



**CEMENT BOND LOG**  
**GAMMA RAY**  
**CCL**

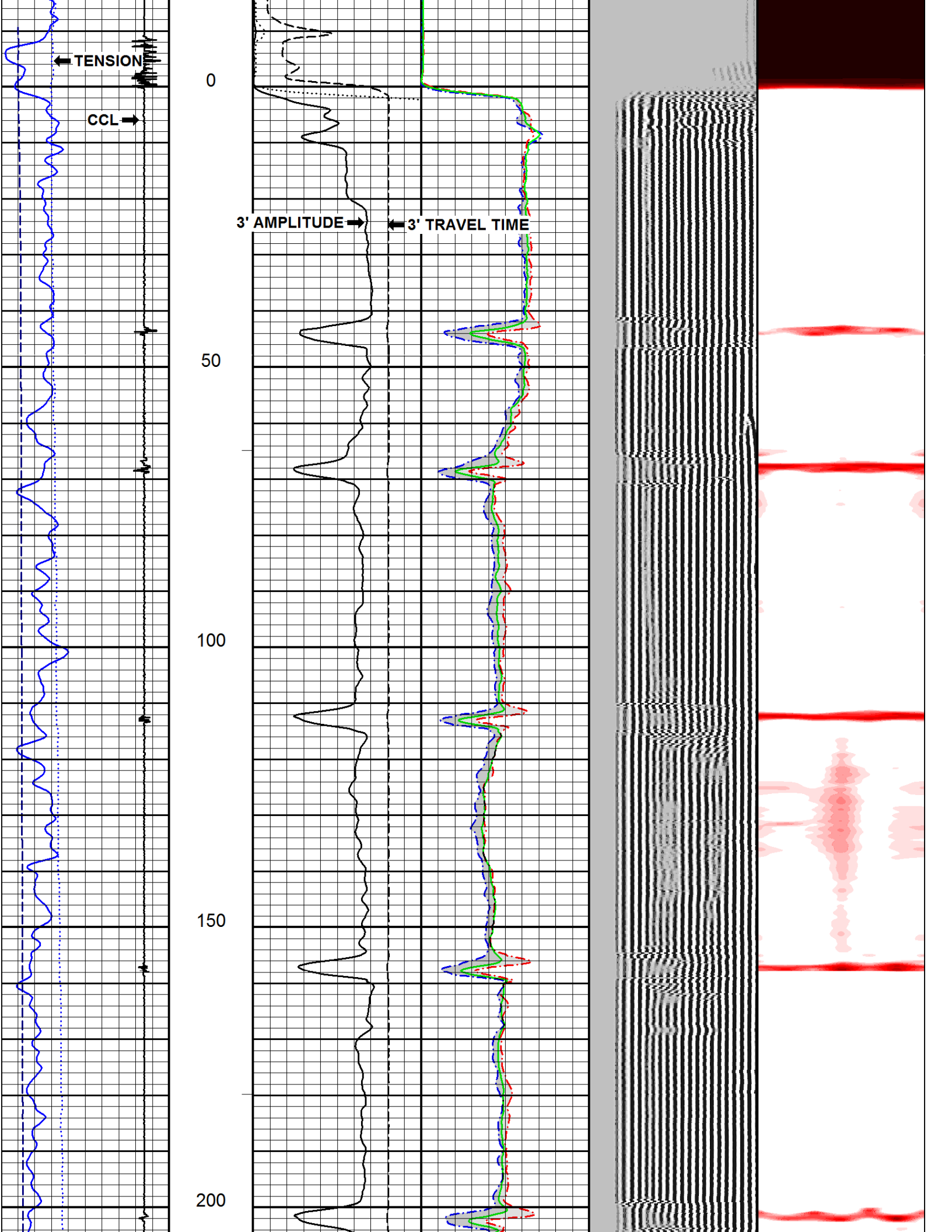
[illegible]

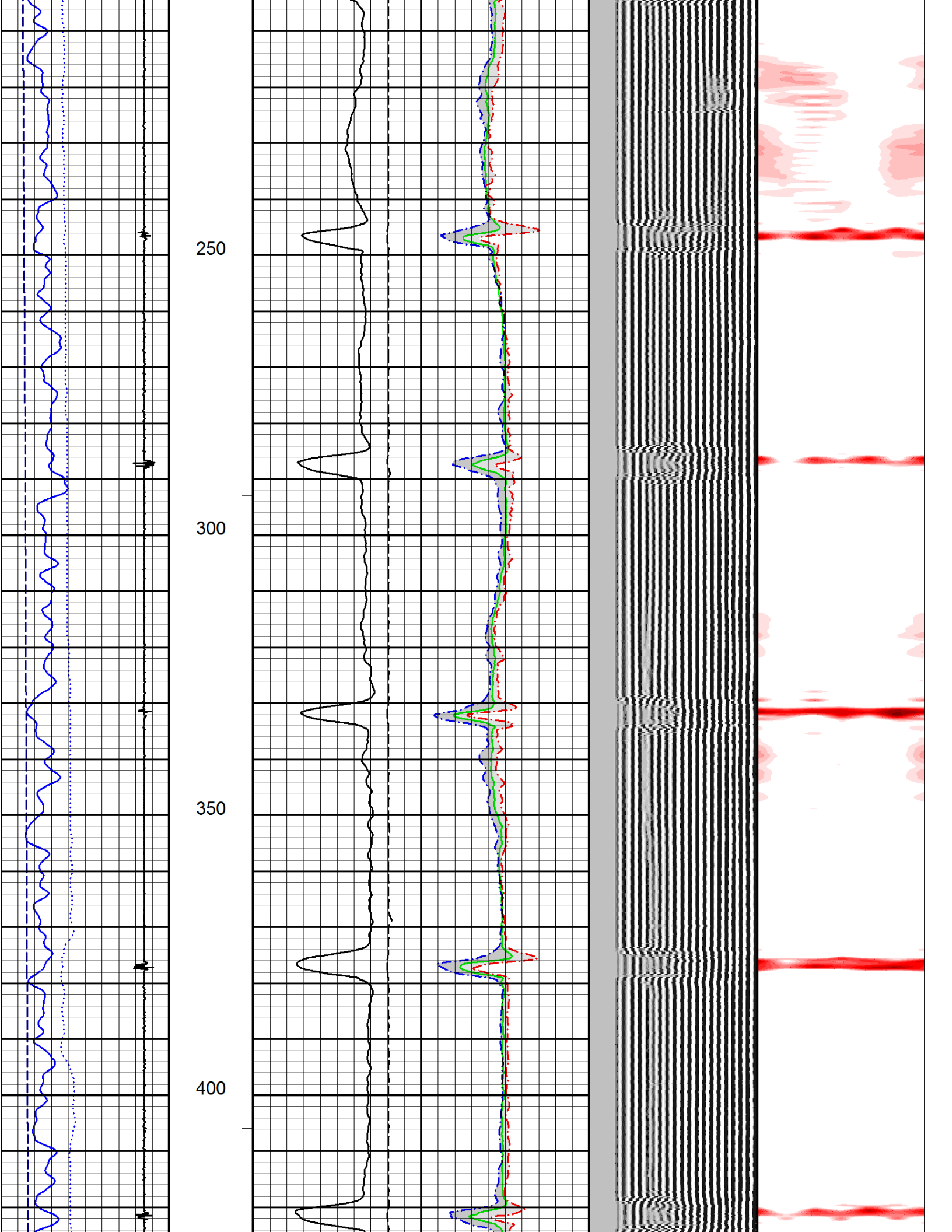
Remarks: NO CORRELATION LOG AVAILABLE

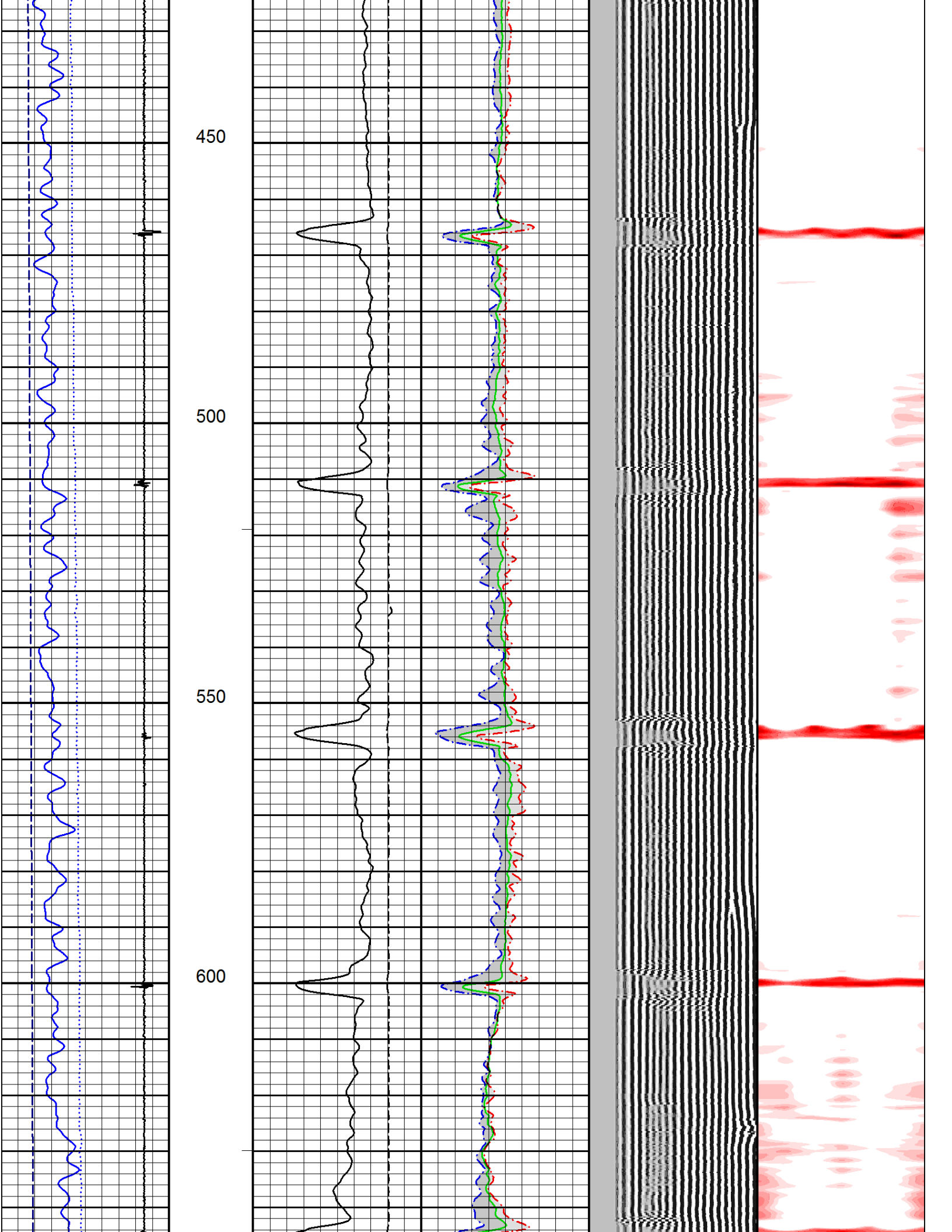
Previous Well Information	
Depth Control Log	NO DEPTH CORRECTIONS MADE
Perforated	
Bridge Plug Set At	
Cement Retainer Set At	
Production Packer Set At	

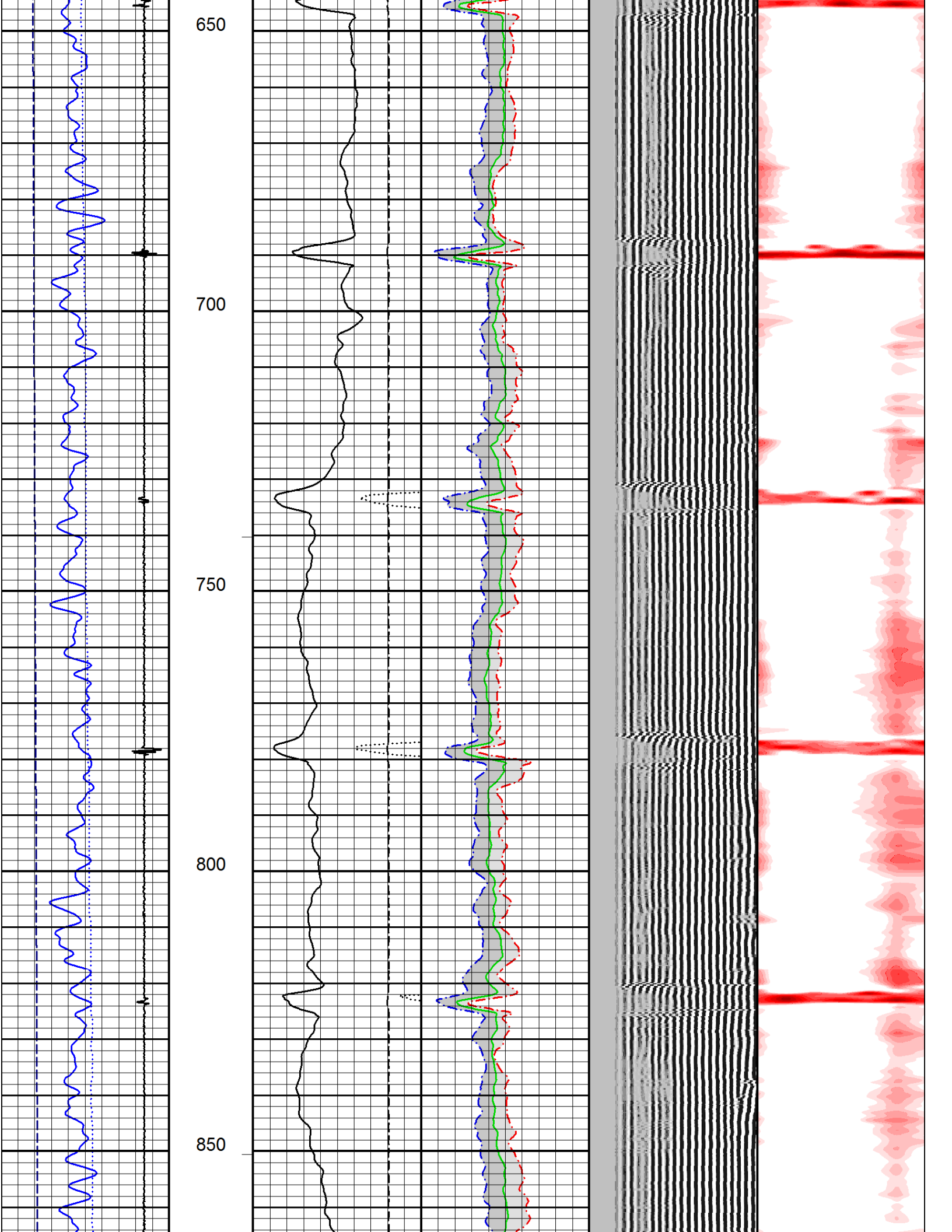
All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents, or employees. These interpretations are also subject to our general terms and conditions as set out in our current price schedule.

<div> <div>2016-11-05 14:40</div> <div>Tension (lbF)</div> <div>0.00 500.00</div> <div>Collar Locator</div> <div>0.0 100.0</div> <div>Gamma Ray</div> <div>0.0 150.0</div> <div>TEMPERATURE (°C)</div> <div>0.0 100.0</div> <div>Pass No. 11</div> </div>	<div> <div>FEET</div> <div>1:240</div> </div>	<div> <div>3' Amplitude (mV)</div> <div>0.0 100.0</div> <div>Amplitude X 5 (mV)</div> <div>0.0 20.0</div> <div>3' Travel Time (μs)</div> <div>650.0 150.0</div> <div>Logging Up</div> <div>Shutin</div> </div>	<div> <div>Min Radial Amp (mV)</div> <div>0.0 100.0</div> <div>Max Radial Amp (mV)</div> <div>0.0 100.0</div> <div>Avg Radial Amp (mV)</div> <div>0.0 100.0</div> <div>File FINAL.pre</div> </div>	<div> <div>5' Variable Density (μs)</div> <div>200.00 1200.00</div> </div>	<div> <div>Cement Map (mV)</div> <div>0.00 40.00</div> </div>
<div> <div>-27.16</div> </div>					

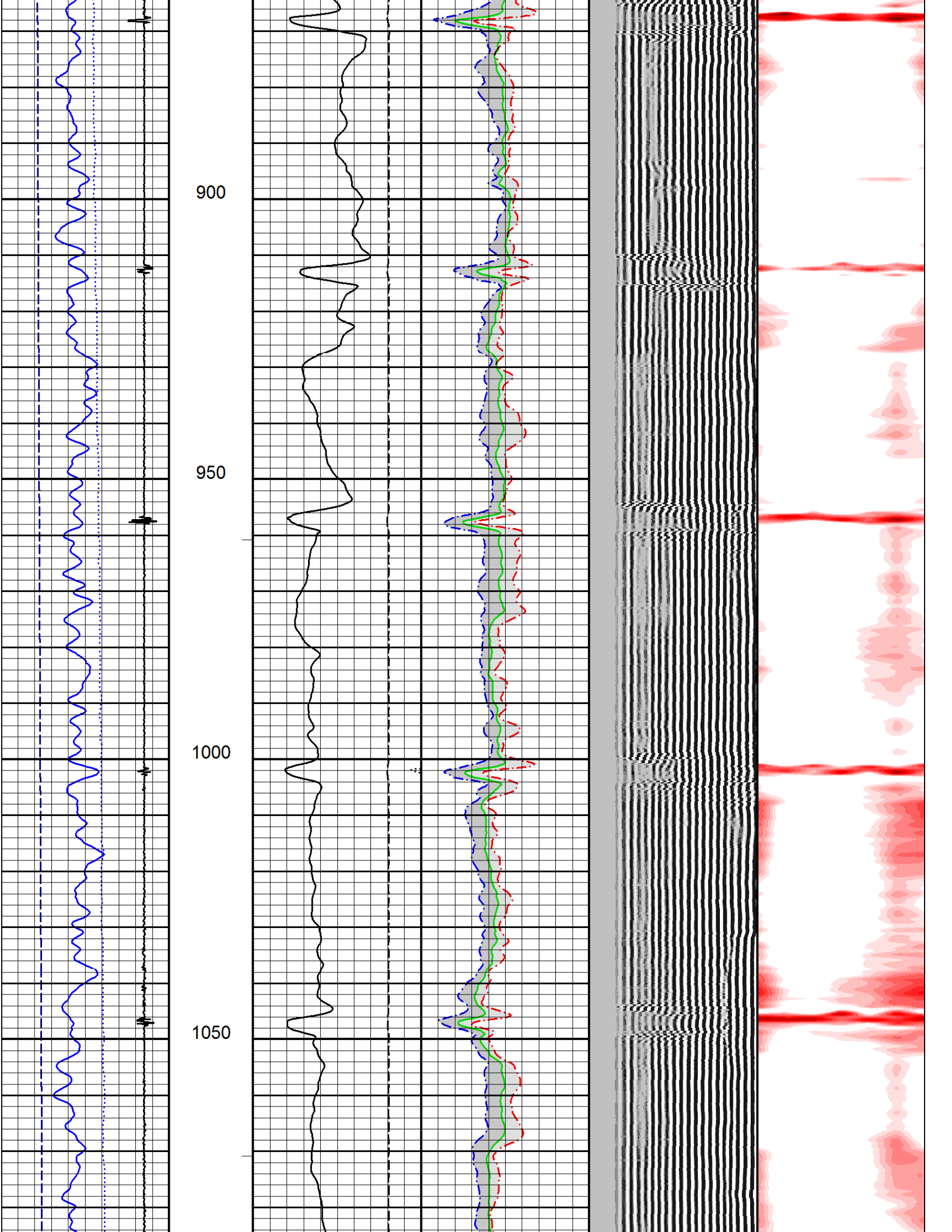


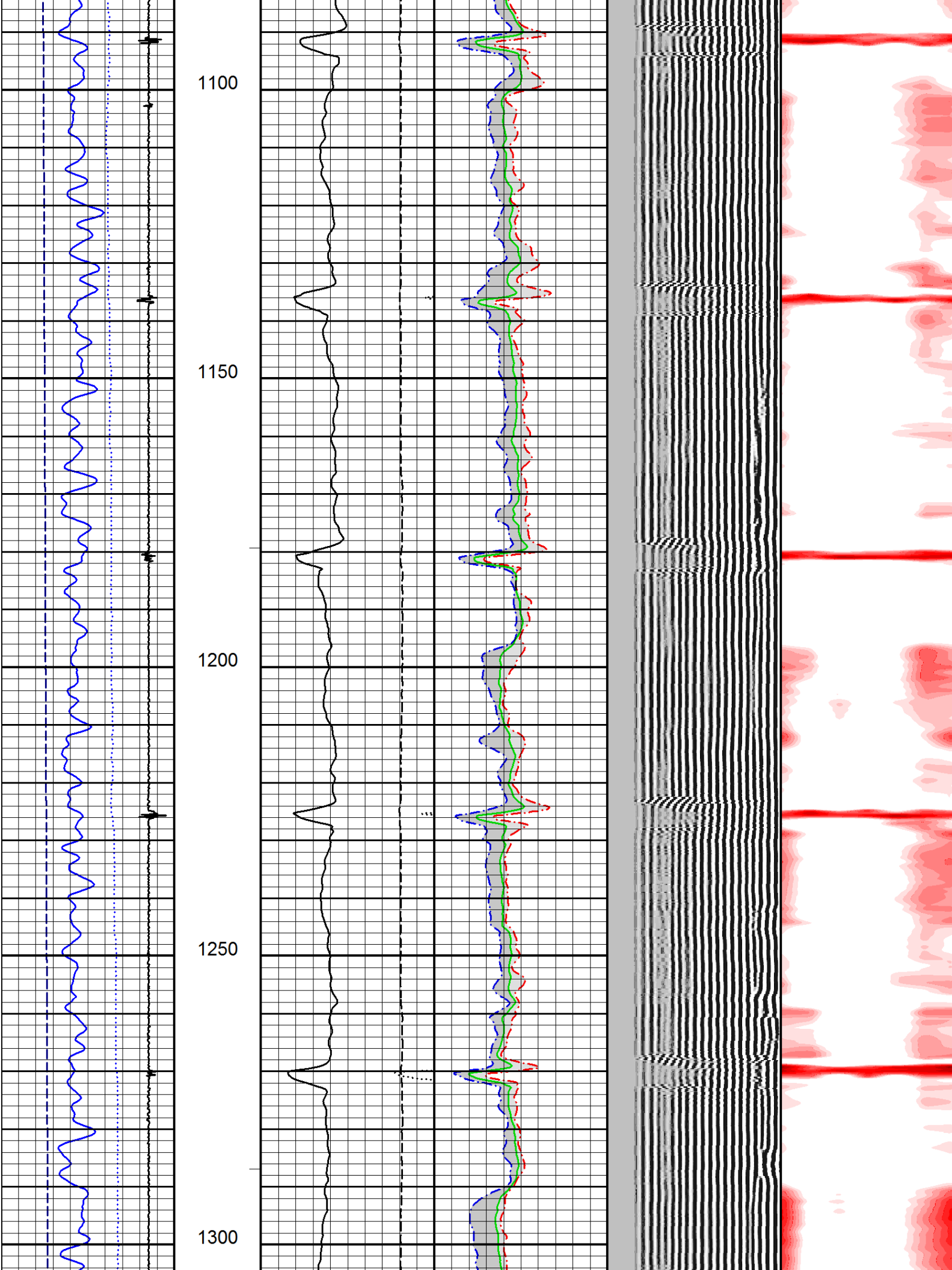


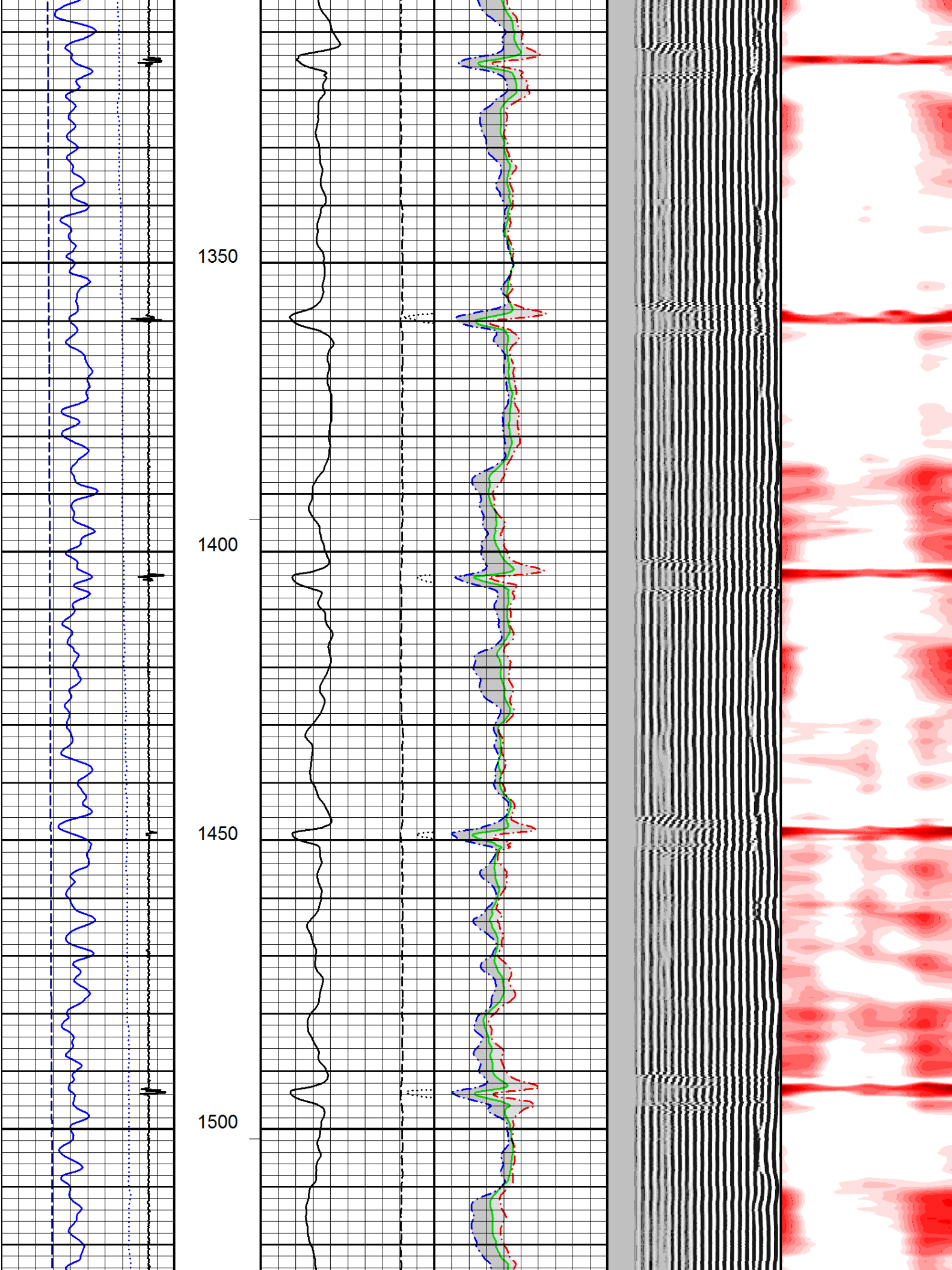




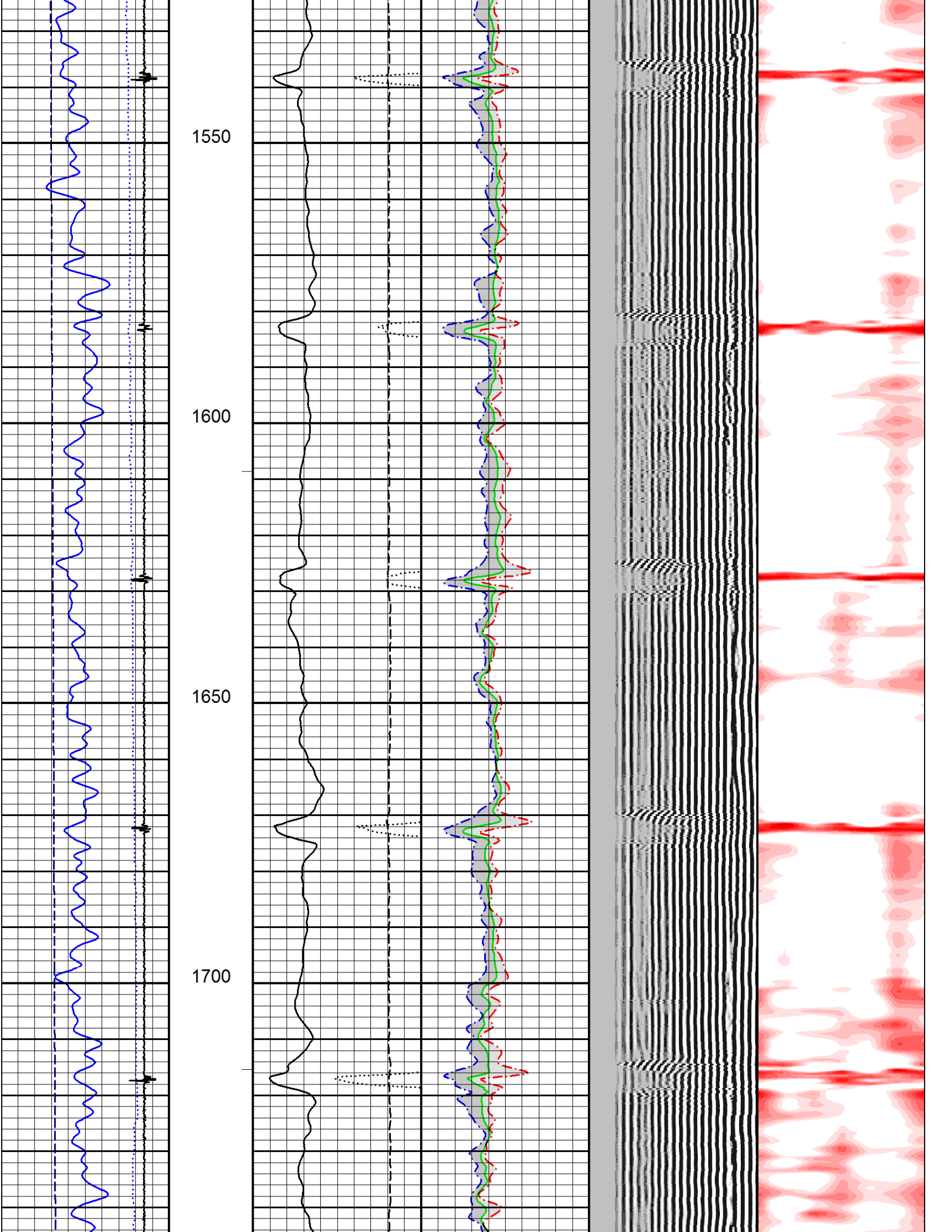


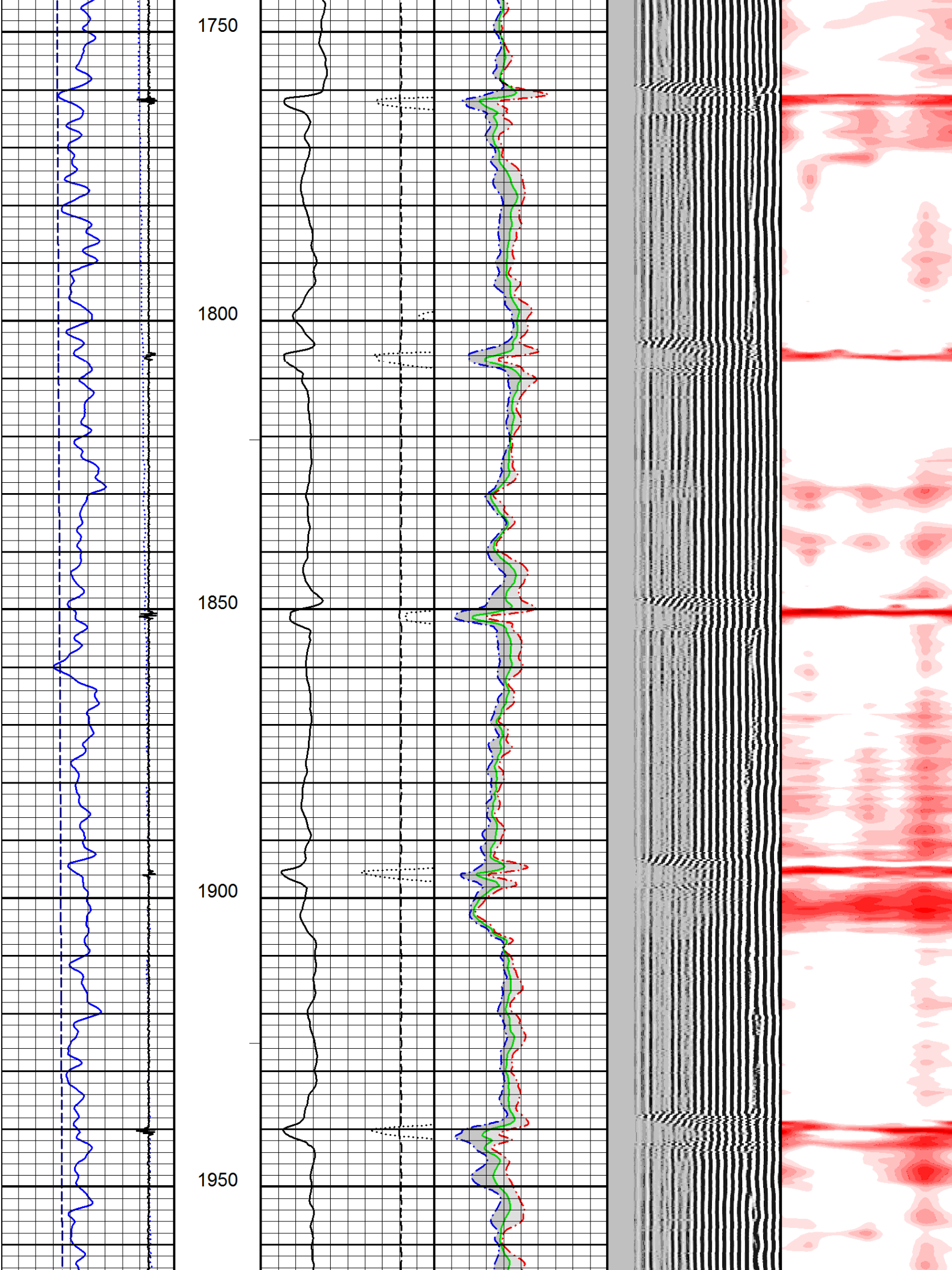


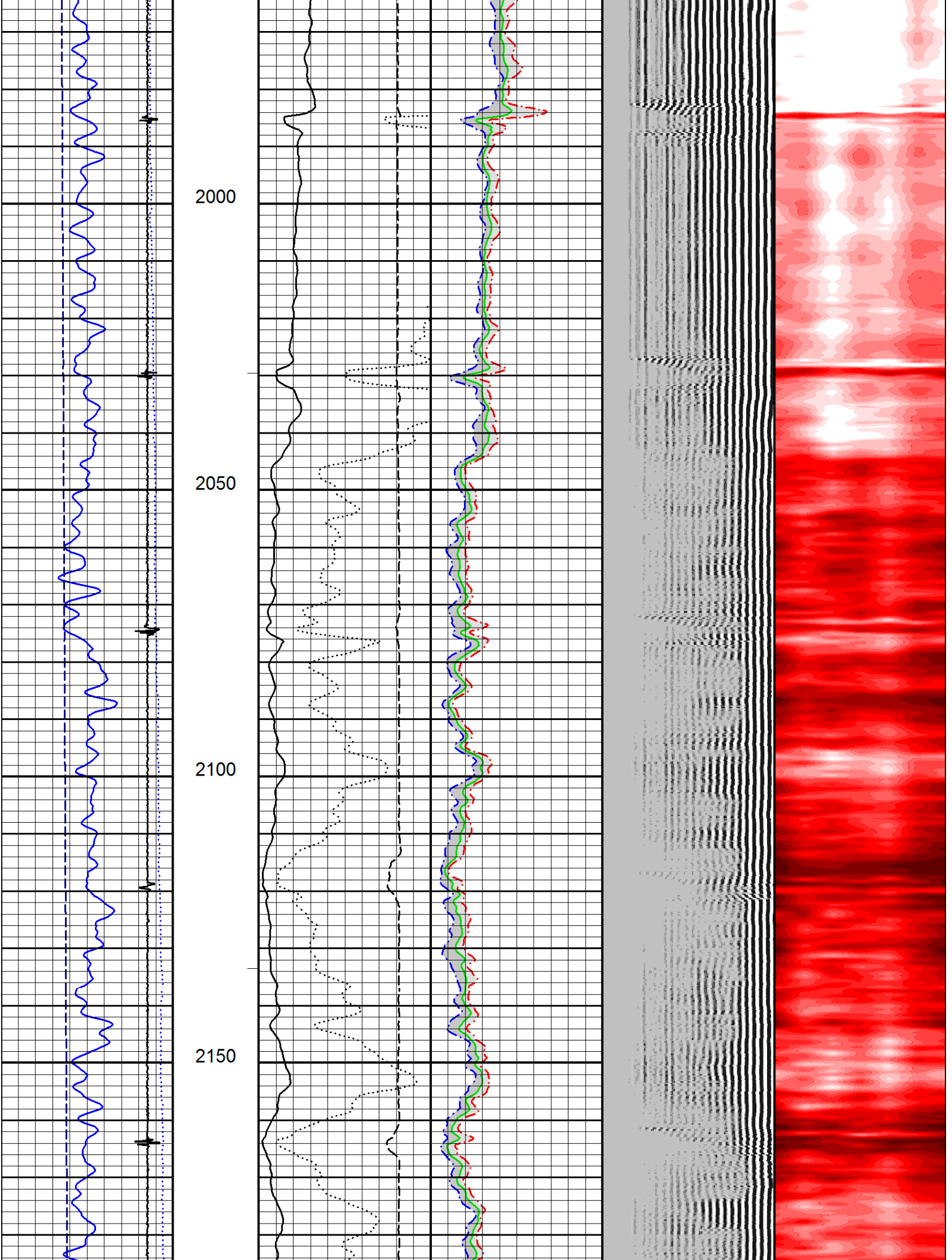


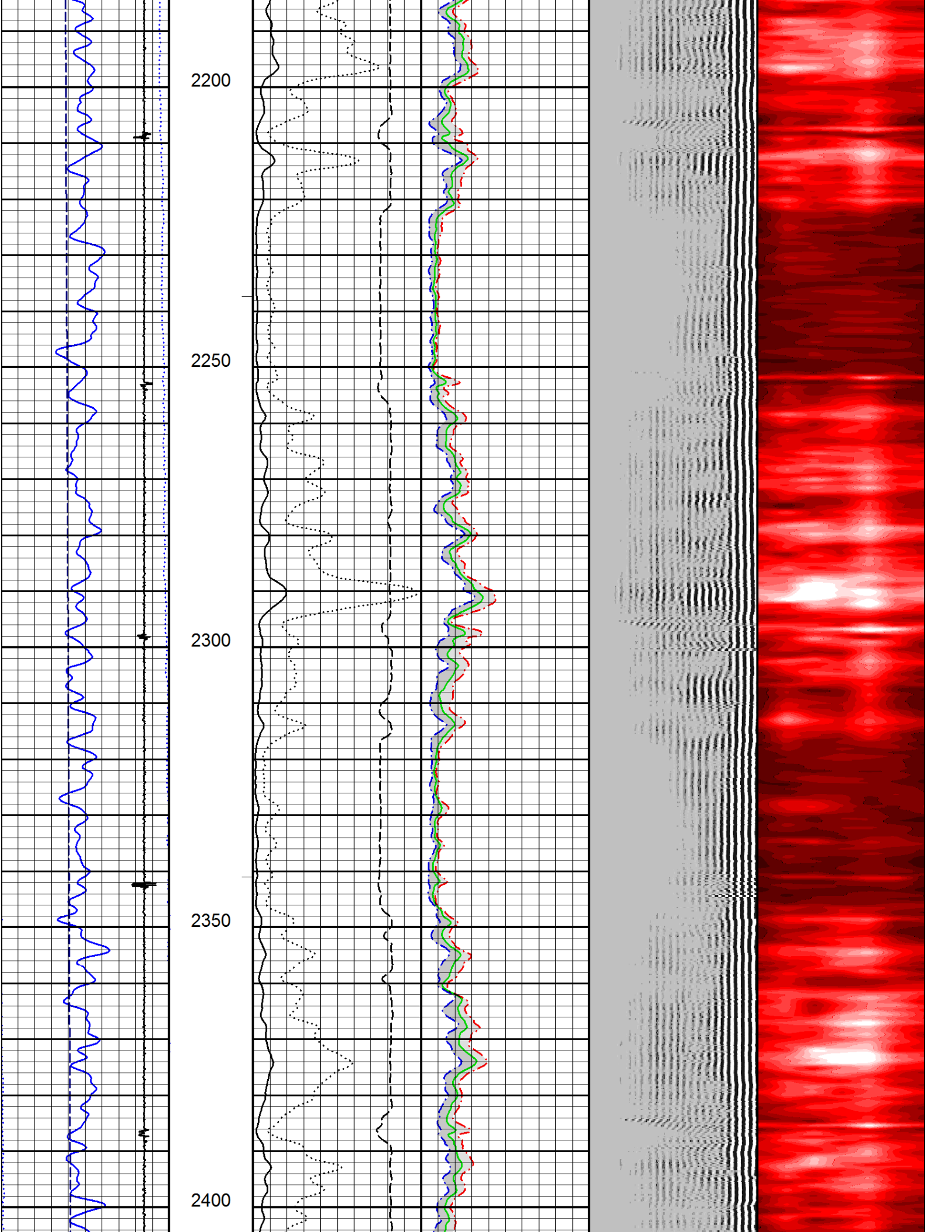




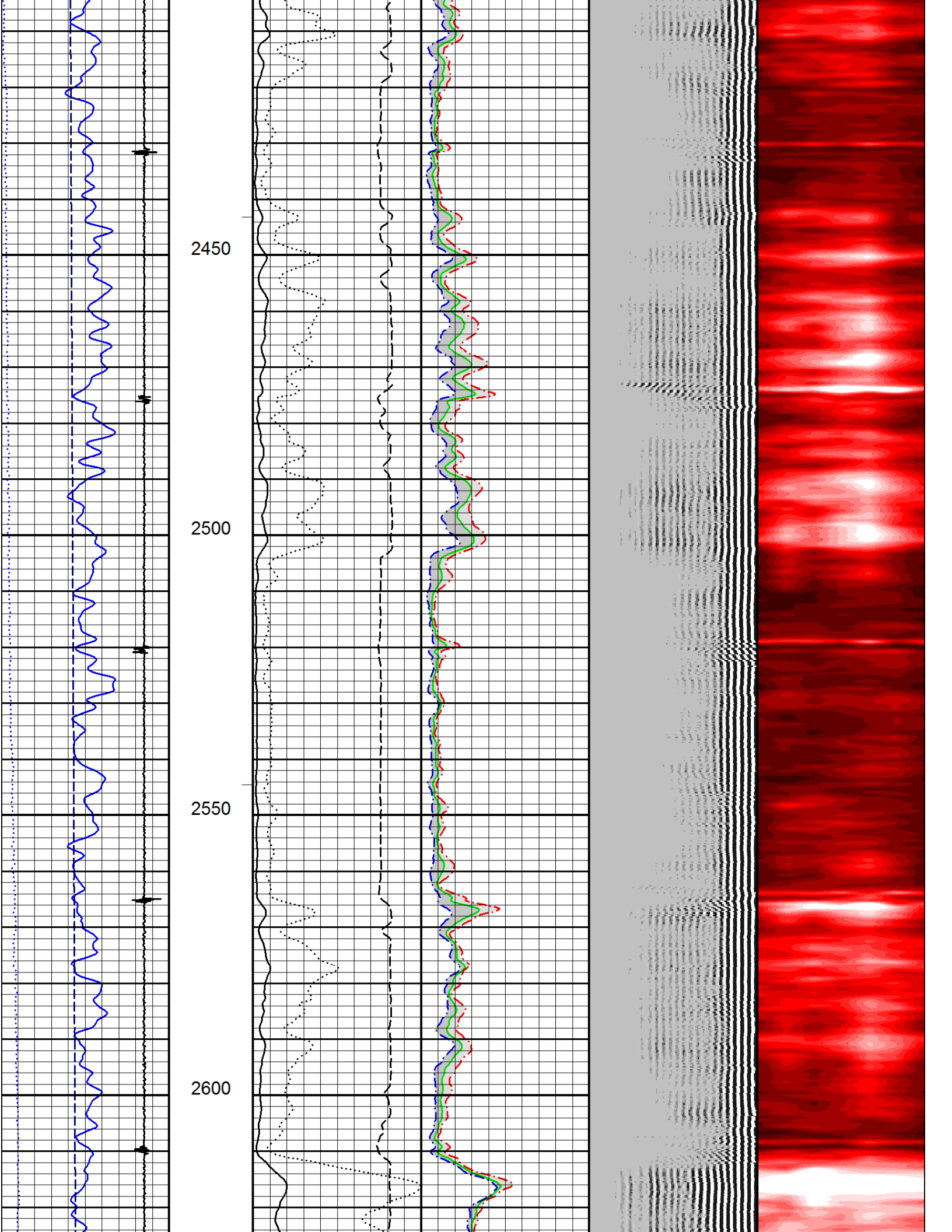




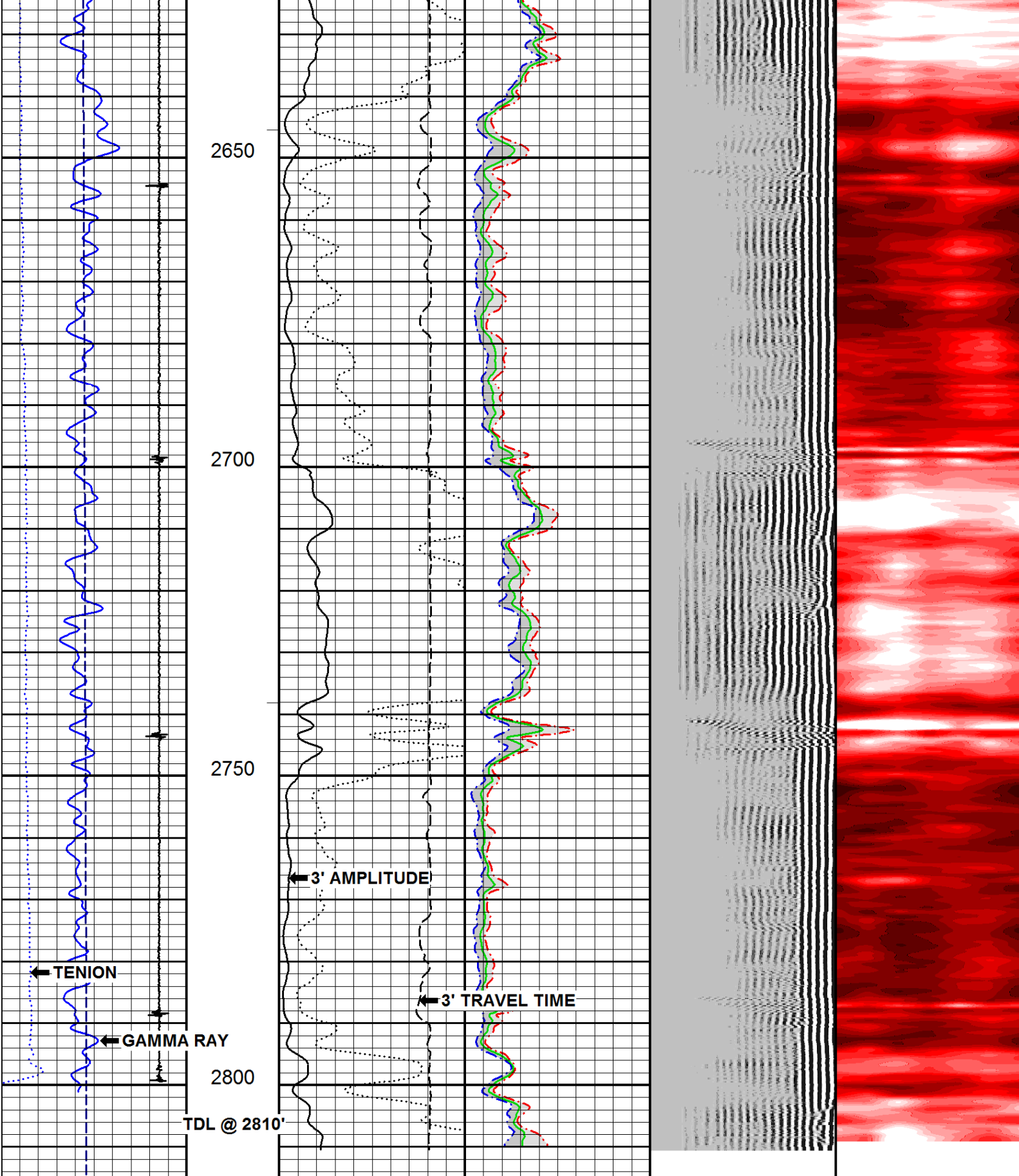












2016-11-05 14:40 Tension (lbF) 0.00 500.00 Collar Locator 0.0 100.0 Gamma Ray 0.0 150.0 TEMPERATURE (°C) 0.0 100.0		2815.22	3' Amplitude (mV) 0.0 100.0 Amplitude X 5 (mV) 0.0 20.0 3' Travel Time (µs) 650.0 150.0 Logging Up Shutin	Min Radial Amp (mV) 0.0 100.0 Max Radial Amp (mV) 0.0 100.0 Avg Radial Amp (mV) 0.0 100.0 File FINAL.pre	5' Variable Density (µs) 200.00 1200.00	Cement Map (mV) 0.00 40.00
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**Company** NOBLE

**Well** ANDERSEN 35-33

**Field** WATTENBERG

**County** WELD **State** COLORADO

**1/4'S** SWSV **SEC** 4N333 **TWP.** 4N **RGE.** 65W