



Dual Induction Log

Pioneer Energy Services

API No.		Company Val Energy, Inc.	
15-007-24166-00-00		Well Talbott #8-9	
Field Schupbach Southwest		County Barber State Kansas	
Location 660' FSL & 660' FEL		Other Services CNL/CDL MEL	
Sec: 9 Twp: 34S Rge: 11W		Elevation	
Permanent Datum Ground Level		K.B. 1348	
Log Measured From Kelly Bushing		D.F. 1337	
Drilling Measured From Kelly Bushing		G.L. 1337	
Date	5/31/2014		
Run Number	One		
Depth Driller	4799		
Depth Logger	4800		
Bottom Logged Interval	4799		
Top Log Interval	200		
Casing Driller	8.625 @ 225		
Casing Logger	223		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	4000		
Density / Viscosity	9.4 53		
pH / Fluid Loss	11.0 9.2		
Source of Sample	Flowline		
Rm @ Meas. Temp	0.45 @ 80		
Rmf @ Meas. Temp	0.34 @ 80		
Rmc @ Meas. Temp	0.61 @ 80		
Source of Rmf / Rmc	Charts		
Rm @ BHT	0.29 @ 126		
Operating Rig Time	3 Hours		
Max Rec. Temp. F	126		
Equipment Number	91		
Location	Hays		
Recorded By	D. Schmidt		
Witnessed By	Zeb Stewart		

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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 interpretation, 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 set out in our current Price Schedule.

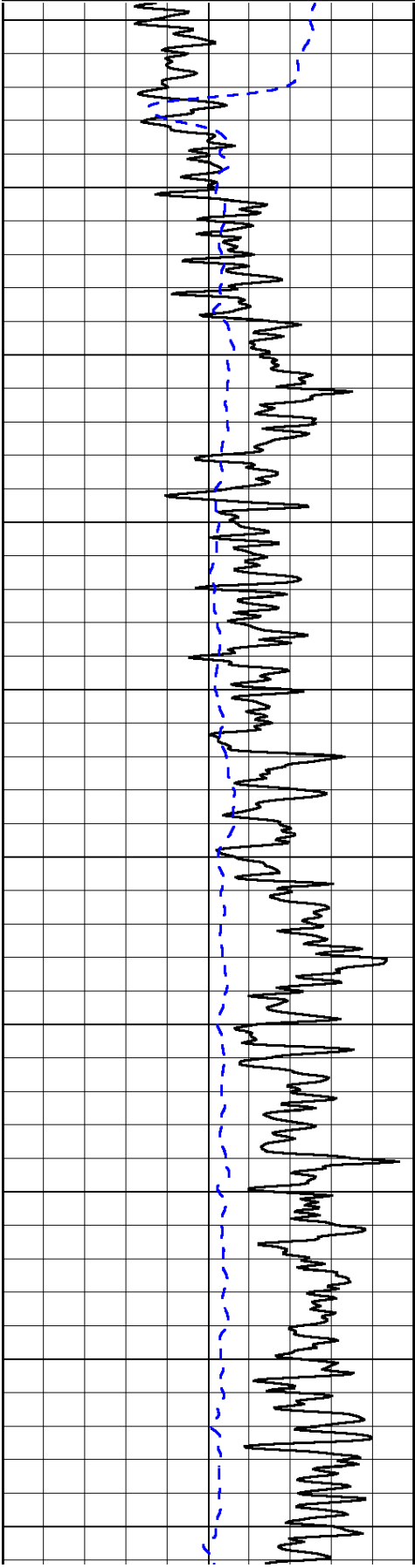
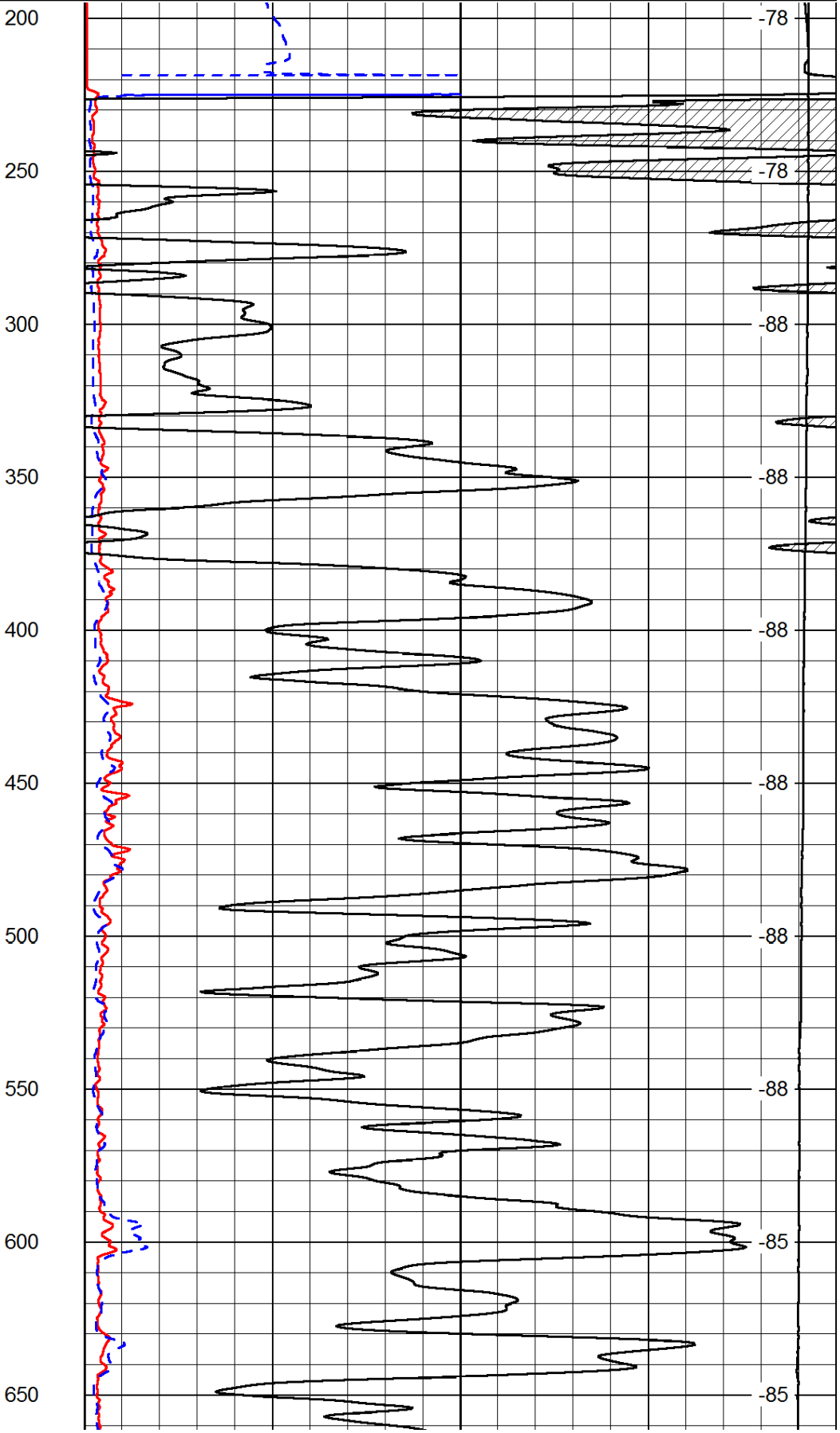
Comments

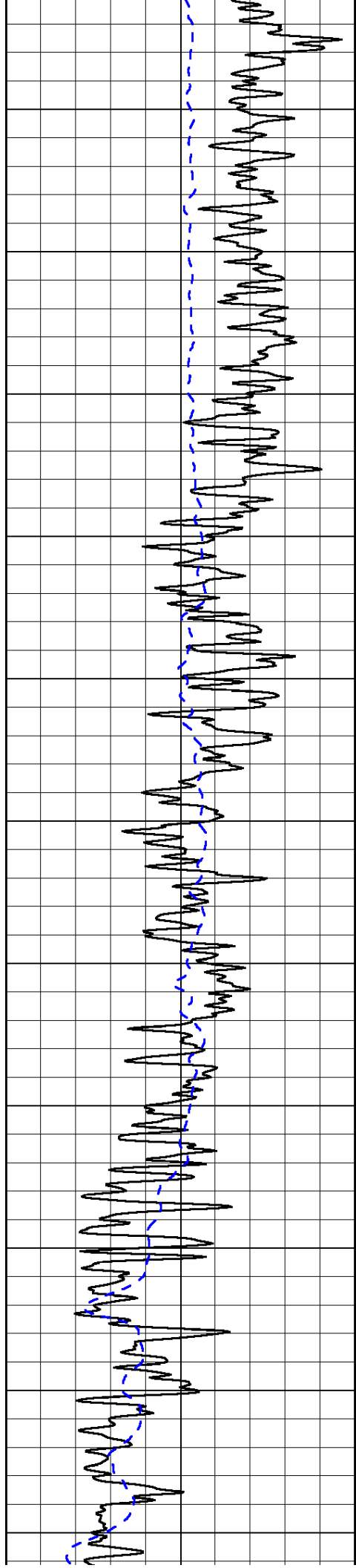
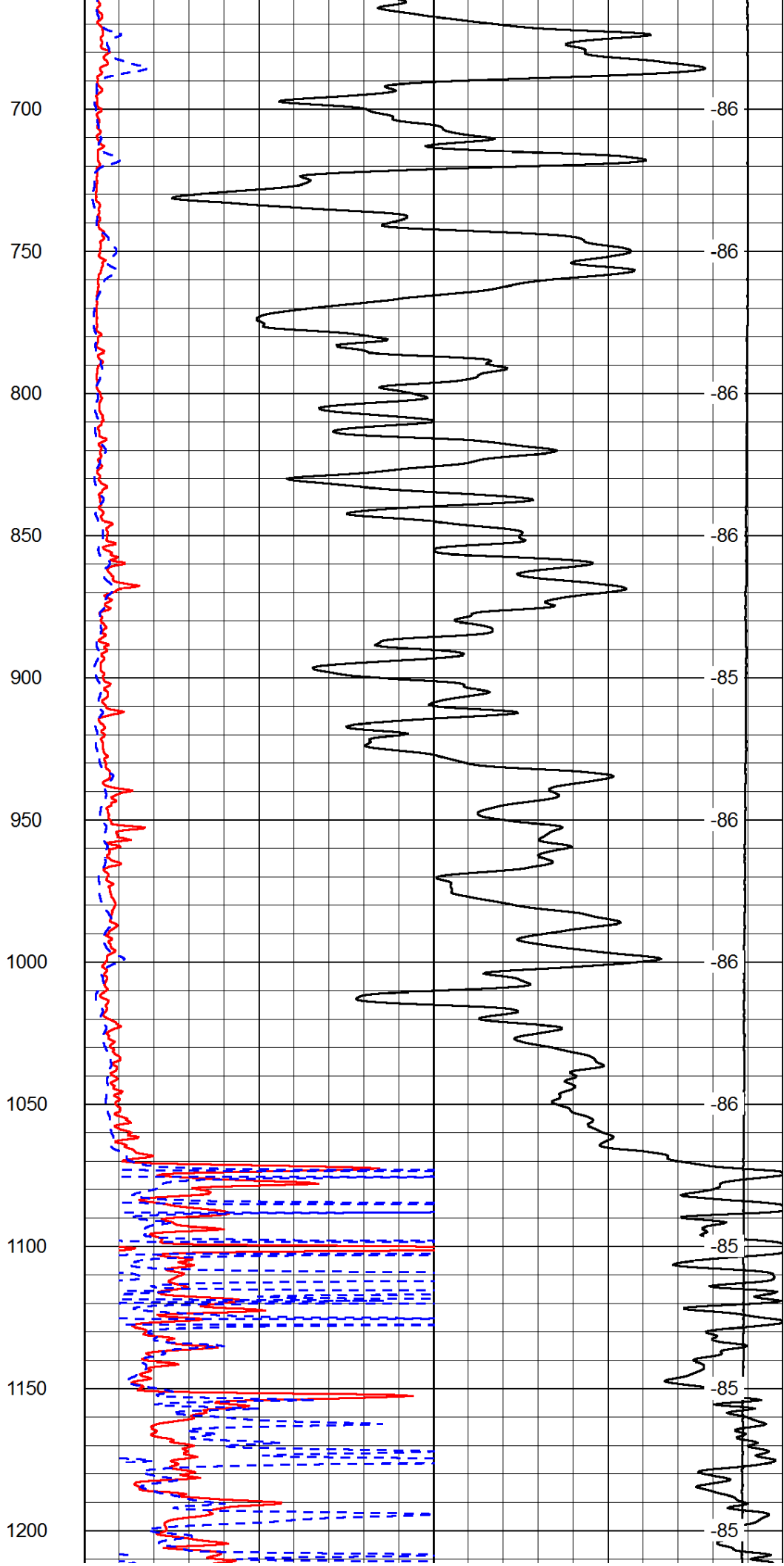
Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858
Medicine Lodge,
South to Scott Canyon Rd, 2 1/2 East,
North into

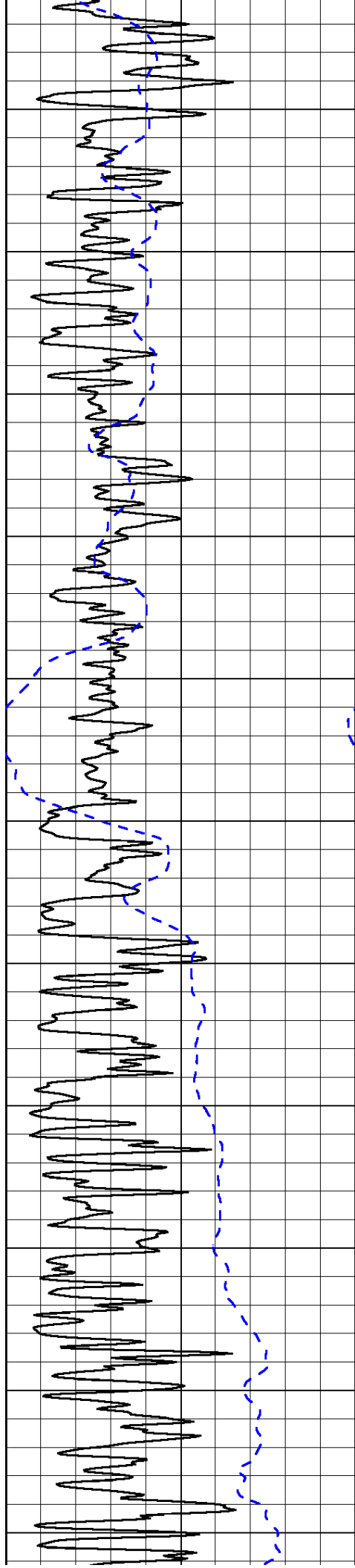
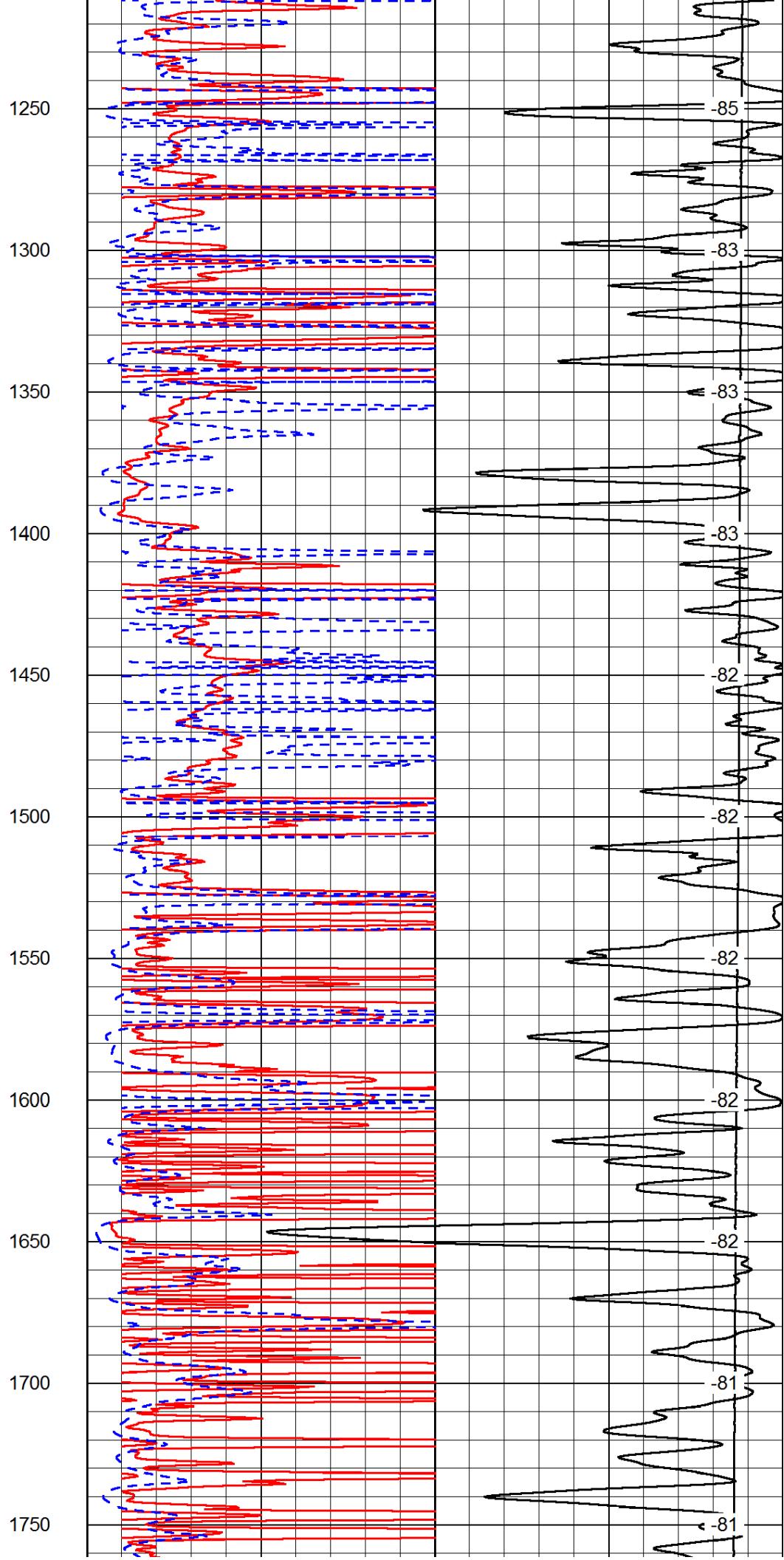
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Presentation Format: dil2in
Dataset Creation: Sat May 31 13:43:32 2014
Charted by: Depth in Feet scaled 1:600

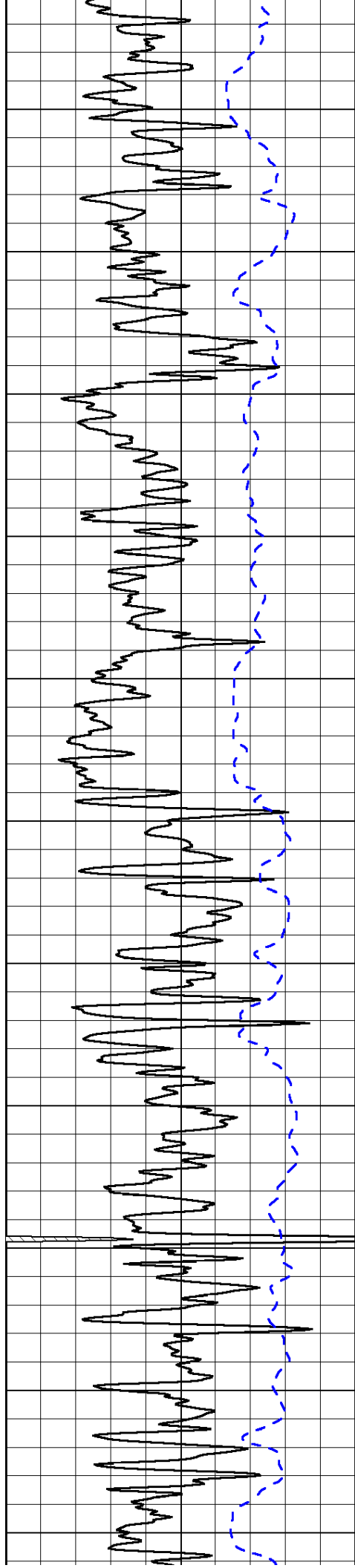
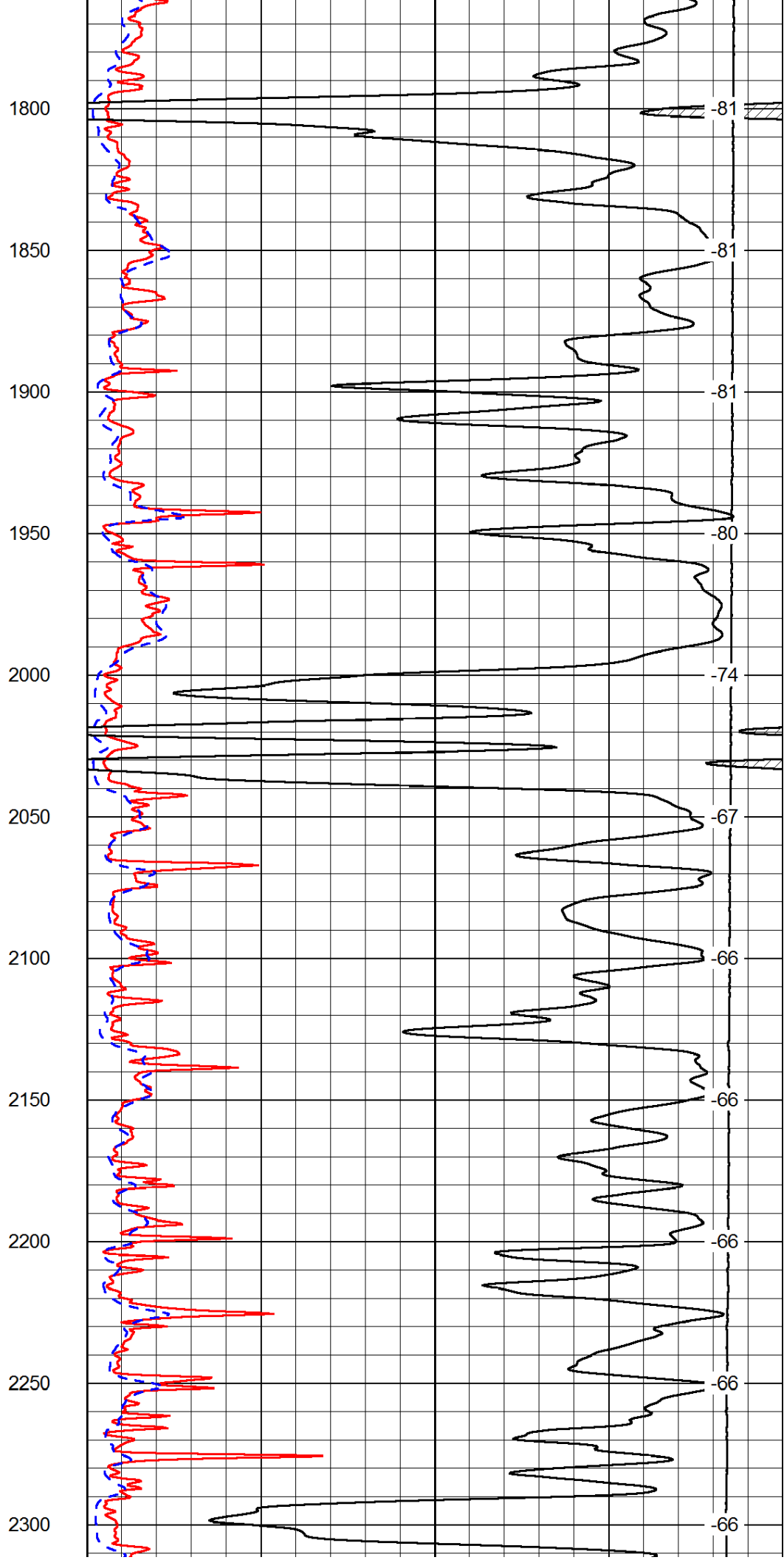
0	Gamma Ray	150
-200	SP (mV)	0

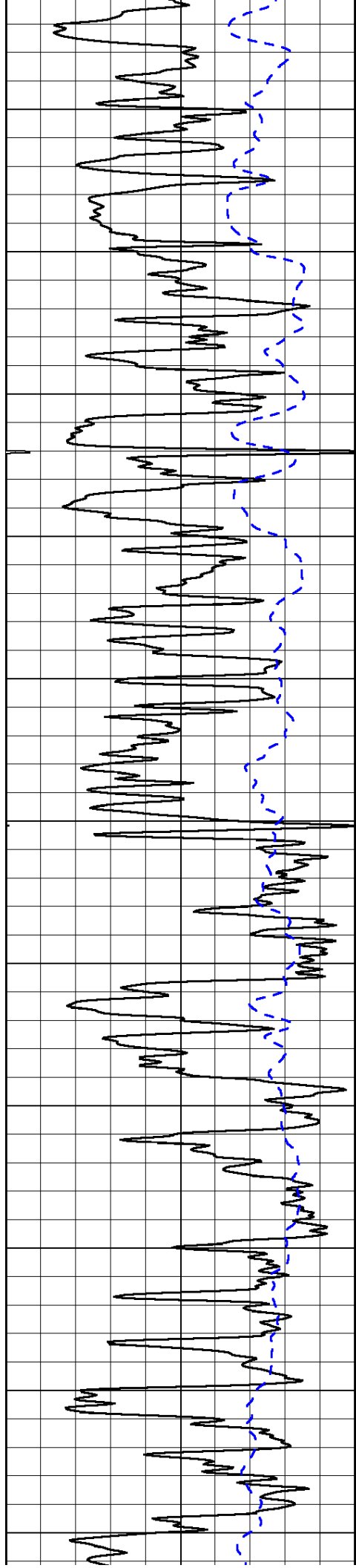
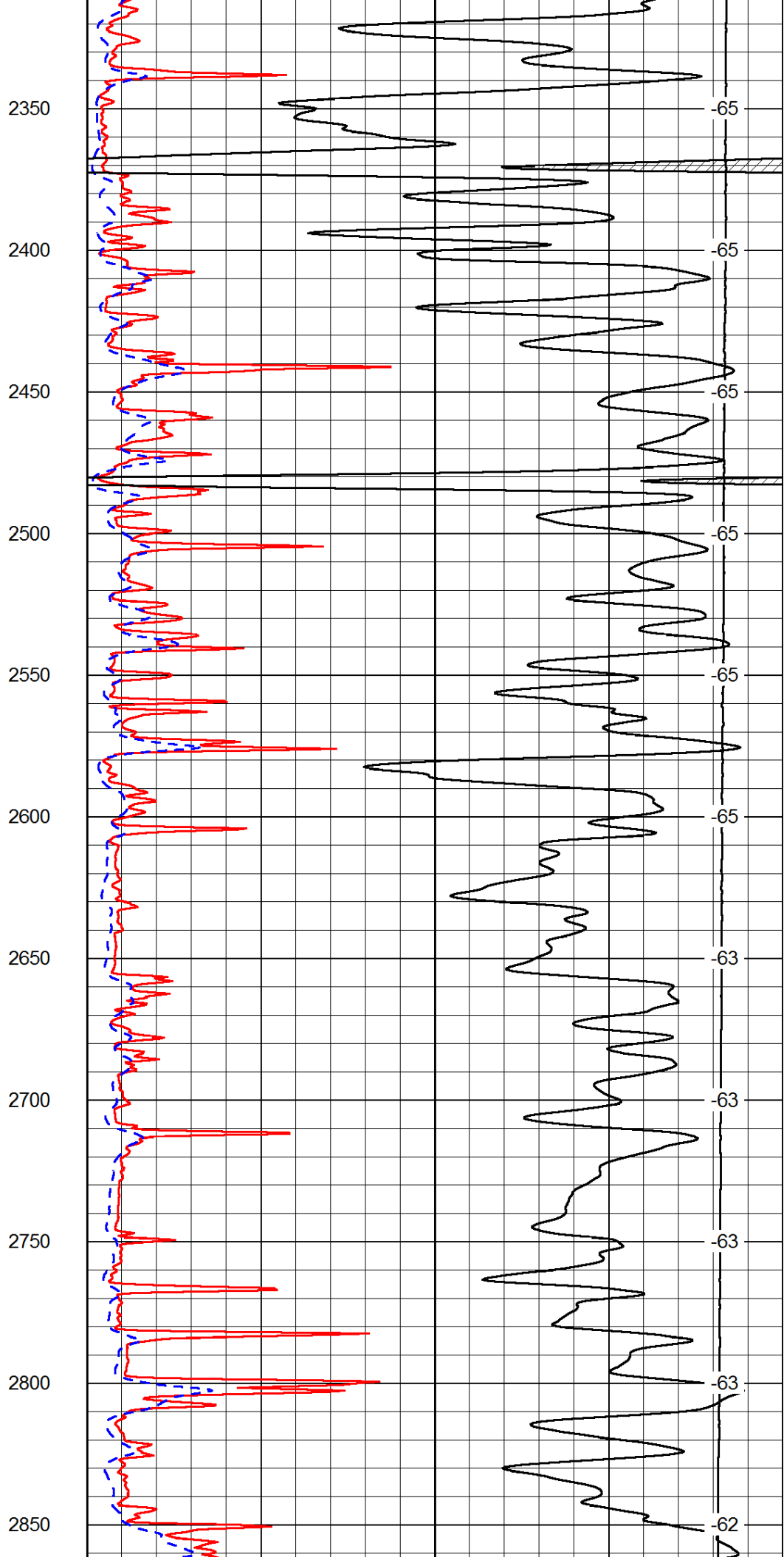
0	Shallow Resistivity	50	LSPD
0	Deep Resistivity	50	
1000	Conductivity		0
15000	Line Tension		0
50	Shallow Resistivity	500	
50	Deep Resistivity	500	

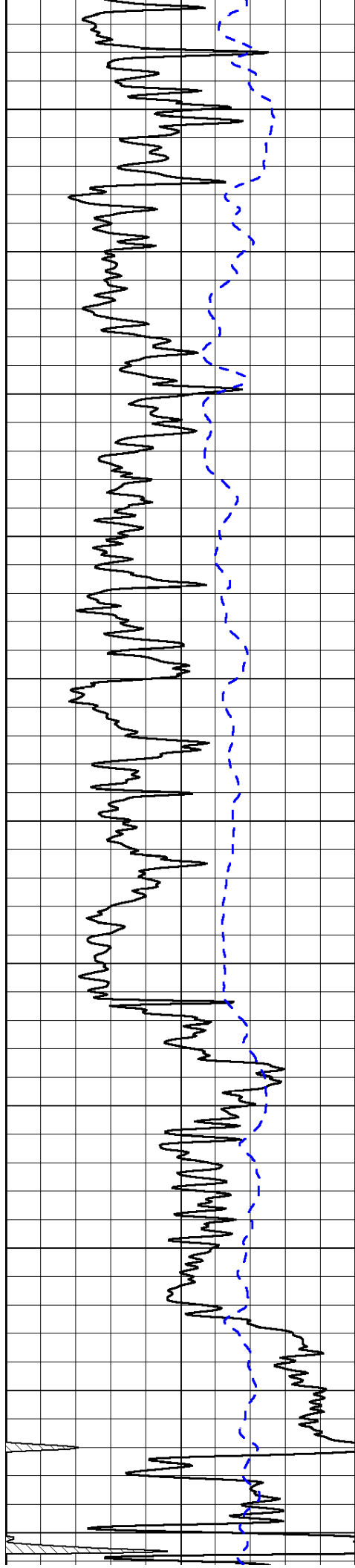
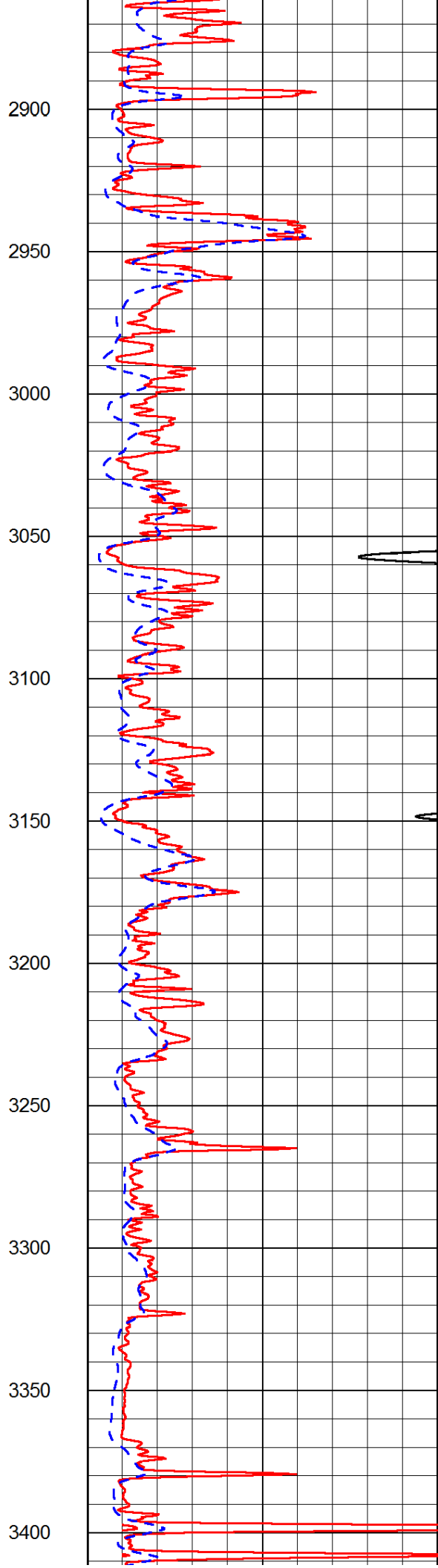
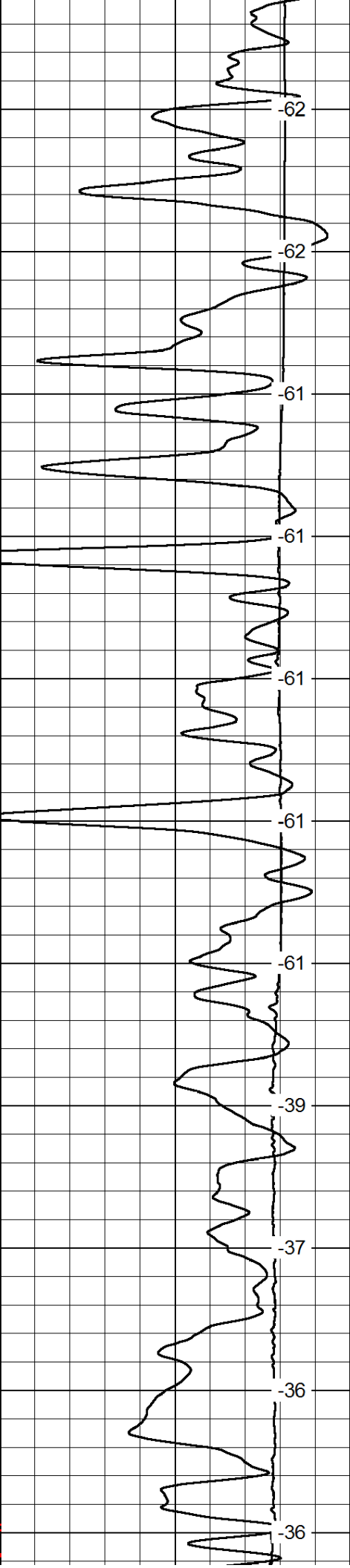


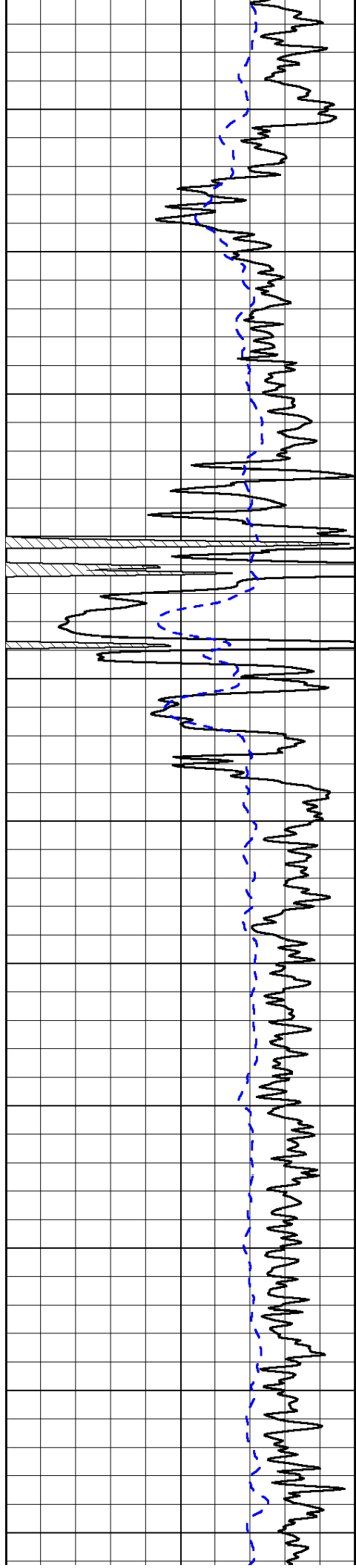
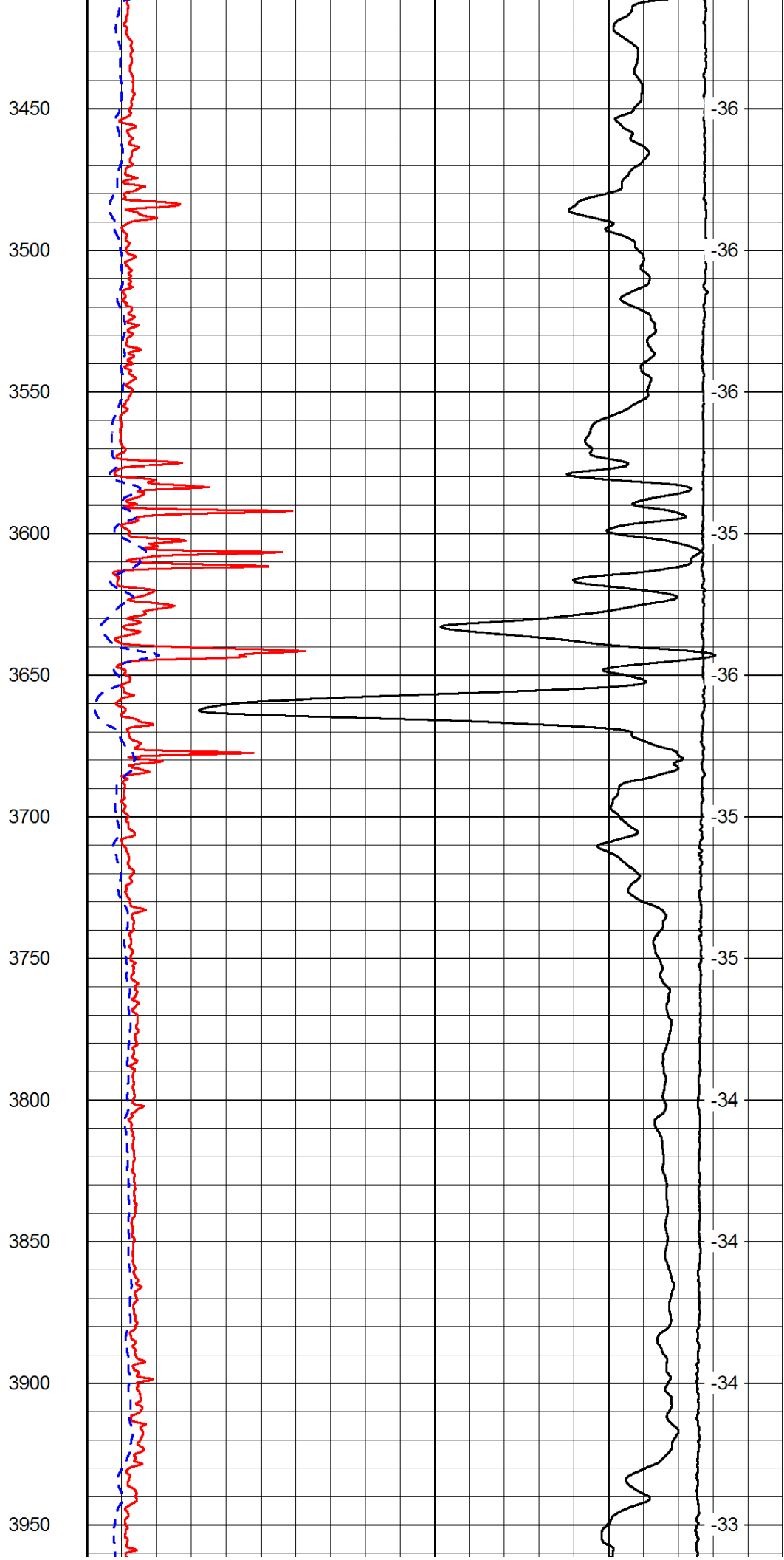


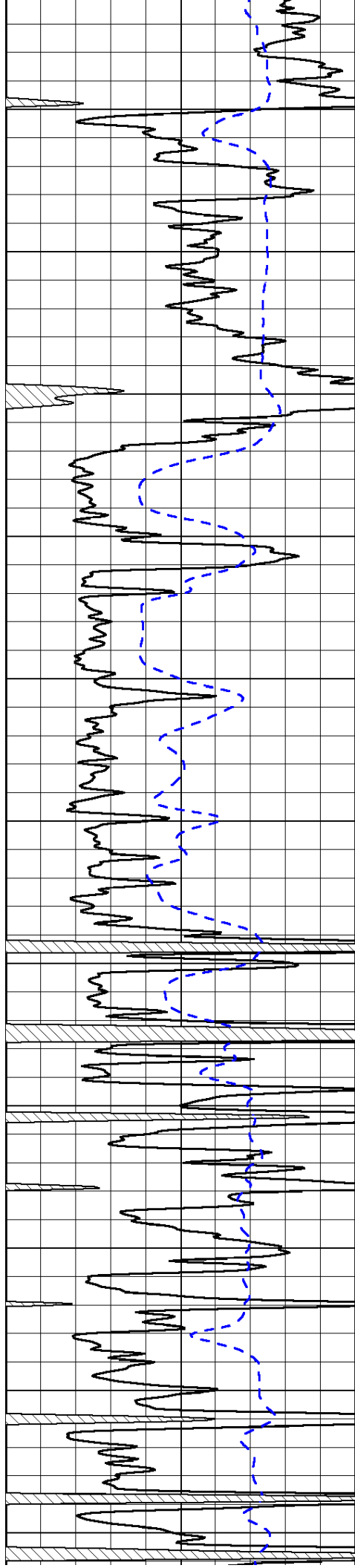
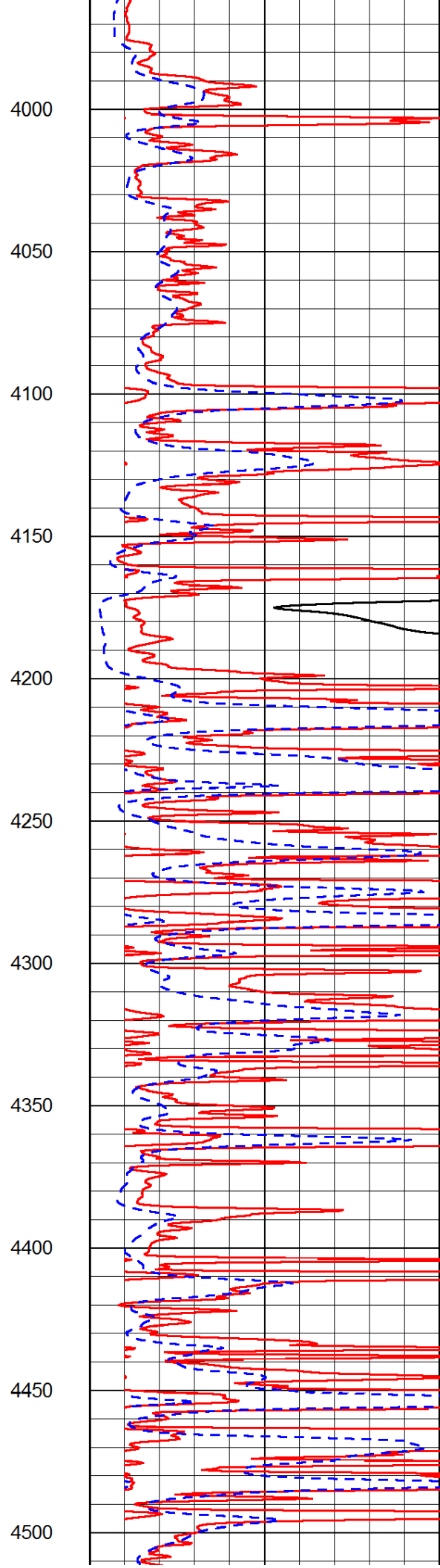
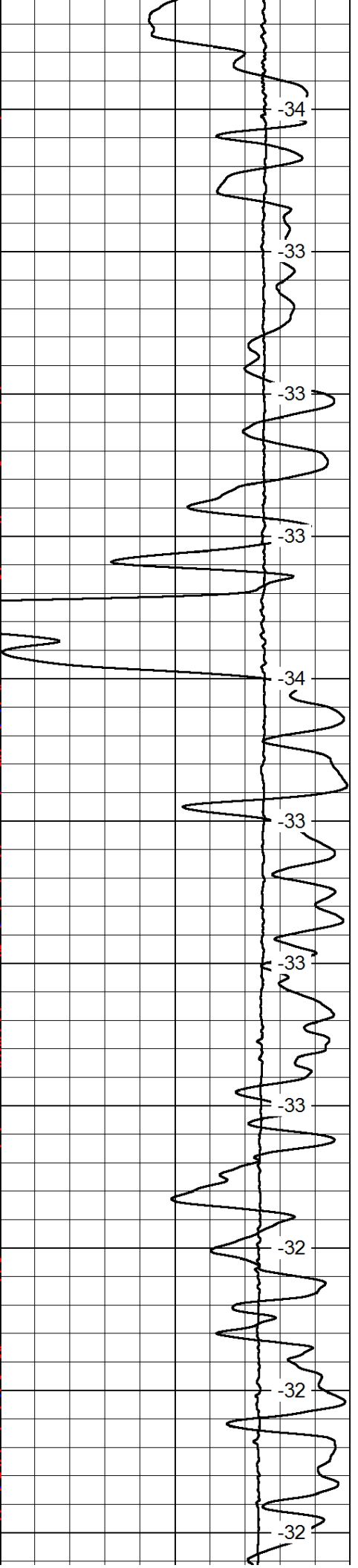


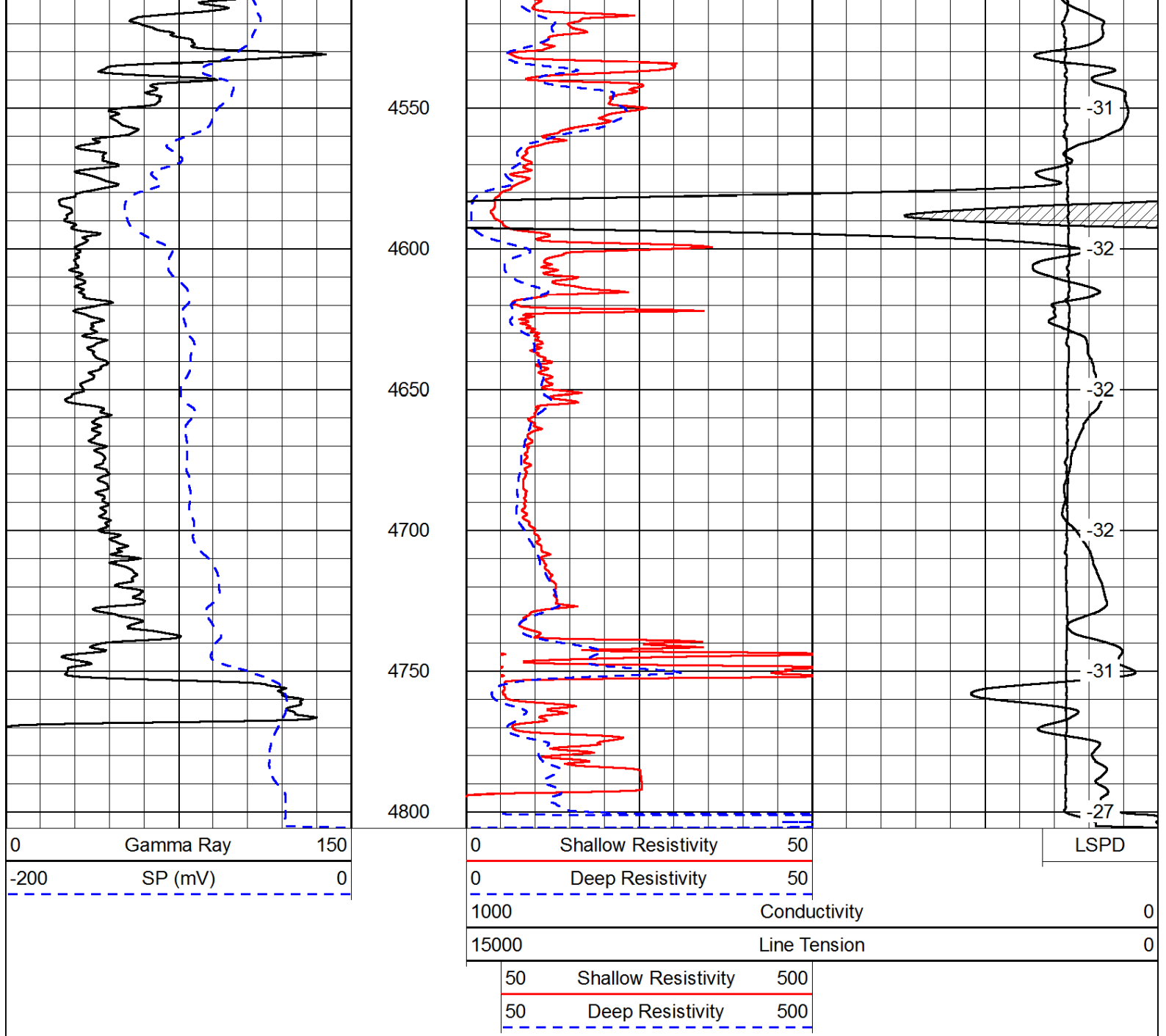




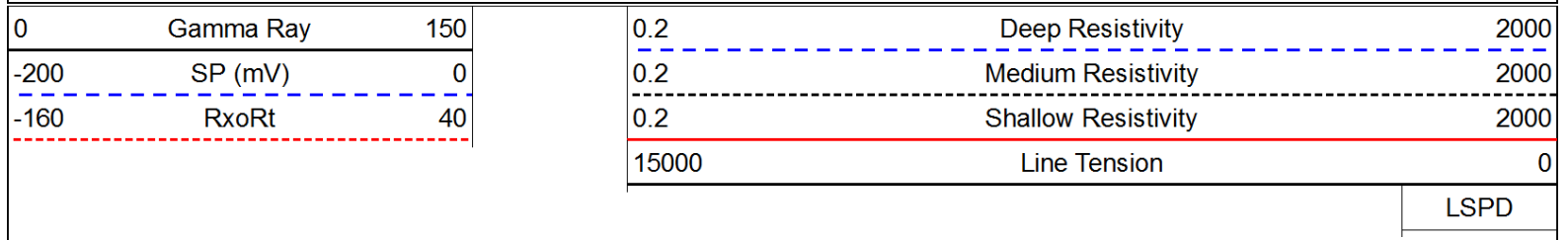


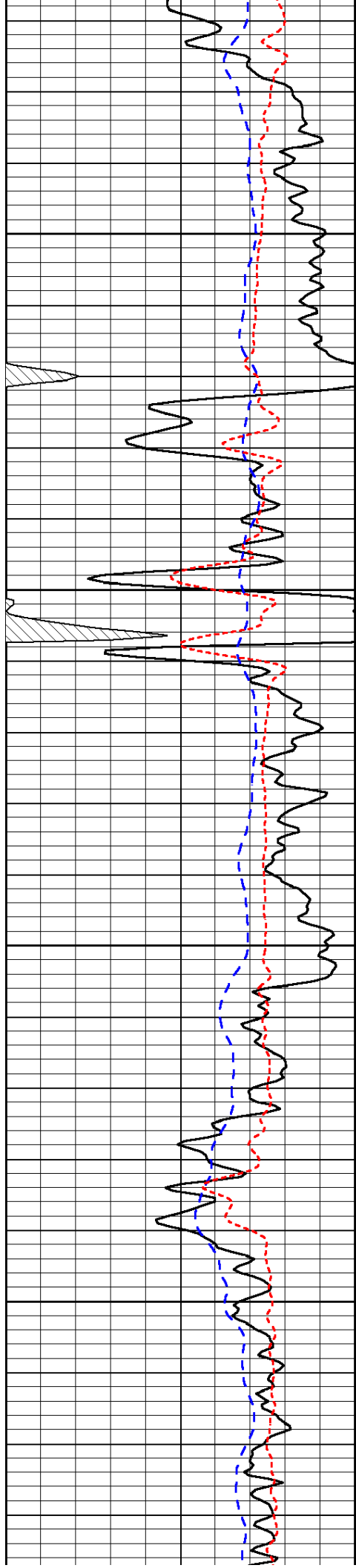






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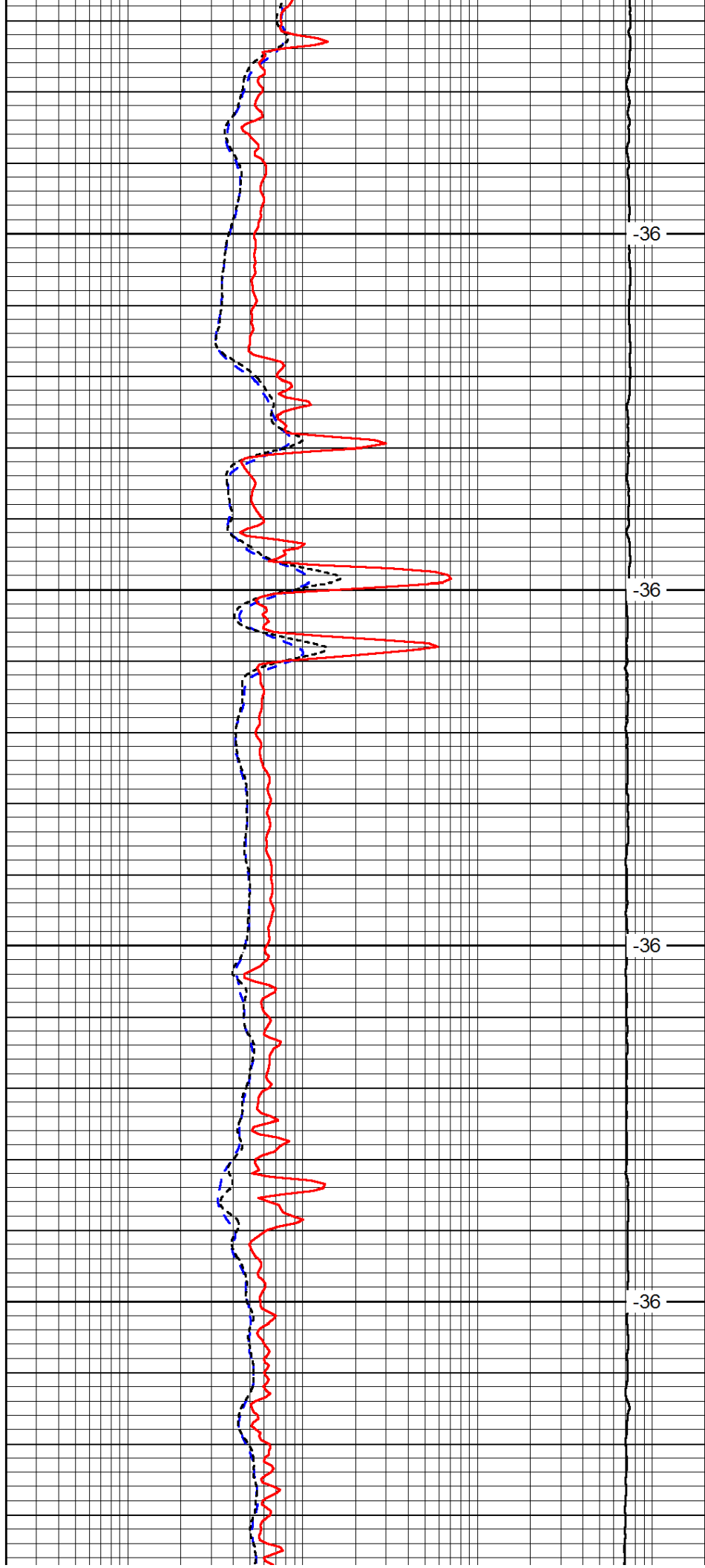


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3450

3500

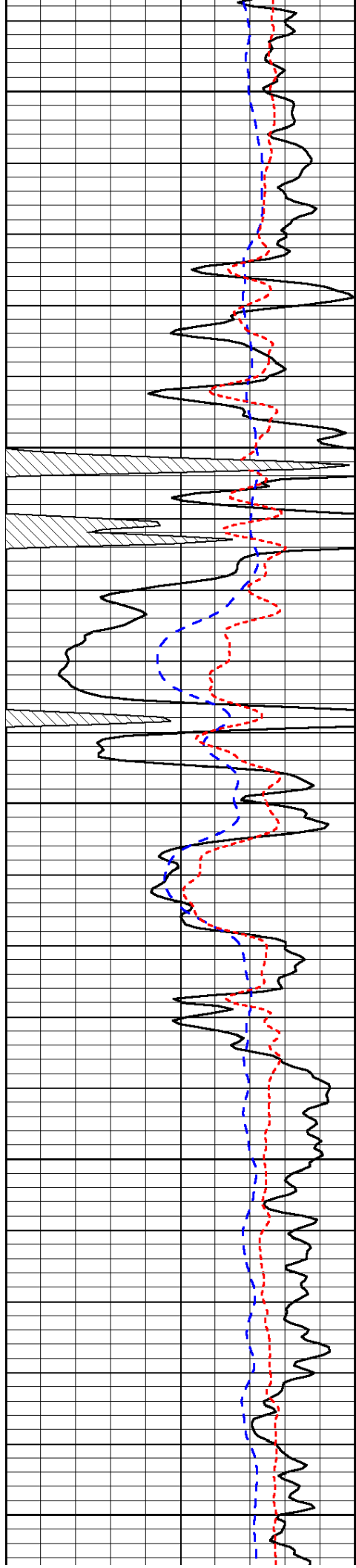


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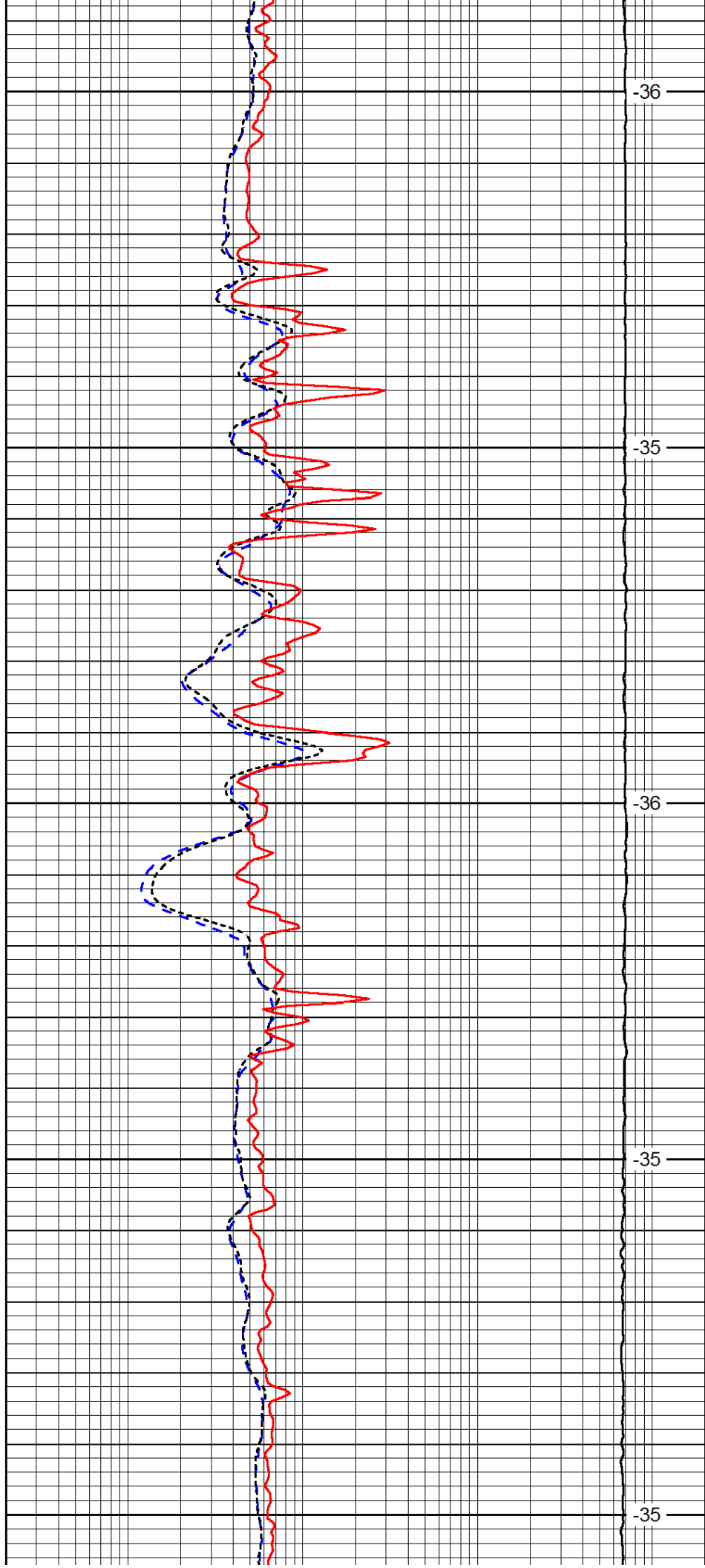
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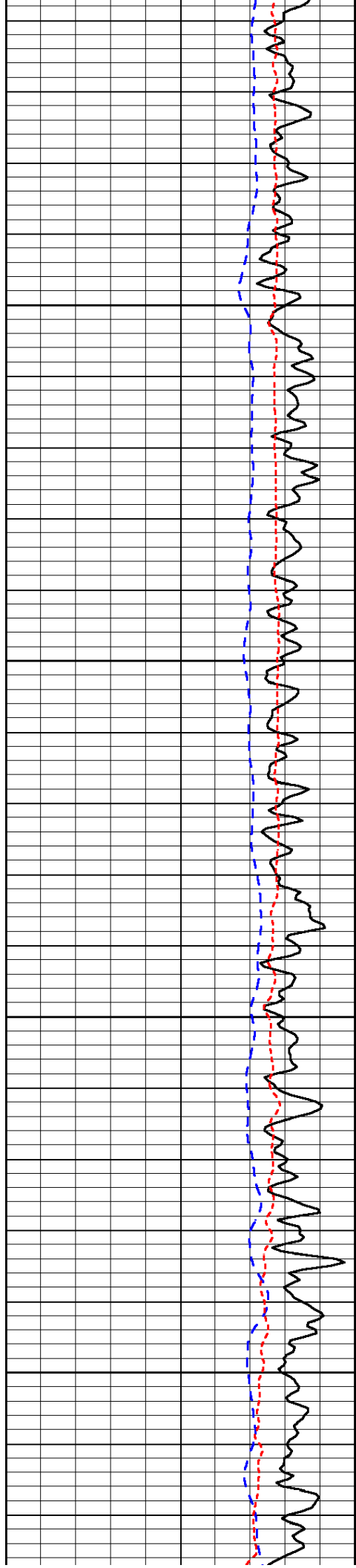
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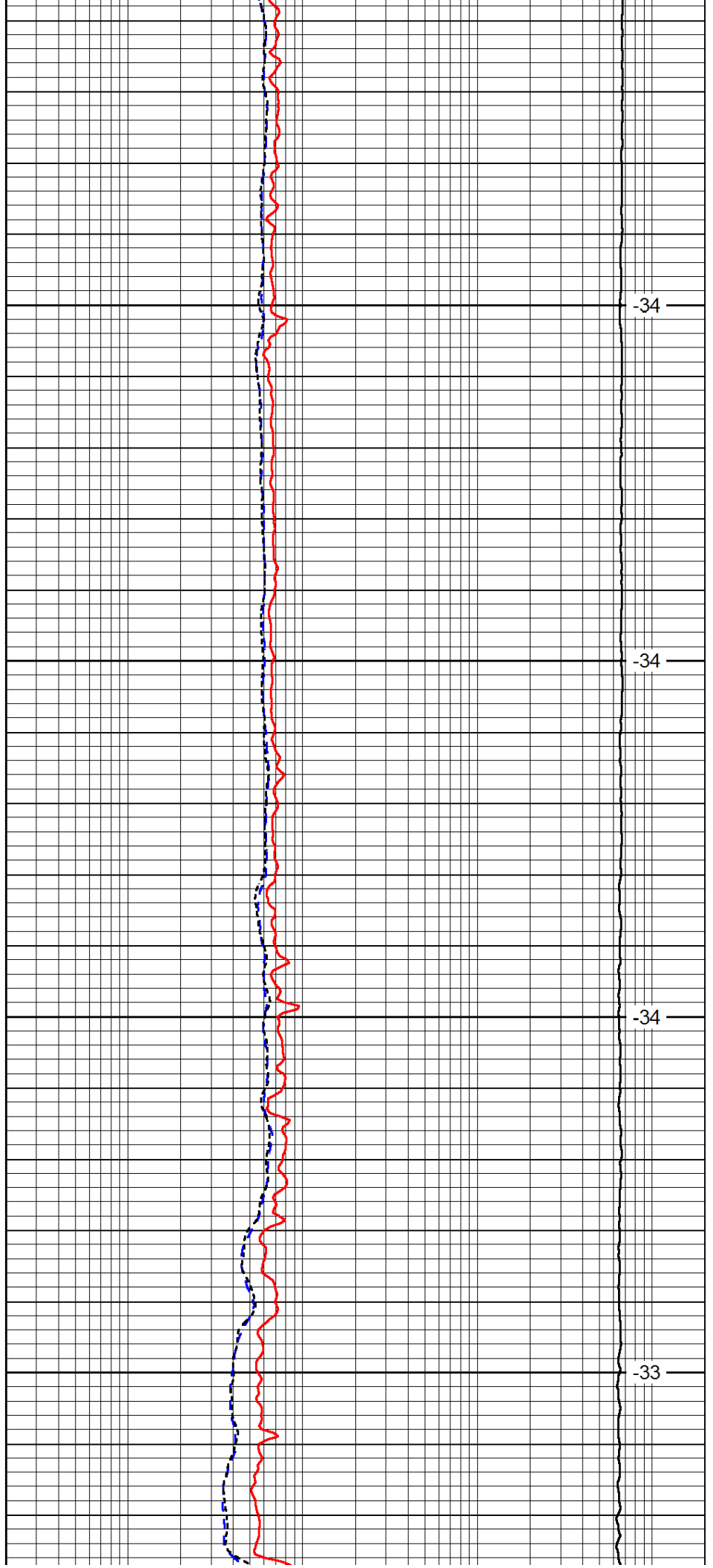


3800

3850

3900

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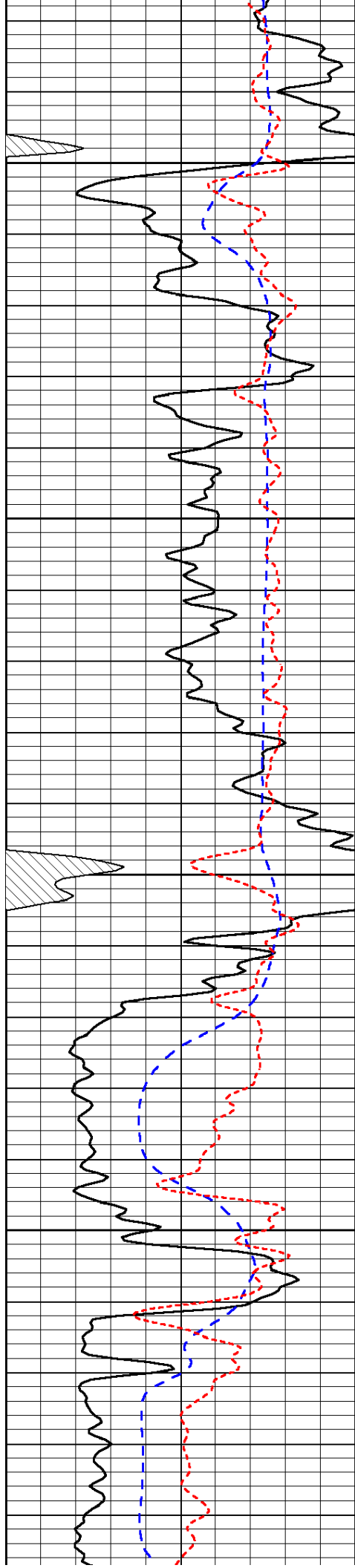


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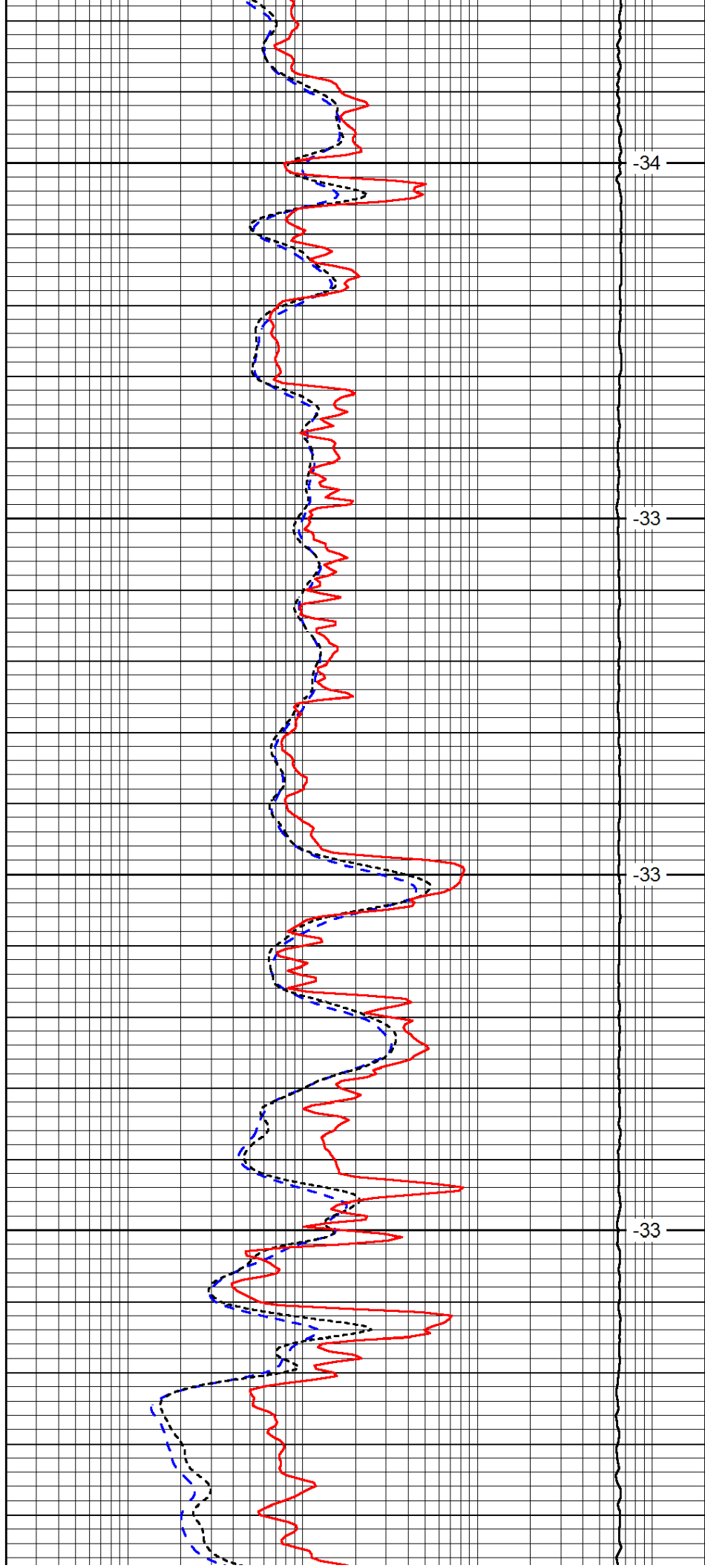


4000

4050

4100

4150

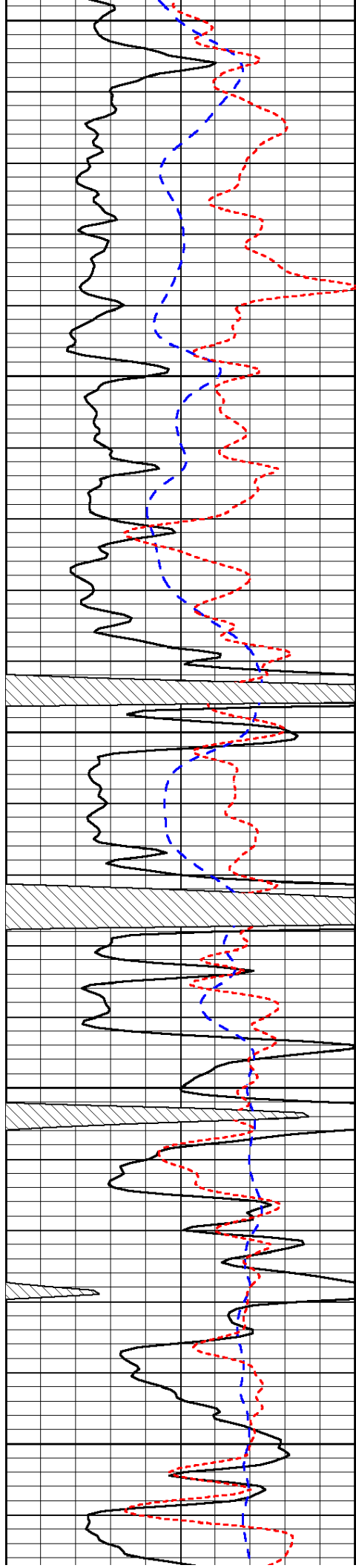


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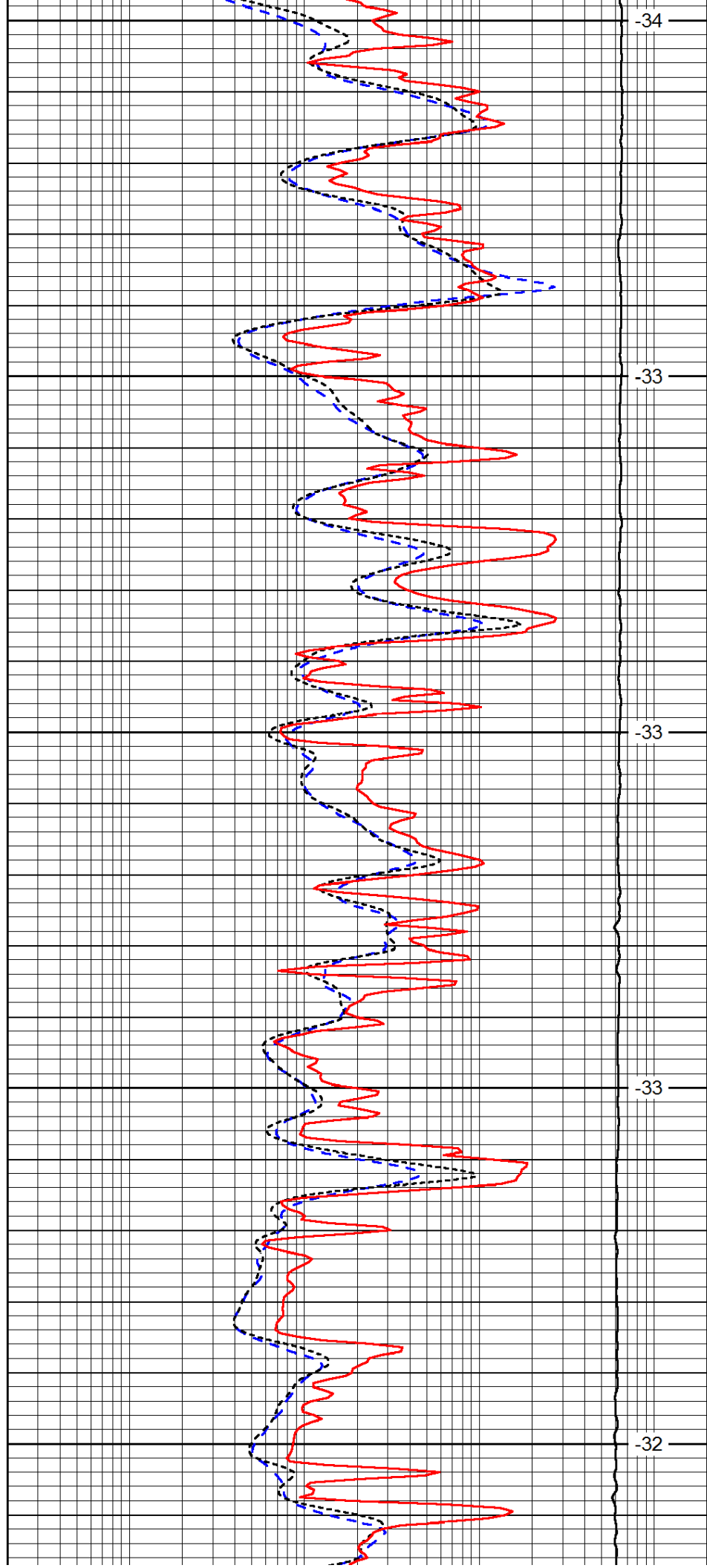
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4250

4300

4350

4400



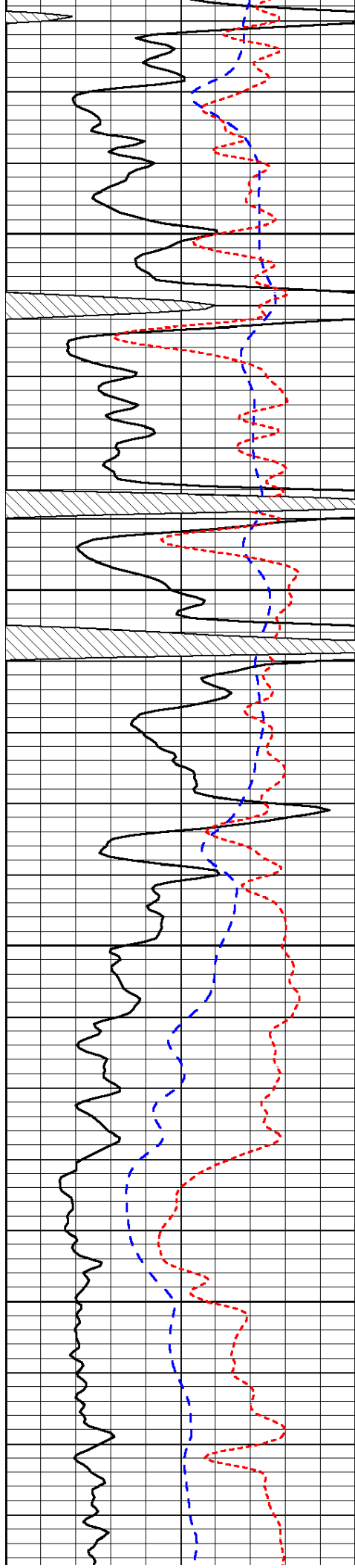
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-32

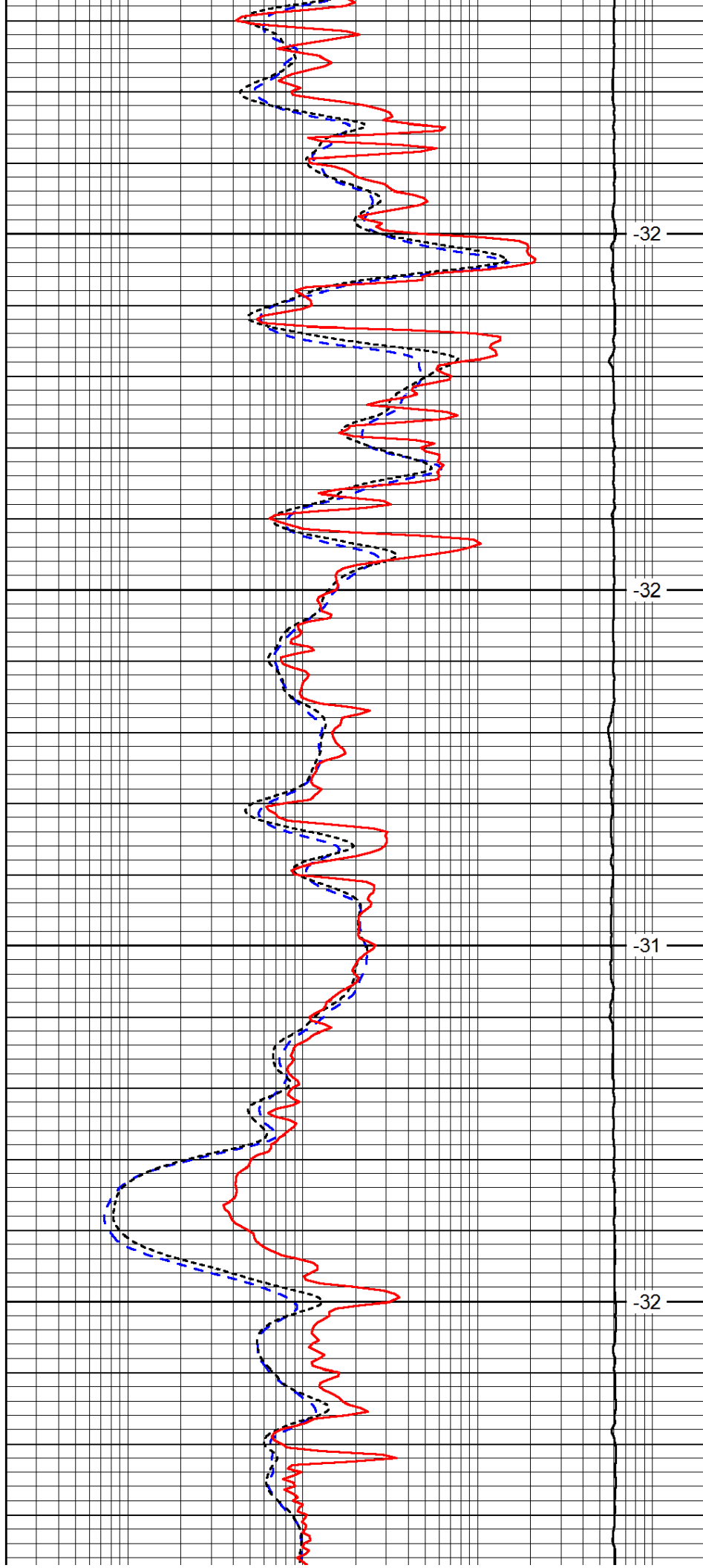


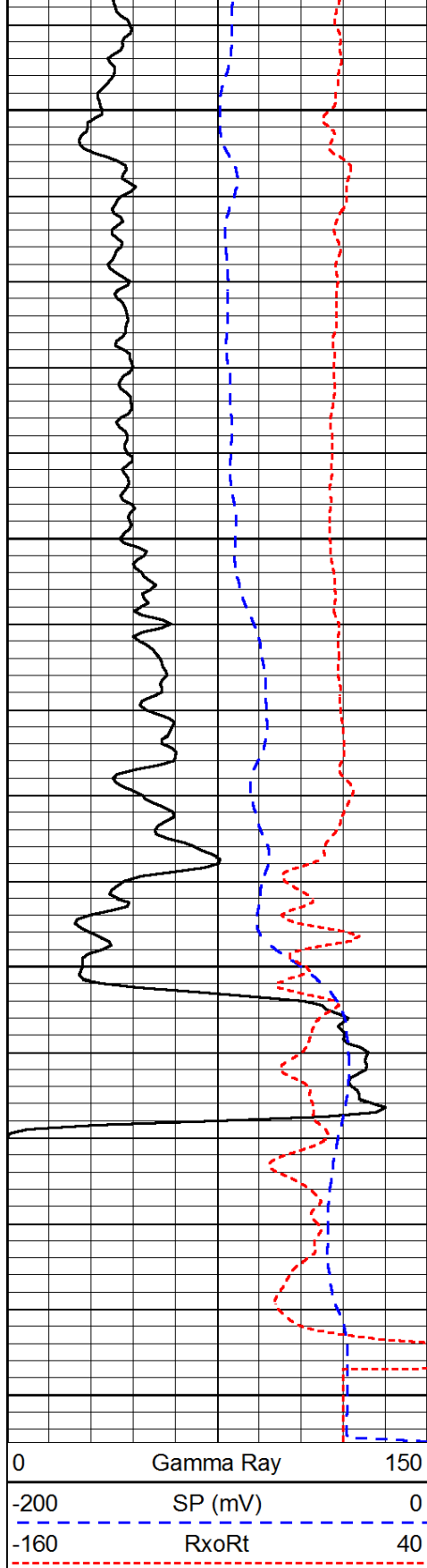
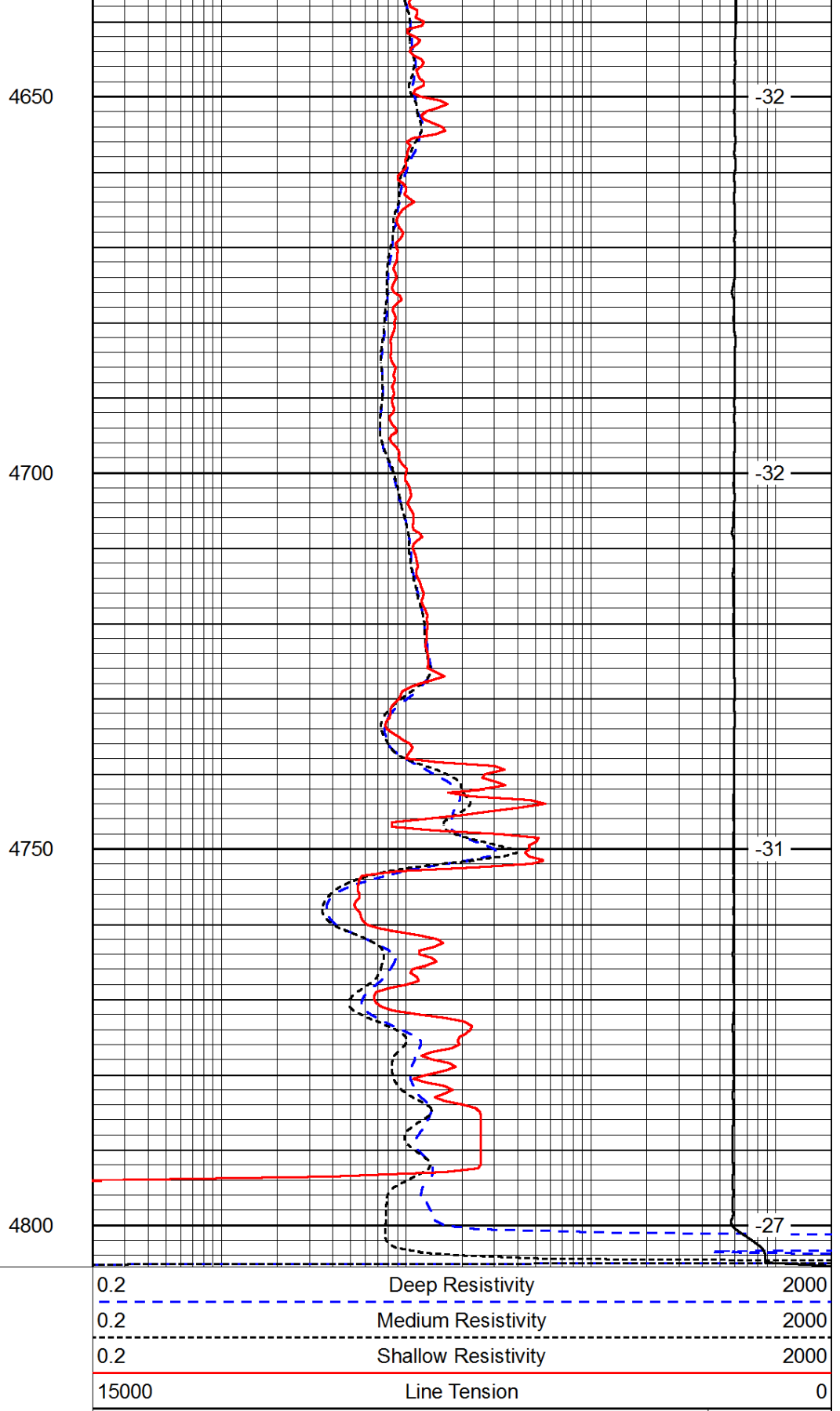
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LSPD