

Company: Noble Energy Inc

Well: Cecil Farms PC 106-68-1HN
Field: Wattenberg
County: Weld State: Colorado

USI-LITE										County:		Weld							
										Field:		Wattenberg							
										Location:		NENE Sec. 6 T6N R66W							
										Well:		Cecil Farms PC 106-68-1HN							
										Company:		Noble Energy Inc							
Logging Date										API Serial No.		05-123-35998-0000		Section		Township		Range	
										6		6N		66W					
Run Number										1		27-Mar-2014							
Depth Driller										11923.0 F									
Schlumberger Depth										7500.0 F									
Bottom Log Interval										7500.0 F									
Top Log Interval										0.0 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																			
To																			
Casing Size										7.00 IN									
Weight										26.00 LB/F									
Grade										P-110									
From																			
To																			
Max Recorded Temp																			
Logger on bottom (date)										27-Mar-2014									
Location										Ft. Morgan CO									
Recorded By										Tim Hoffman									
Witnessed By										Eric Klem									

DEPTH SUMMARY LISTING

DEPTH SYSTEM EQUIPMENT

Depth Measuring Device		Tension Device		Logging Cable	
Type:	IDW-B	Type:	CMTD-B/A	Serial Number:	711136
Serial Number:	6239	Serial Number:	1109	Length:	13500
Calibration Date:	10-Jan-2014	Calibration Date:	17-Mar-2014		
Calibration Cable Type:	7-39P-LXS	Calibrator Serial Number:	78135		
Wheel Correction 1:	-4	Number Of Calibration Points:	10		
Wheel Correction 2:	-2	Calibration RMS:	4.00000		
		Calibration Peak Error:	7.00000		

DISCLAIMER

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This is the first run in hole
Toolstring run as per tool sketch

Lead Cement 12.5 ppg
Tail Cement 13.8 ppg

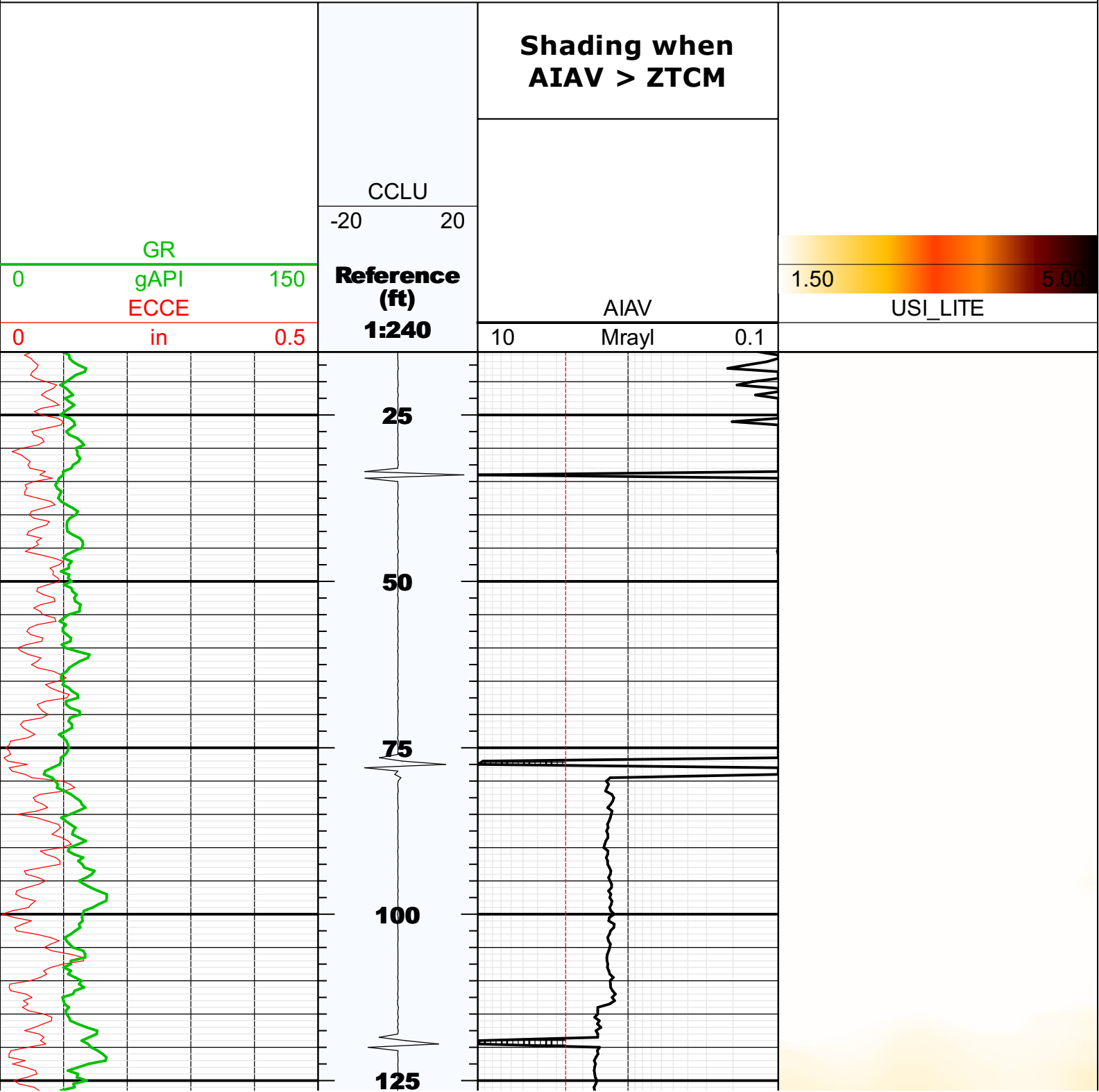
0 PSI repeat pass
3000 PSI main pass

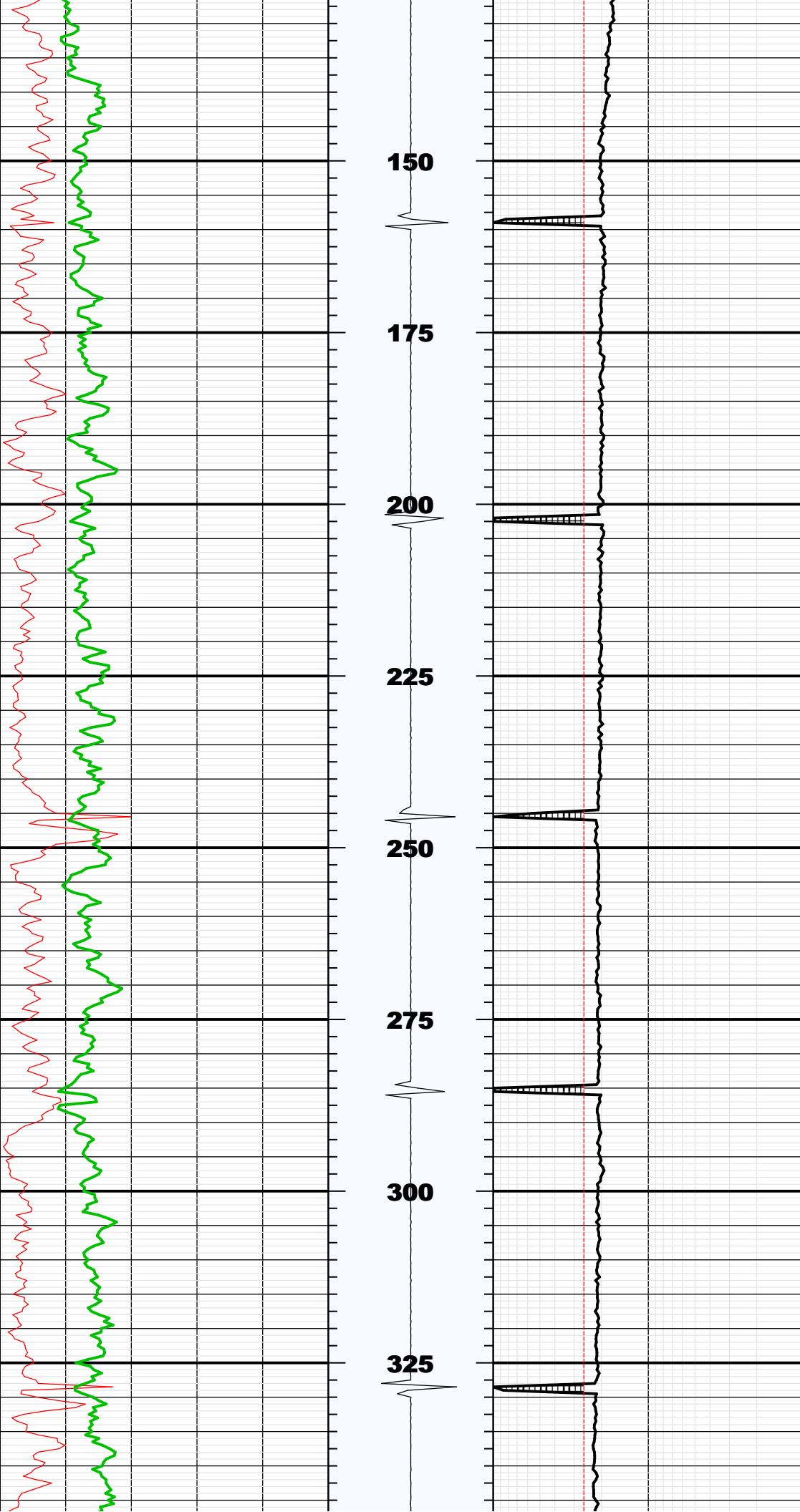
Rig Crane

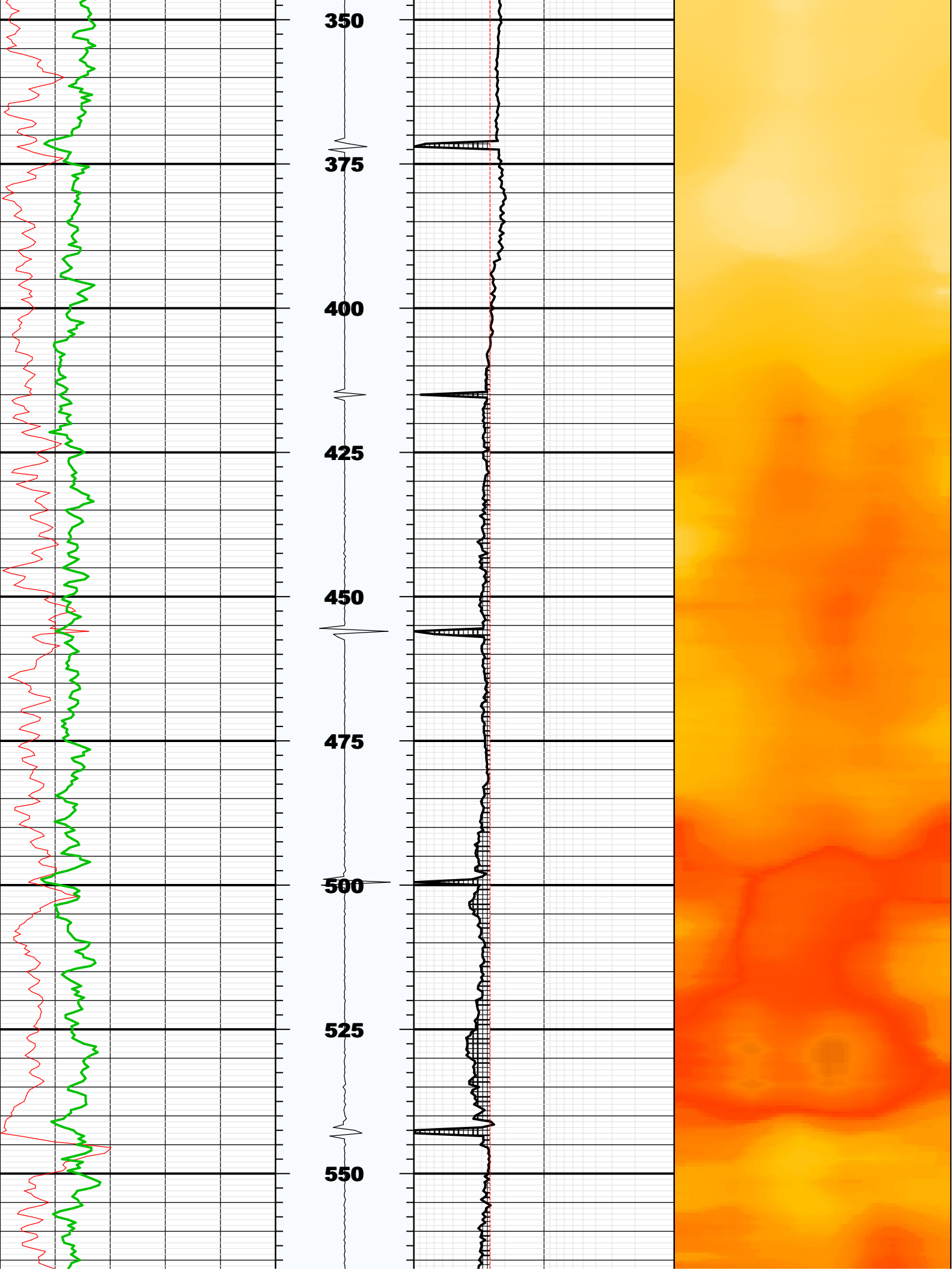
Crew Derrick Hunter Jay Musgrave

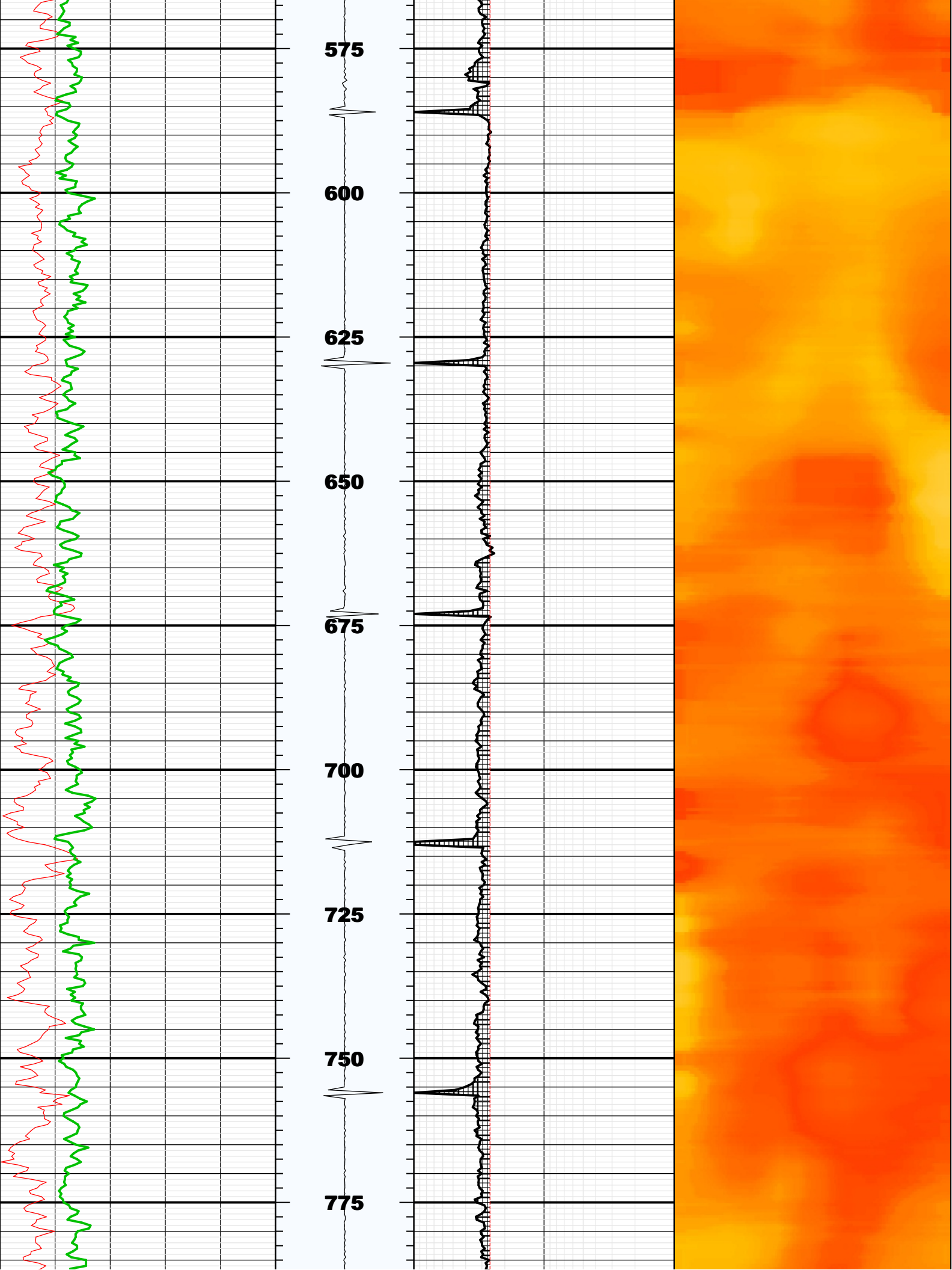
Main Pass

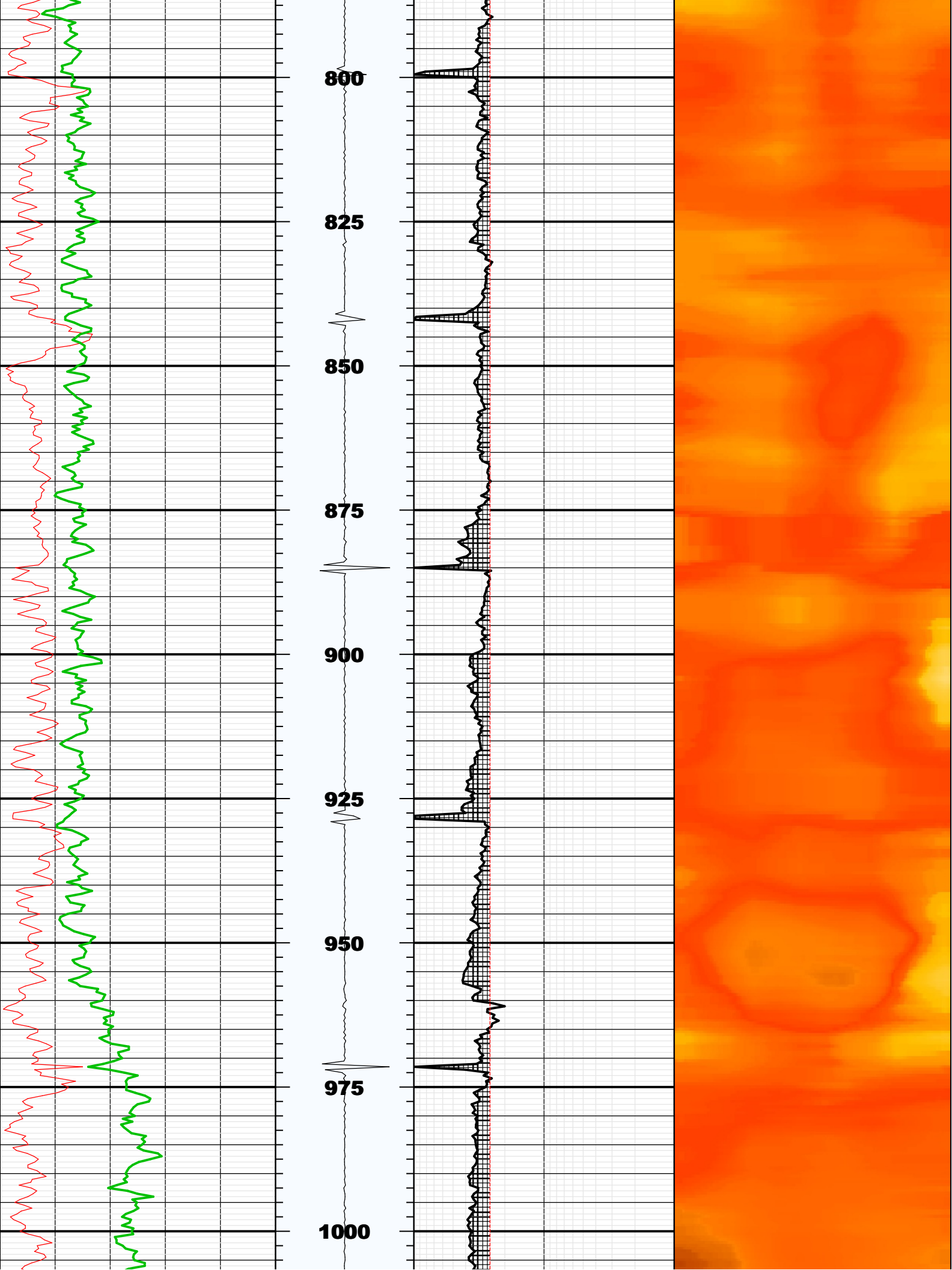
Company: Noble Energy Inc
Well: Cecil Farms PC I06-68-1HN
Field: Wattenberg

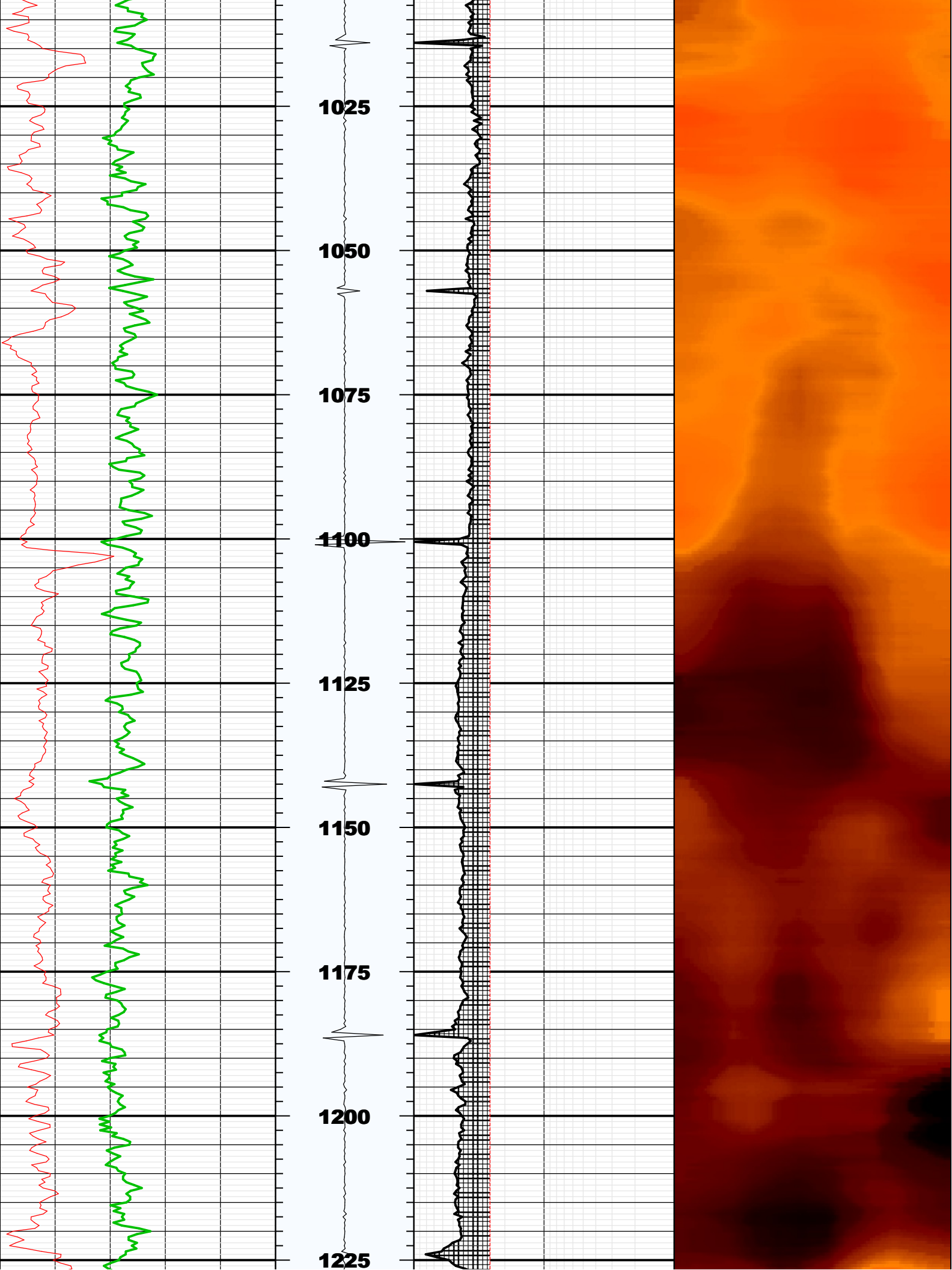


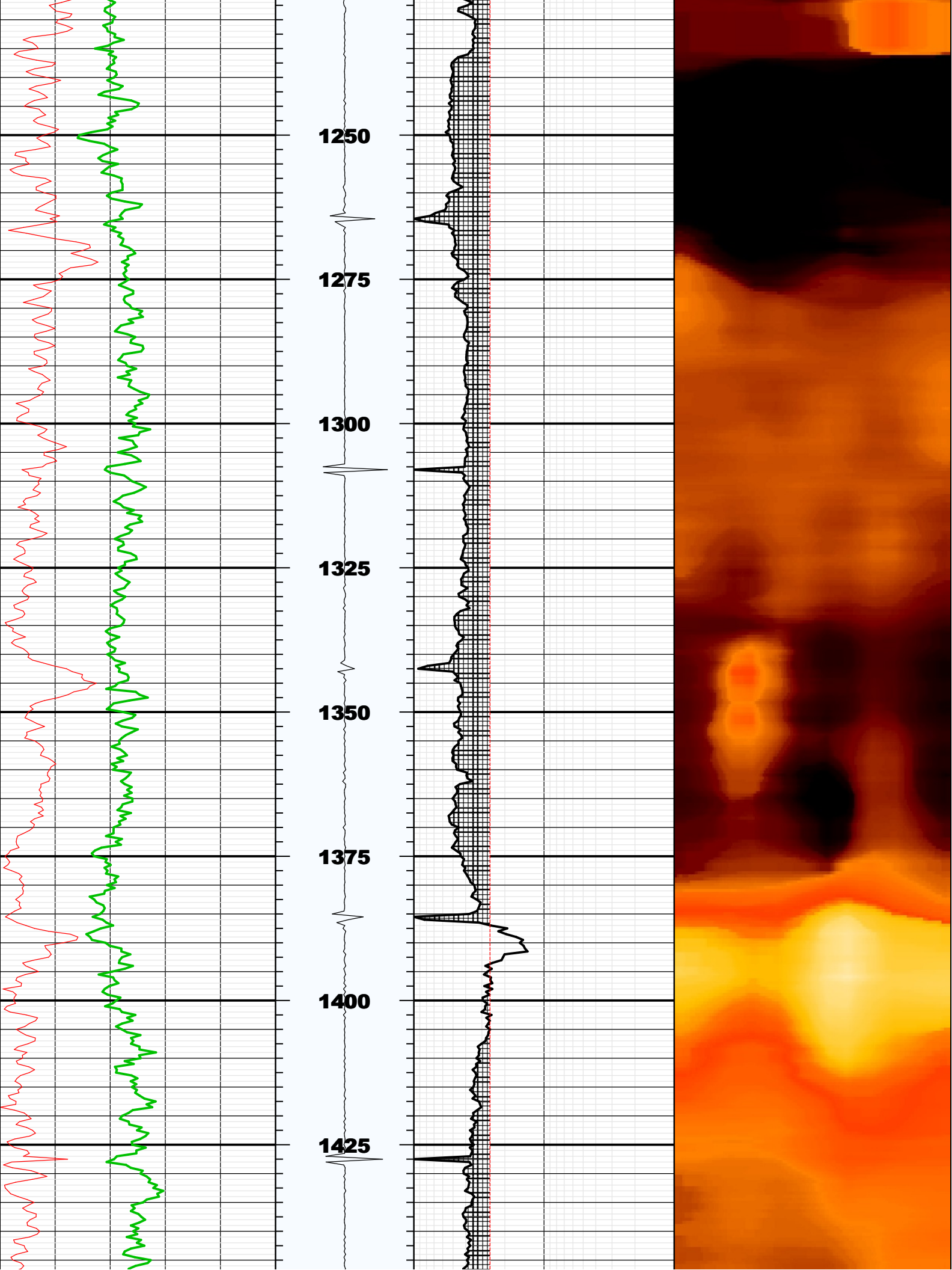


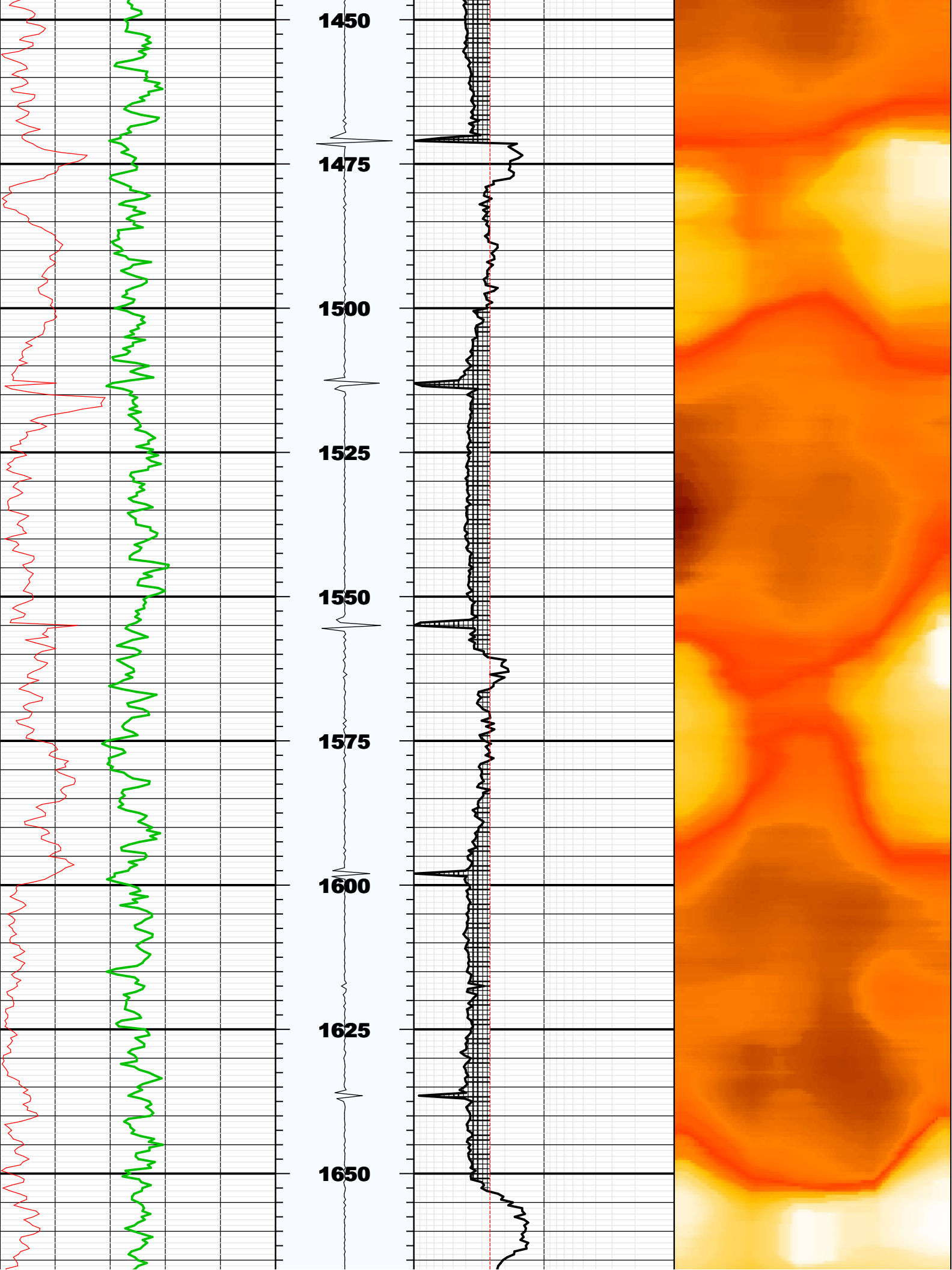


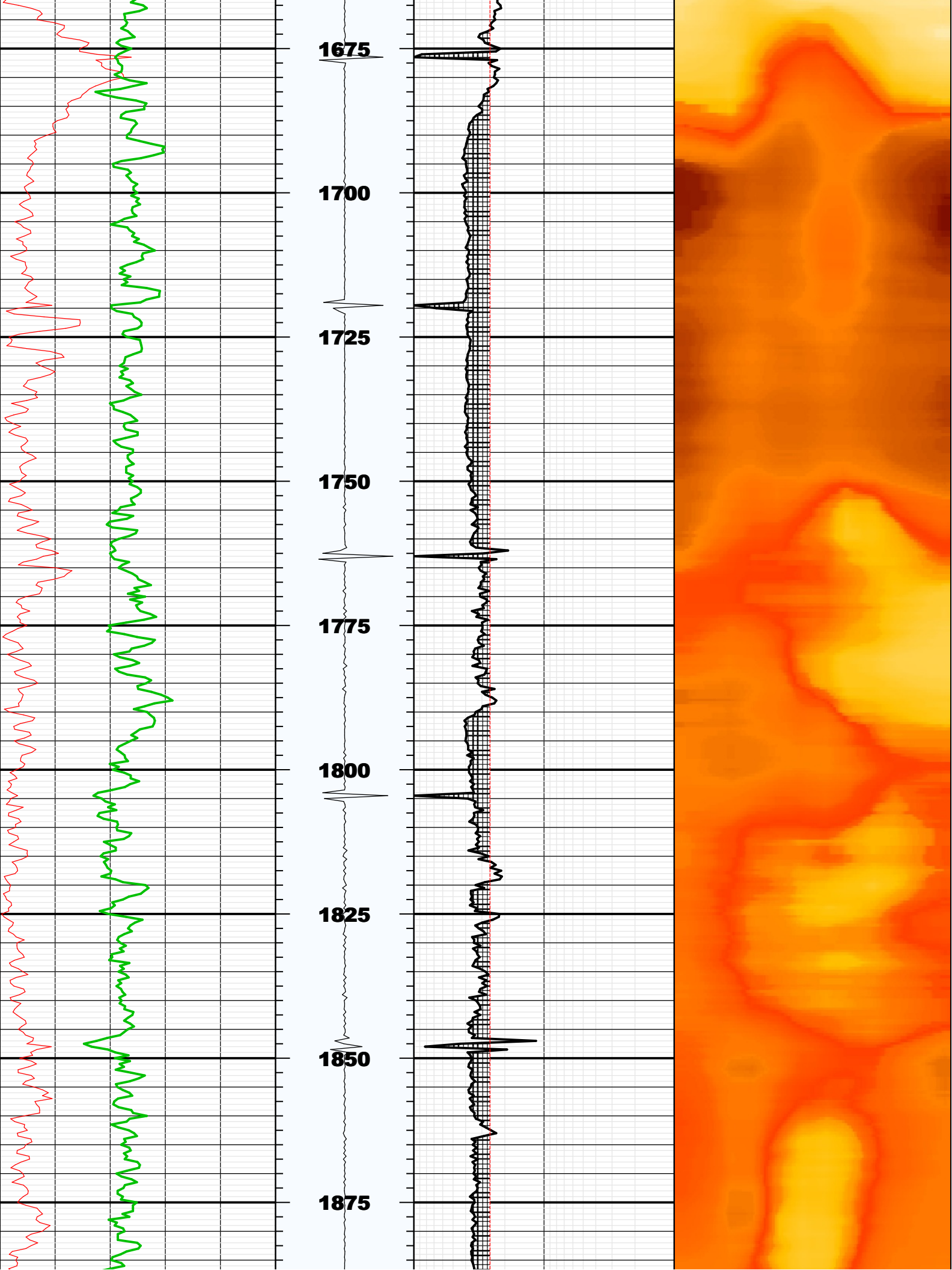


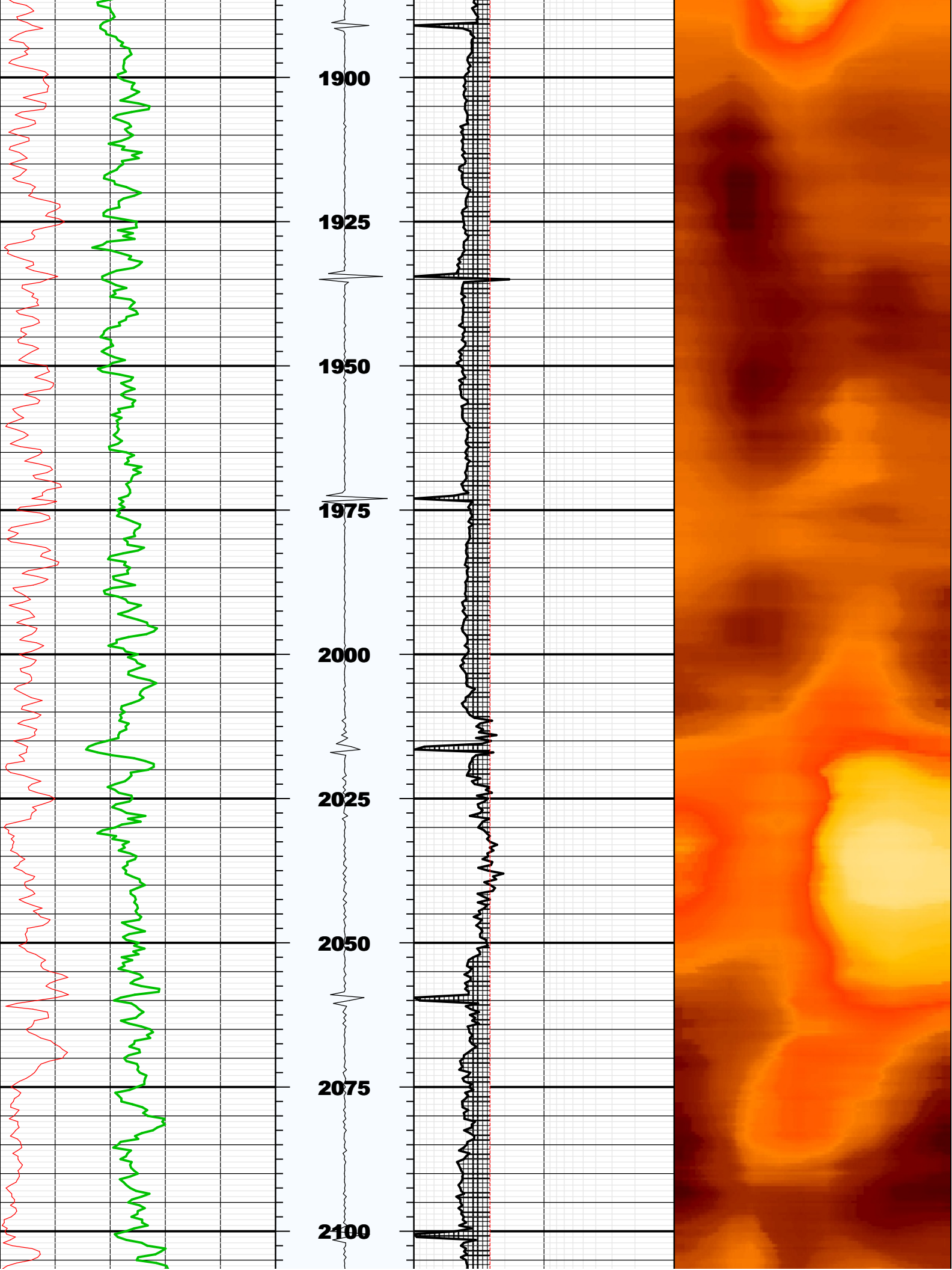


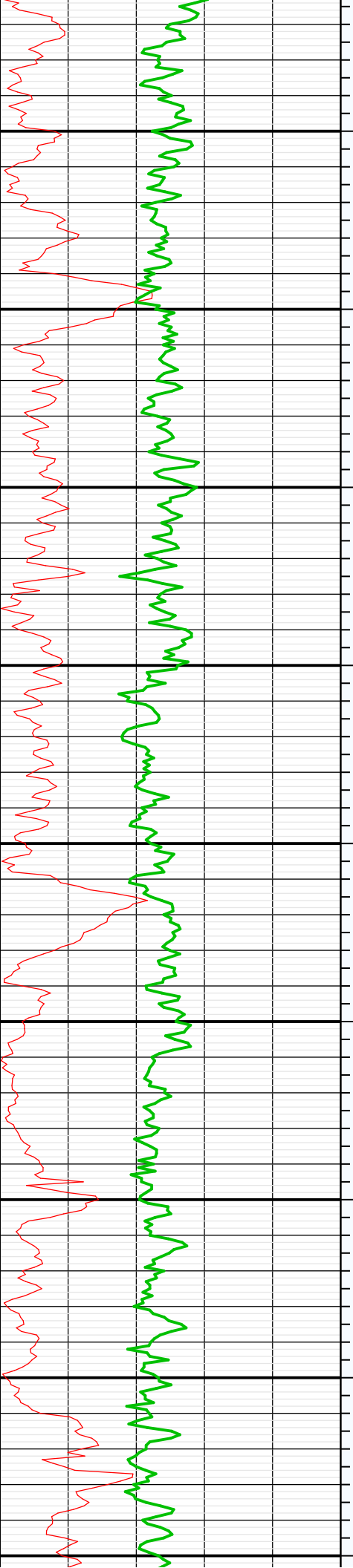












2125

2150

2175

2200

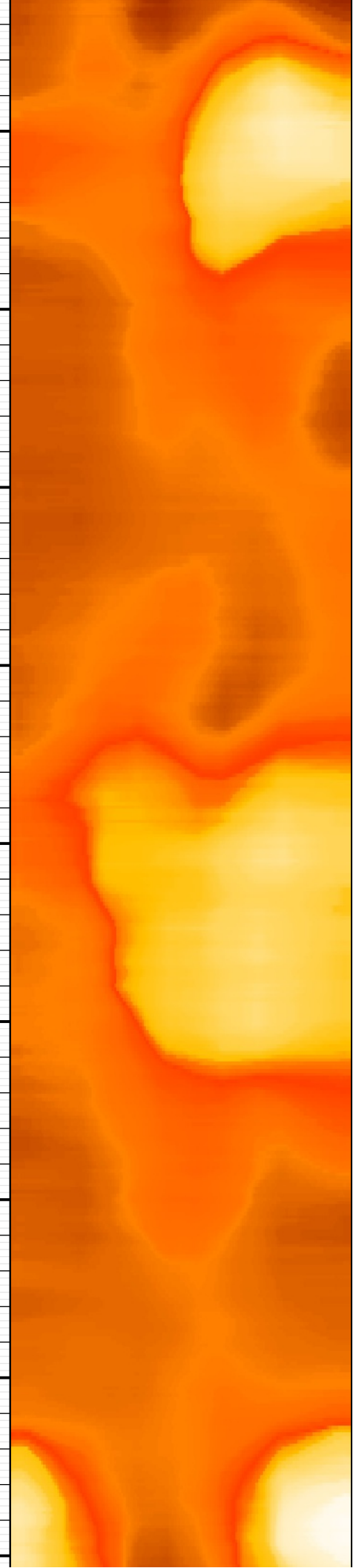
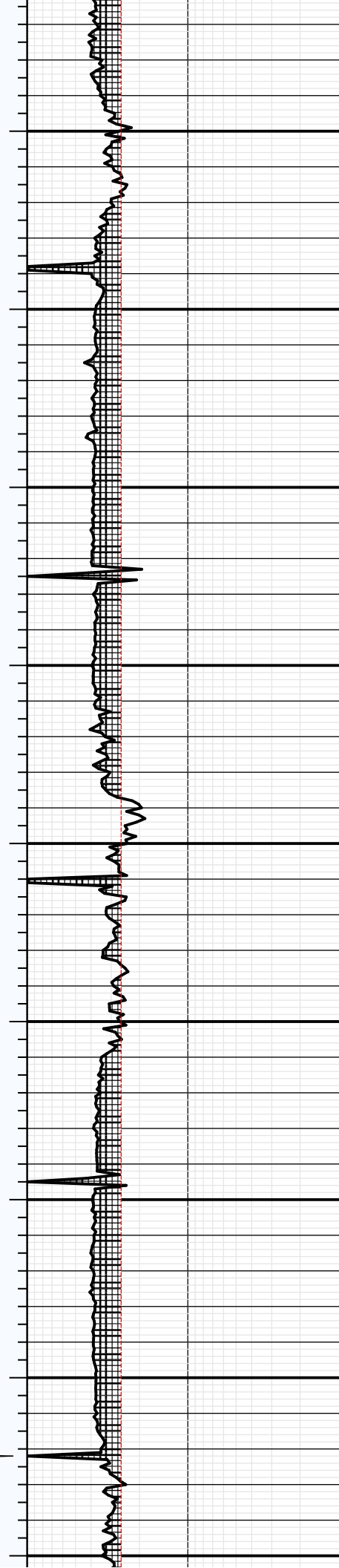
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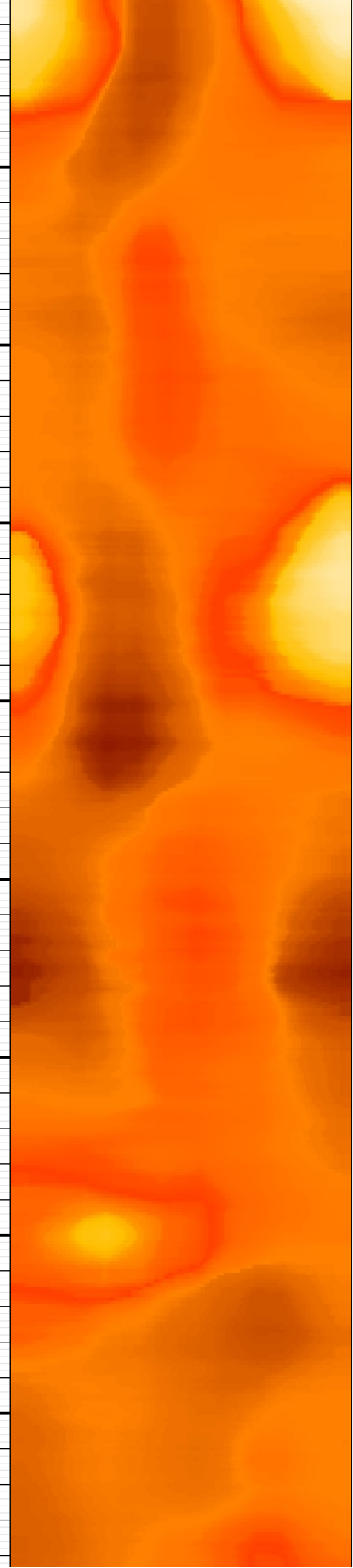
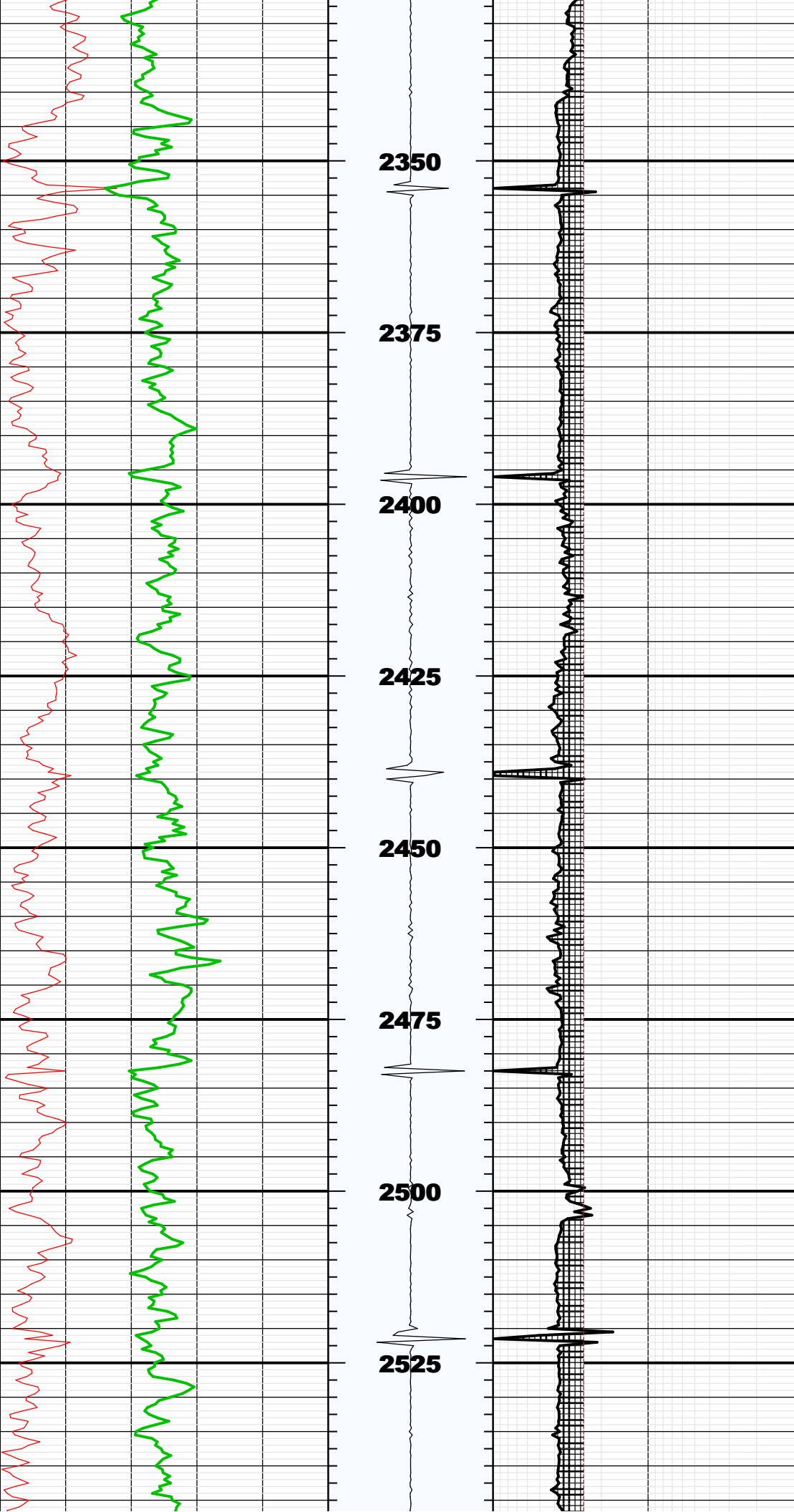
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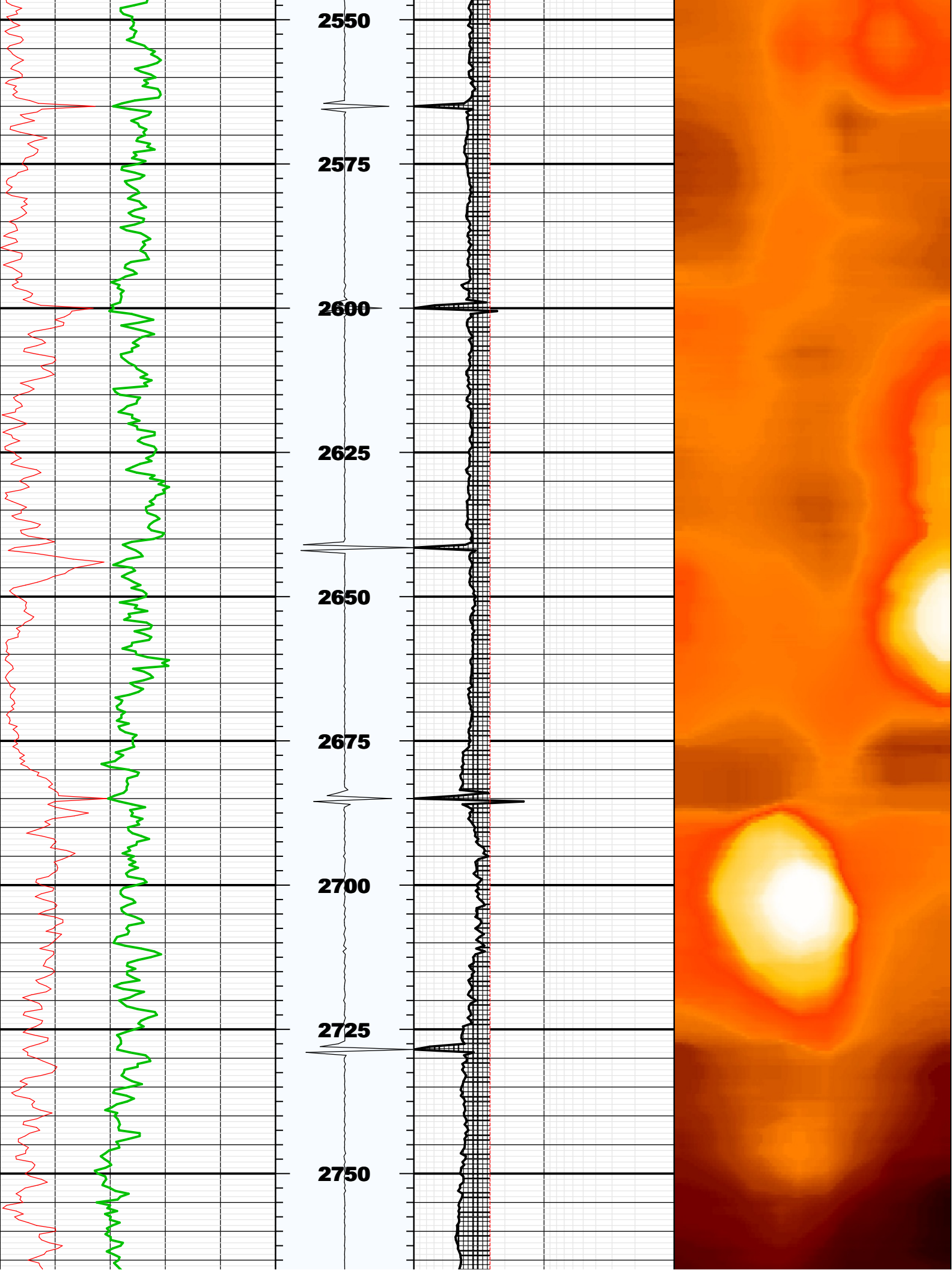
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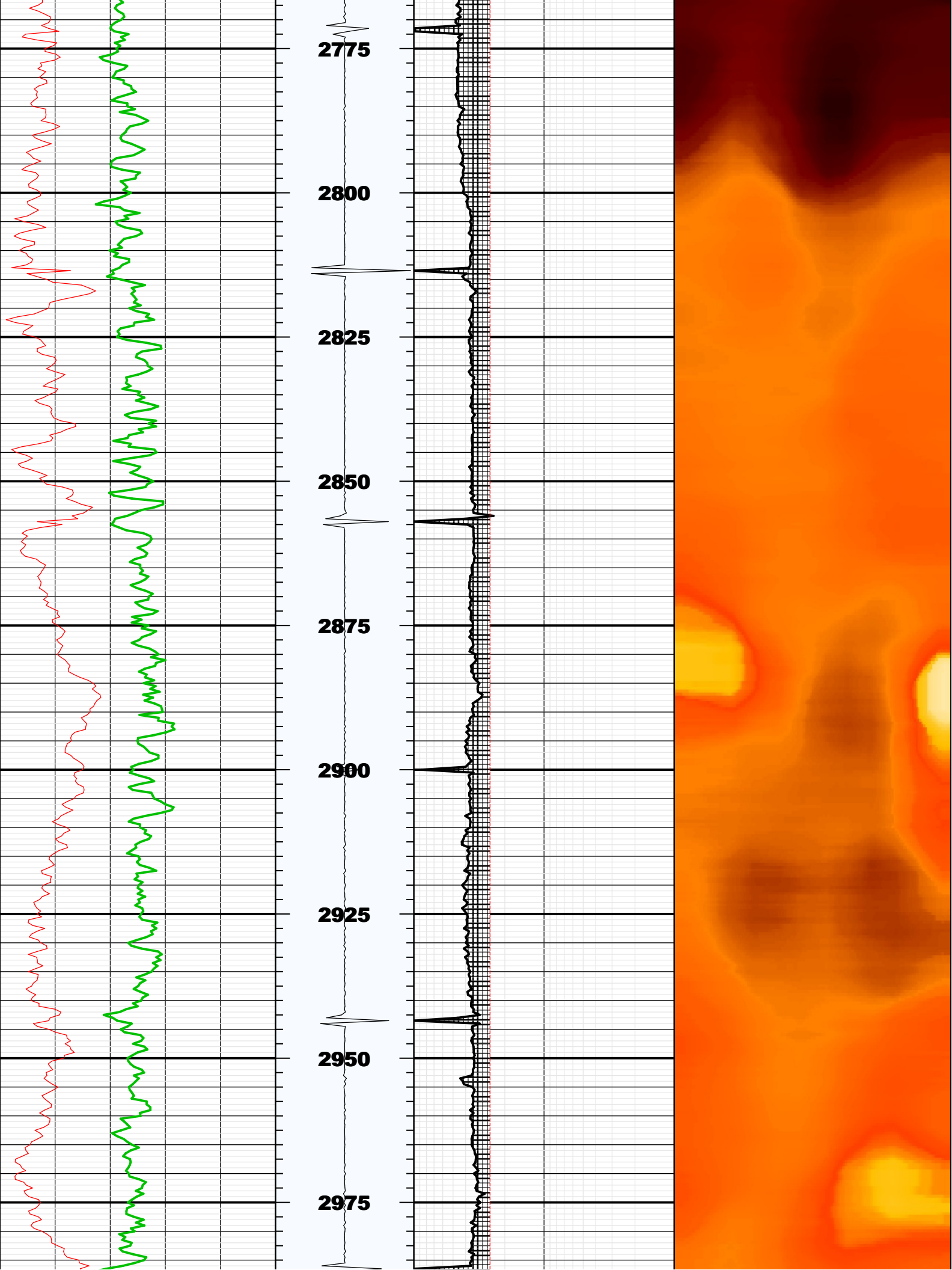
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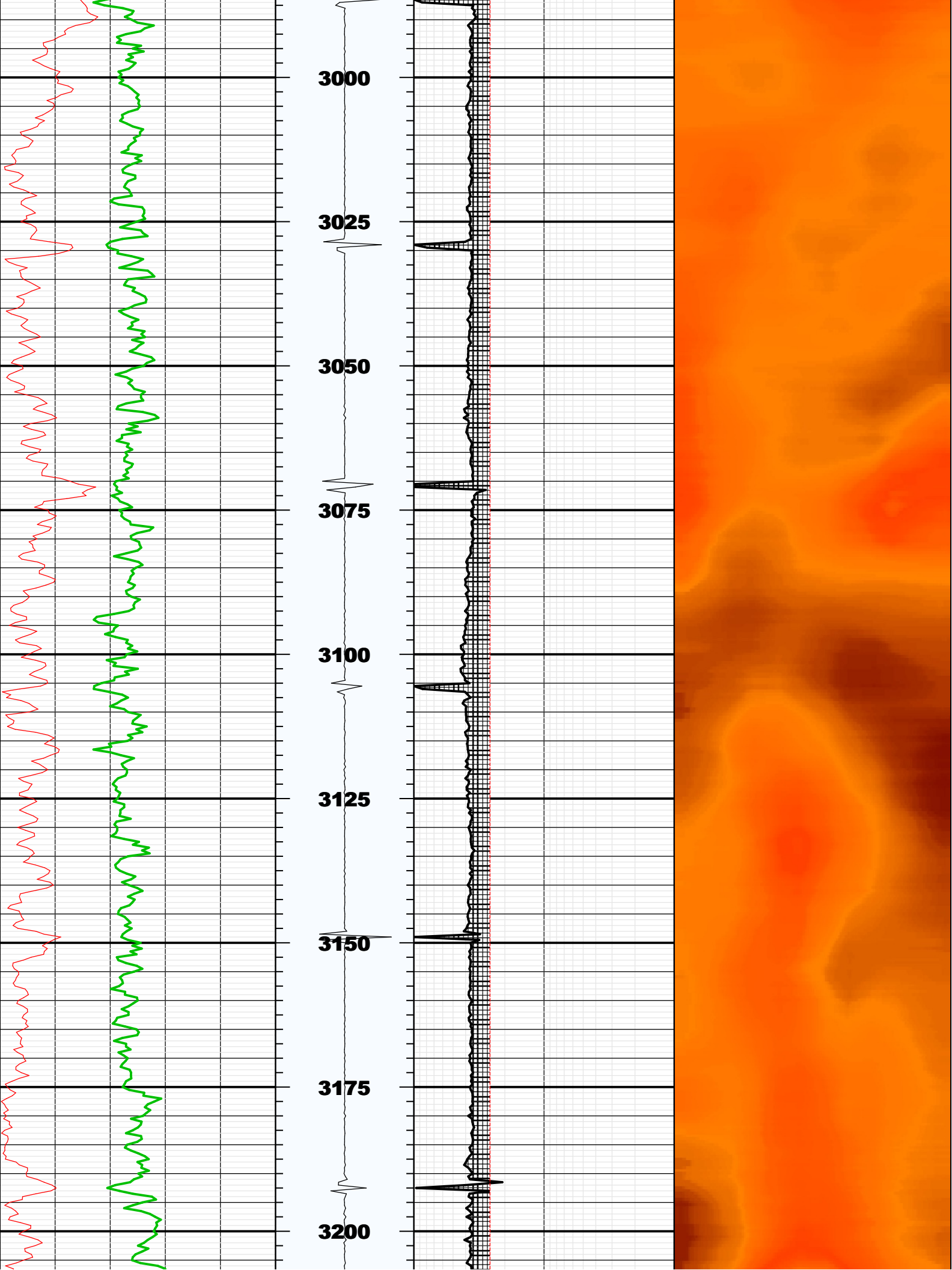
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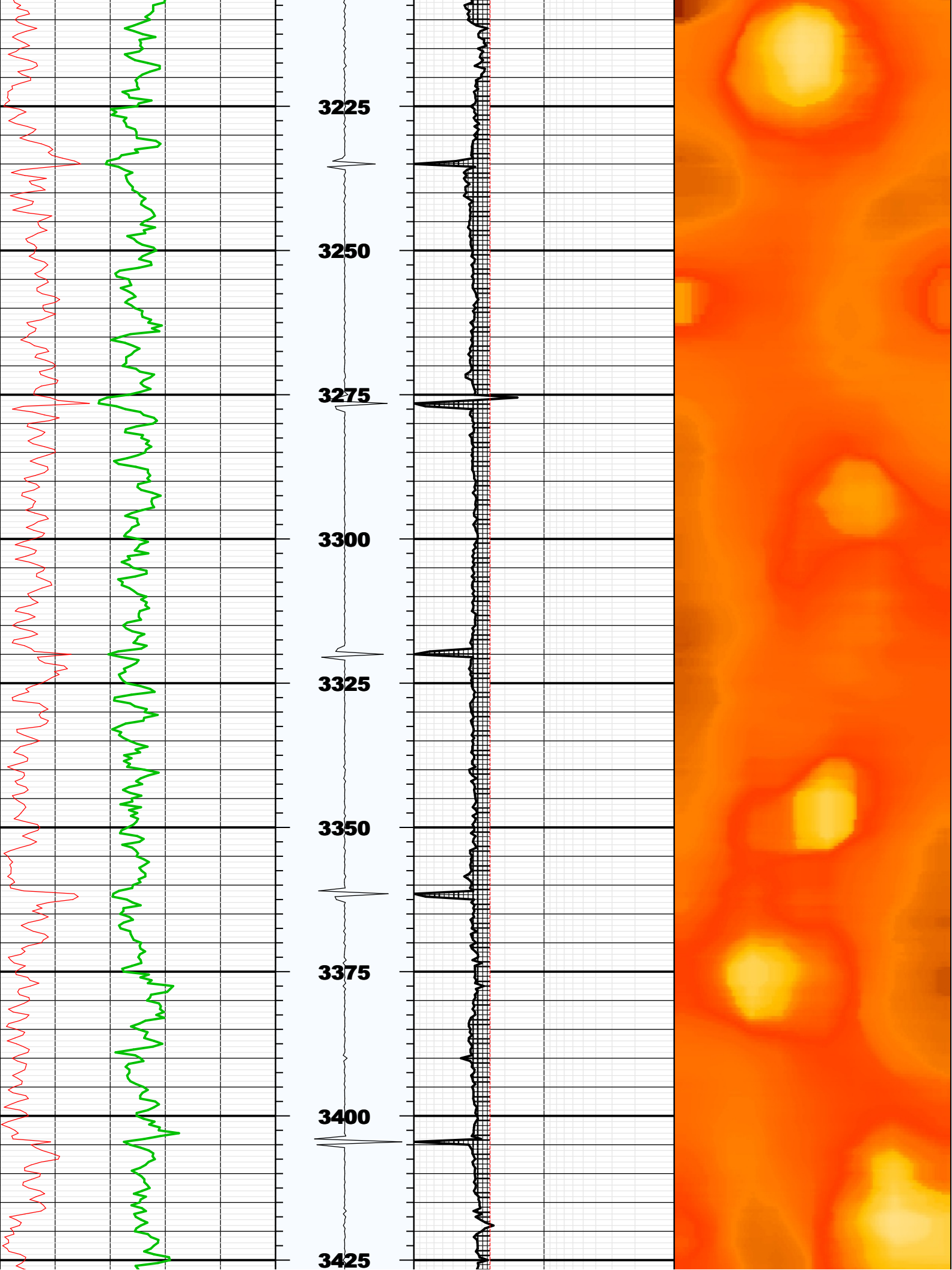


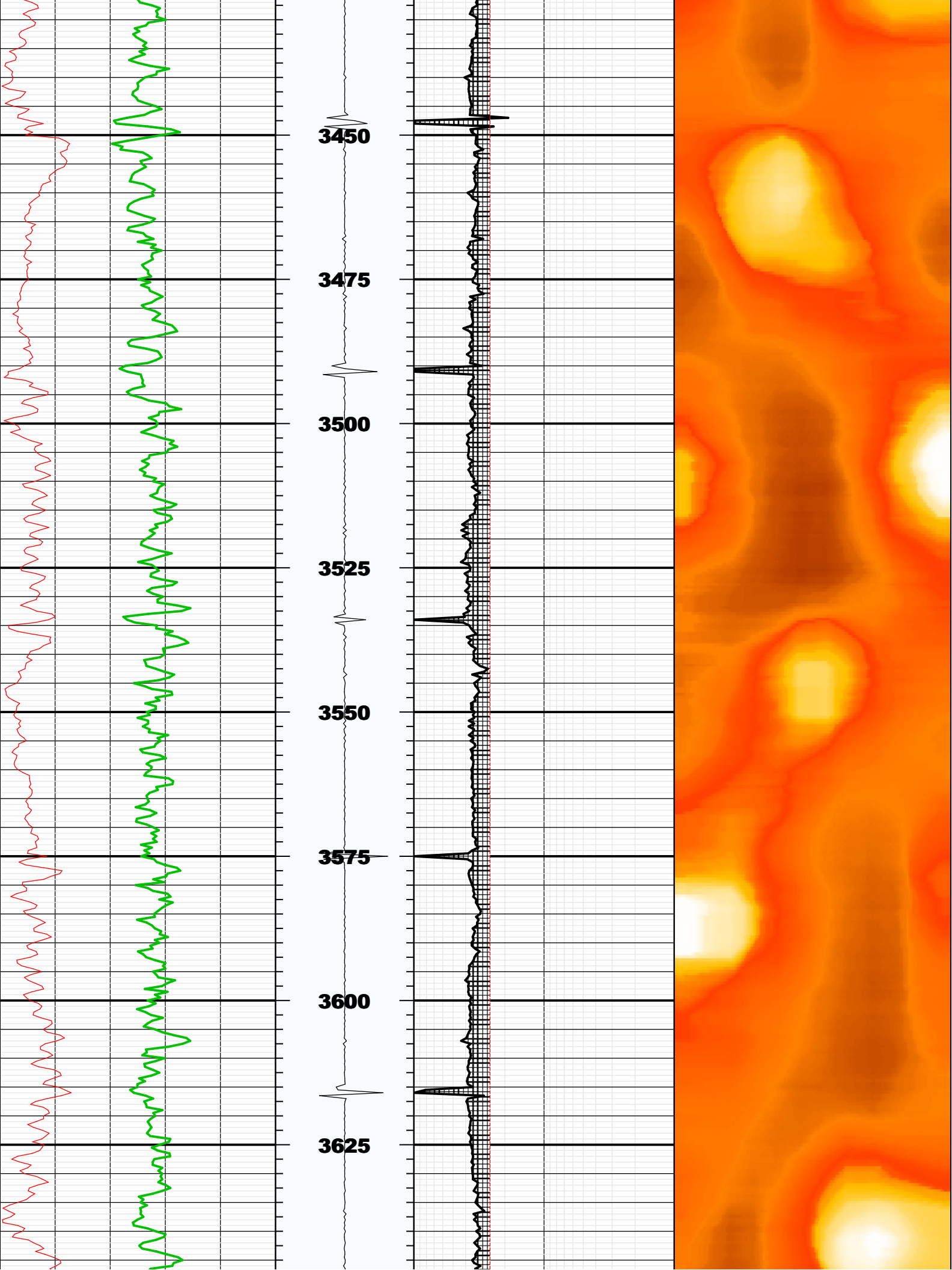


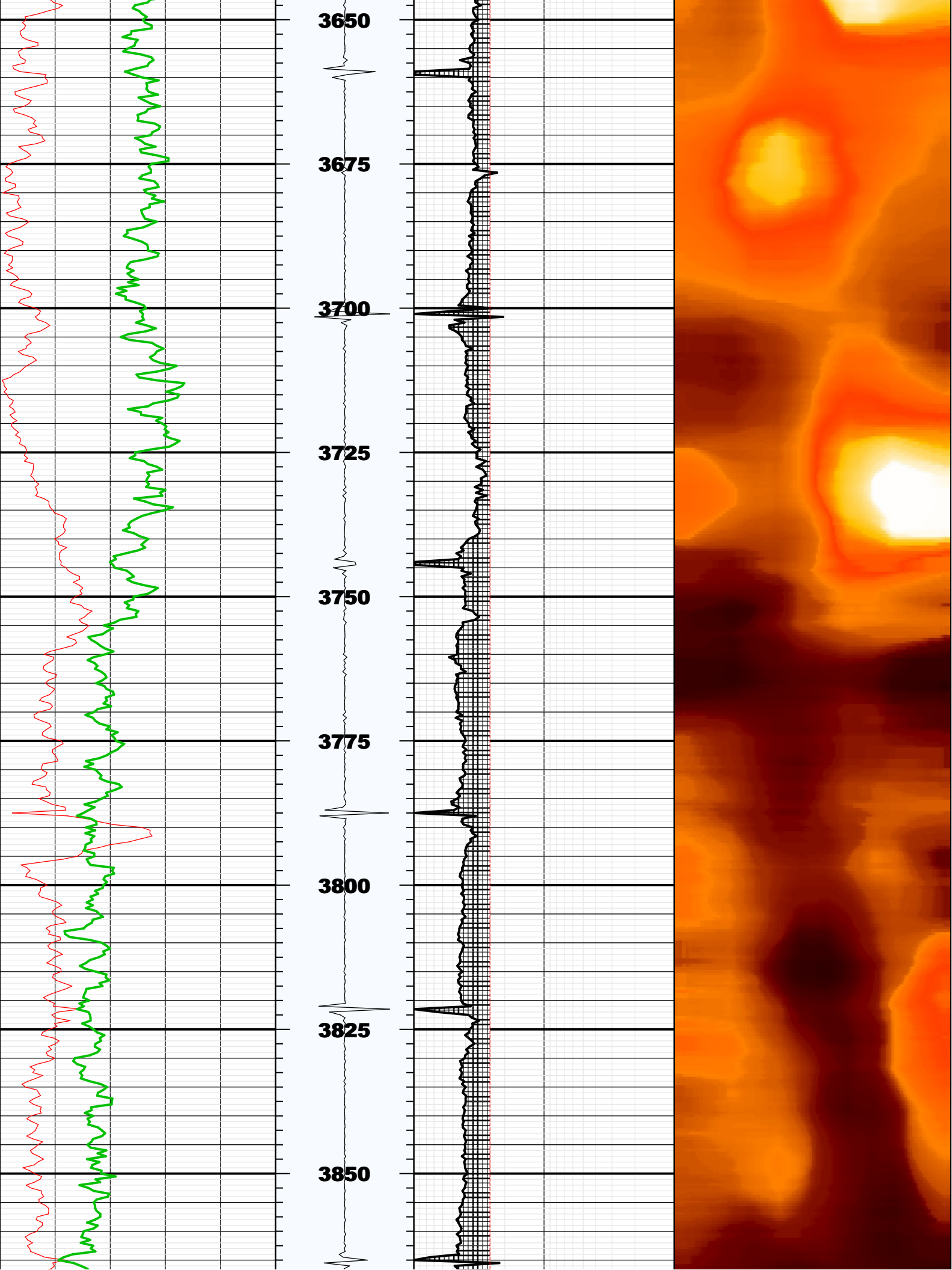


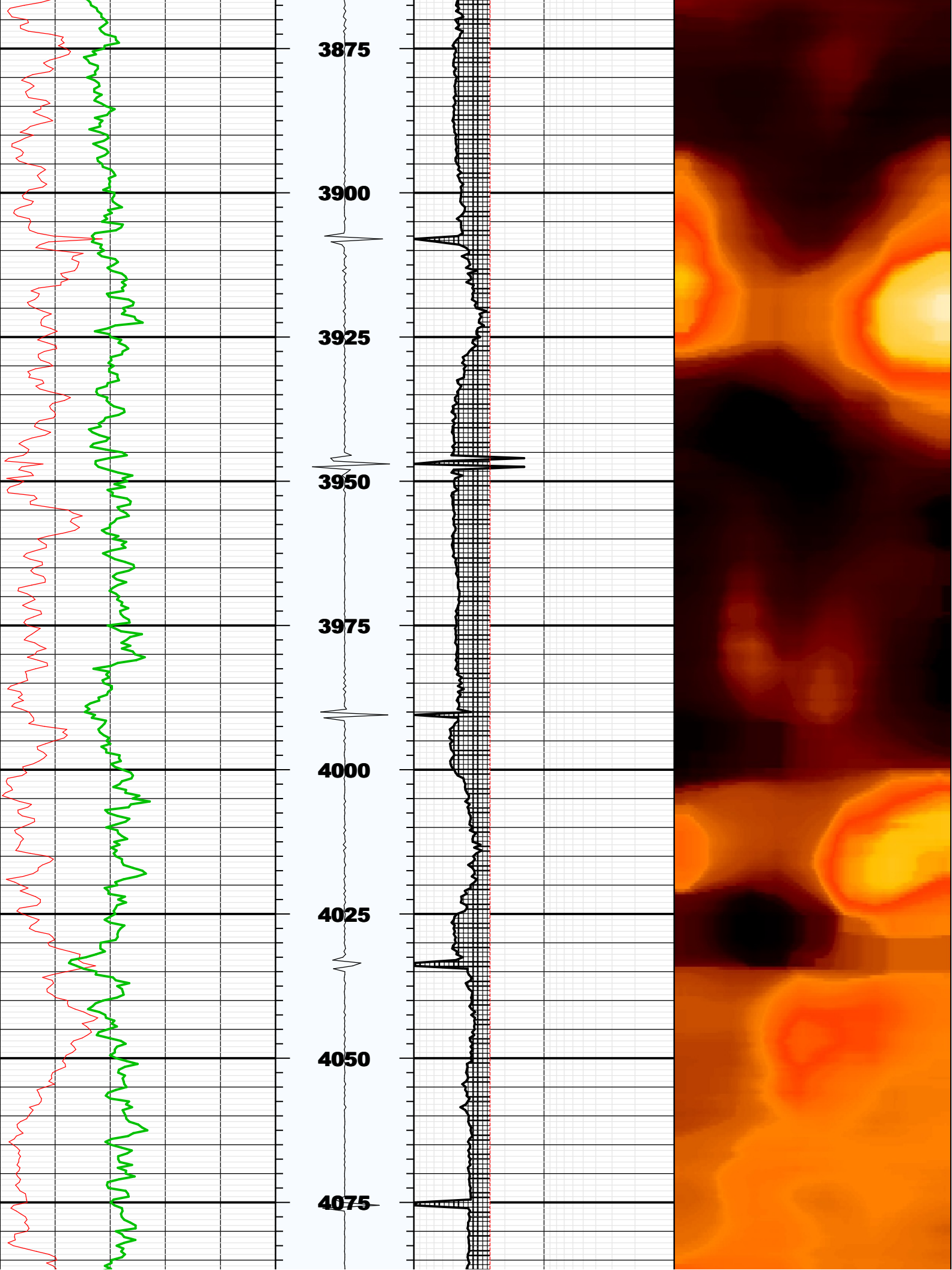


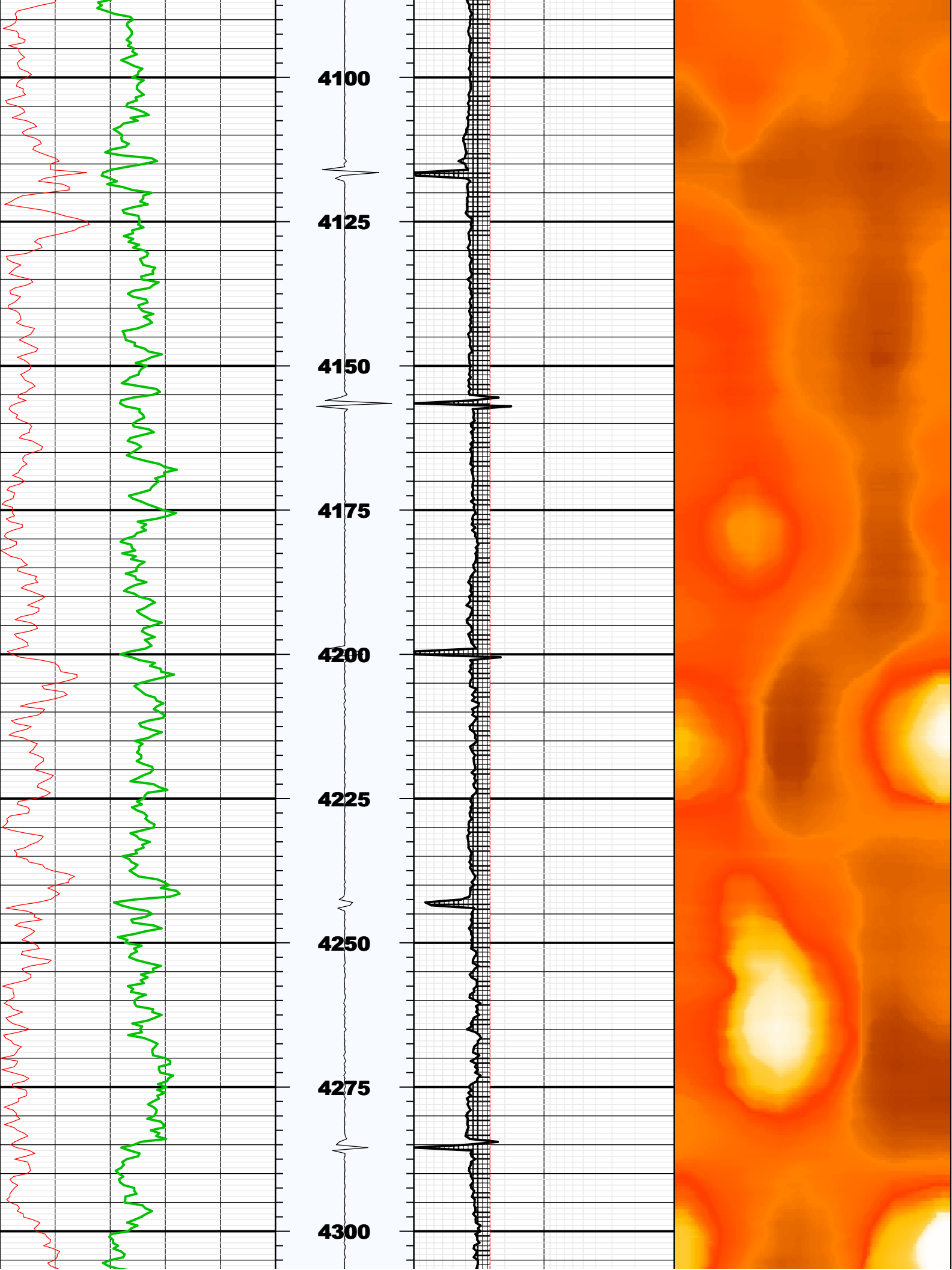


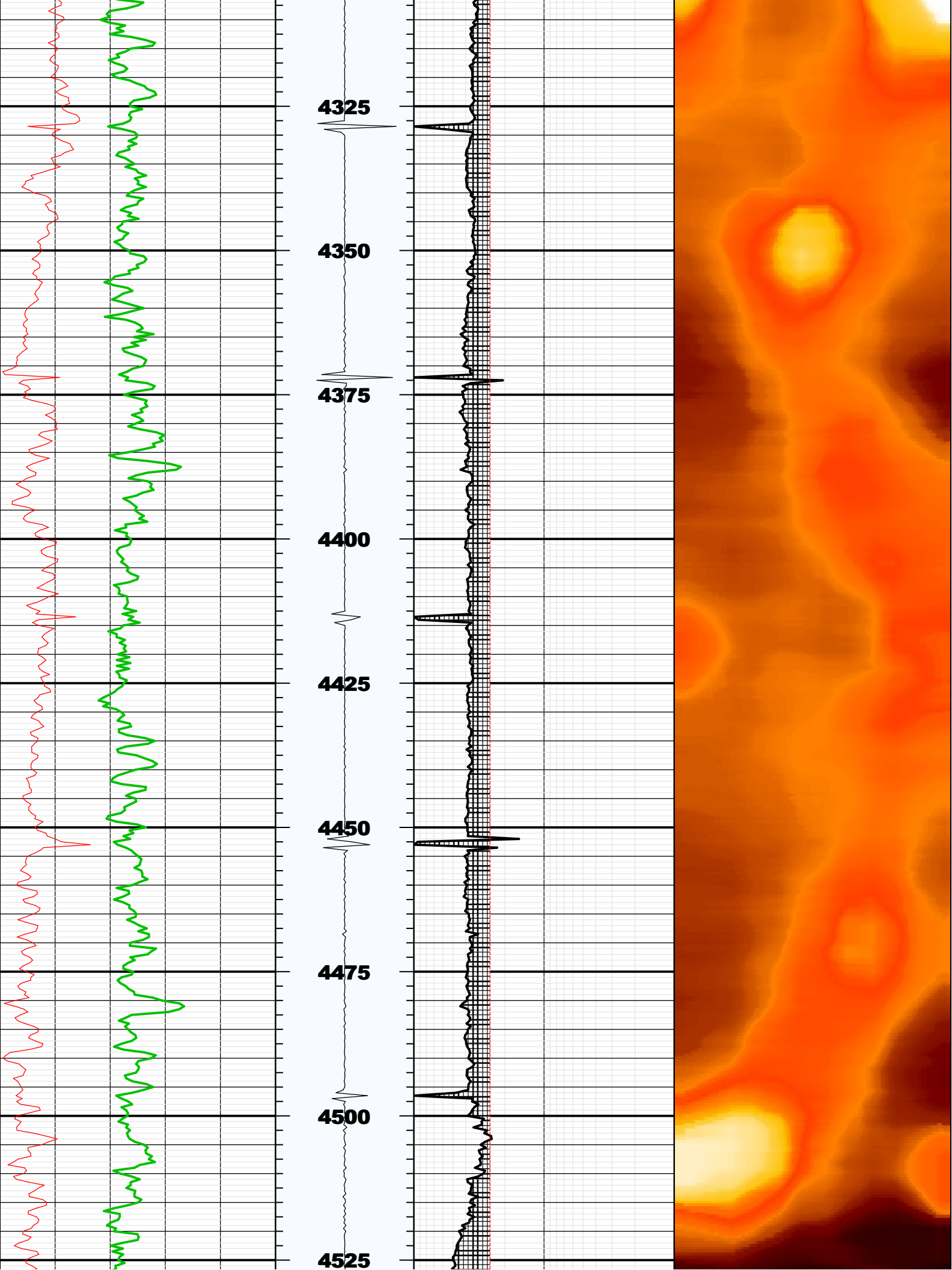


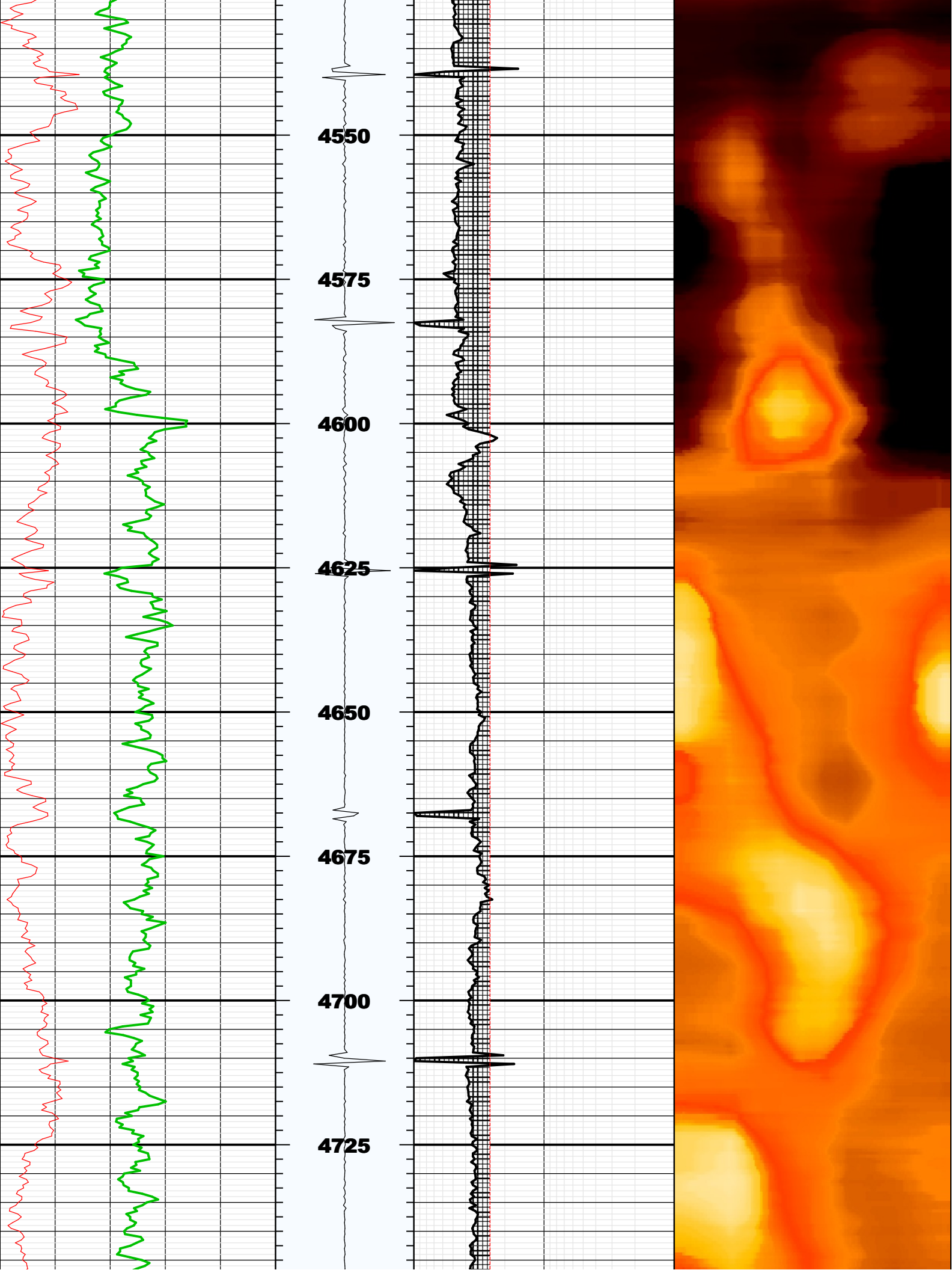


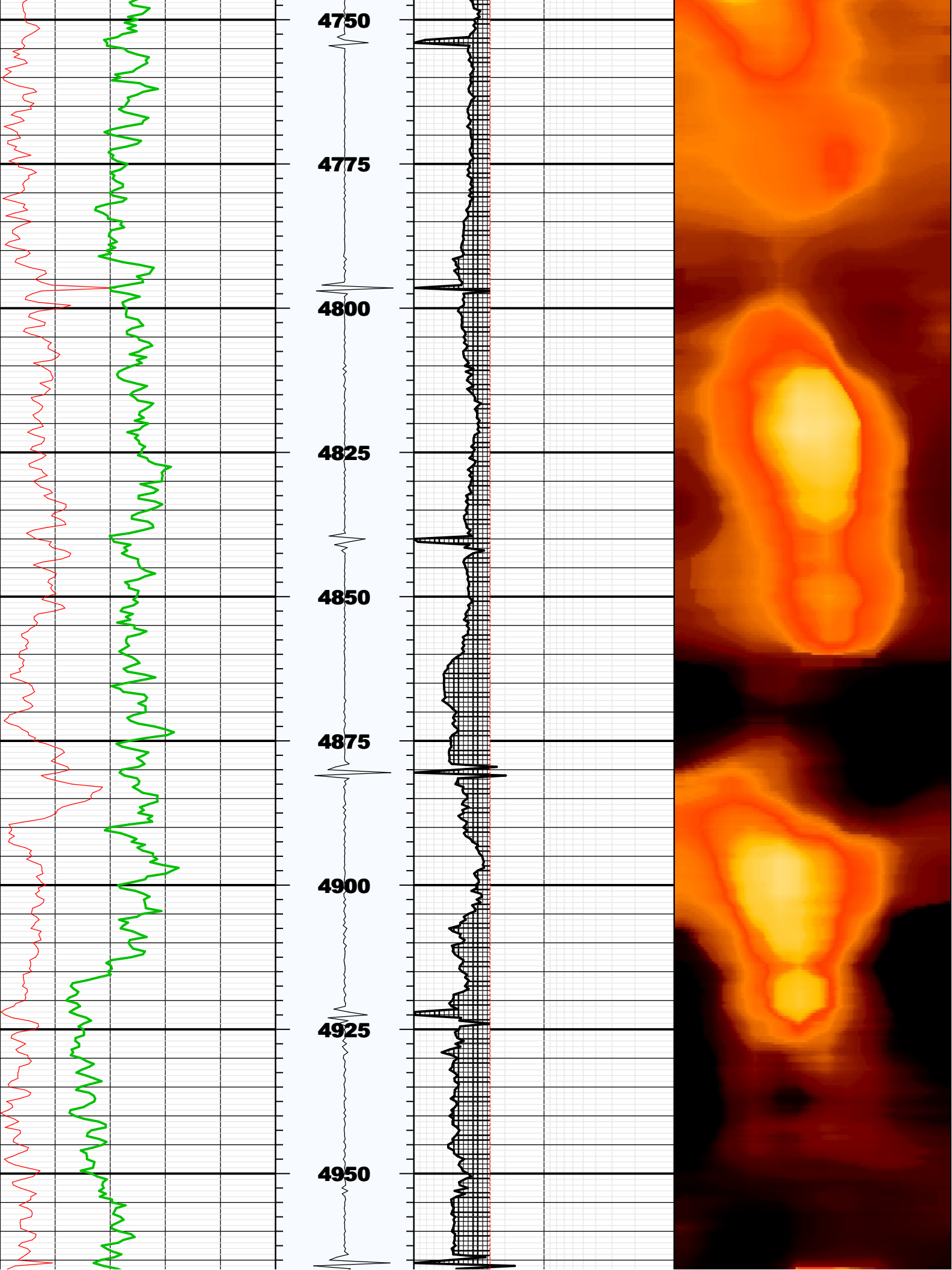


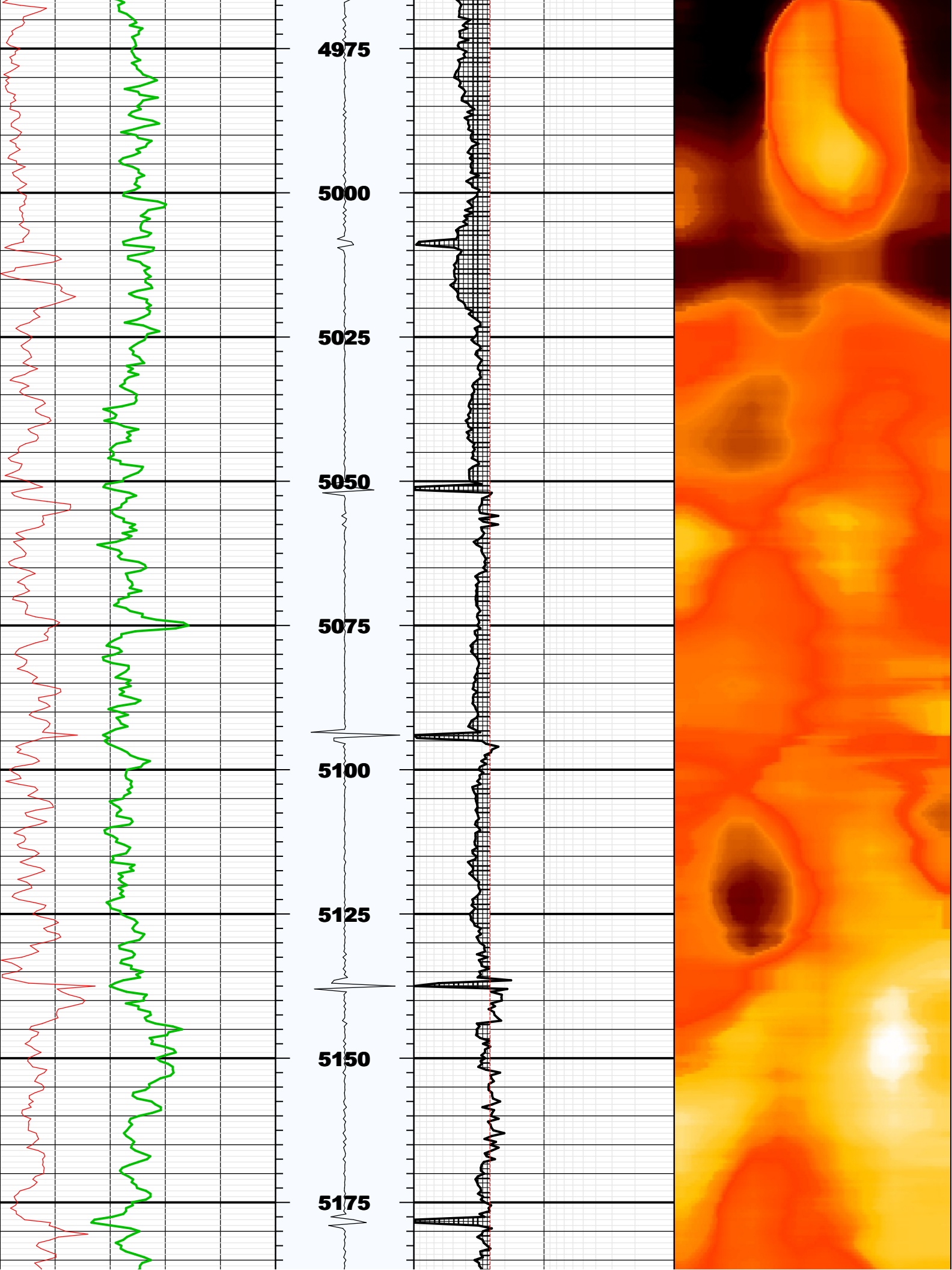


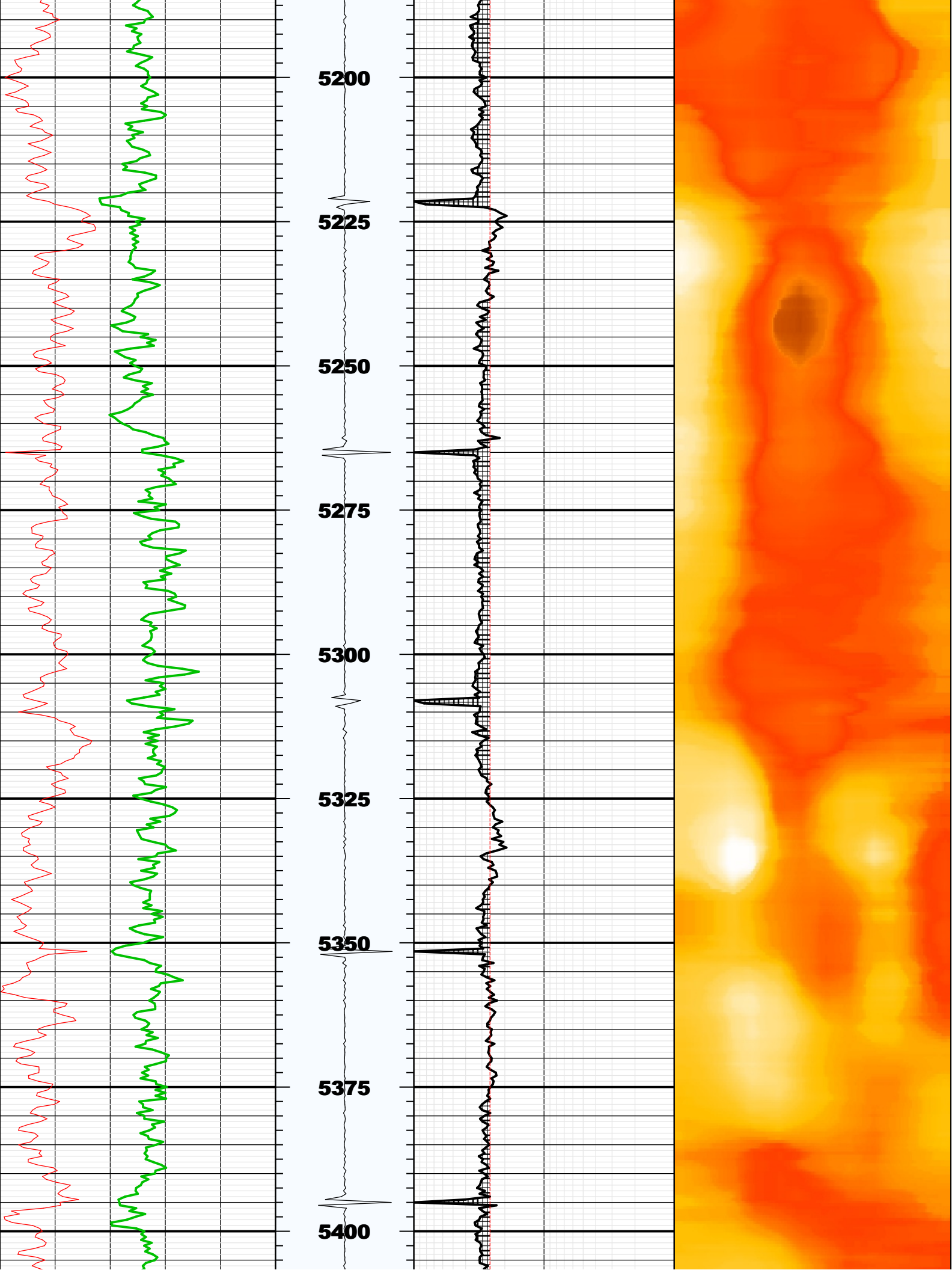


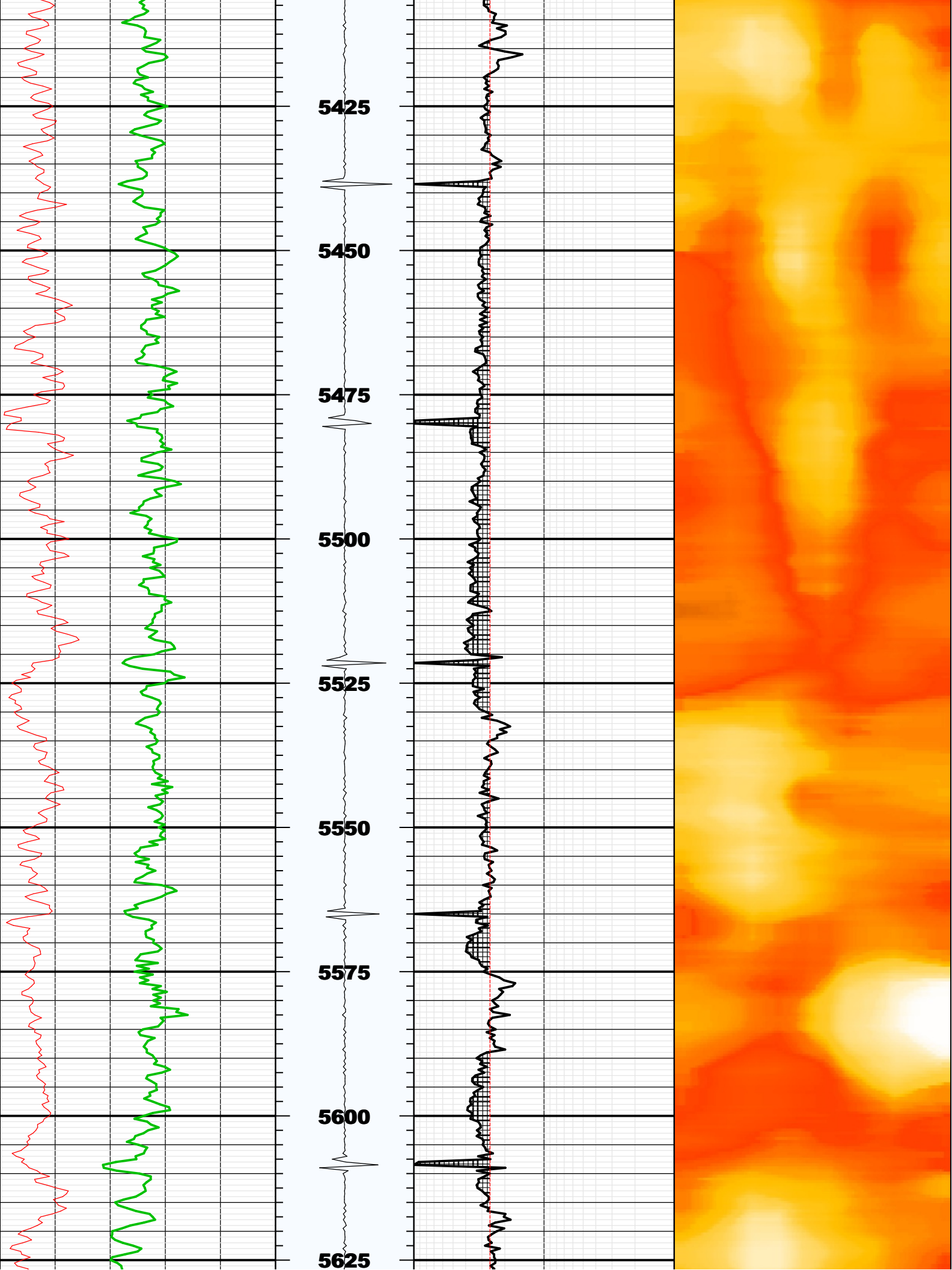


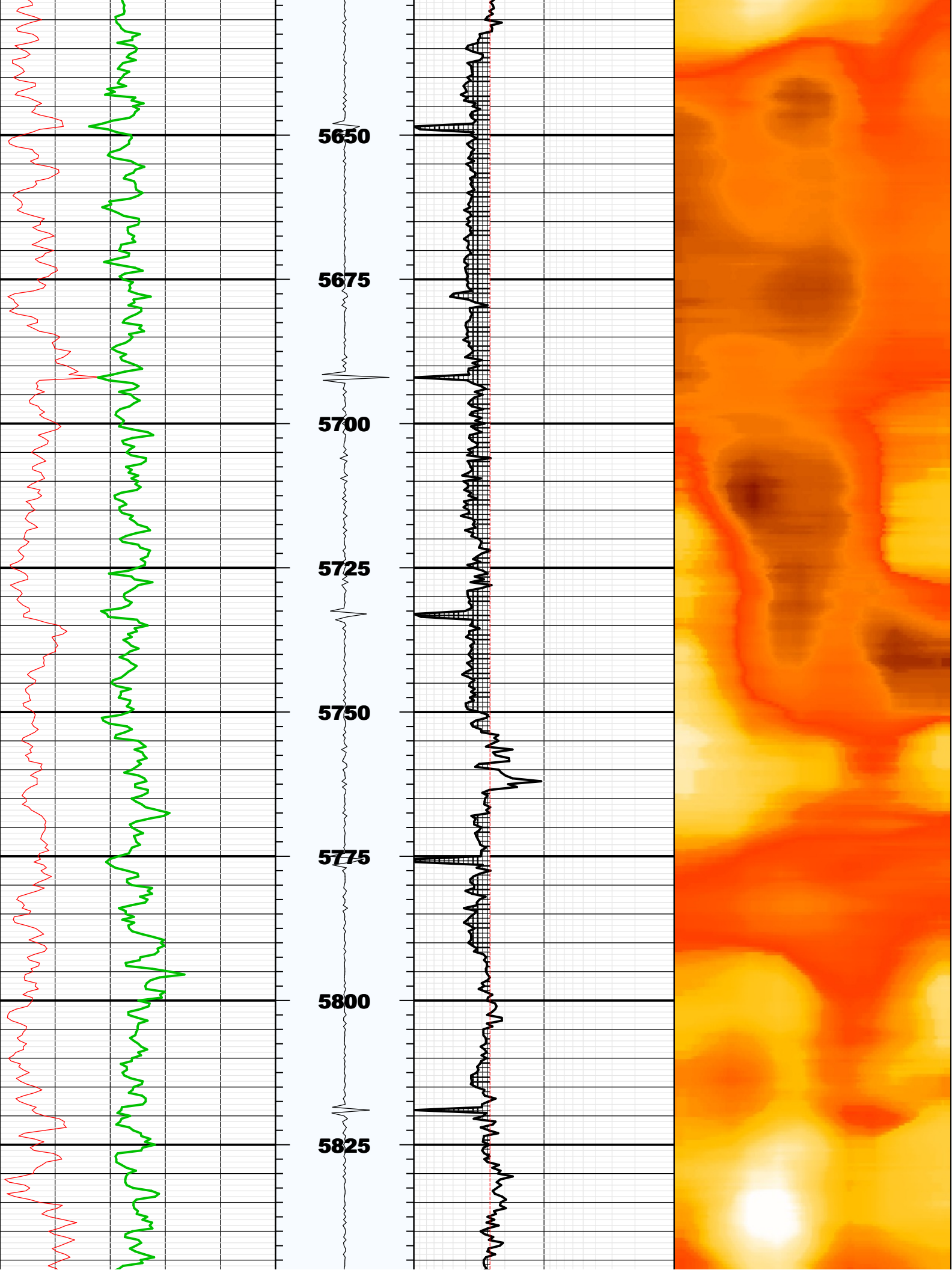


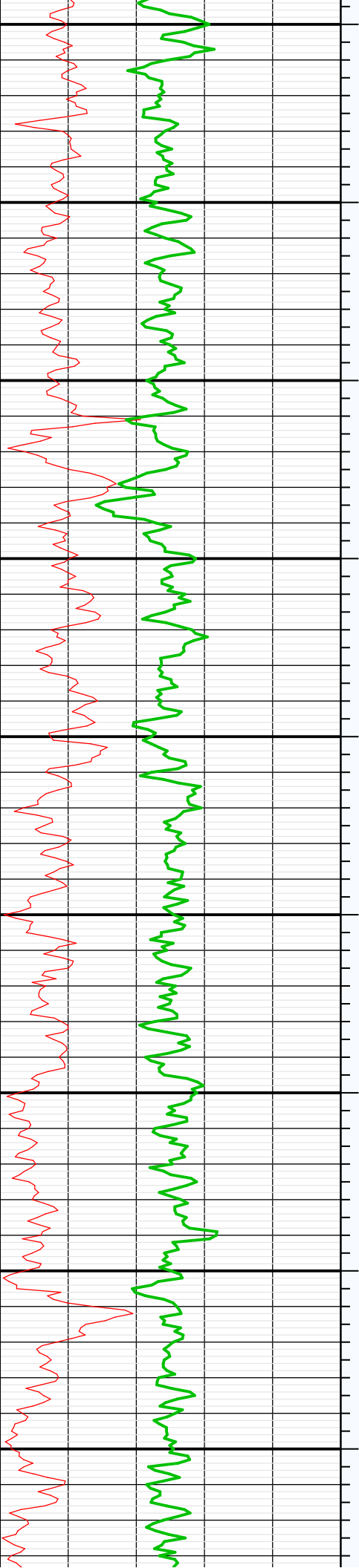












5850

5875

5900

5925

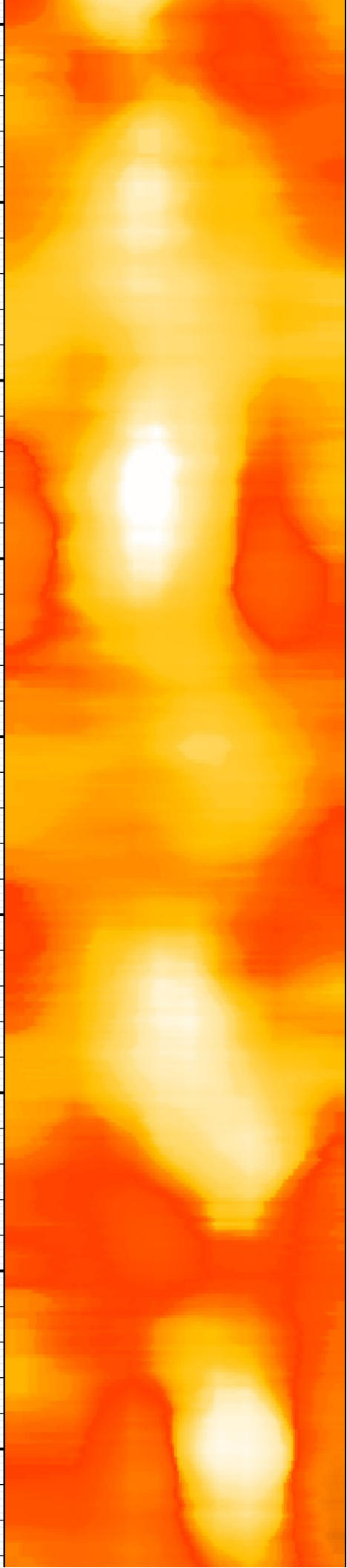
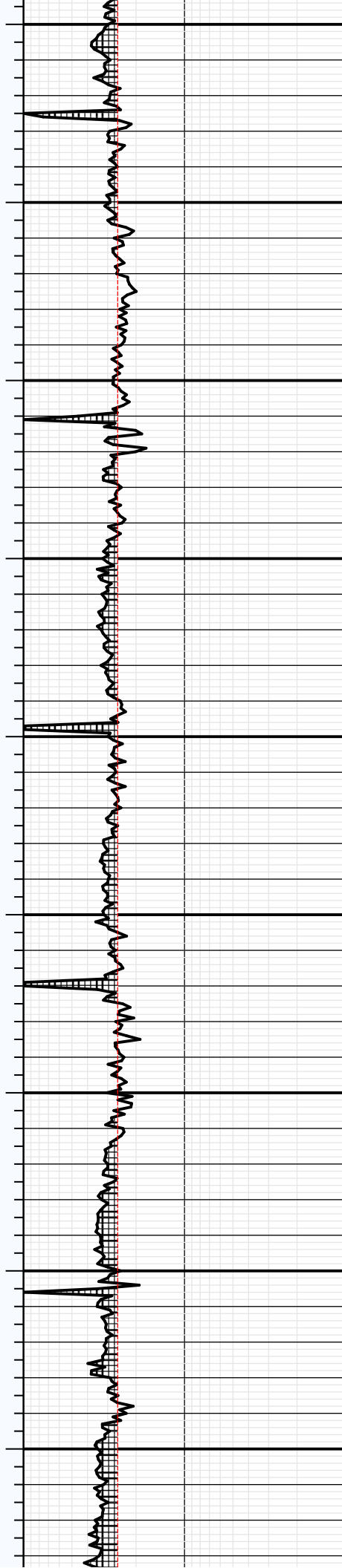
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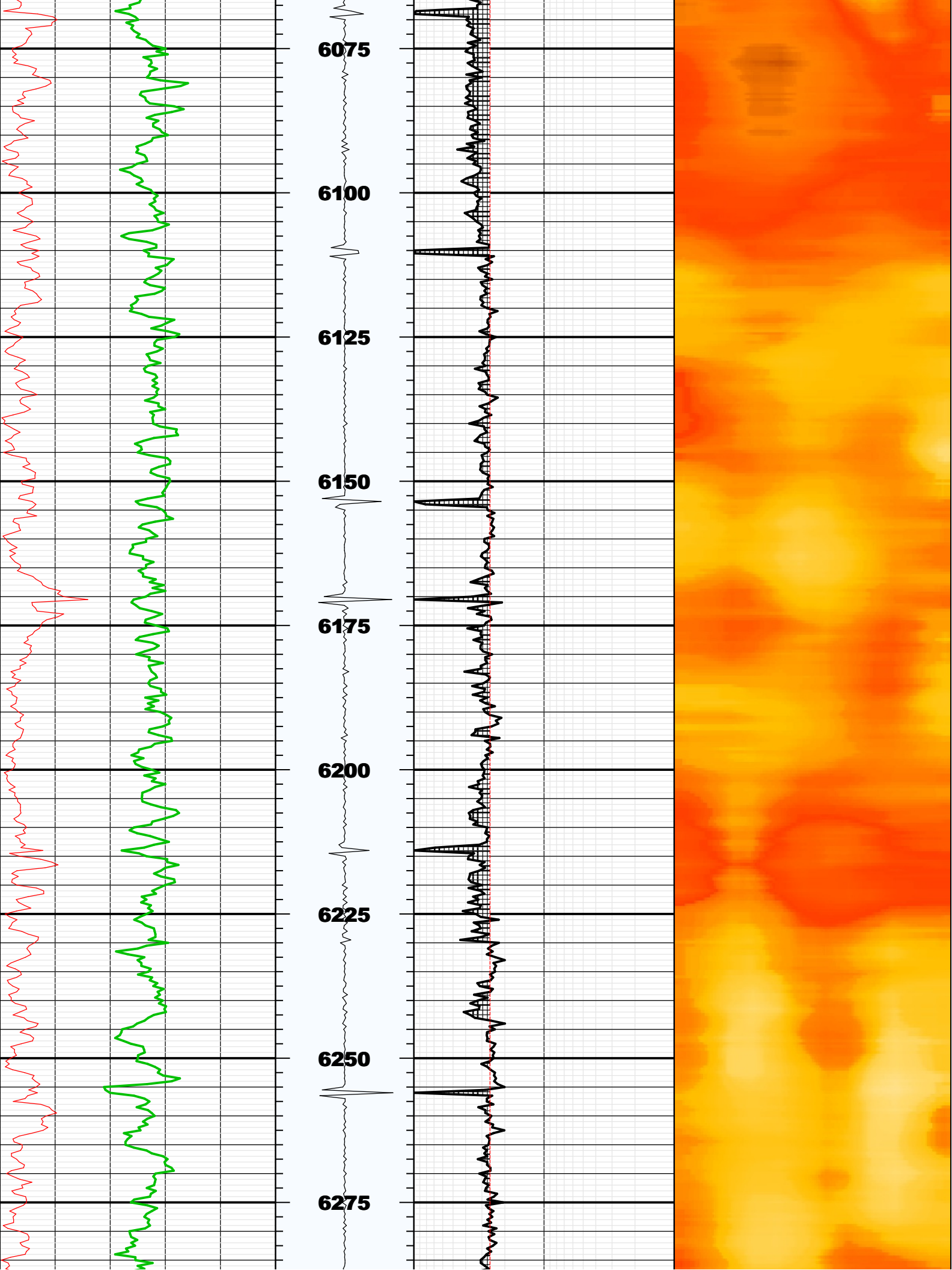
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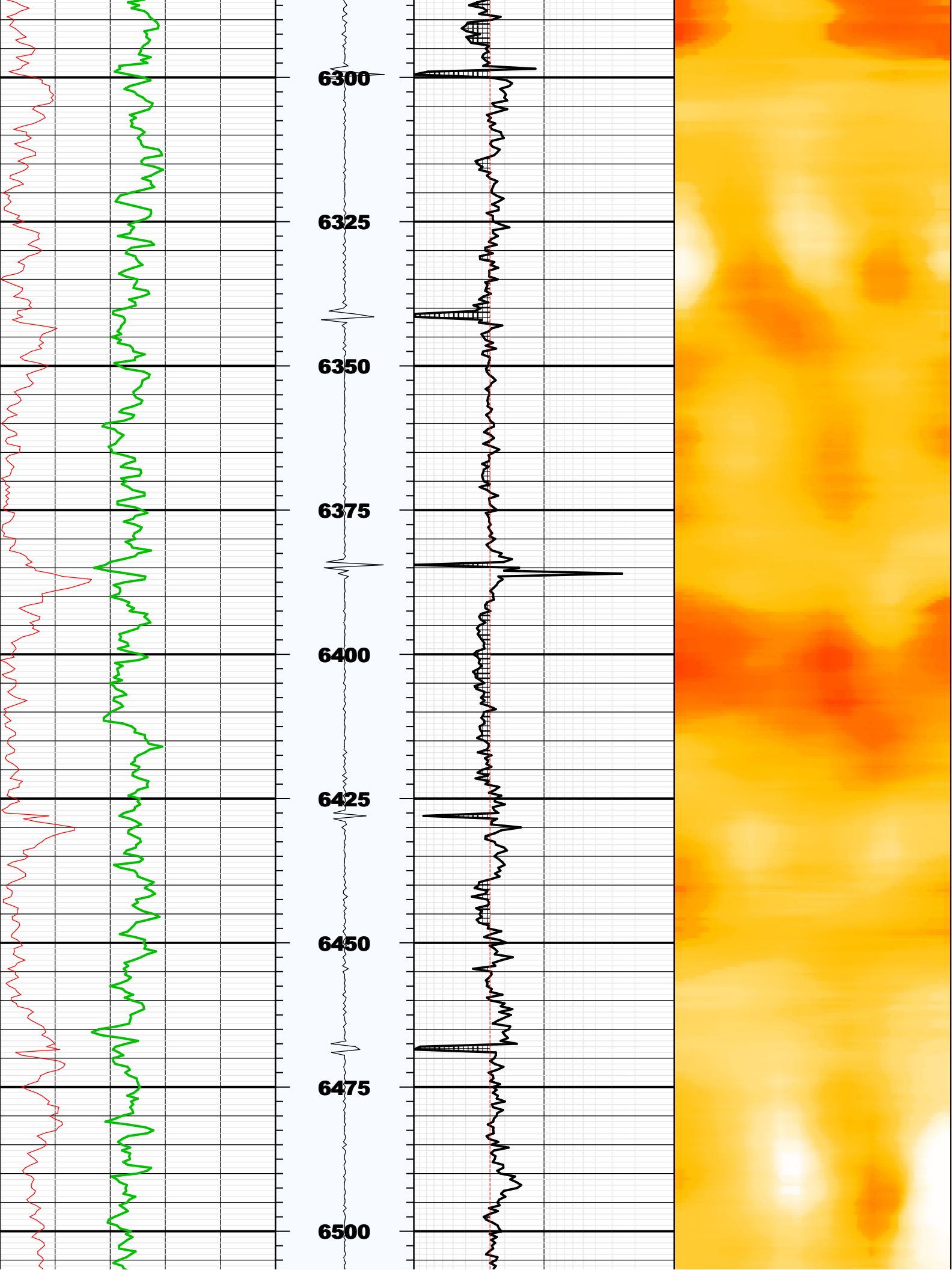
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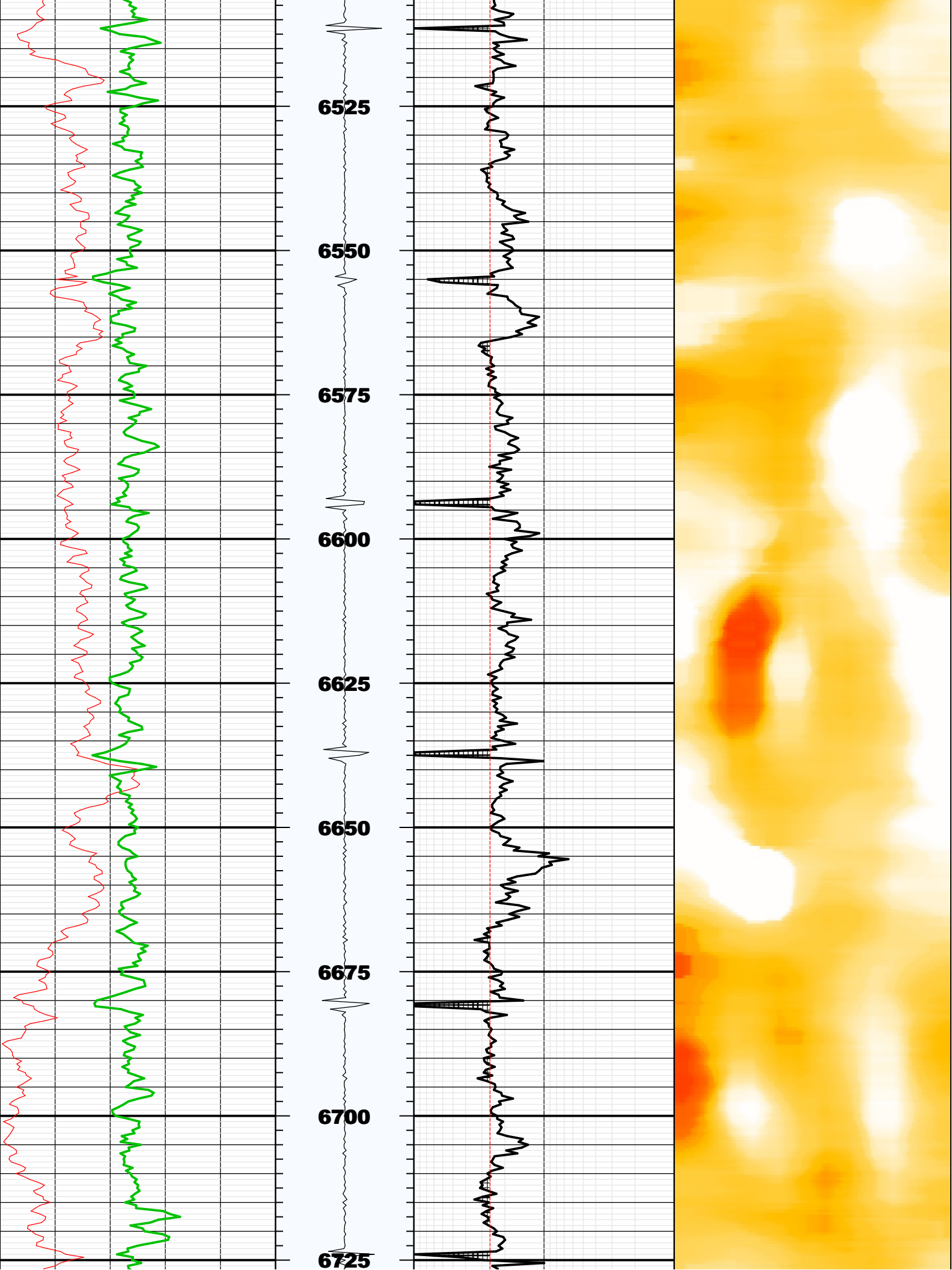
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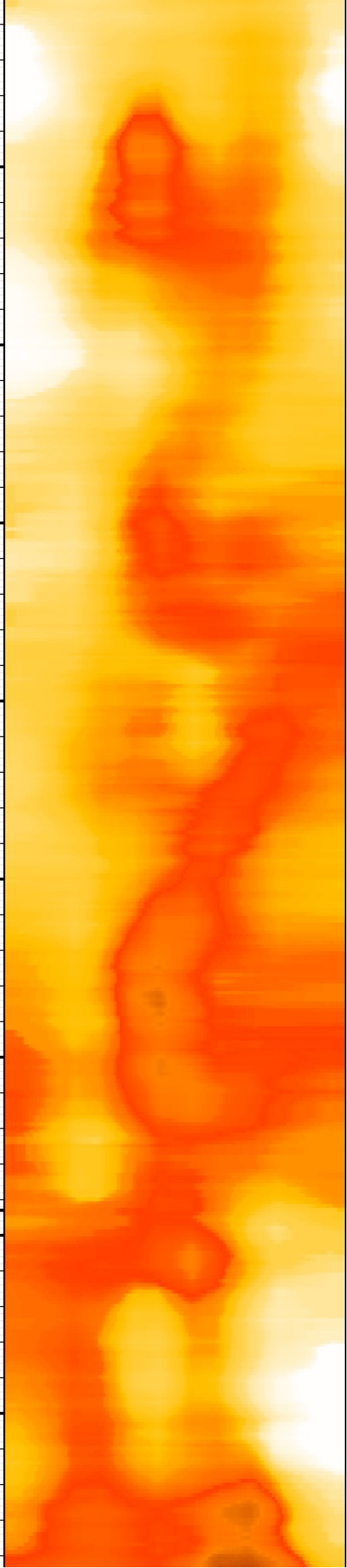
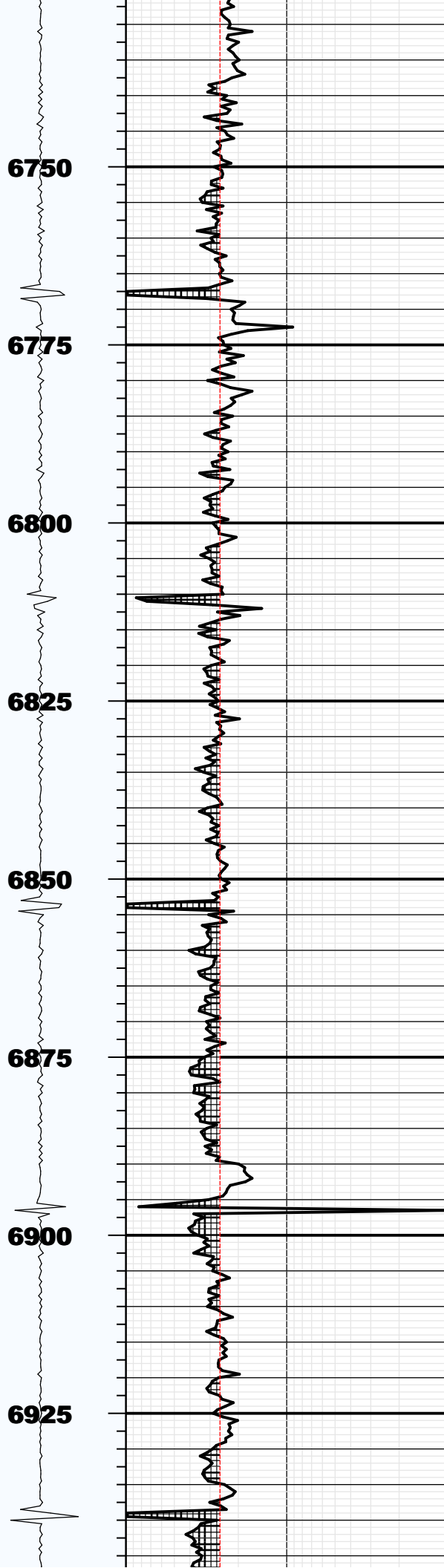
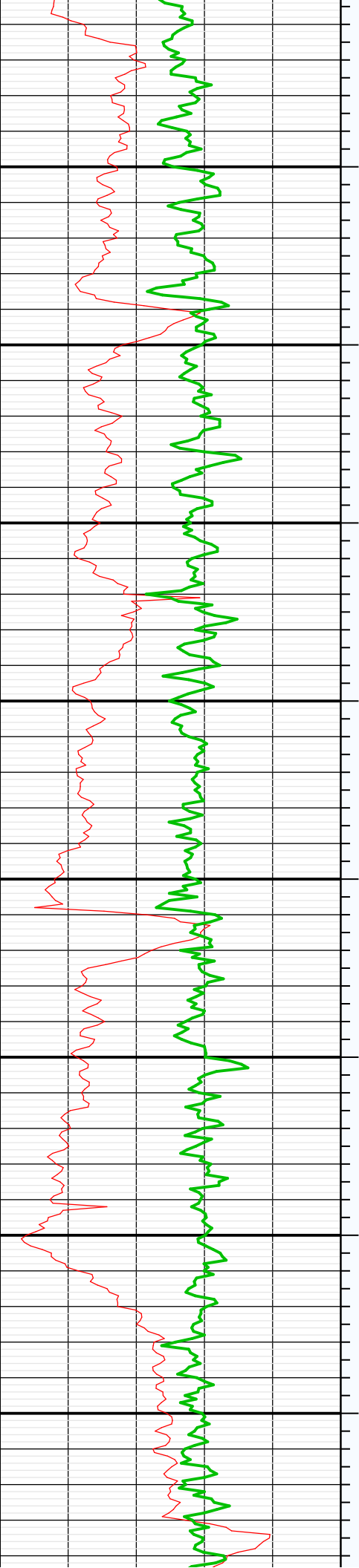
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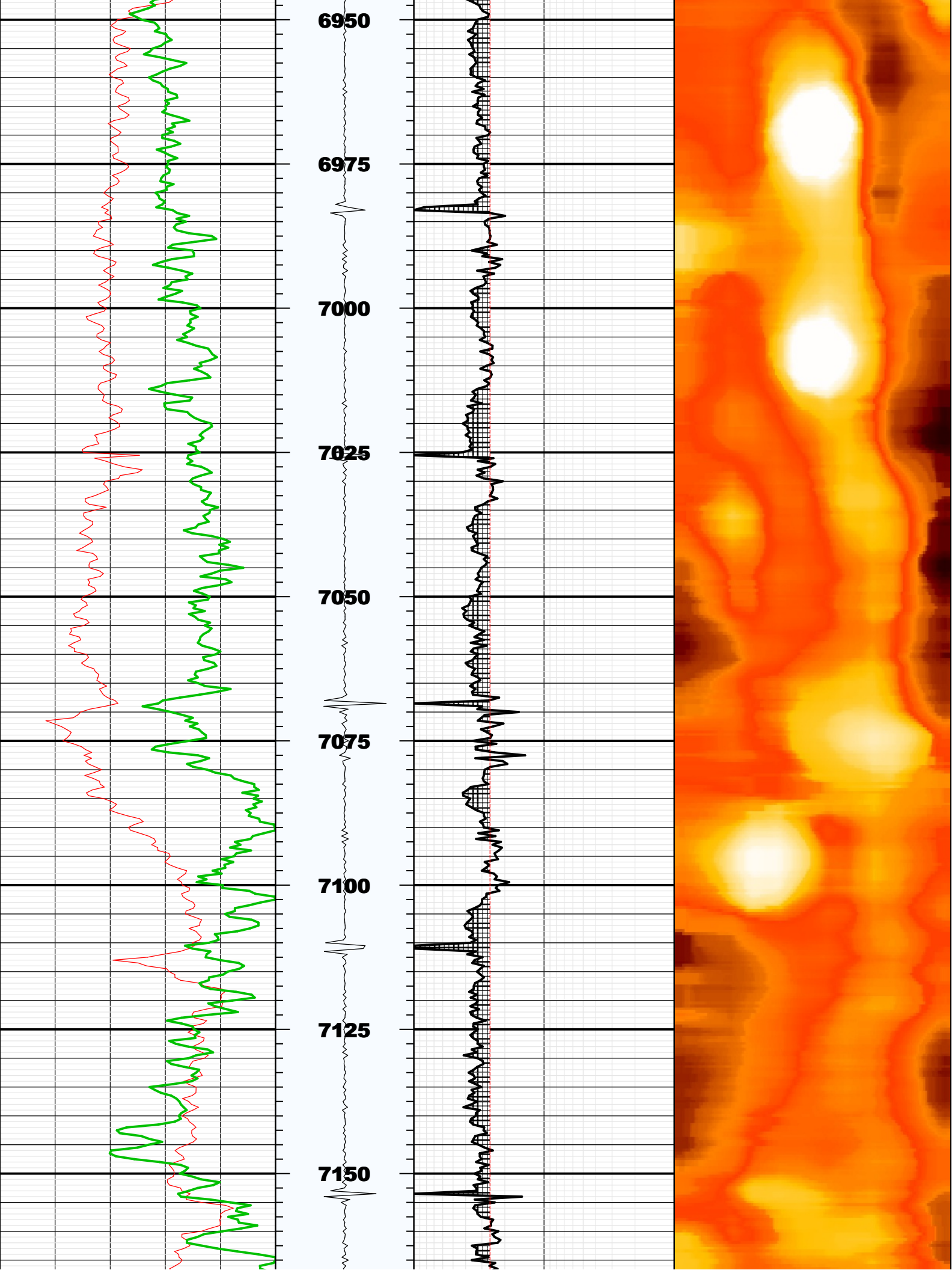


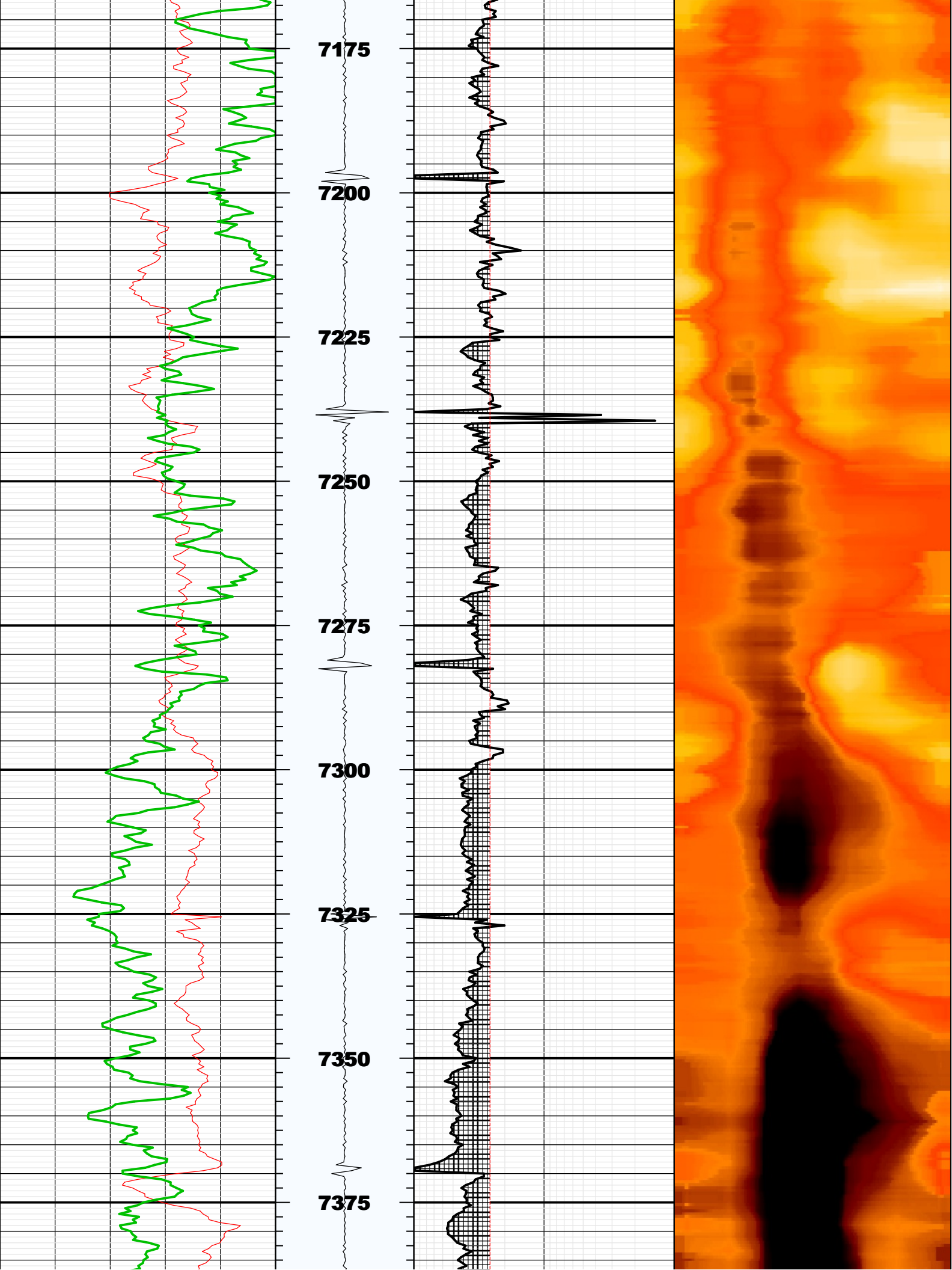


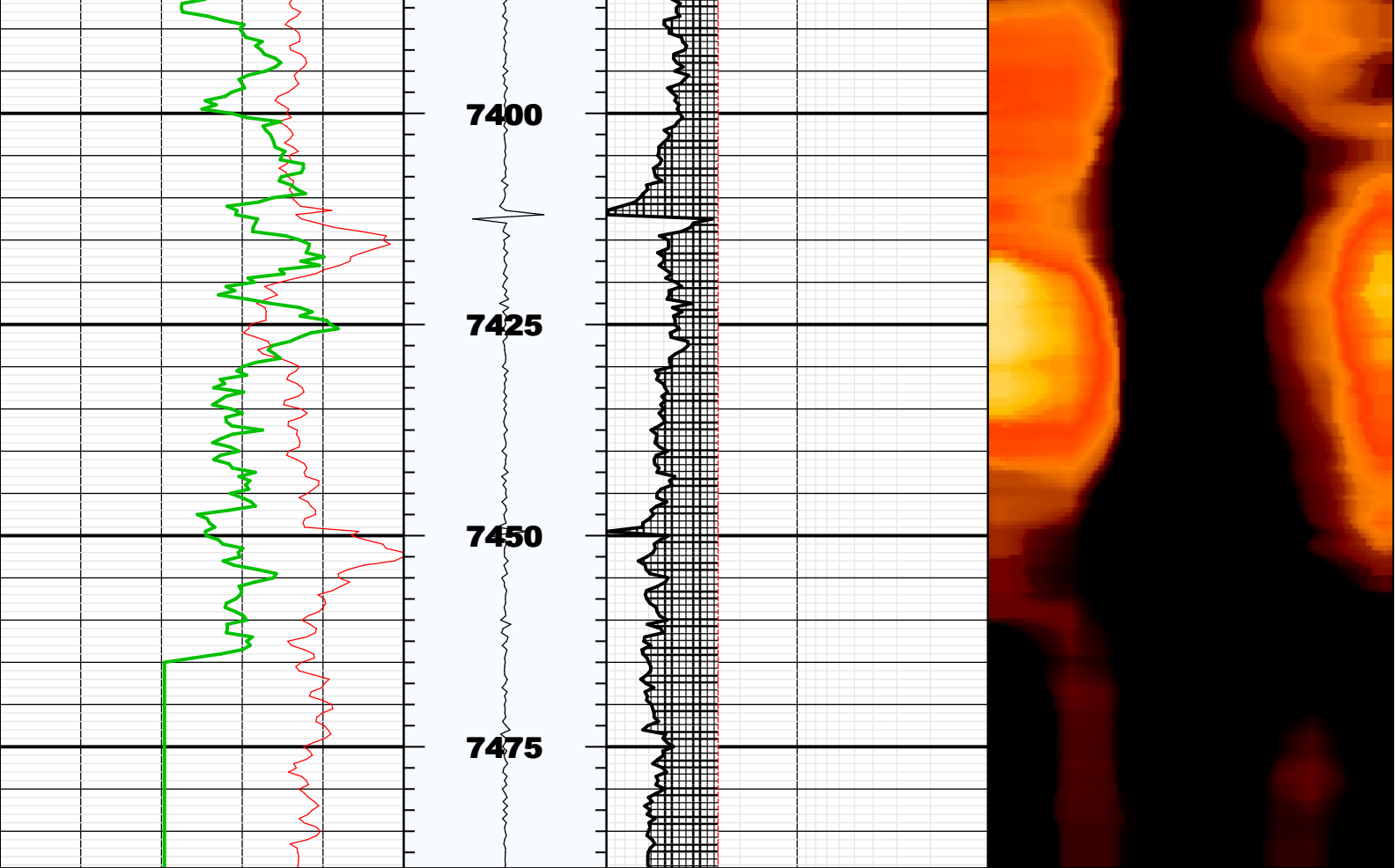








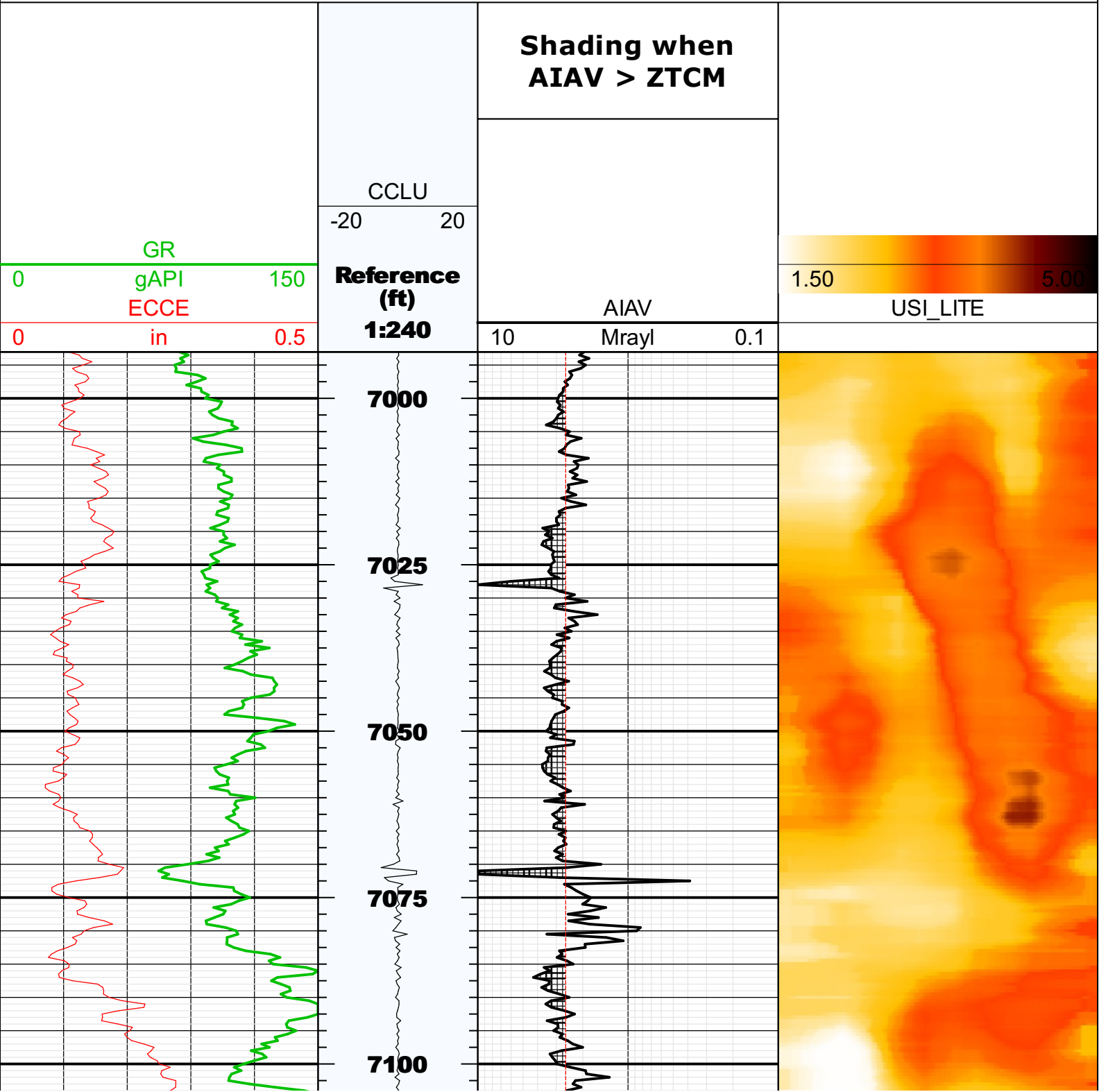


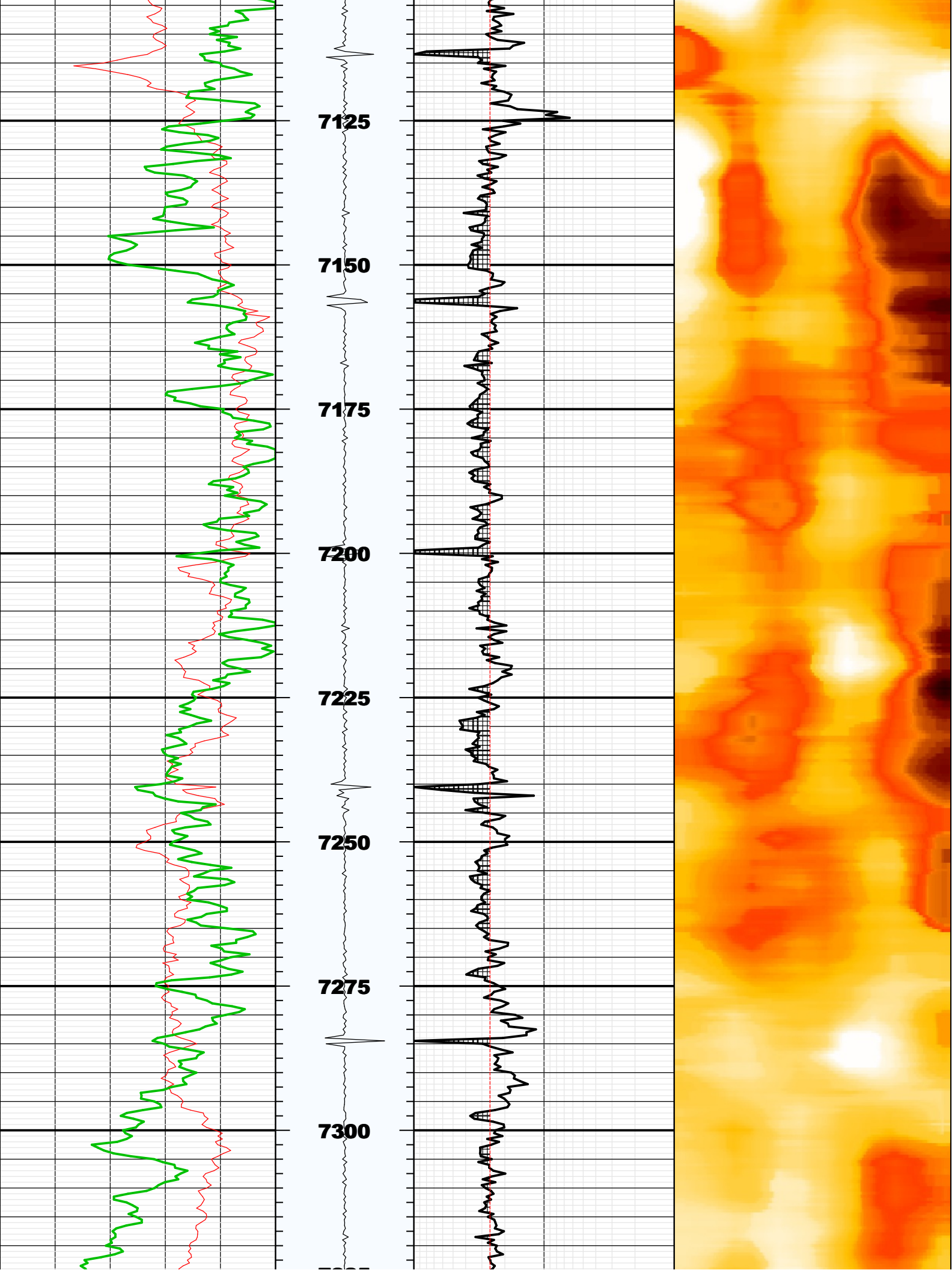


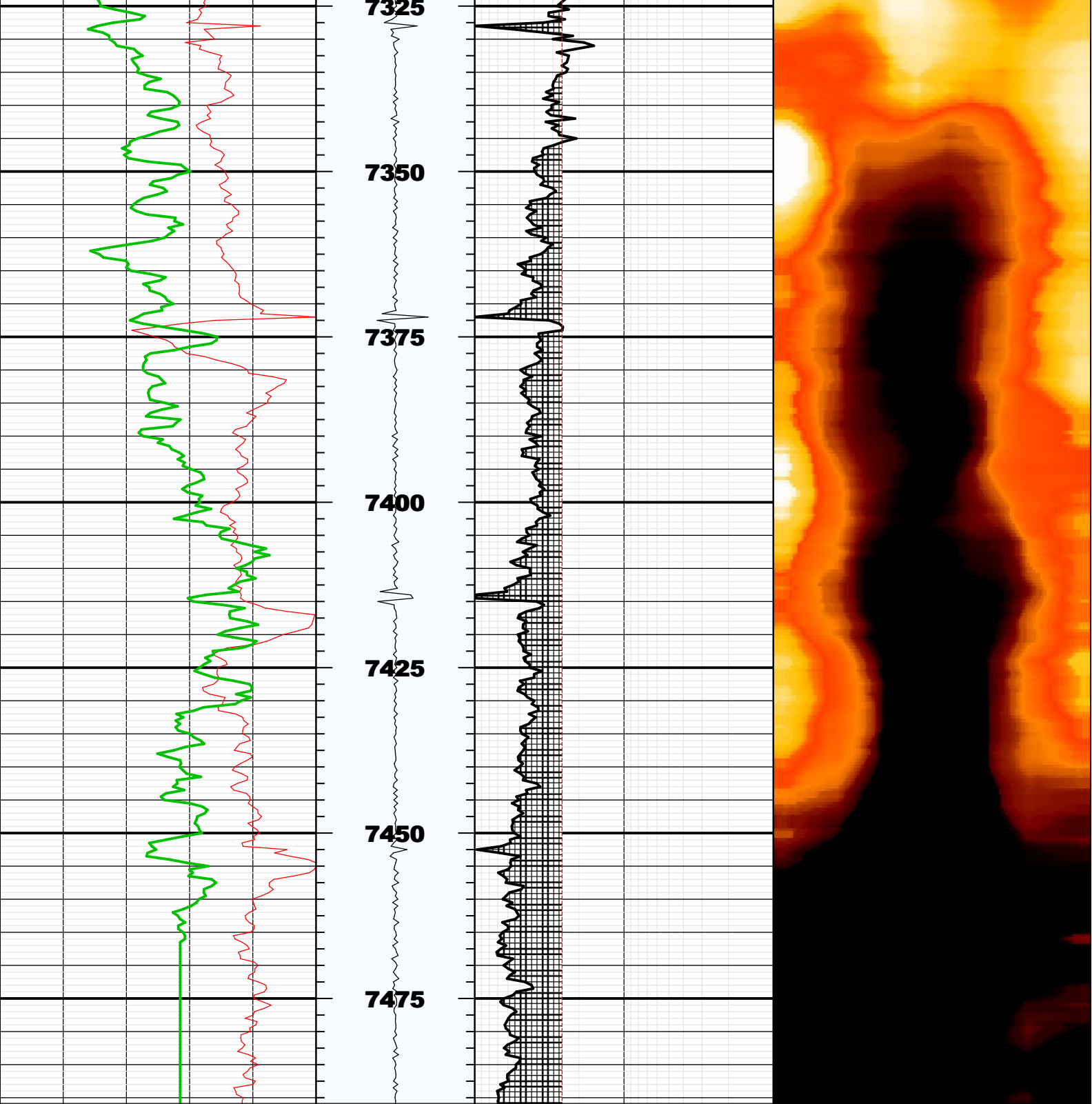
BS	8.75000	IN	Bit Size
CASG	P-110		Casing Grade
CDIA	7.00000	IN	Casing Outer Diameter
CSID	6.27600	IN	Casing Inner Diameter
CSIZ	7.00000	IN	Current Casing Size
CWEI	26.00000	LB/F	Casing Weight
DFD	8.40000	LB/G	Drilling Fluid Density
DFVL	190.00000	US/F	Default Fluid Velocity
DO	3.00000	F	Depth Offset for Playback
DOT	2.87400	IN	Diameter of Transducer Sensor
EMXV	70	V	EMEX Voltage
FDII	0.00000	F	FPM Data Interpolation Interval
FSOD	0_OFF		Fluid Slowness Fits Casing Outer Diameter
LOGMODE	MEASURED_DEPTH		Depth Logging Mode
PP	RECOMPUTE		Playback Processing
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	BRI		Type of Mud
U-USIT_DT3P	C		Decimated Tcube Policy
UPAT	375K		Emission Pattern
USUB	7INC		Ultrasonic Subassembly Identifier
UWKM	D603010L		Ultrasonic Working Mode
VCAS	51.40000	US/F	Ultrasonic Transversal Velocity in Casing
WINB	33.86500	US	Window Begin Time
WINE	73.86500	US	Window End Time
ZCAS	46.25000	MRAY	Acoustic Impedance of Casing
ZINI	-1.00000	MRAY	Initial Estimate of Cement Impedance
ZMUD	1.75000	MRAY	Acoustic Impedance of Mud
ZTCM	2.60000	MRAY	Acoustic Impedance Threshold for Cement
ZTGS	0.30000	MRAY	Acoustic Impedance Threshold for Gas
WLEN	21.70779	US	T^3 Processing Length

Repeat Pass

Company: Noble Energy Inc
Well: Cecil Farms PC I06-68-1HN
Field: Wattenberg







Fluid Properties Used for Main Pass

