



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.	15-145-21,598-00-00	
Company	F. G. Holl Co.	
Well	Motley No. 1-5	
Field	Rutherford Extension	
County	Pawnee	State
		Kansas
Location	35' W of C N/2 N/2 NE 330' FNL & 1355' FEL	
Sec: 5	Twp: 20 S	Rge: 16 W
Permanent Datum	Ground Level	Elevation 2039
Log Measured From	Kelly Bushing	8 Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing	
		Other Services CNL/CDL MEL/BHCS
		Elevation K.B. 2047 D.F. 2039 G.L. 2039

Date	11/16/2009
Run Number	One
Depth Driller	4405
Depth Logger	4404
Bottom Logged Interval	4403
Top Log Interval	0
Casing Driller	8.625 @ 976
Casing Logger	972
Bit Size	7.875
Type Fluid in Hole	Chemical
Salinity, ppm CL	5.600
Density / Viscosity	9.2 46
pH / Fluid Loss	10.5 8.0
Source of Sample	Flowline
Rm @ Meas. Temp	.52 @ 65
Rmf @ Meas. Temp	.39 @ 65
Rmc @ Meas. Temp	.70 @ 65
Source of Rmf / Rmc	Charts
Rm @ BHT	.28 @ 122
Operating Rig Time	6 1/2 Hours
Max Rec. Temp. F	122
Equipment Number	4
Location	Hays
Recorded By	K. Bange
Witnessed By	Rene Husted

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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

Albert BT, S to 10th st, W to CR370, 1 S, 1 W, S into

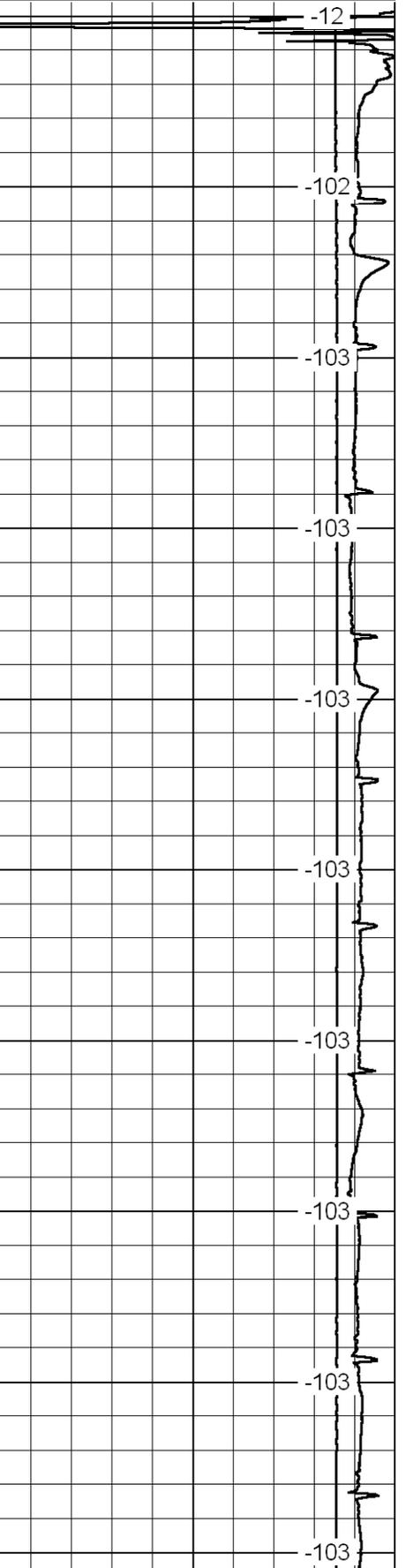
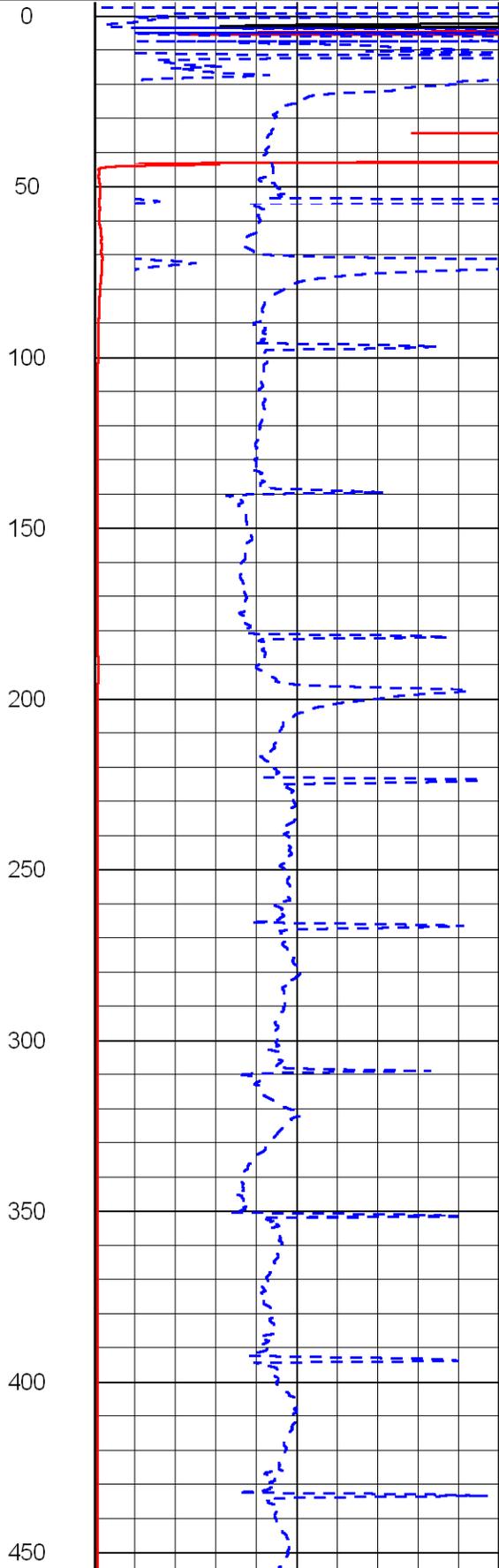
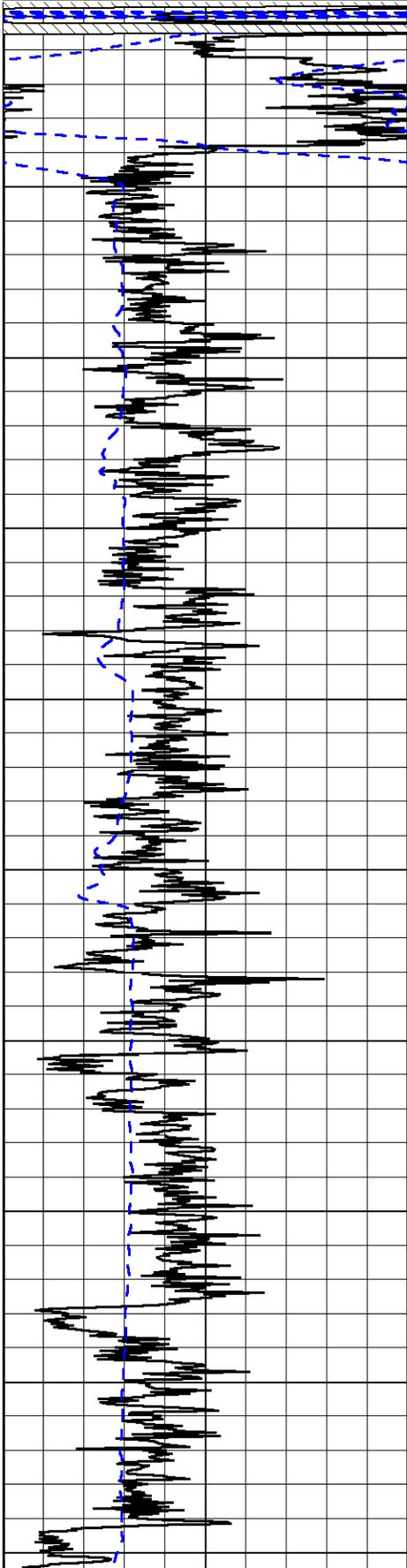
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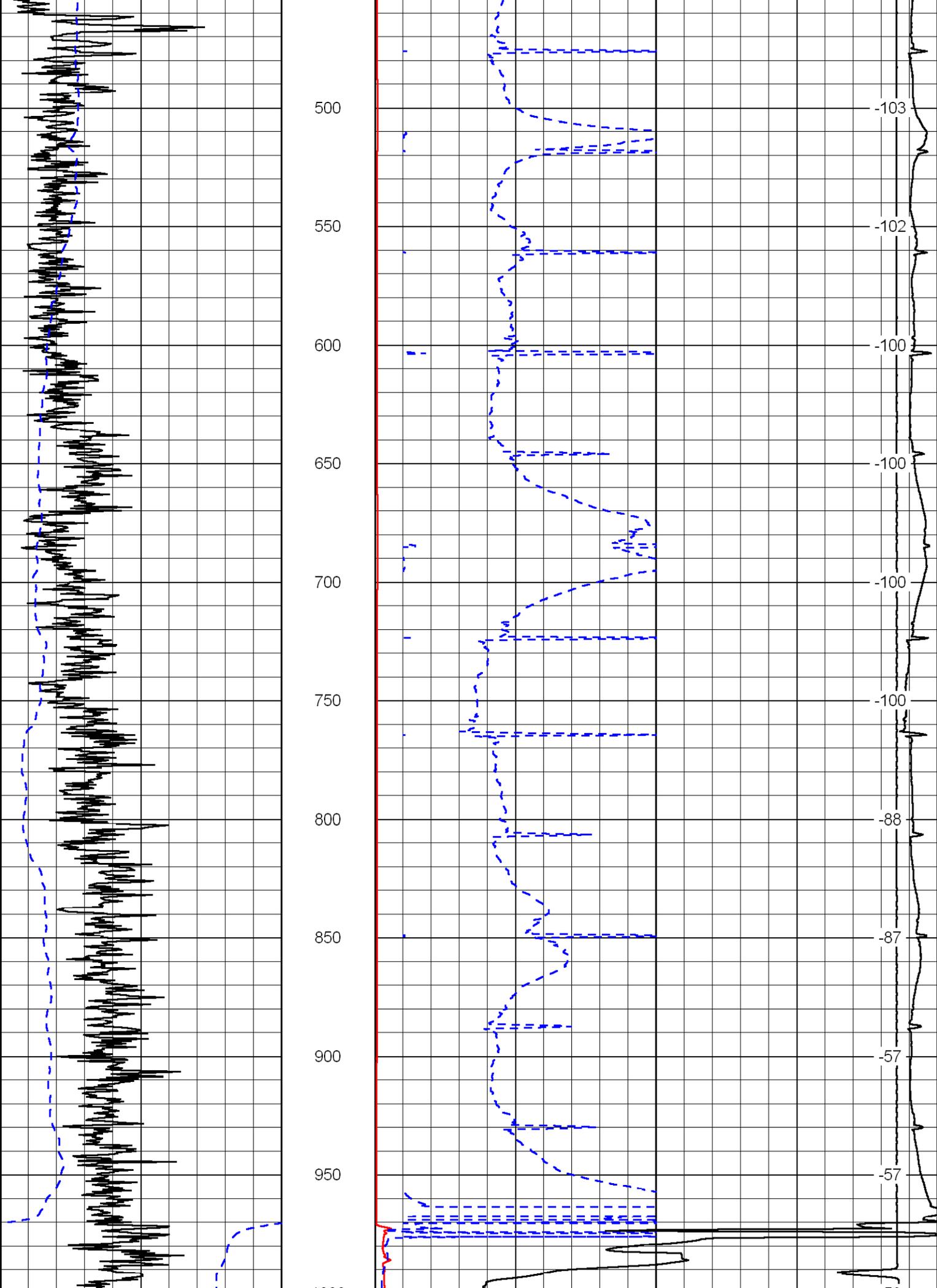
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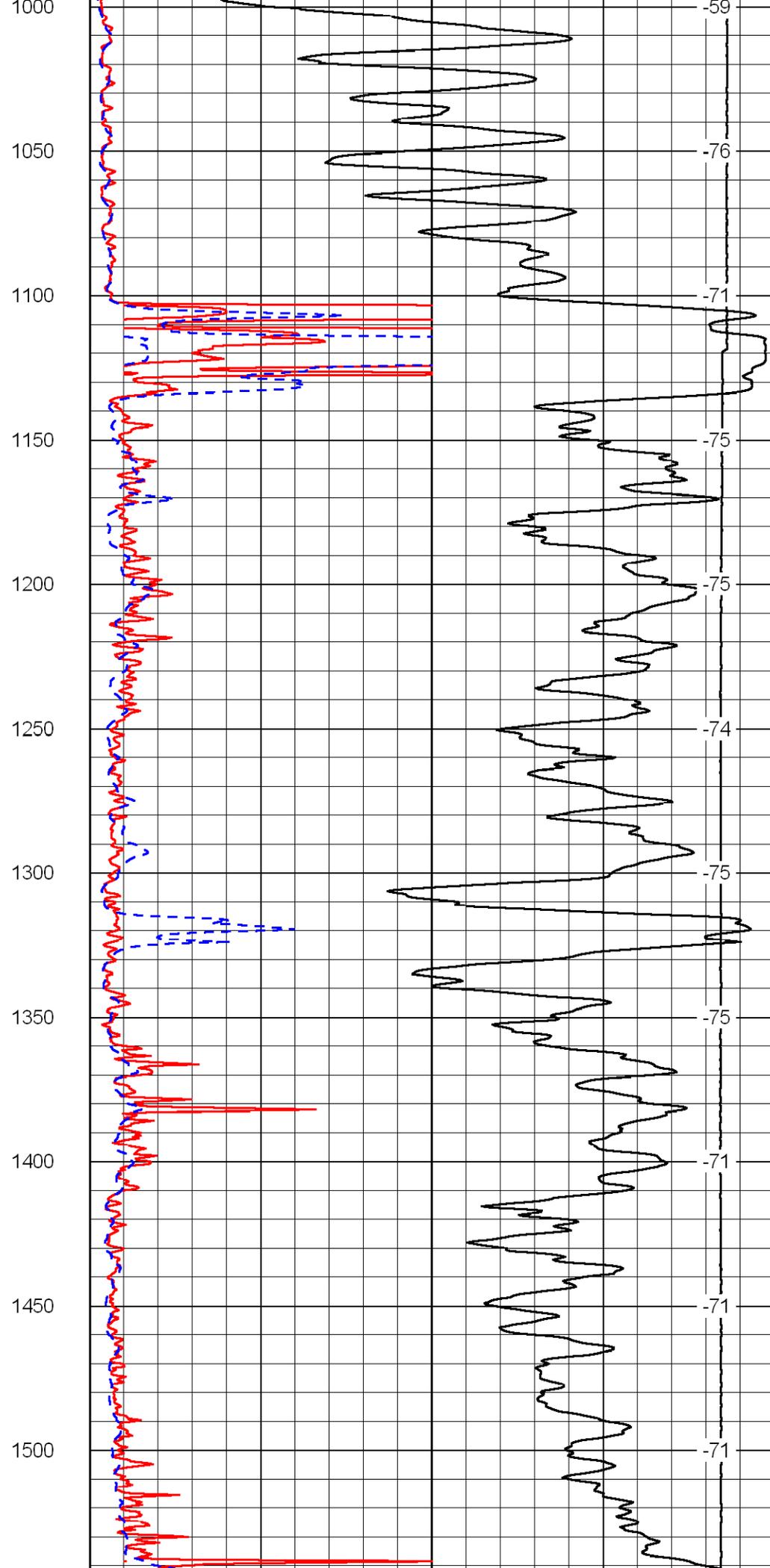
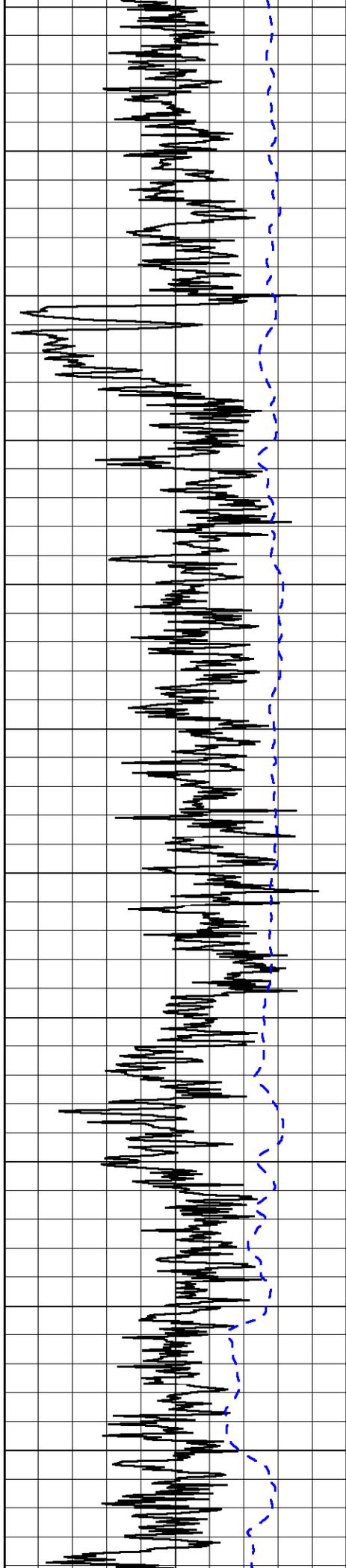
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0 Deep Resistivity (Ohm-m) 50
1000 Conductivity (mmho/m)
15000 Line Tension (lb)

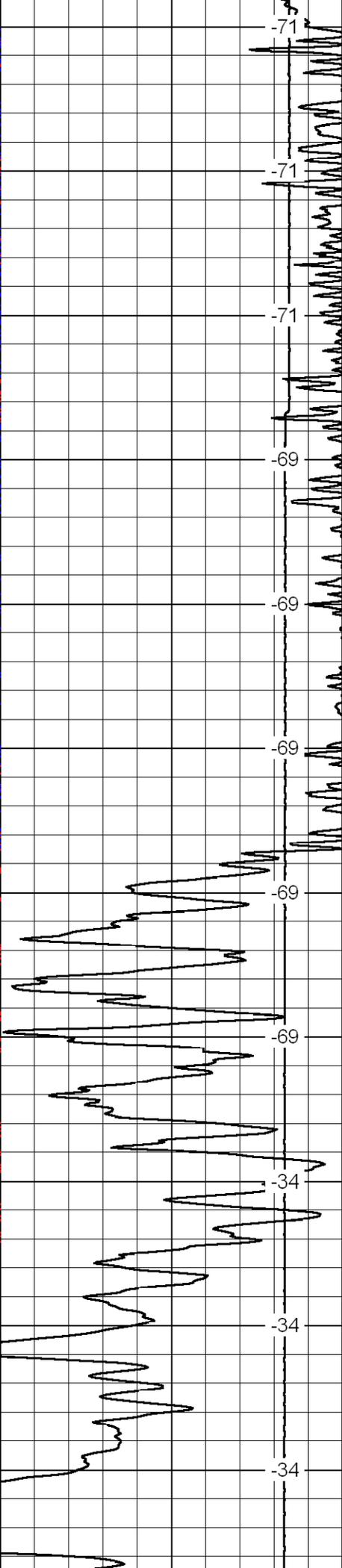
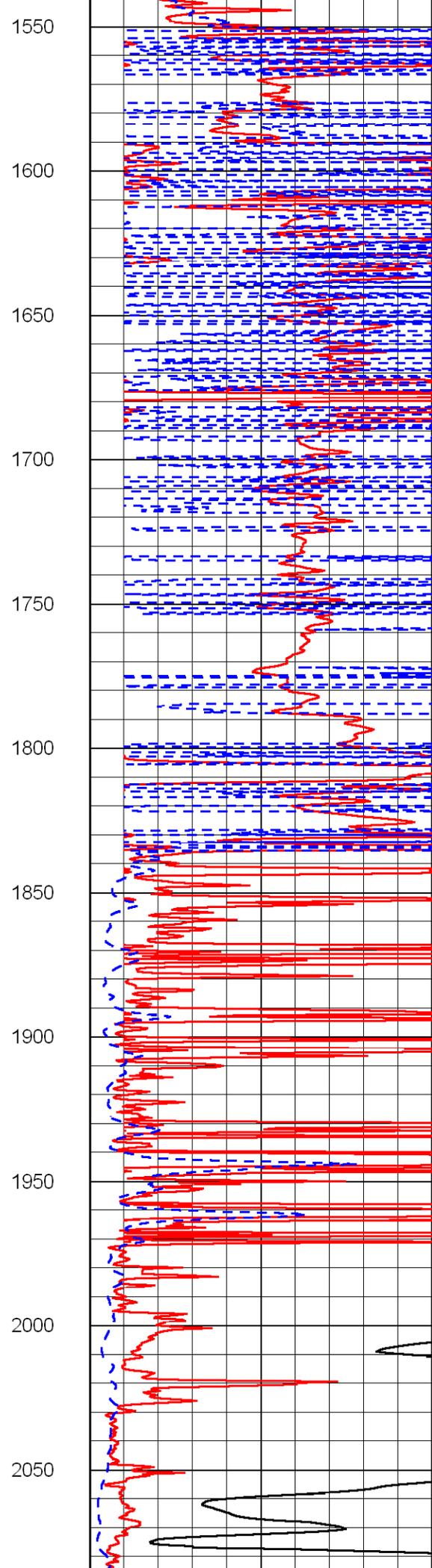
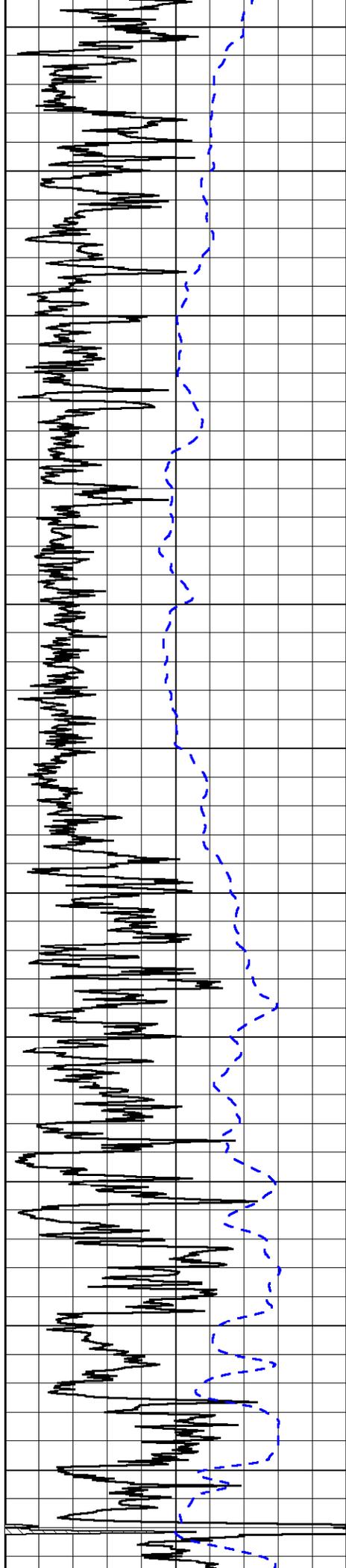
LSPD
(ft/min)

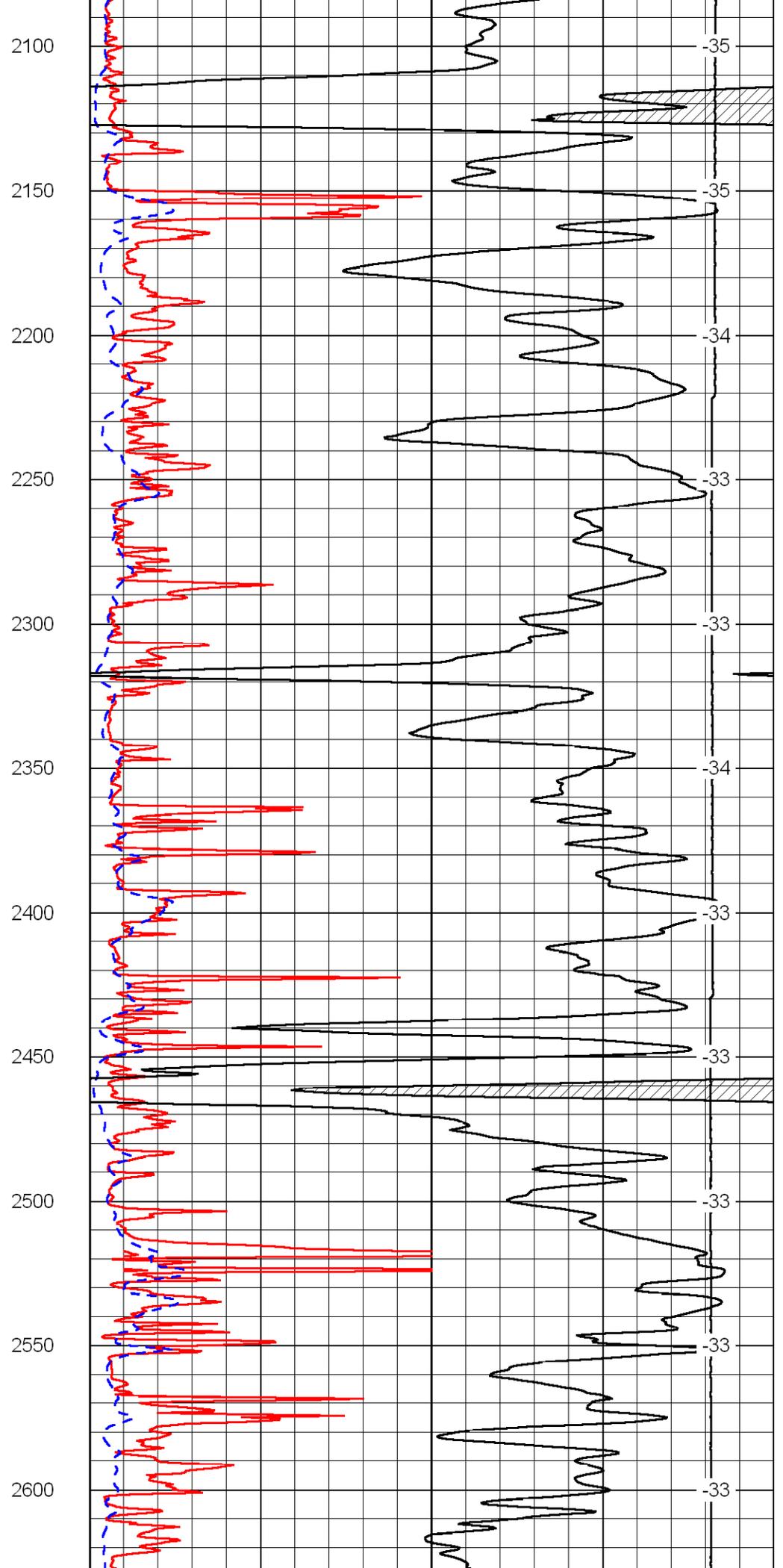
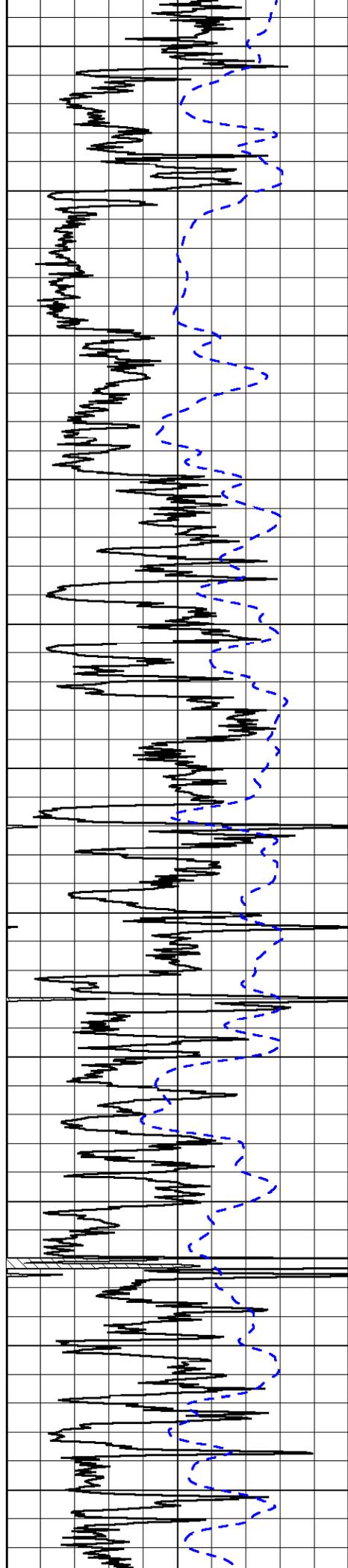
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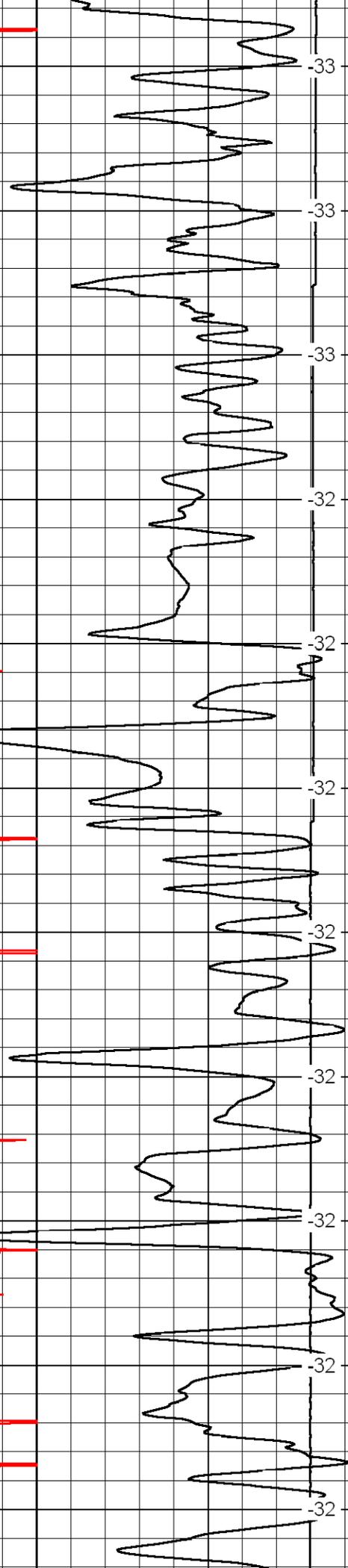
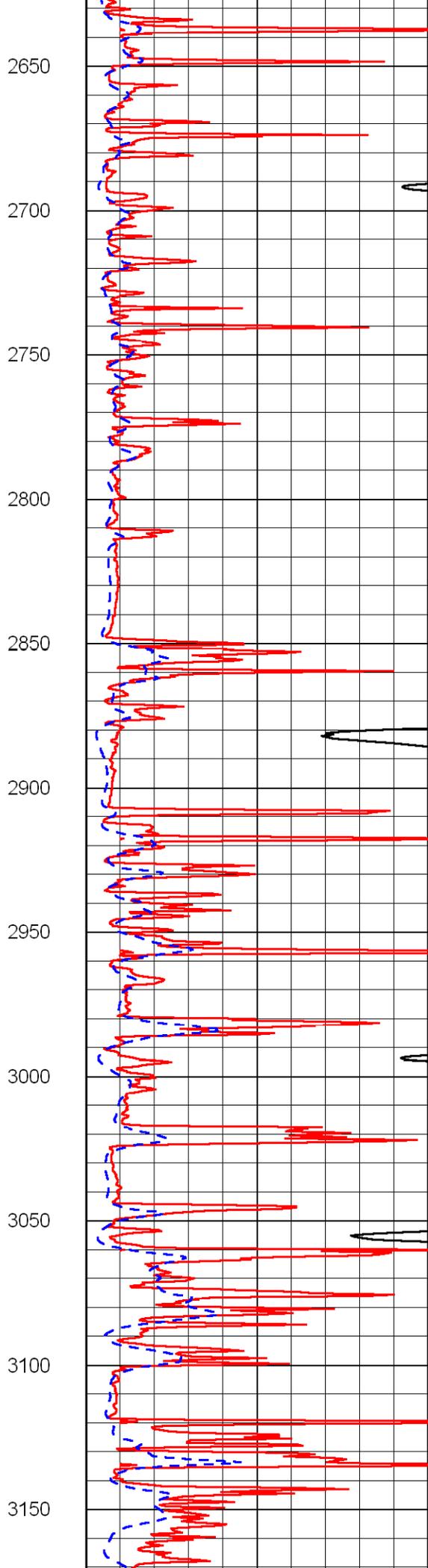
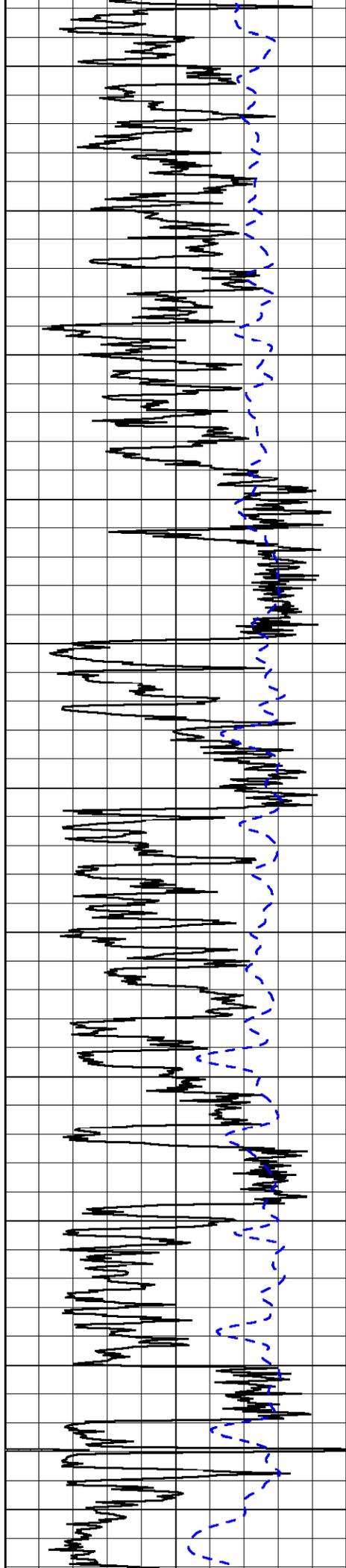


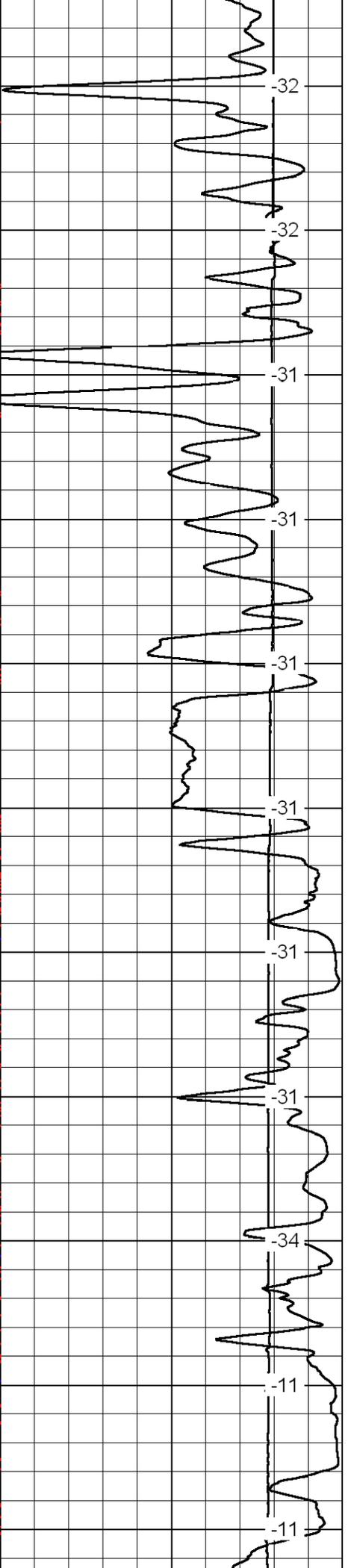
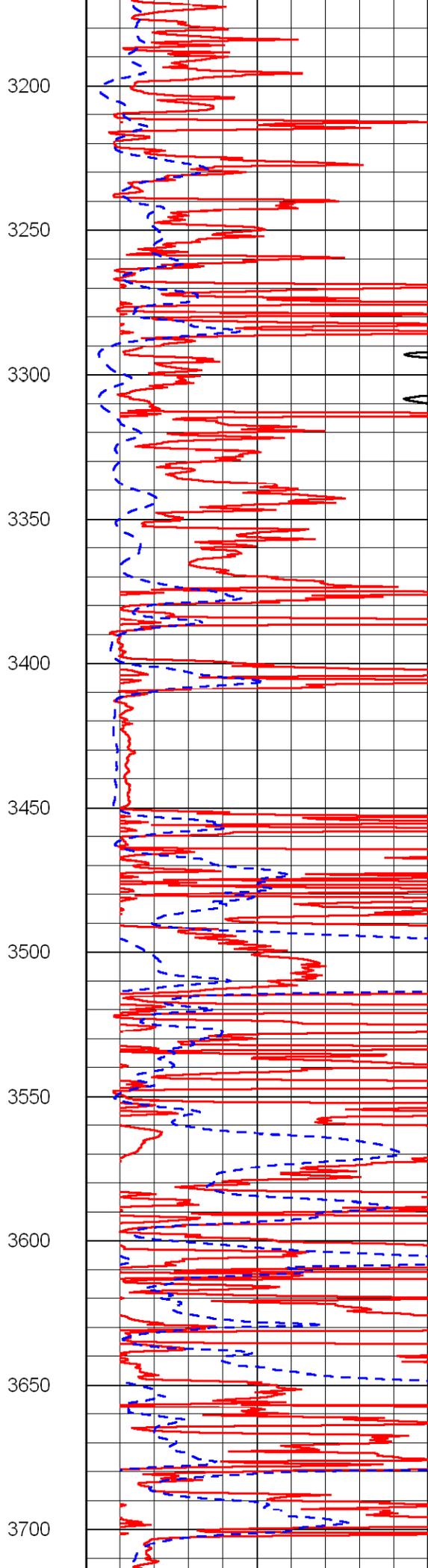
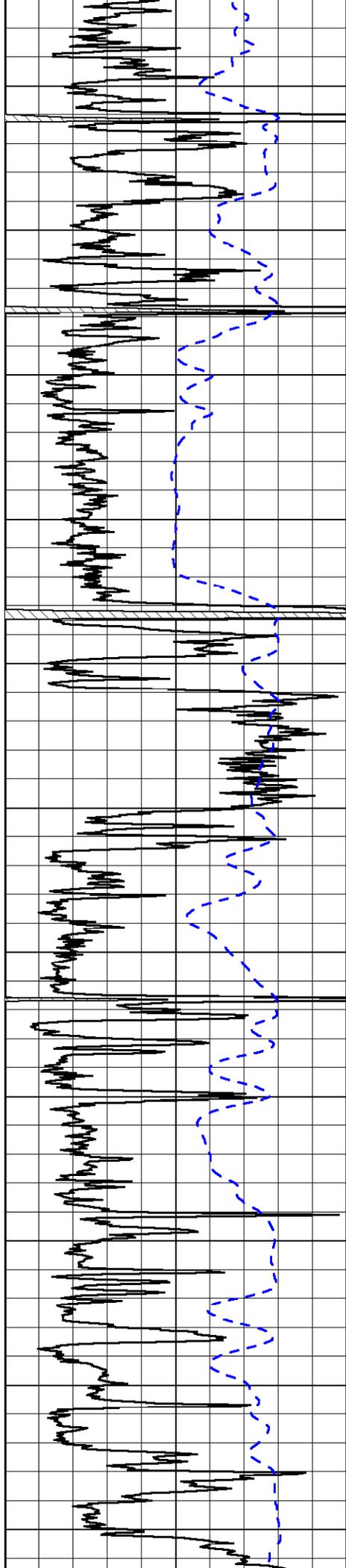


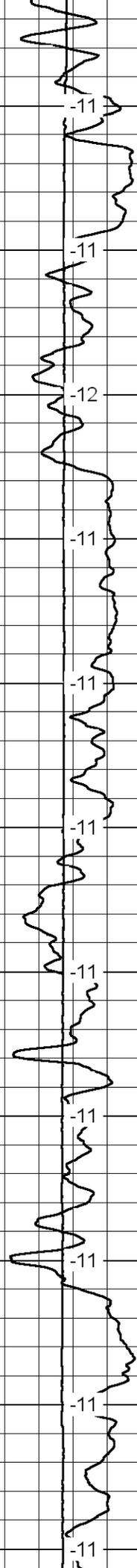
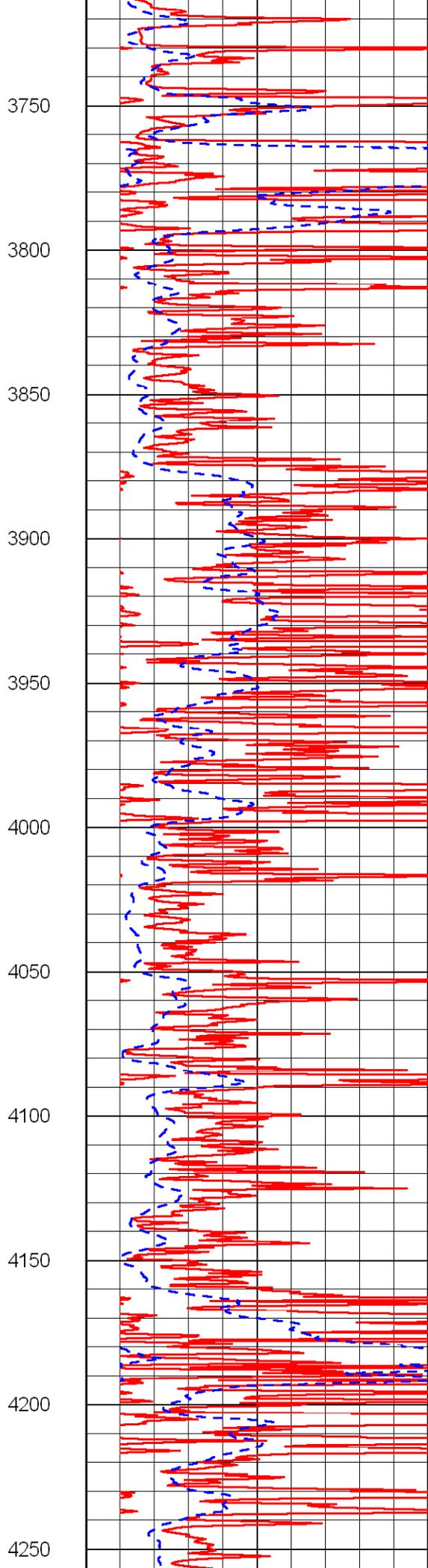
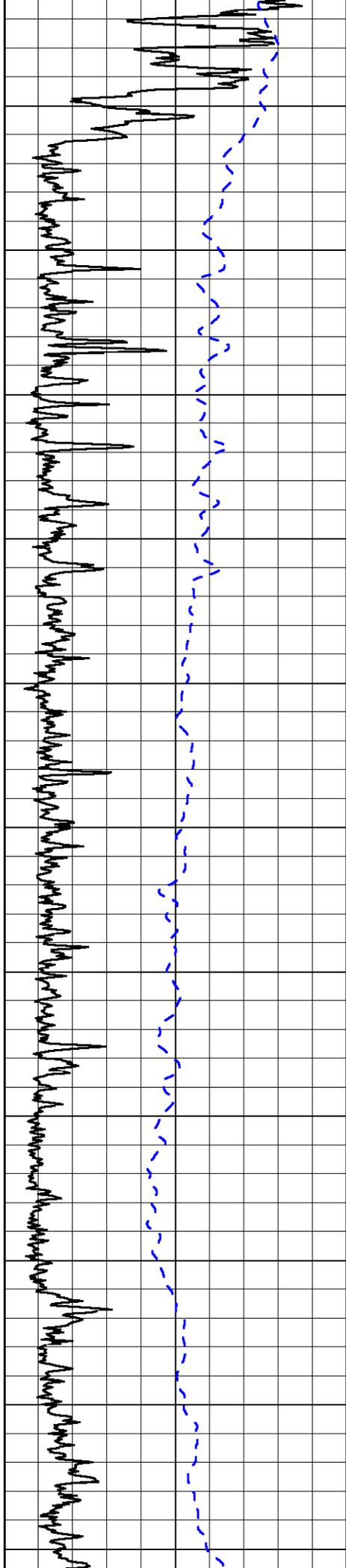


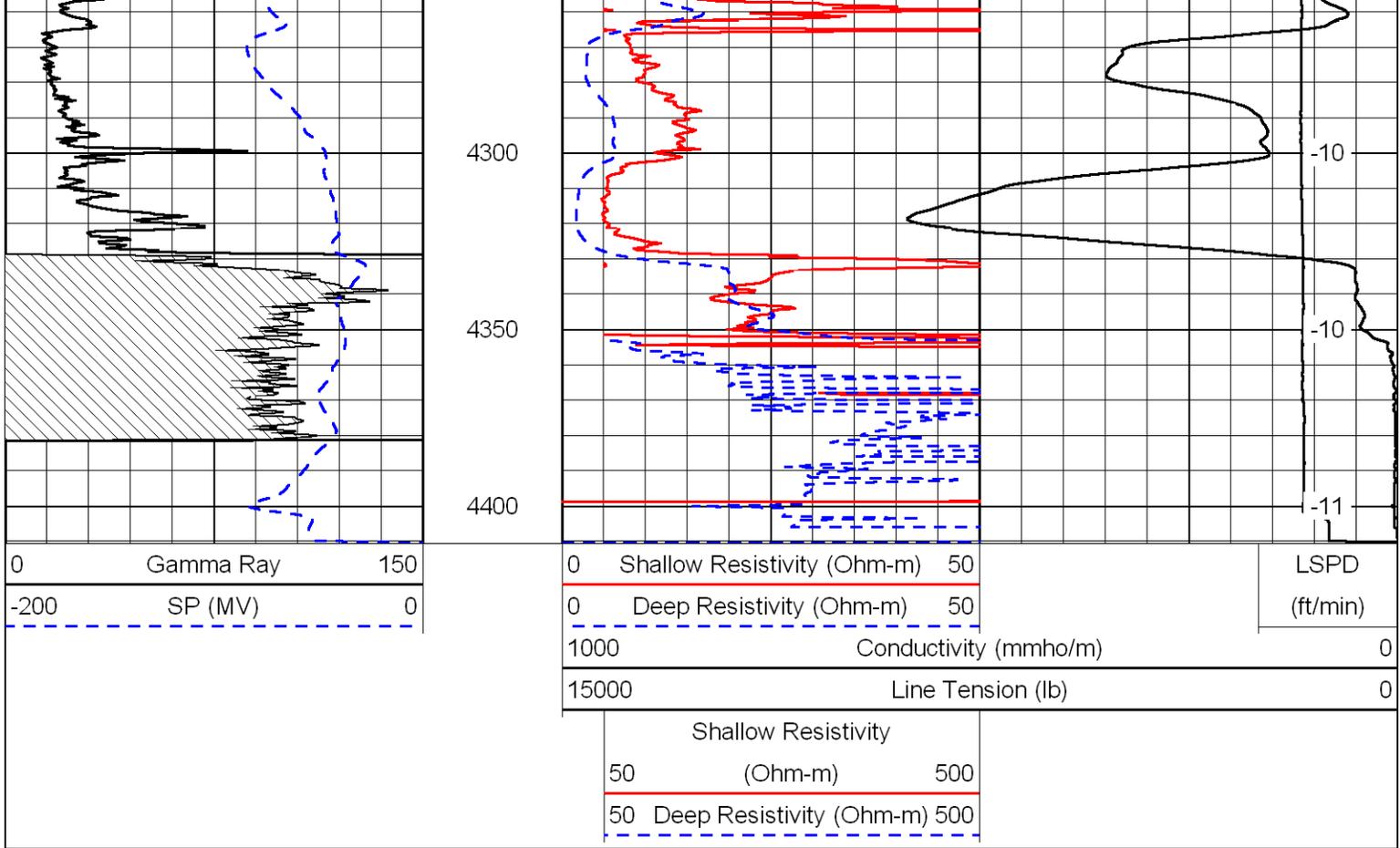








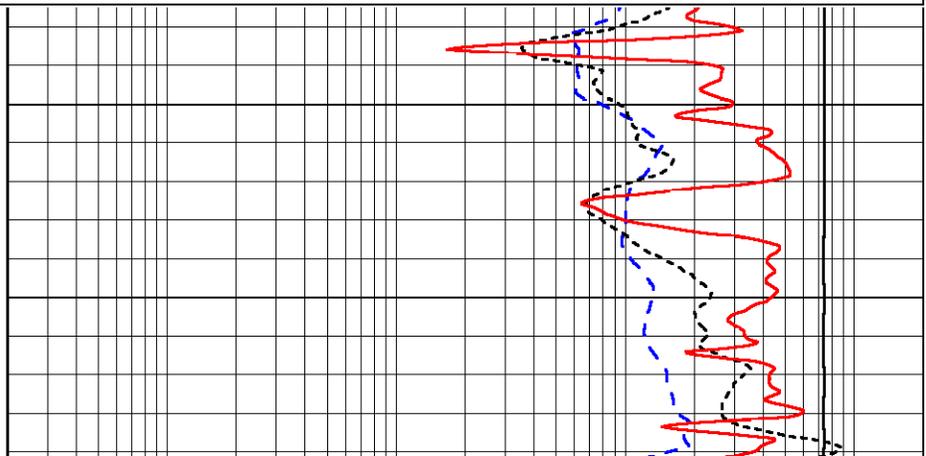
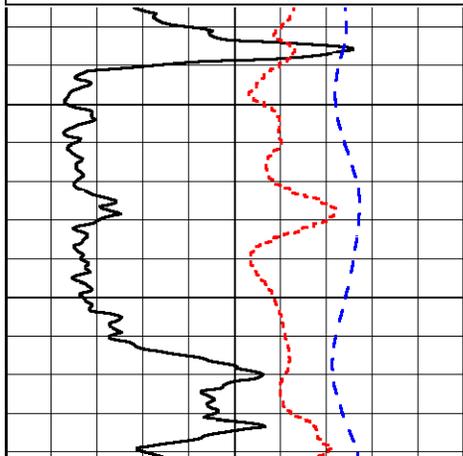
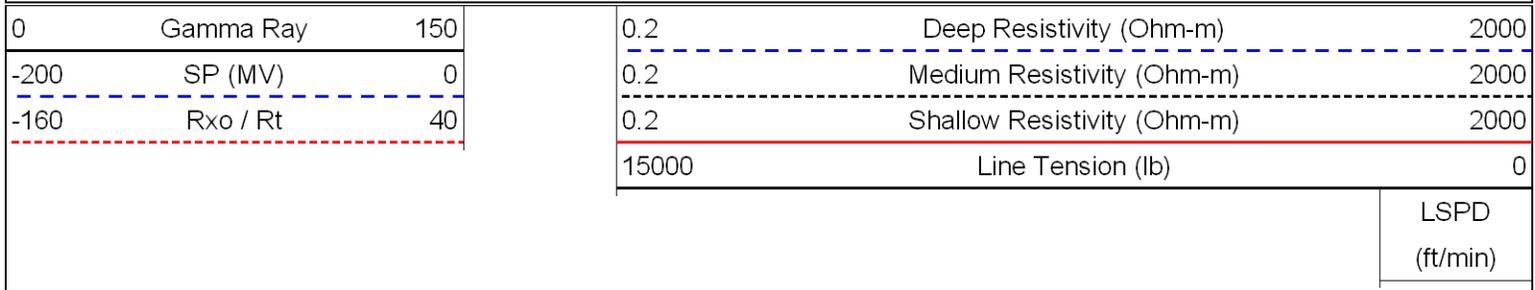


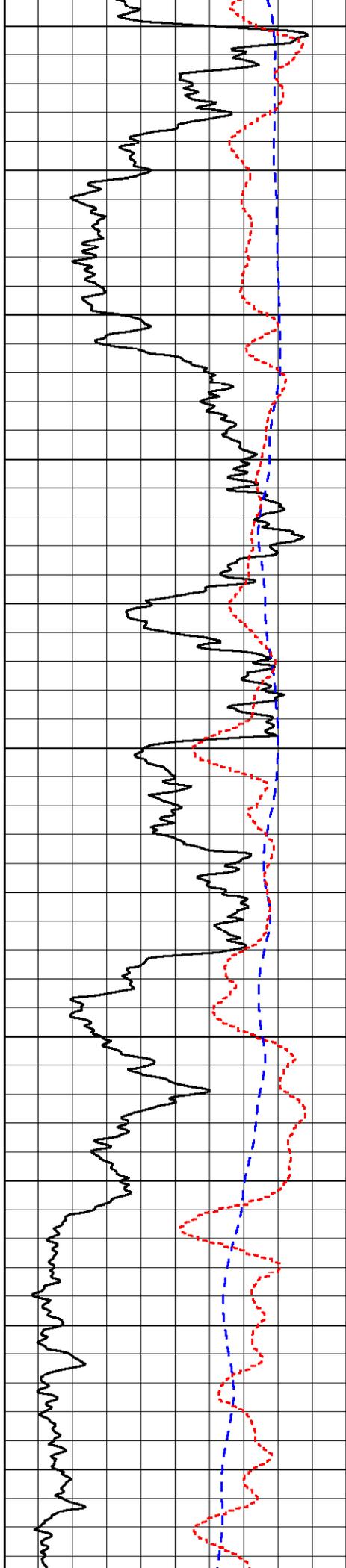


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High Resolution

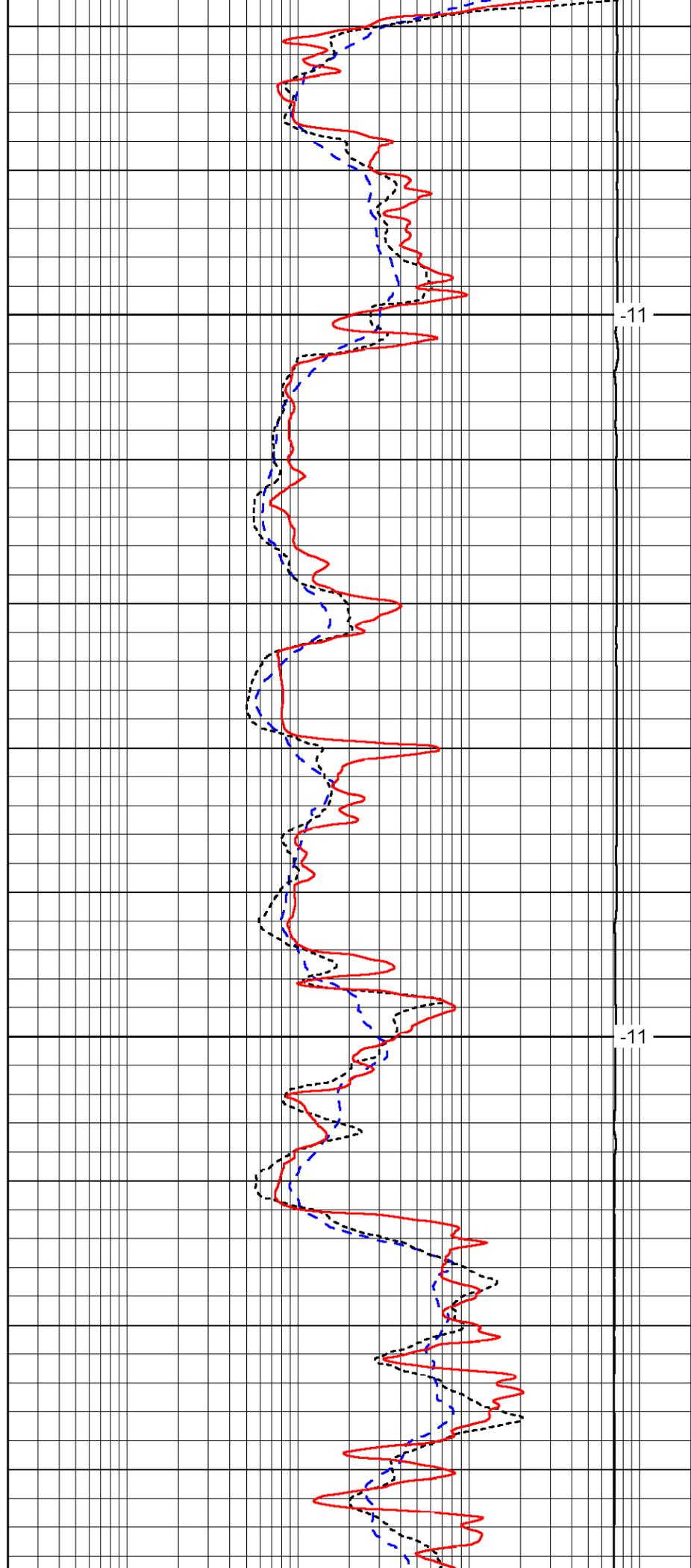
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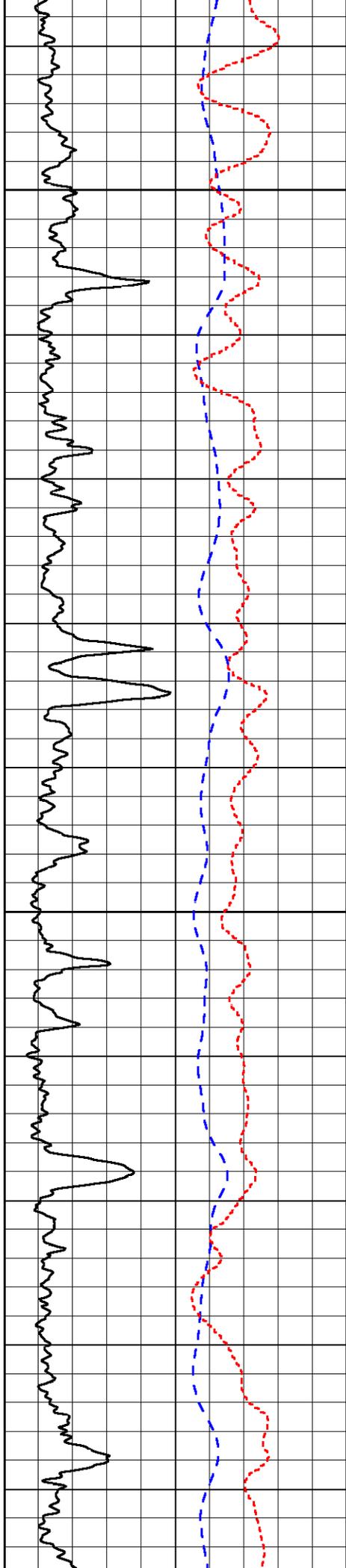
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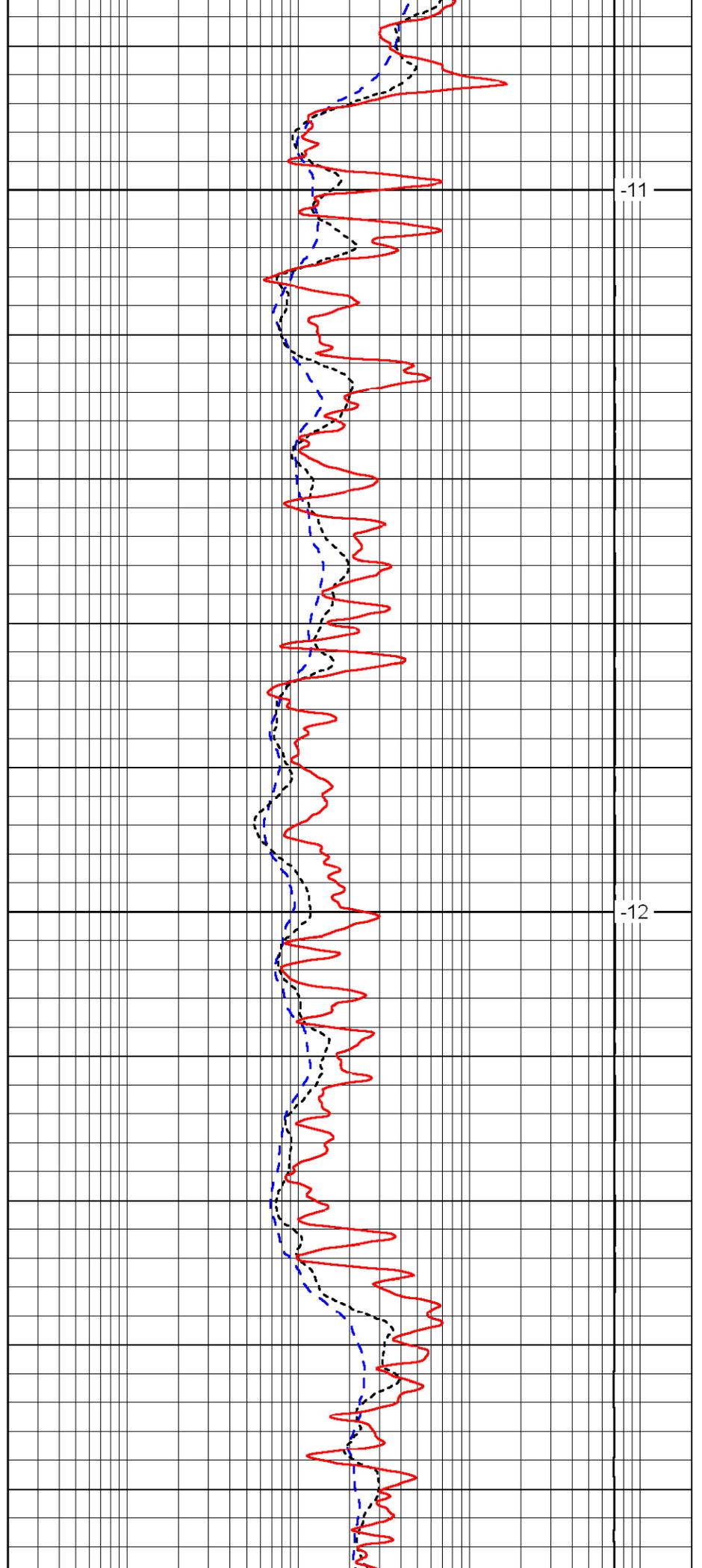
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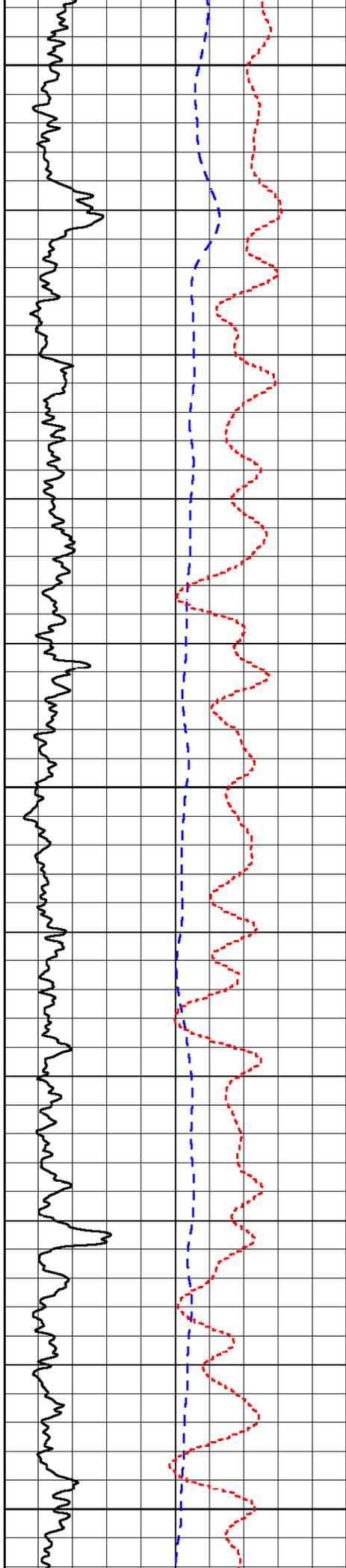
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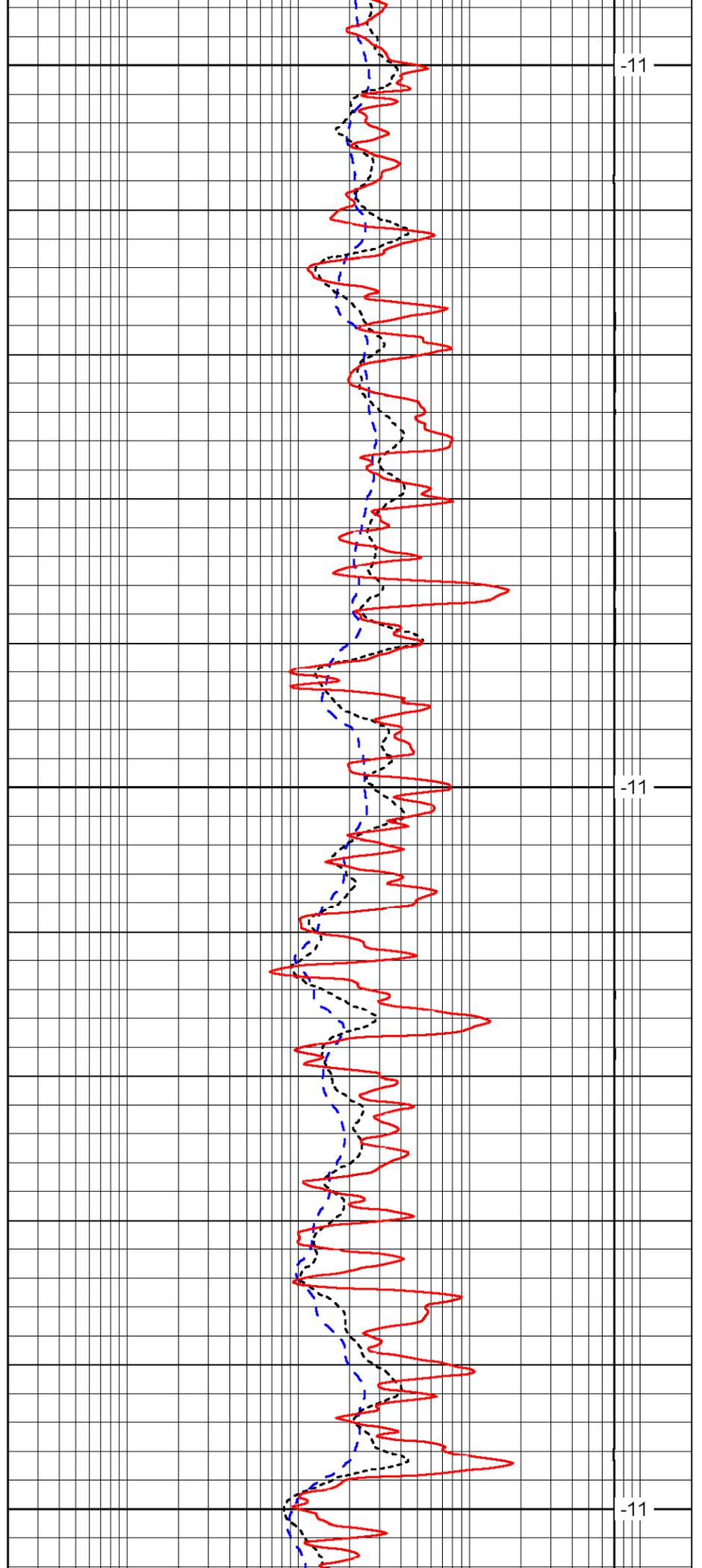
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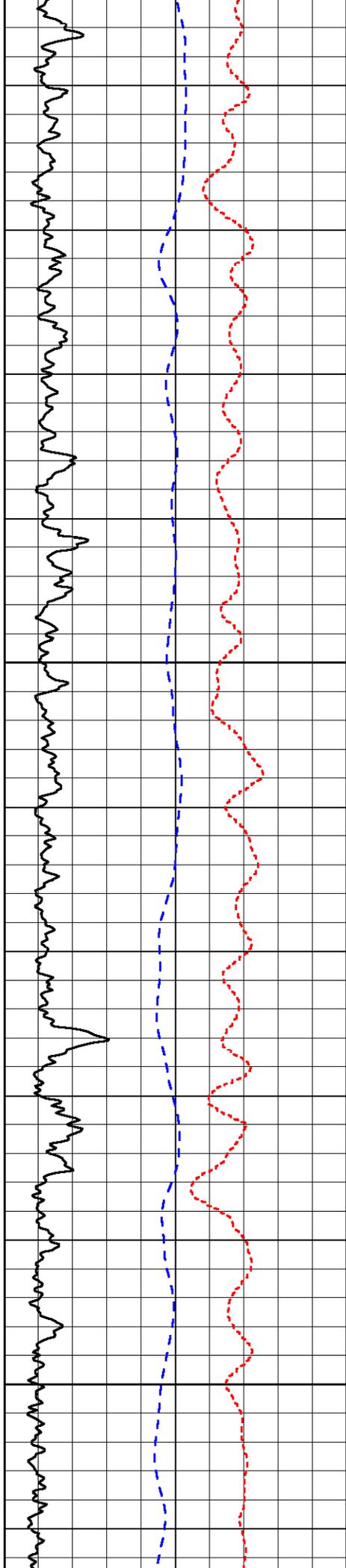
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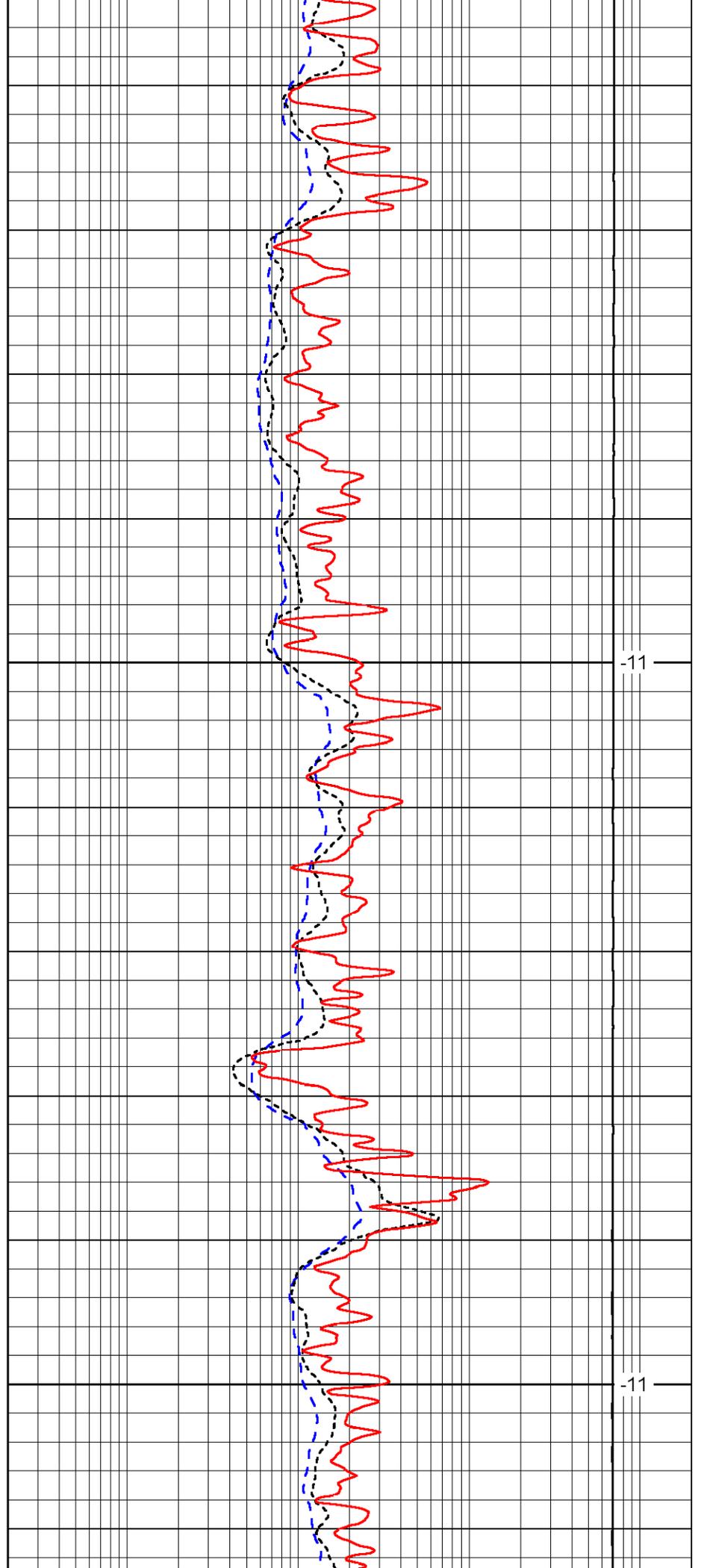
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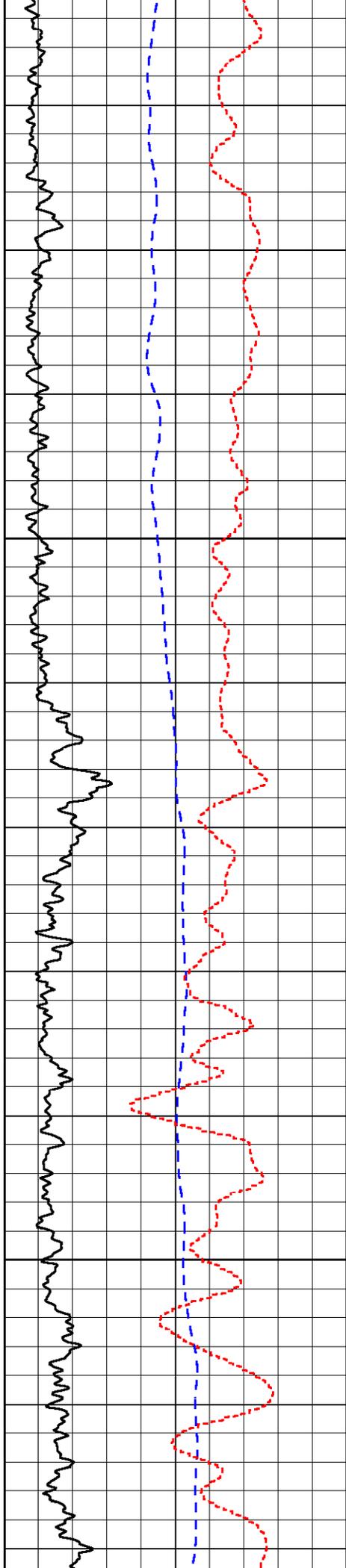
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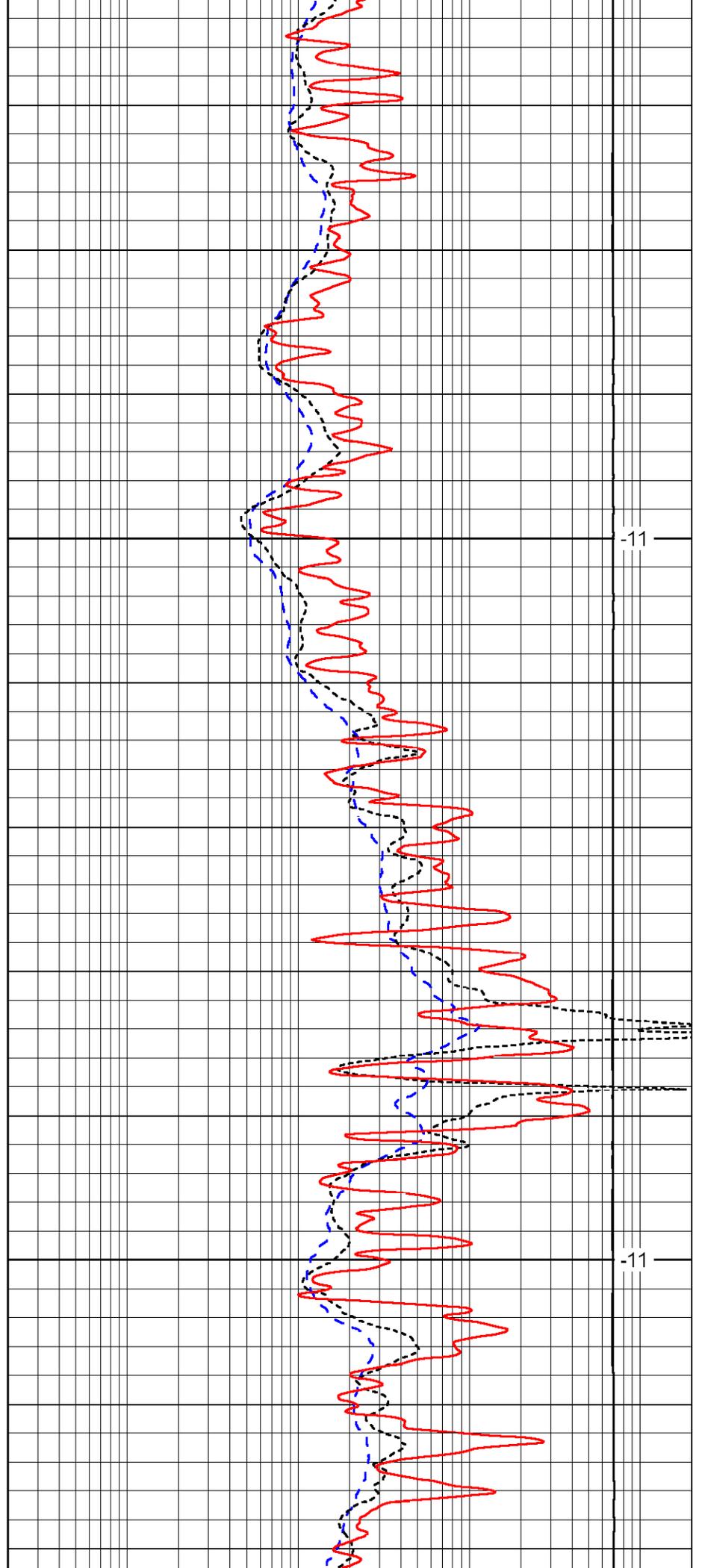
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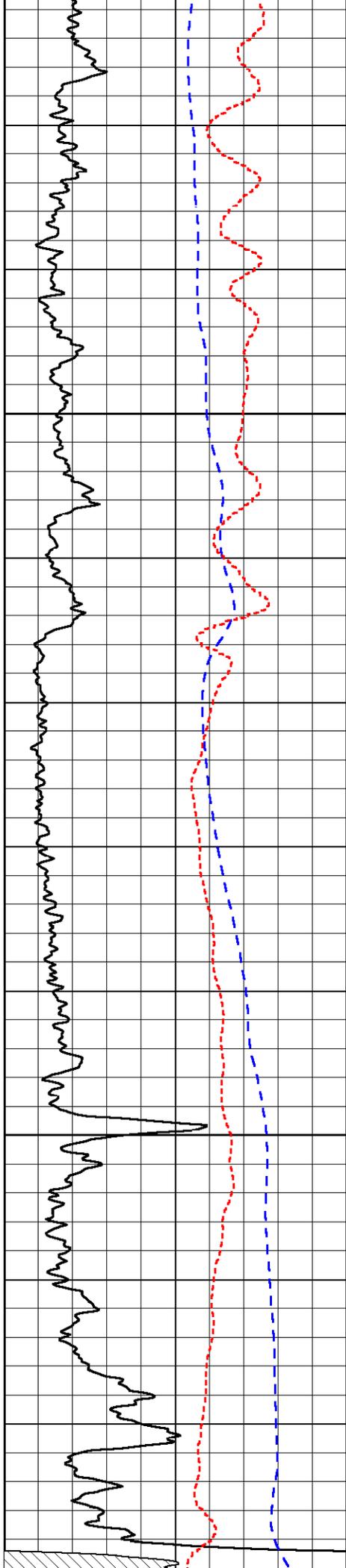
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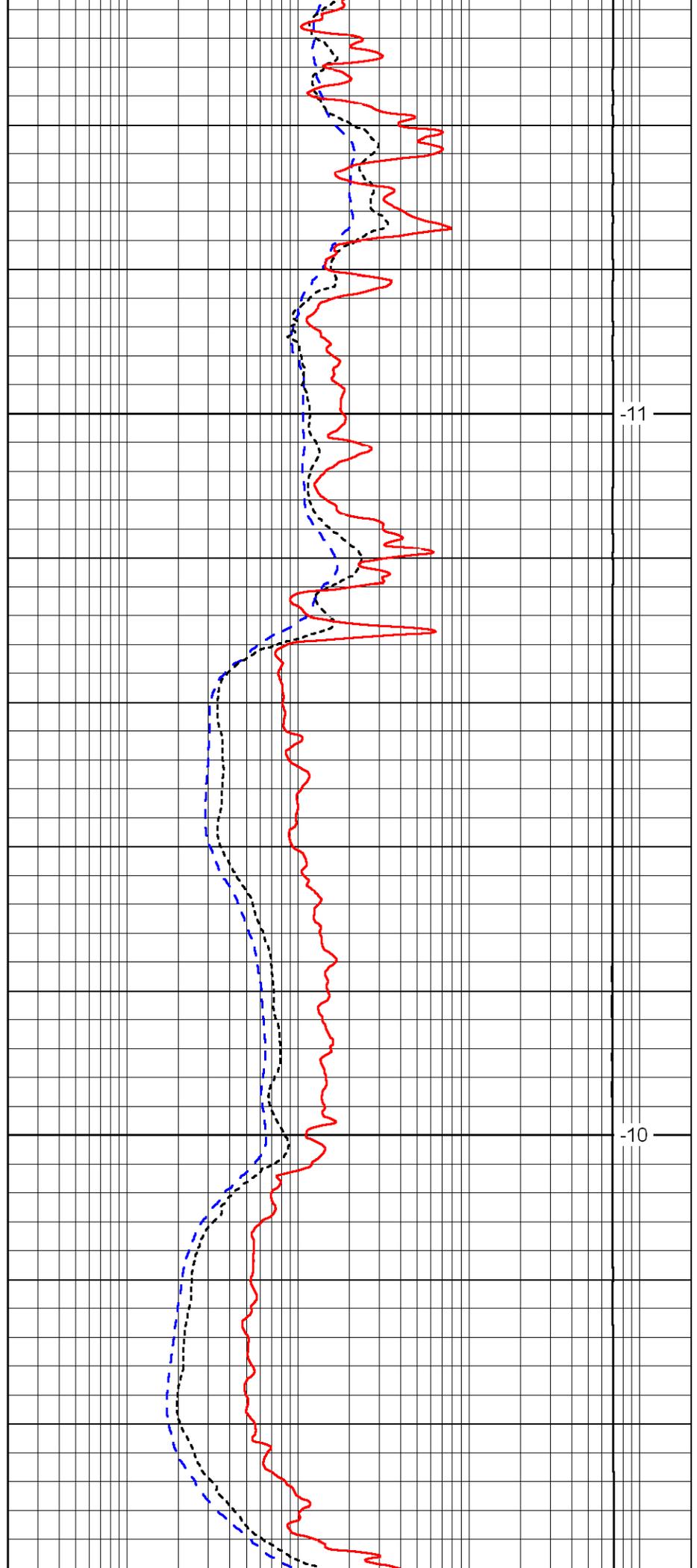
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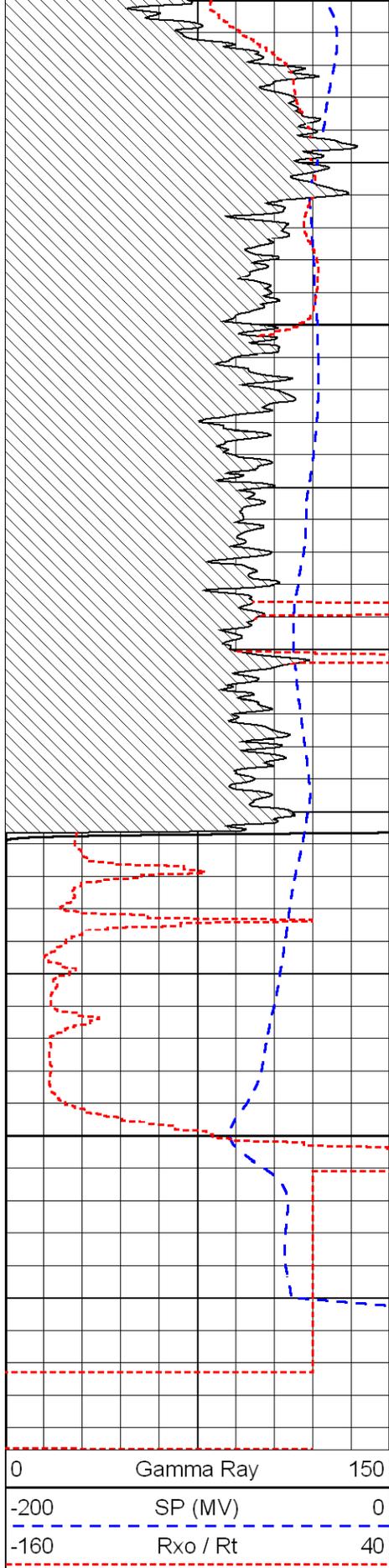
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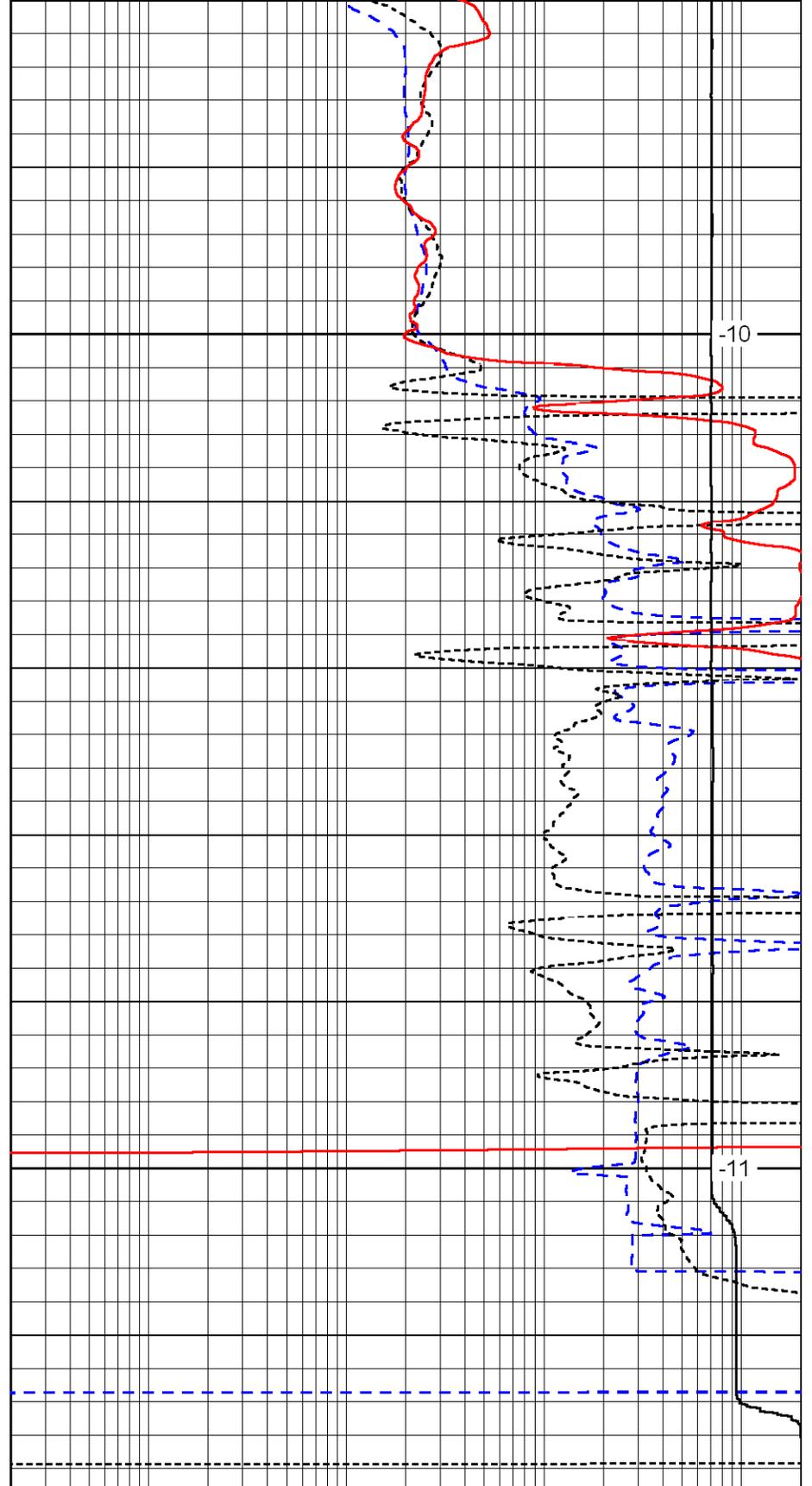
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4350

4400

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



-10

-11

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

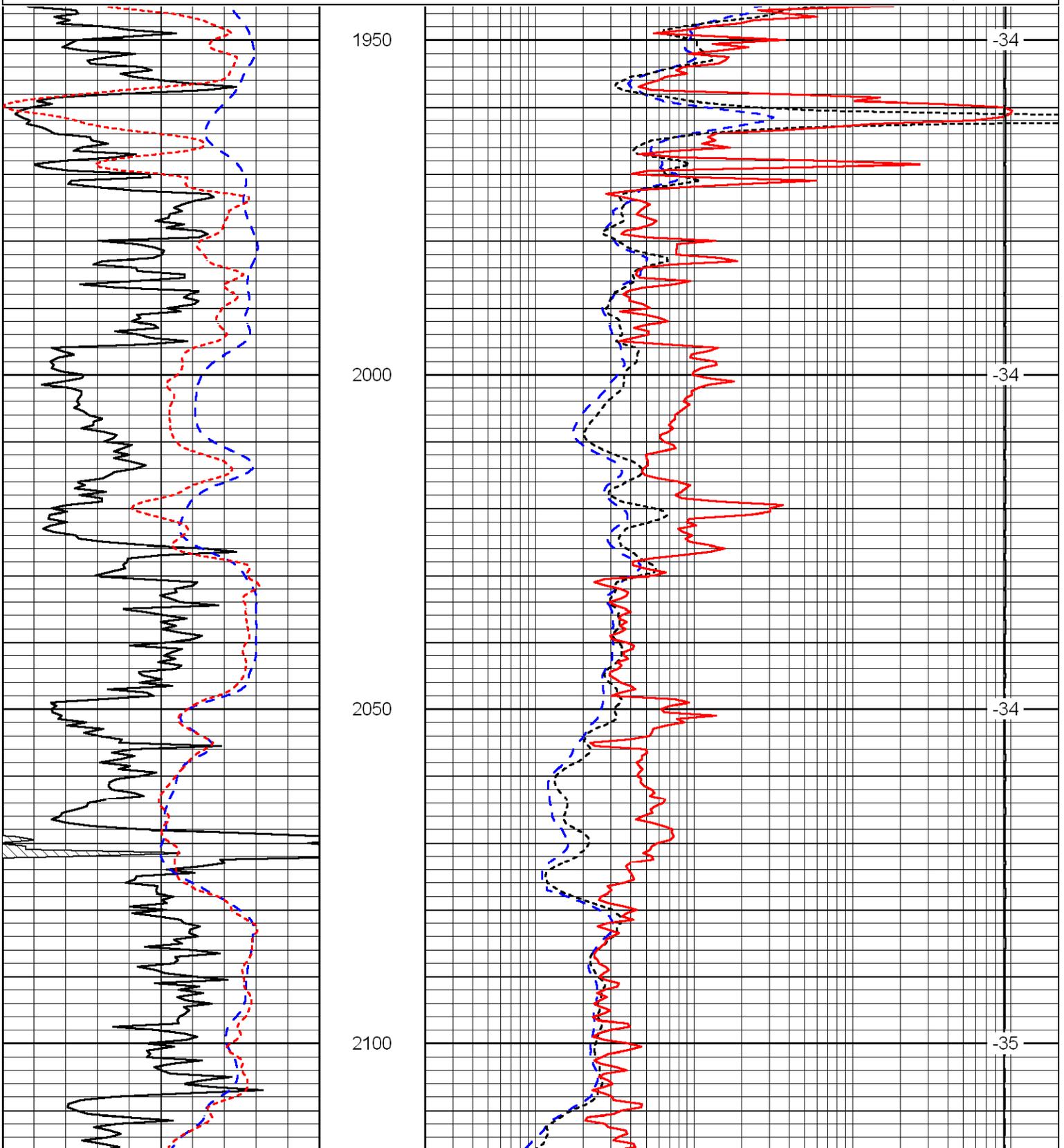
LSPD
(ft/min)

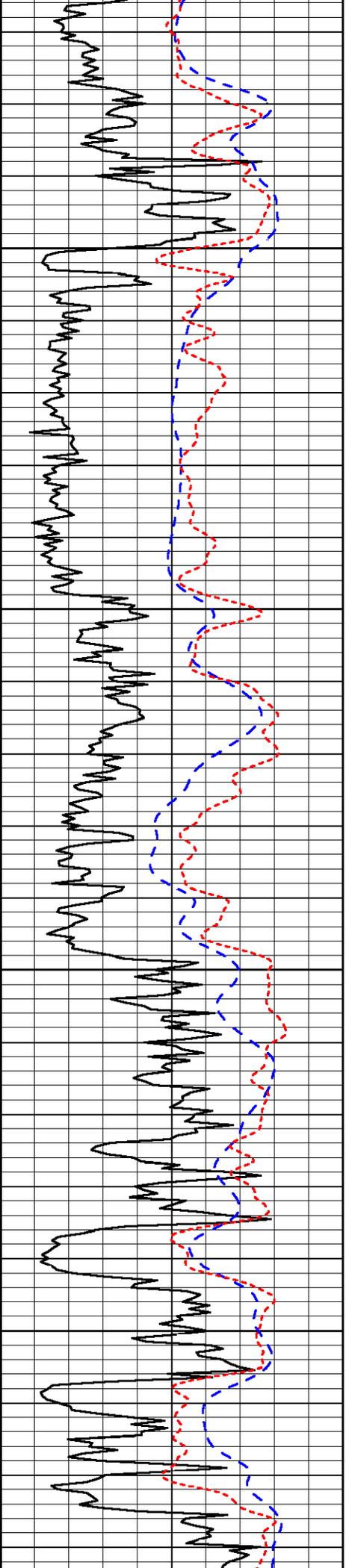
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0	Gamma Ray	150
-200	SP (MV)	0
-160	Rxo / Rt	40

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

LSPD
(ft/min)



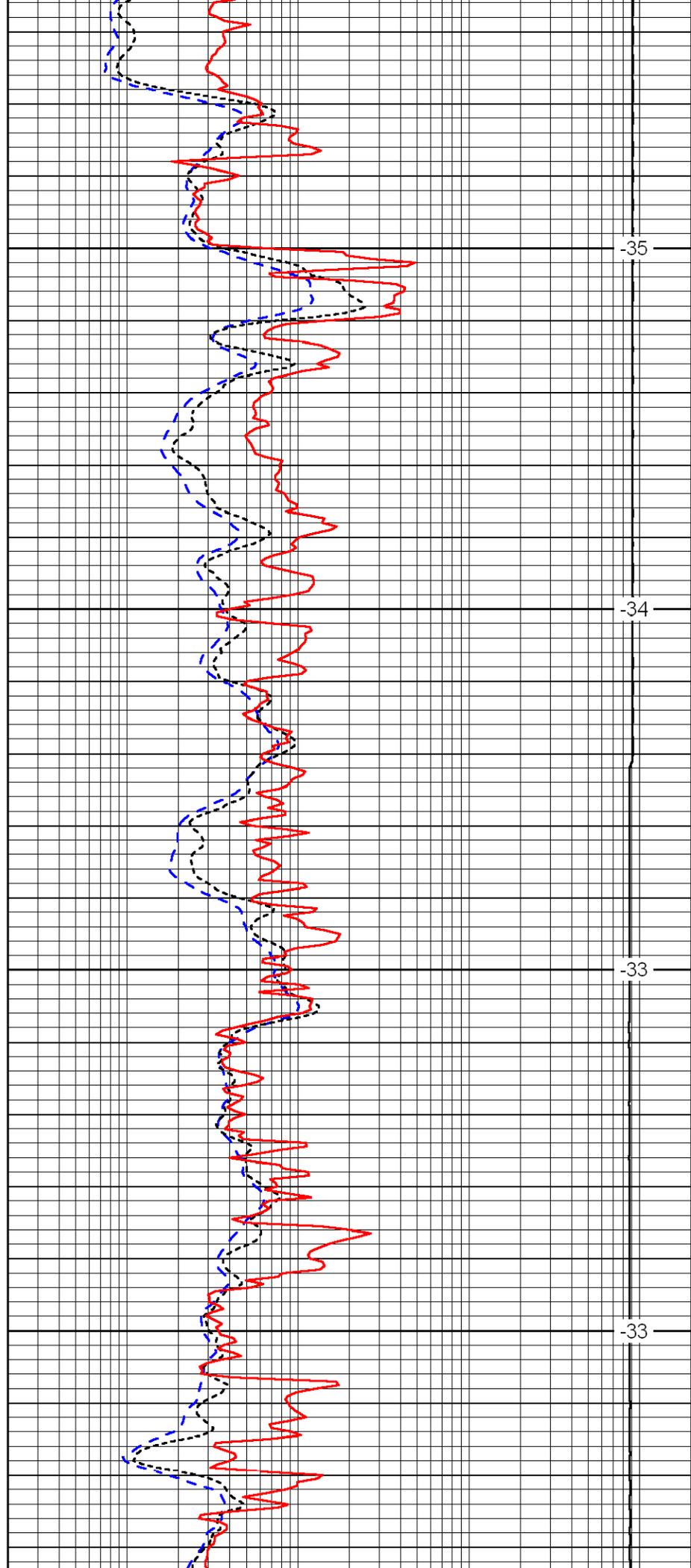


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2300

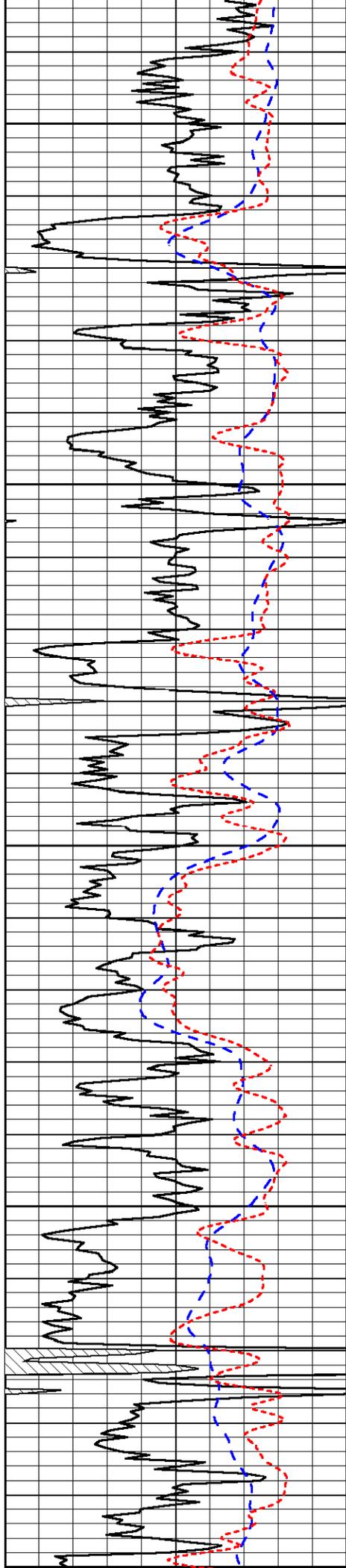


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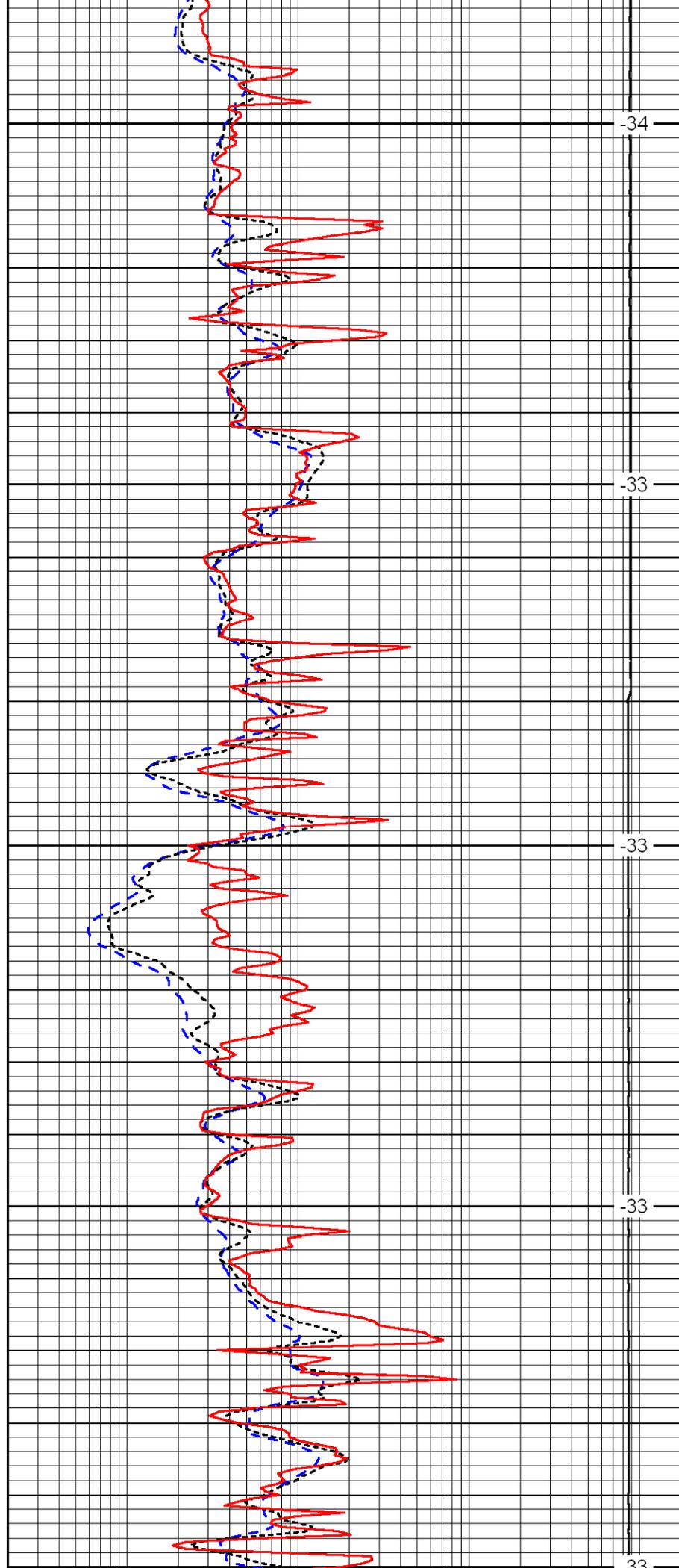
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2450

2500

2550



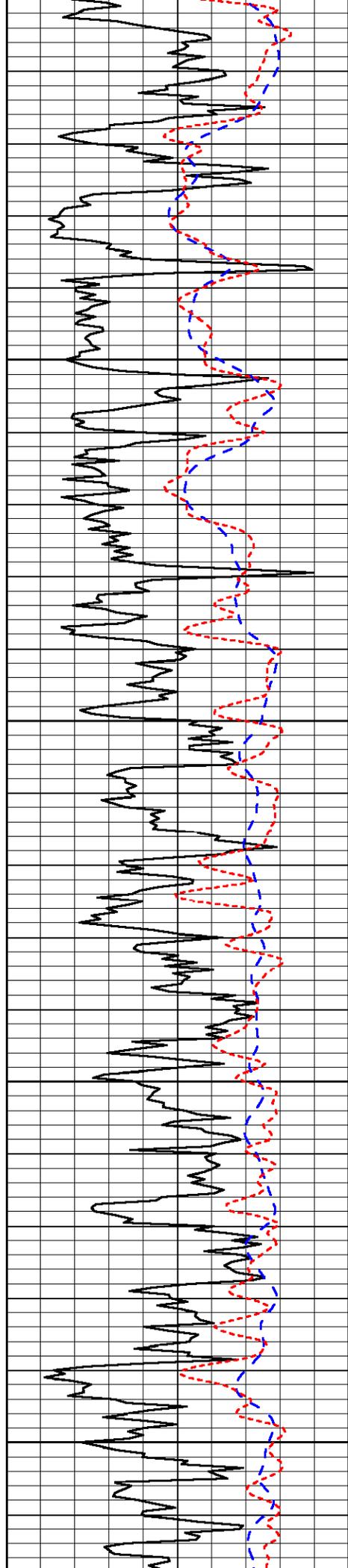
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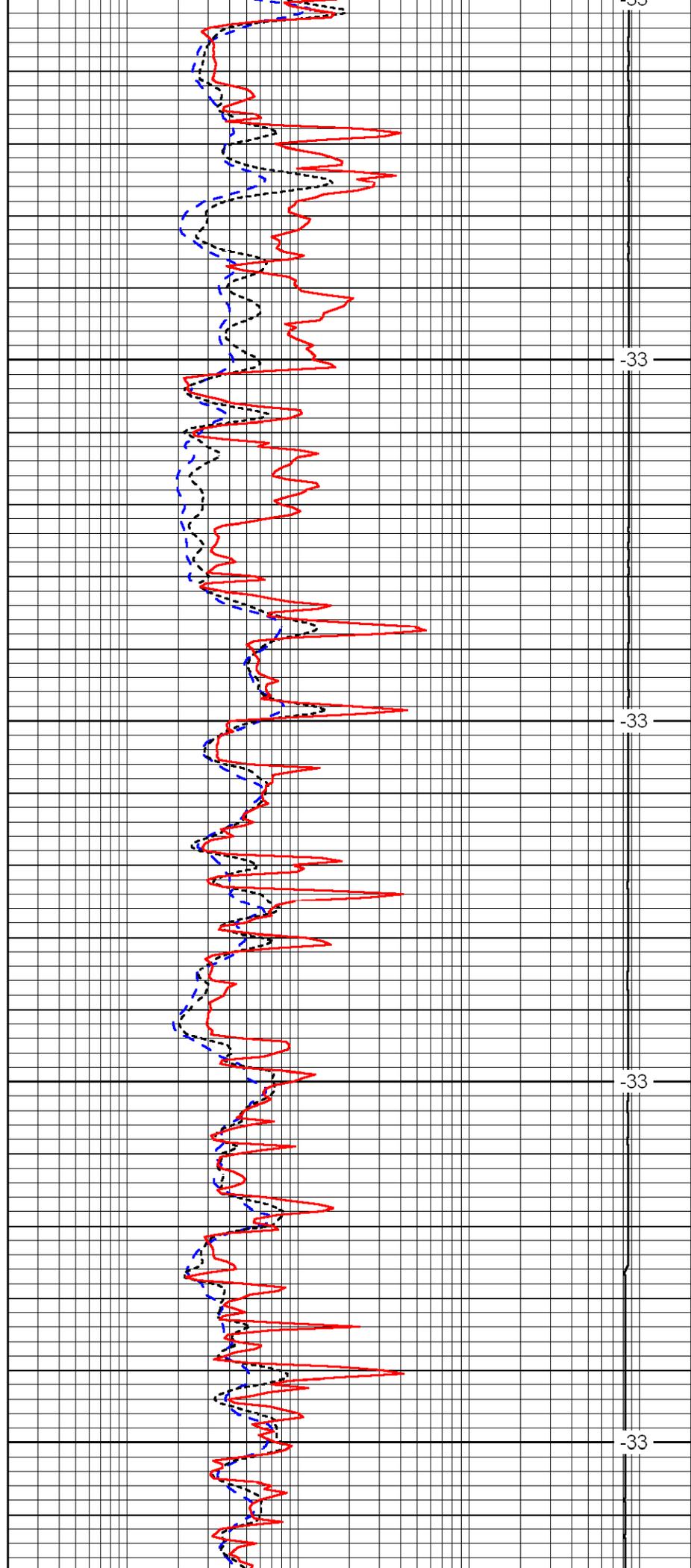
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2600

2650

2700

2750



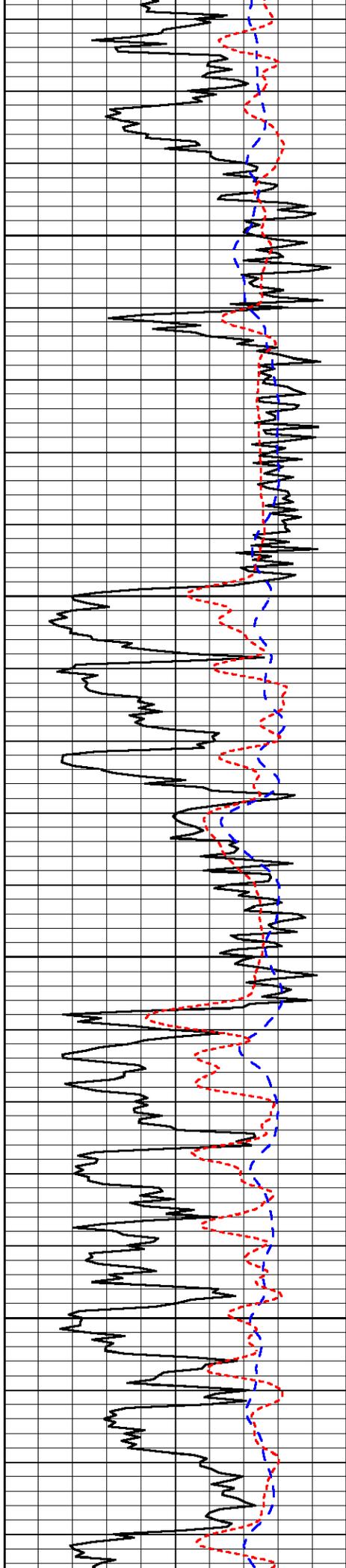
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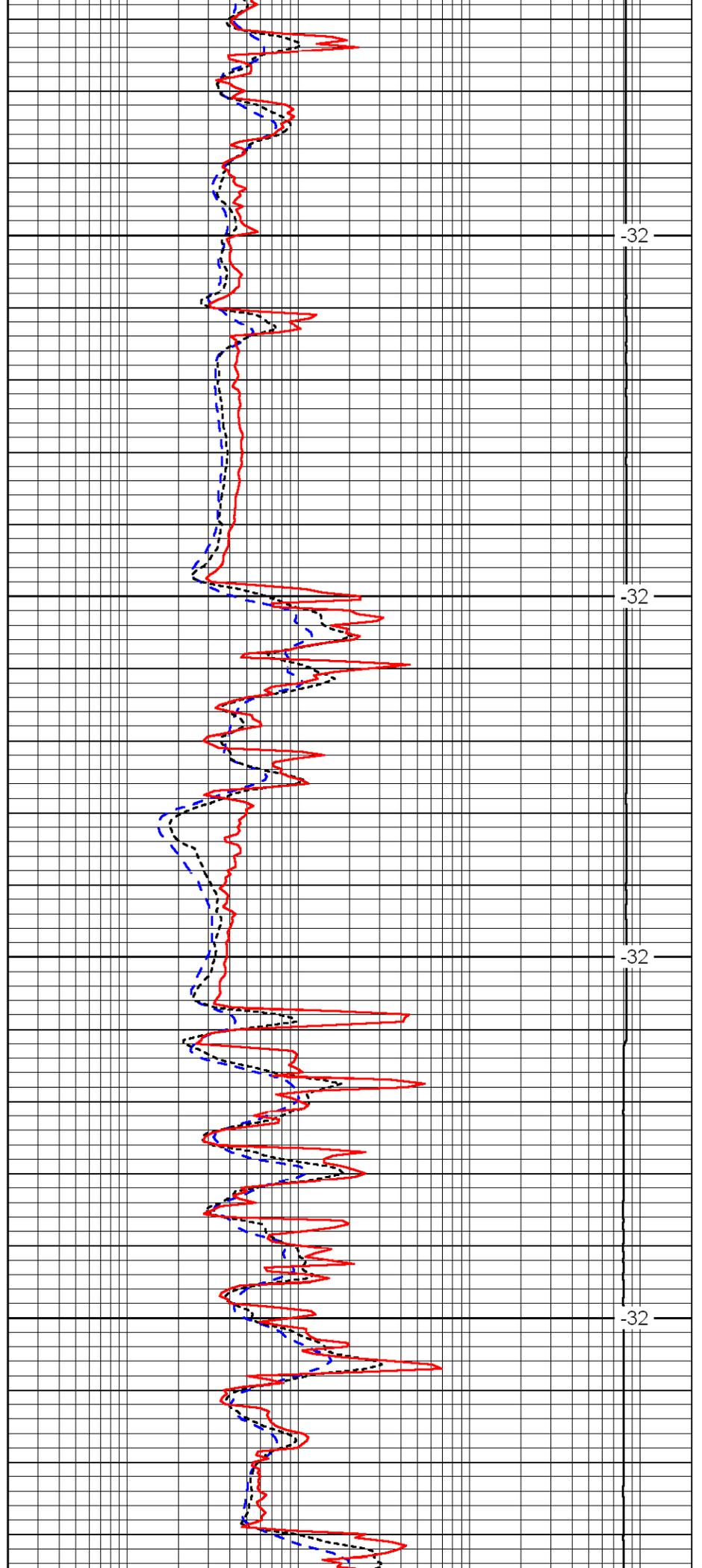


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2900

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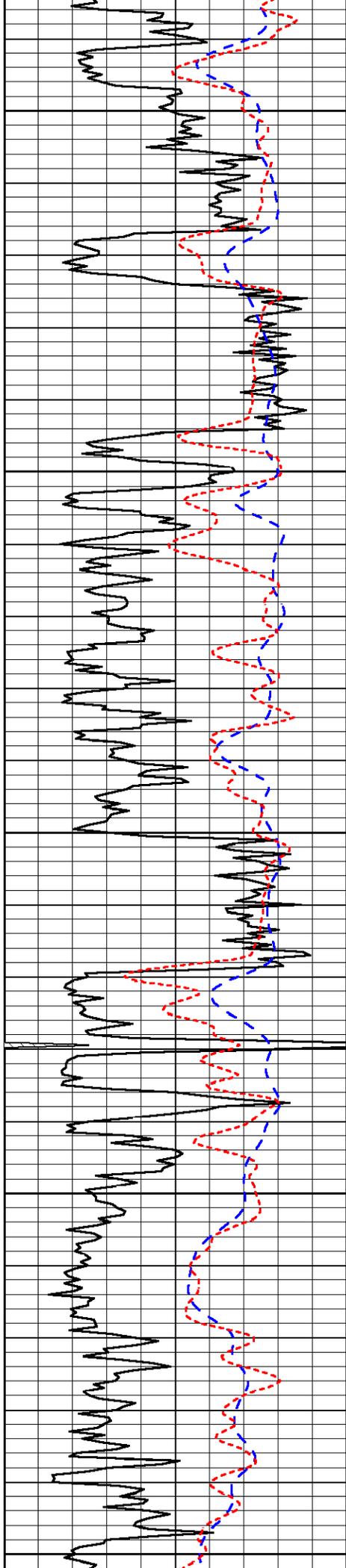


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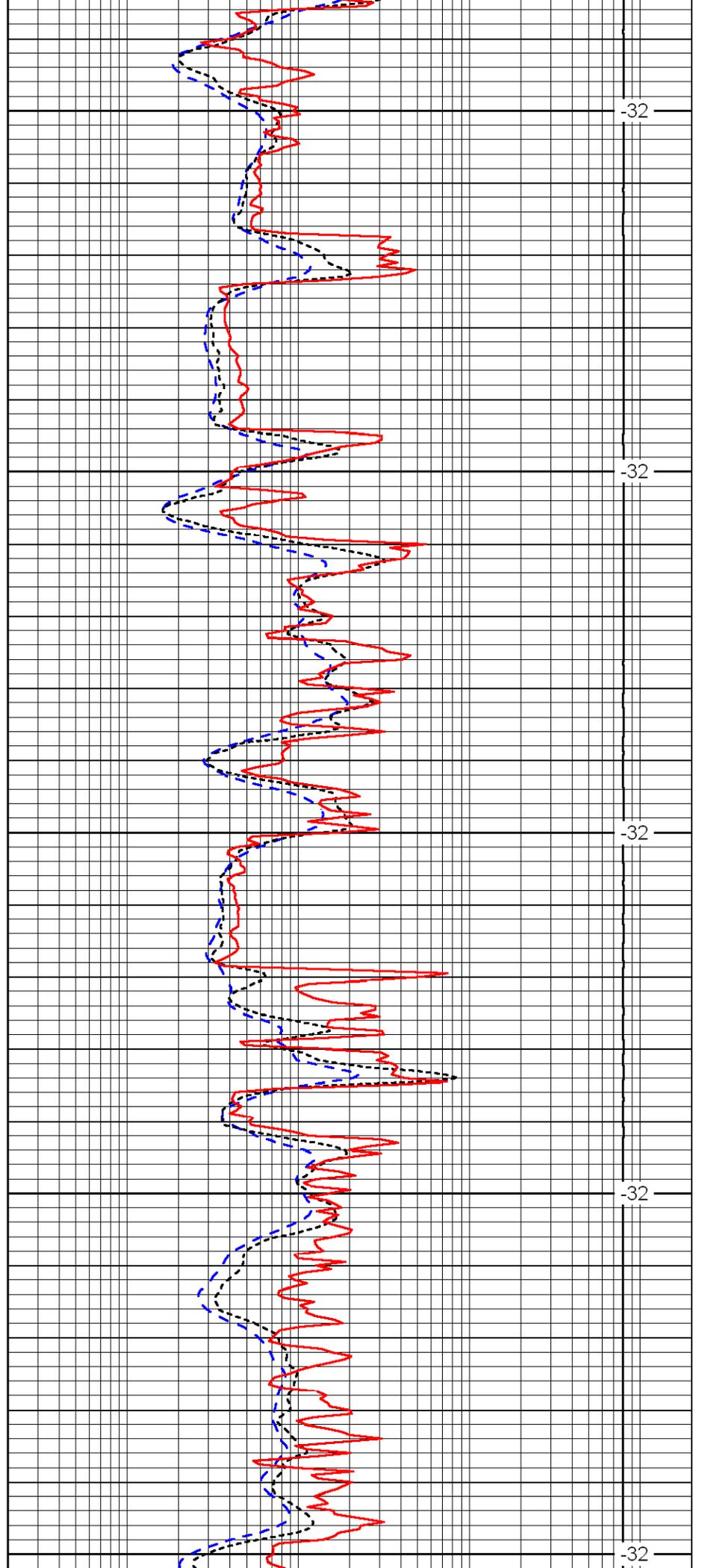
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3100

3150

3200



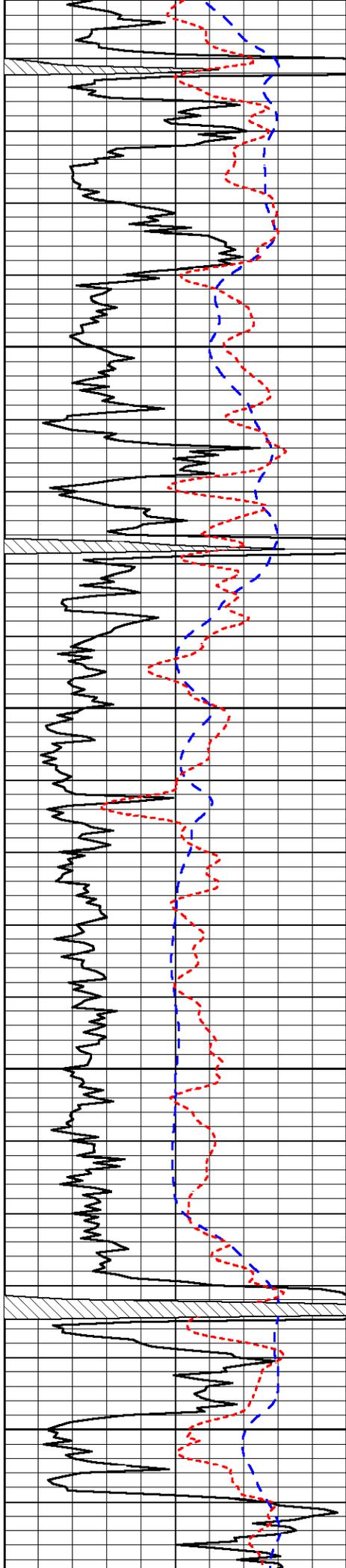
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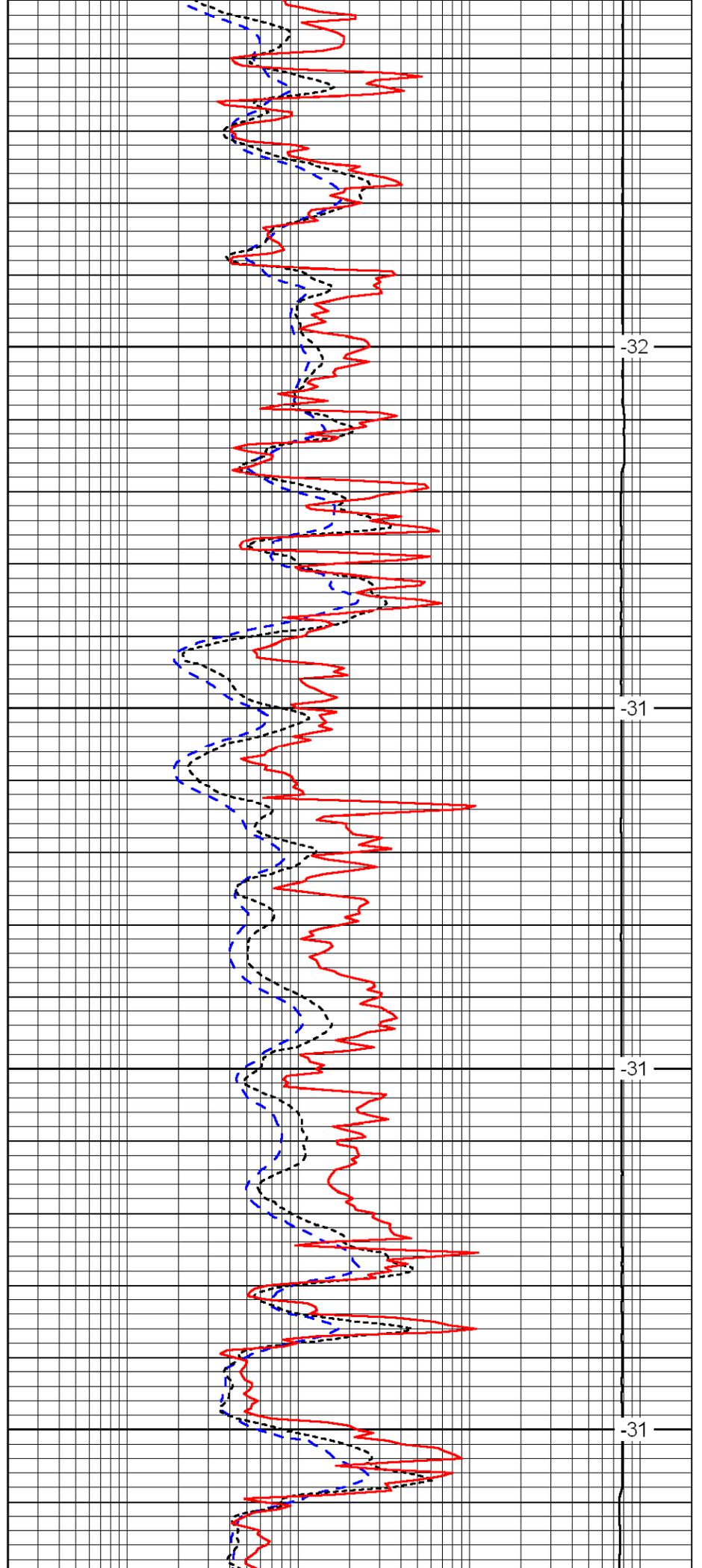


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3400

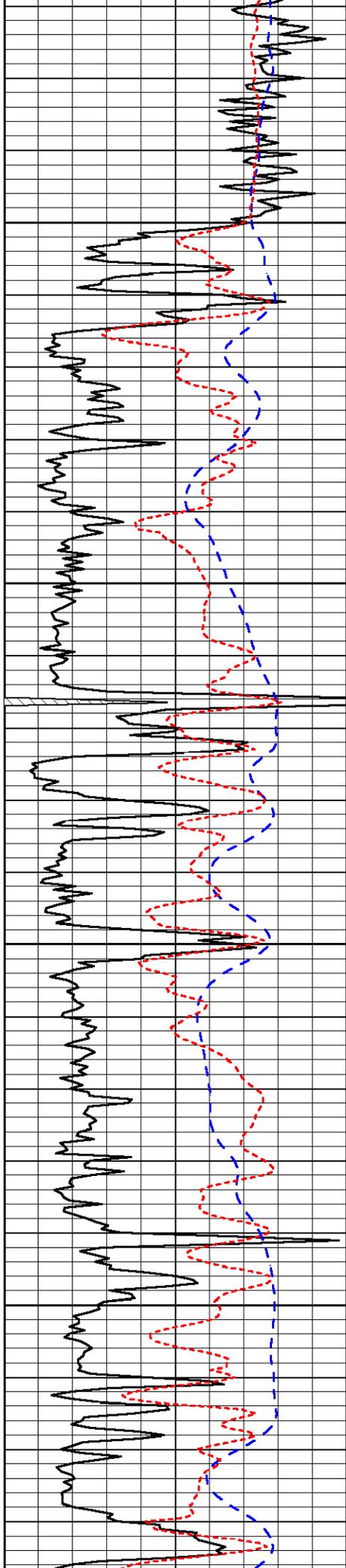


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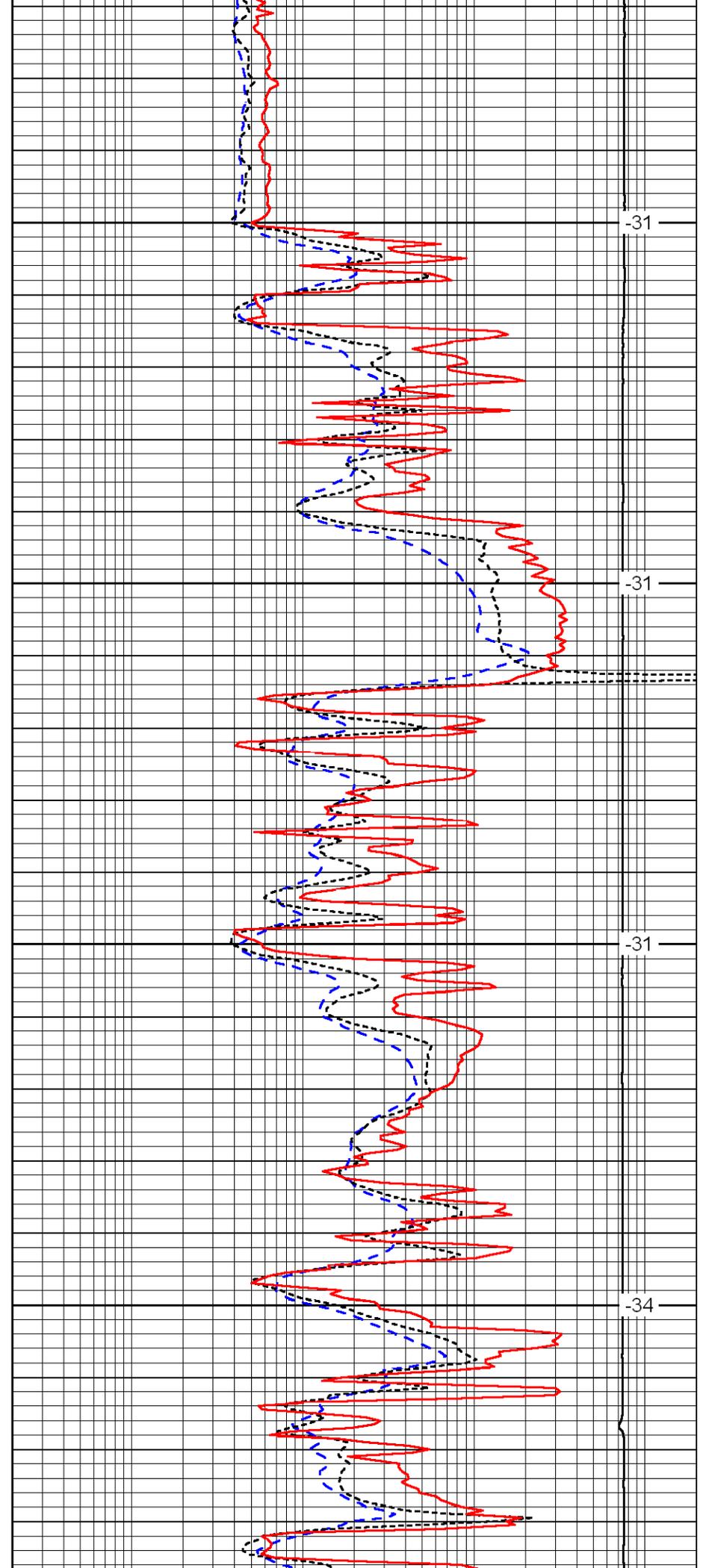


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3600

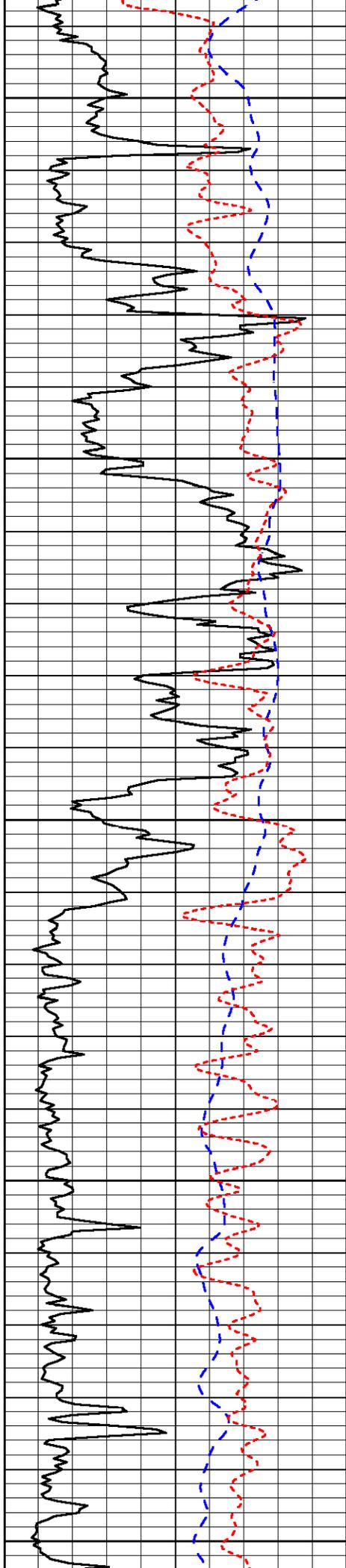


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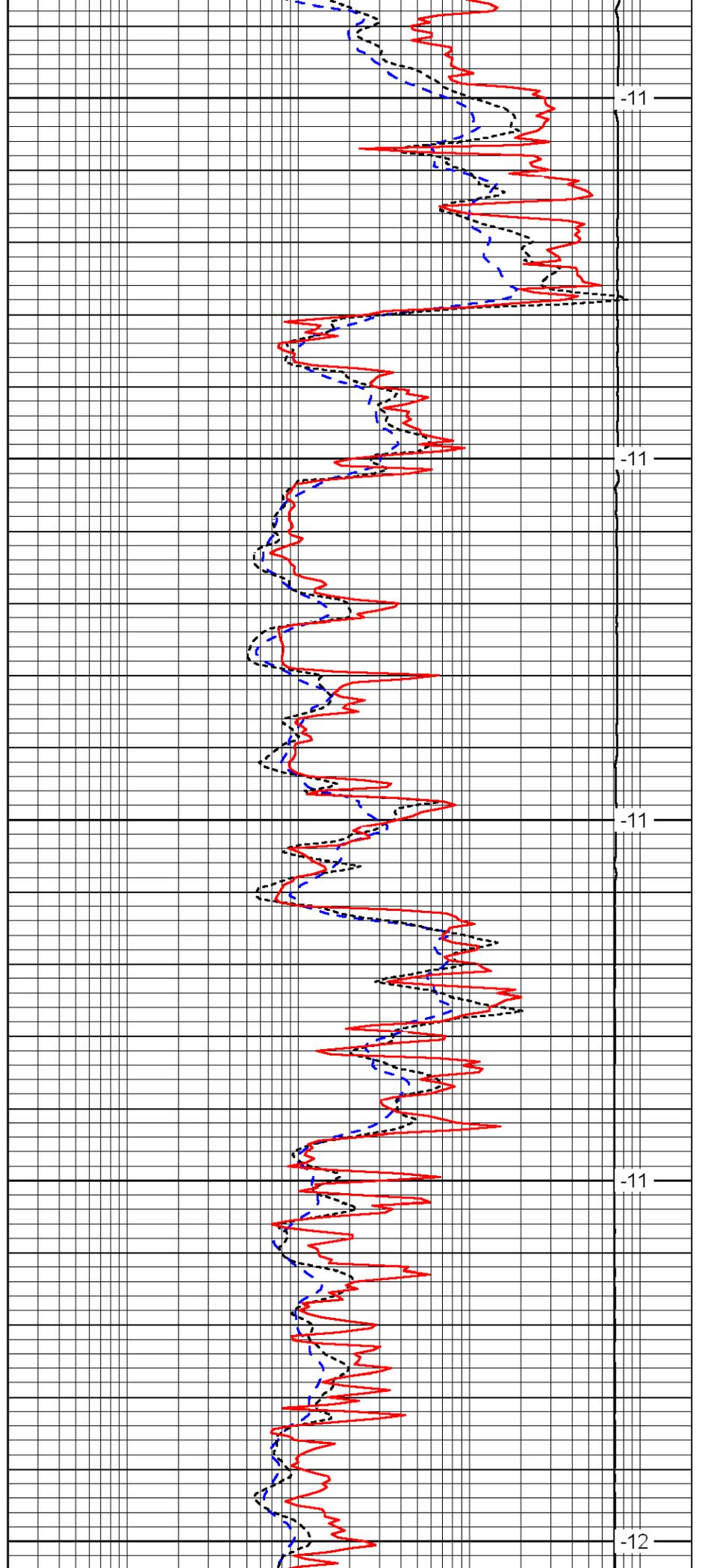
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3700

3750

3800

3850



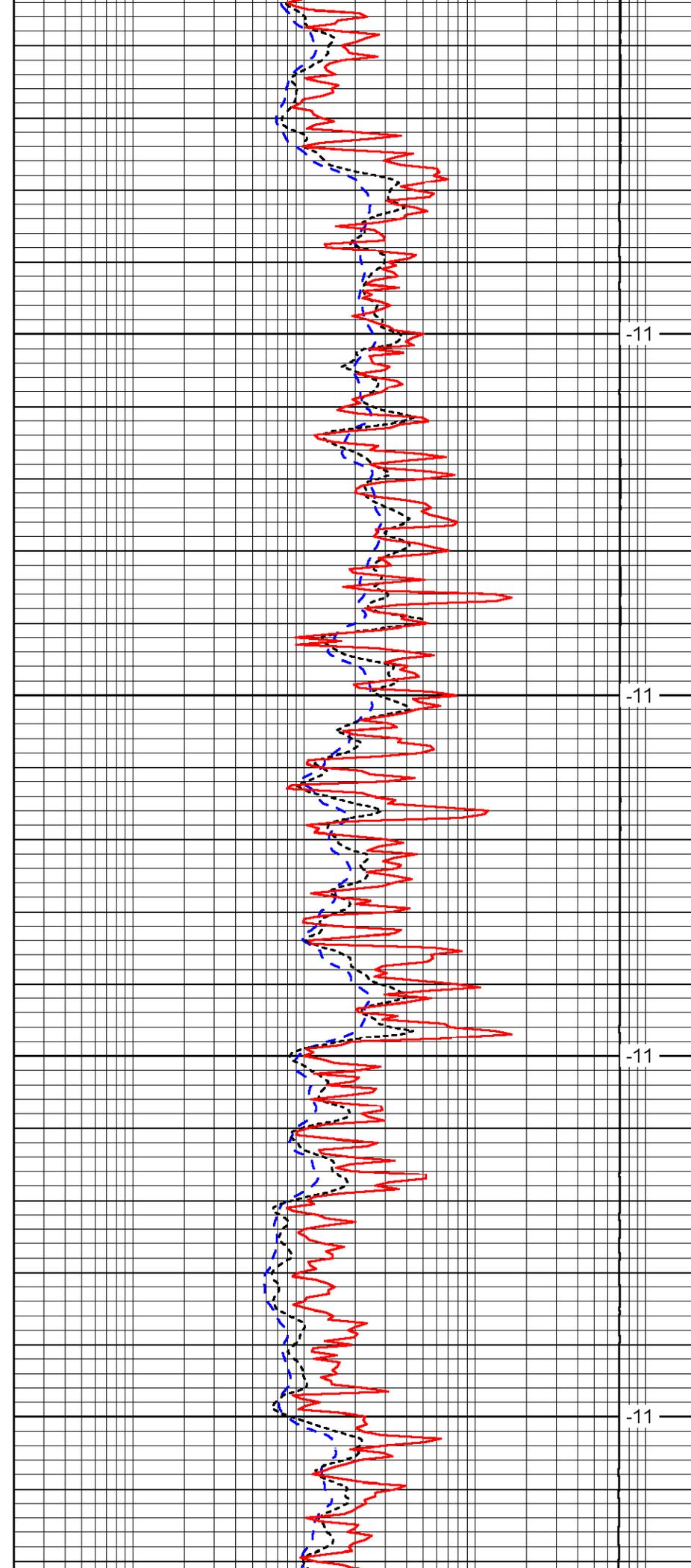
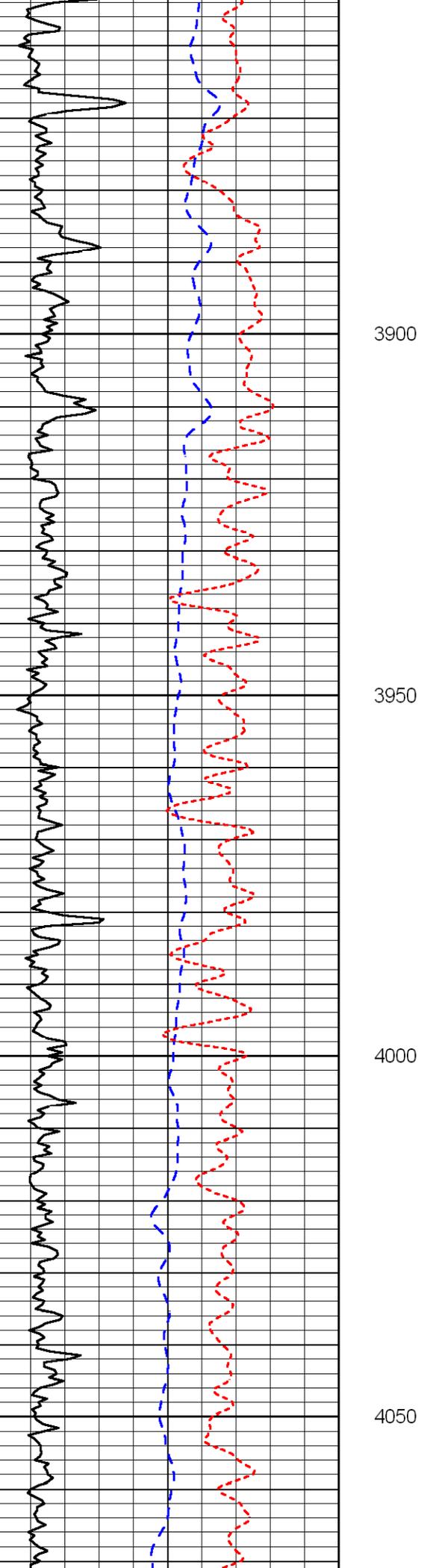
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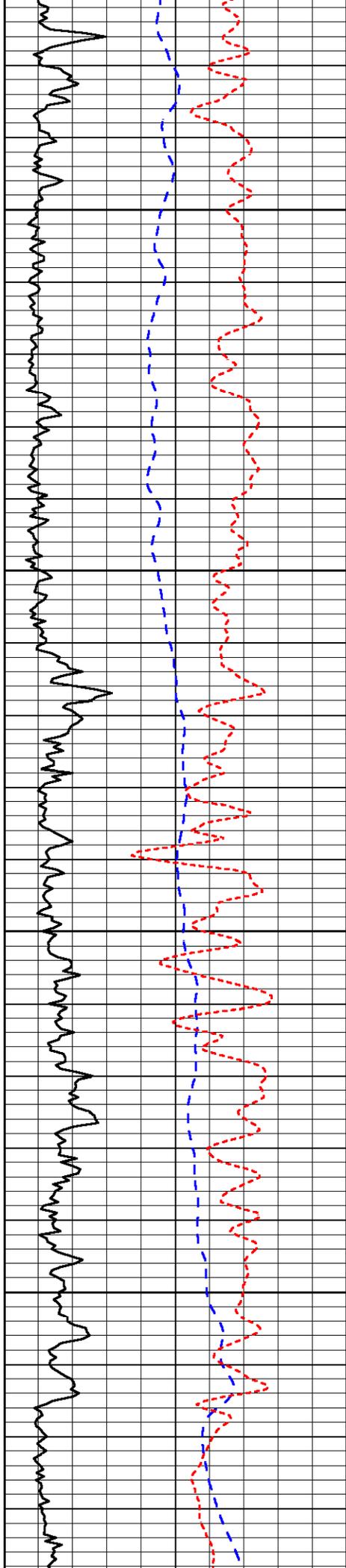
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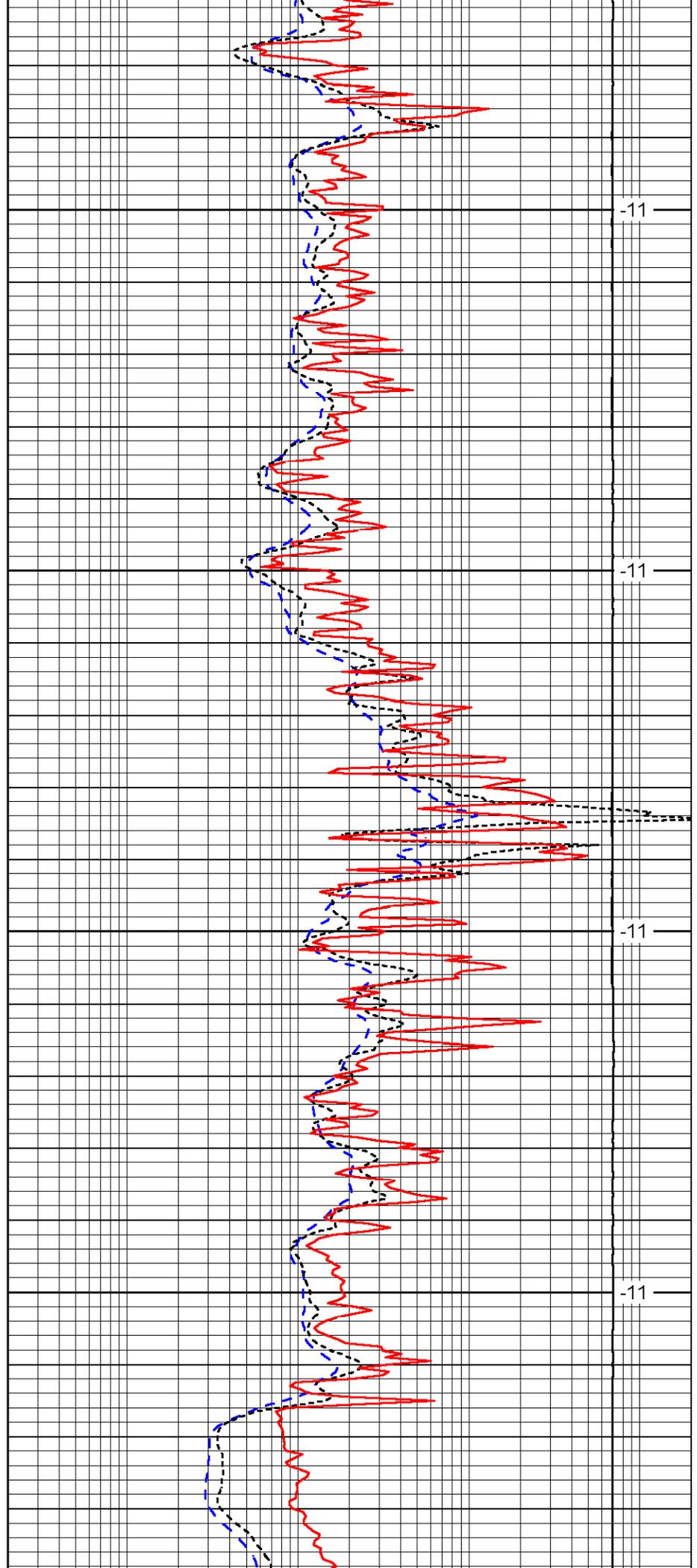


4100

4150

4200

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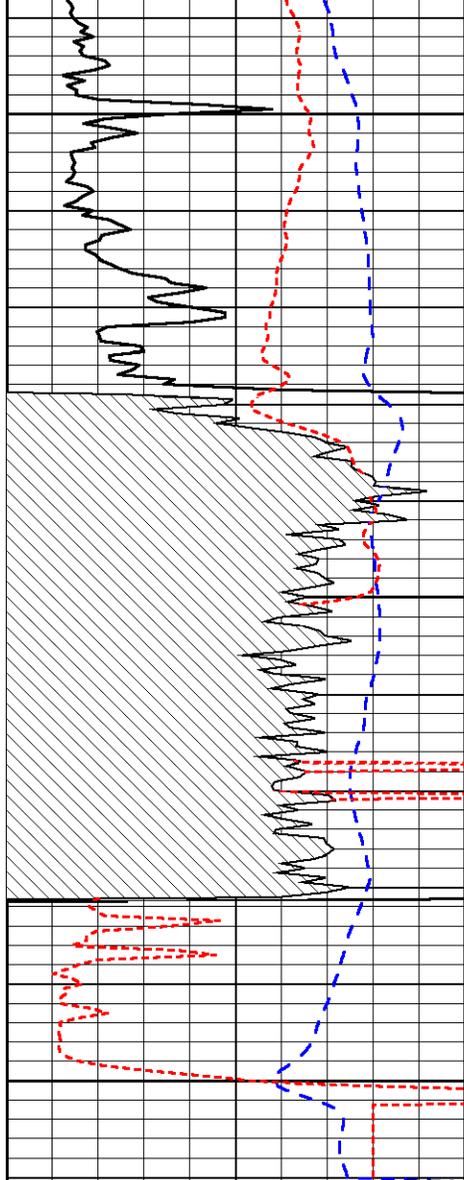


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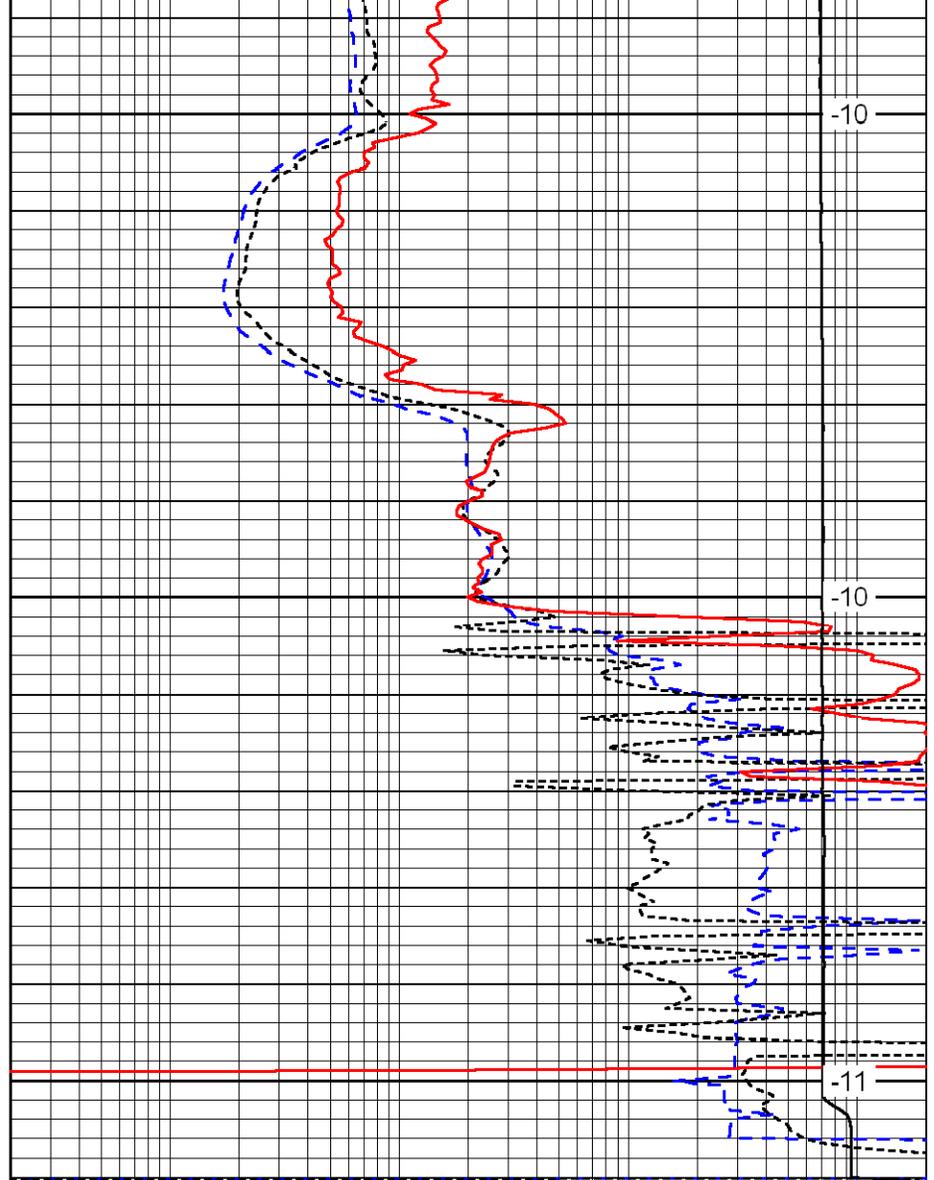


4300

4350

4400

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



-10

-10

-11

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

LSPD
(ft/min)