



Dual Induction Log

Pioneer Energy Services

API No.	Company McCoy Petroleum Corporation		
	Well Hill "A" #3-23		
	Field Alford		
	County Kiowa	State	Kansas
	Location	660' FSL & 660' FWL	
	Sec: 23	Twp: 30S	Rge: 19W
	Permanent Datum	Ground Level	Elevation 2230
	Log Measured From	Kelly Bushing	11 Ft. Above Perm. Datum
	Drilling Measured From	Kelly Bushing	K.B. 2241 D.F. 2230 G.L. 2230
Date	6/11/2013		
Run Number	One		
Depth Driller	5200		
Depth Logger	5203		
Bottom Logged Interval	5202		
Top Log Interval	600		
Casing Driller	8.625 @ 635		
Casing Logger	632		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	7400		
Density / Viscosity	9.2	57	
pH / Fluid Loss	10.0	12.8	
Source of Sample	Flowline		
Rm @ Meas. Temp	0.12 @ 88		
Rmf @ Meas. Temp	0.09 @ 88		
Rmc @ Meas. Temp	0.16 @ 88		
Source of Rmf / Rmc	Charts		
Rm @ BHT	0.08 @ 128		
Operating Rig Time	4 1/2 Hours		
Max Rec. Temp. F	128		
Equipment Number	15		
Location	Hays		
Recorded By	D. Kerr		
Witnessed By	Dave Williams		

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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

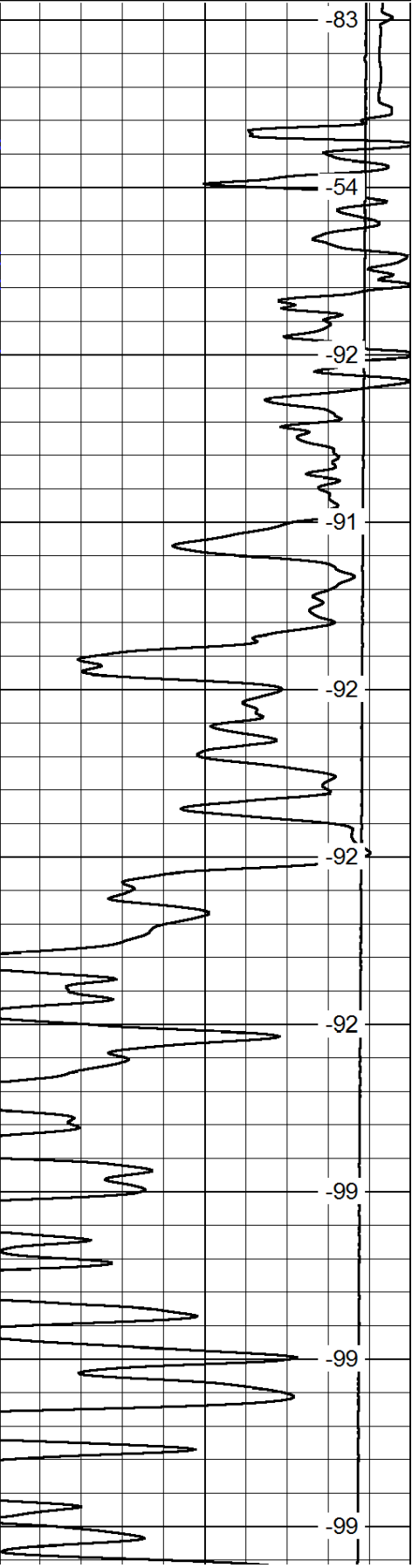
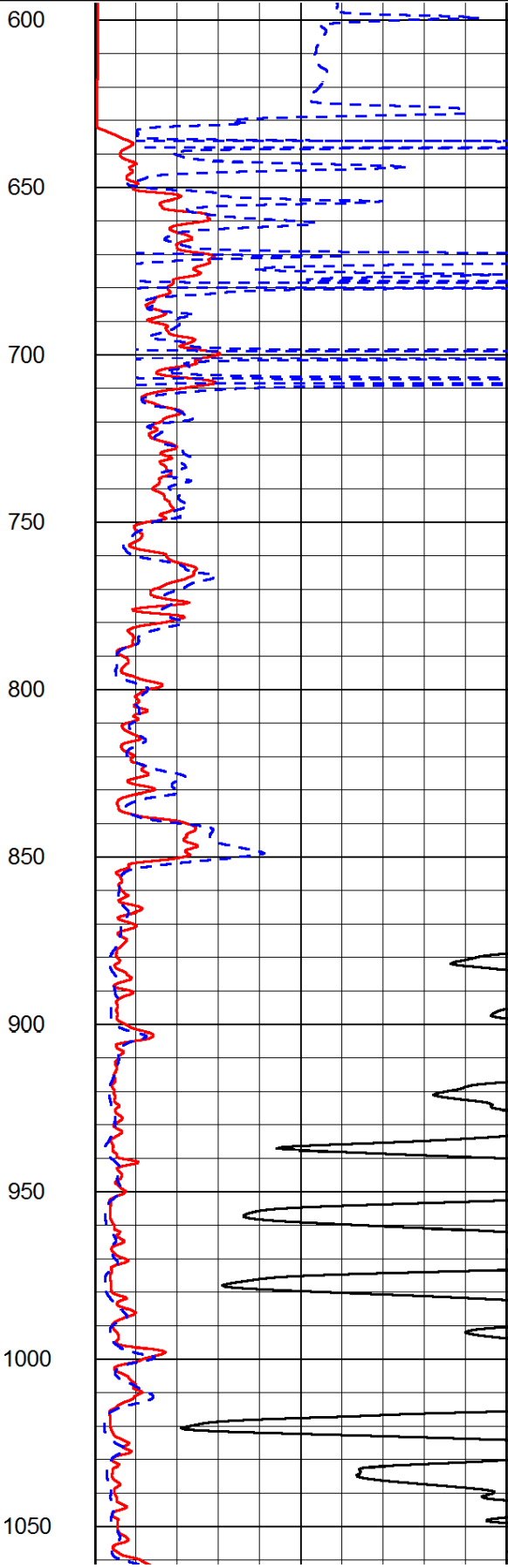
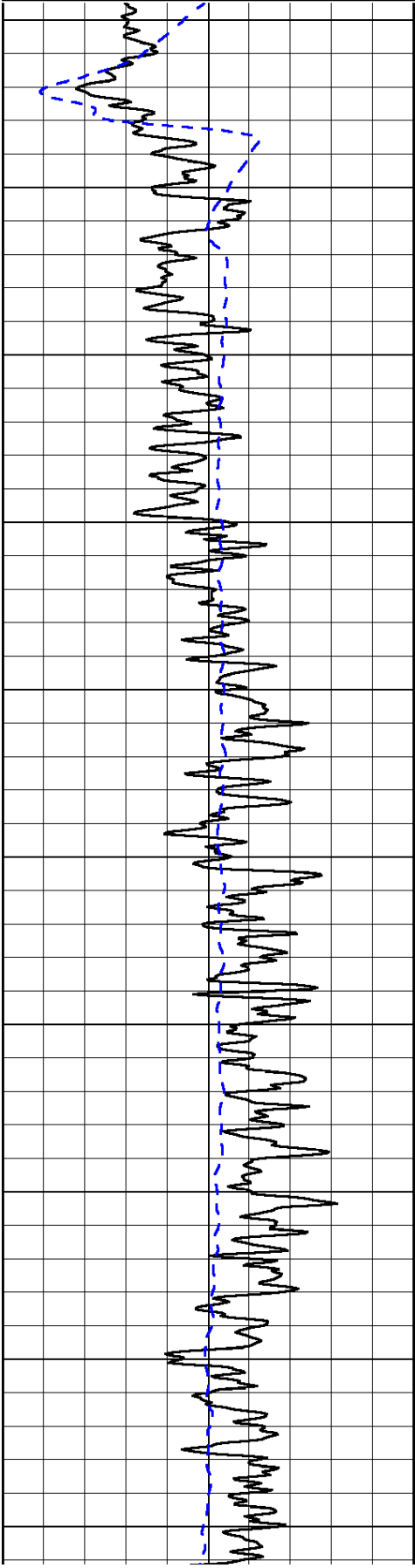
Greensburg KS, West to HWY 183, South to T RD,
3 West to 21st RD, 3 South East Into

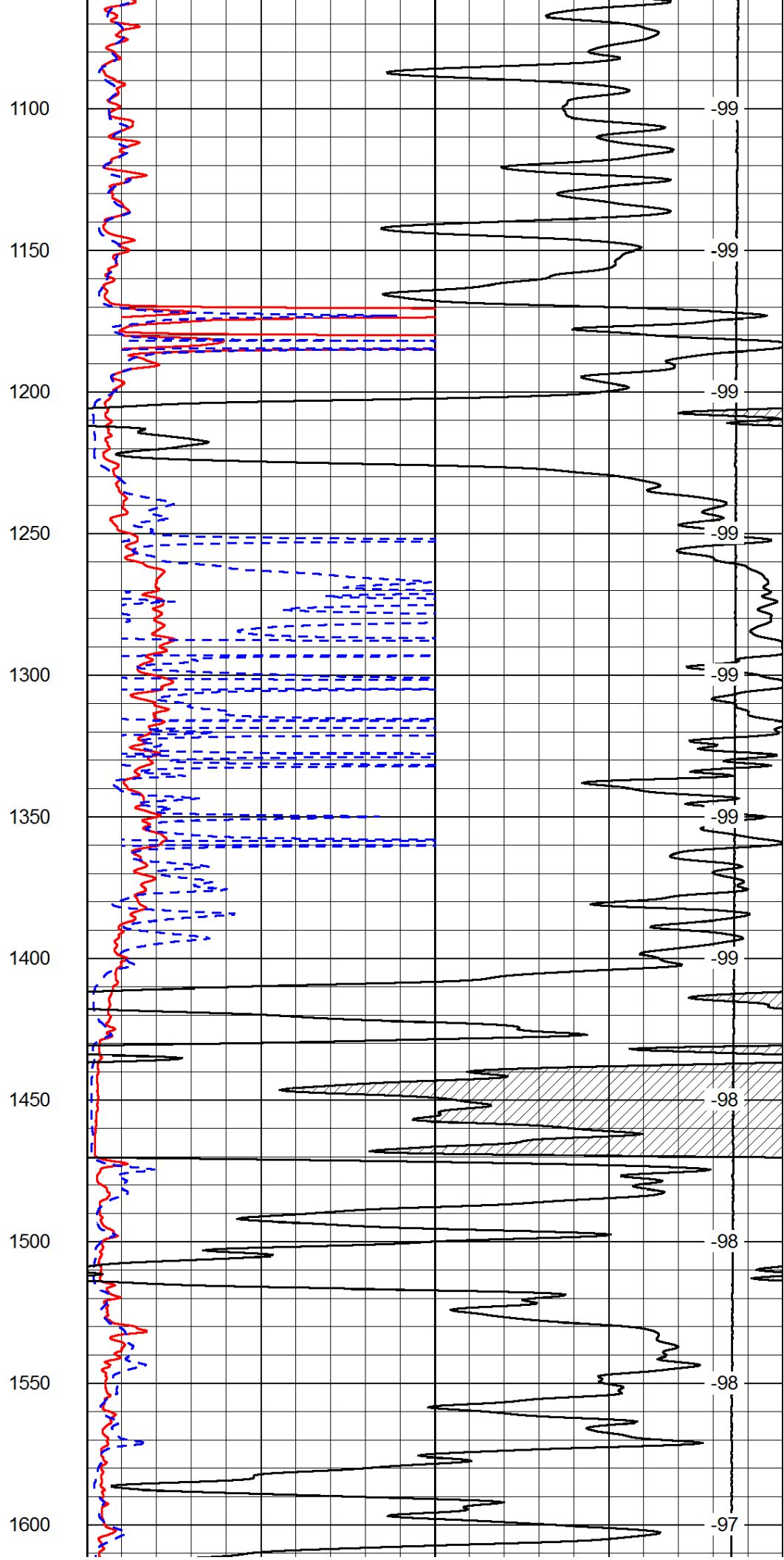
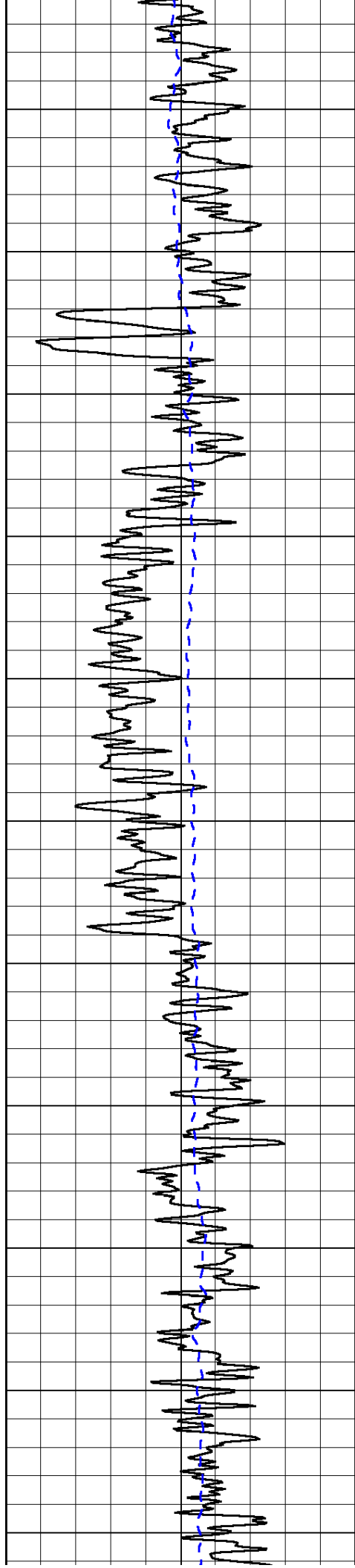
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Presentation Format: dil2in
Dataset Creation: Wed Jun 12 03:45:21 2013
Charted by: Depth in Feet scaled 1:600

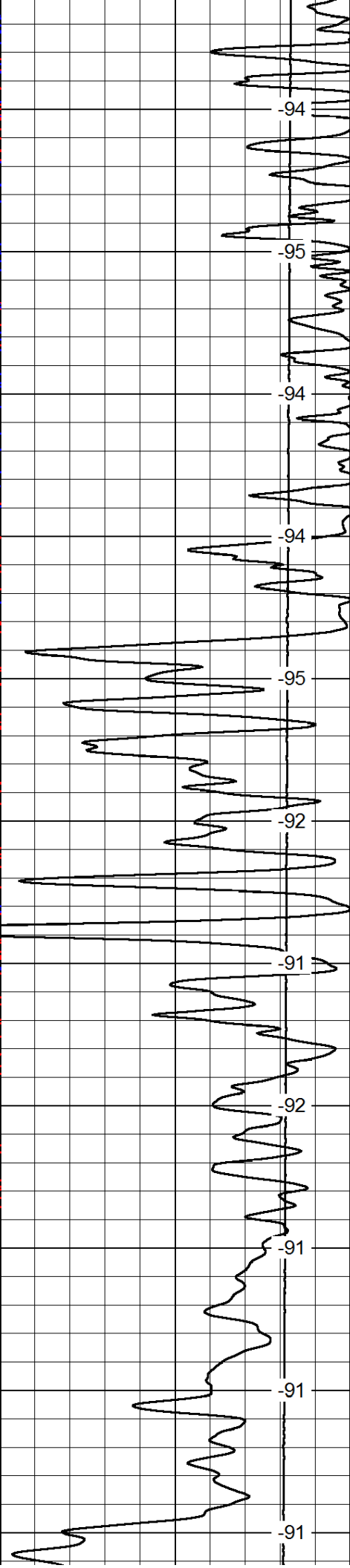
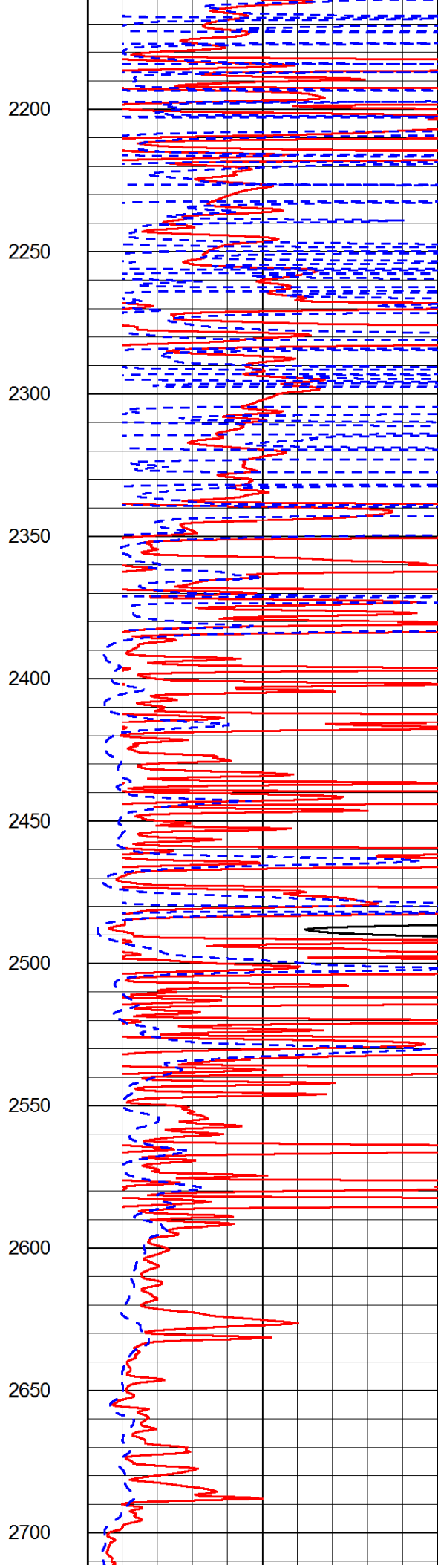
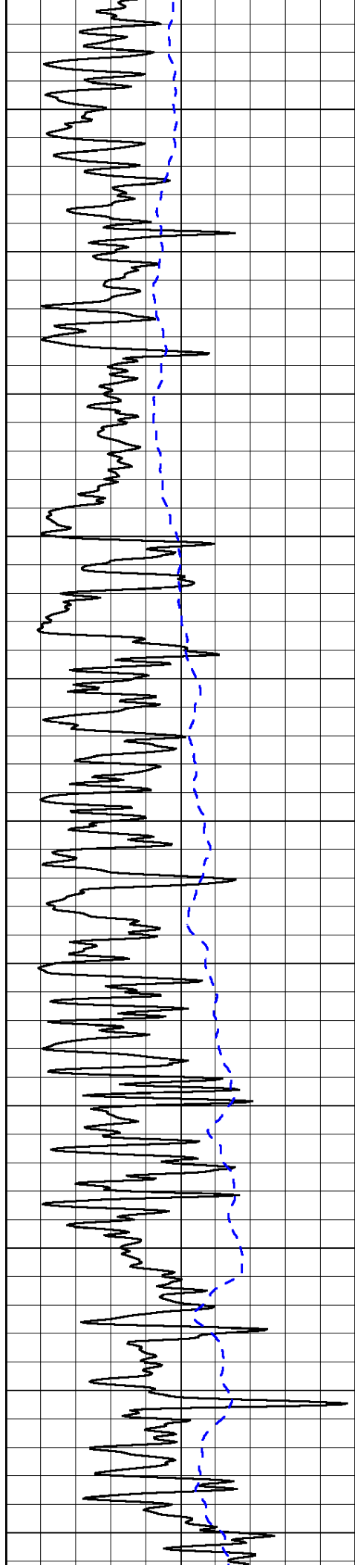
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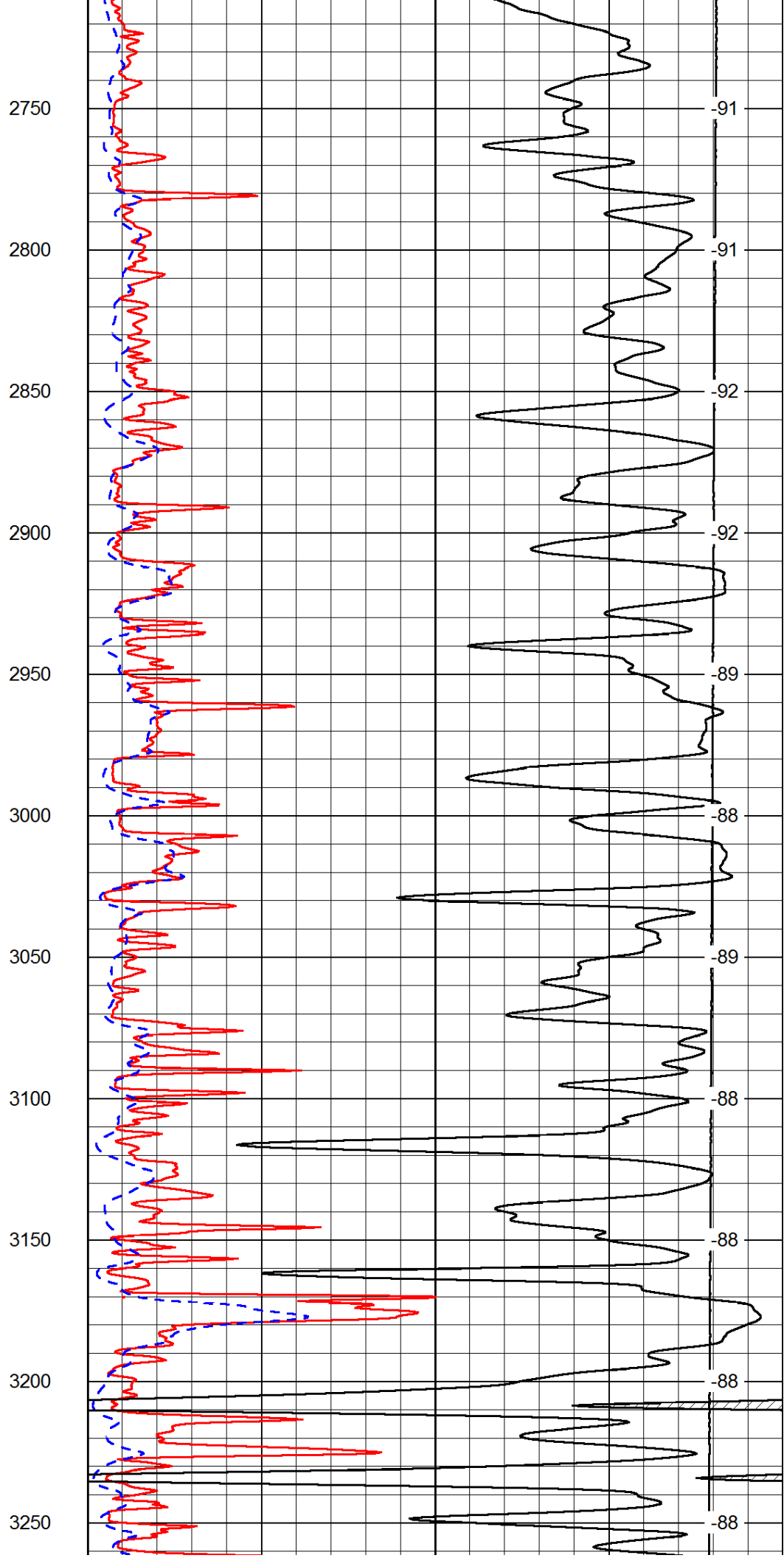
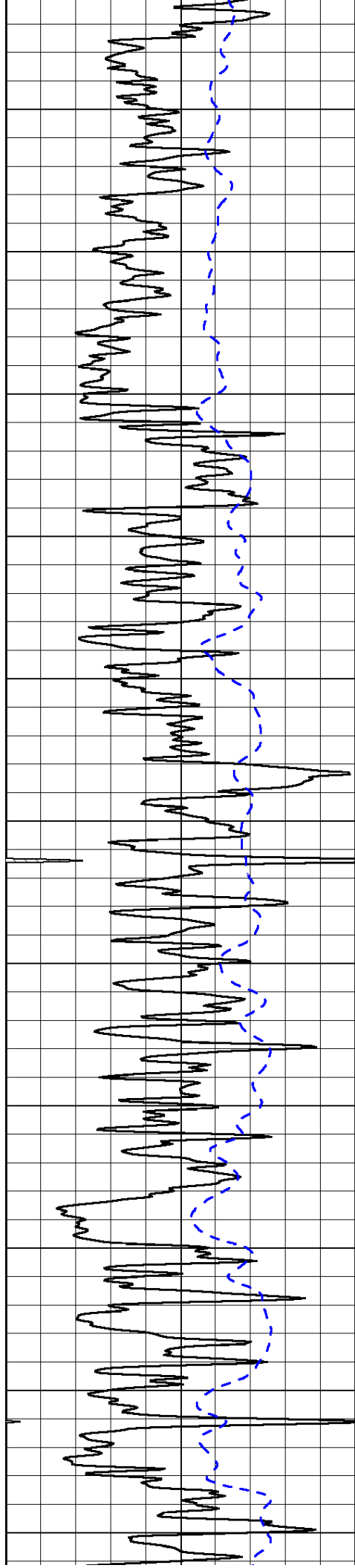
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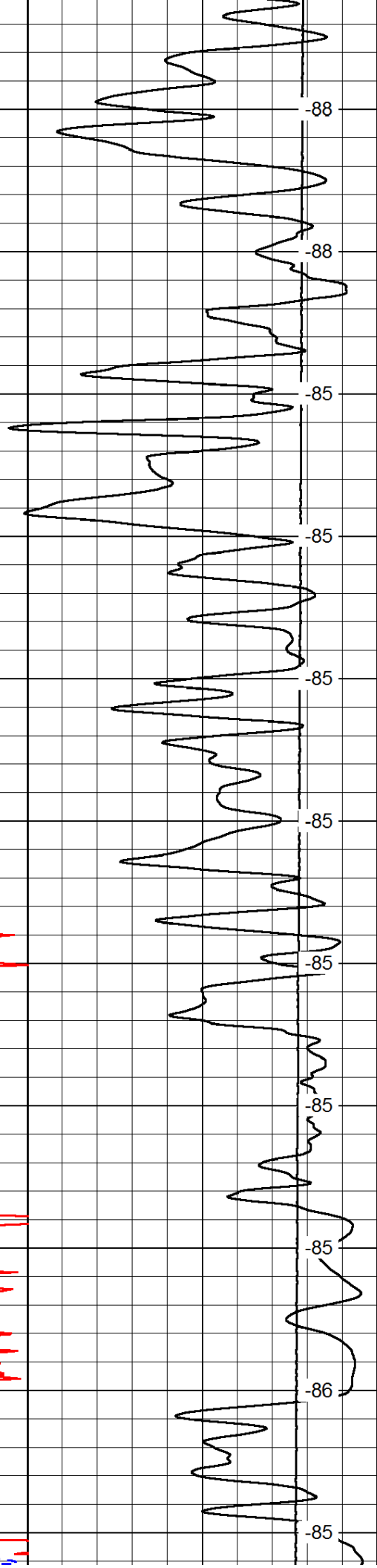
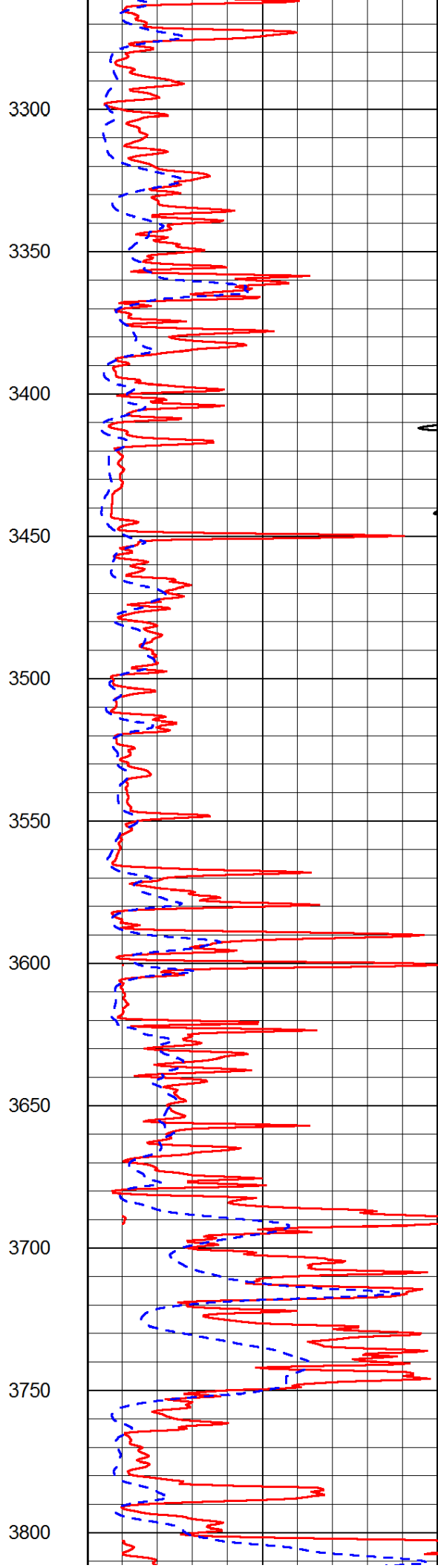
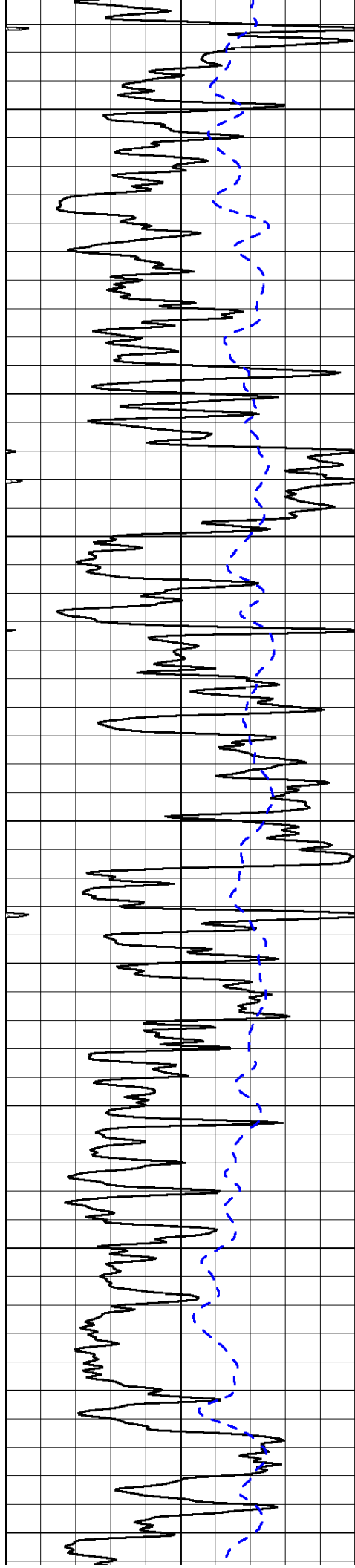
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1000	Conductivity		0
15000	Line Tension		0
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50	Deep Resistivity	500	

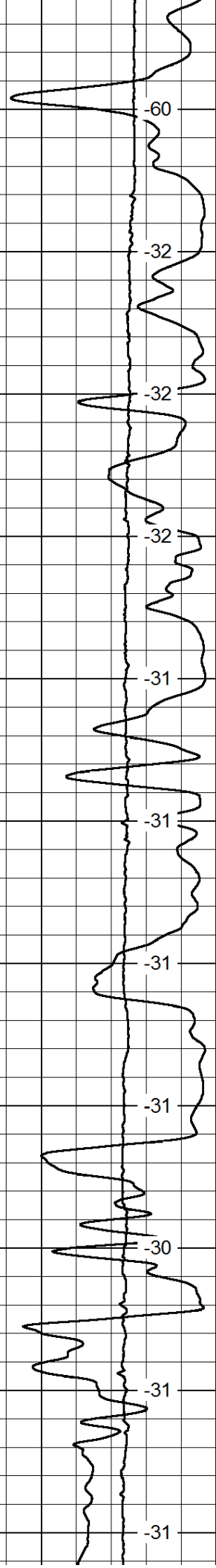
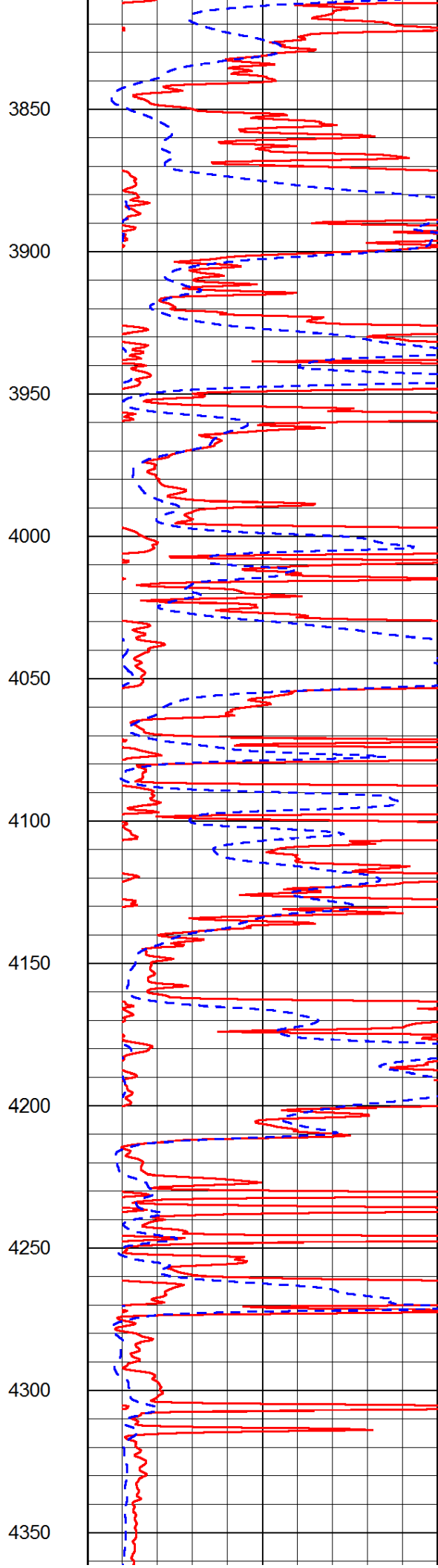
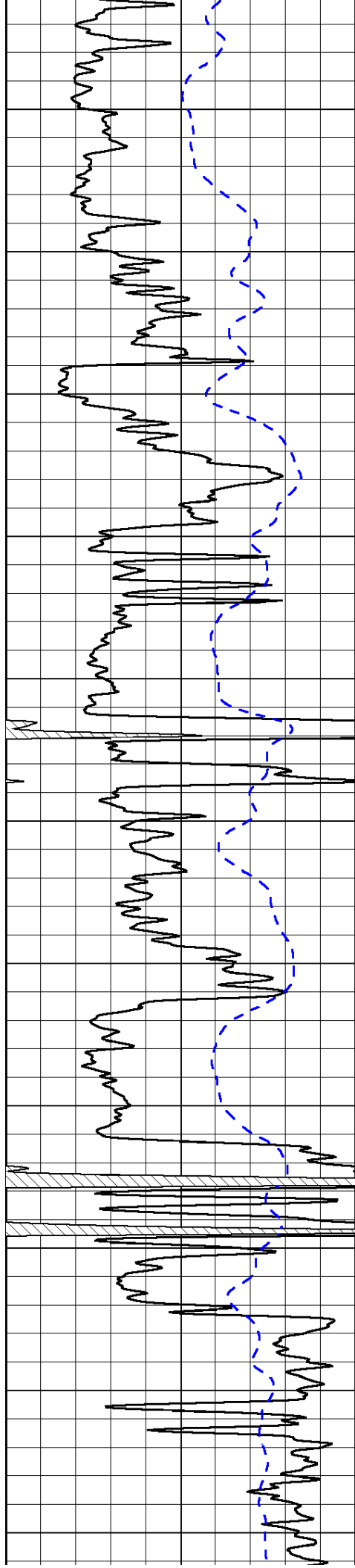


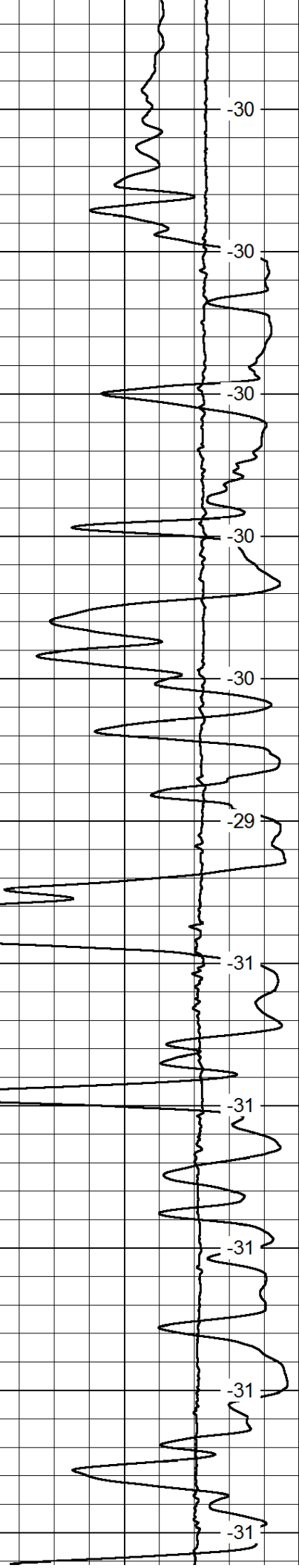
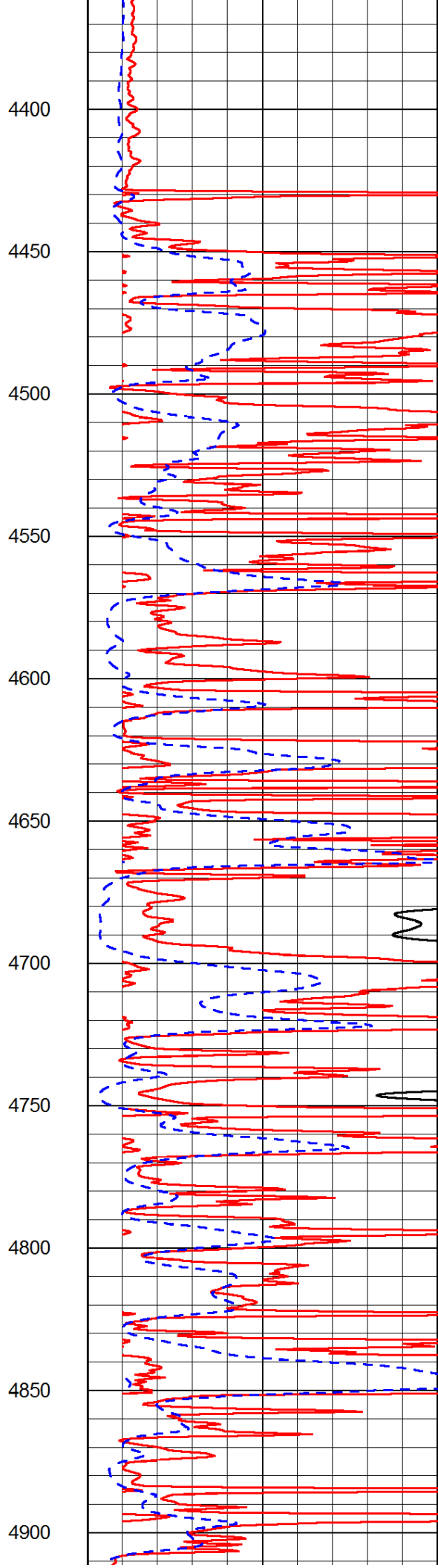
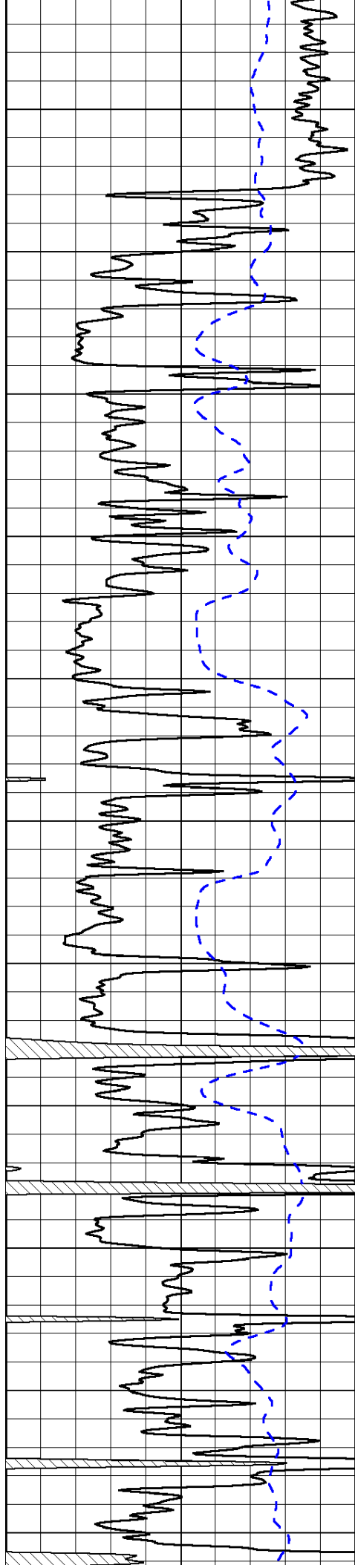


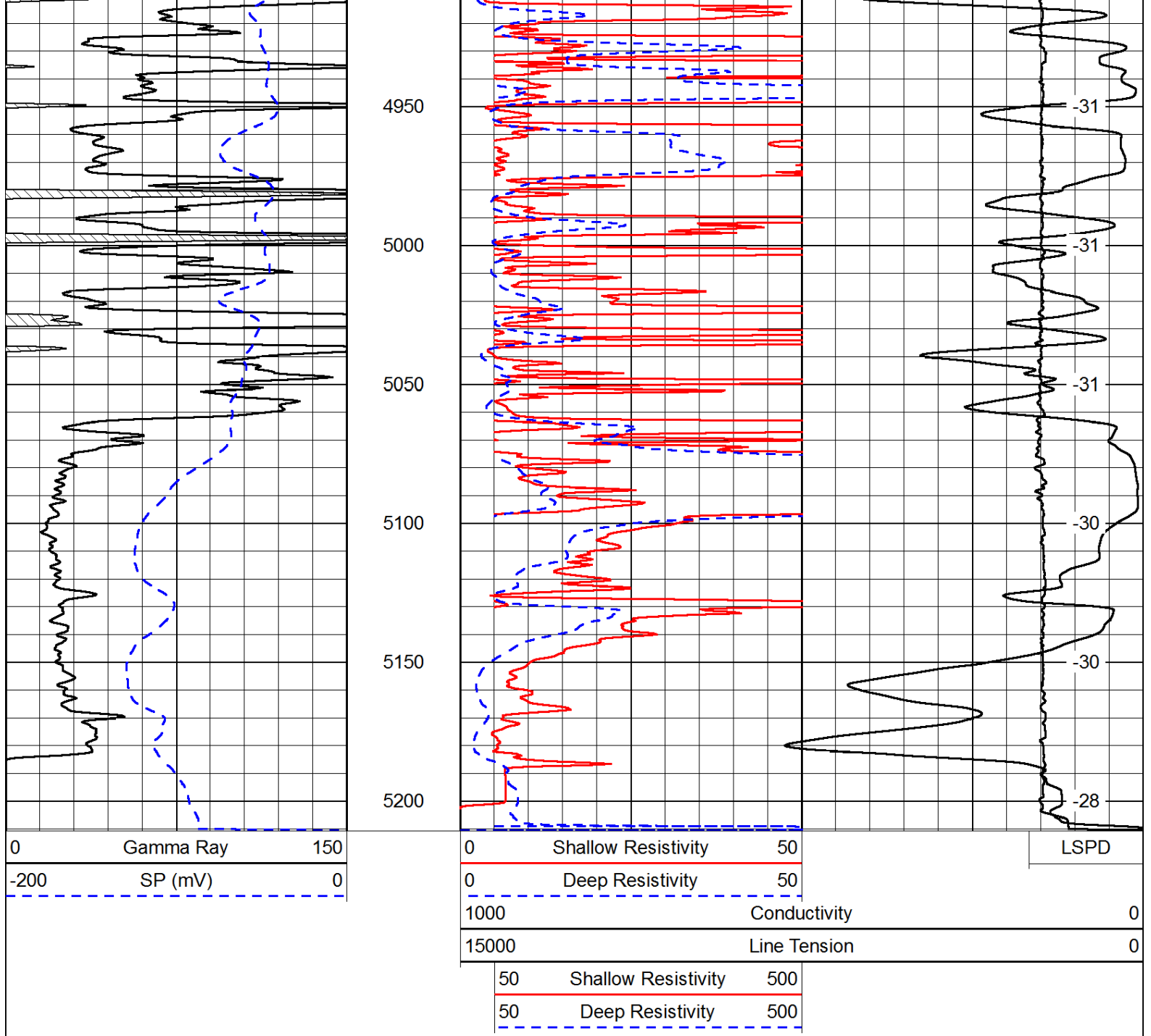




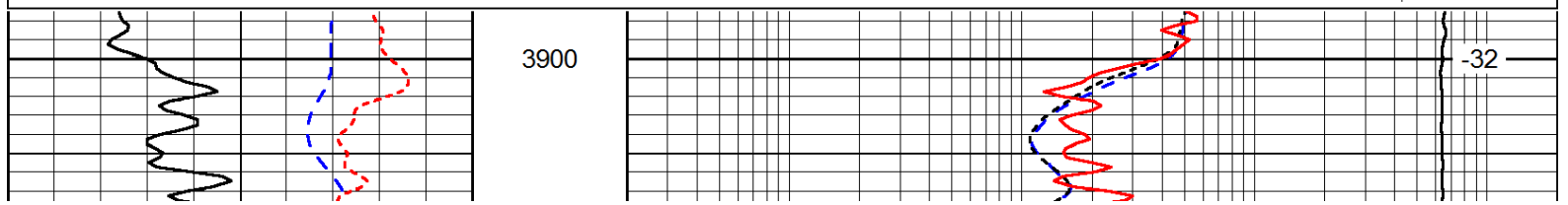
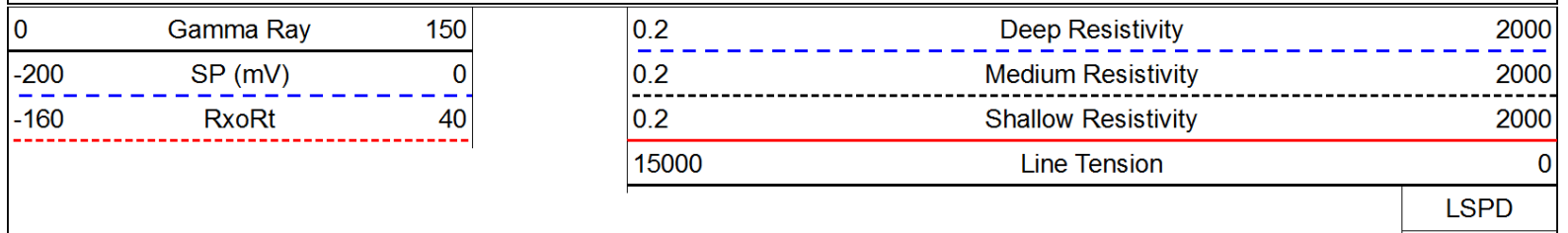


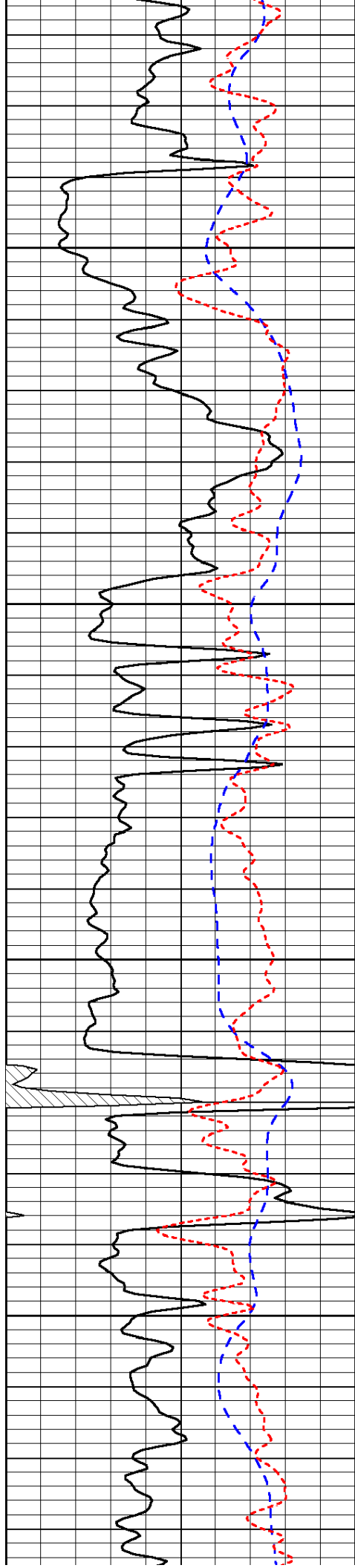






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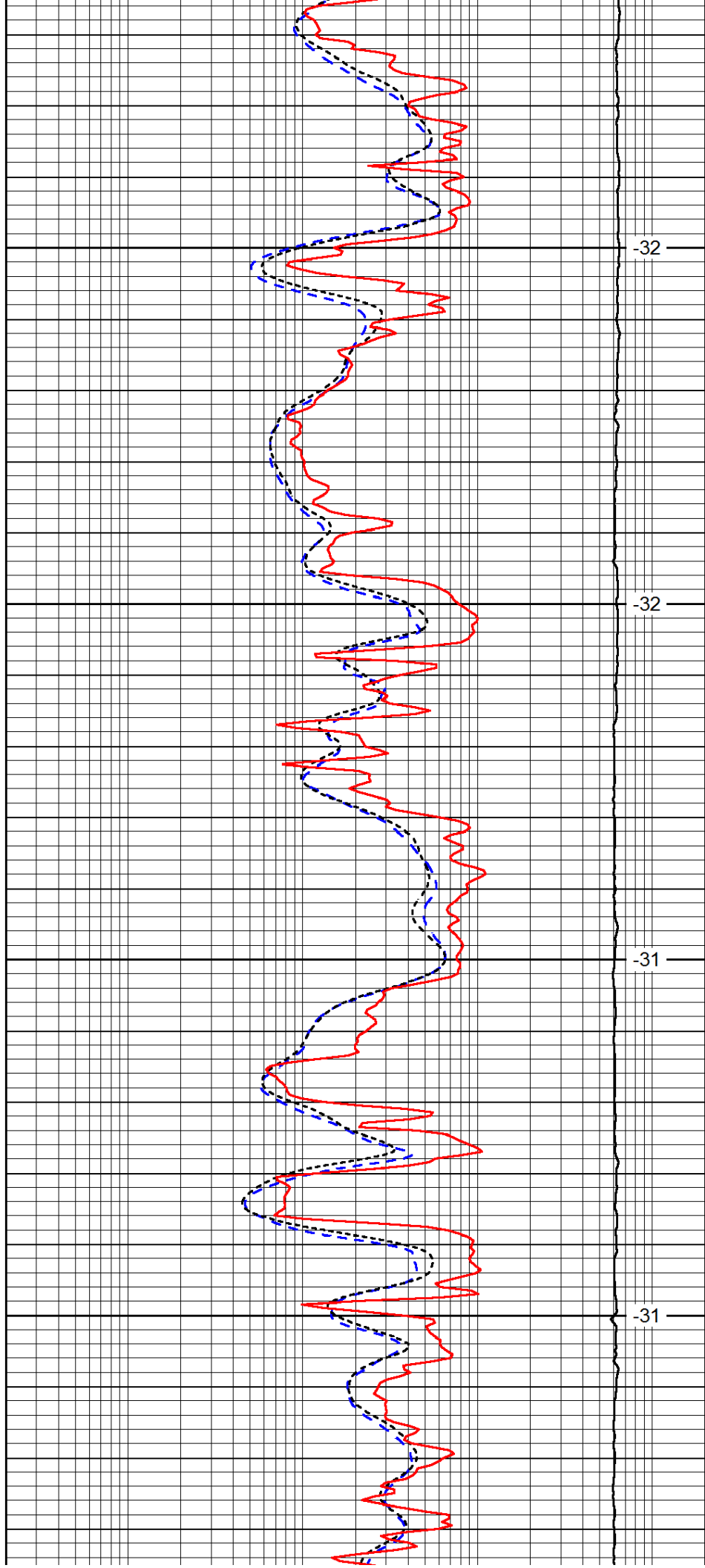


3950

4000

4050

4100

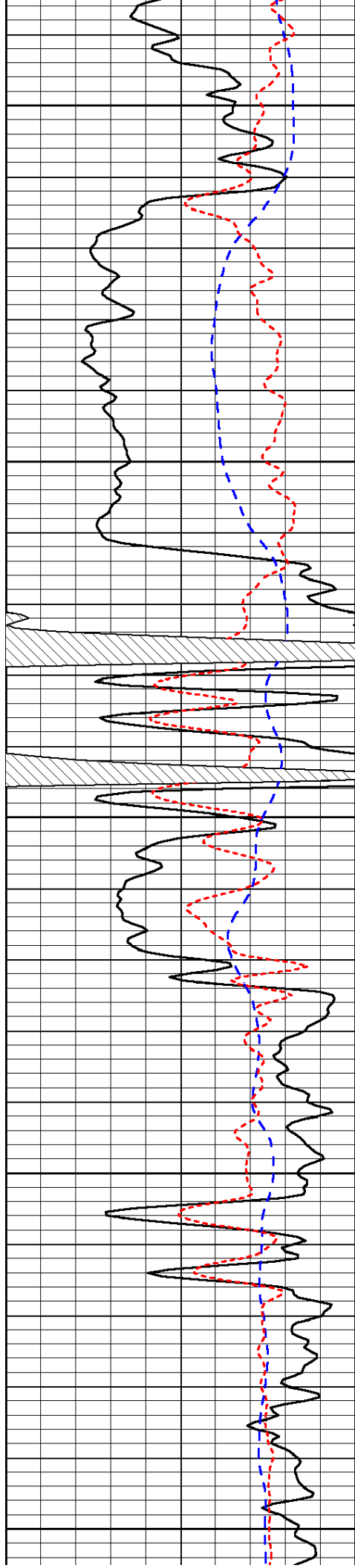


-32

-32

-31

-31



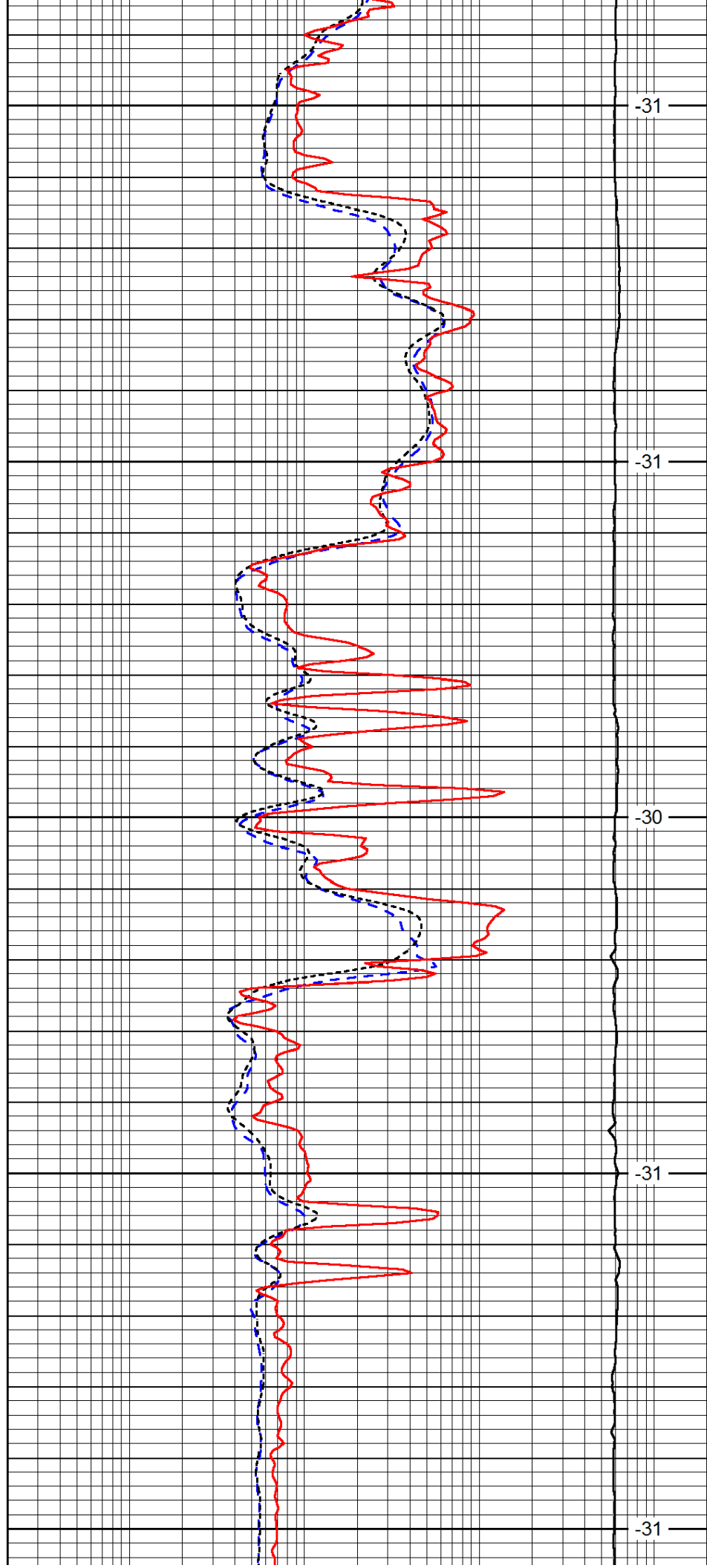
4150

4200

4250

4300

4350



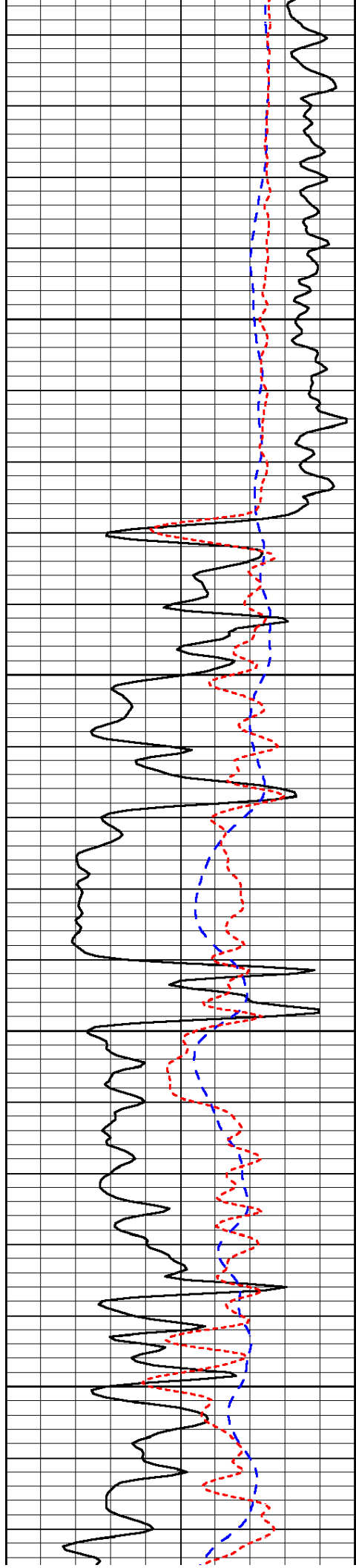
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-31

-30

-31

-31

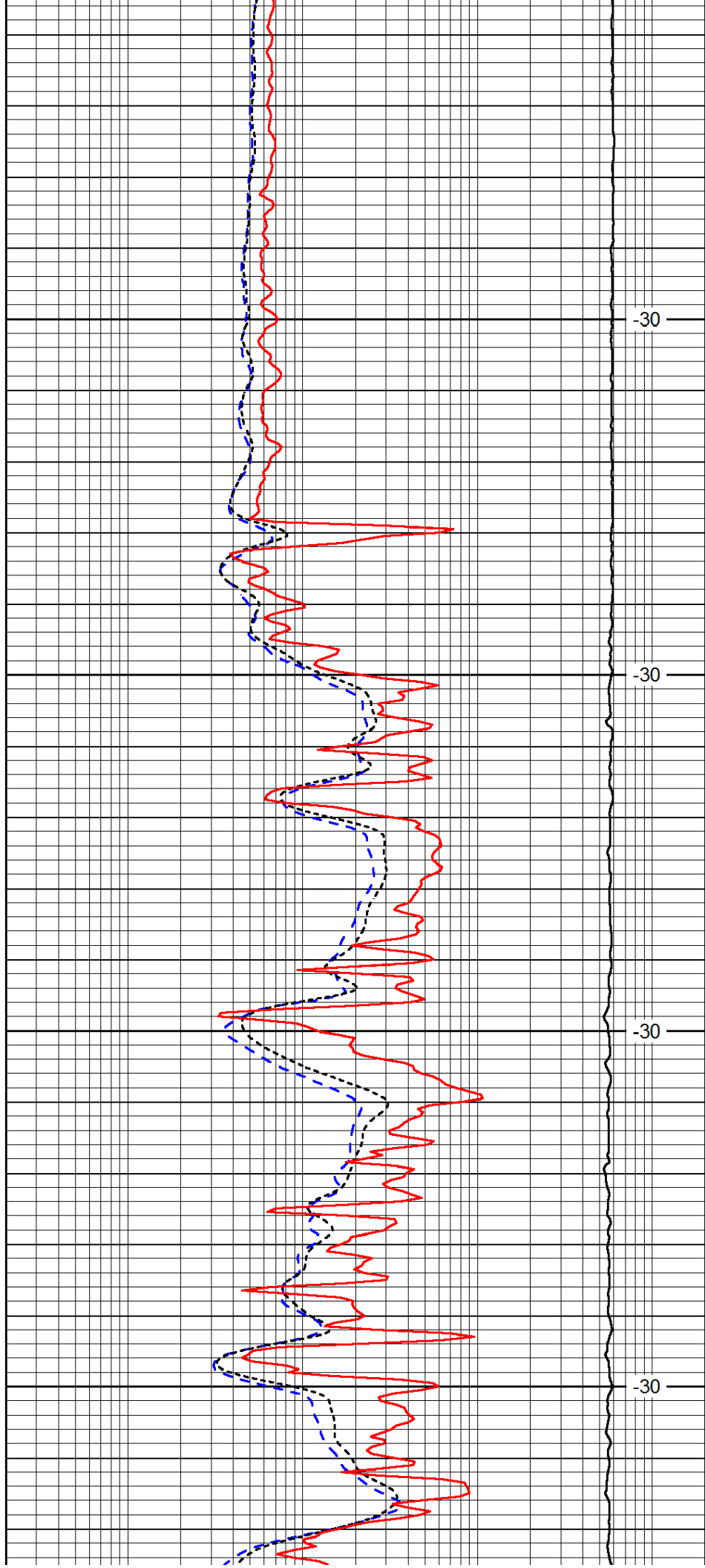


4400

4450

4500

4550

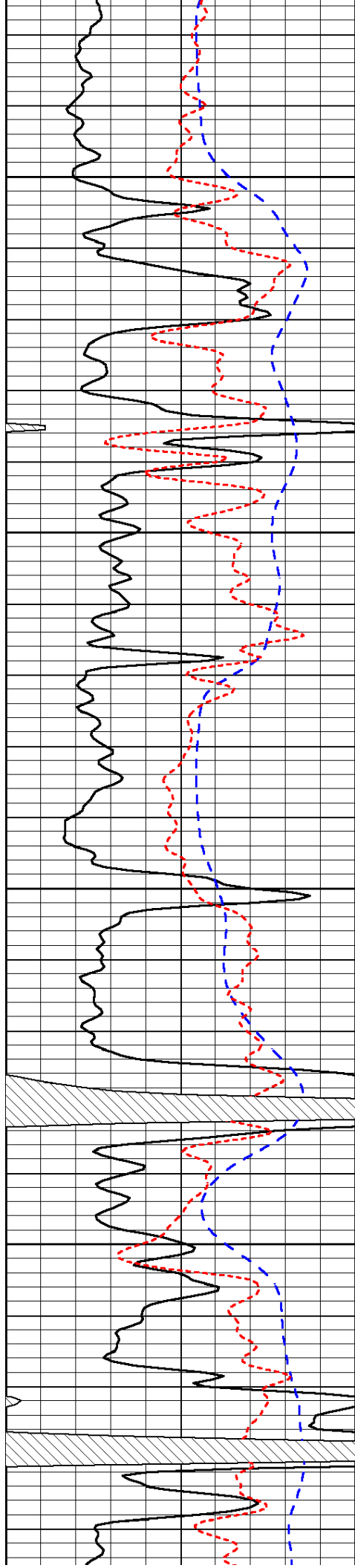


-30

-30

-30

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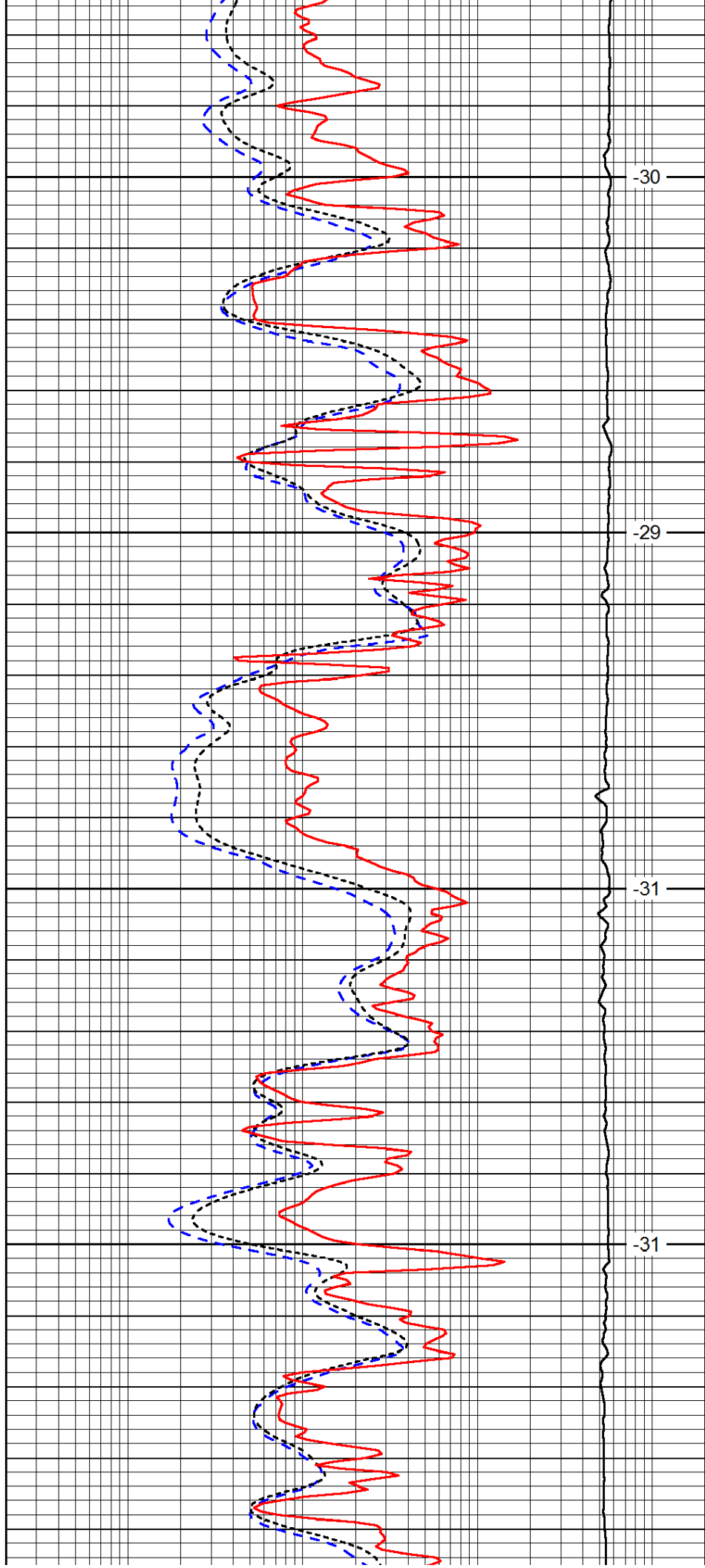


4600

4650

4700

4750

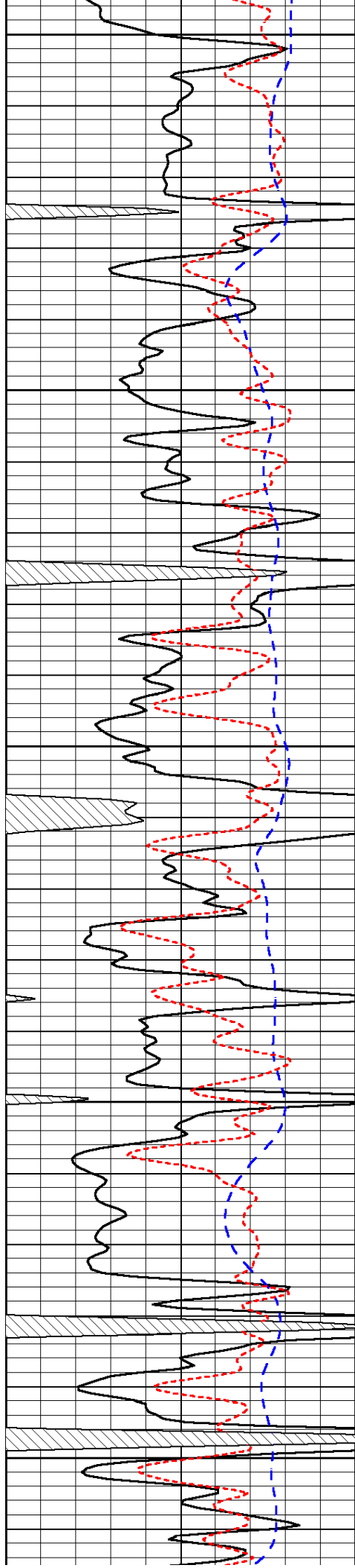


-30

-29

-31

-31



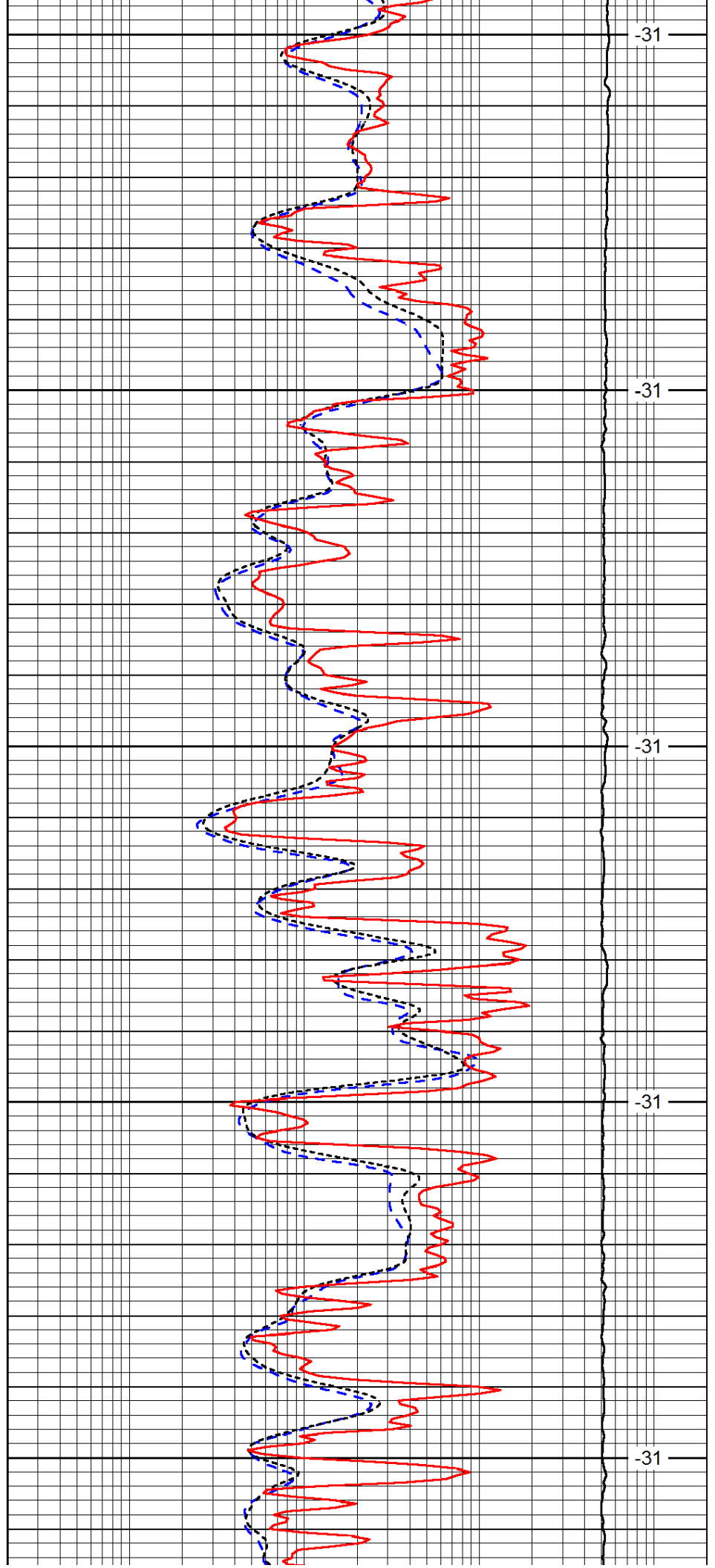
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4850

4900

4950

5000



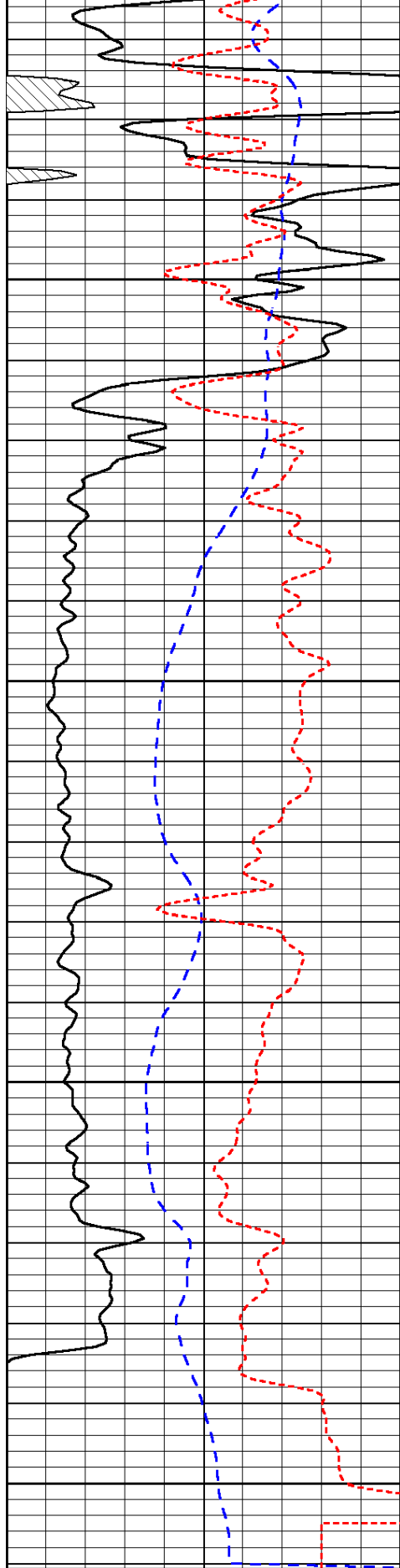
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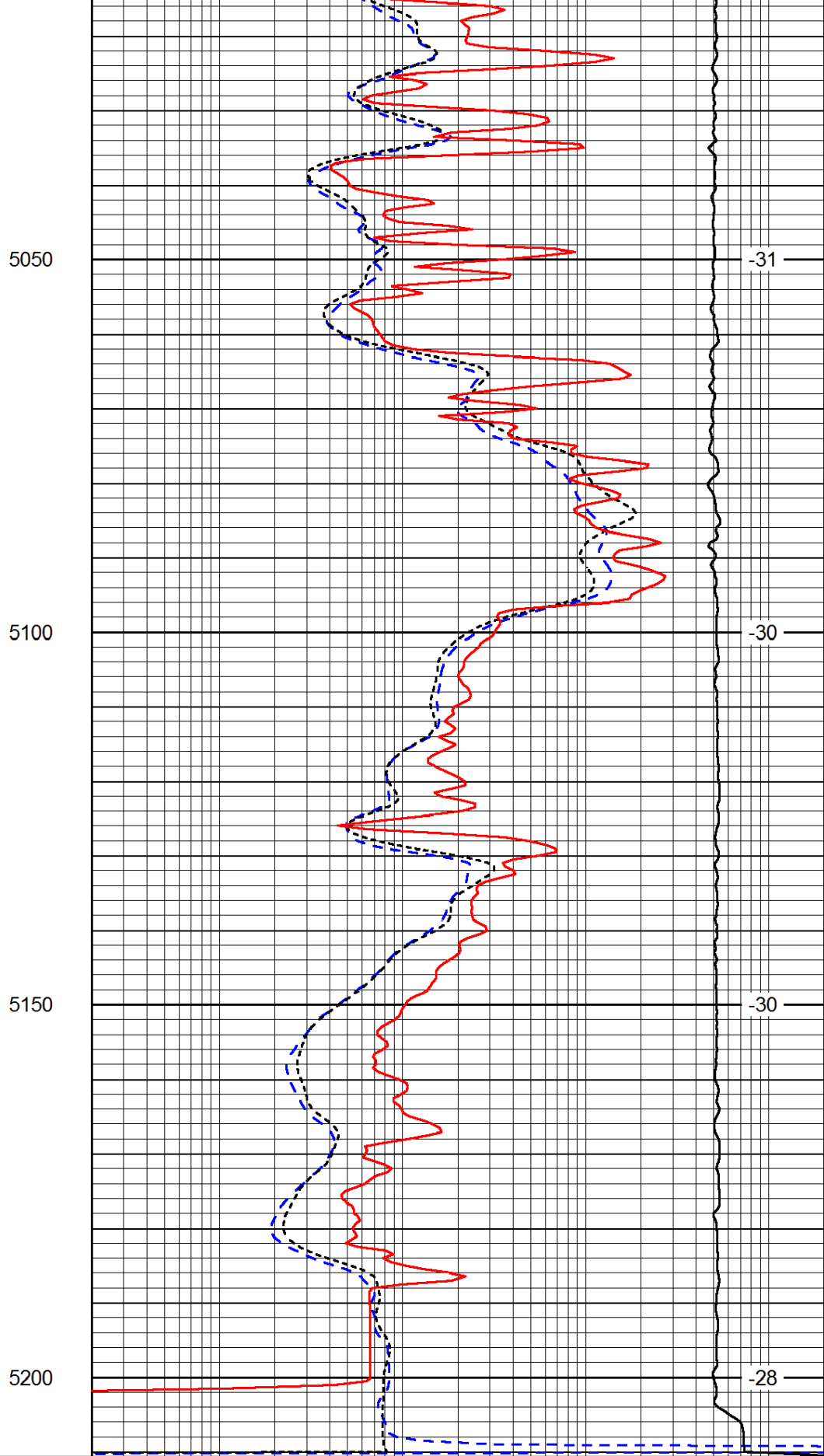
-31

-31

-31



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

