



# Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.	15-109-20,875-00-00	
Company	Landmark Resources, Inc.	
Well	Ottley No. 1-31	
Field	Wildcat	
County	Logan	State Kansas
Location	998' FSL & 2260' FEL	
Sec: 31	Twp: 14 S	Rge: 32 W
Permanent Datum	Ground Level	Elevation 2823
Log Measured From	Kelly Bushing	5 Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing	K.B. 2828
		D.F. 2823
		G.L. 2823

Date	1/05/2010
Run Number	One
Depth Driller	4510
Depth Logger	4509
Bottom Logged Interval	4508
Top Log Interval	200
Casing Driller	8.625 @ 219
Casing Logger	217
Bit Size	7.875
Type Fluid in Hole	Chemical
Salinity, ppm CL	2.000
Density / Viscosity	9.1 57
pH / Fluid Loss	11.0 7.2
Source of Sample	Flowline
Rm @ Meas. Temp	.90 @ 55
Rmf @ Meas. Temp	.68 @ 55
Rmc @ Meas. Temp	1.22 @ 55
Source of Rmf / Rmc	Charts
Rm @ BHT	.40 @ 123
Operating Rig Time	5 Hours
Max Rec. Temp. F	123
Equipment Number	4
Location	Hays
Recorded By	K. Bange
Witnessed By	Terry McLeod

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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 Log-Tech, Inc.  
(785) 625-3858

Oakley, 23 S to Gold rd (across Smoky Hill river), 3 W, N into

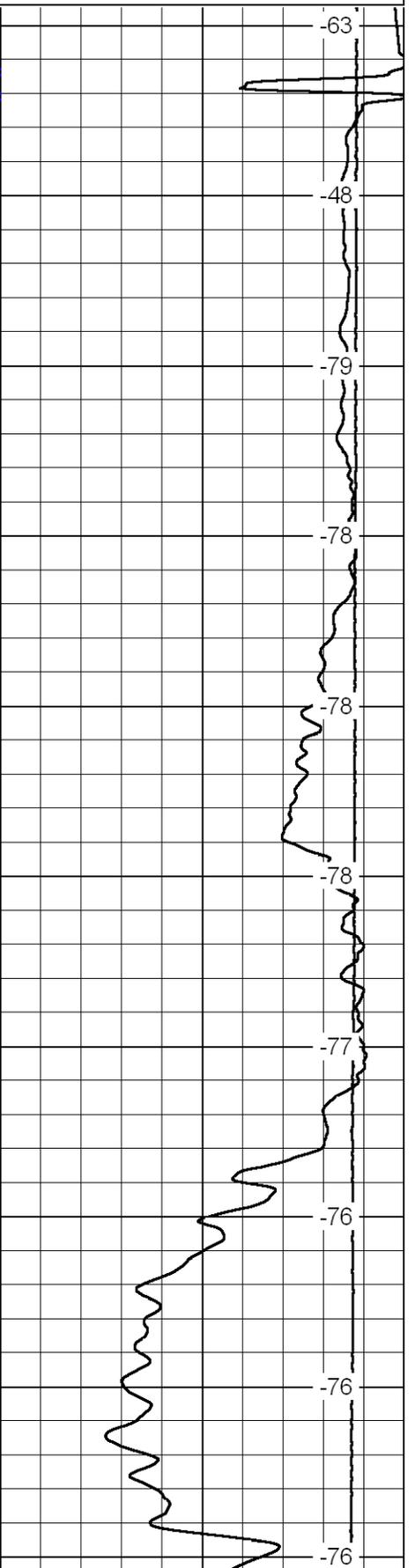
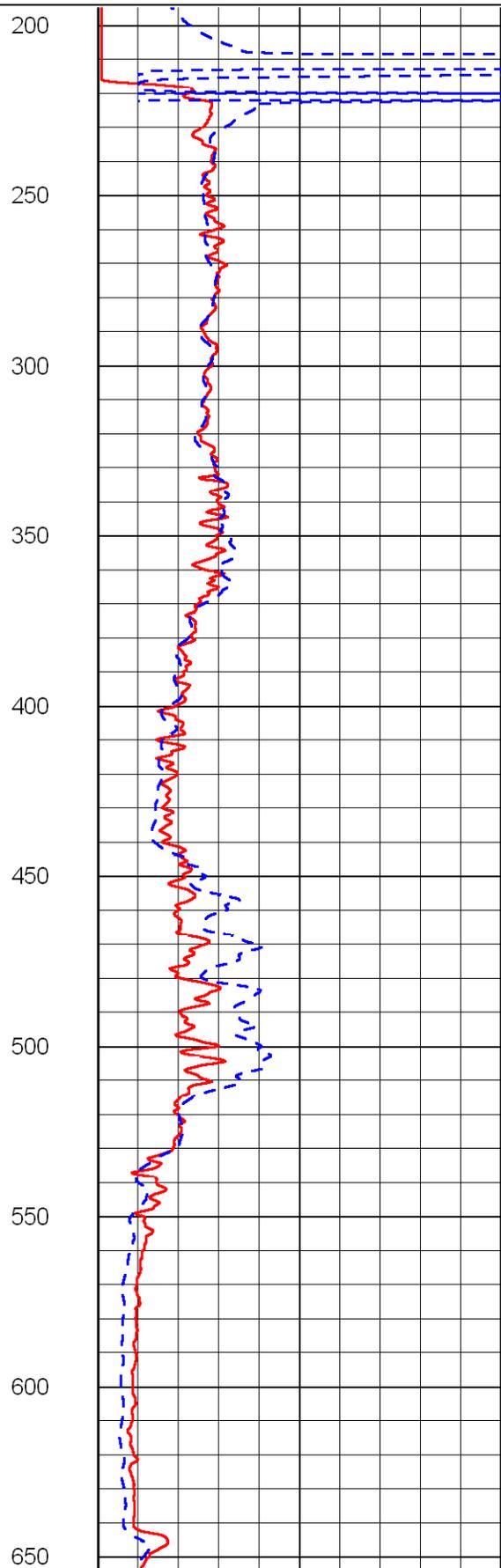
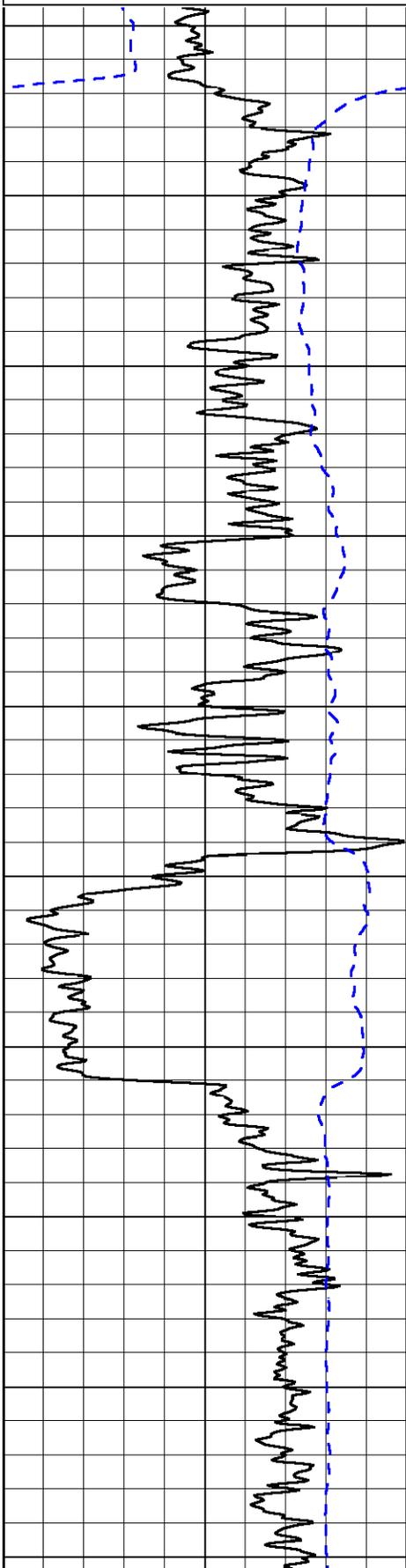
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 Presentation Format: dil2in  
 Dataset Creation: Tue Jan 05 07:57:49 2010  
 Charted by: Depth in Feet scaled 1:600

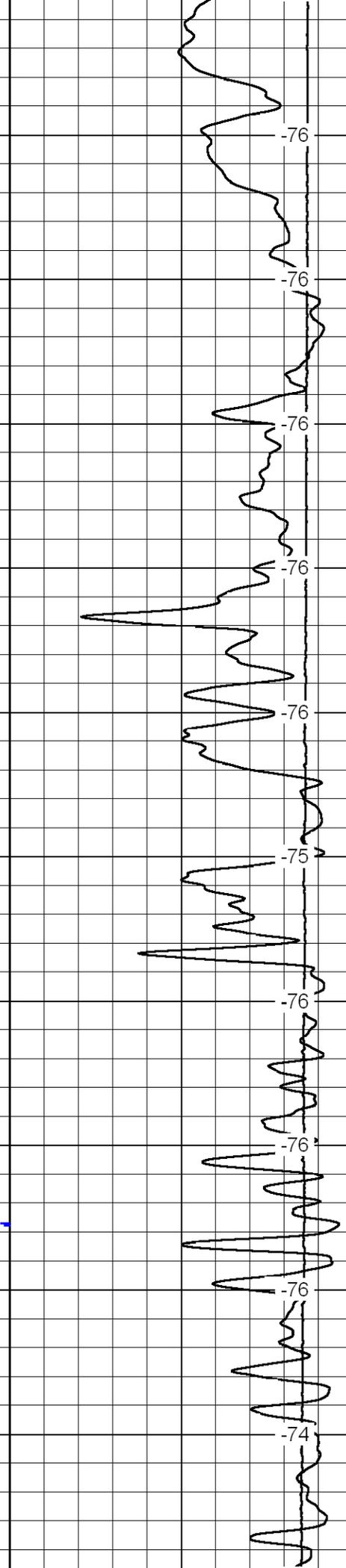
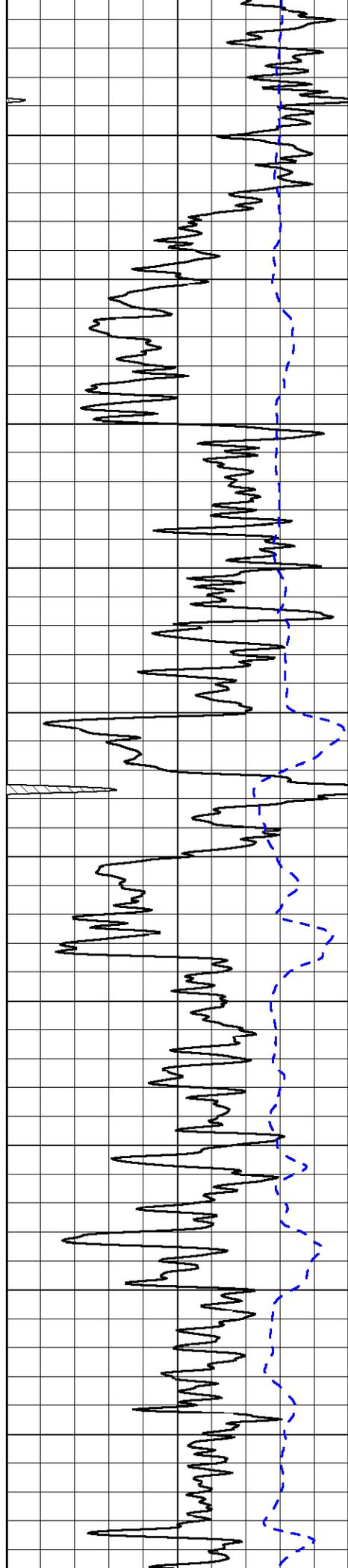
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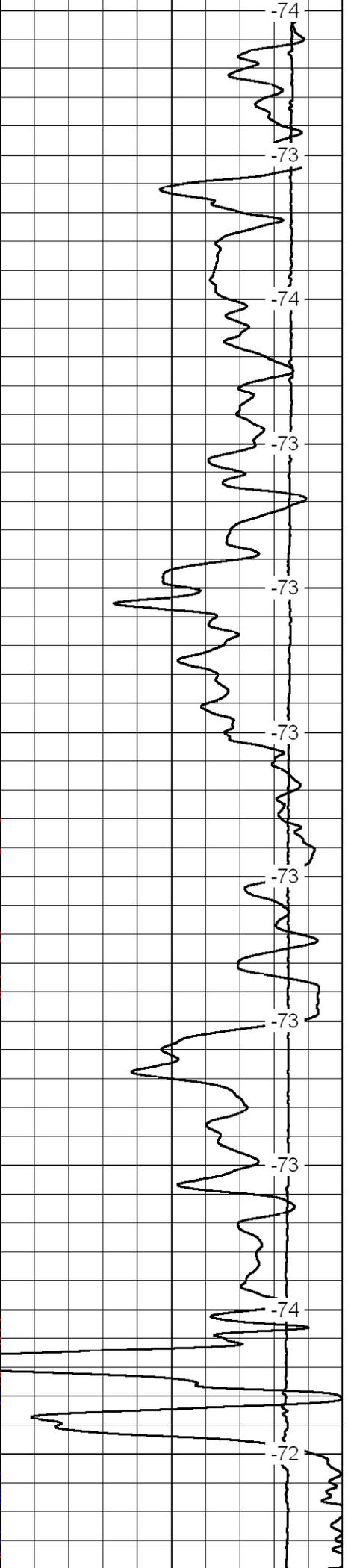
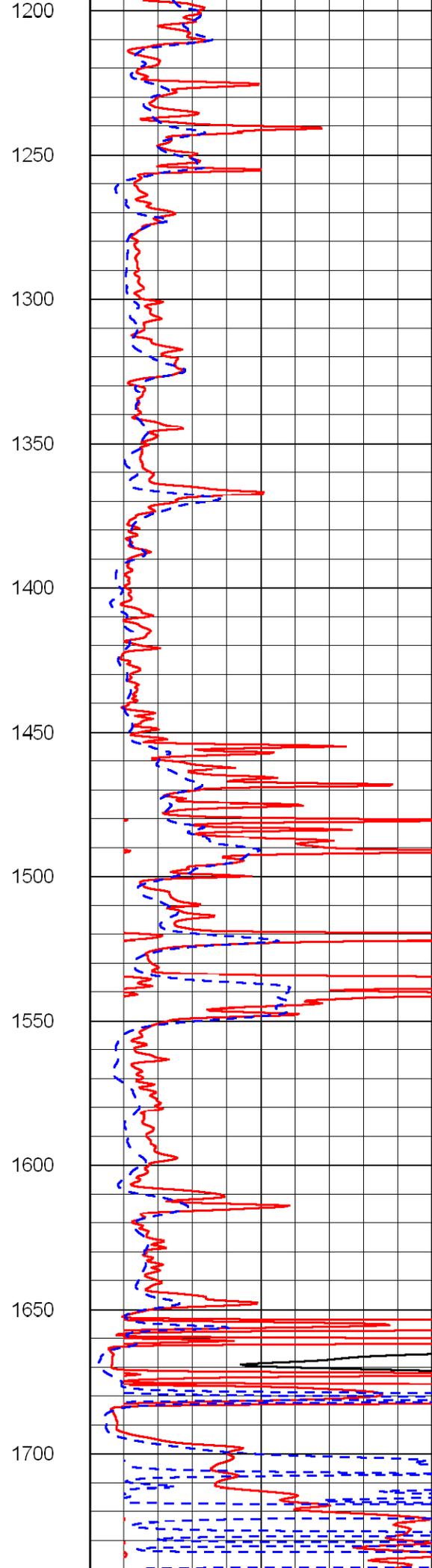
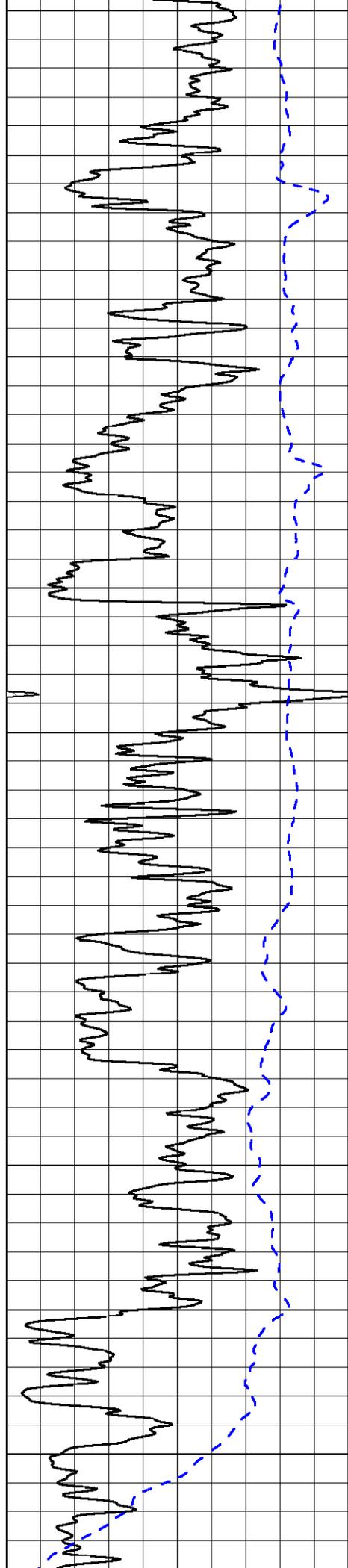
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0 Deep Resistivity (Ohm-m) 50  
1000 Conductivity (mmho/m) 0  
15000 Line Tension (lb) 0

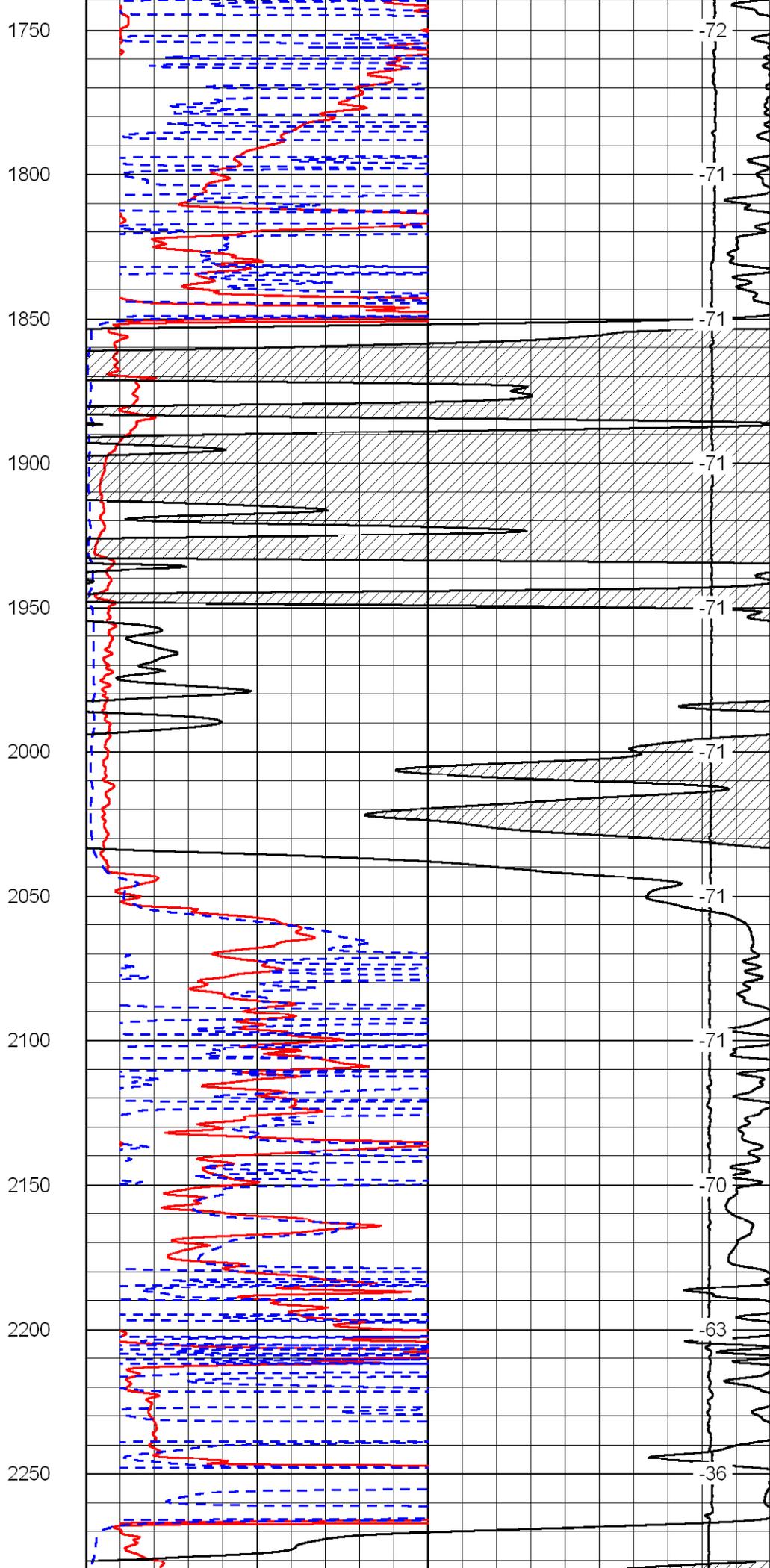
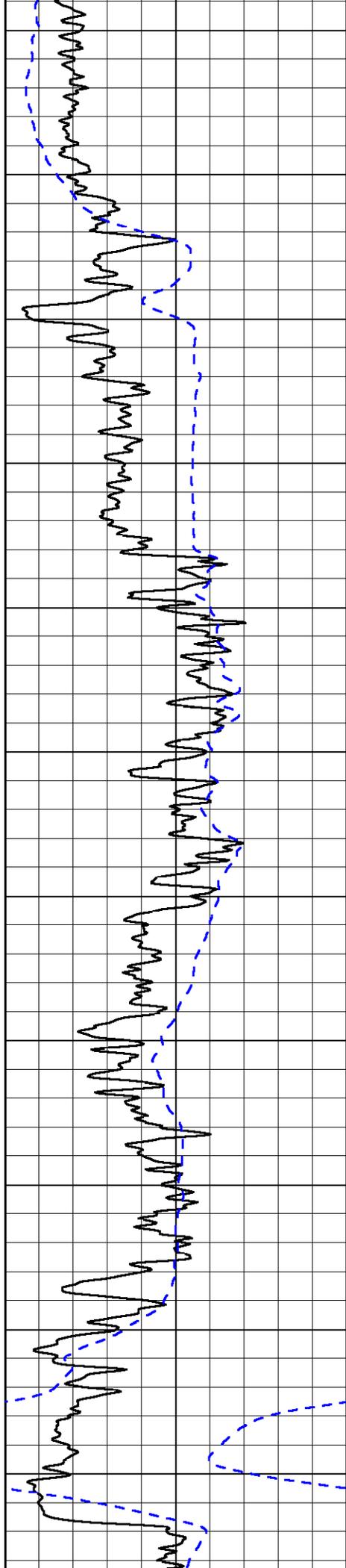
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(ft/min)

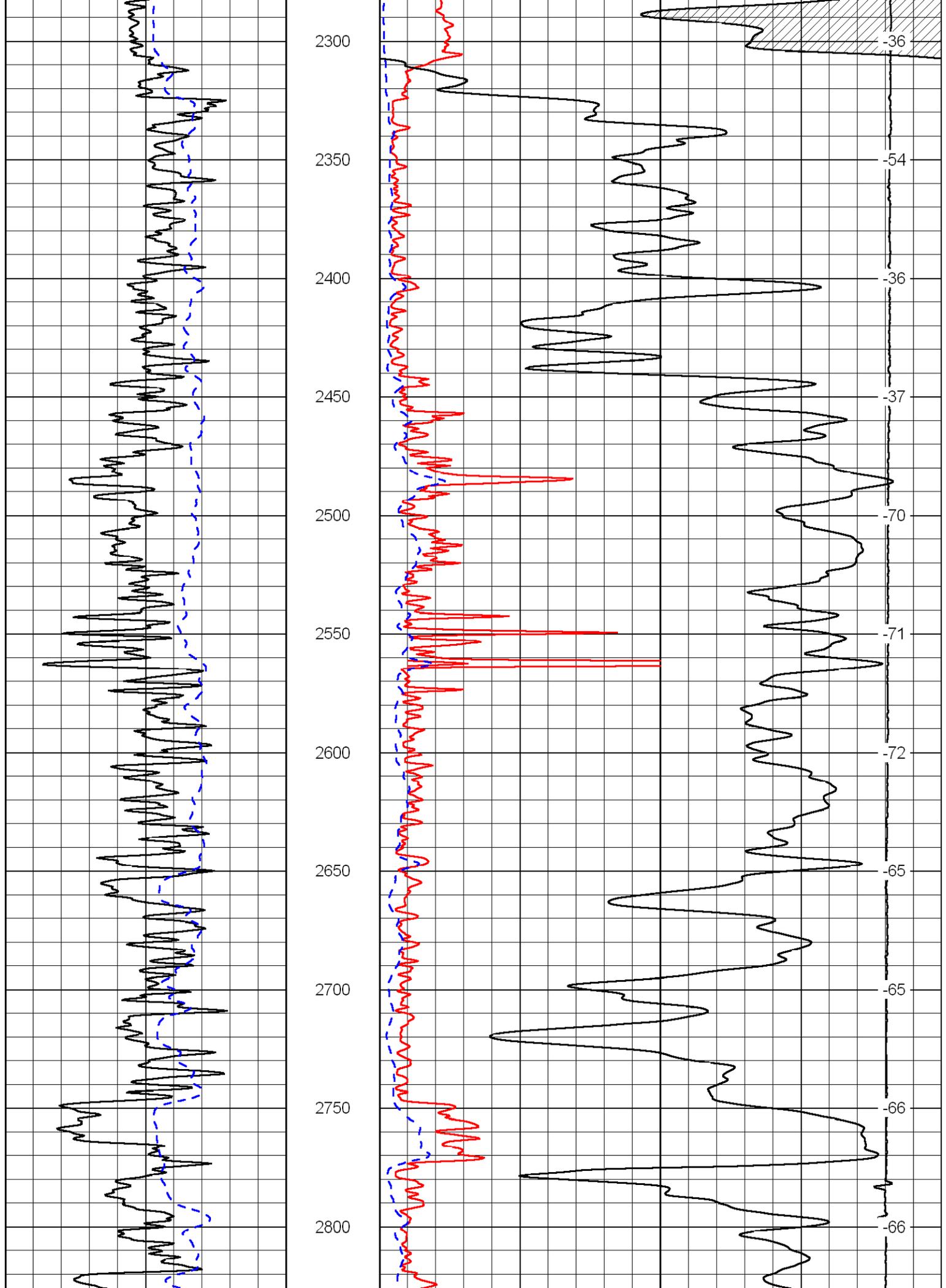
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50 Deep Resistivity (Ohm-m) 500

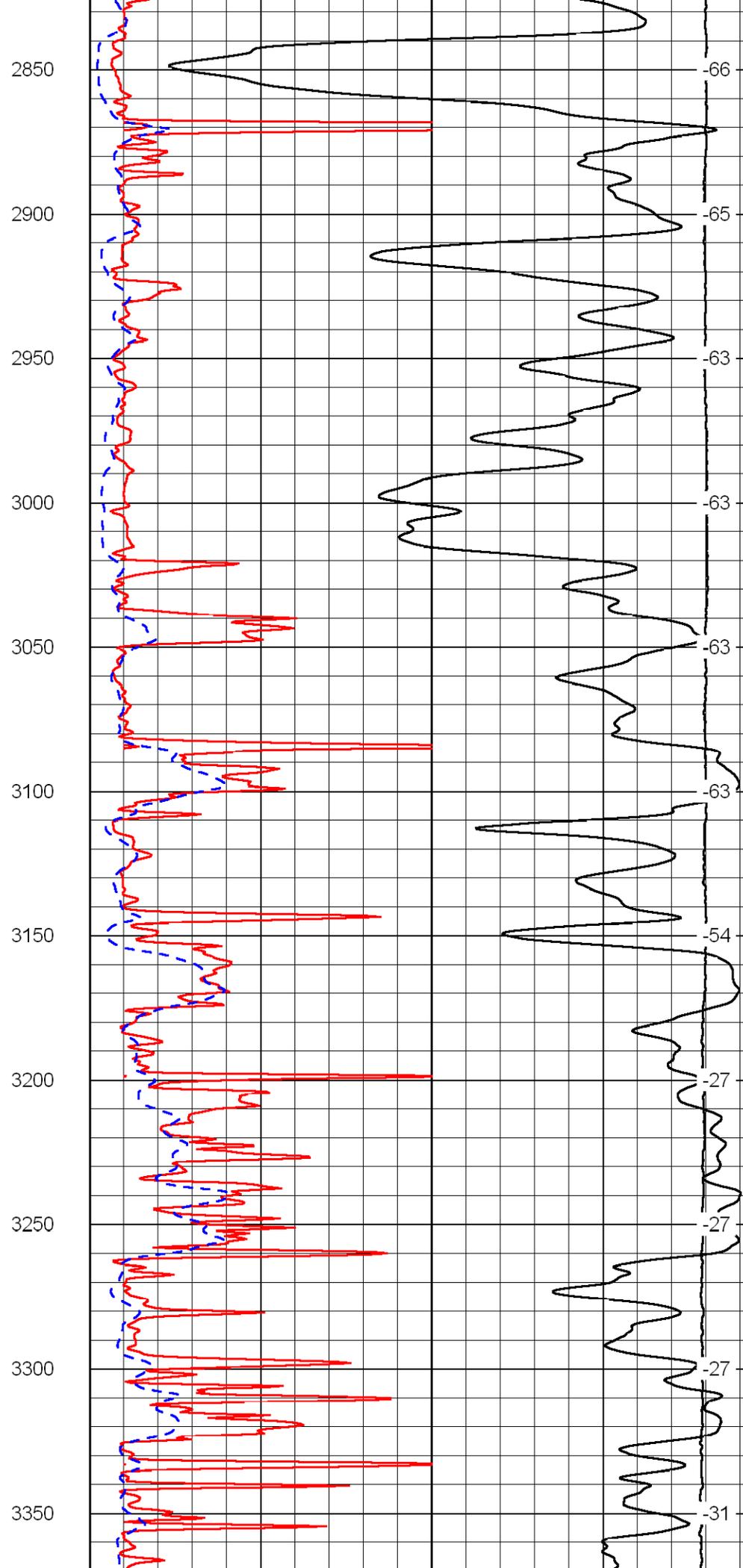
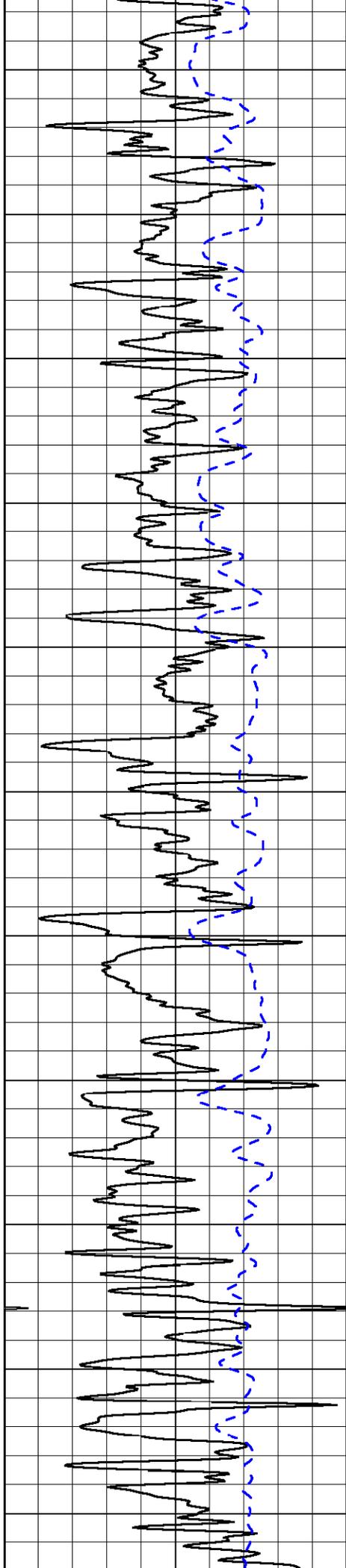


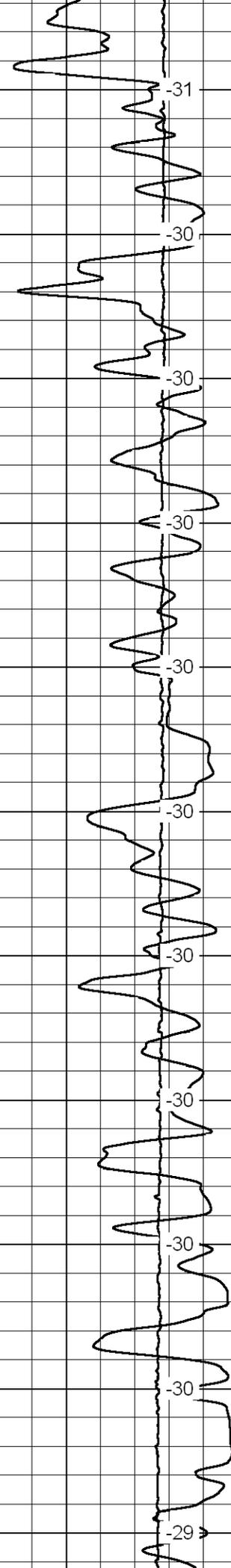
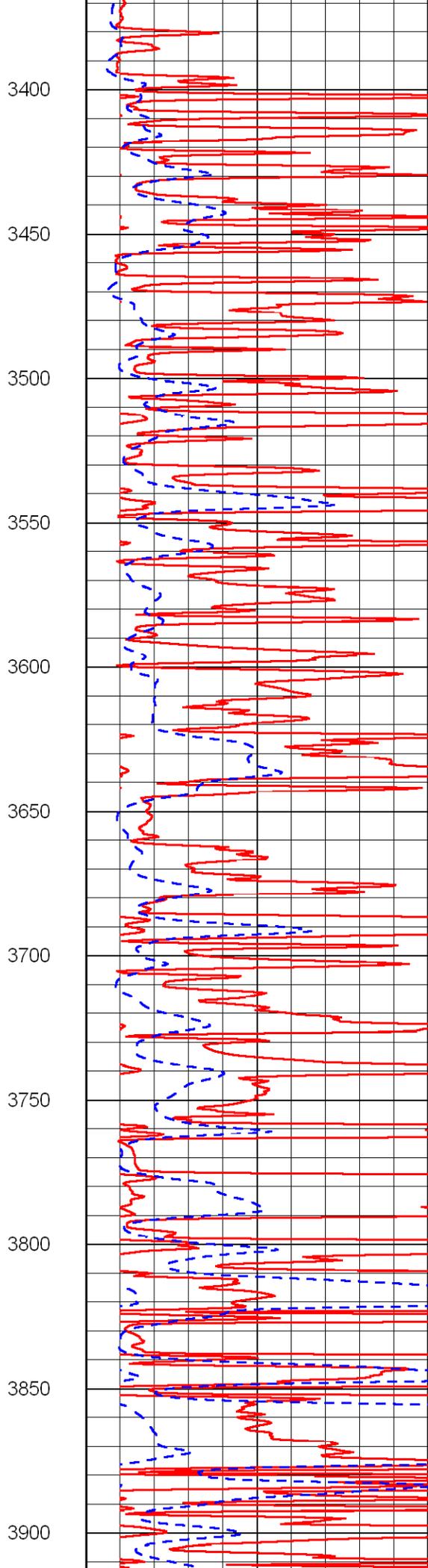
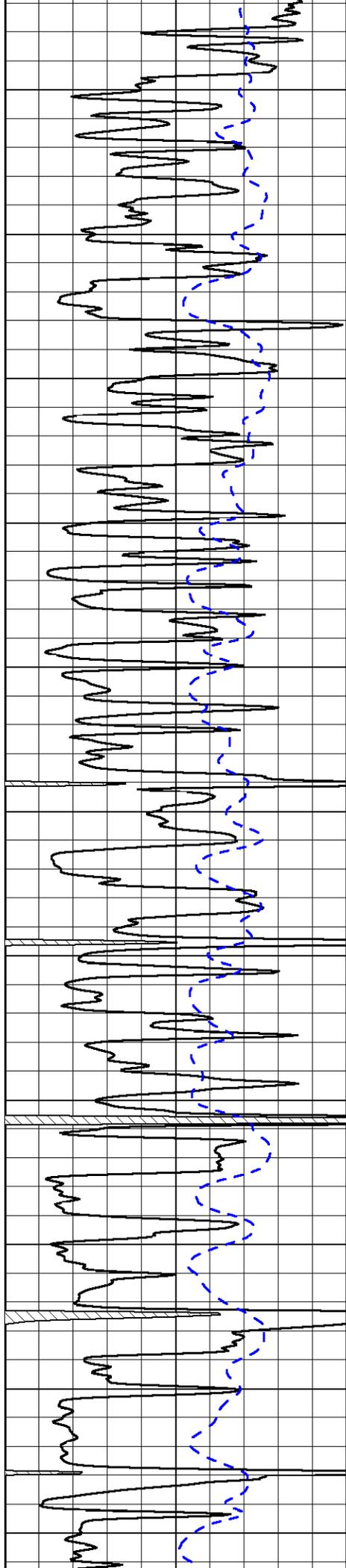


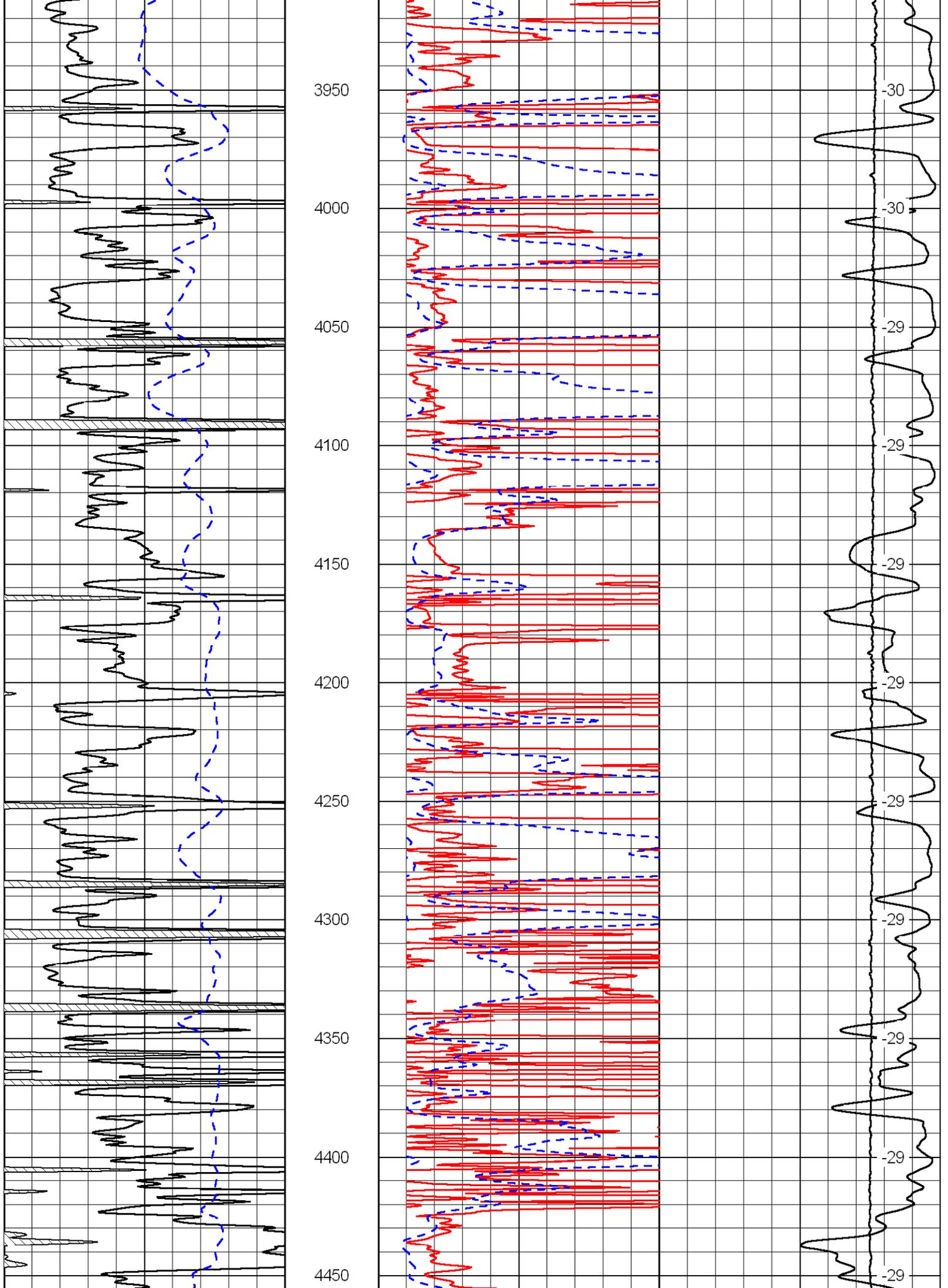


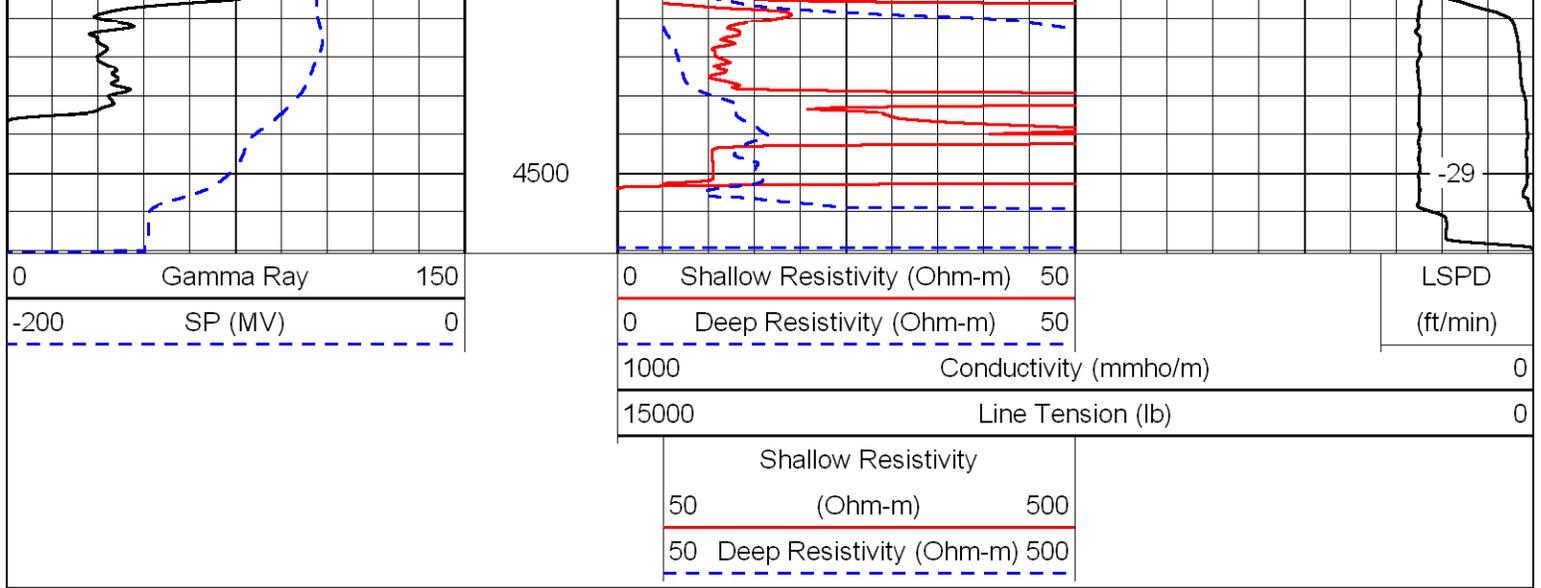




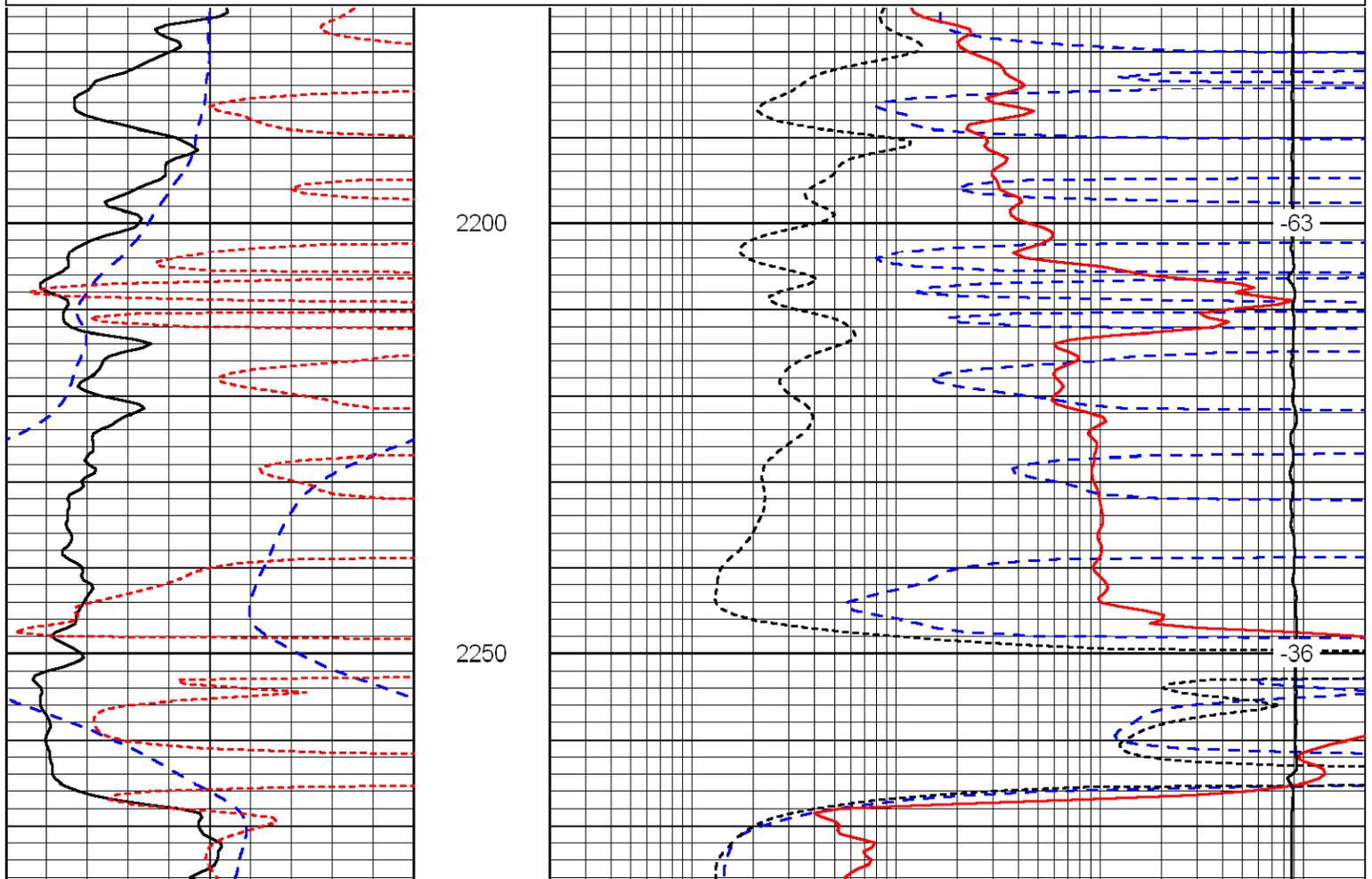
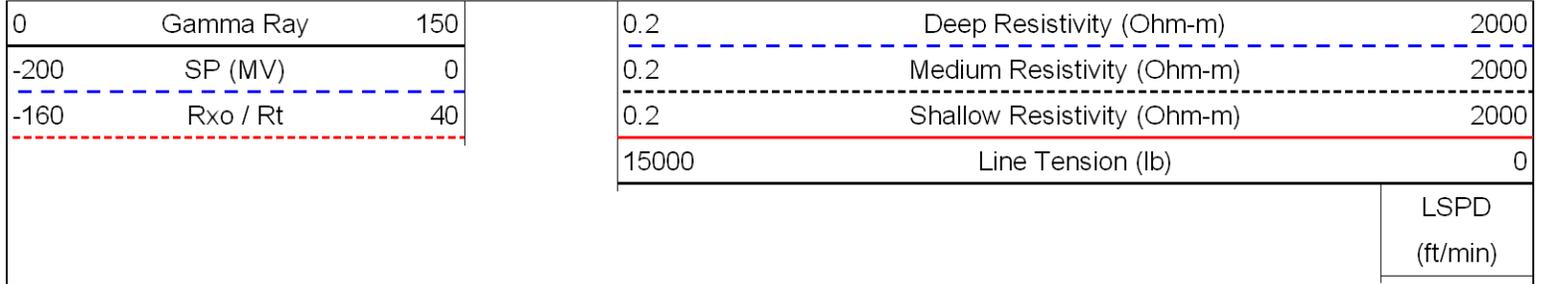


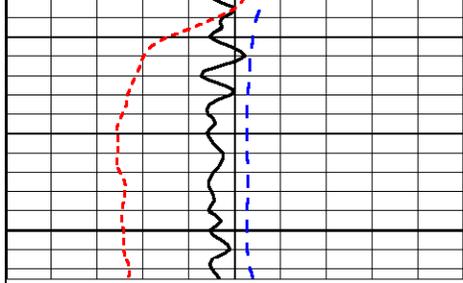






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2300

0	Gamma Ray	150
-200	SP (MV)	0
-160	Rxo / Rt	40



-36

0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000
15000	Line Tension (lb)	0

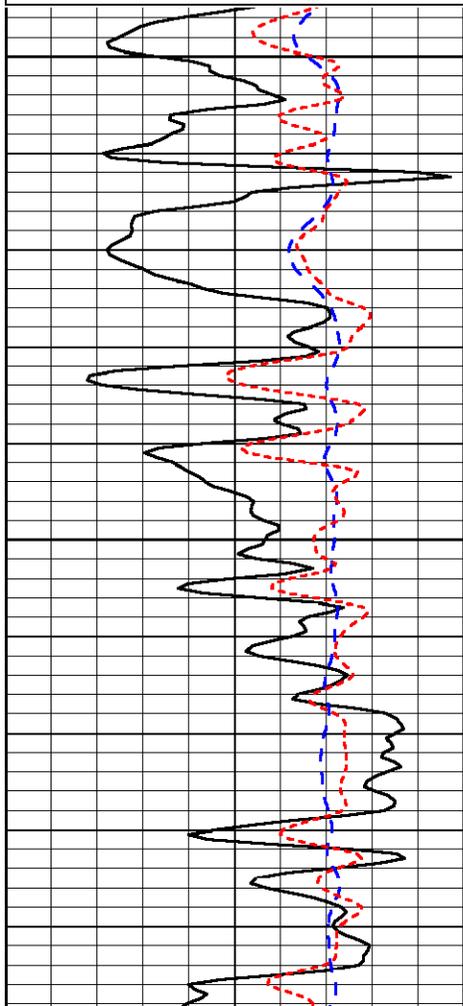
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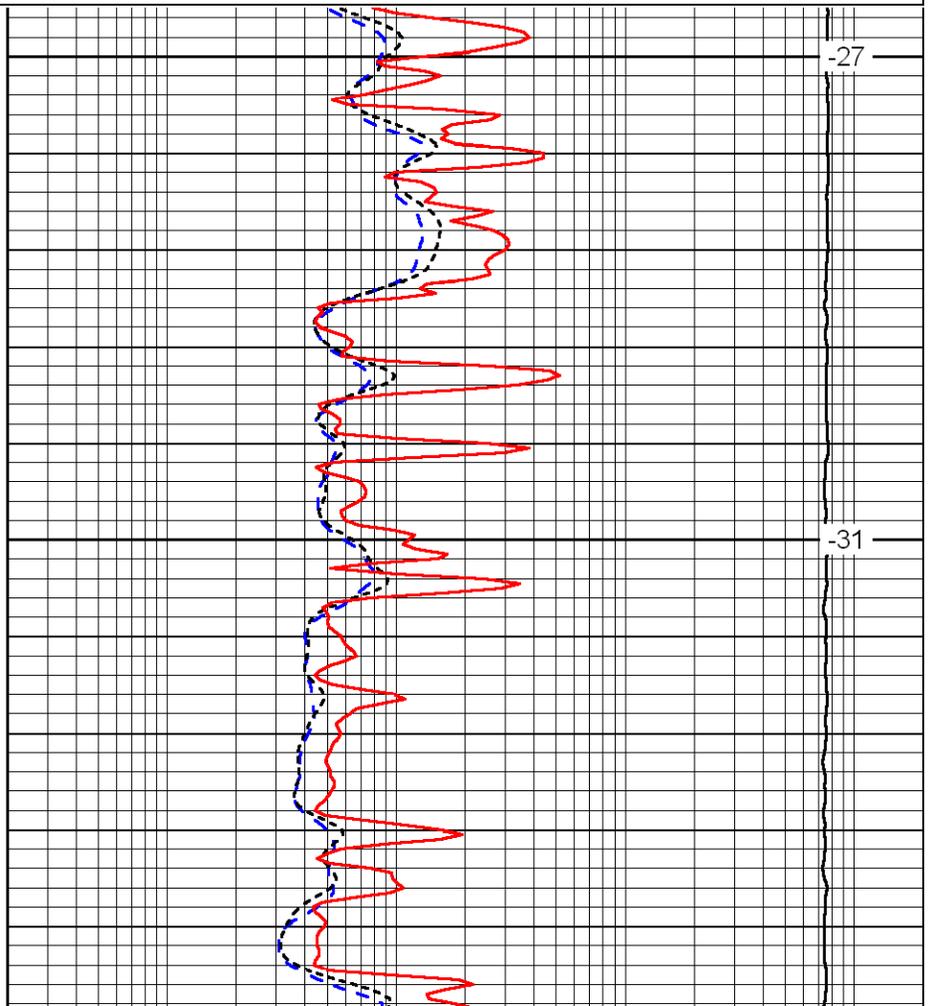
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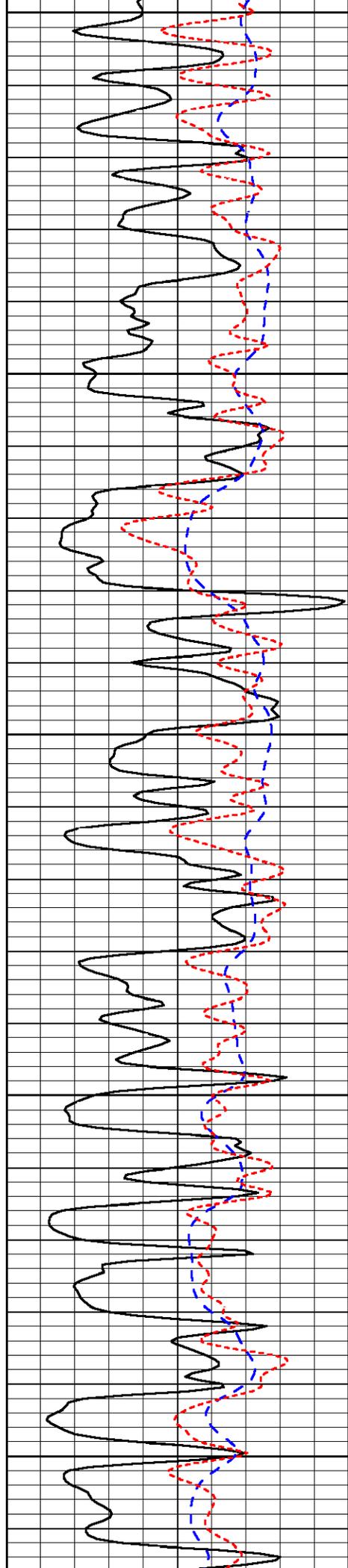
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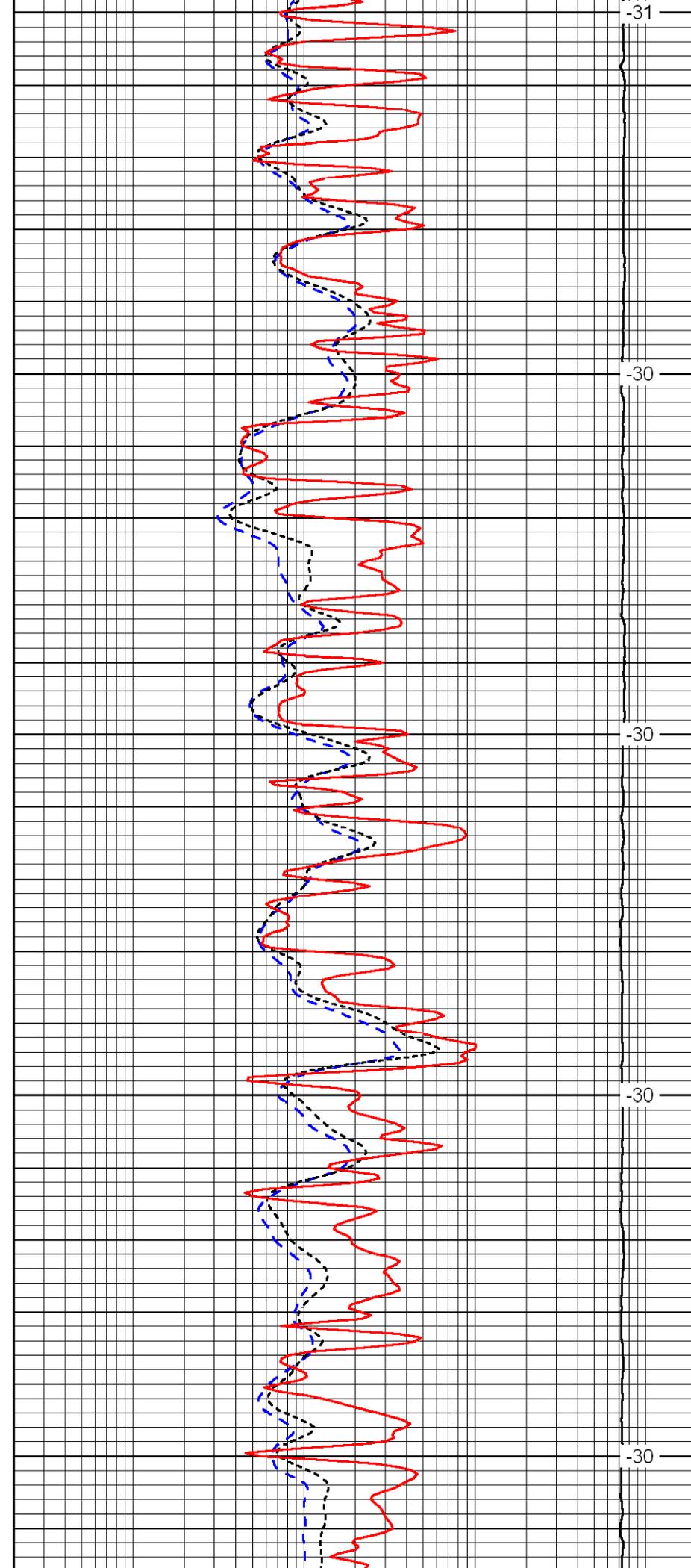
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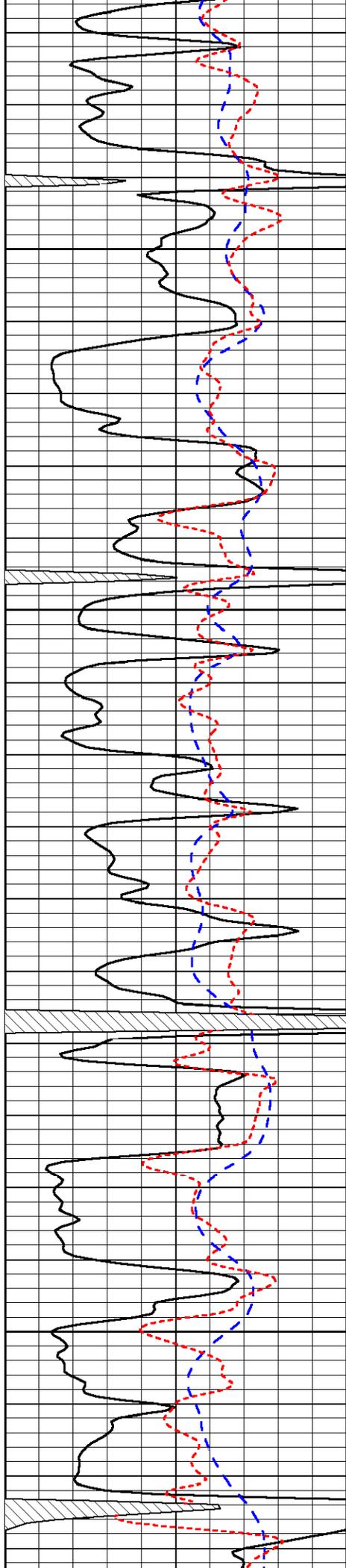
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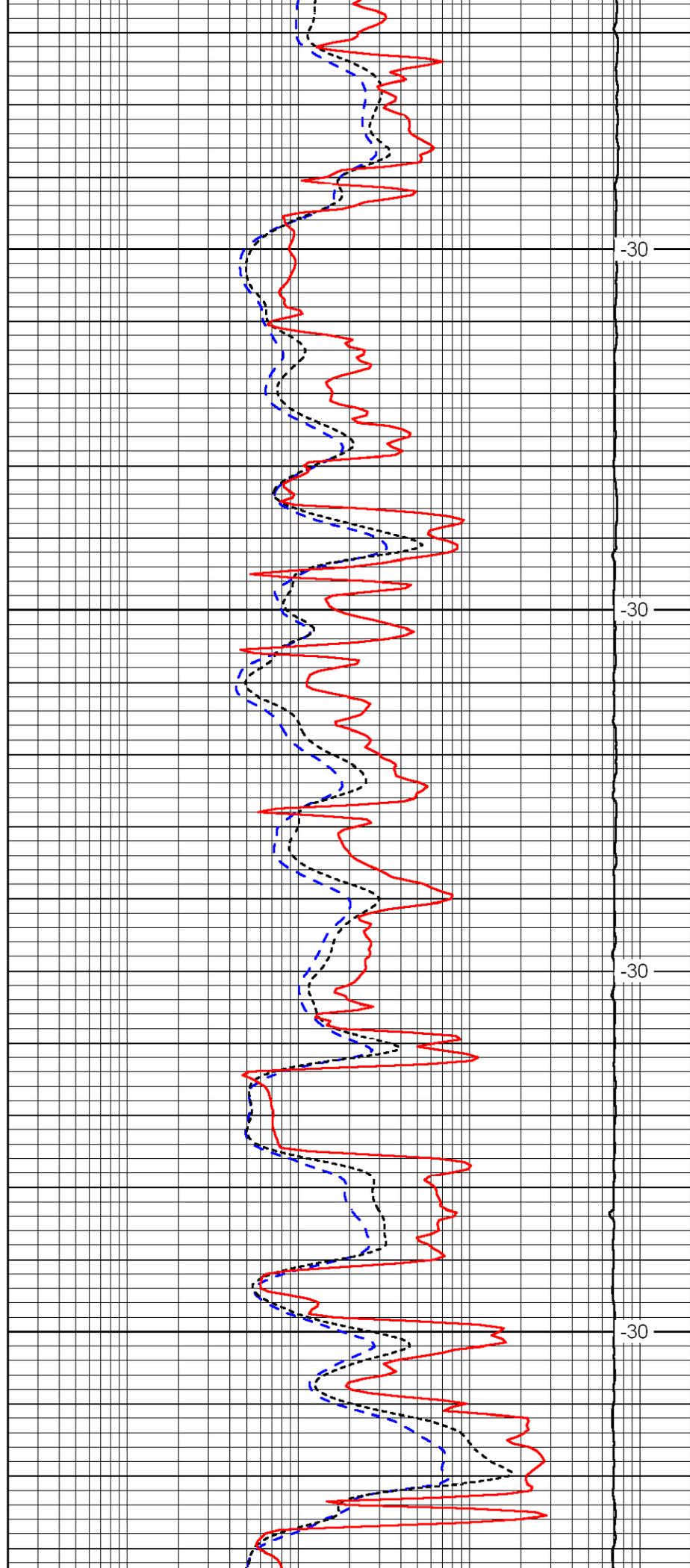


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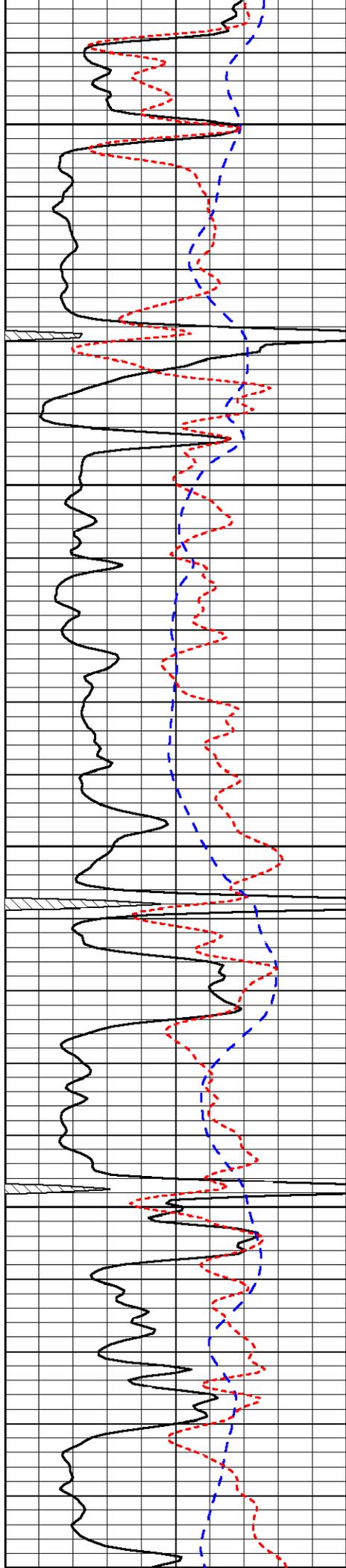


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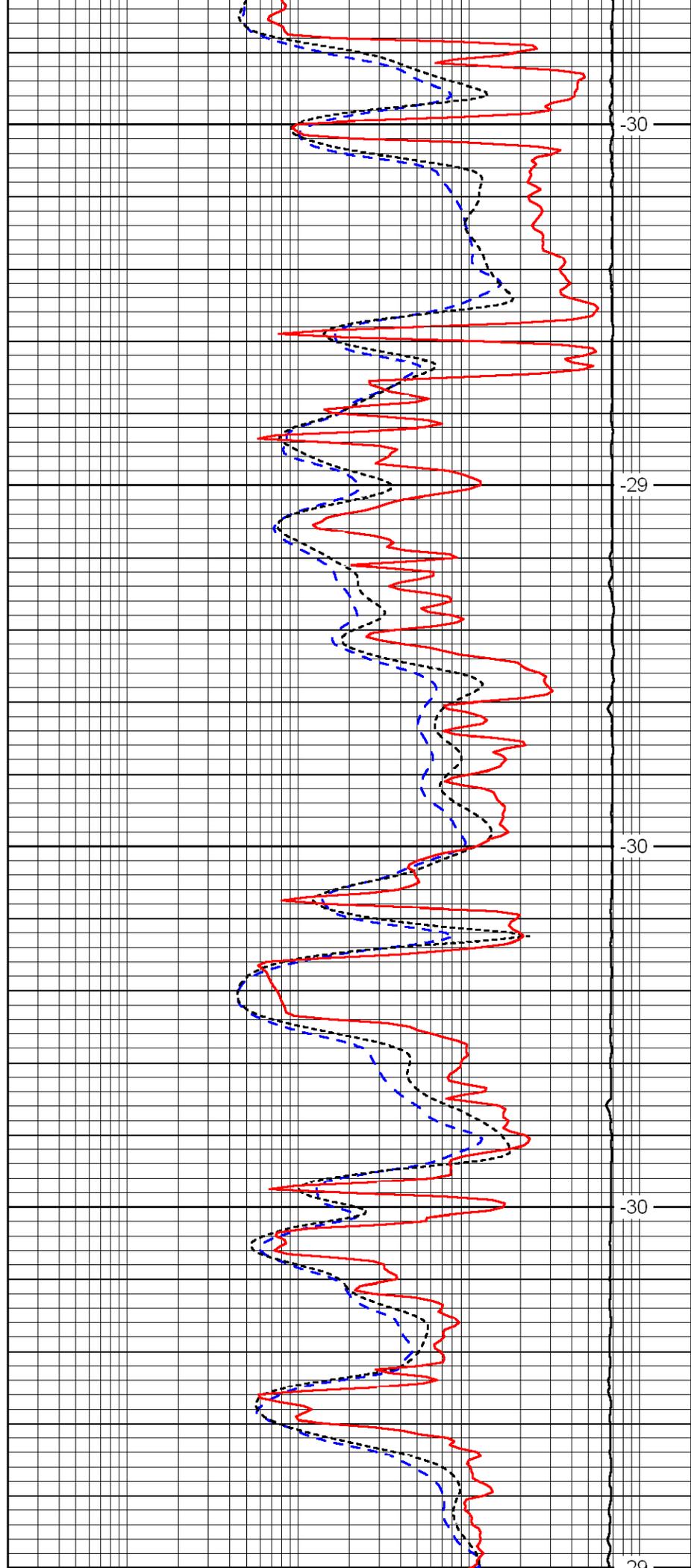
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3950

4000

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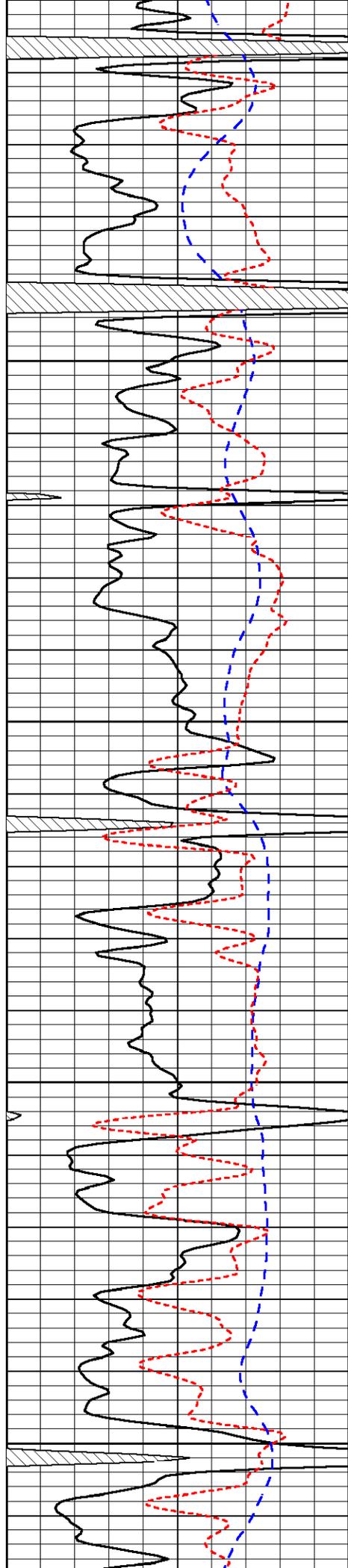
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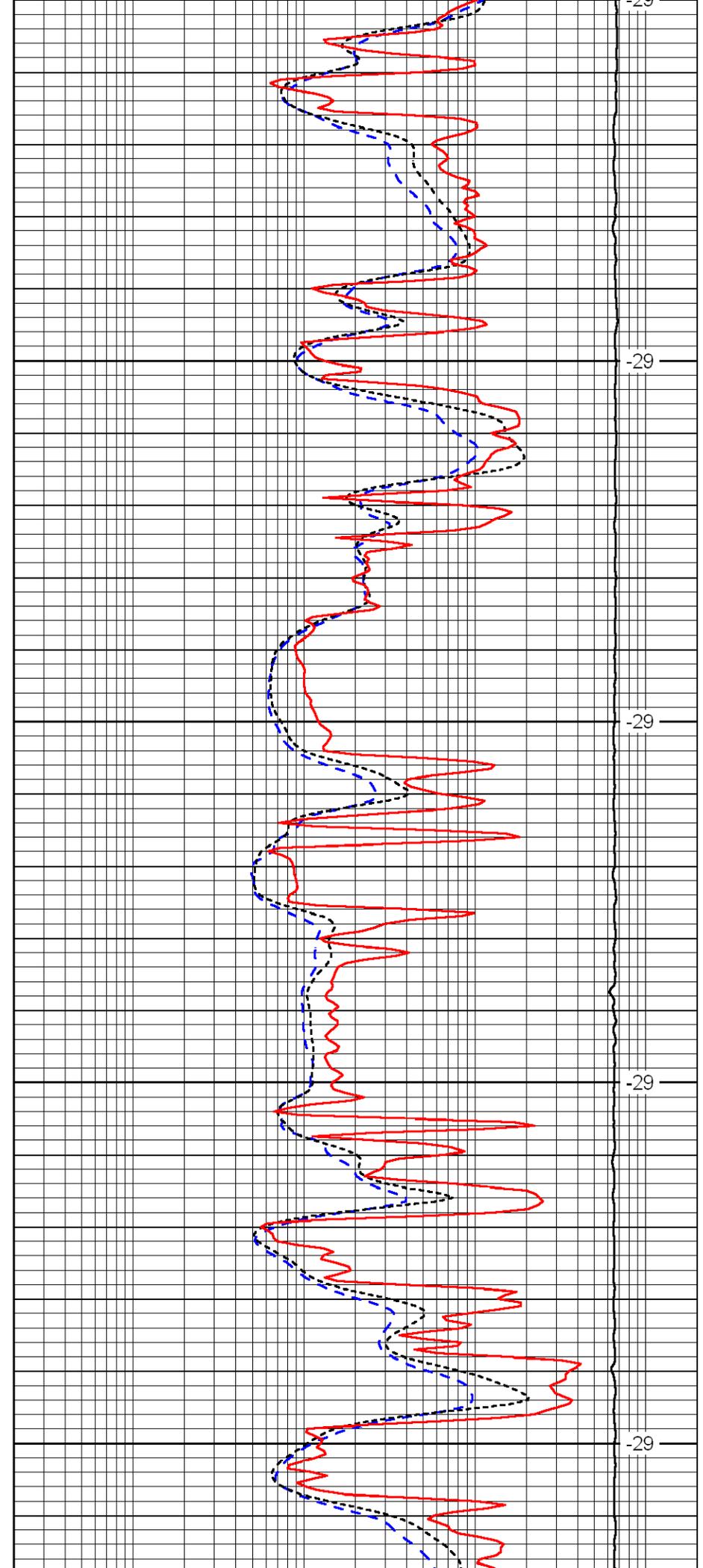


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4150

4200

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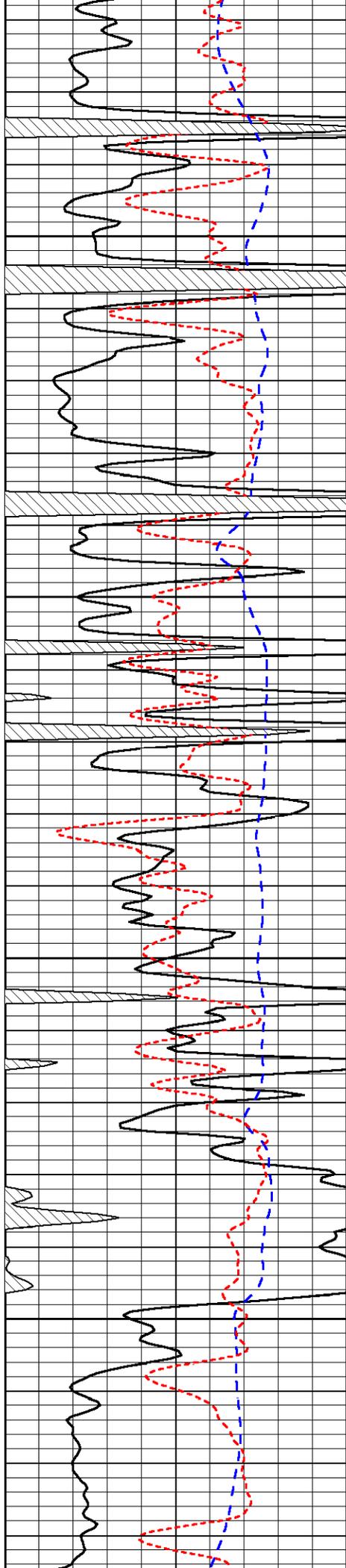


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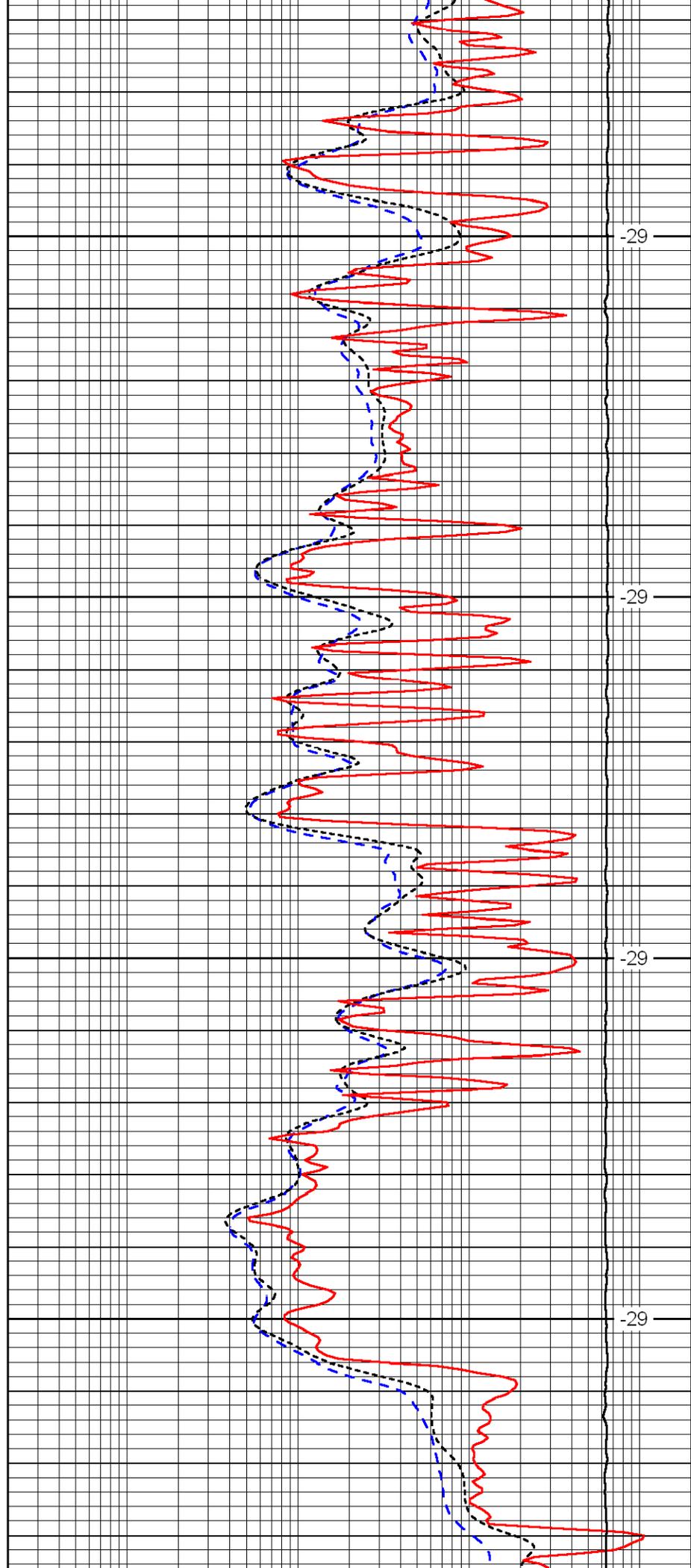


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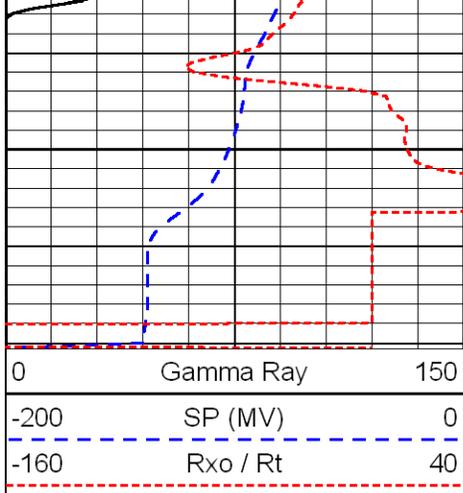


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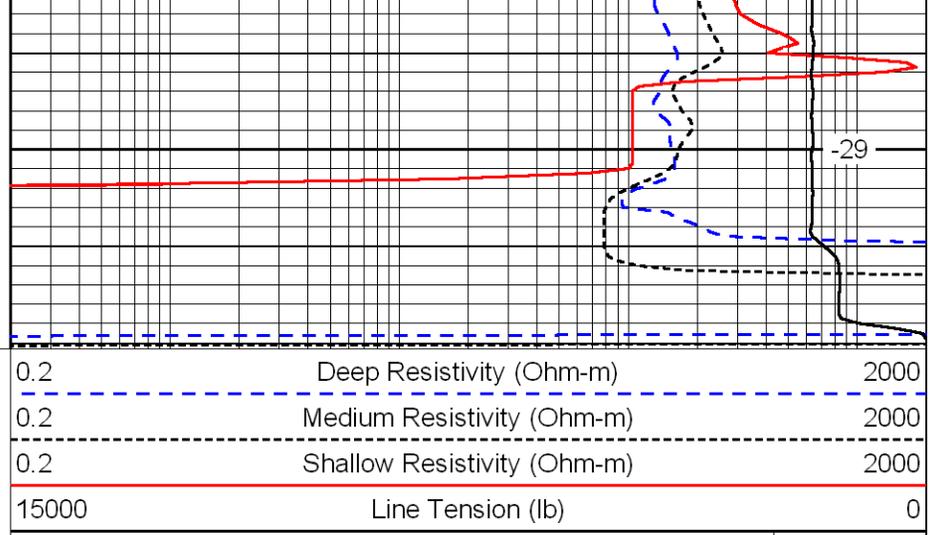
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-29



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-29

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