



Dual Induction Log

Pioneer Energy Services

API No.	Company Gore Oil Company		
	Well Lynd "B" #2		
	Field Zeman North		
	County Trego	State	Kansas
	Location SW SE NE SW 1190' FNL / 2140' FWL	Other Services CNL / CDL MEL	
	Sec: 28	Twp: 11S	Rge: 21W
Permanent Datum	Ground Level	Elevation 2284	Elevation K.B. 2292 D.F. 2284 G.L. 2284
Log Measured From	Kelly Bushing	8 Ft. Above Perm. Datum	
Drilling Measured From	From Kelly Bushing		
Date	7/26/2013		
Run Number	One		
Depth Driller	4040		
Depth Logger	4036		
Bottom Logged Interval	4035		
Top Log Interval	250		
Casing Driller	8.625 @ 262		
Casing Logger	264		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	3000		
Density / Viscosity	9.2 59		
pH / Fluid Loss	9.5 8.8		
Source of Sample	Flowline		
Rm @ Meas. Temp	1.50 @ 78		
Rmf @ Meas. Temp	1.13 @ 78		
Rmc @ Meas. Temp	2.03 @ 78		
Source of Rmf / Rmc	Charts		
Rm @ BHT	1.01 @ 116		
Operating Rig Time	4 Hours		
Max Rec. Temp. F	116		
Equipment Number	15		
Location	Hays		
Recorded By	R. Barnhart		
Witnessed By	Pat Balthazor		

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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.

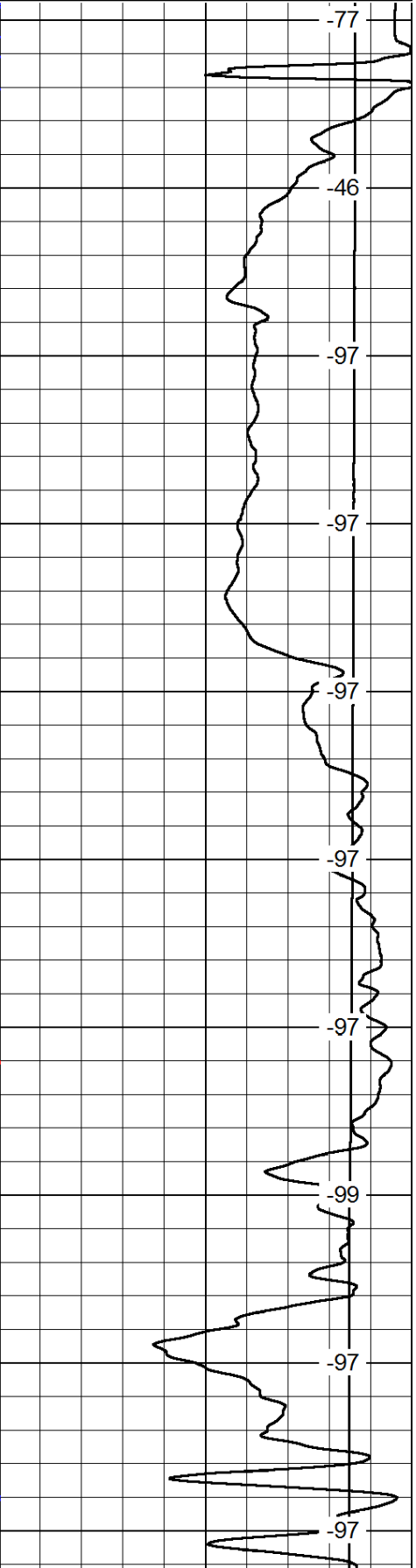
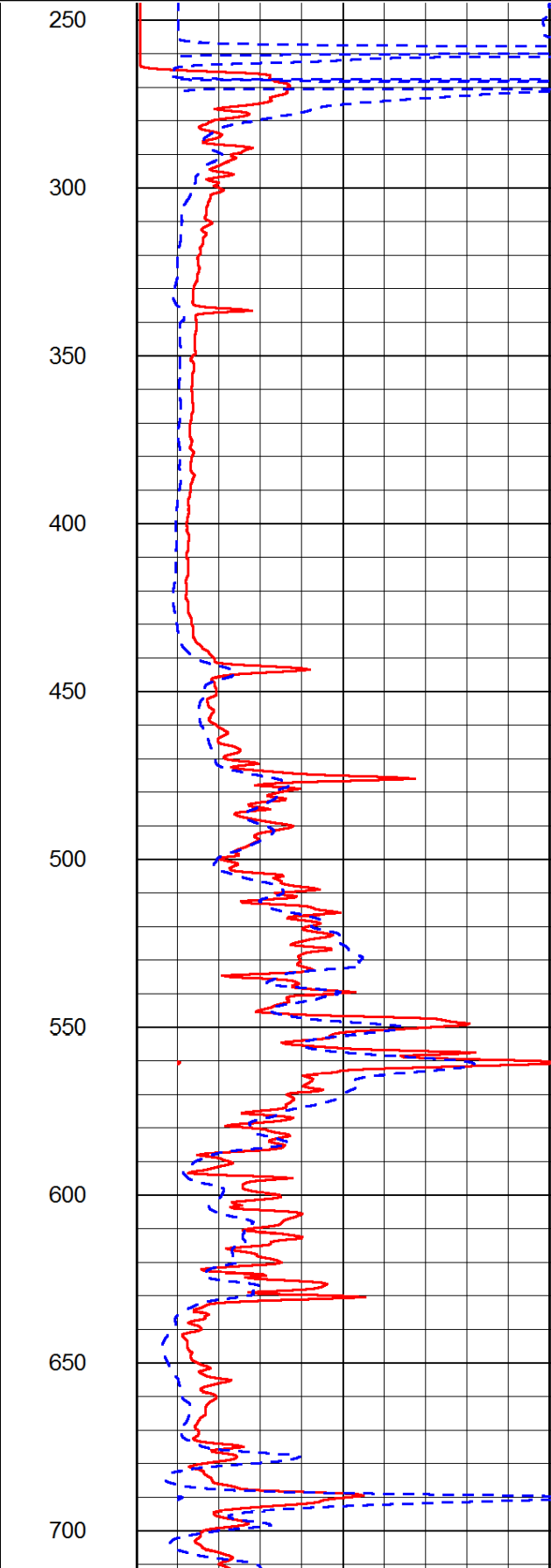
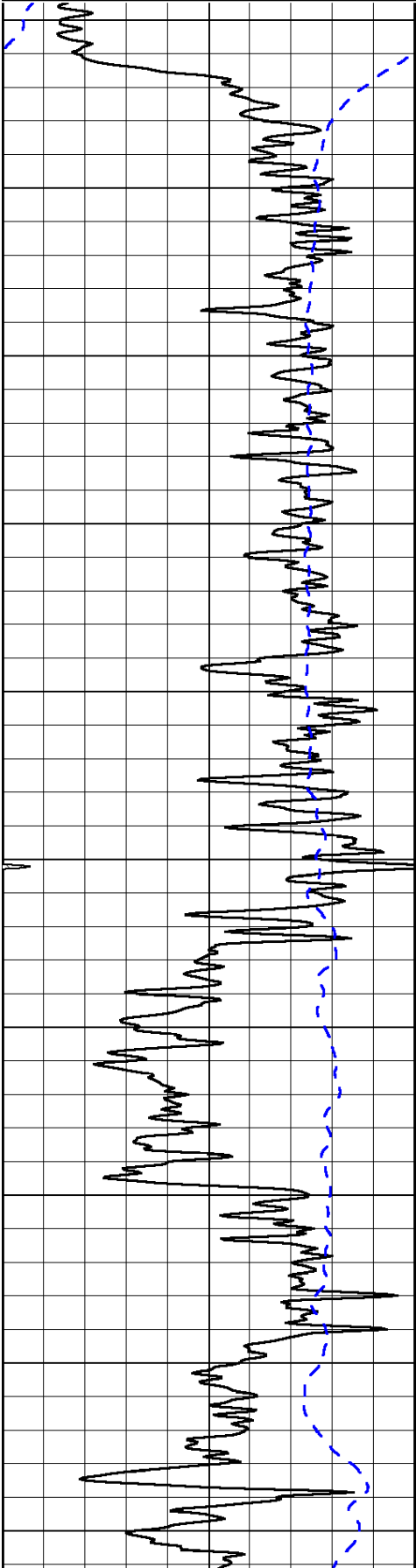
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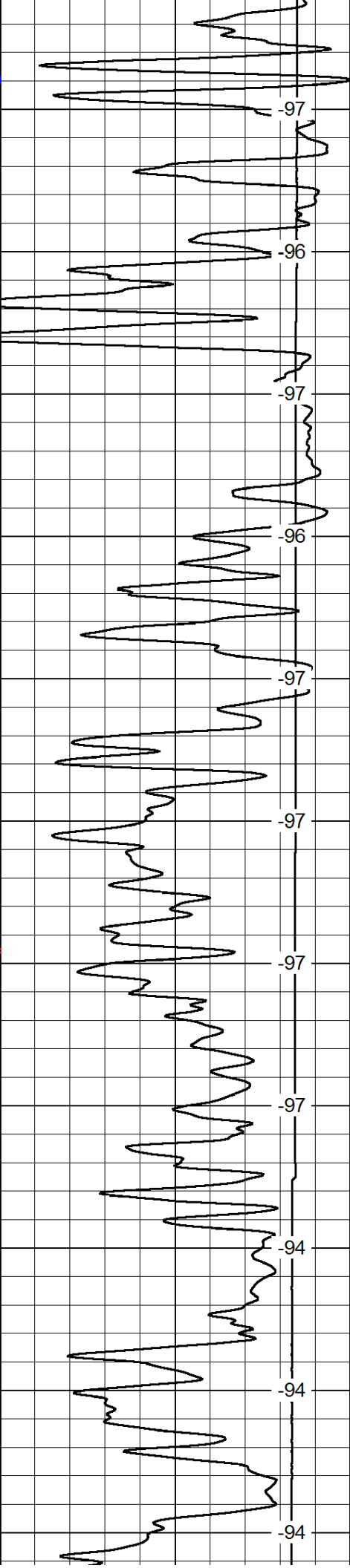
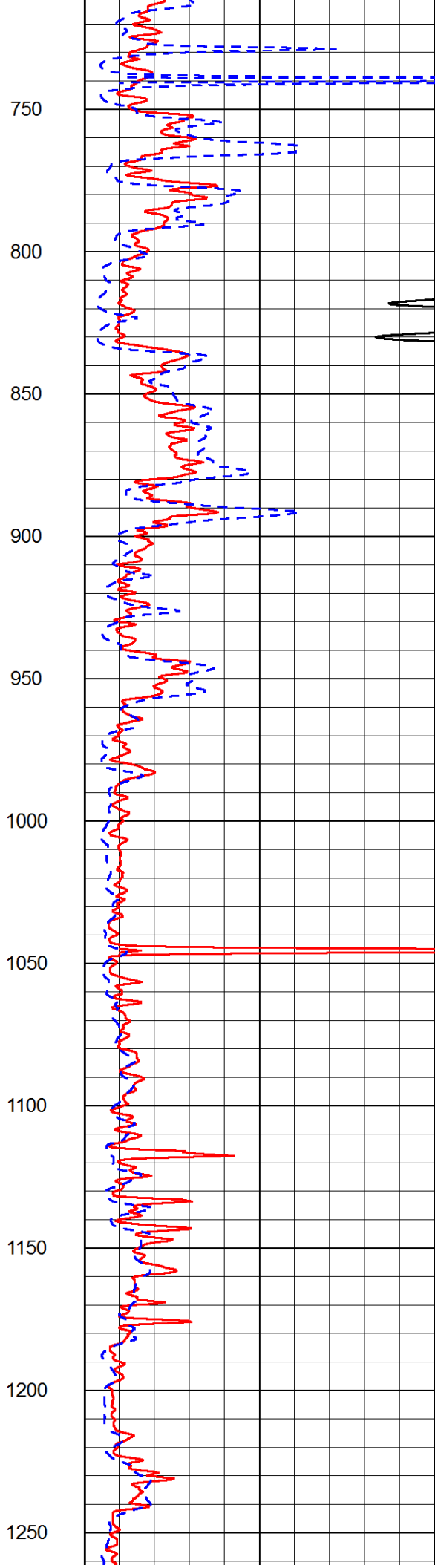
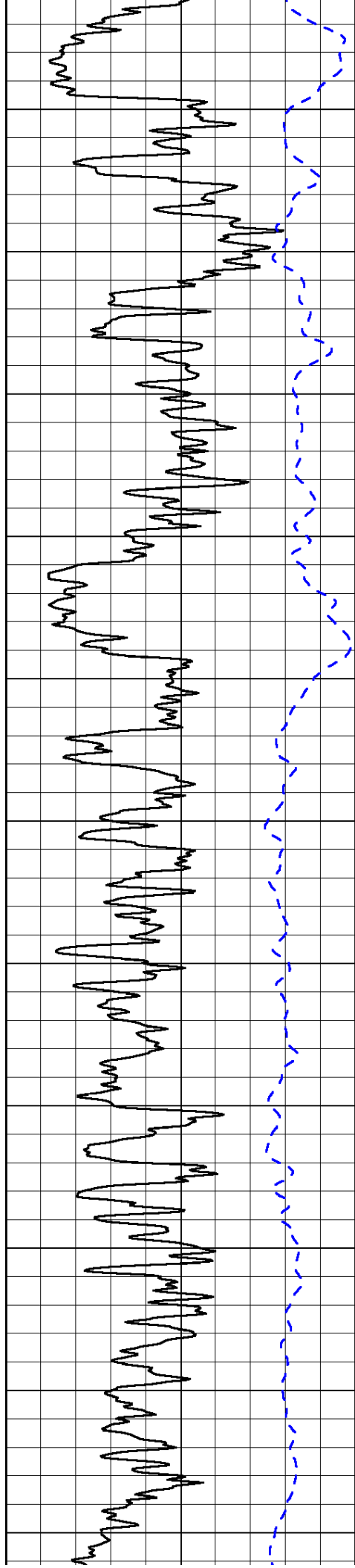
Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858

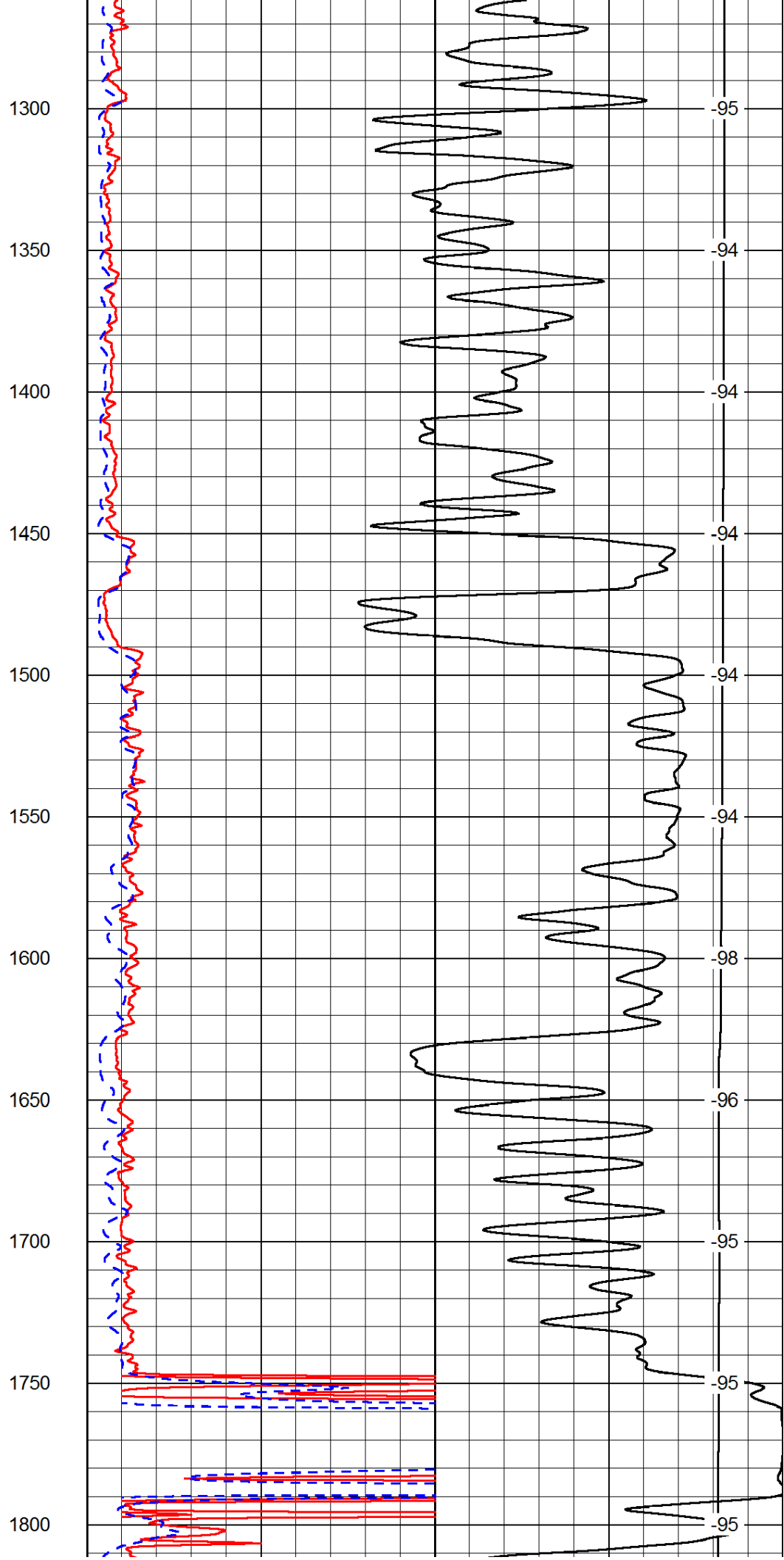
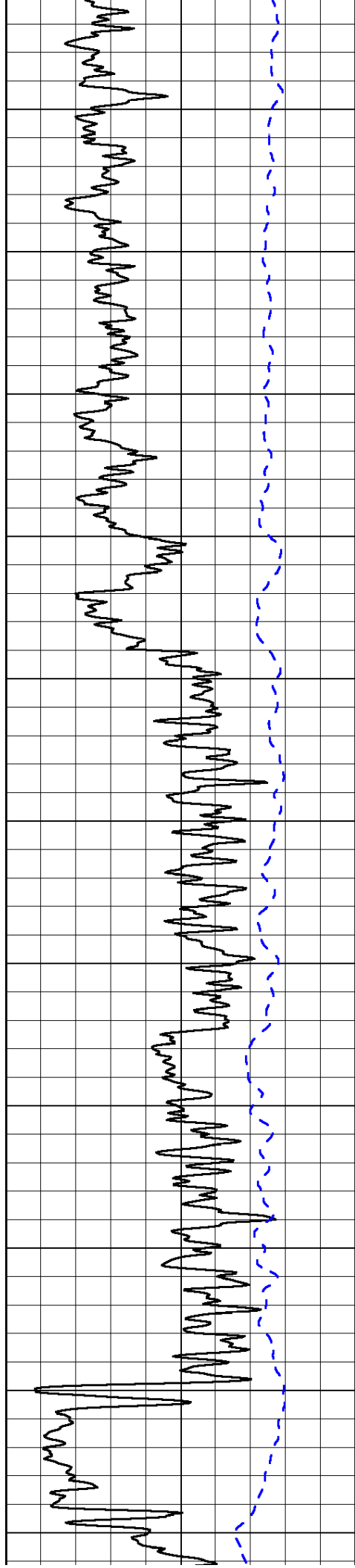
I-70 Riga Exit:
7N, W into

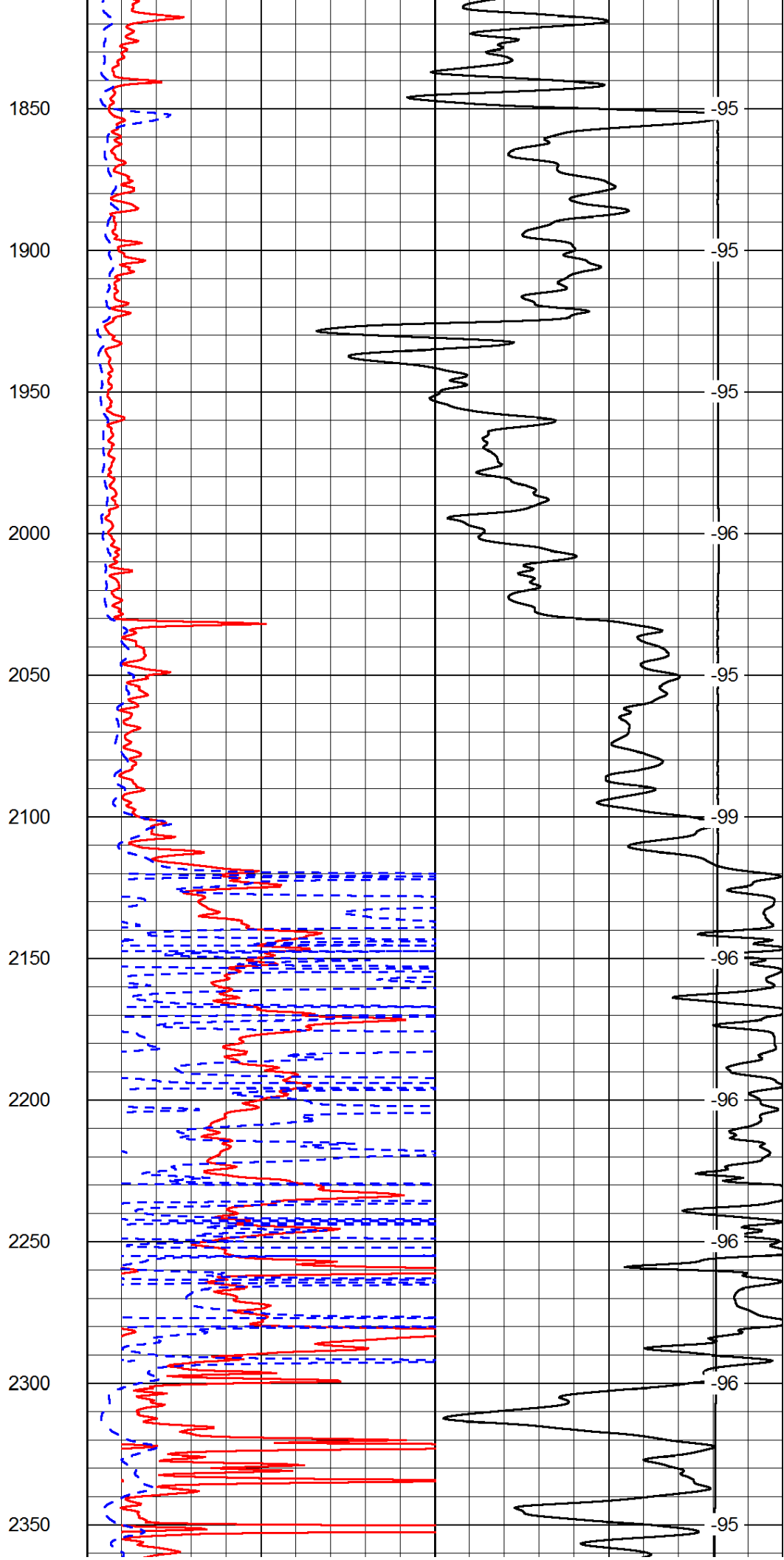
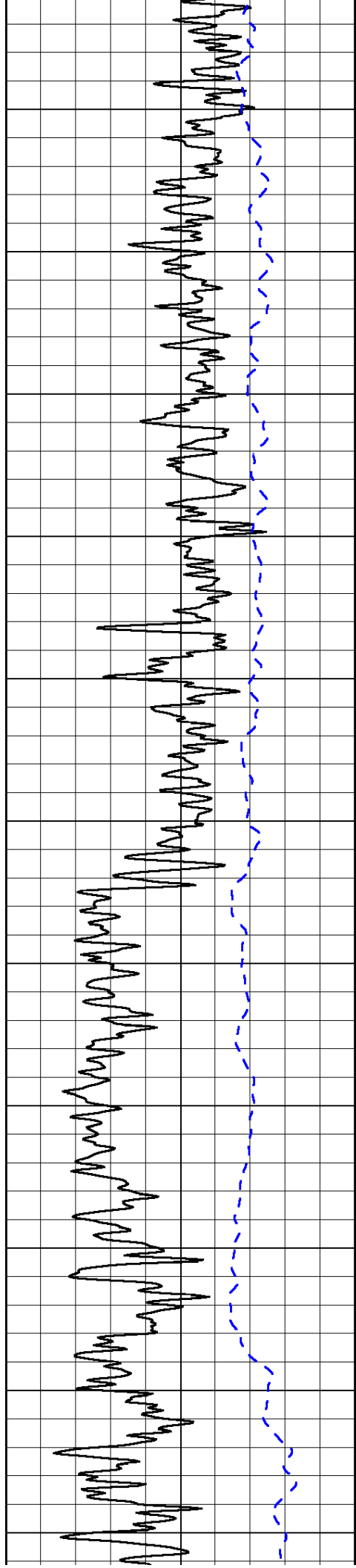
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Charted by: Depth in Feet scaled 1:600

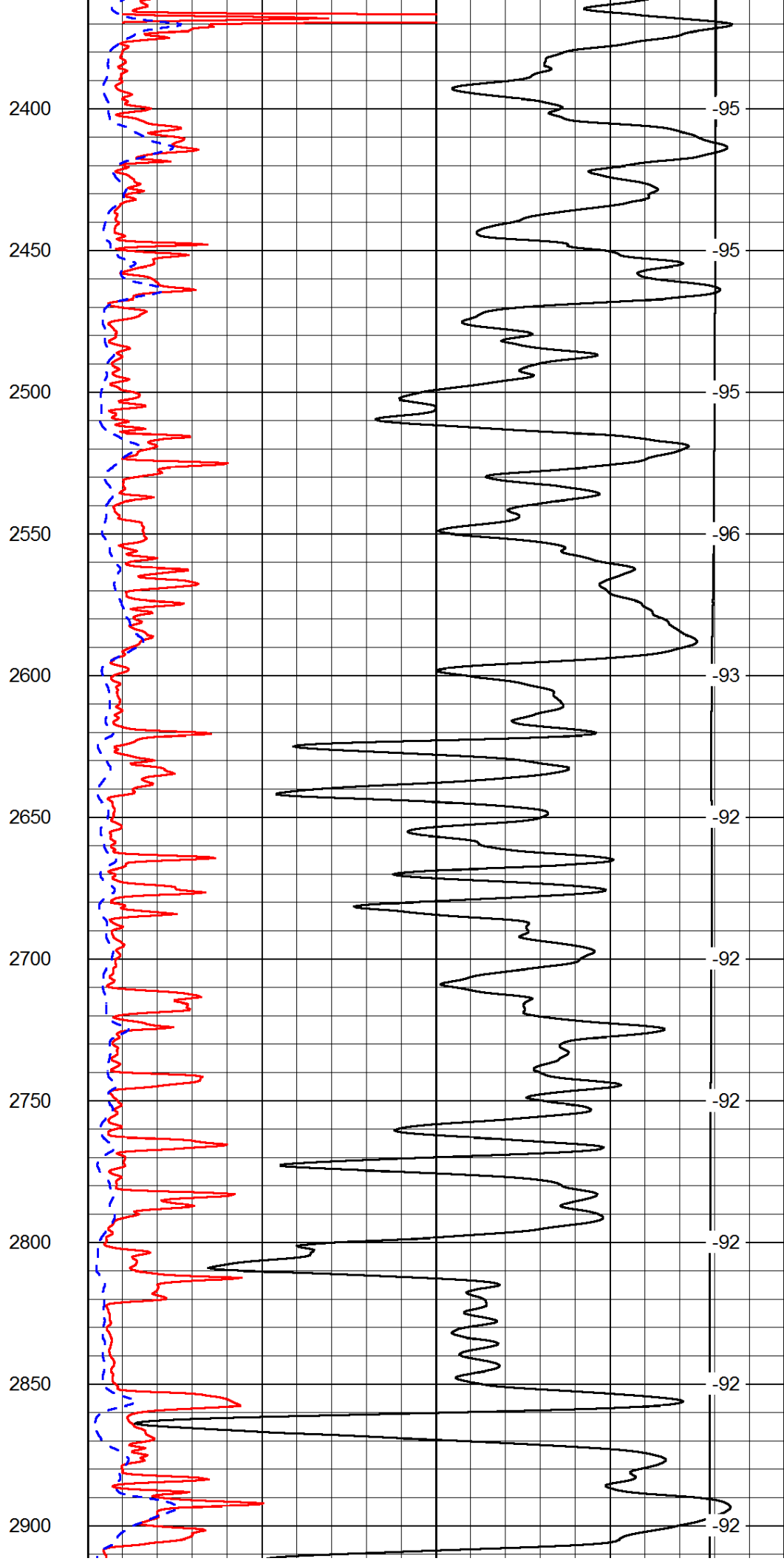
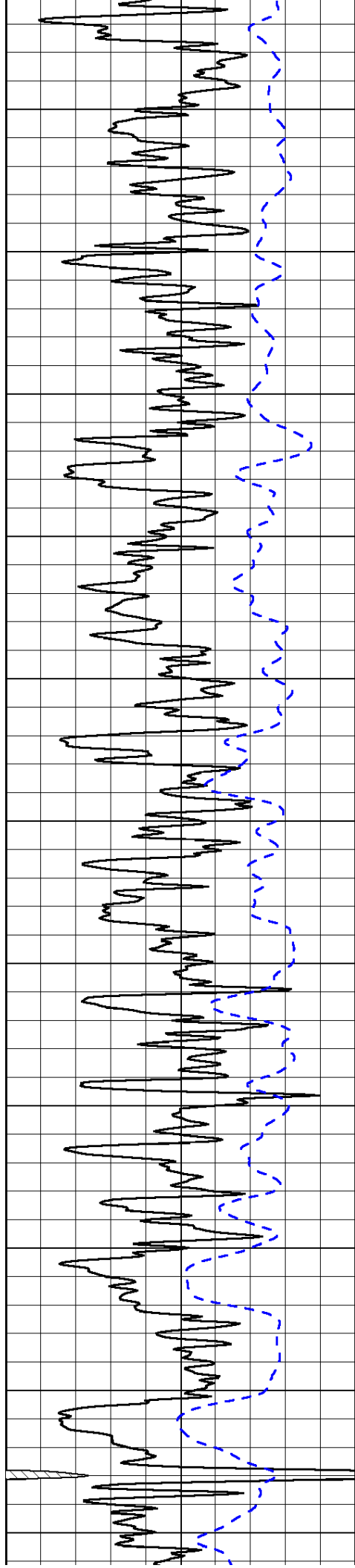
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0	Gamma Ray	150	0	Shallow Resistivity	50	LSPD		
-200	SP (mV)	0	0	Deep Resistivity	50			
			1000	Conductivity		0		
			15000	Line Tension		0		
			50	Shallow Resistivity	500			
			50	Deep Resistivity	500			

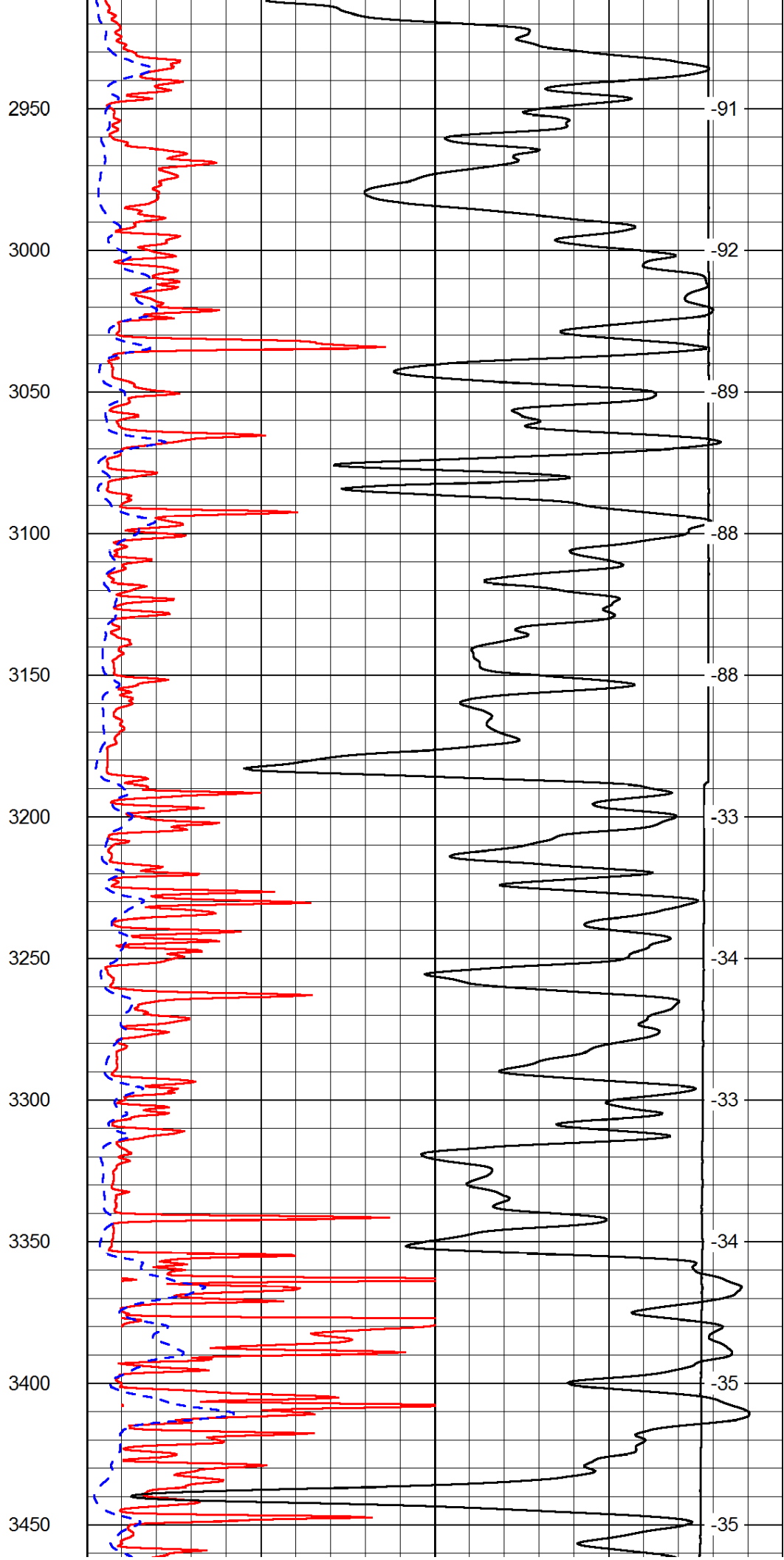
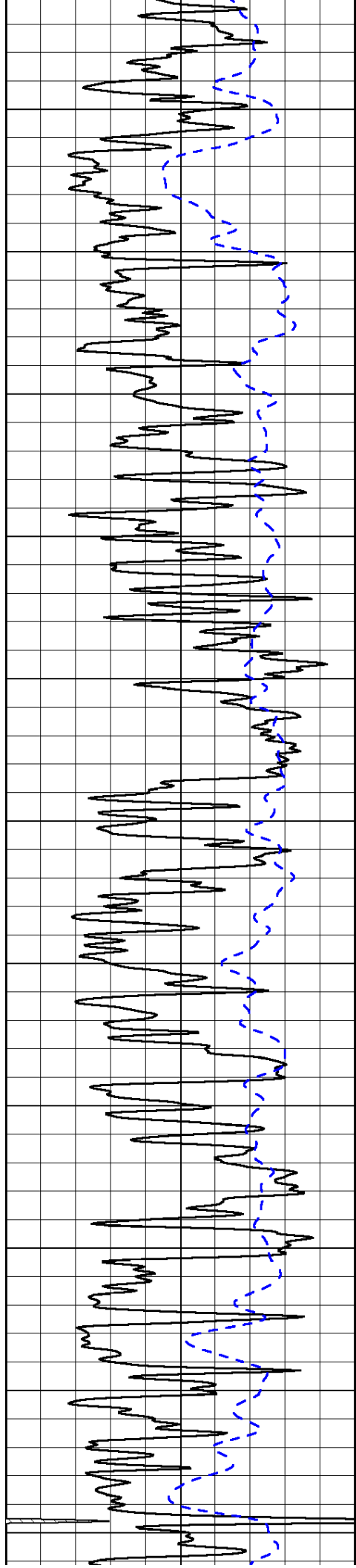


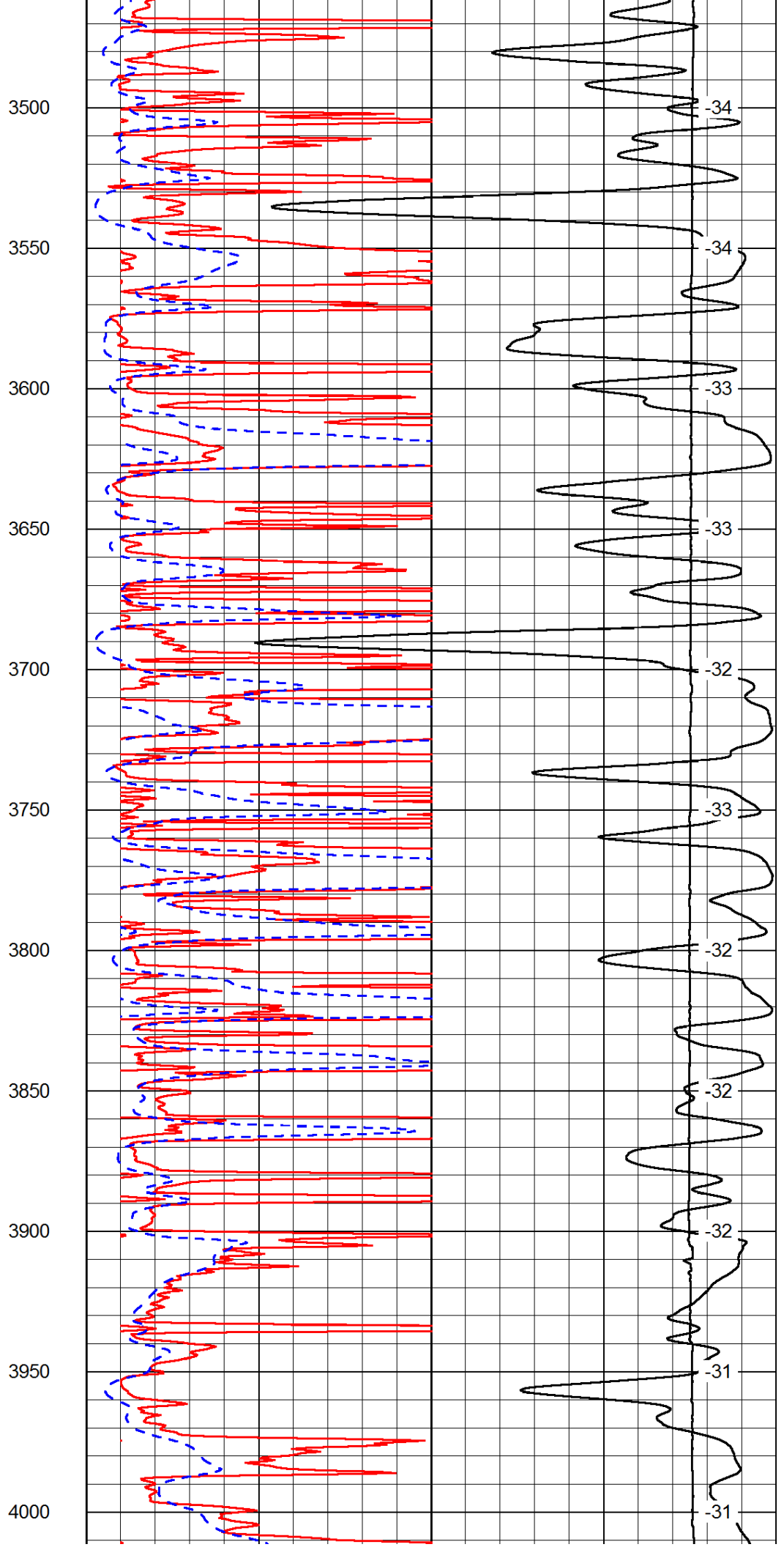
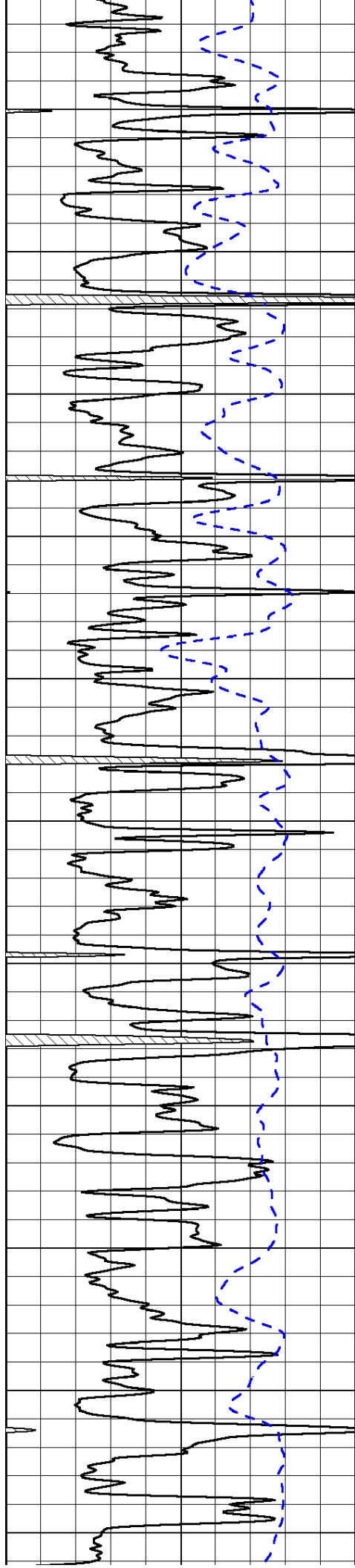


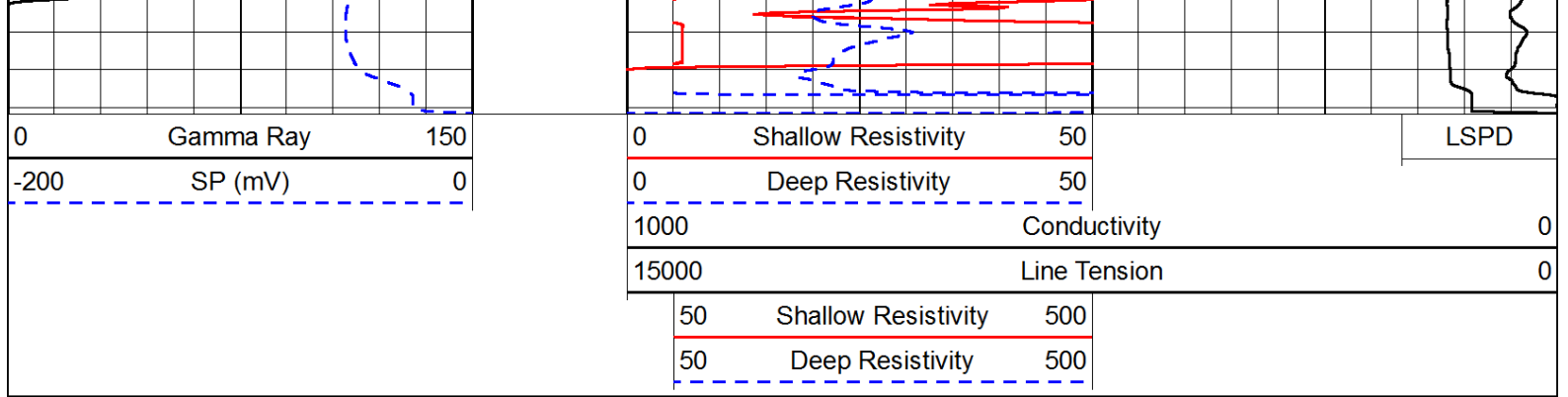




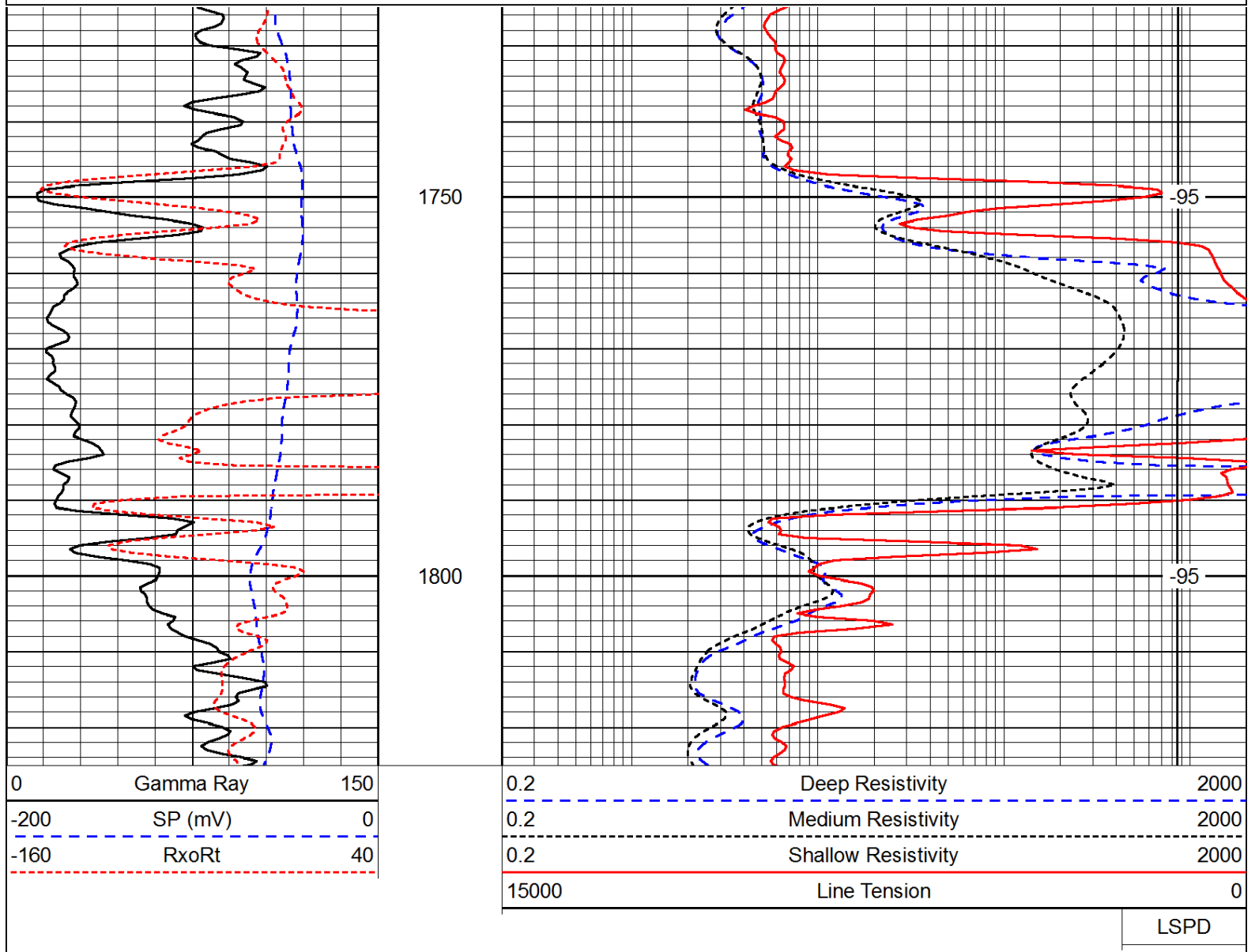
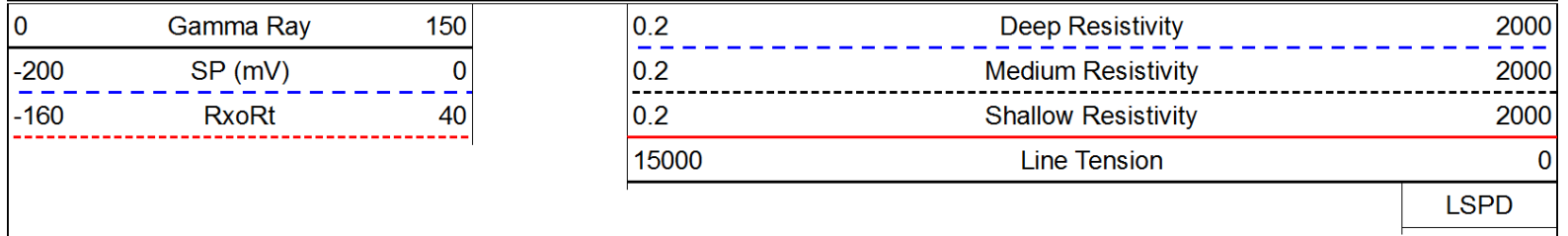








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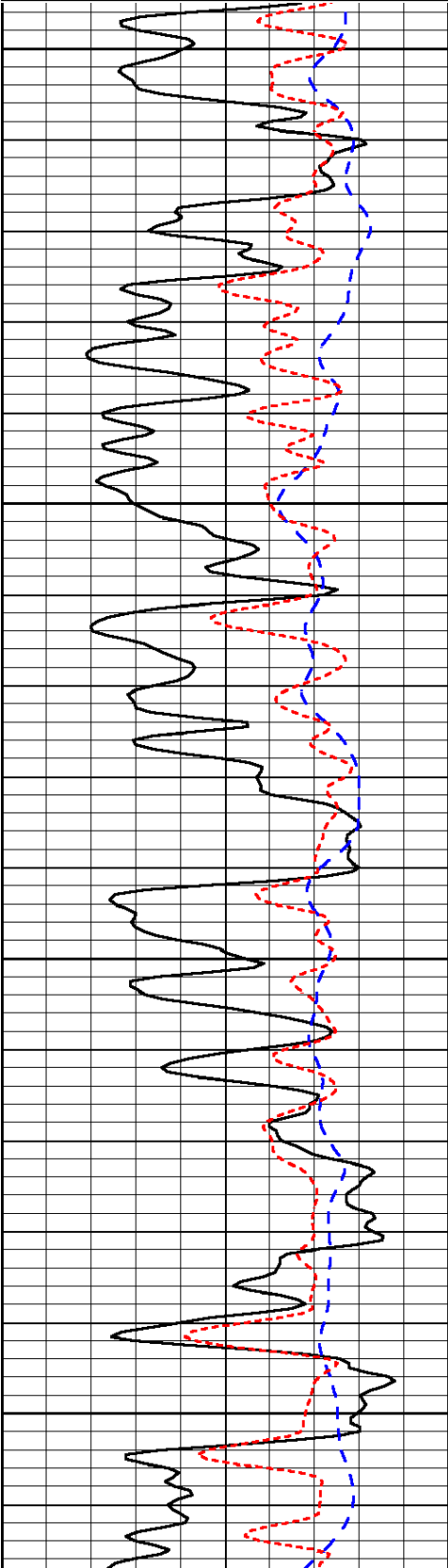


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Dataset Pathname: dil/gormain
Presentation Format: dil
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Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150
-200	SP (mV)	0
-160	RxoRt	40

0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
15000	Line Tension	0

LSPD

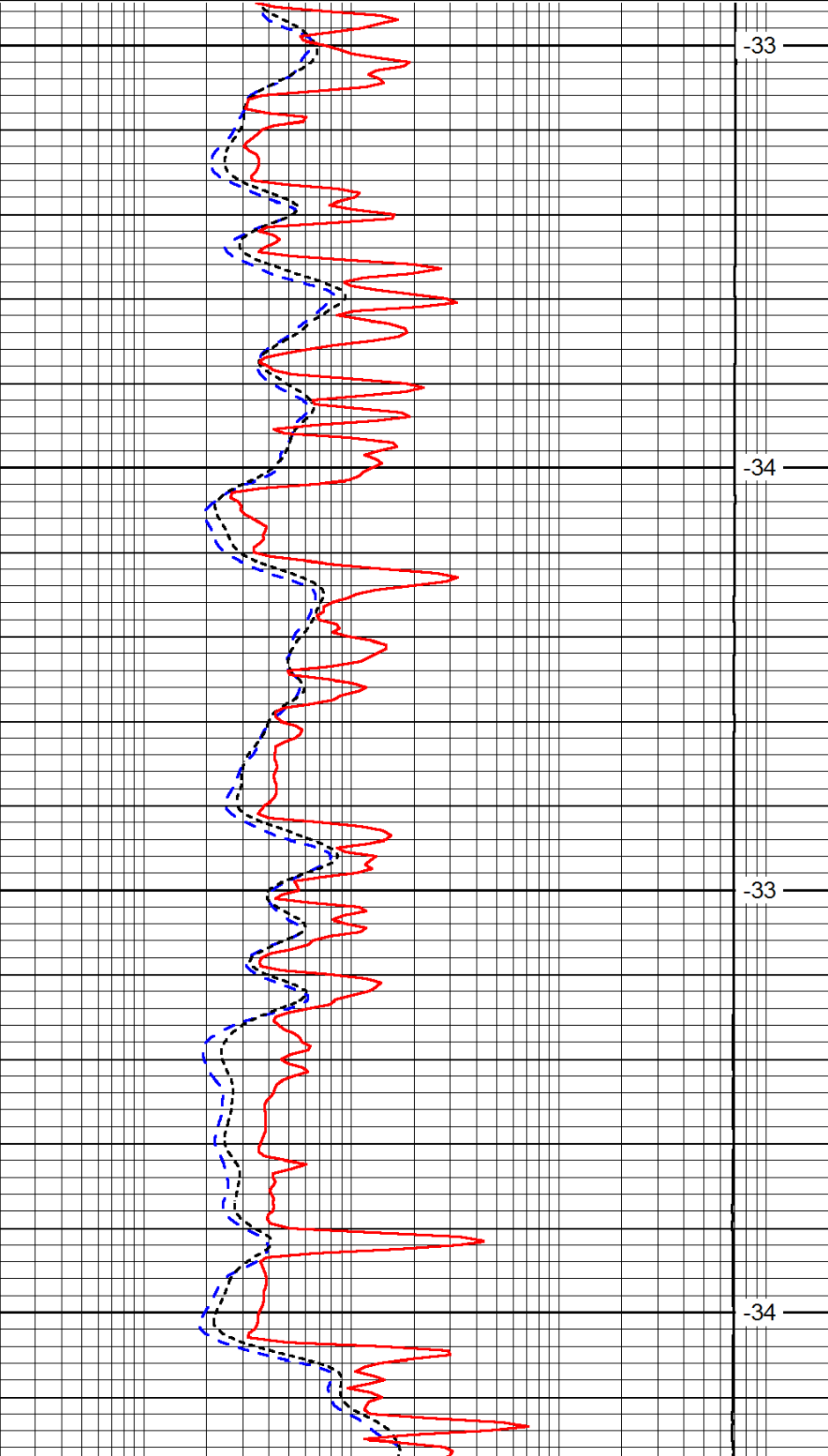


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3300

3350

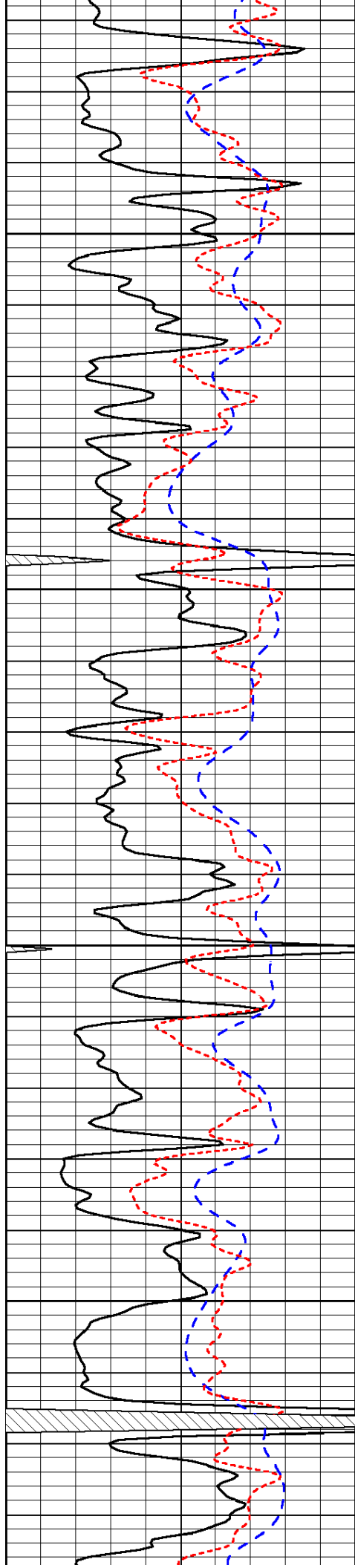


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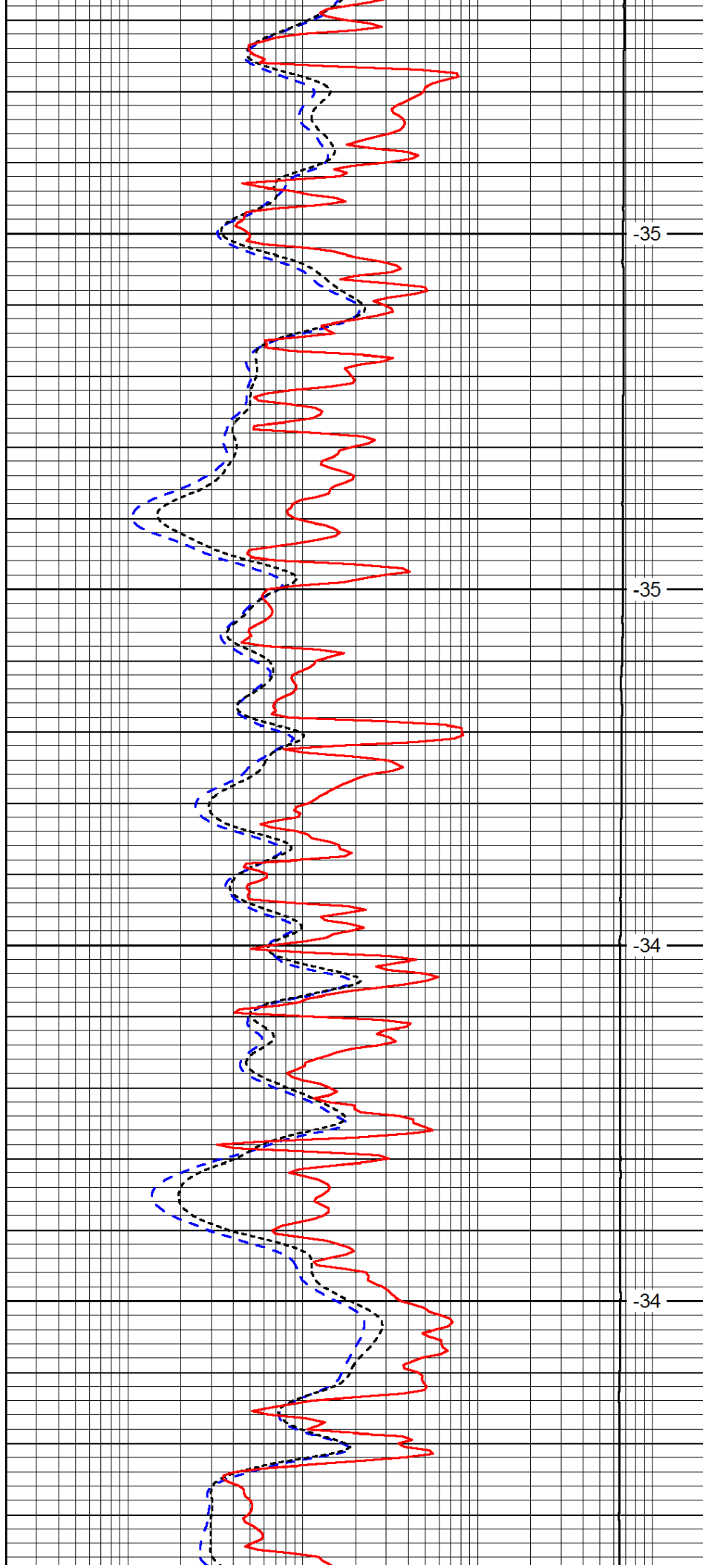


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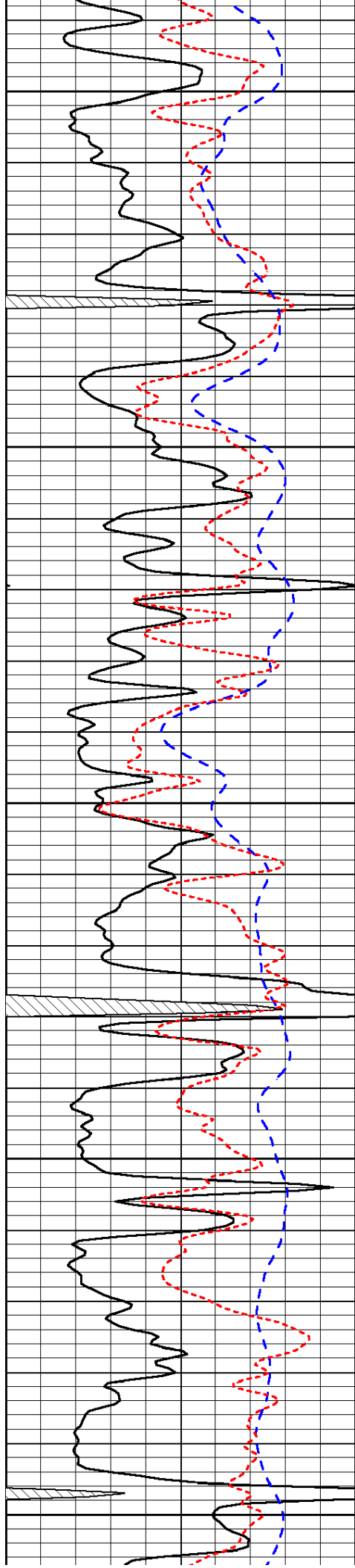


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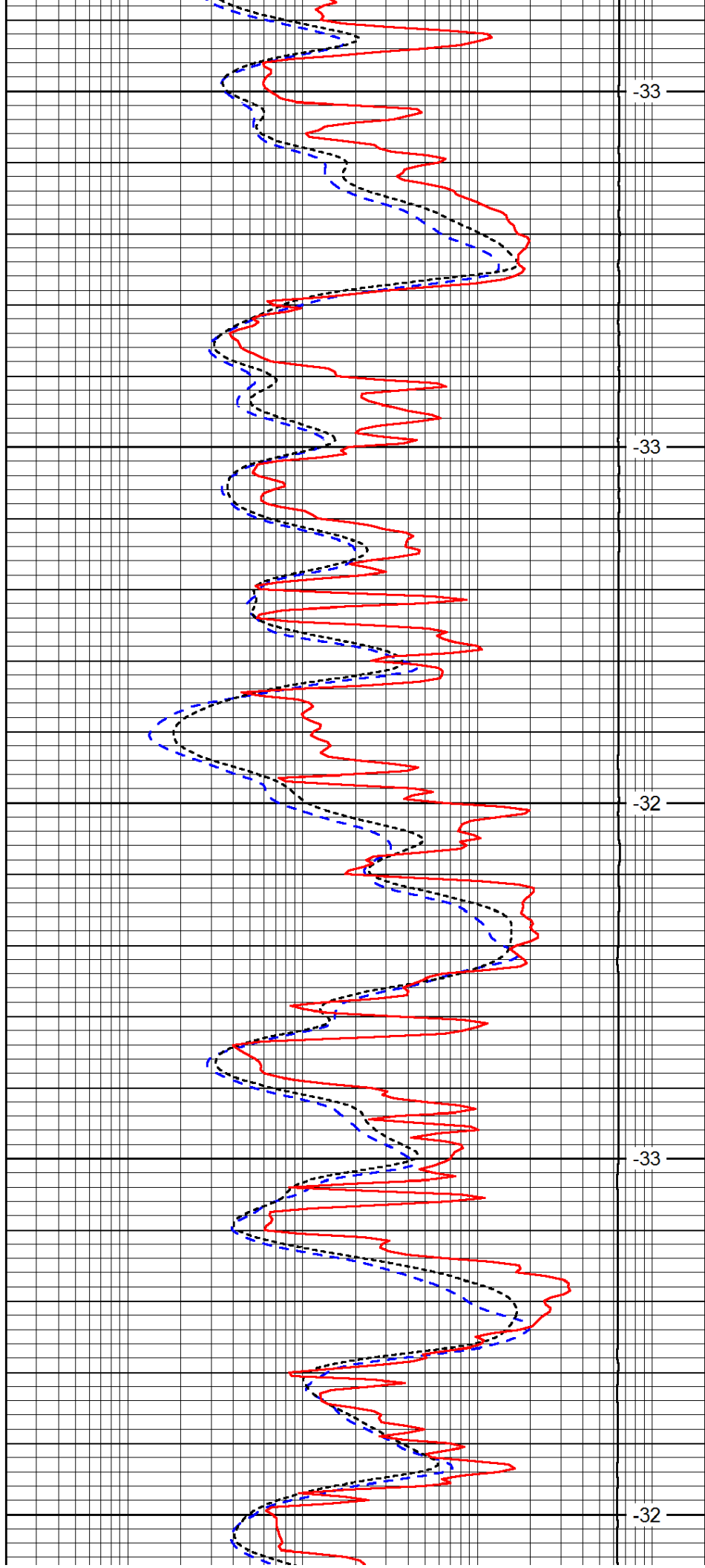
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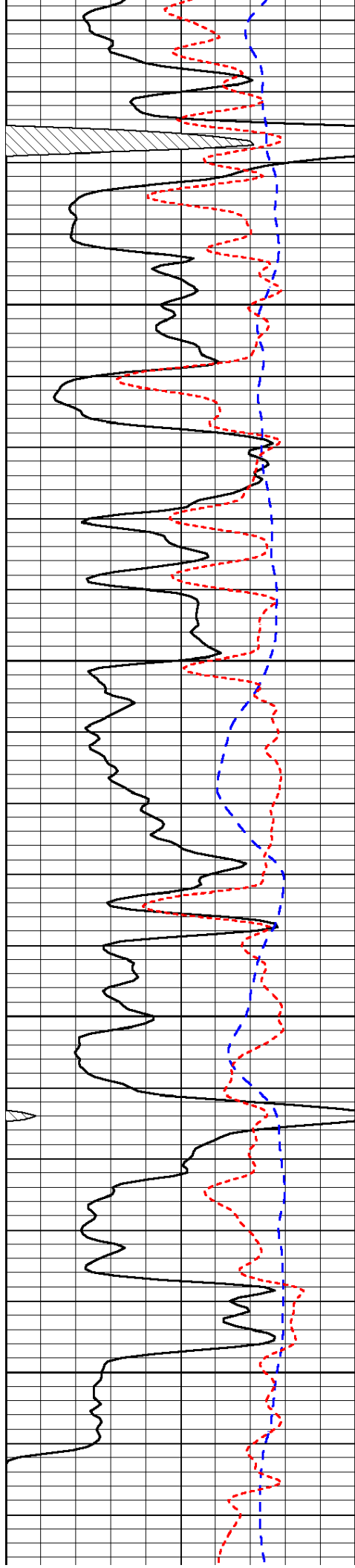
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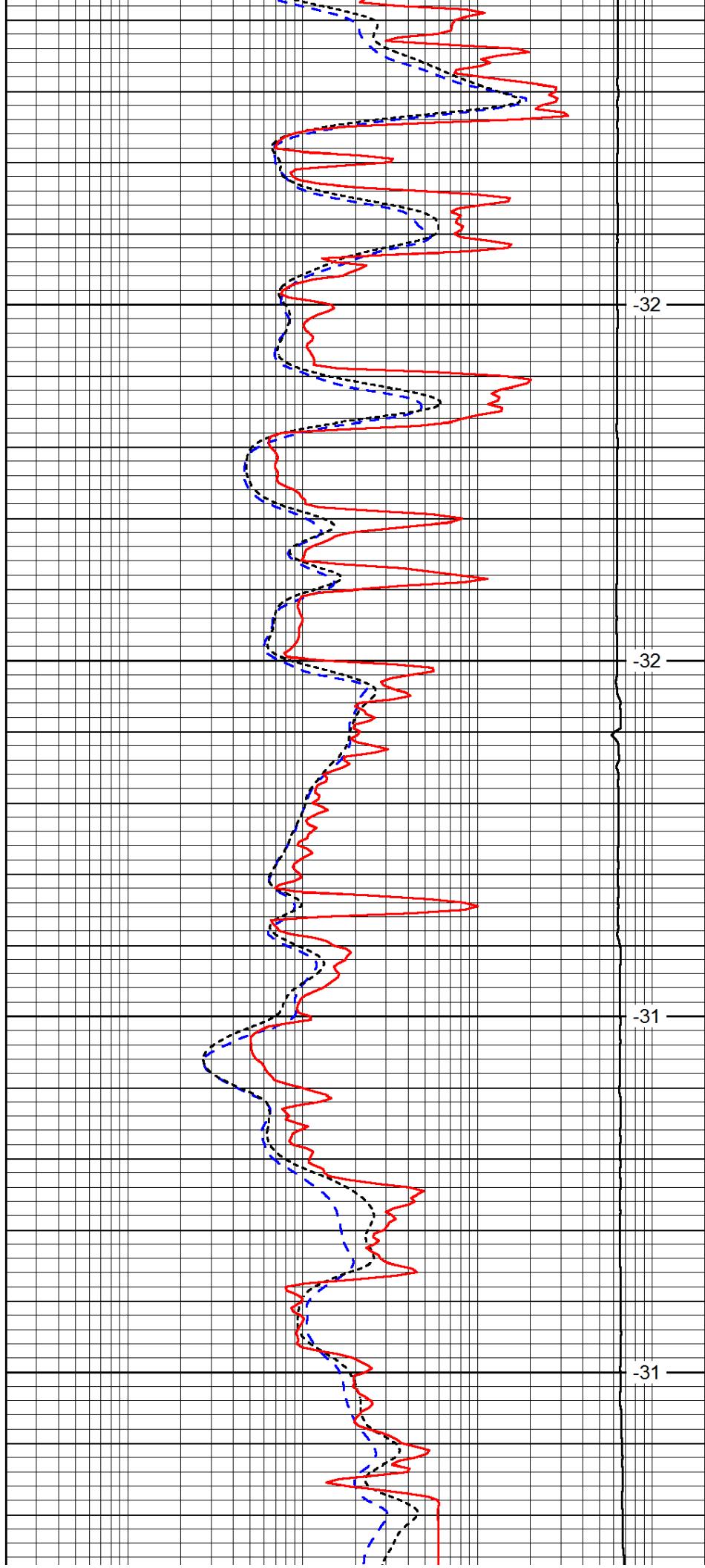


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3900

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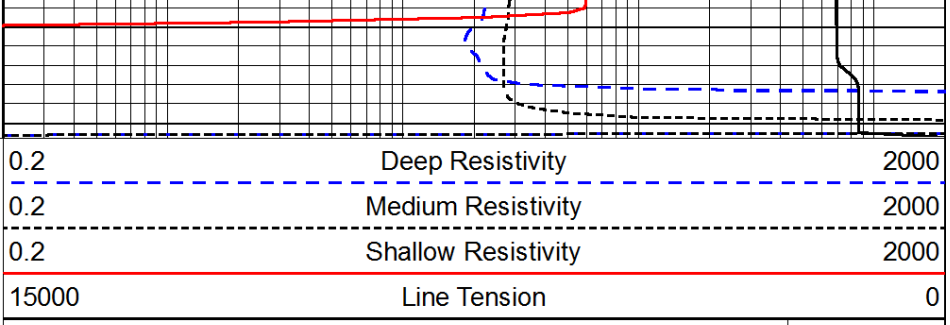
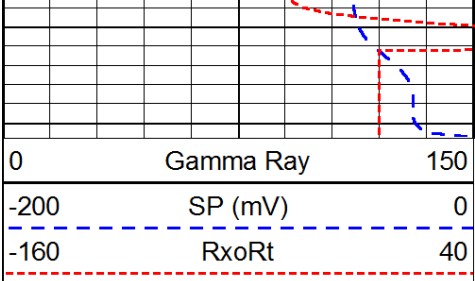


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LSPD