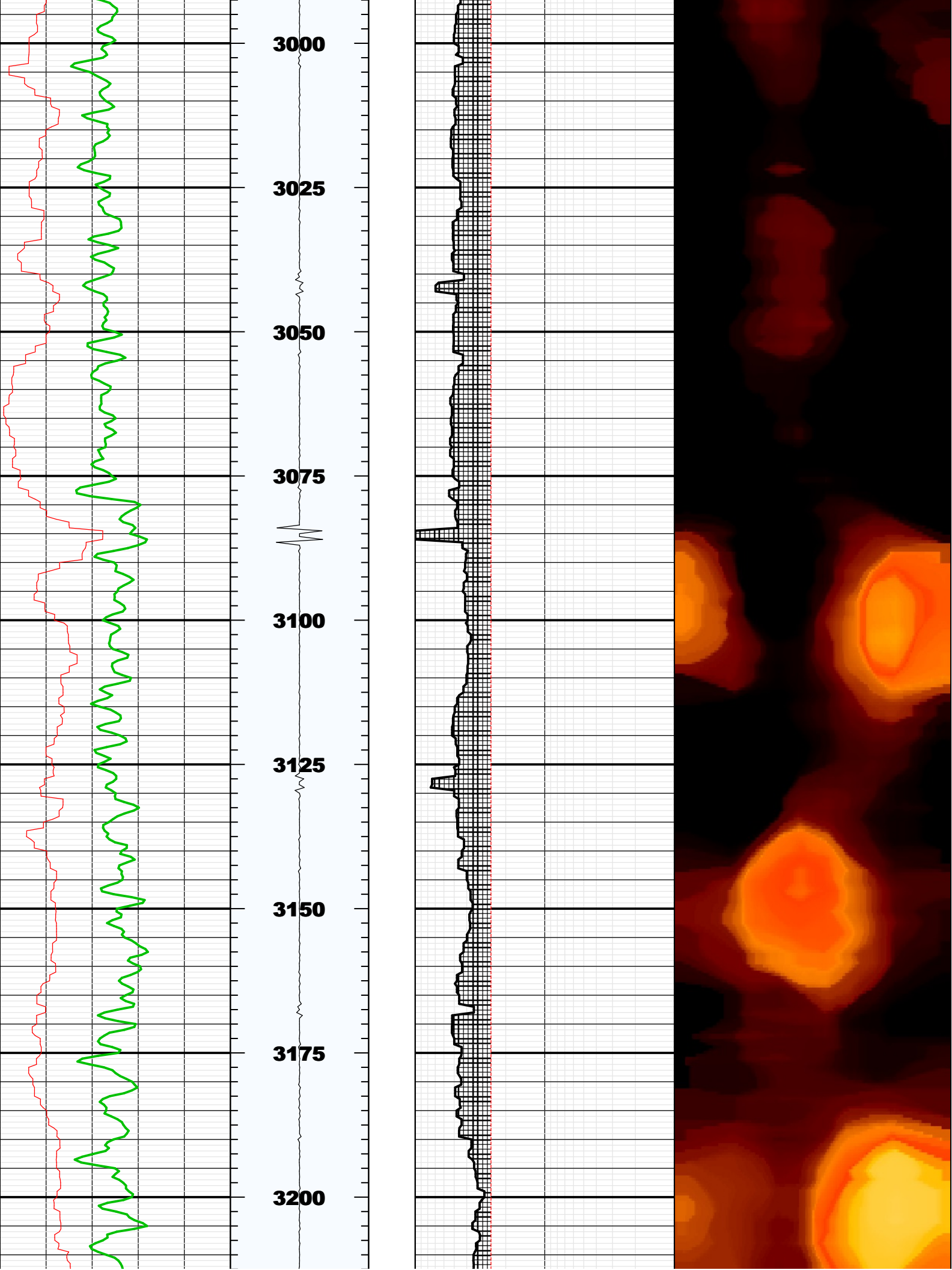


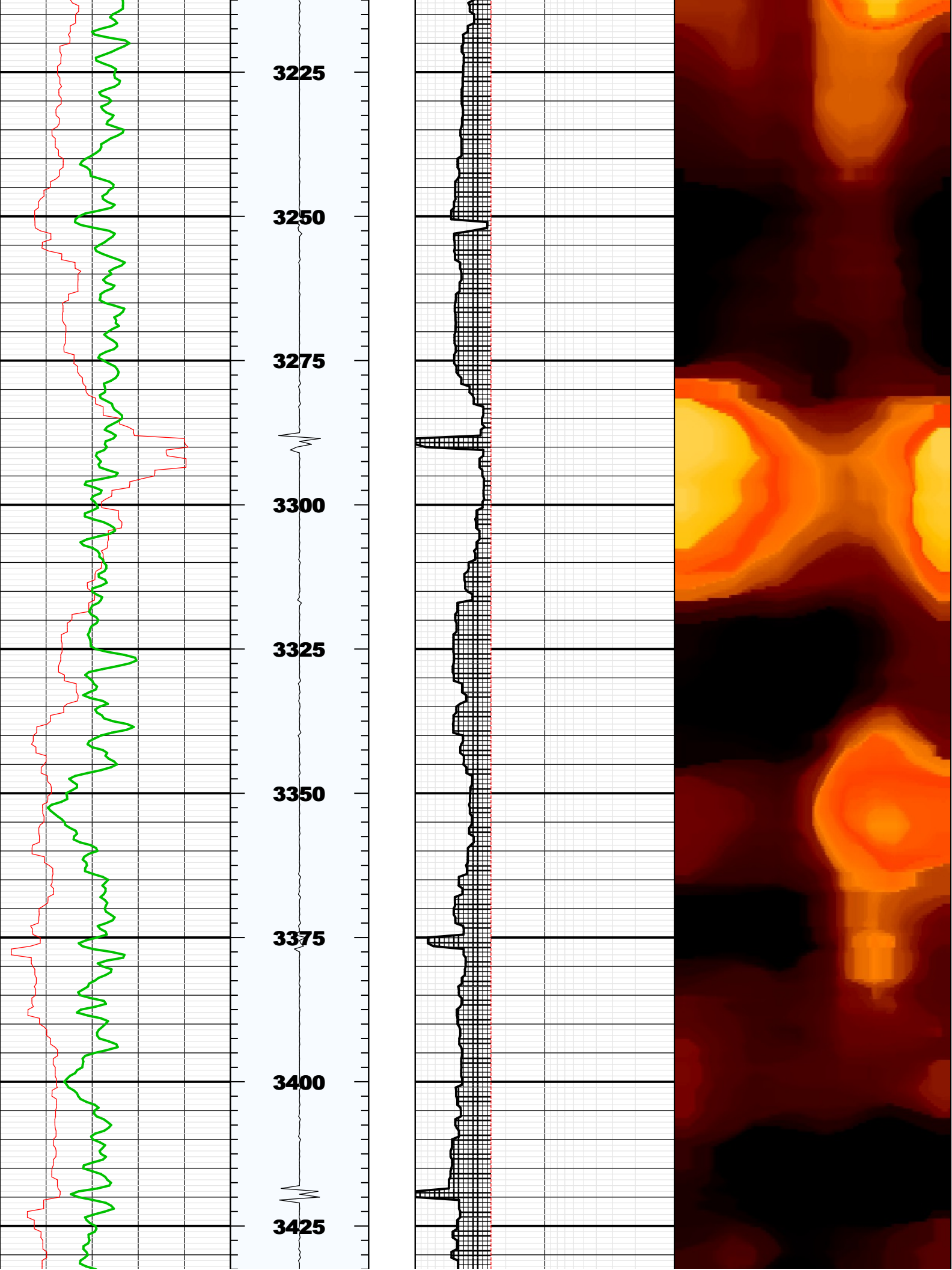


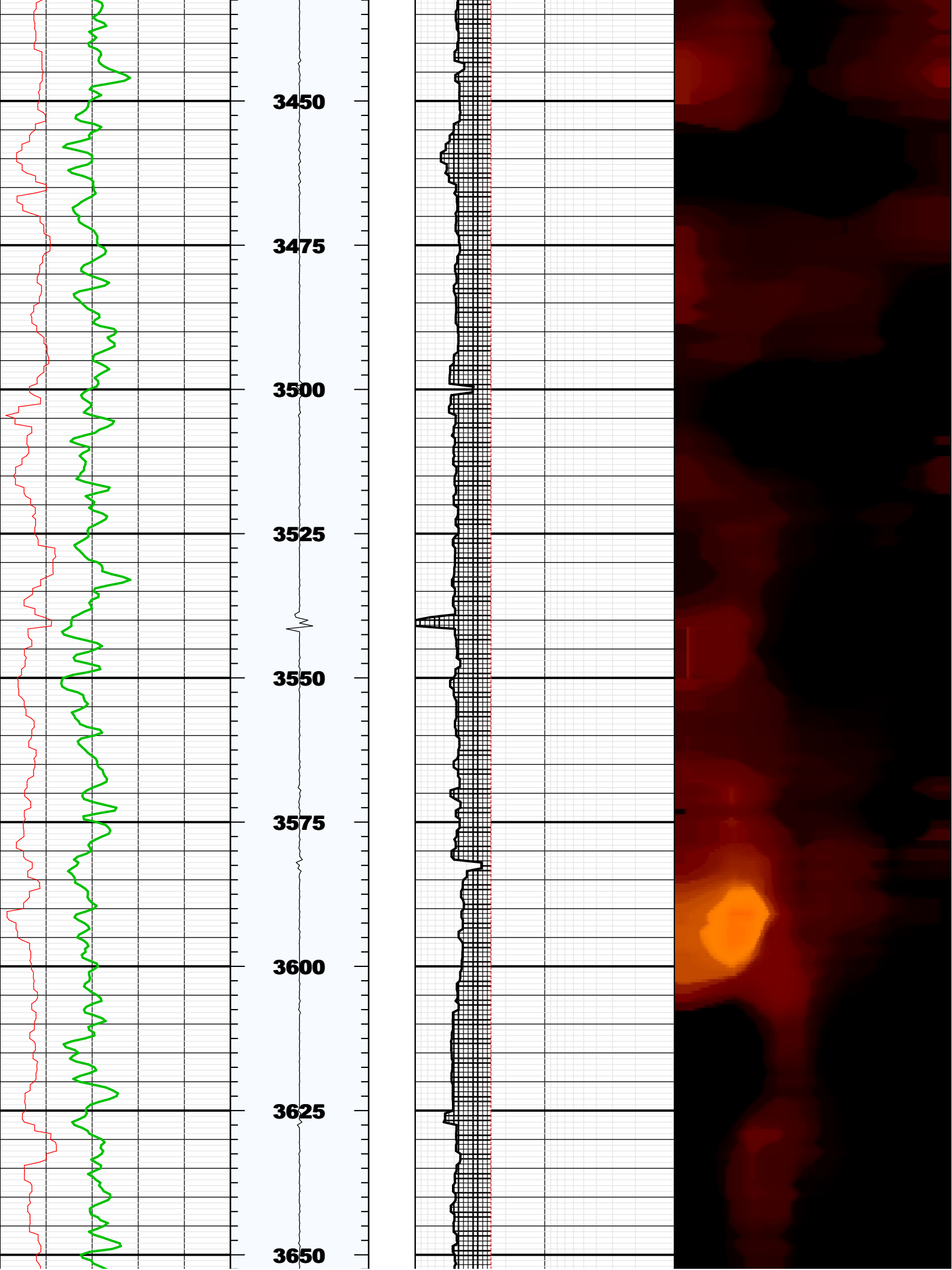


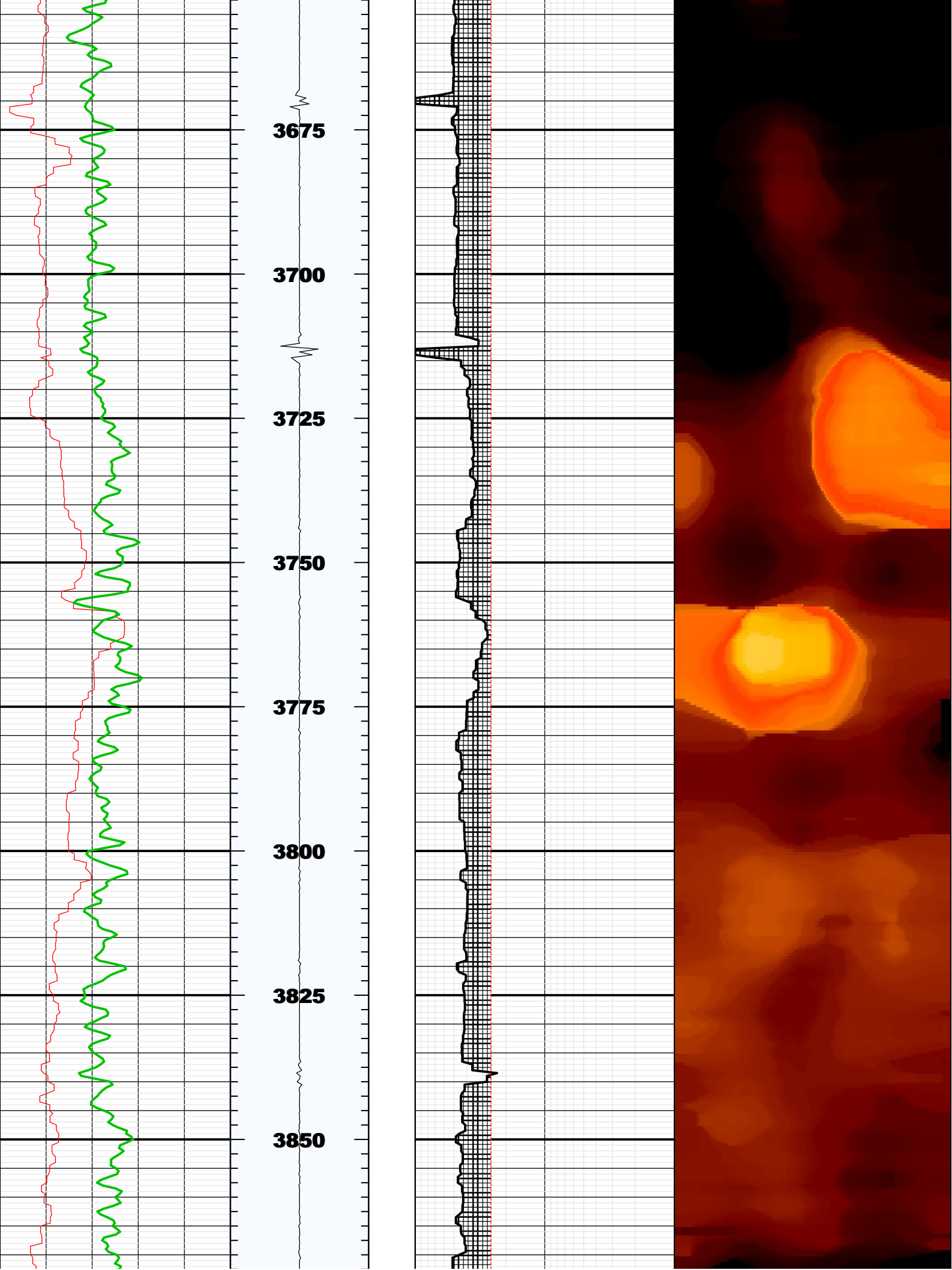


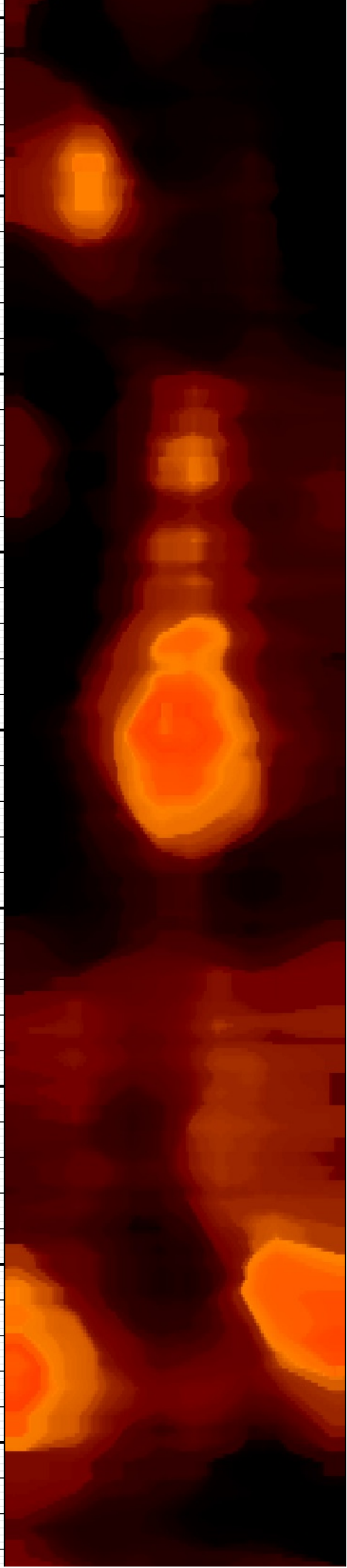
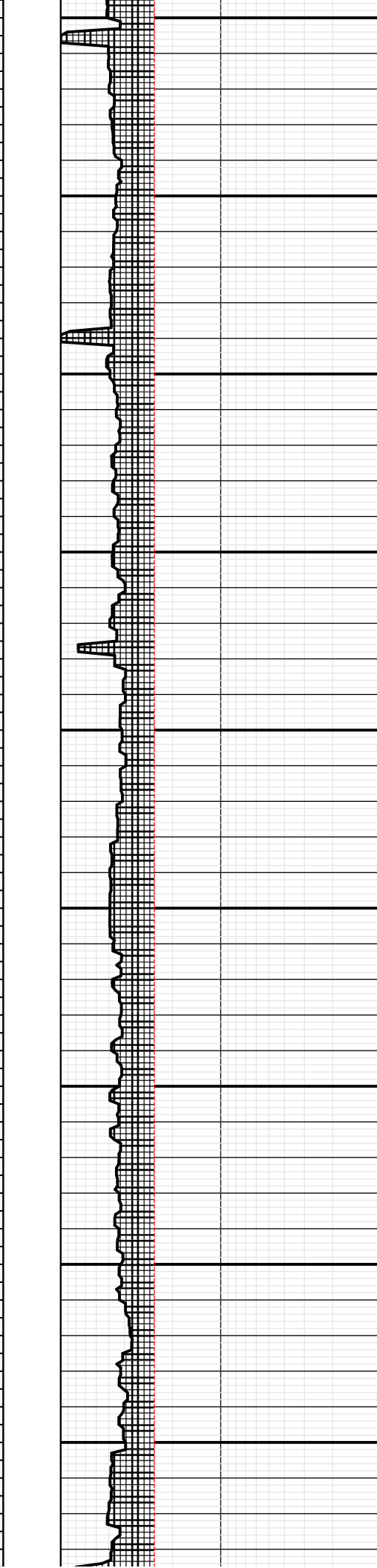
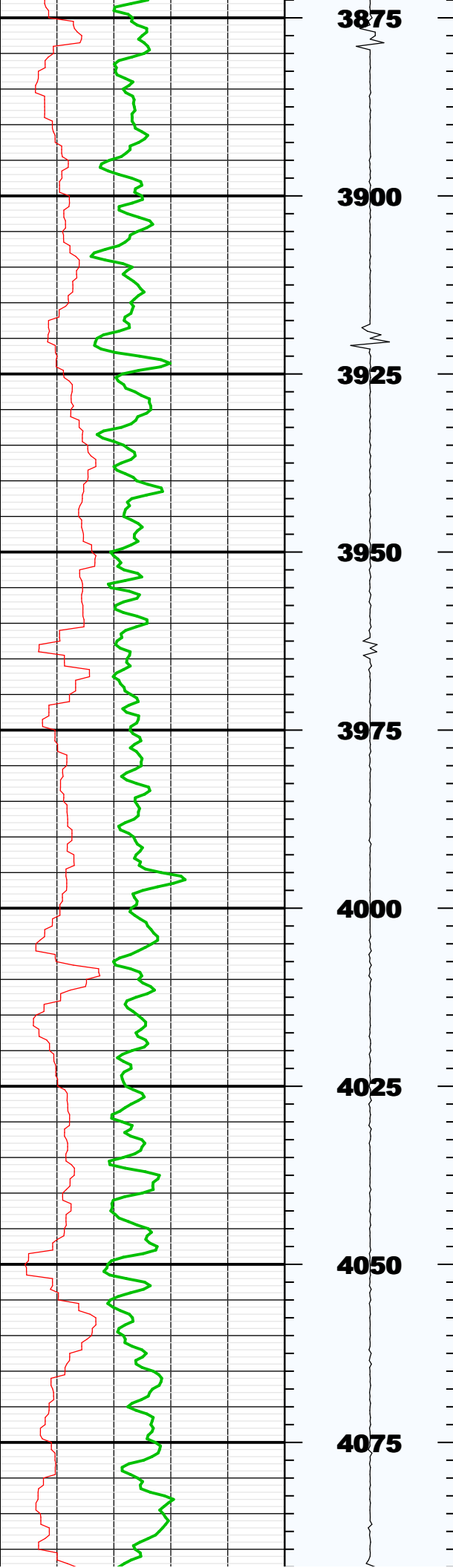




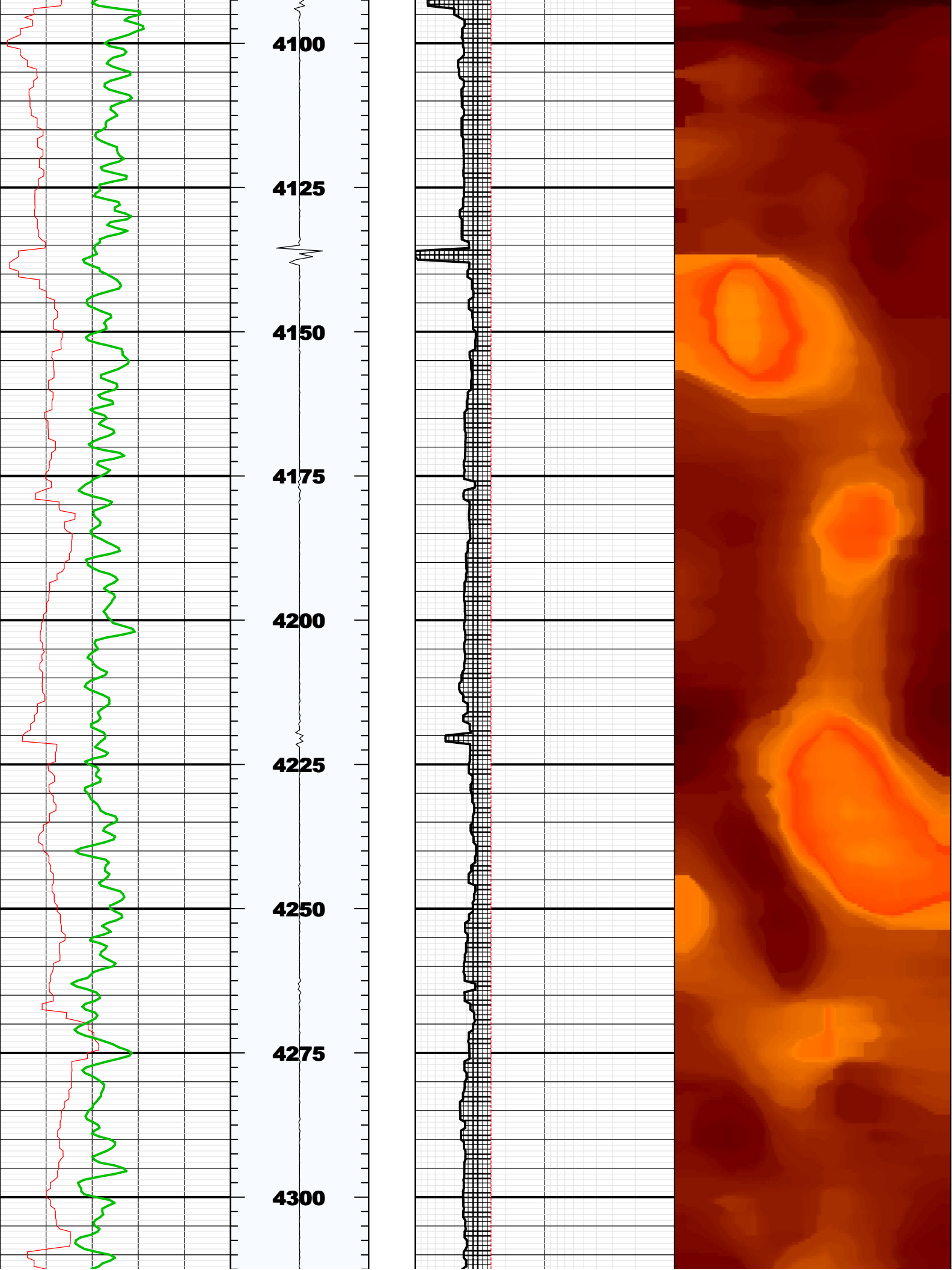


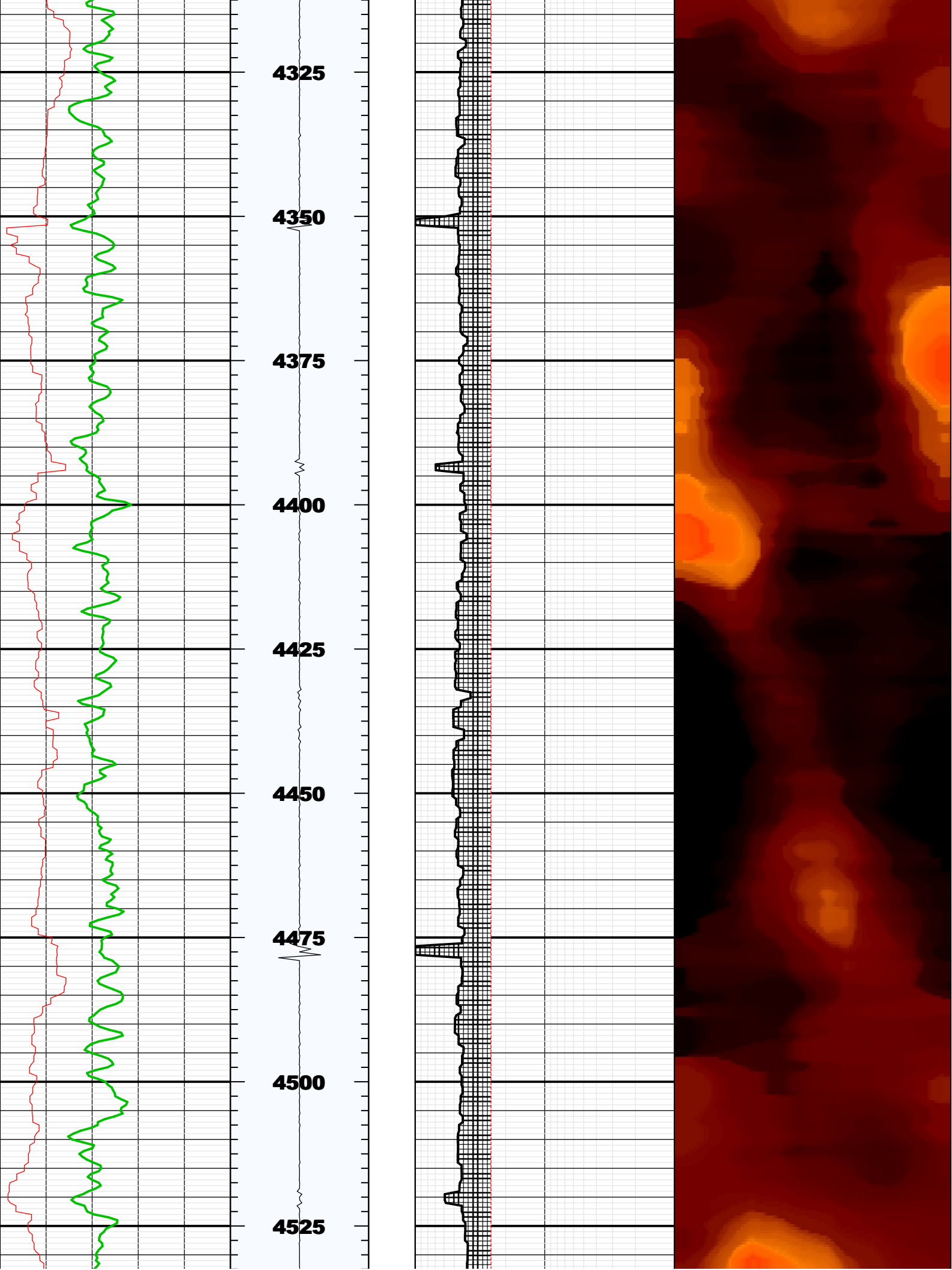


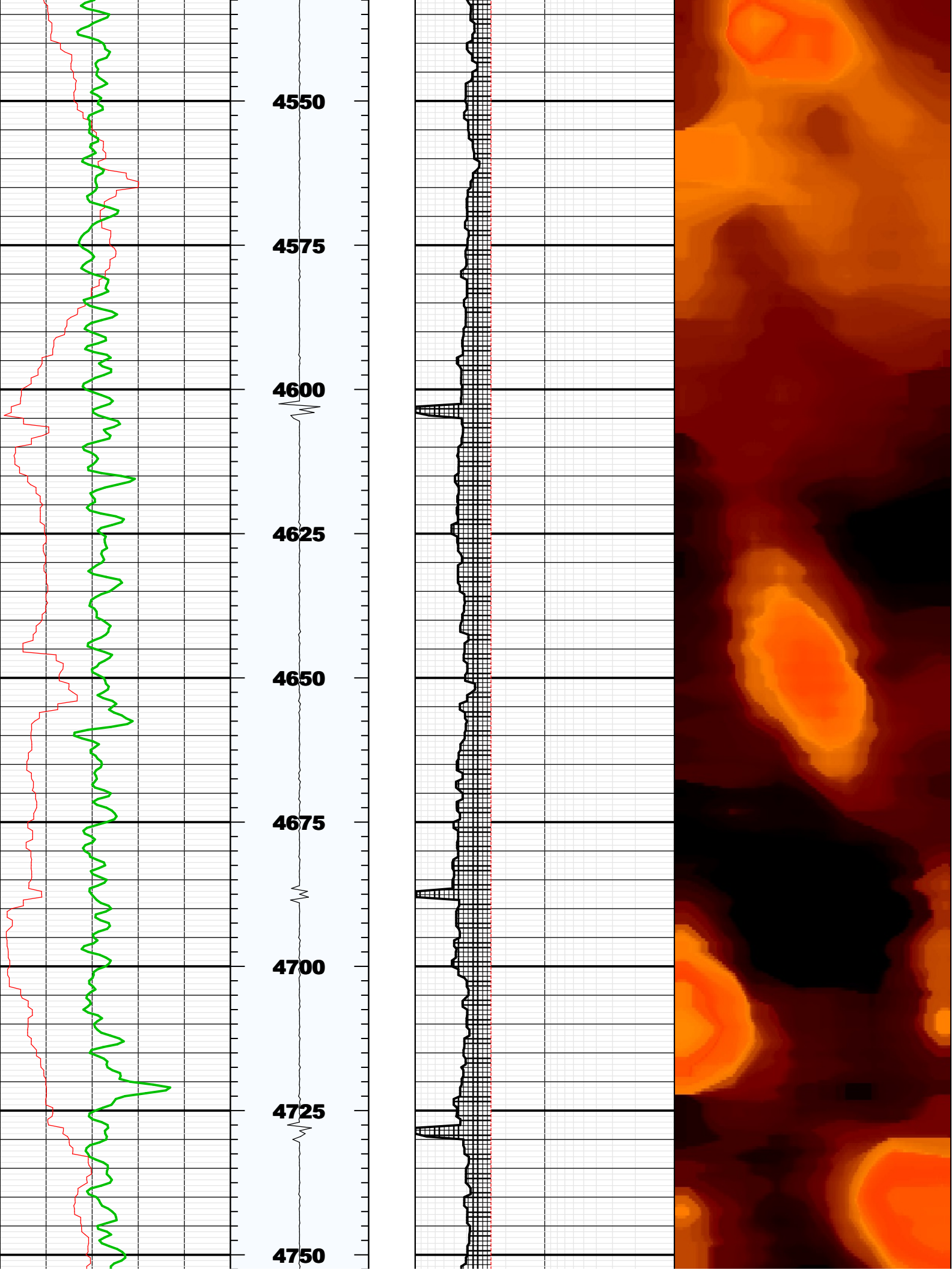




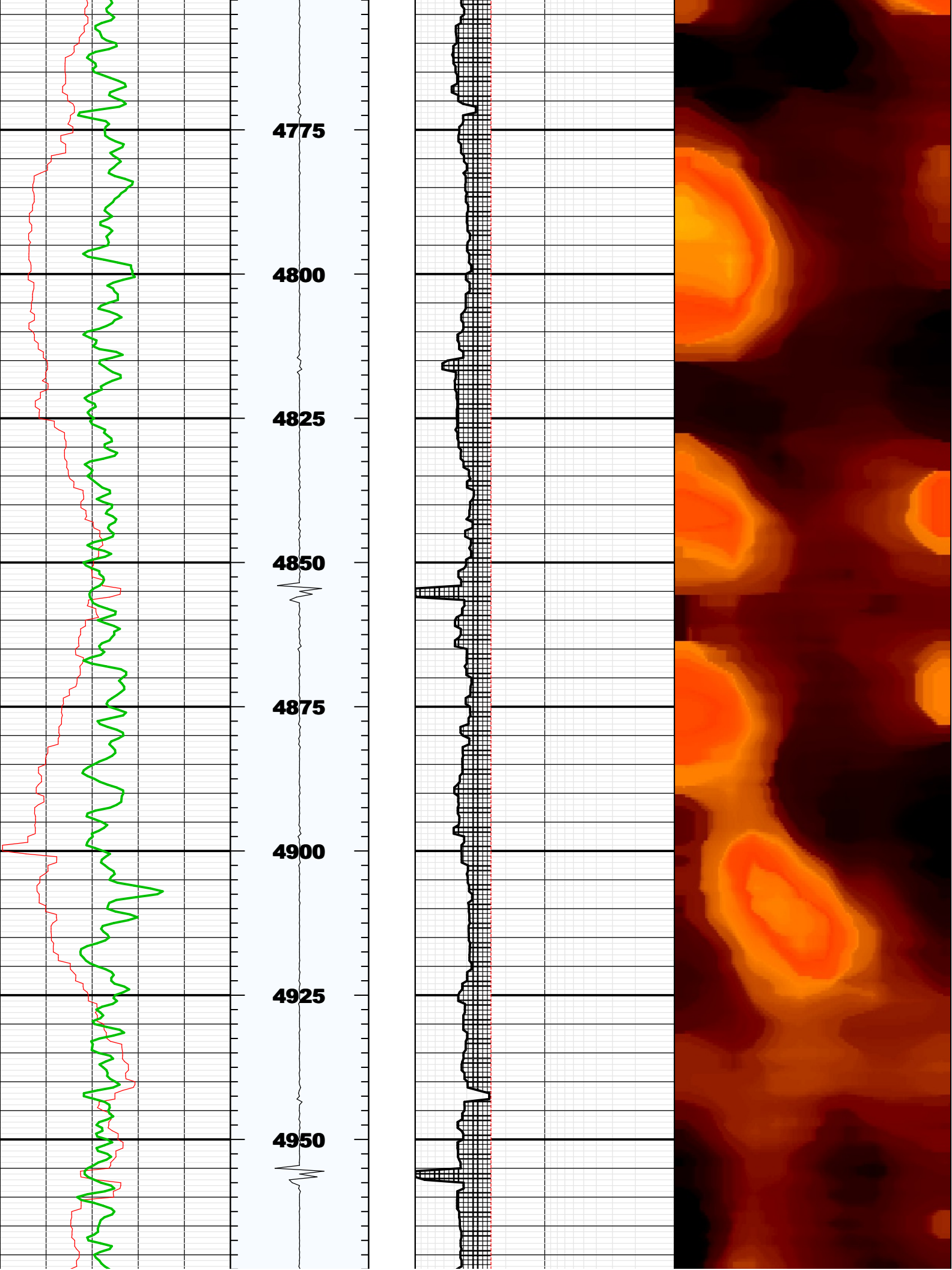


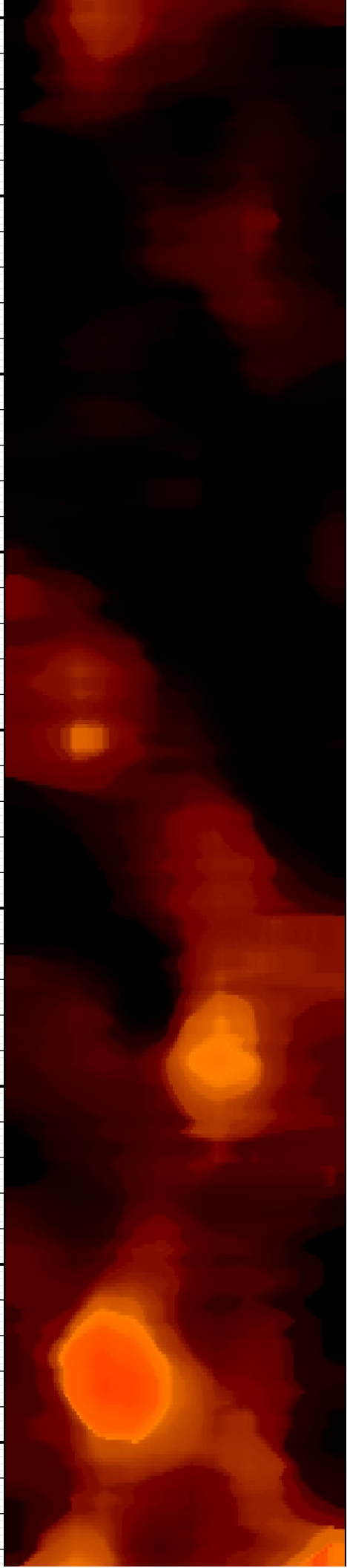
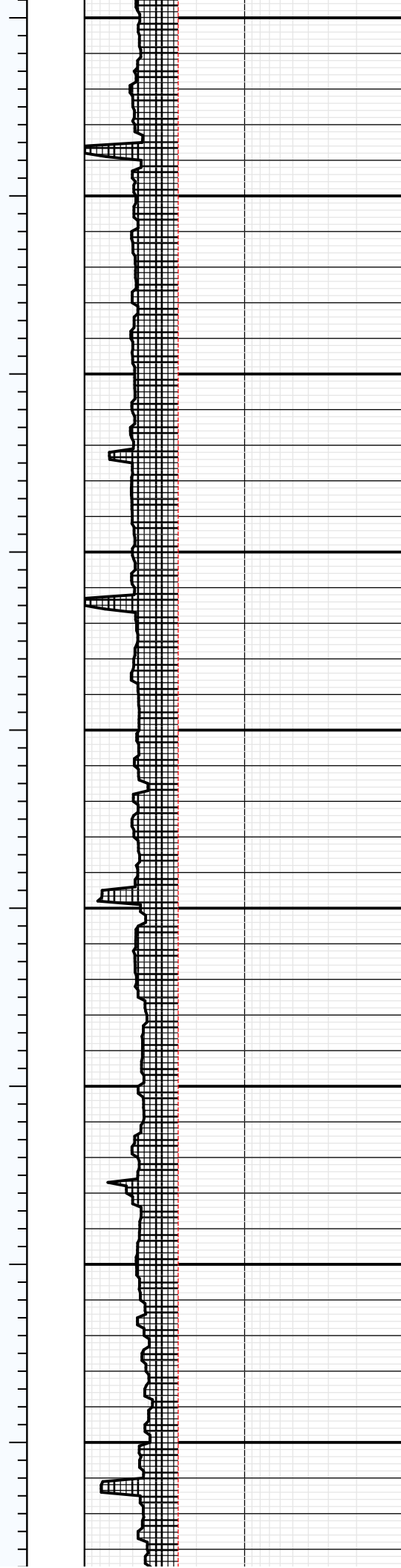
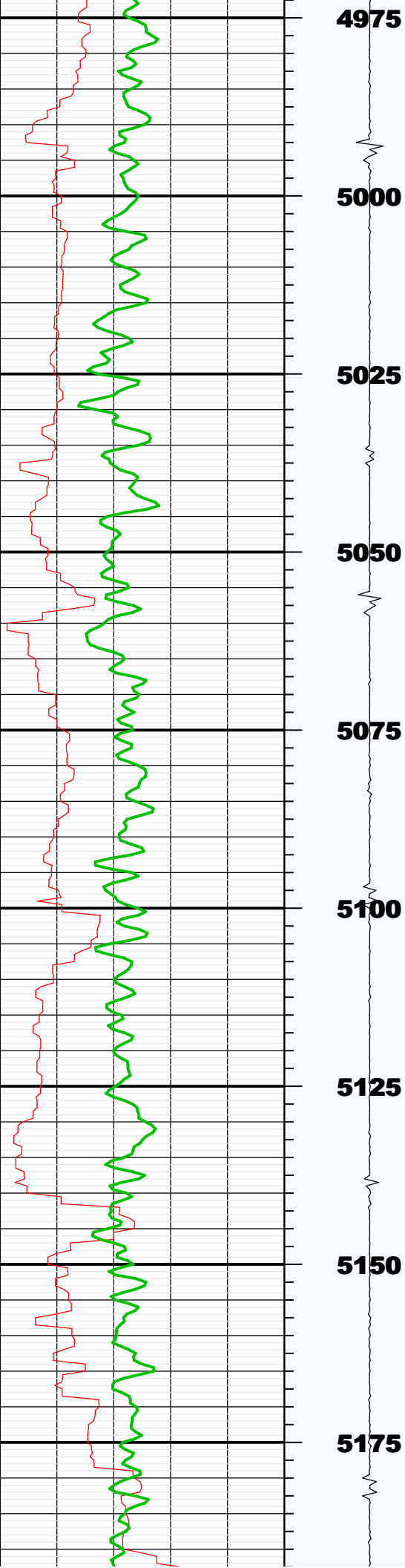


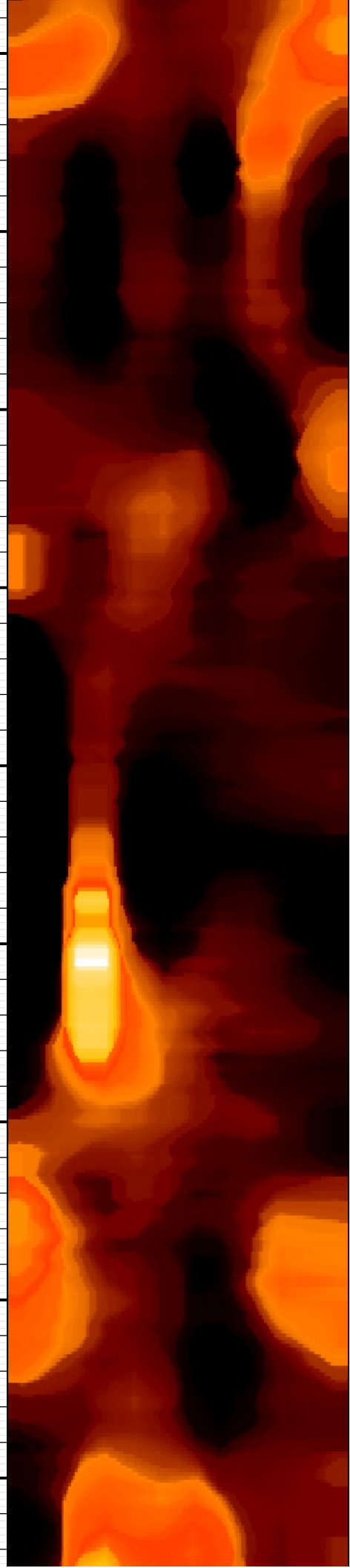
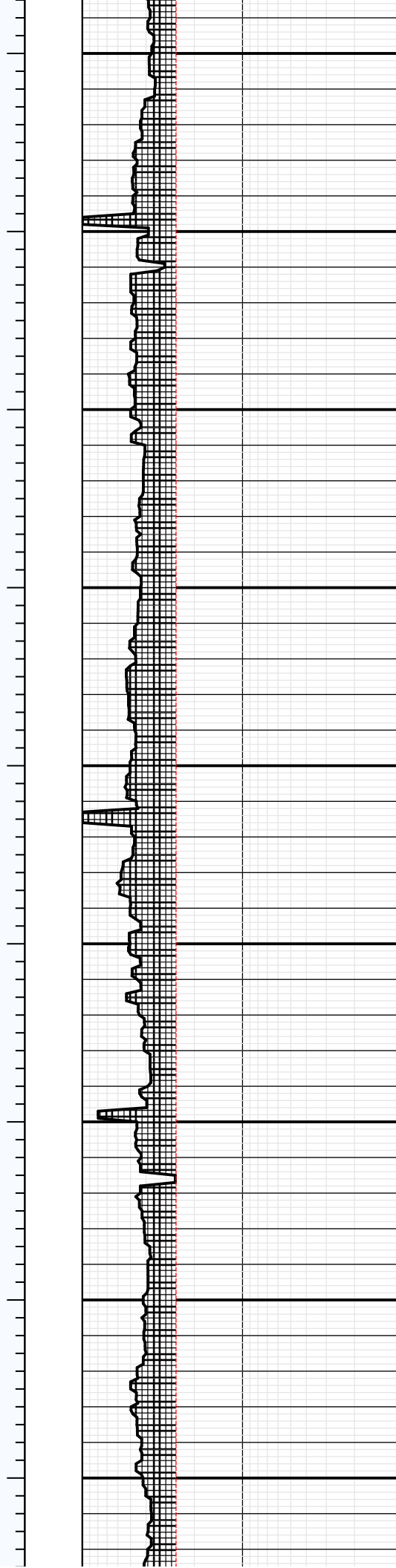
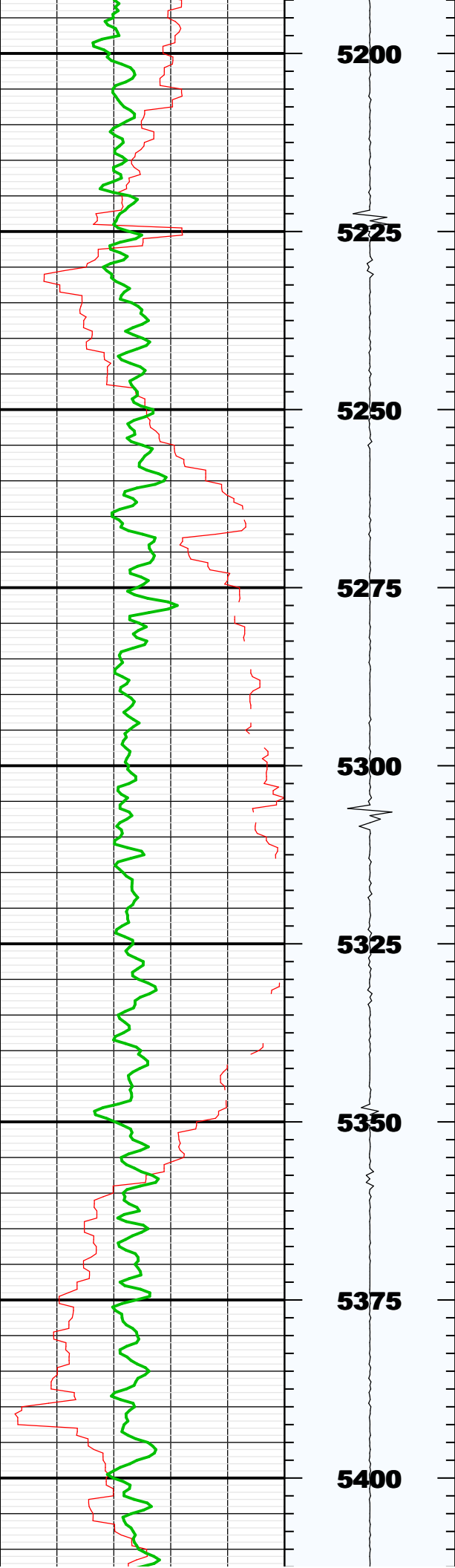


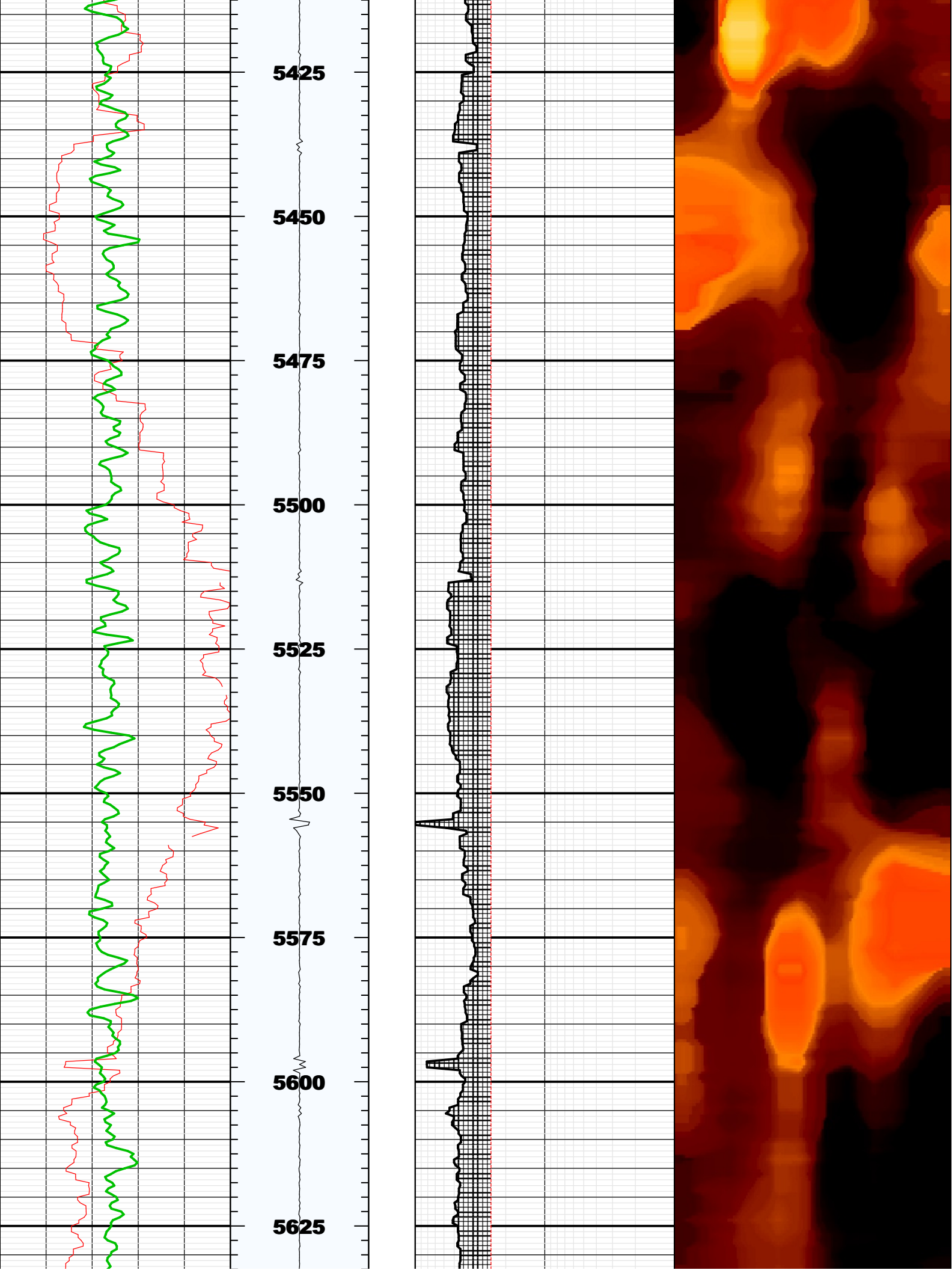




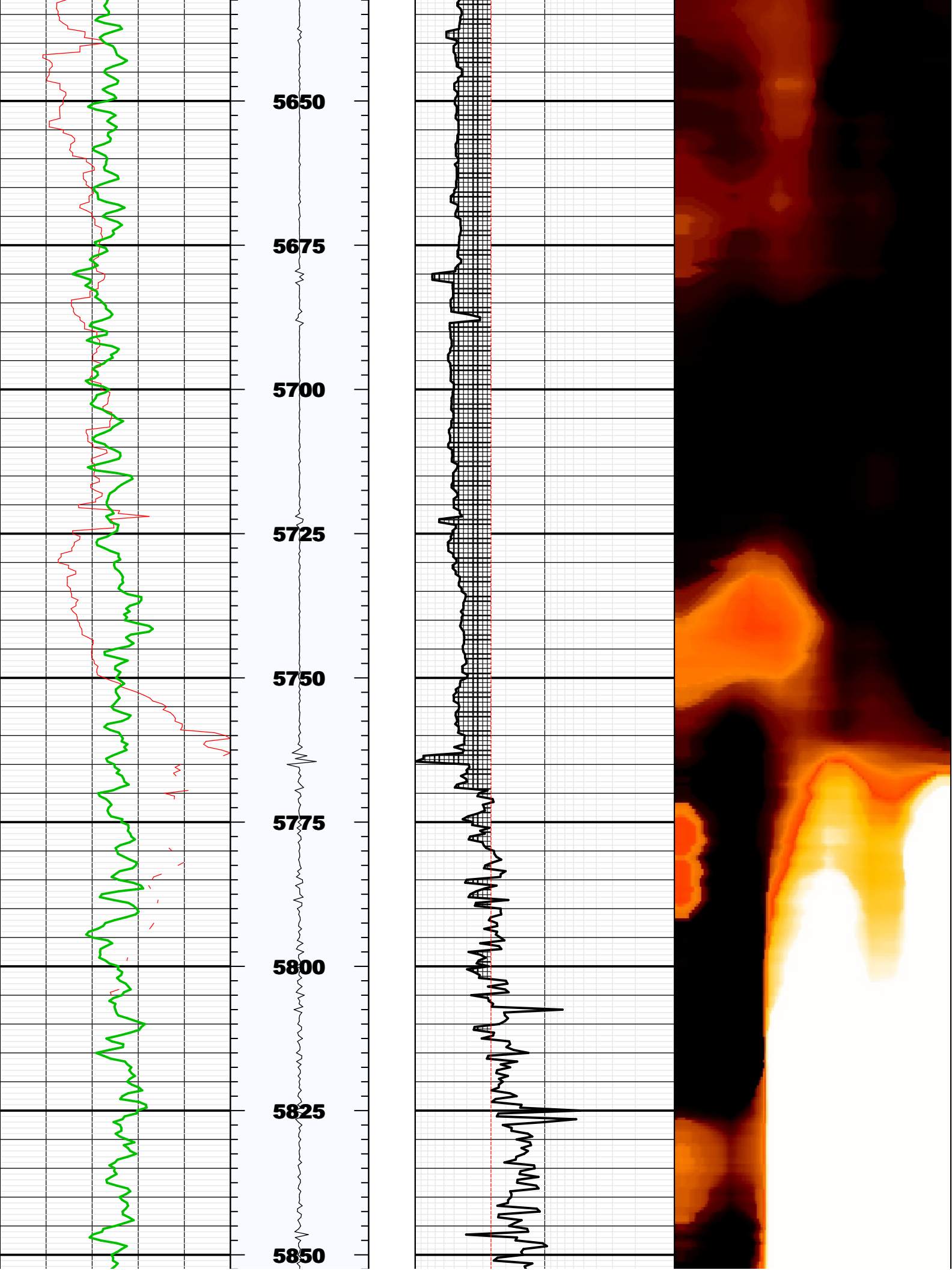


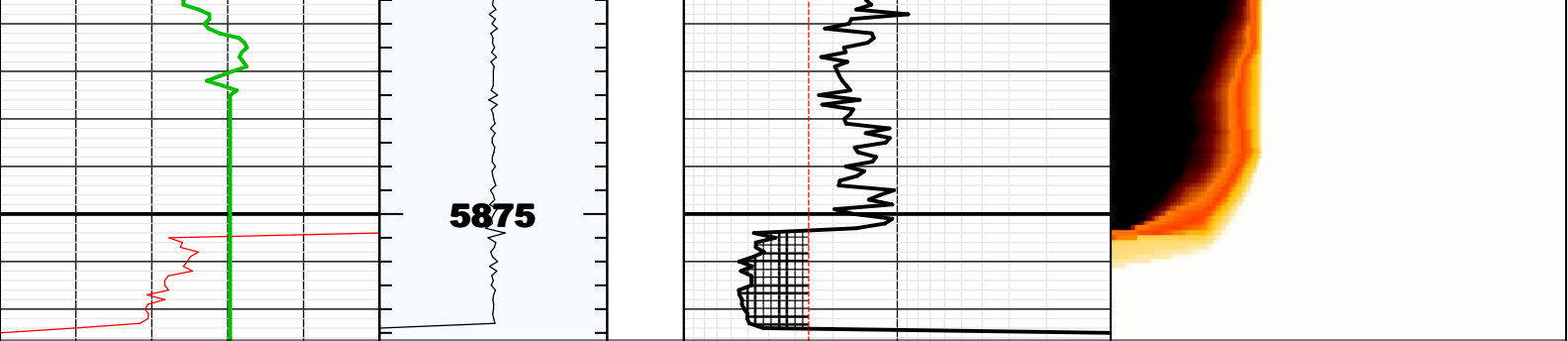








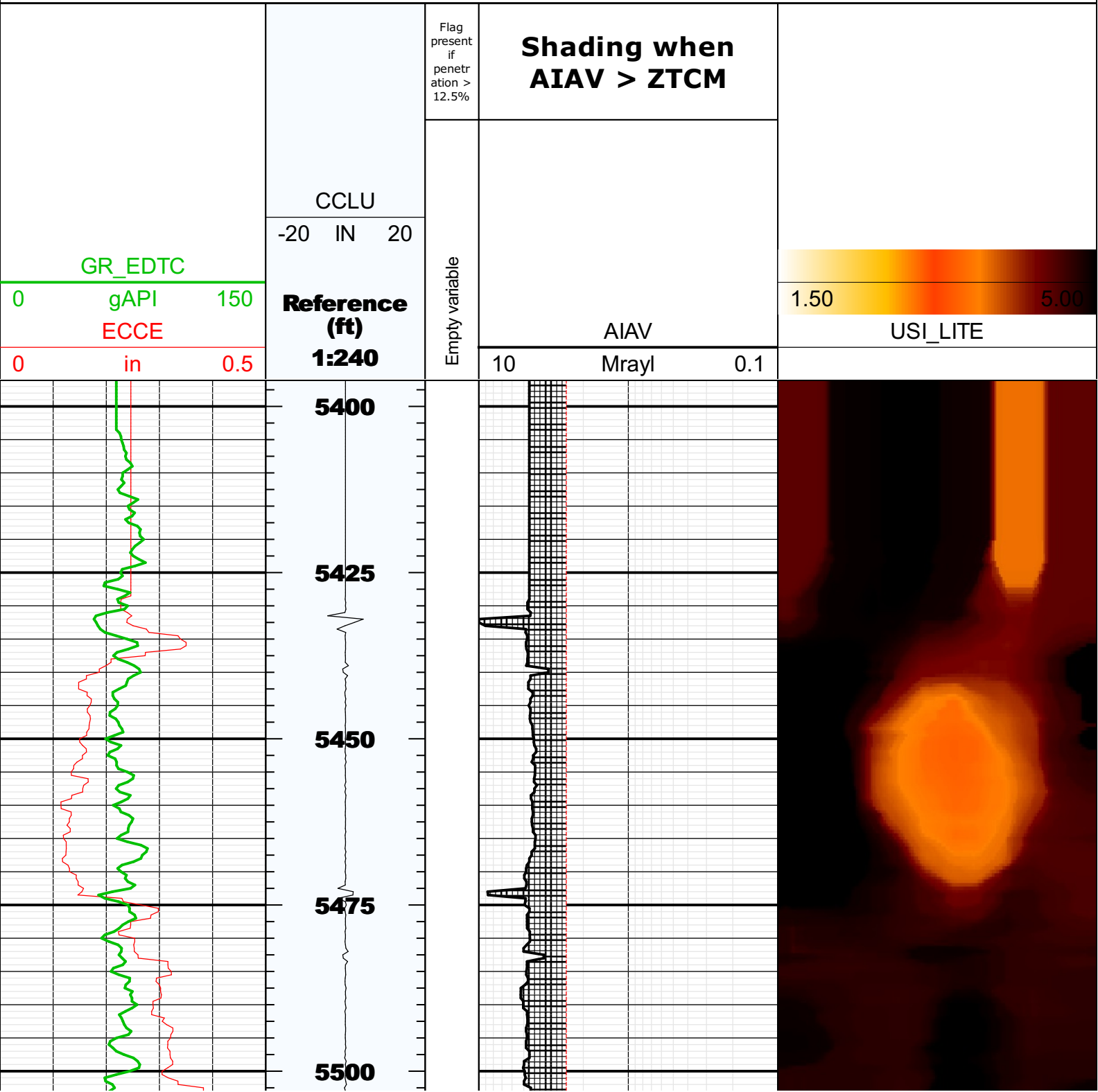




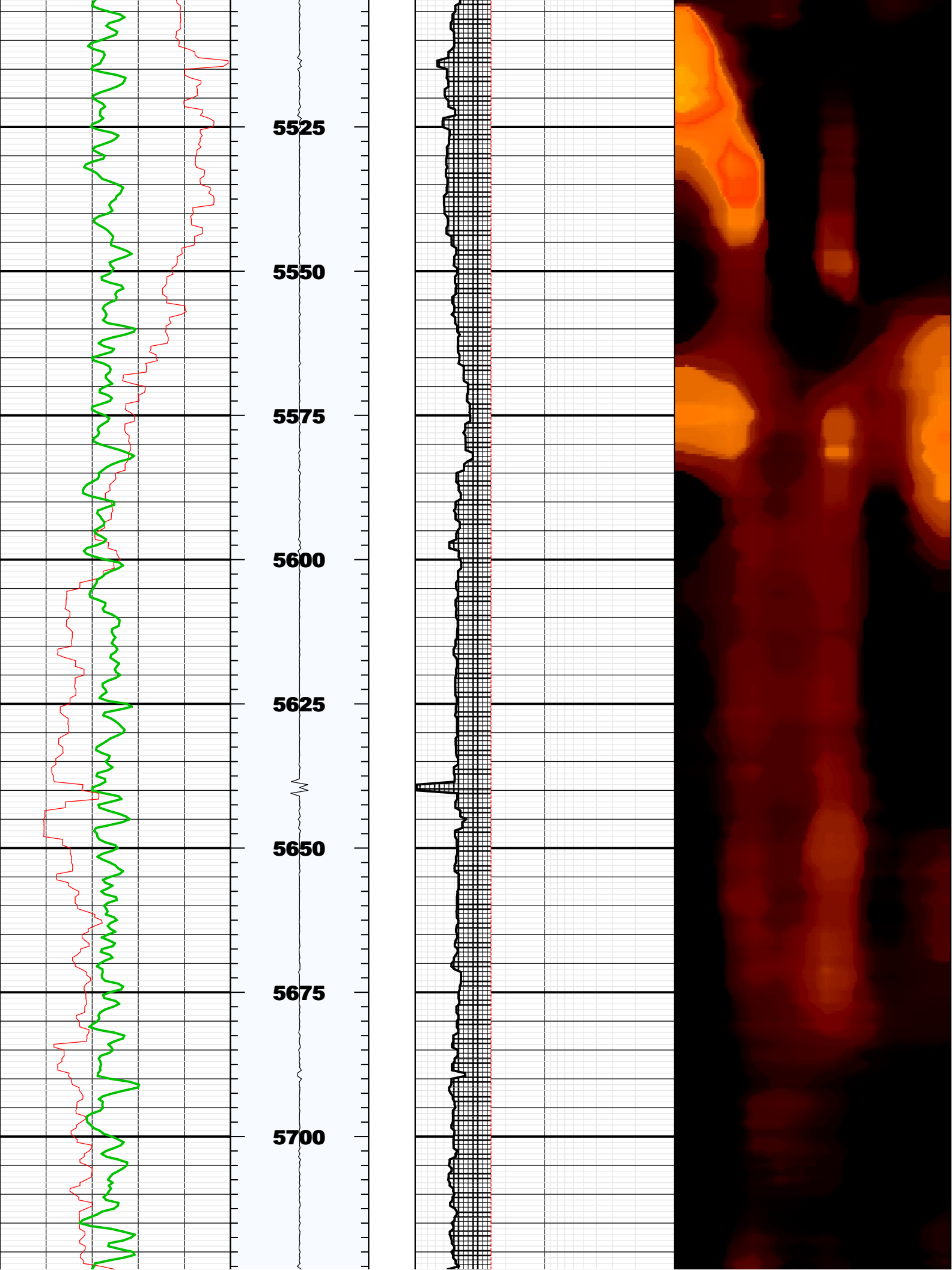
BS	8.75000	IN	Bit Size
CASG	P110		Casing Grade
CDIA	7.00000	IN	Casing Outer Diameter
CSID	6.27600	IN	Casing Inner Diameter
CSIZ	7.00000	IN	Current Casing Size
CWEI	26.00000	LB/F	Casing Weight
DFD	8.40000	LB/G	Drilling Fluid Density
DFVL	206.00000	US/F	Default Fluid Velocity
DO			
DOT	2.87400	IN	Diameter of Transducer Sensor
EMXV	65	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	LNF6010L		Working Mode
VCAS	51.40000	US/F	Ultrasonic Transversal Velocity in Casing
WINB	42.71535	US	Window Begin Time
WINE	85.69053	US	Window End Time
ZCAS	46.25000	MRAY	Acoustic Impedance of Casing
ZINI	-1.00000	MRAY	Initial Estimate of Cement Impedance
ZMUD	1.90000	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 <sup>^</sup> 3 Processing Length

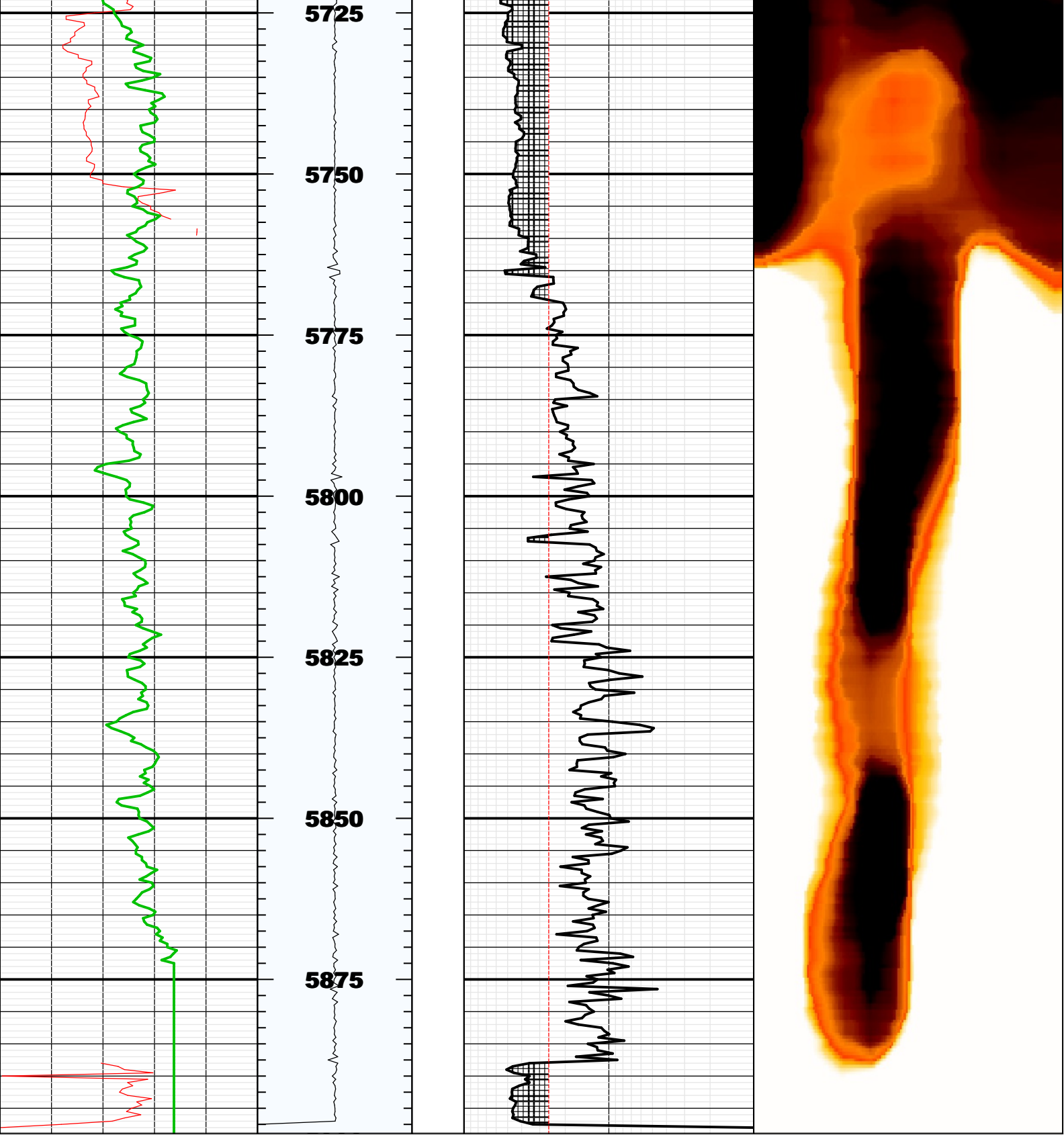
Repeat Pass

Company: Noble Energy Inc  
Well: Lynn LC35-750  
Field: Wildcat









# Fluid Properties Used for Main Pass

