



Dual Induction Log

Pioneer Energy Services

API No.	Company RAMA Operating Company, Inc.		
	Well Goss #1-17		
	Field Zenith-Peace Creek		
	County Stafford	State	Kansas
	Location SE NW NW NW 335' FNL & 595' FWL	Other Services CNL/CDL MEL	
	Sec: 17	Twp: 24S	Rge: 11W
Permanent Datum	Ground Level	Elevation 1834	
Log Measured From	Kelly Bushing	9 Ft. Above Perm. Datum	K.B. 1843
Drilling Measured From	Kelly Bushing		D.F. 1834
			G.L. 1834
Date	5/4/2104		
Run Number	One		
Depth Driller	4060		
Depth Logger	4057		
Bottom Logged Interval	4056		
Top Log Interval	250		
Casing Driller	8.625 @ 295		
Casing Logger	293		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	9000		
Density / Viscosity	9.1 50		
pH / Fluid Loss	8.0 9.2		
Source of Sample	Flowline		
Rm @ Meas. Temp	0.31 @ 87		
Rmf @ Meas. Temp	0.23 @ 87		
Rmc @ Meas. Temp	0.42 @ 87		
Source of Rmf / Rmc	Charts		
Rm @ BHT	0.23 @ 117		
Operating Rig Time	4 Hours		
Max Rec. Temp. F	117		
Equipment Number	15		
Location	Hays		
Recorded By	D. Kerr		
Witnessed By	Josh Austin		

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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

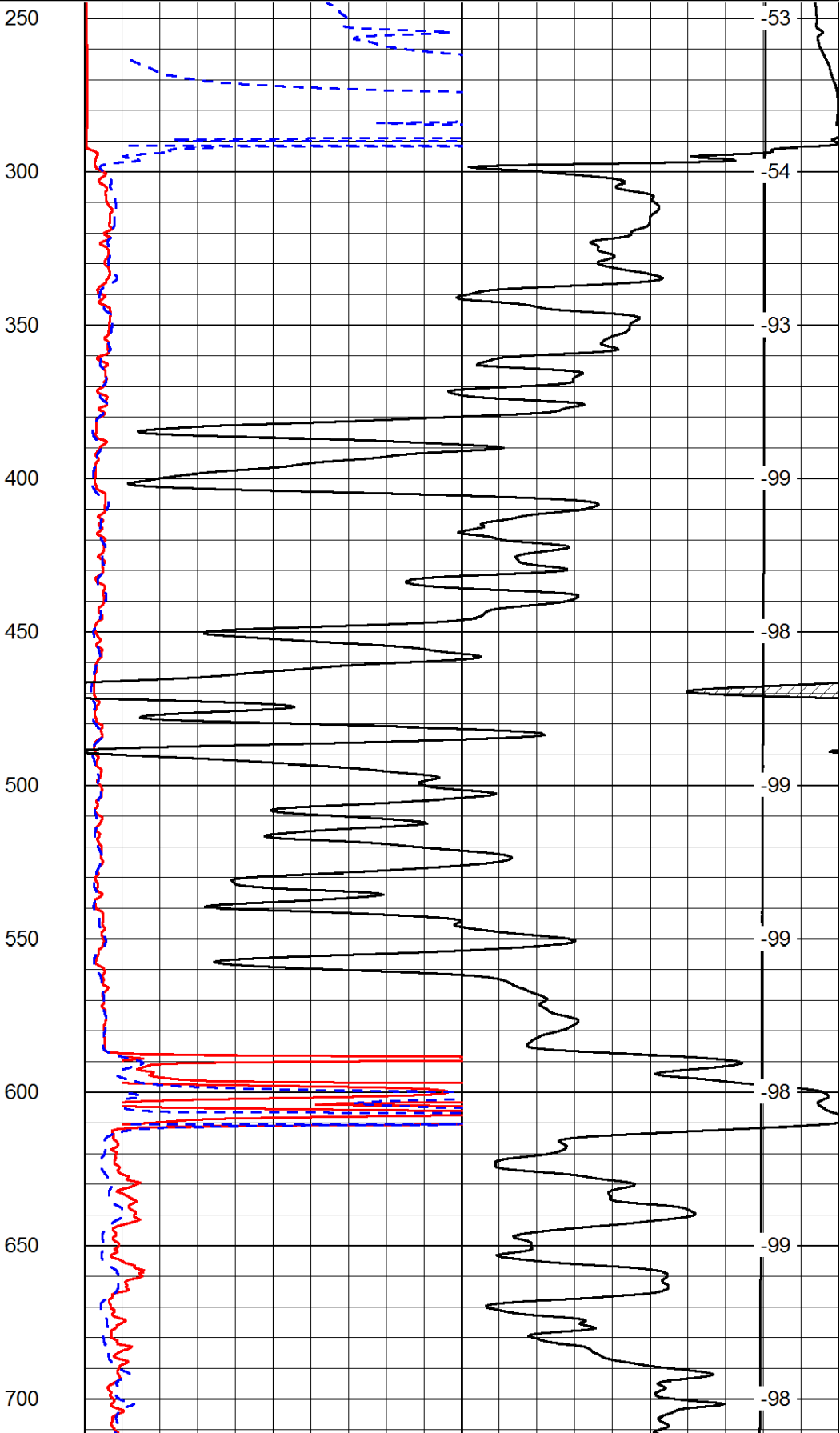
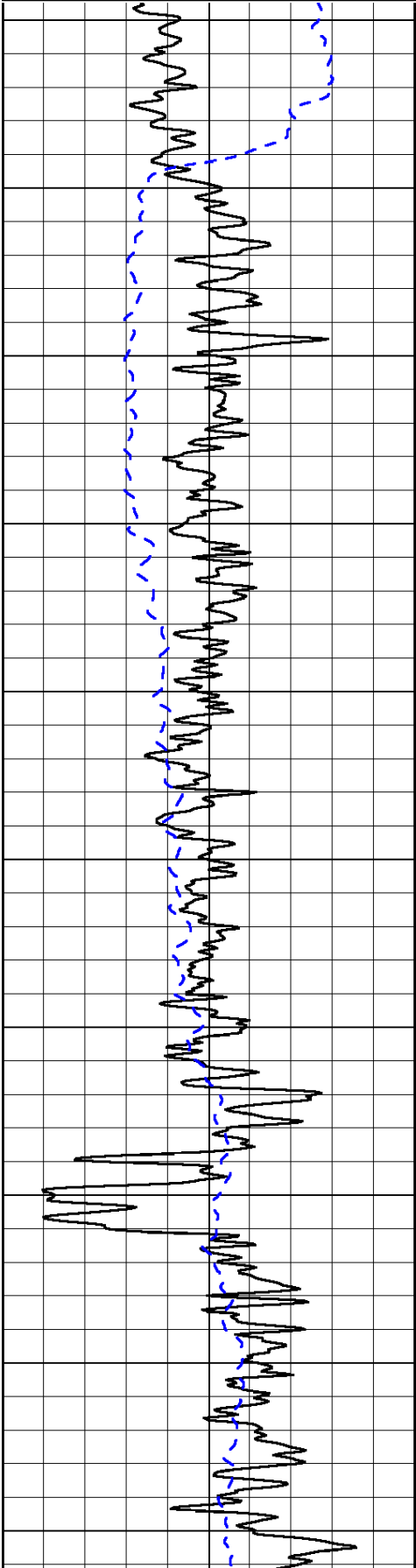
Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858

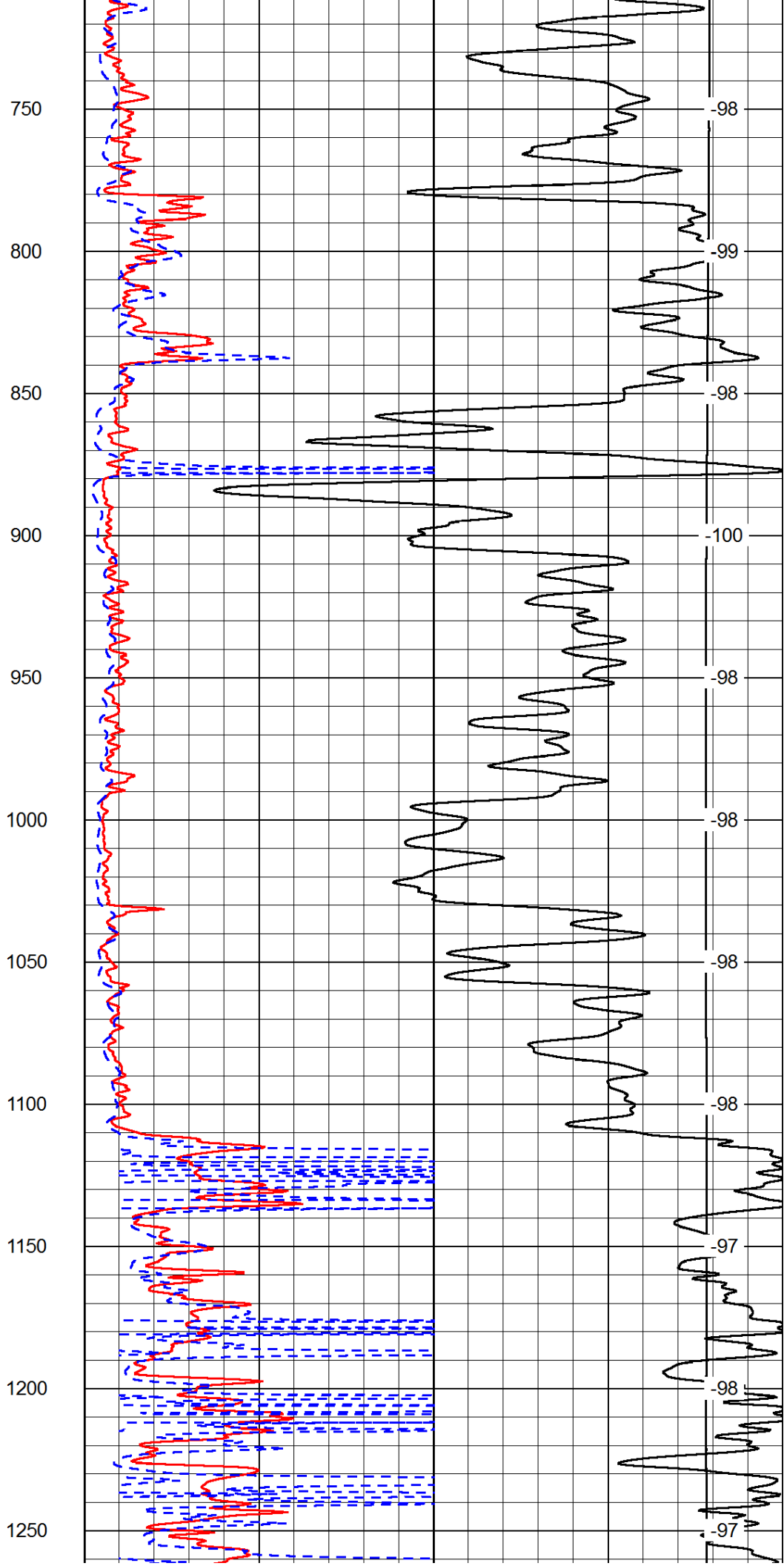
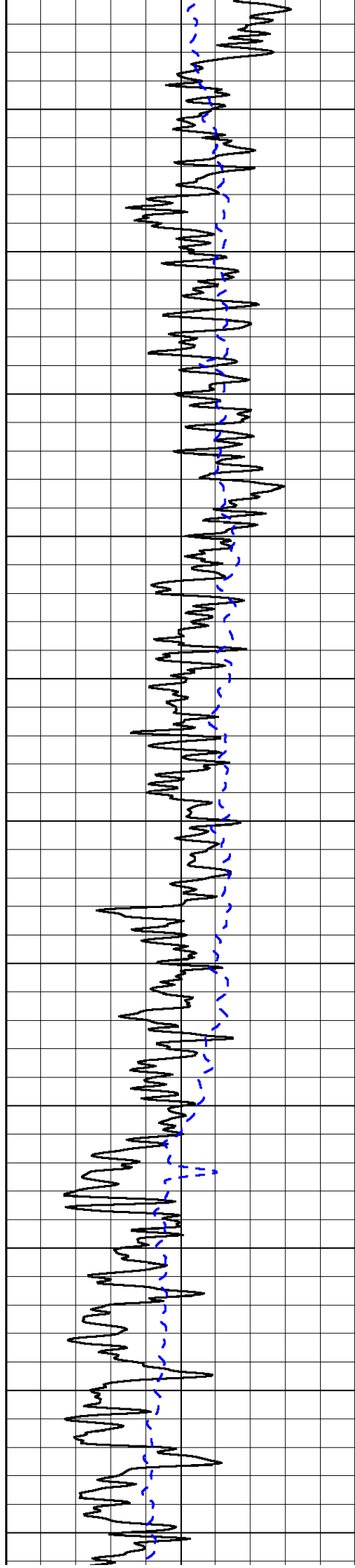
Stafford KS, 2 East, 1 North, East Into

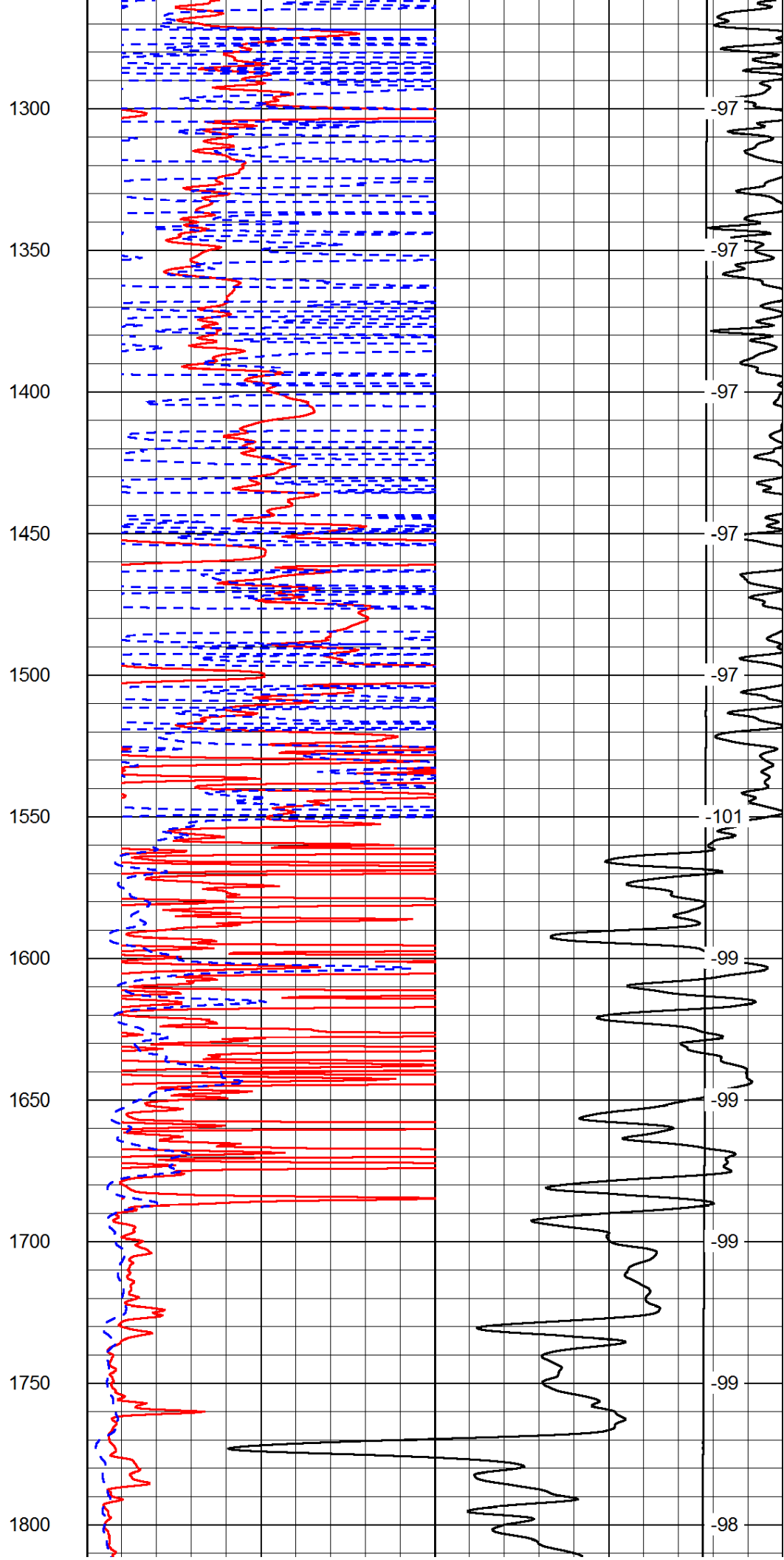
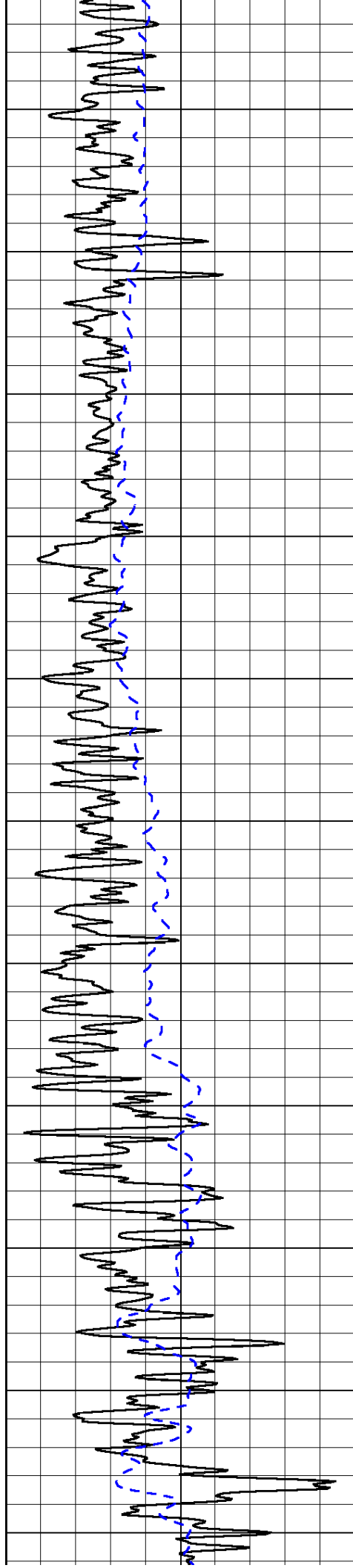
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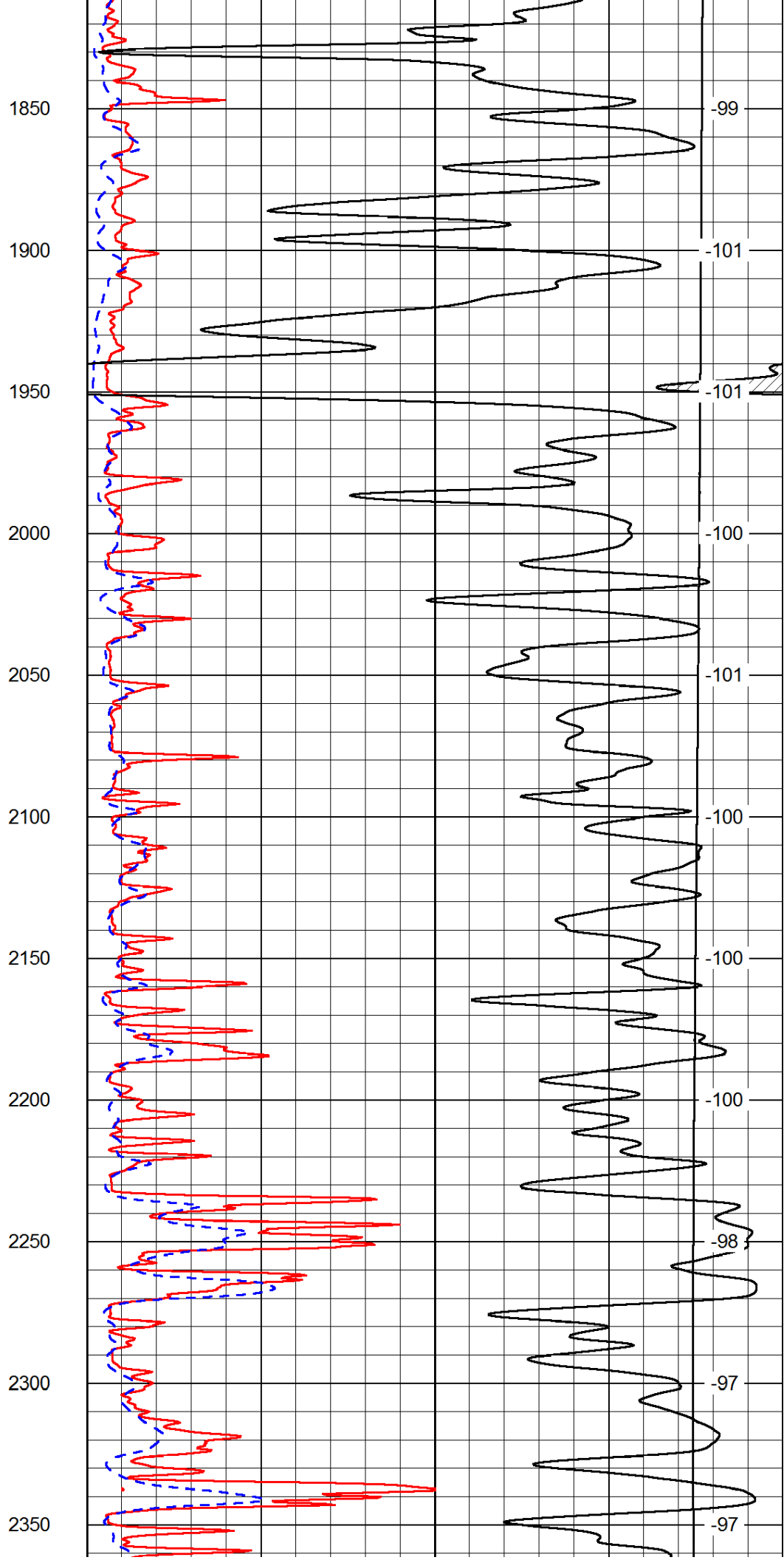
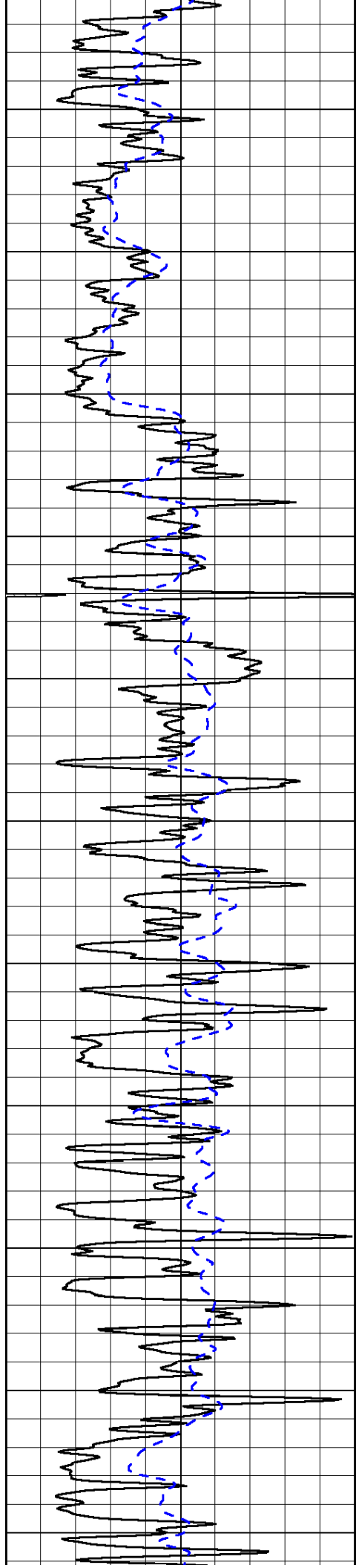
0	Gamma Ray	150
-200	SP (mV)	0

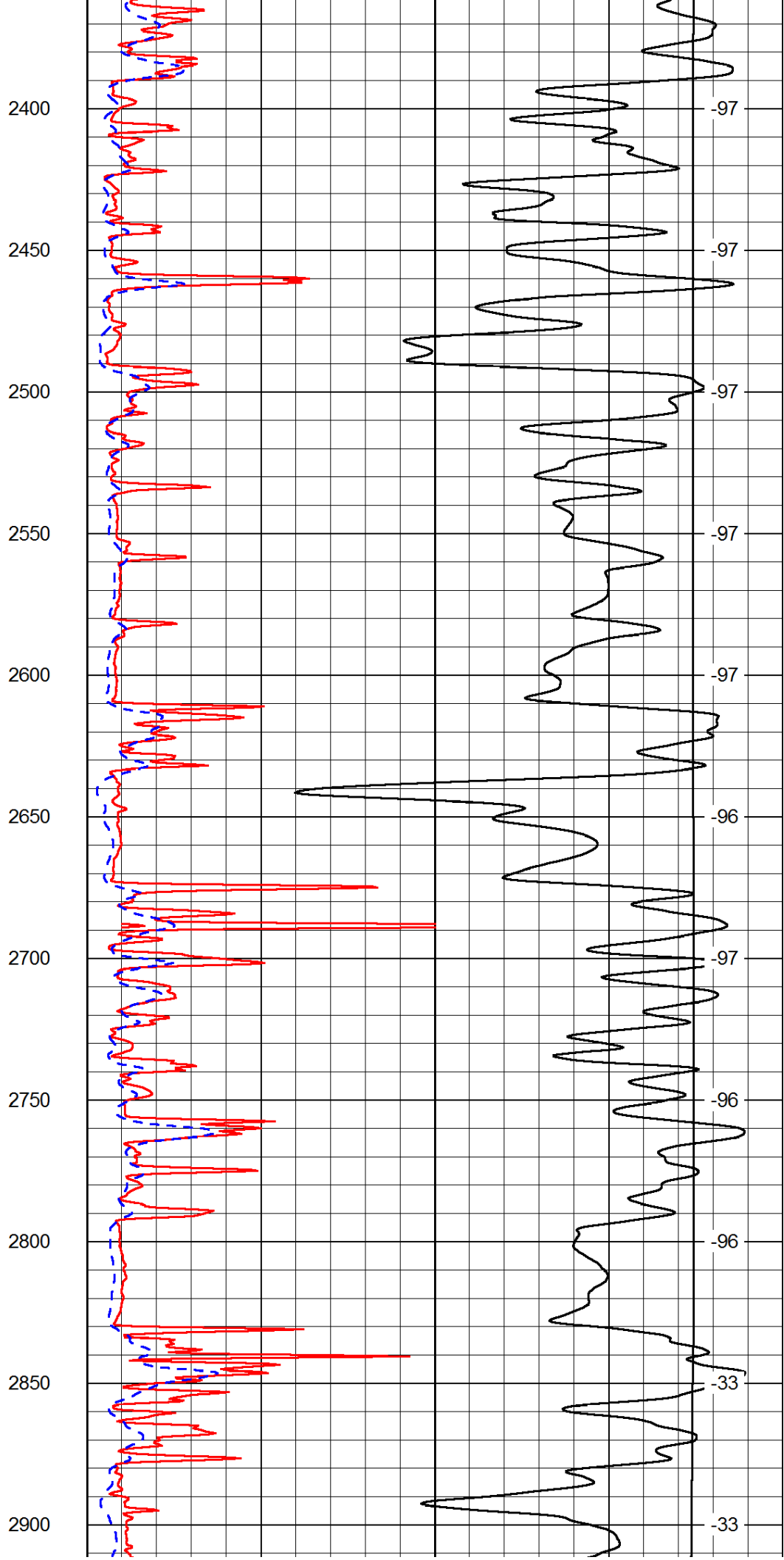
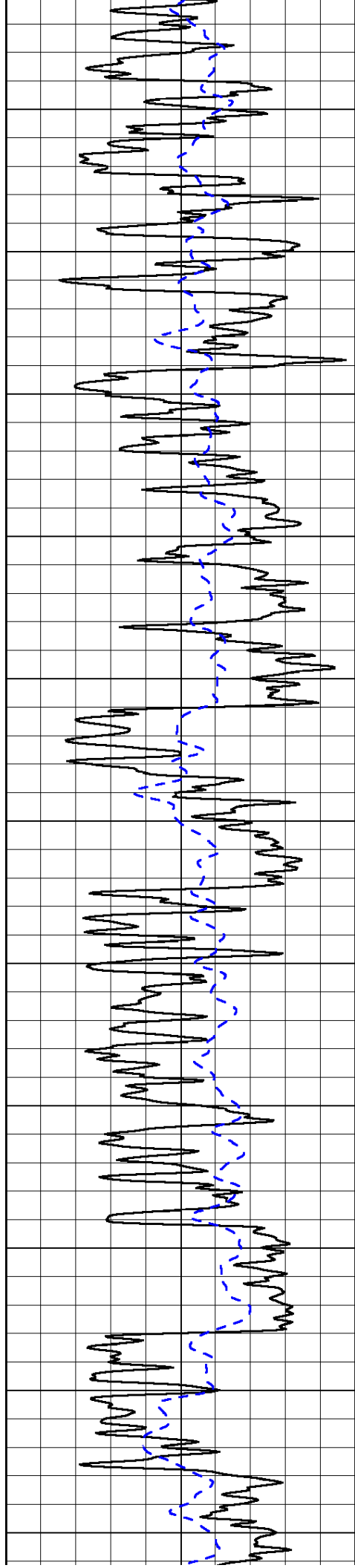
0	Shallow Resistivity	50	LSPD
0	Deep Resistivity	50	
1000	Conductivity		0
15000	Line Tension		0
50	Shallow Resistivity	500	
50	Deep Resistivity	500	

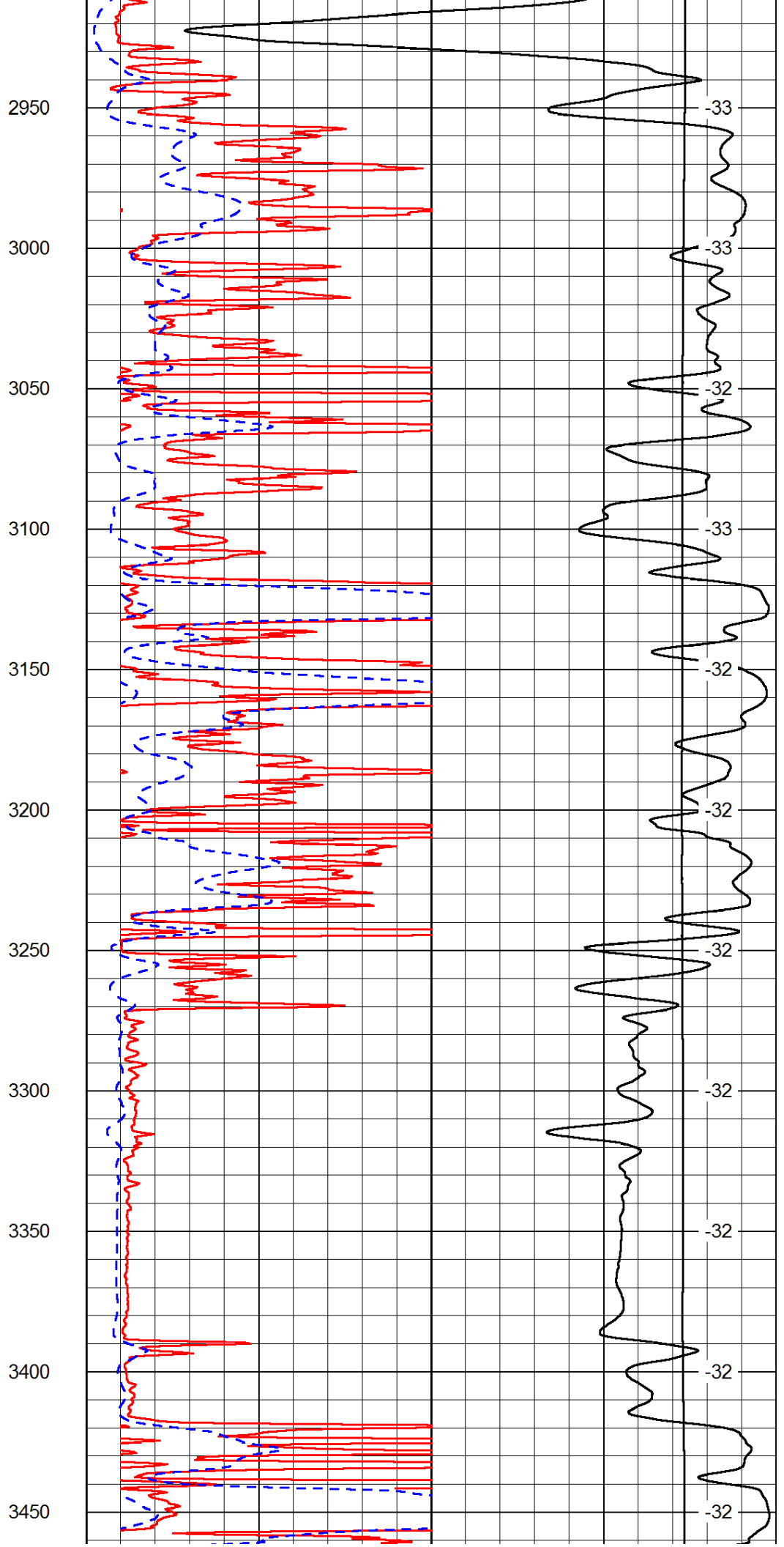
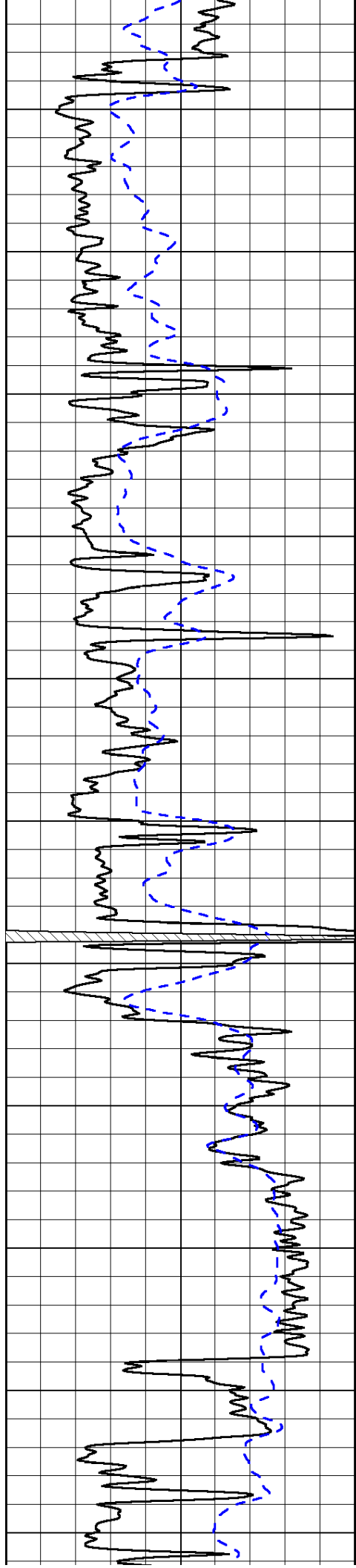


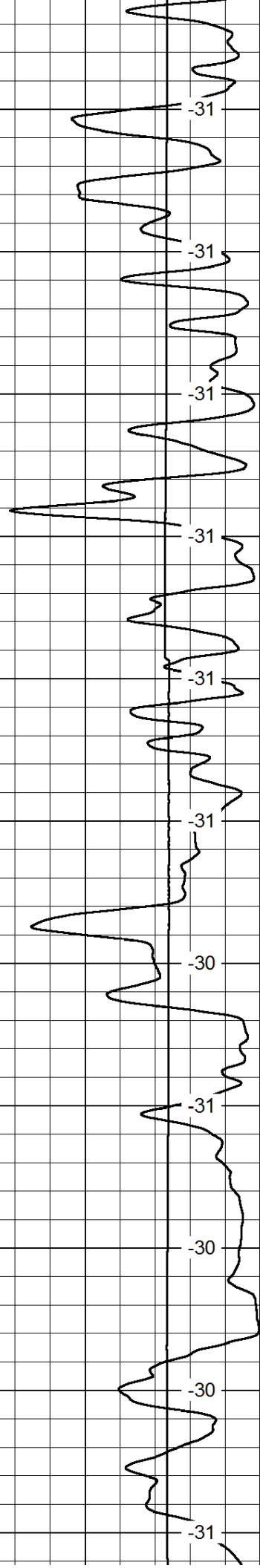
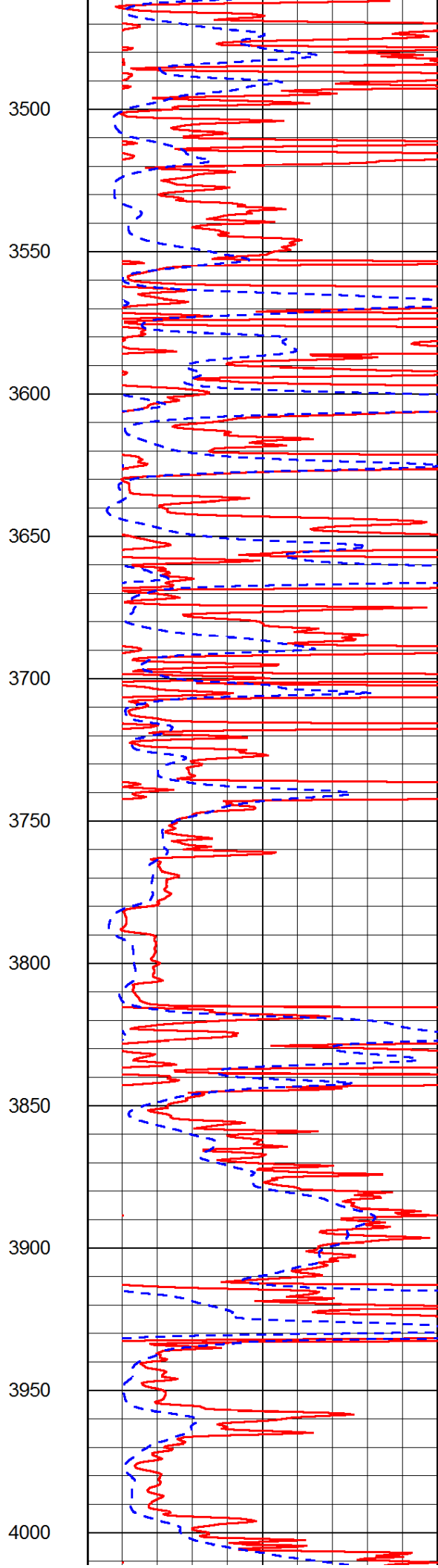
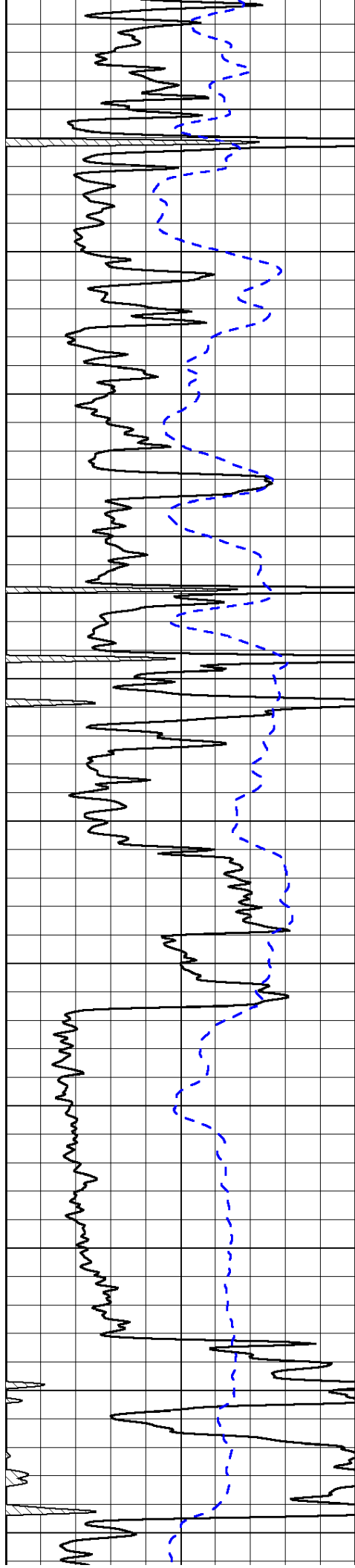


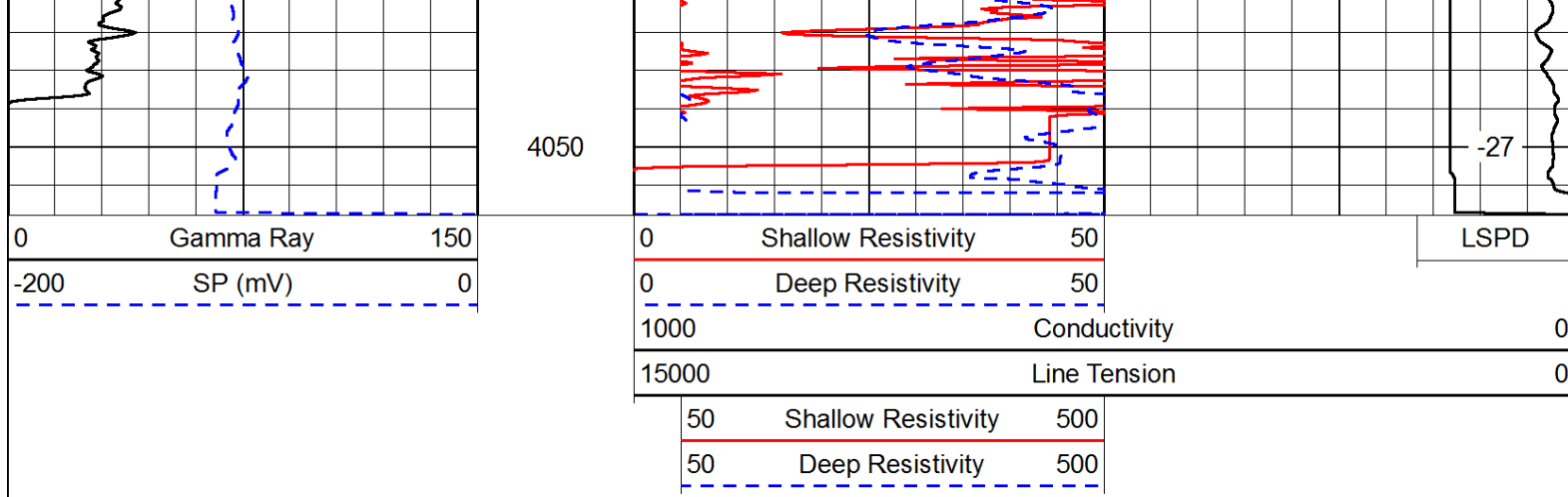




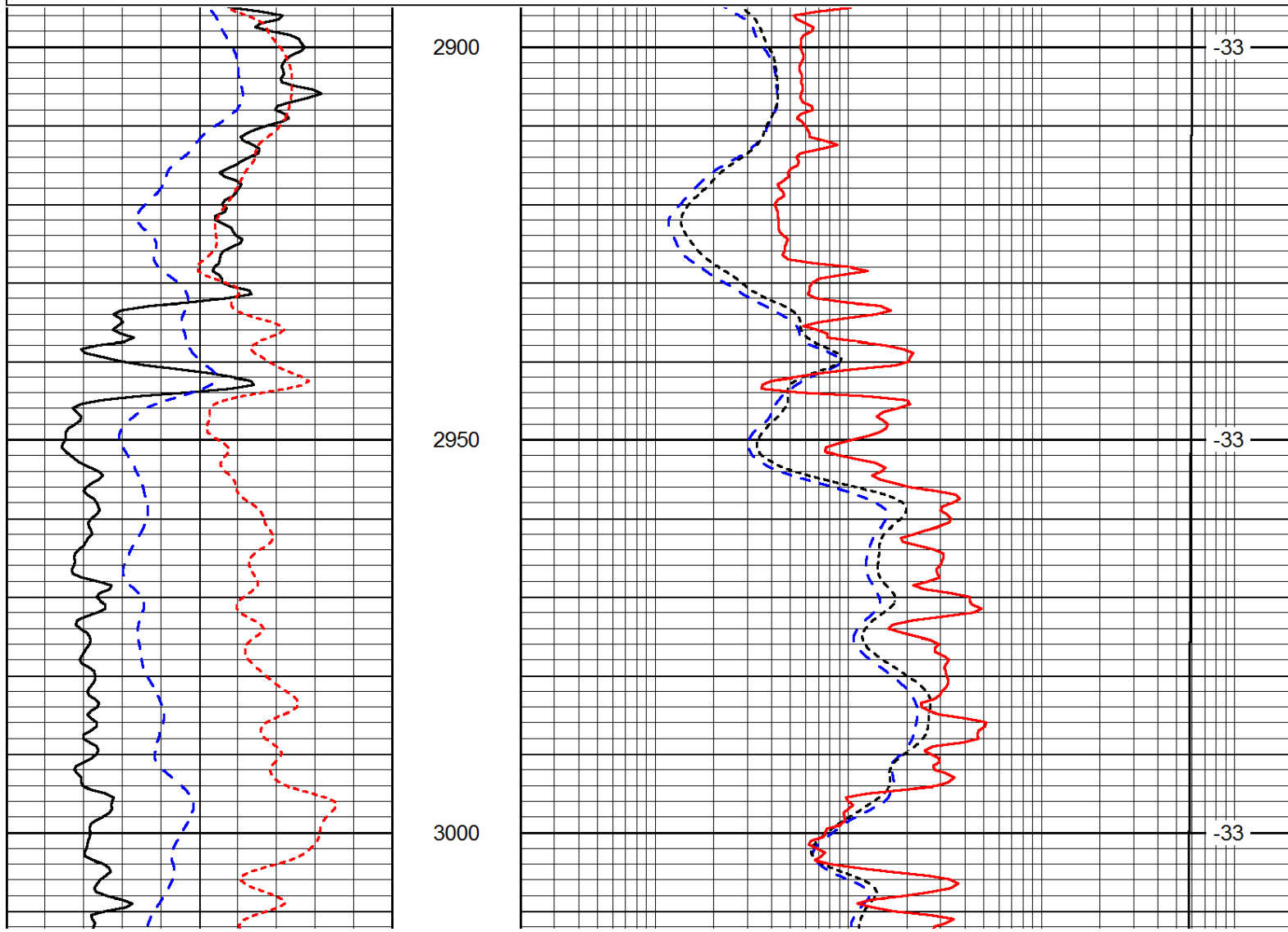
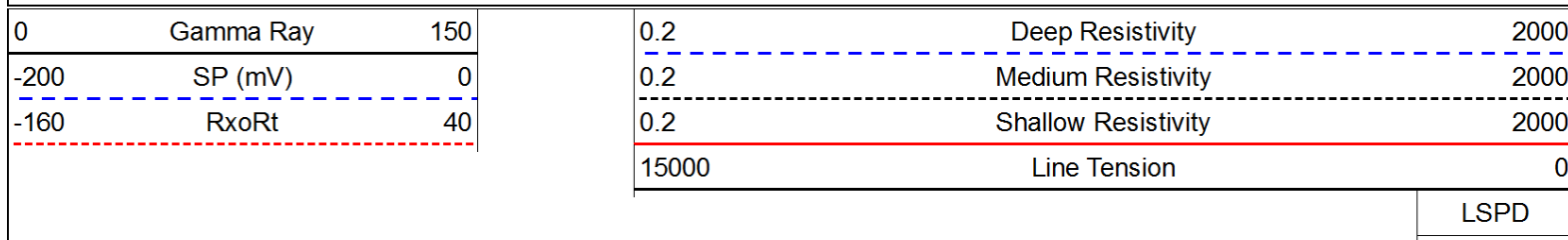


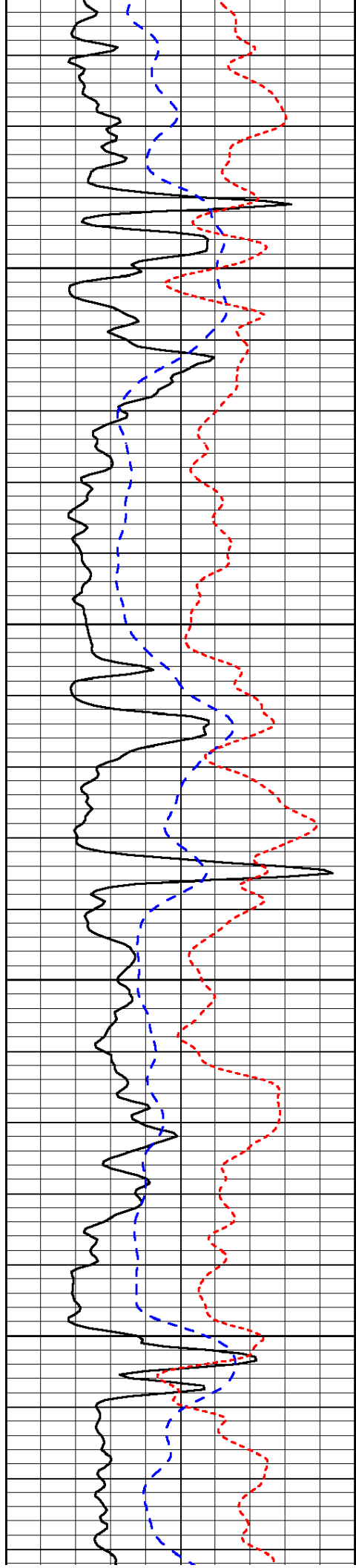






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 Presentation Format: dil
 Dataset Creation: Sun May 04 22:21:19 2014
 Charted by: Depth in Feet scaled 1:240



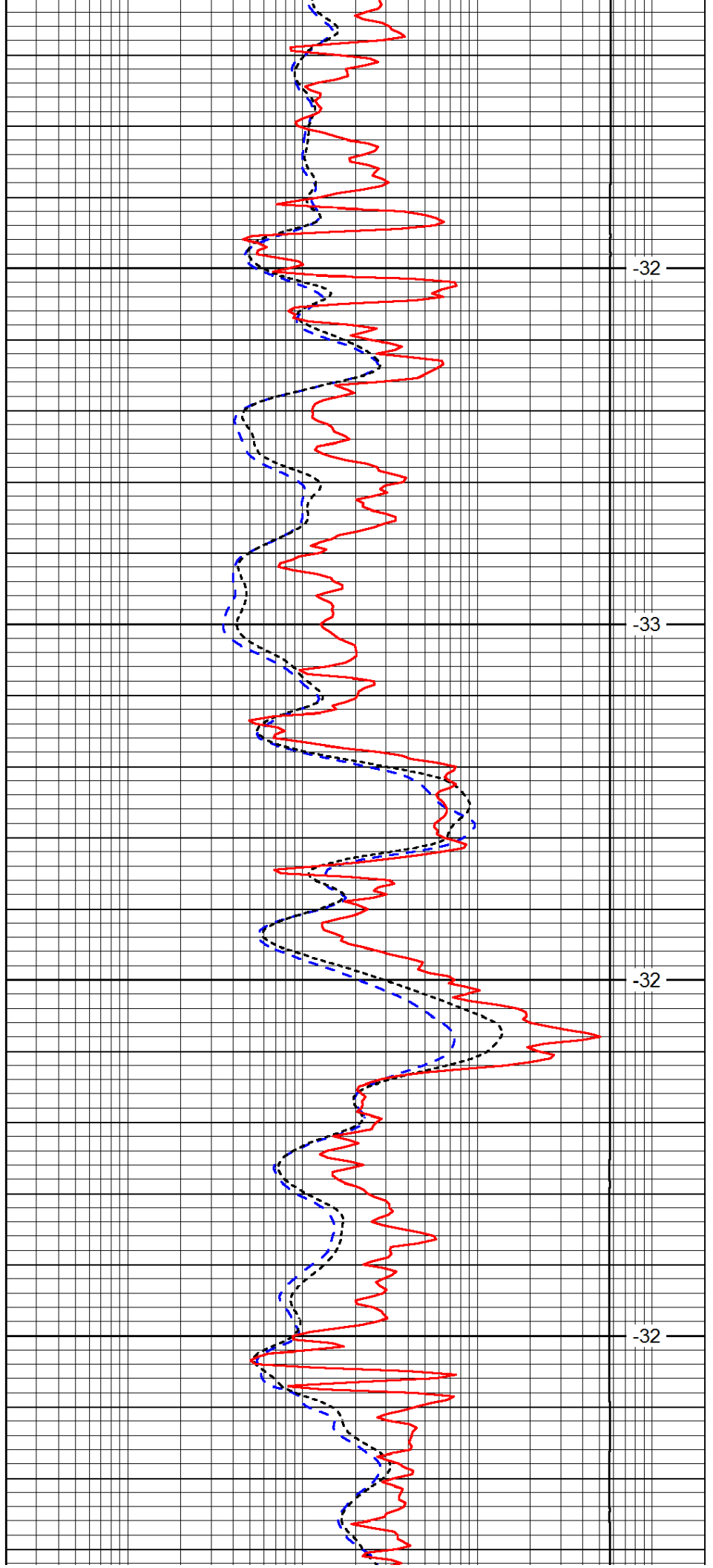


3050

3100

3150

3200

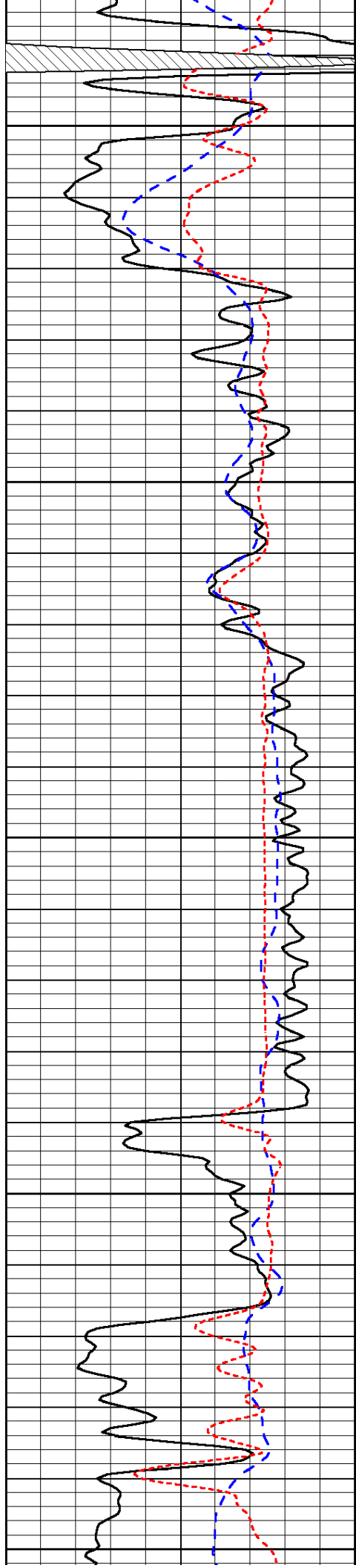


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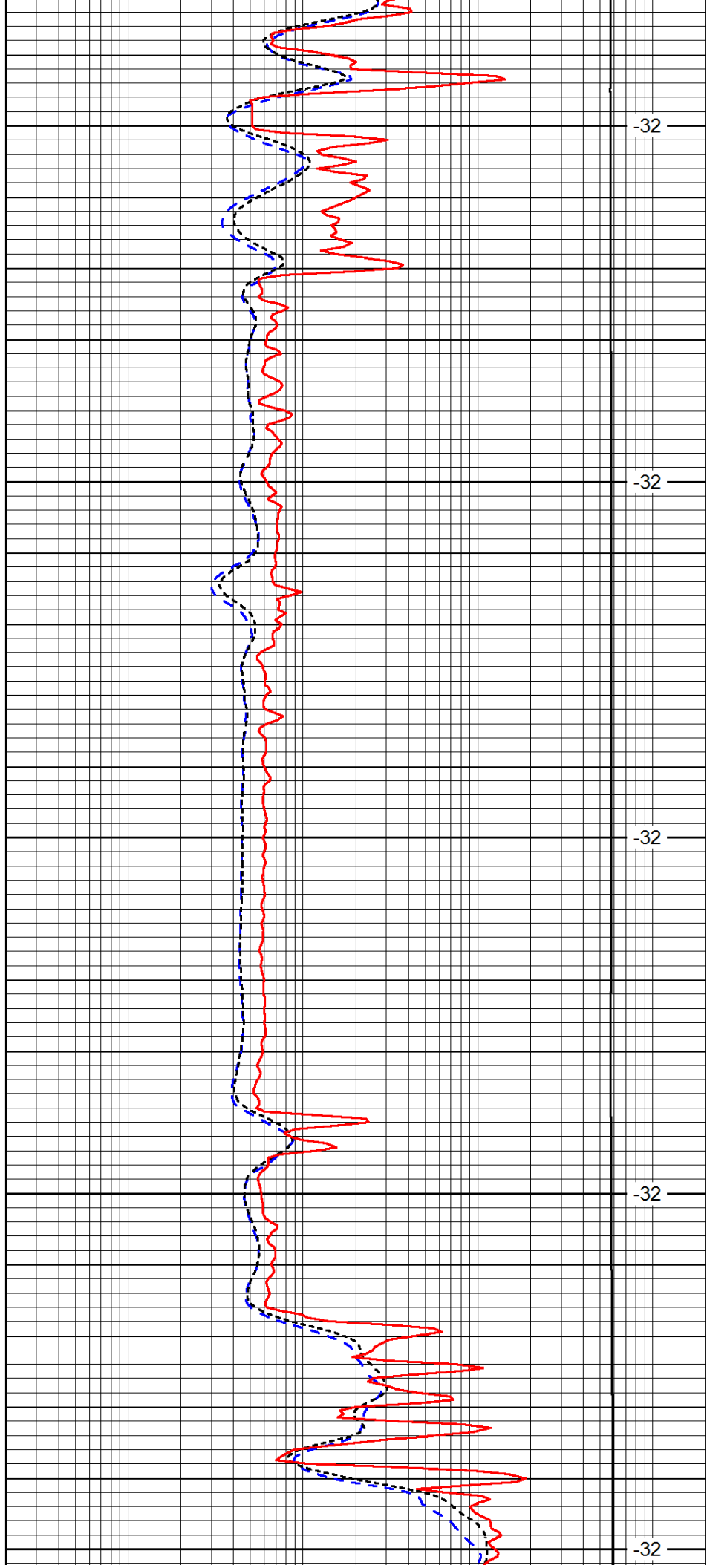
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3350

3400

3450



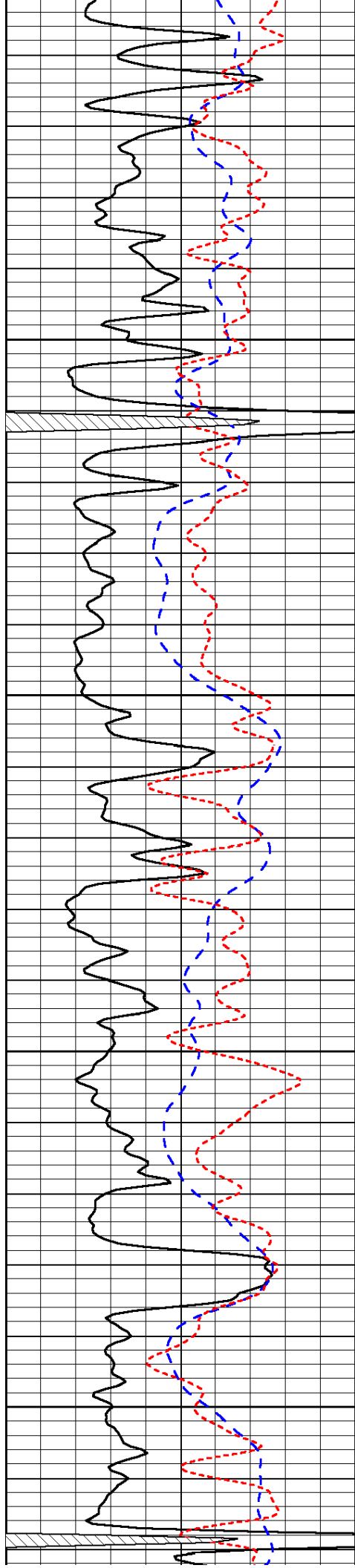
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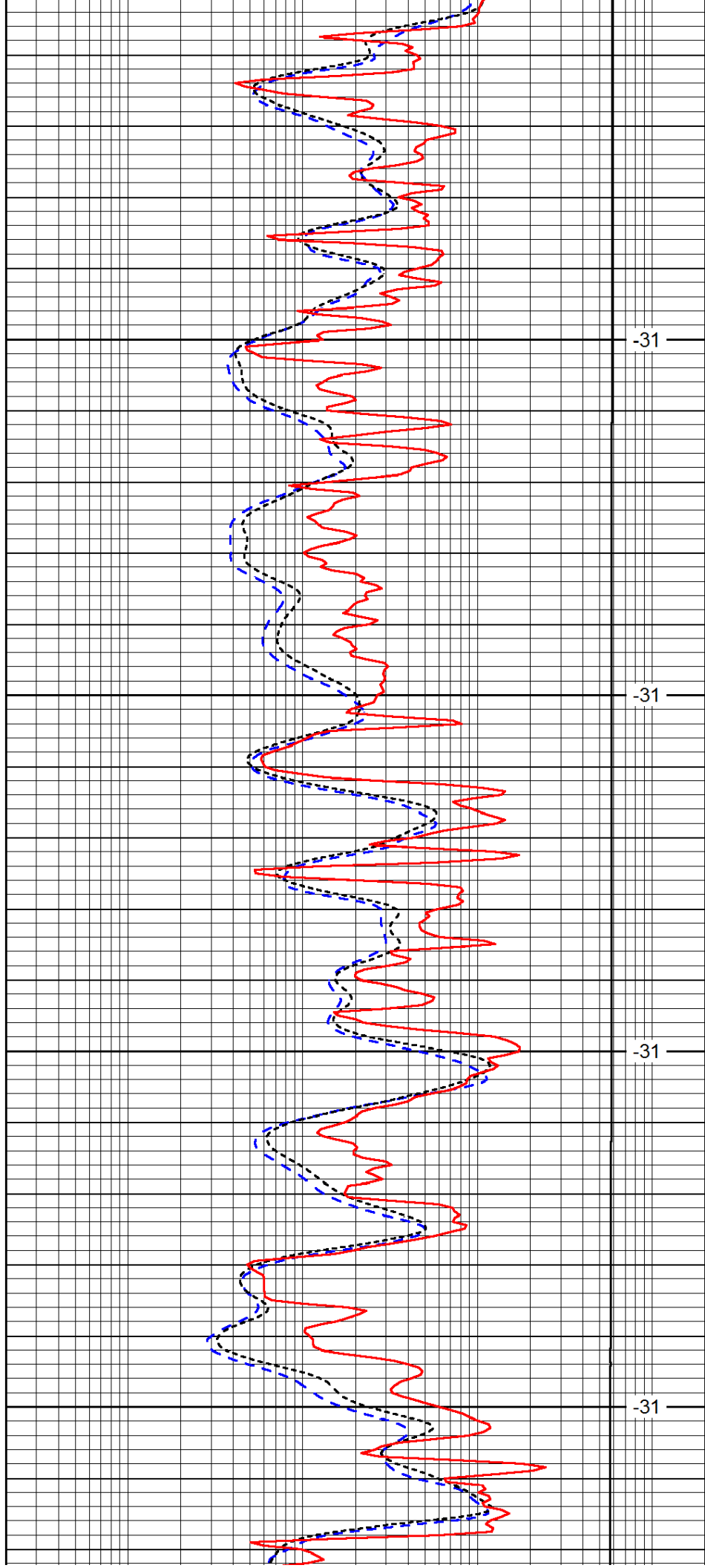


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3600

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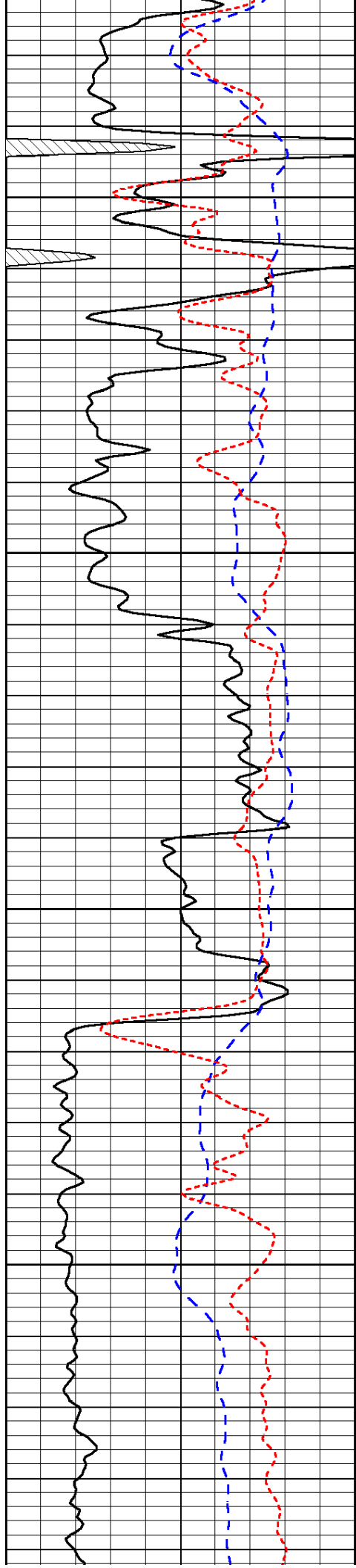


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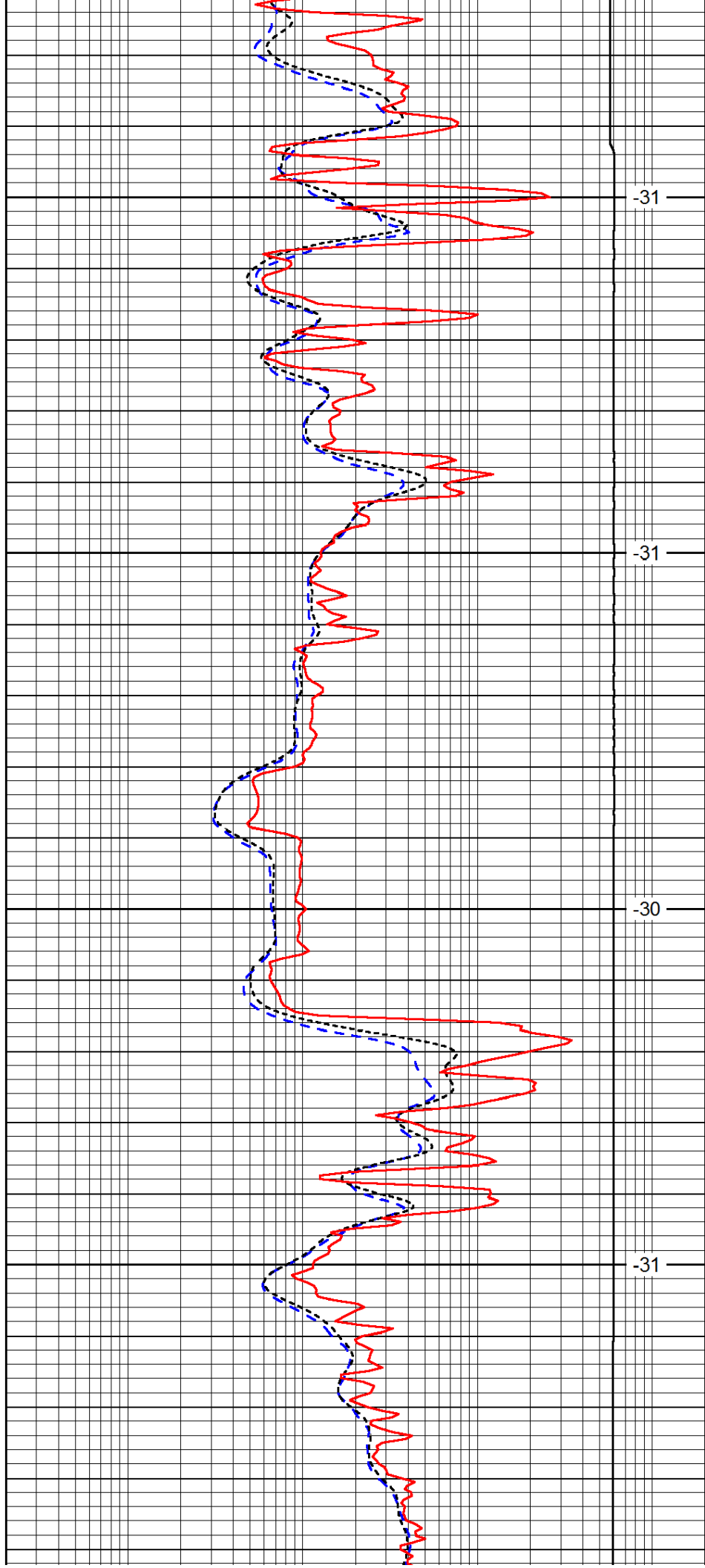


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3750

3800

3850

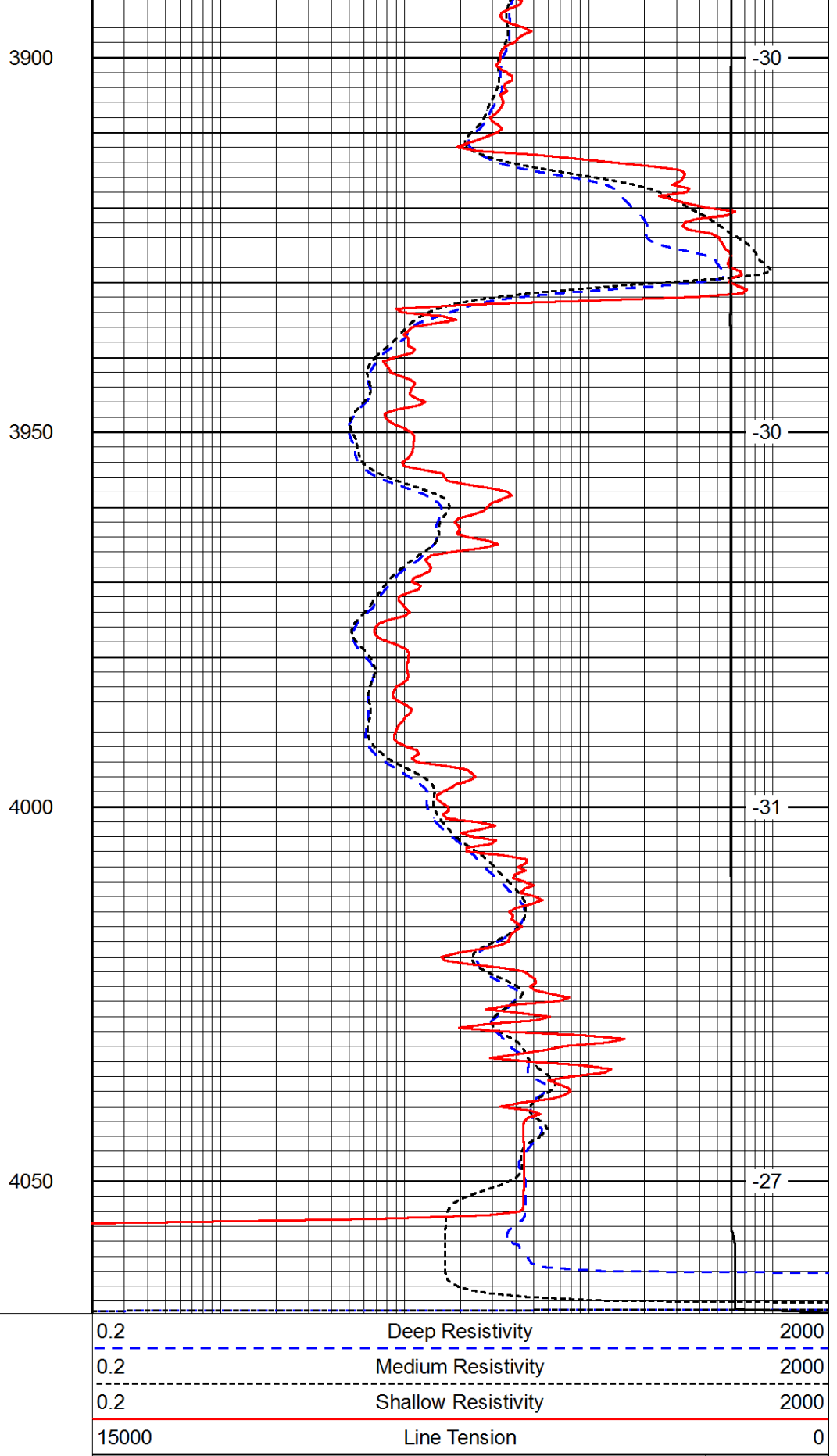
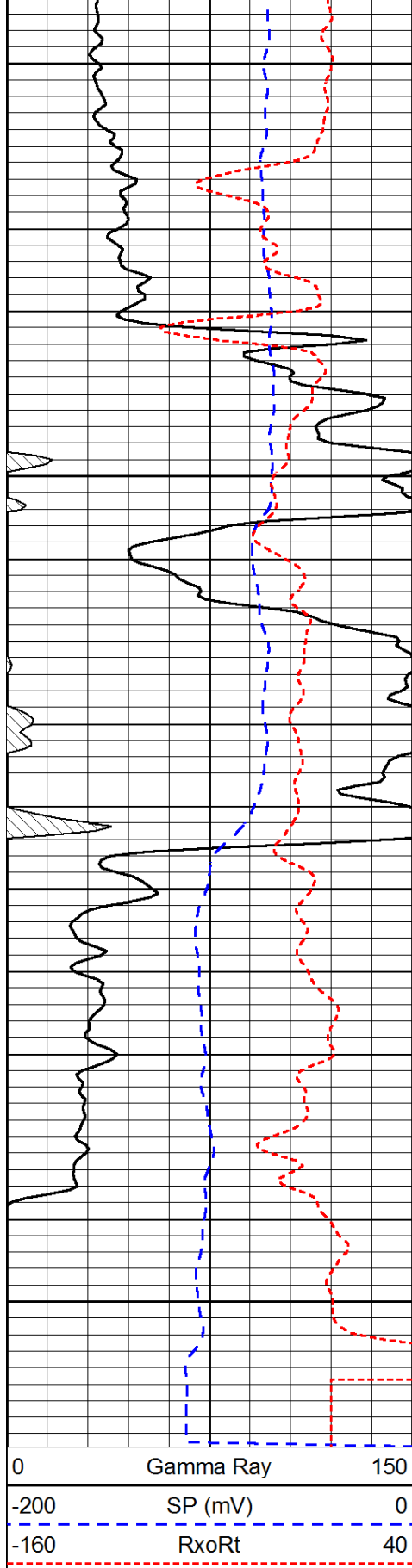


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LSPD