



# Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.	15-065-23724-00-00	
Company	H & M Petroleum Corp.	
Well	Betty Thunder #8	
Field	Wildcat	
County	Graham	State
		Kansas
Location	E2 NE SE SE 990' FSL / 100' FEL	
Sec: 31	Twp: 9S	Rge: 24W
Permanent Datum	Ground Level	Elevation 2536
Log Measured From	Kelly Bushing	5 Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing	K.B. 2541
		D.F. 2536
		G.L. 2536

Date	3/18/2011
Run Number	One
Depth Driller	4150
Depth Logger	4148
Bottom Logged Interval	4147
Top Log Interval	200
Casing Driller	8.625 @ 220
Casing Logger	220
Bit Size	7.875
Type Fluid in Hole	Chemical
Salinity, ppm CL	1500
Density / Viscosity	9.1 55
pH / Fluid Loss	10.5 6.8
Source of Sample	Flowline
Rm @ Meas. Temp	1.30 @ 55
Rmf @ Meas. Temp	0.98 @ 55
Rmc @ Meas. Temp	1.76 @ 55
Source of Rmf / Rmc	Charts
Rm @ BHT	0.60 @ 120
Operating Rig Time	4 Hours
Max Rec. Temp. F	120
Equipment Number	17
Location	Hays
Recorded By	R. Barnhart
Witnessed By	Richard Hall

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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

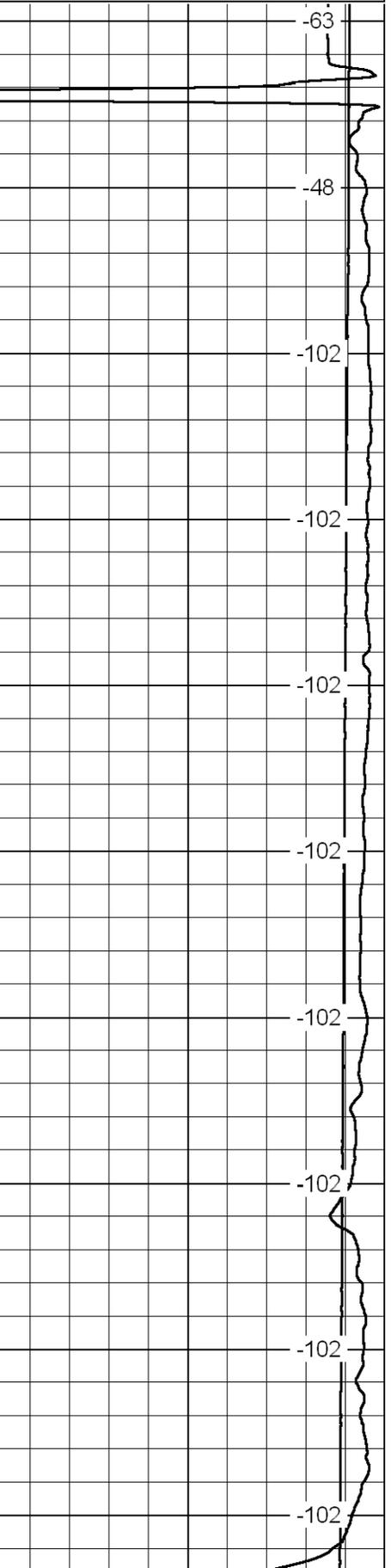
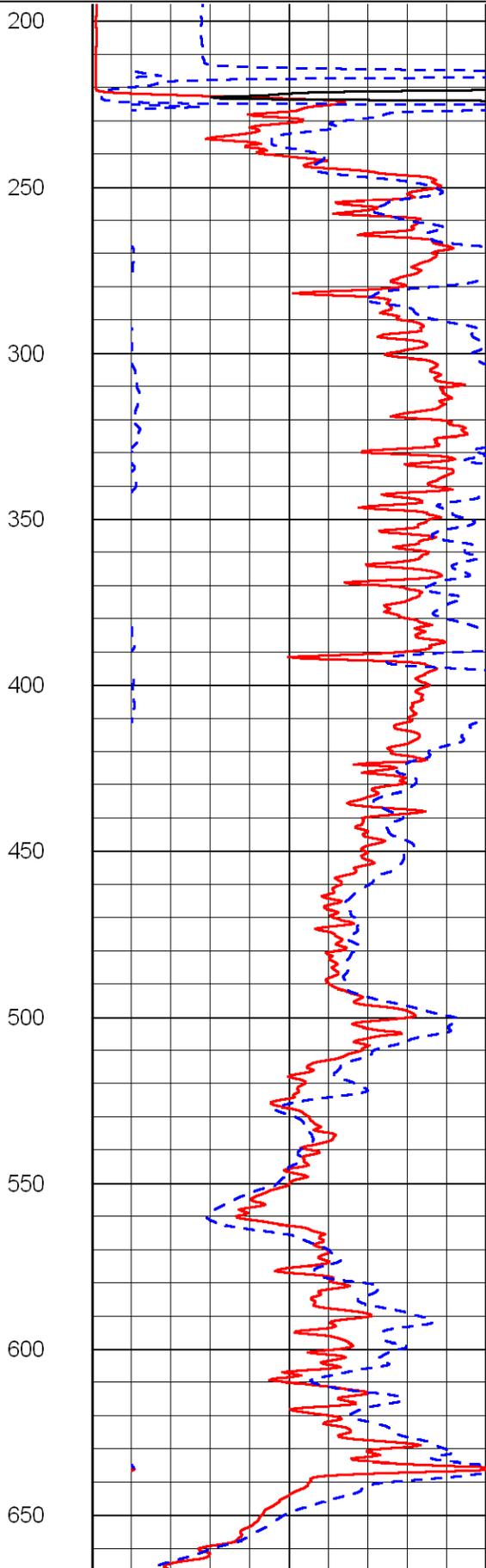
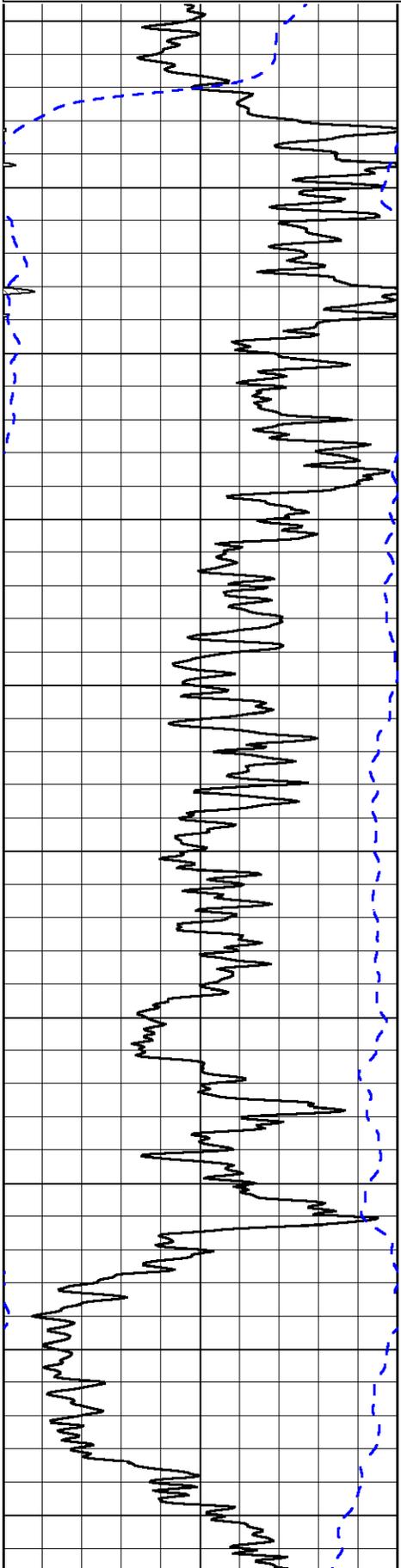
Thank you for using Log-Tech, Inc.  
 (785) 625-3858  
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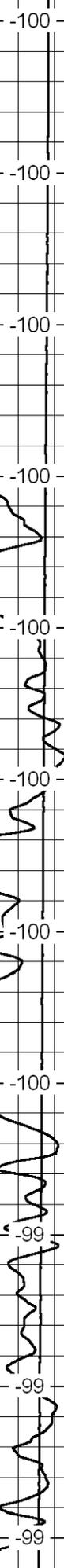
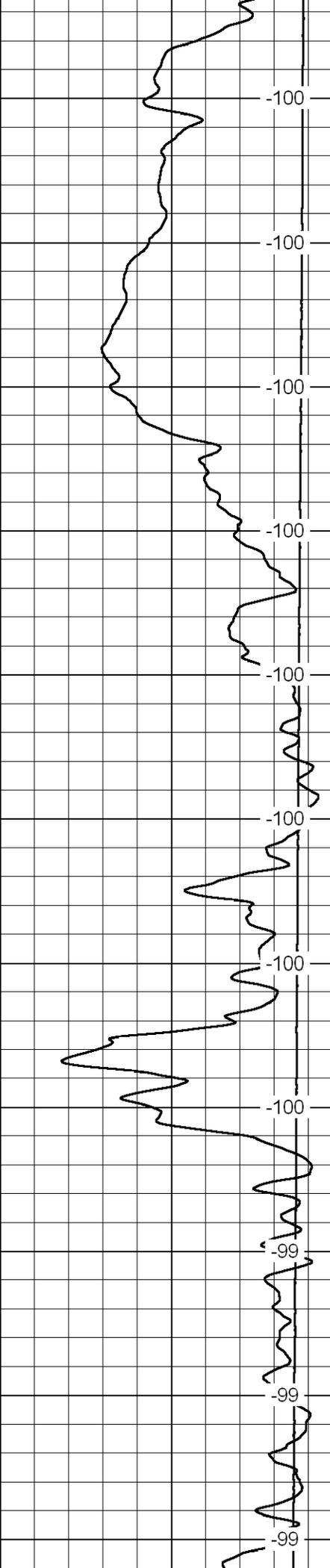
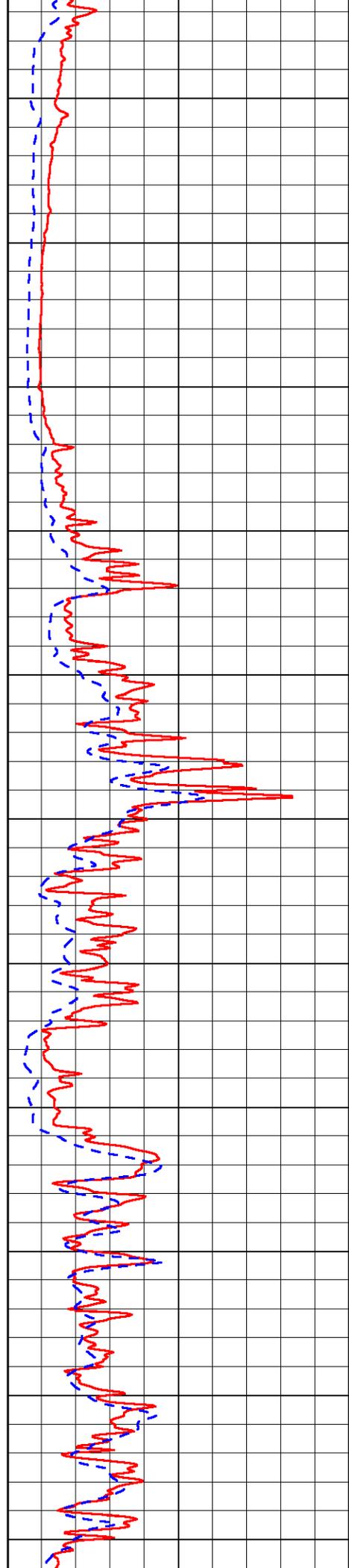
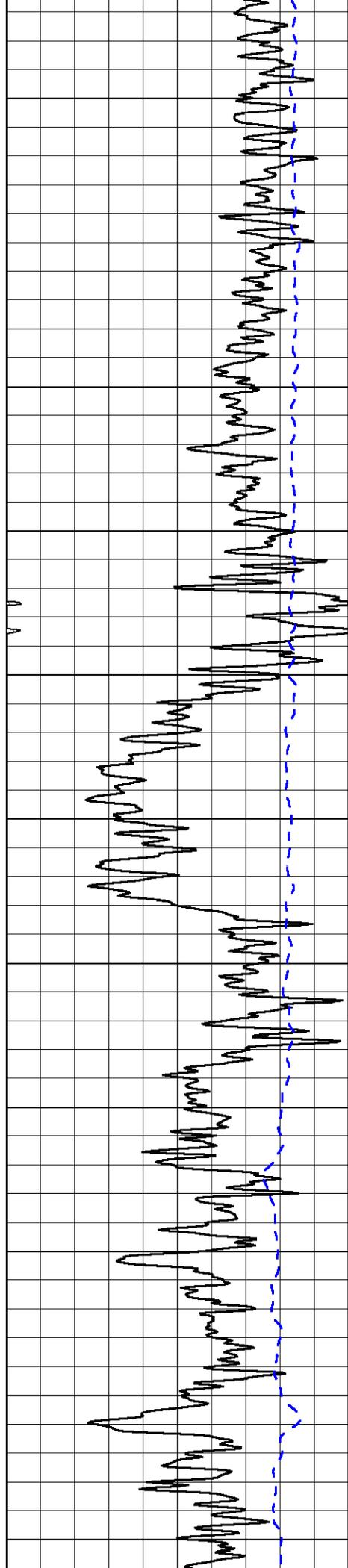
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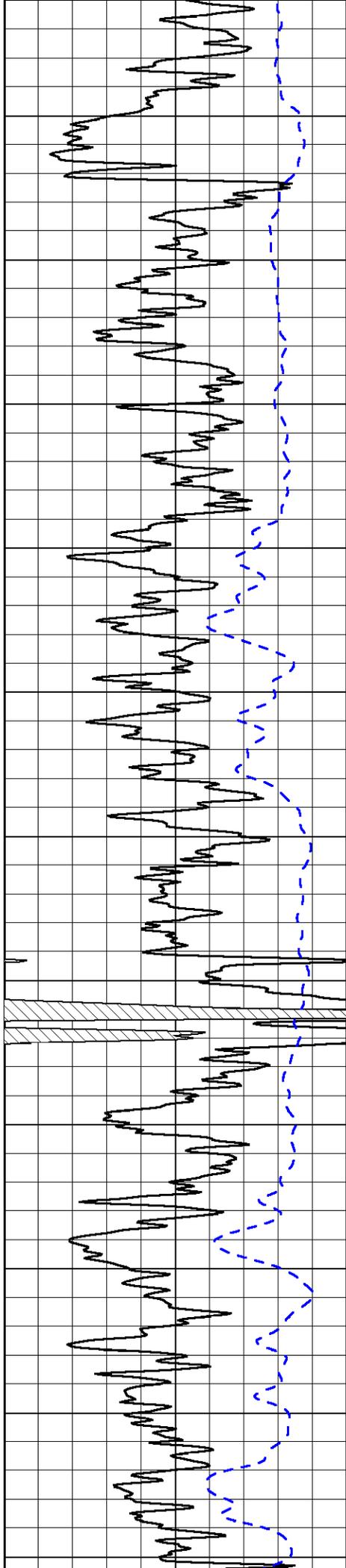
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-200	SP	0

0	Shallow Resistivity	50
0	Deep Resistivity	50

LSPD	0
Conductivity	0
Line Tension	0







1250

1300

1350

1400

1450

1500

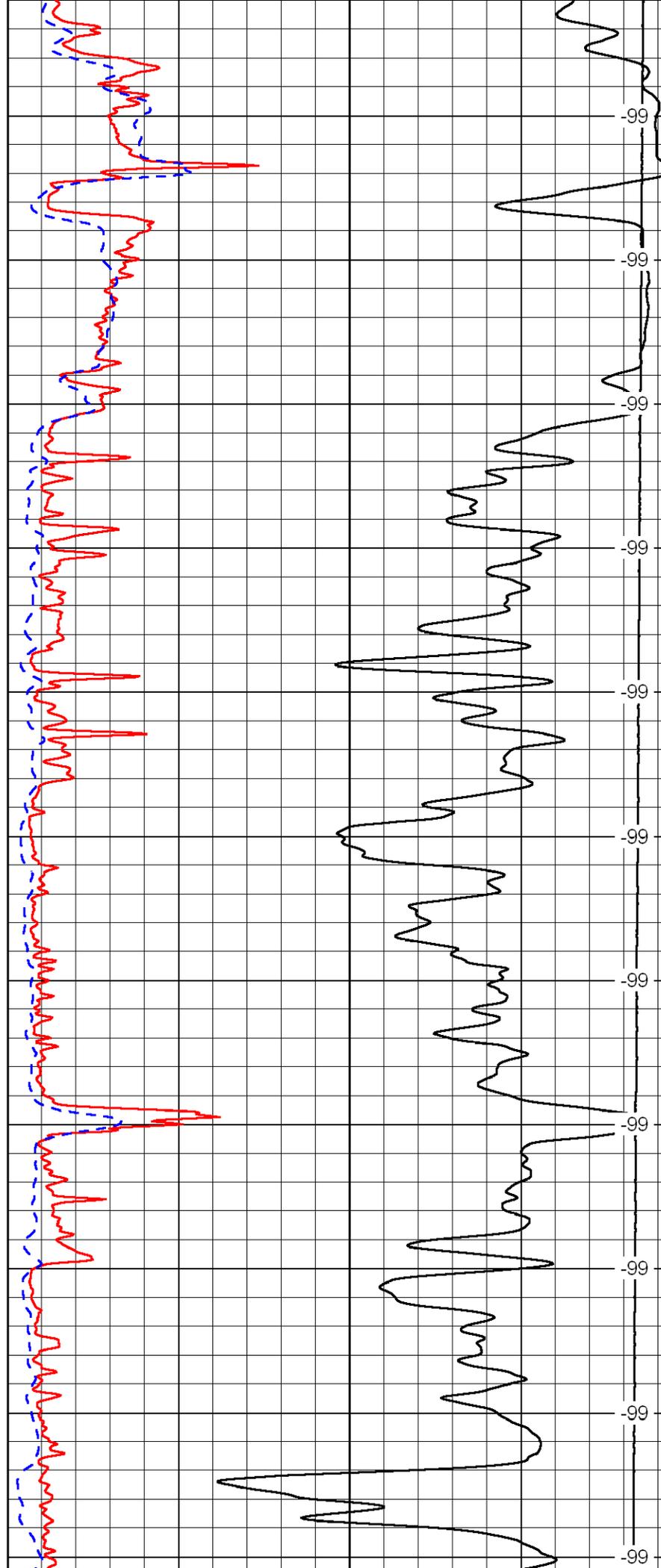
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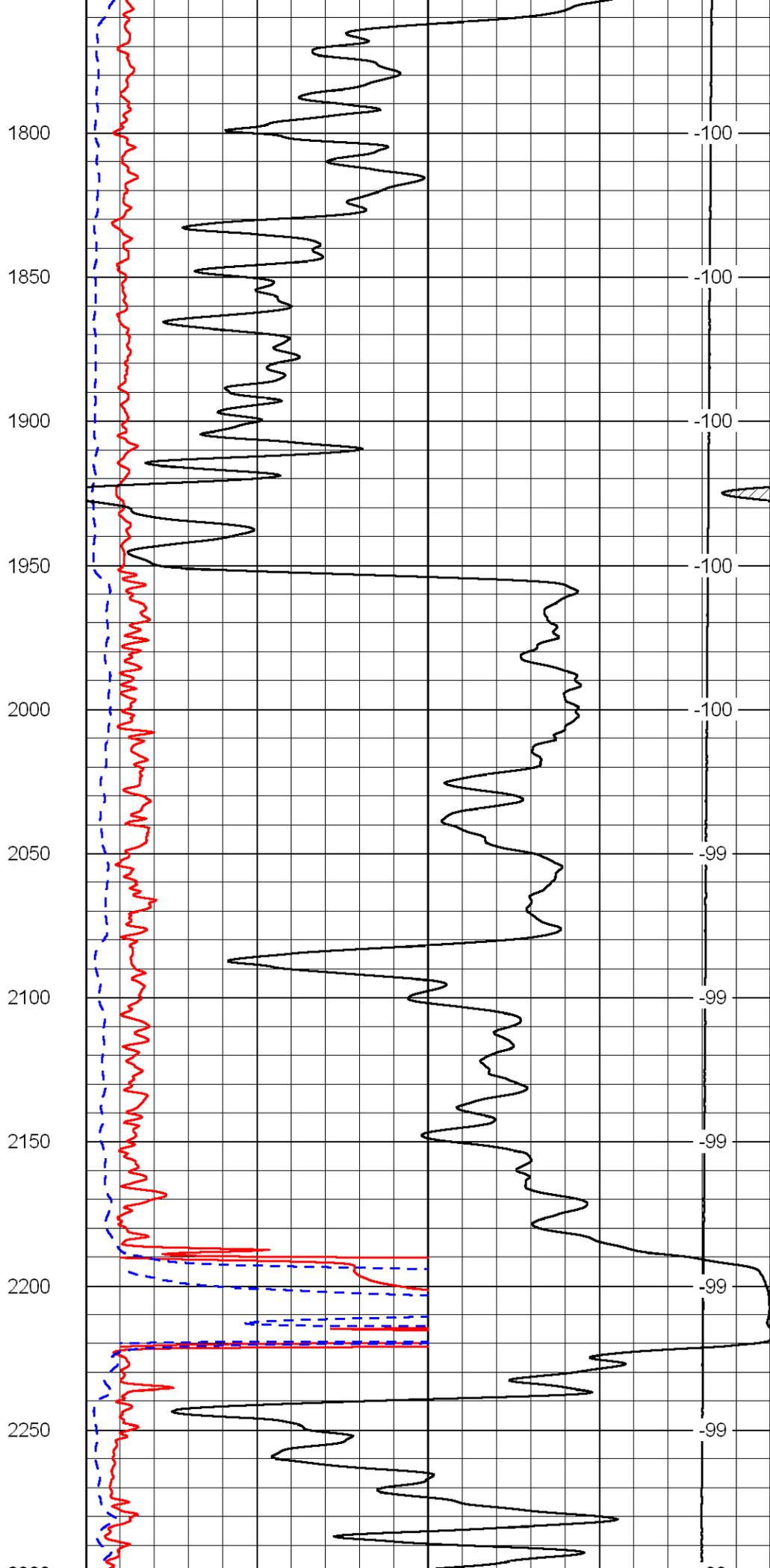
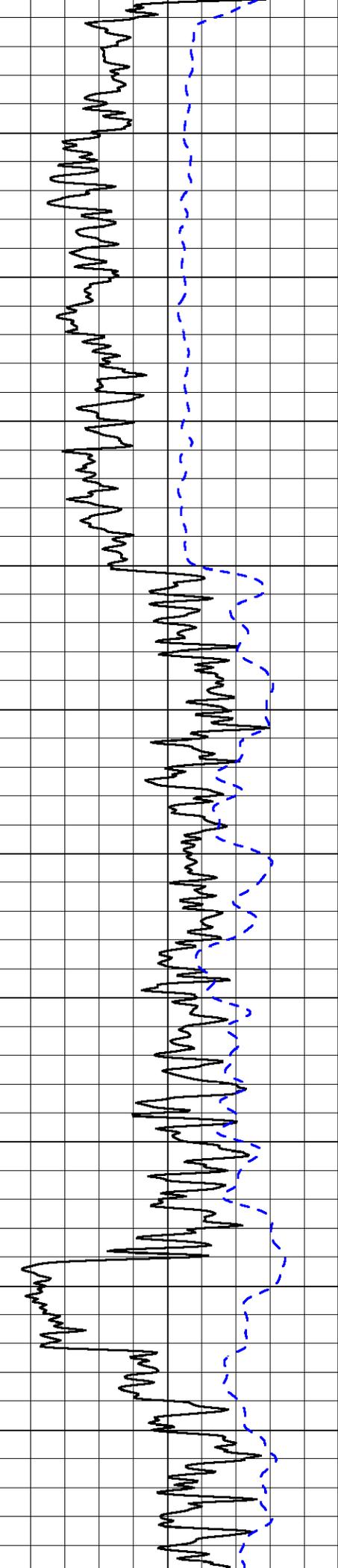
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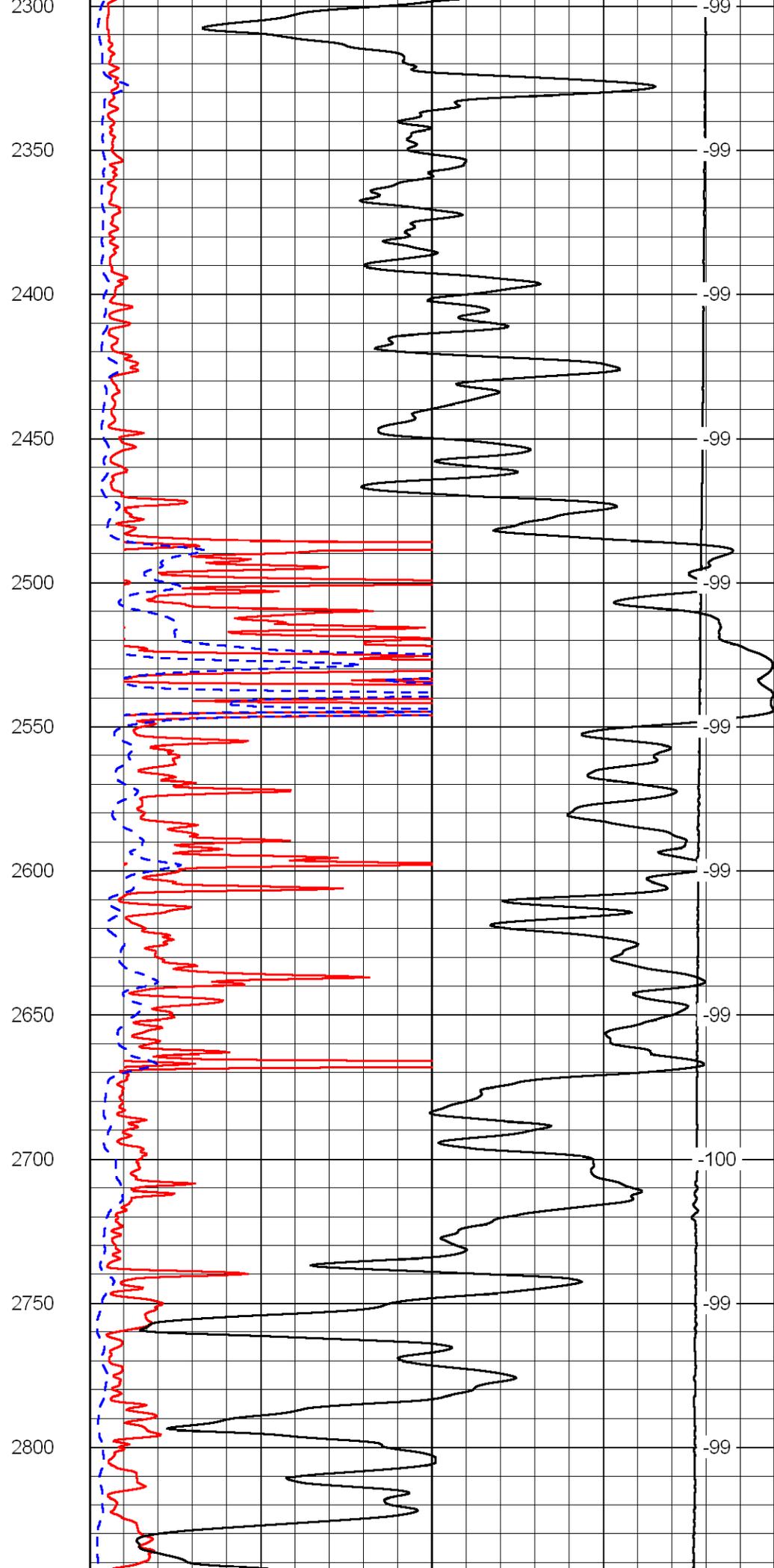
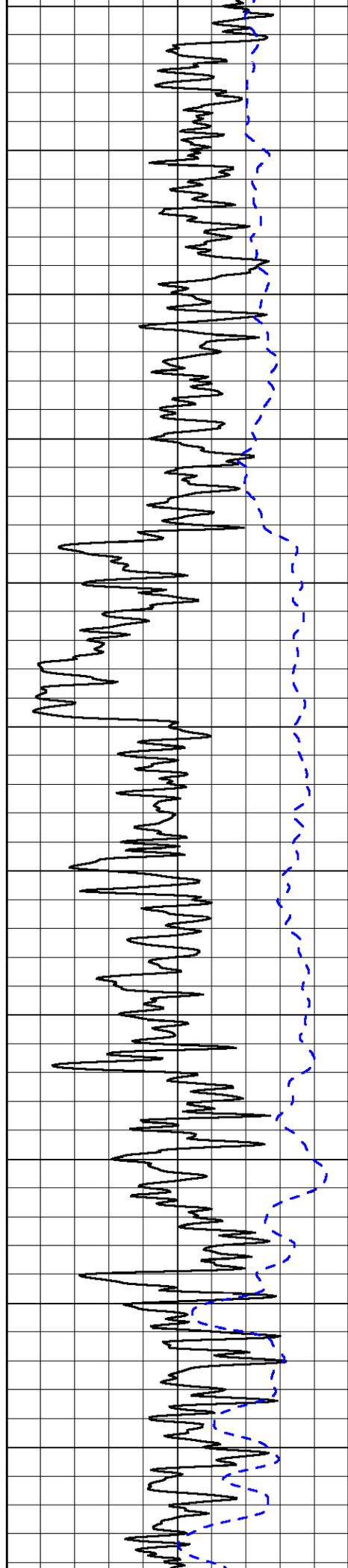
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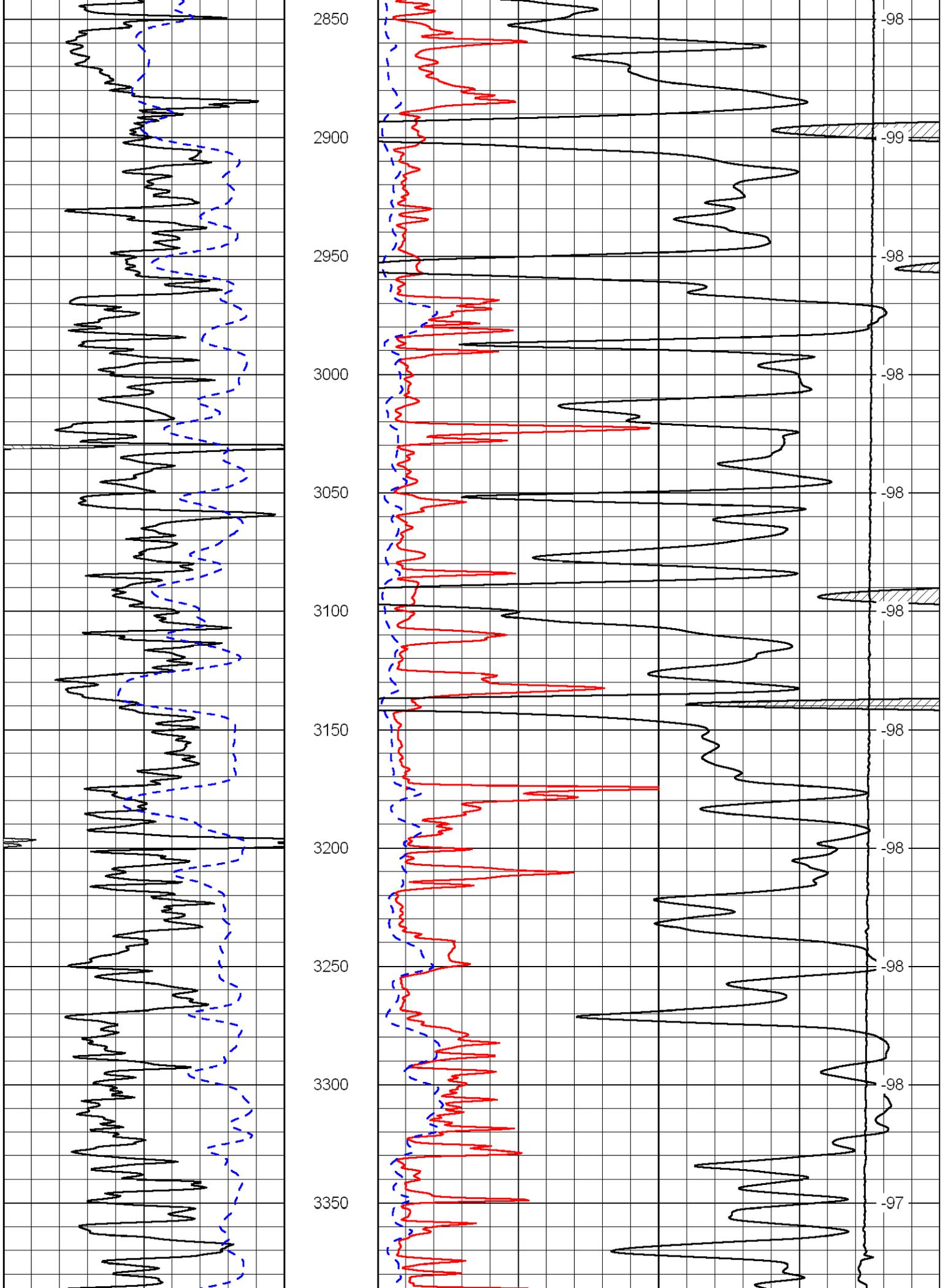
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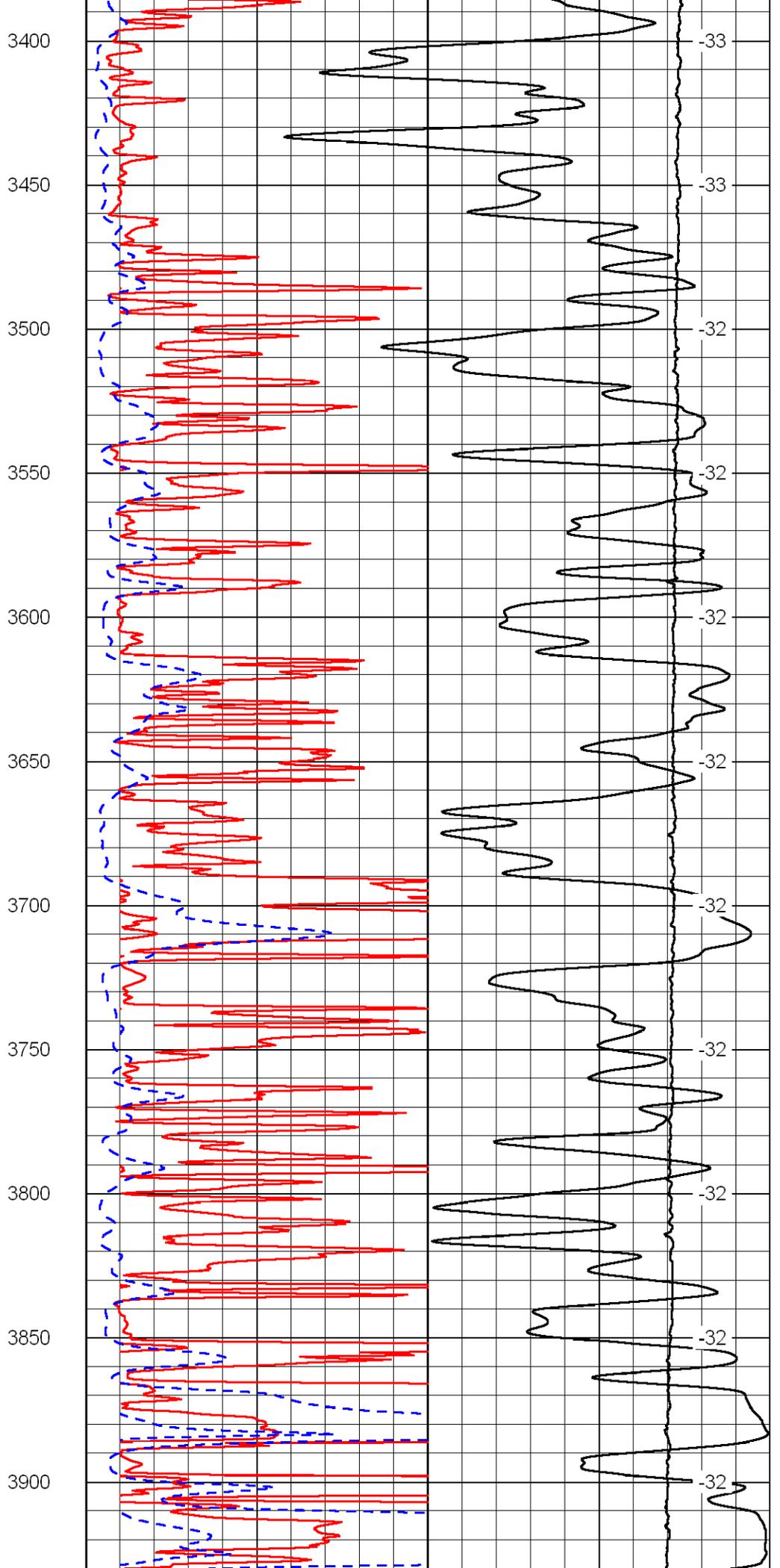
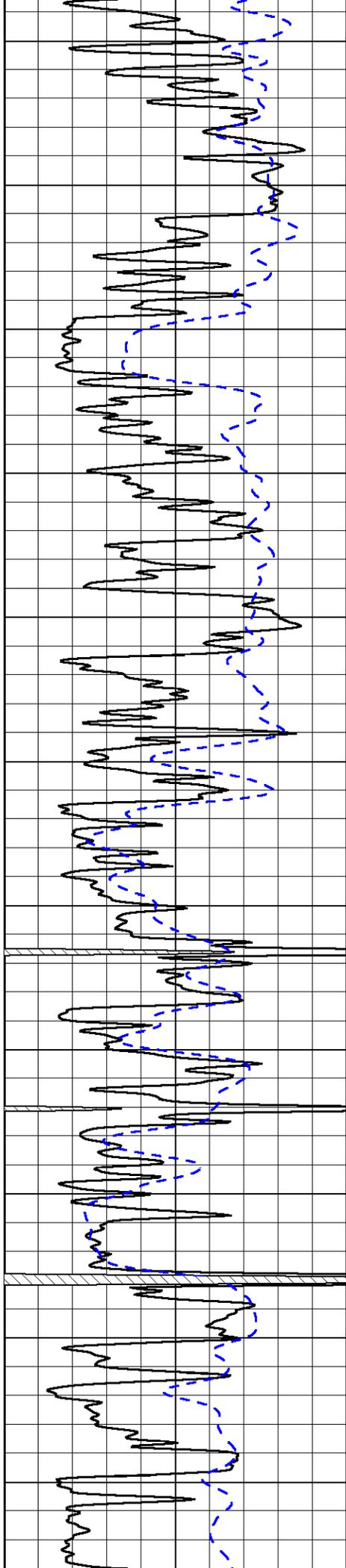
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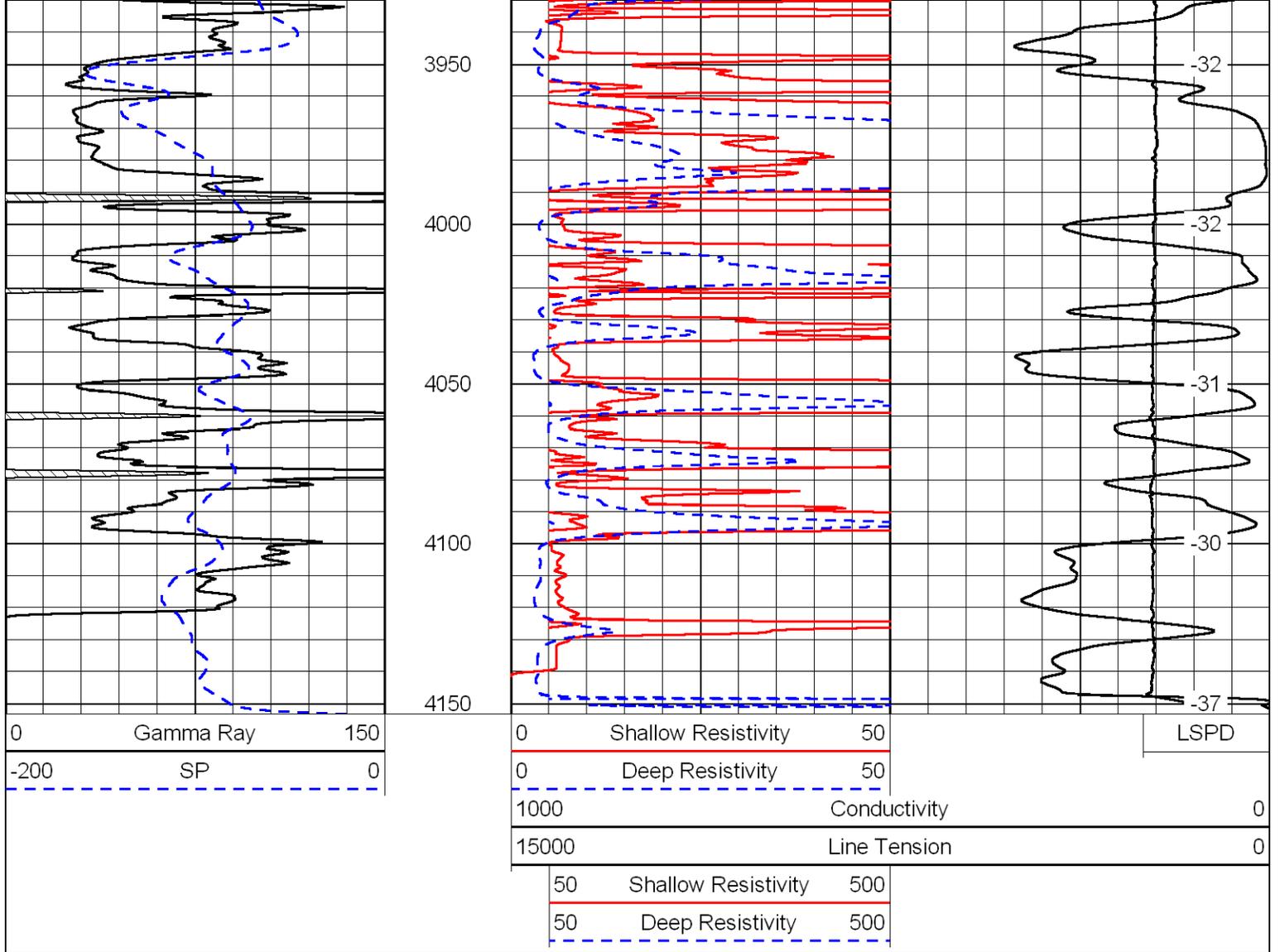
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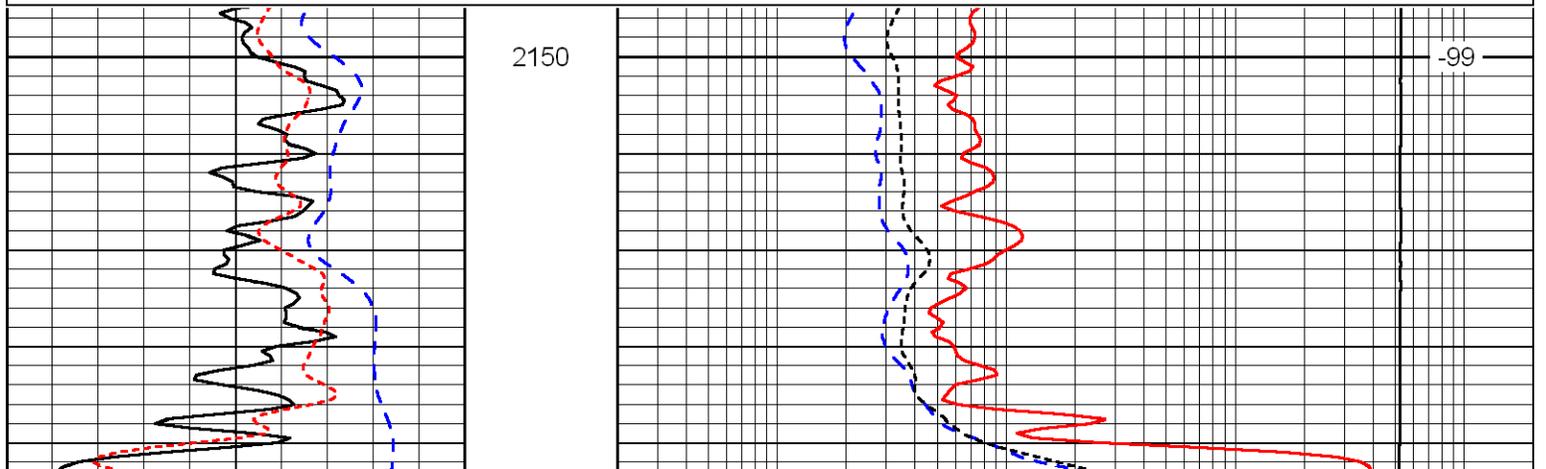
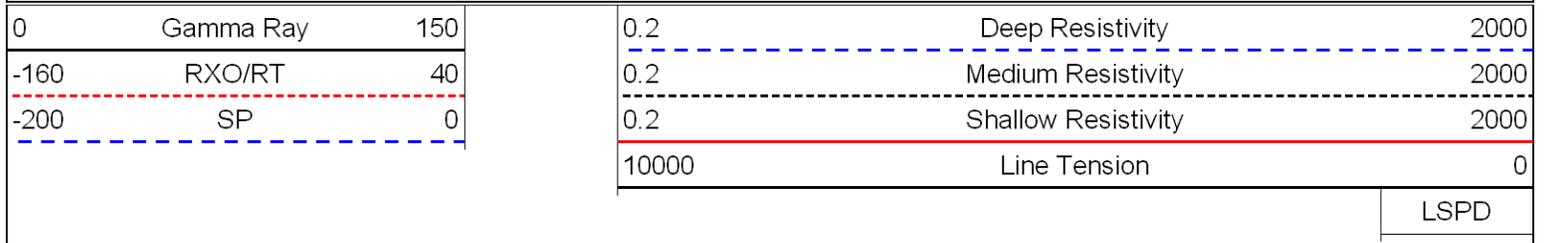


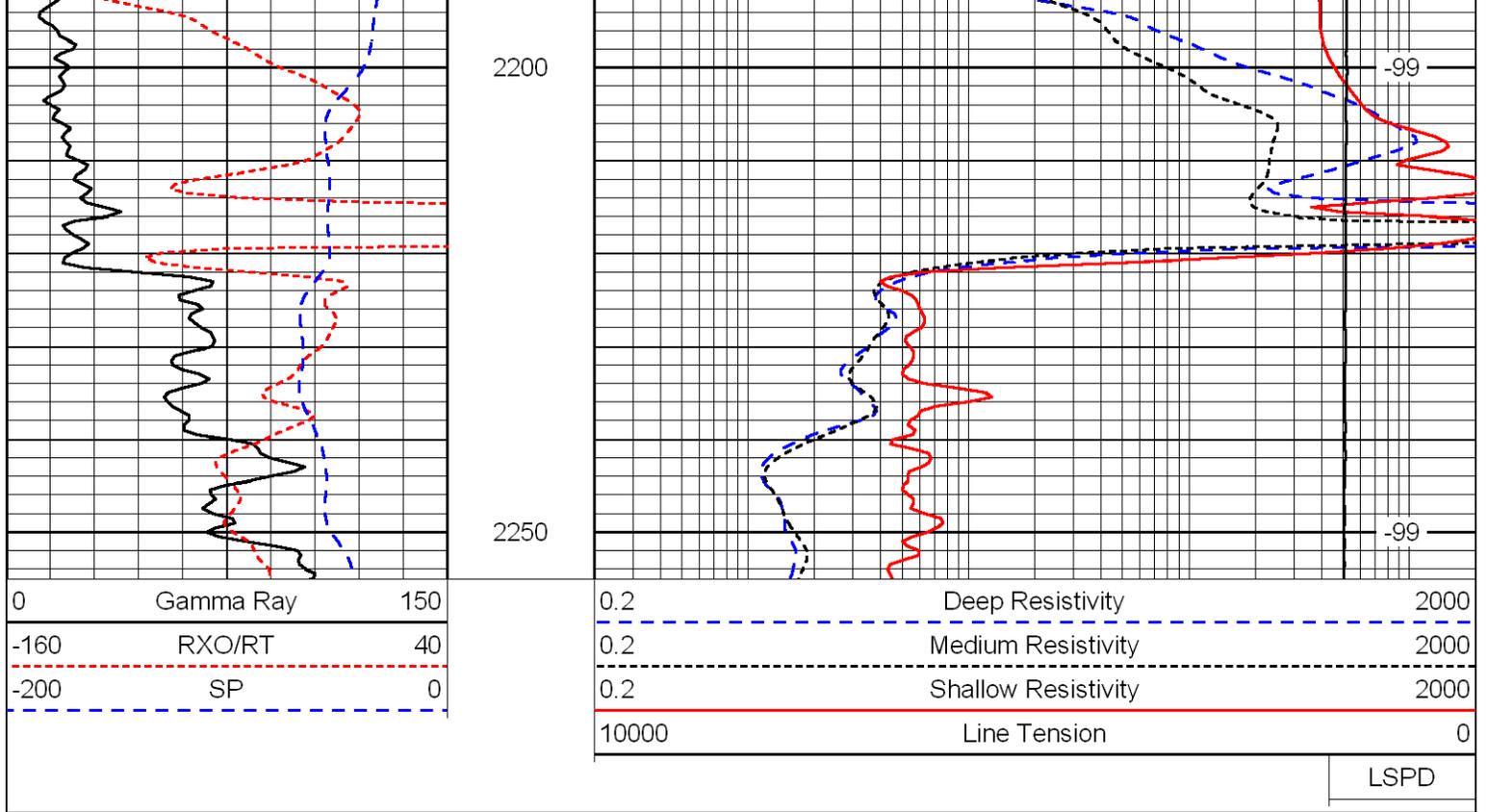




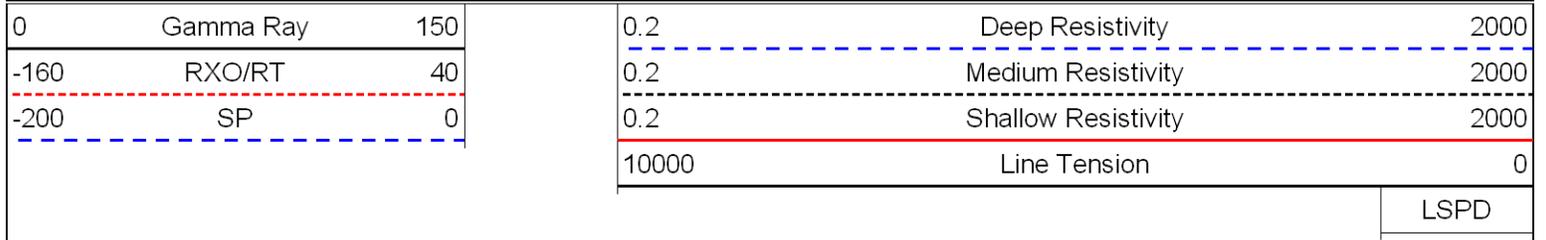


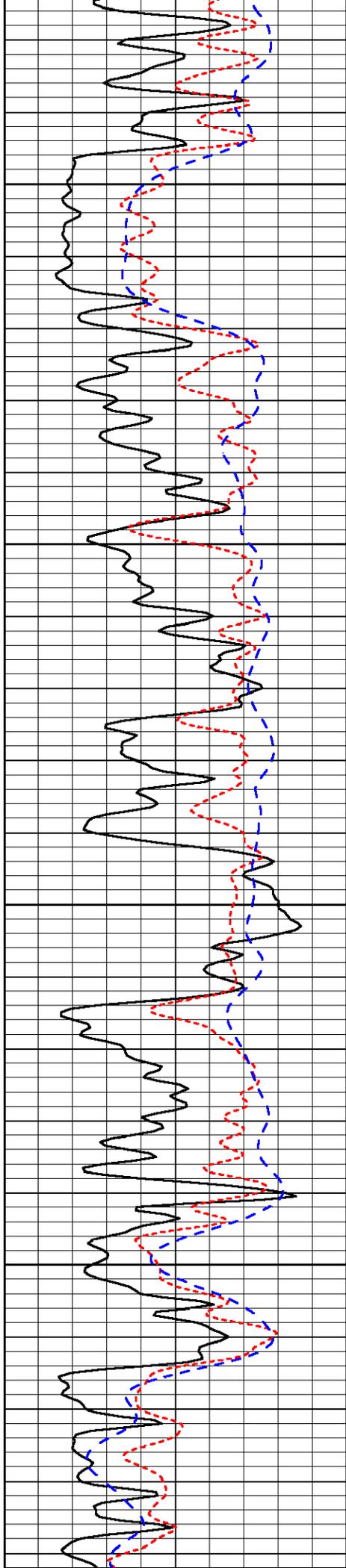
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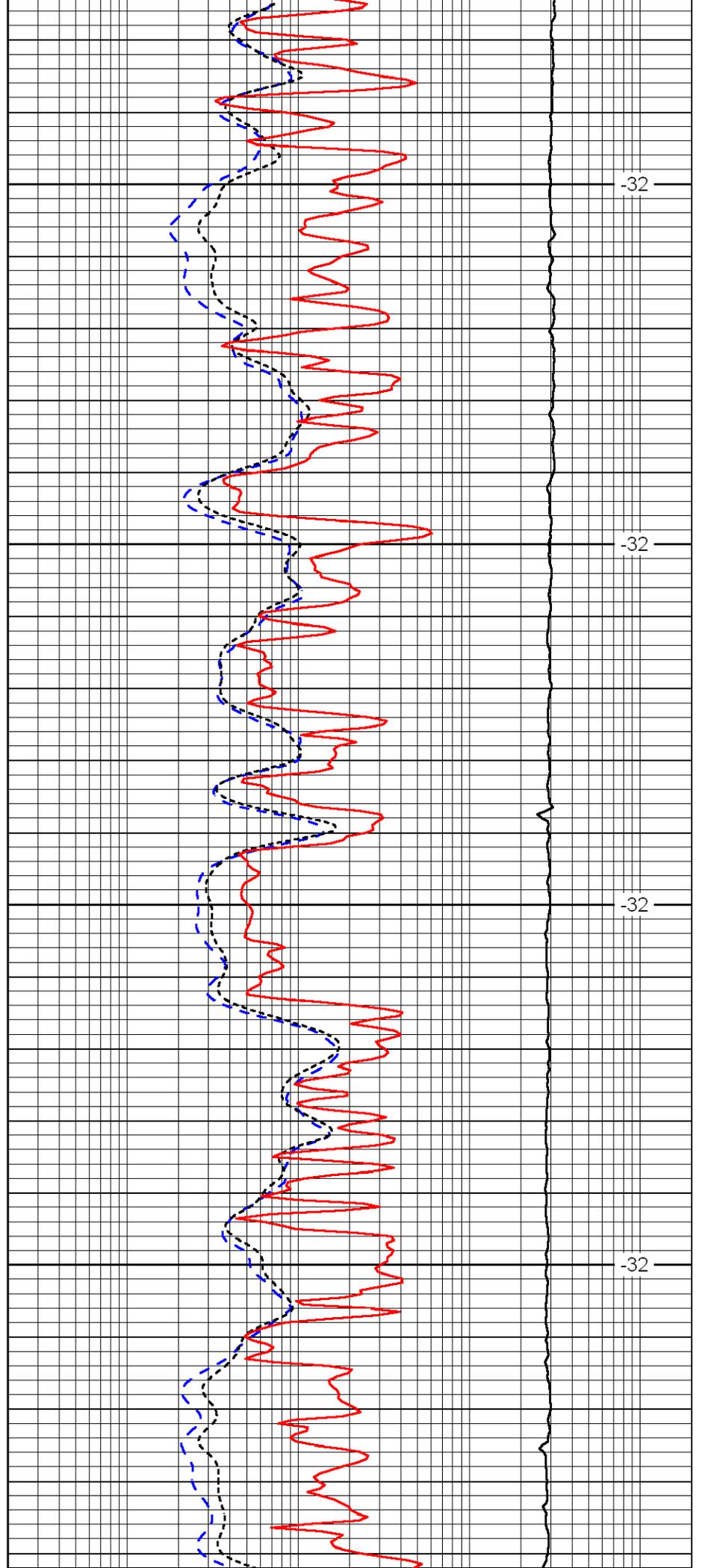


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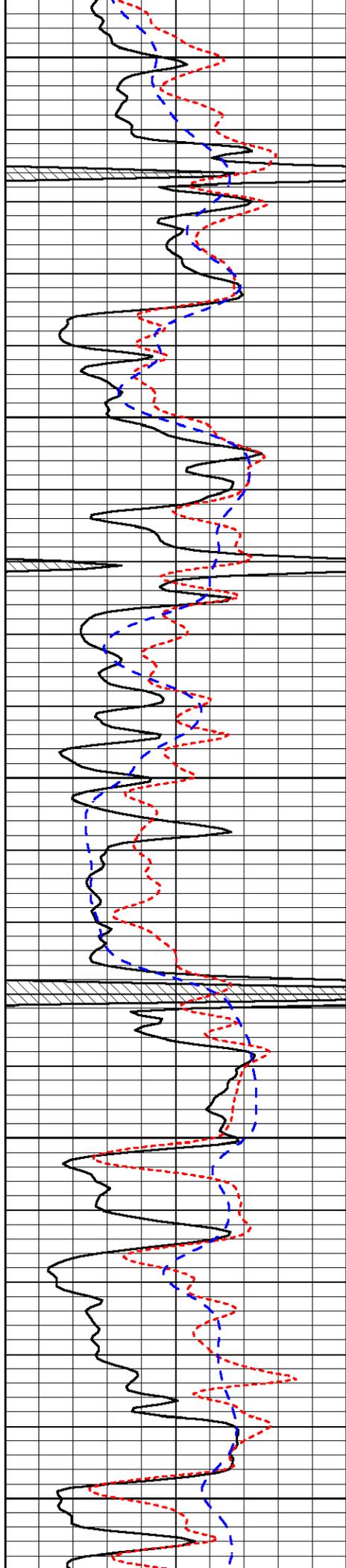


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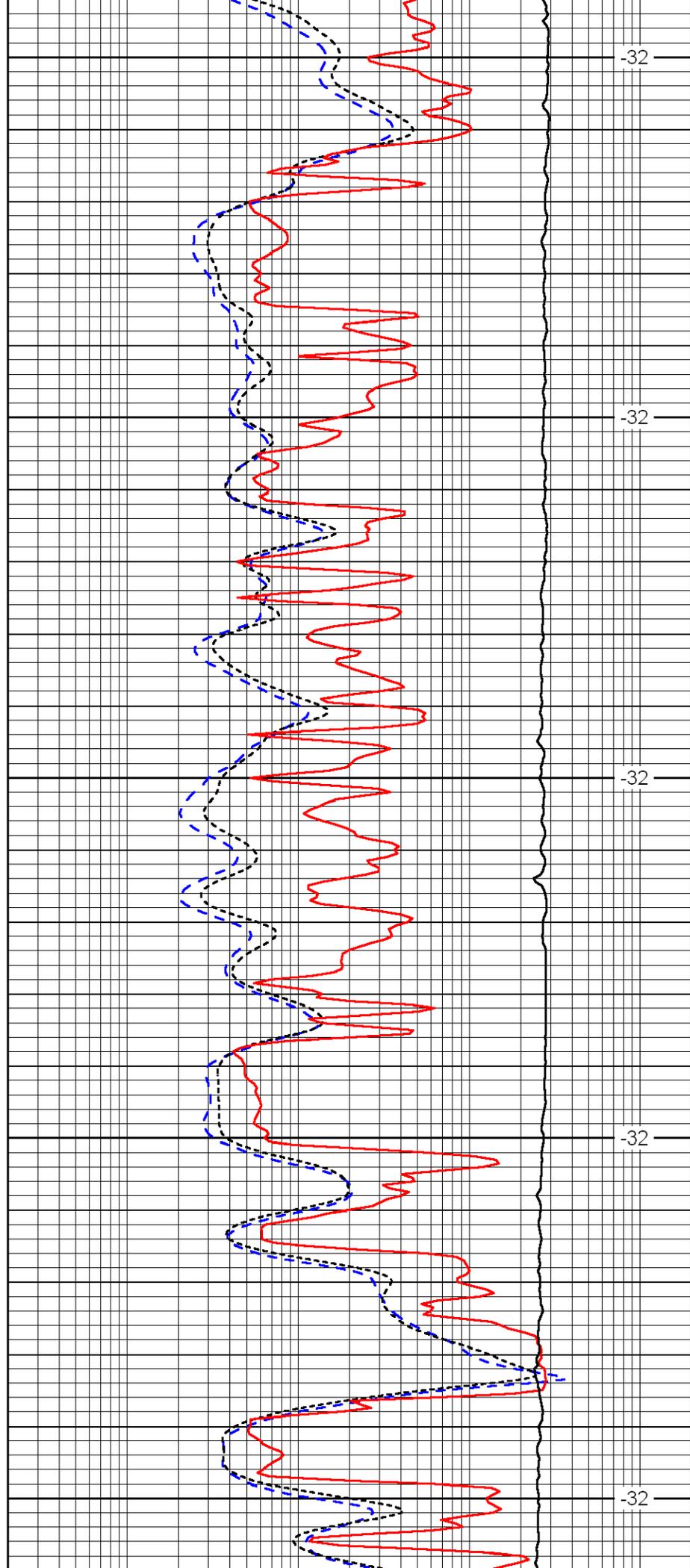
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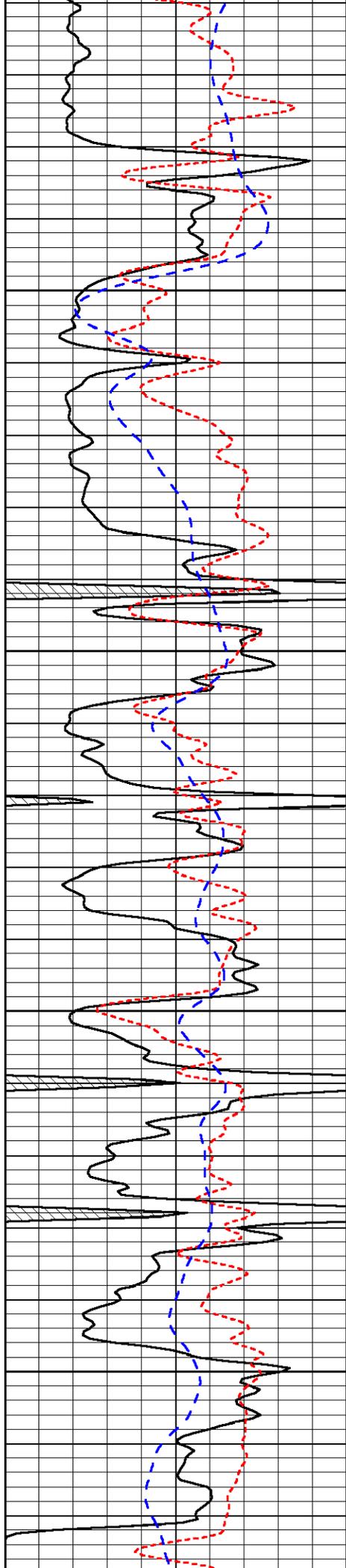
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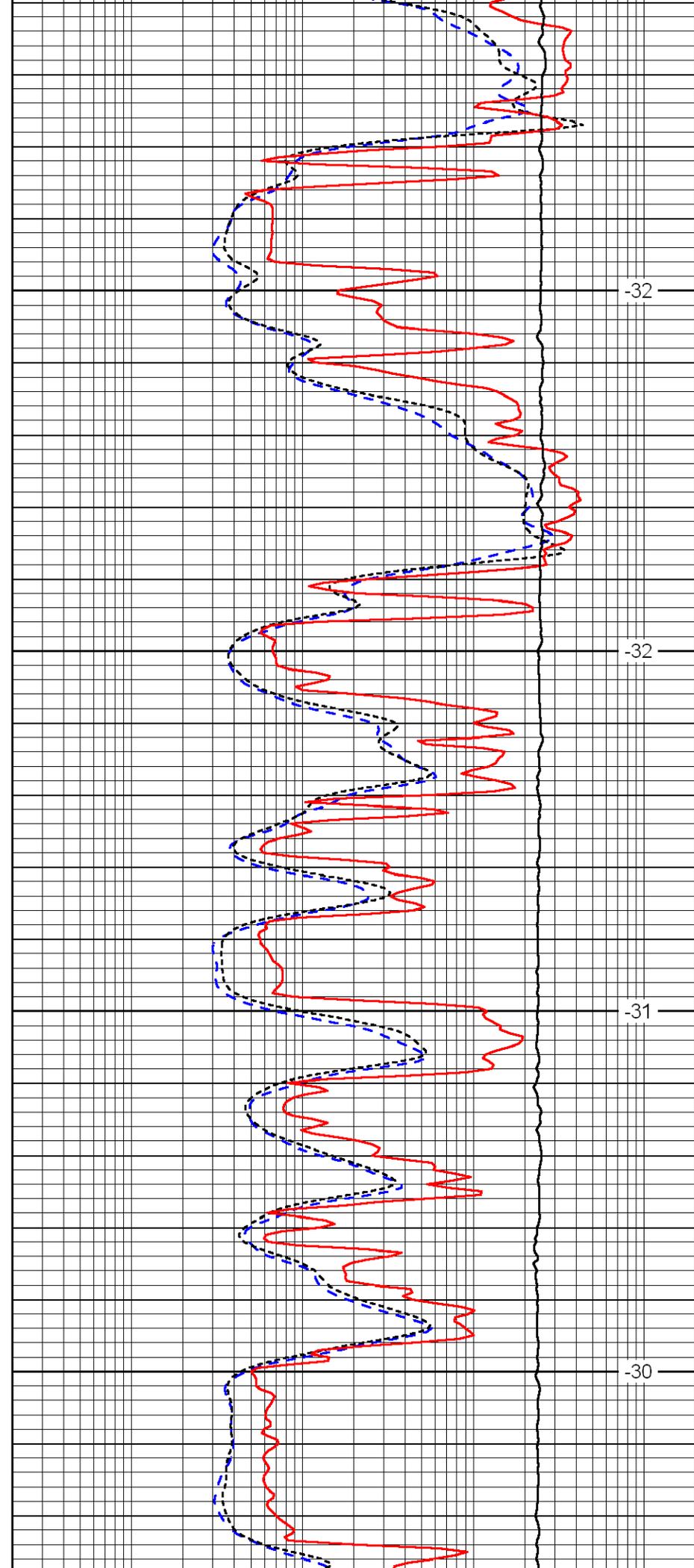


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4000

4050

4100

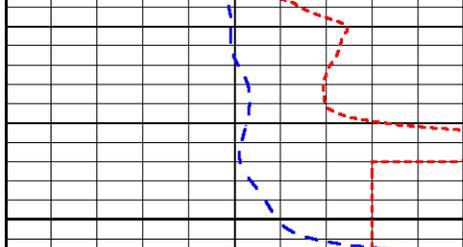


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-31

-30



4150

0	Gamma Ray	150
-160	RXO/RT	40
-200	SP	0



-37

0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
10000	Line Tension	0

LSPD