



Pioneer Energy Services

# Dual Induction Log

API No.	15-007-23,911-00-00	
Company	Indian Oil Co., Inc.	
Well	New Eloise # 1	
Field	Stranathan Pool	
County	Barber	State
		Kansas
Location	NE SW SW SE 462' FSL & 2275' FEL	
Sec: 6	Twp: 35 S	Rge: 11 W
Permanent Datum	Ground Level	Elevation 1376
Log Measured From	Kelly Bushing	11 Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing	
		Other Services CNL/CDL
		Elevation K.B. 1387 D.F. 1376 G.L. 1376

Date	7/30/2012
Run Number	One
Depth Driller	5247
Depth Logger	5245
Bottom Logged Interval	5244
Top Log Interval	700
Casing Driller	8.625 @ 750
Casing Logger	743
Bit Size	7.875
Type Fluid in Hole	Chemical
Salinity, ppm CL	5,000
Density / Viscosity	8.8 61
pH / Fluid Loss	10.0 10.0
Source of Sample	Flowline
Rm @ Meas. Temp	.28 @ 86
Rmf @ Meas. Temp	.21 @ 86
Rmc @ Meas. Temp	.38 @ 86
Source of Rmf / Rmc	Charts
Rm @ BHT	.19 @ 128
Operating Rig Time	3 1/2 Hours
Max Rec. Temp. F	128
Equipment Number	17
Location	Hays
Recorded By	D. Martin
Witnessed By	Scott Alberg

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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  
  
Medicine Lodge, KS  
S to Hwy 2, 3/4 E, N Into

Database File: indhd.db  
 Dataset Pathname: DIL/indistk  
 Presentation Format: dil2in  
 Dataset Creation: Mon Jul 30 16:21:19 2012  
 Charted by: Depth in Feet scaled 1:600

0 Gamma Ray 150  
-200 SP 0

0 Shallow Resistivity 50  
0 Deep Resistivity 50

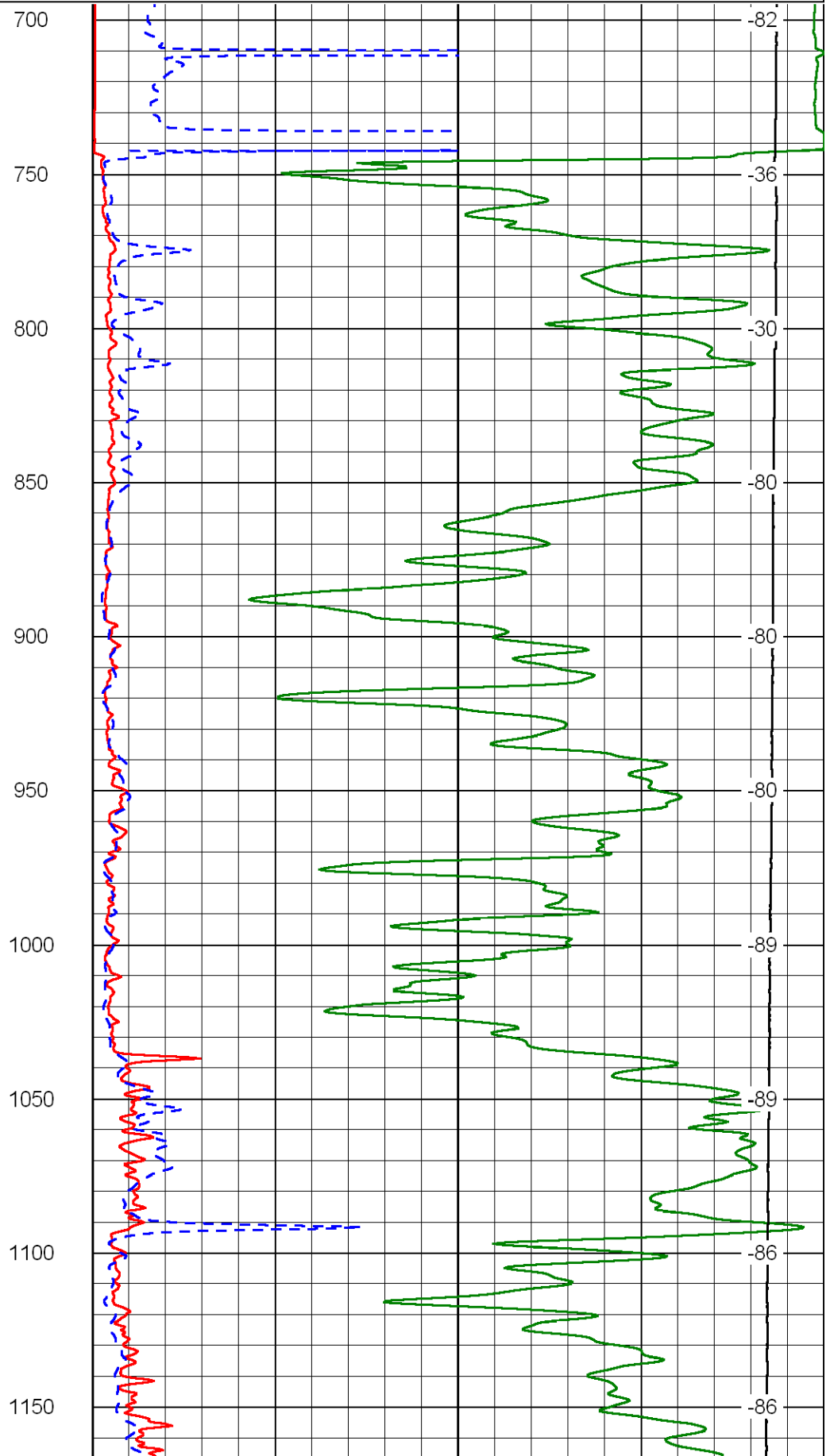
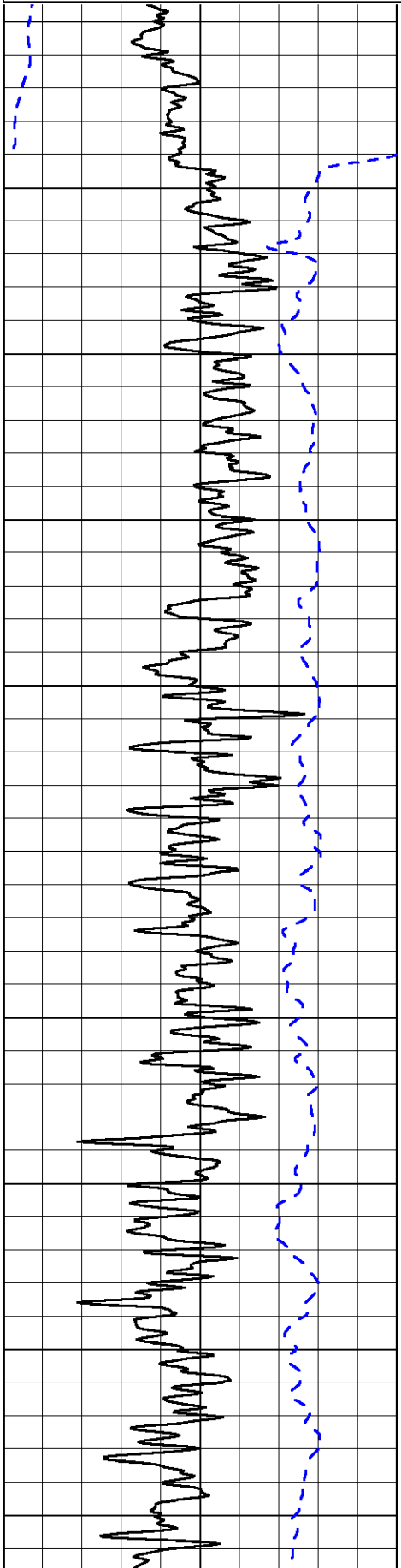
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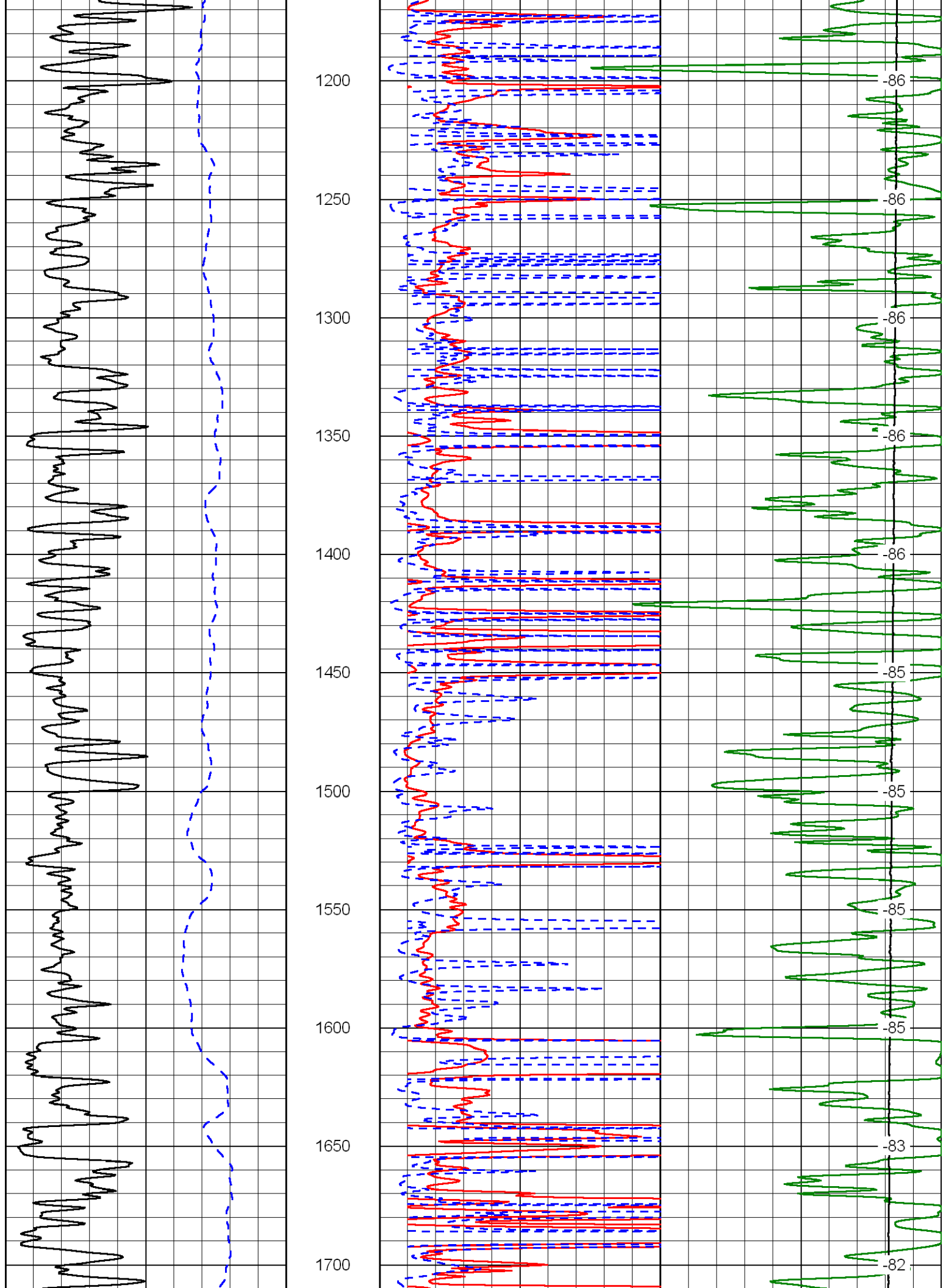
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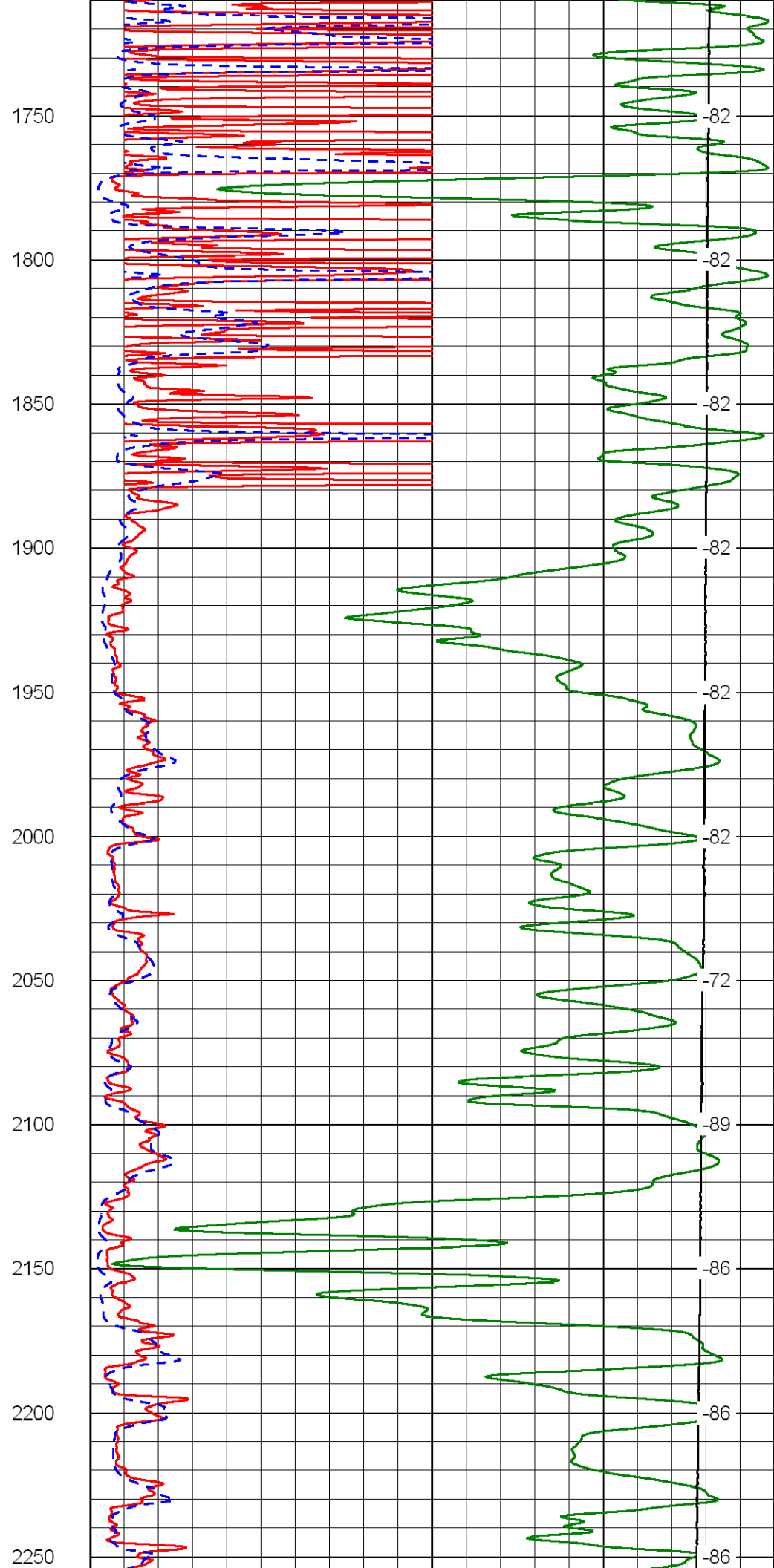
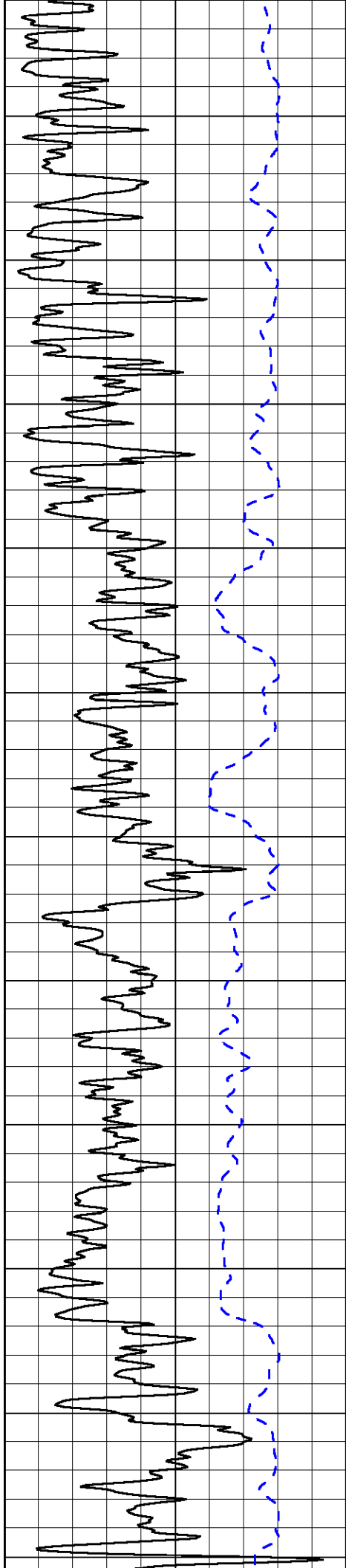
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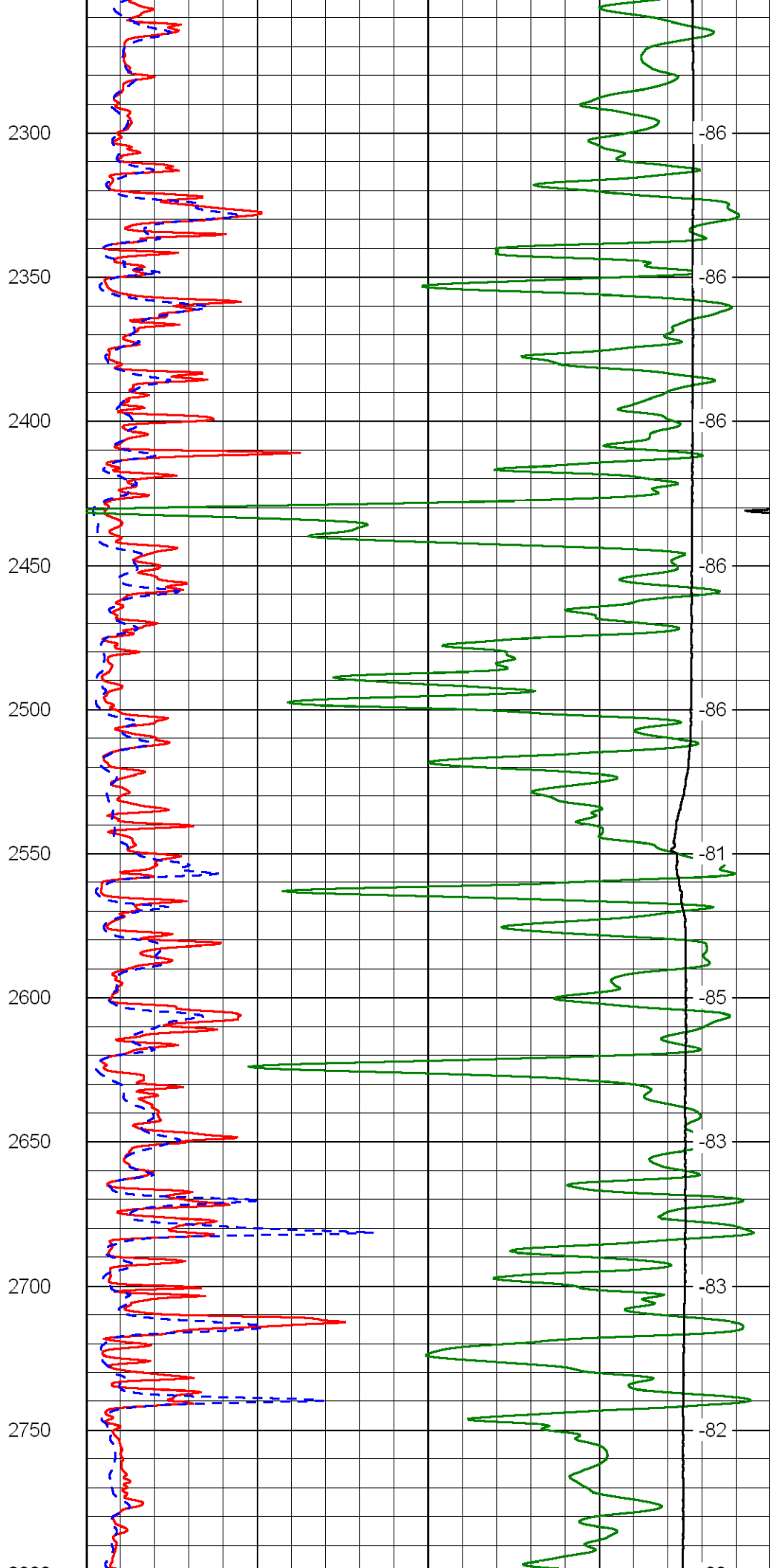
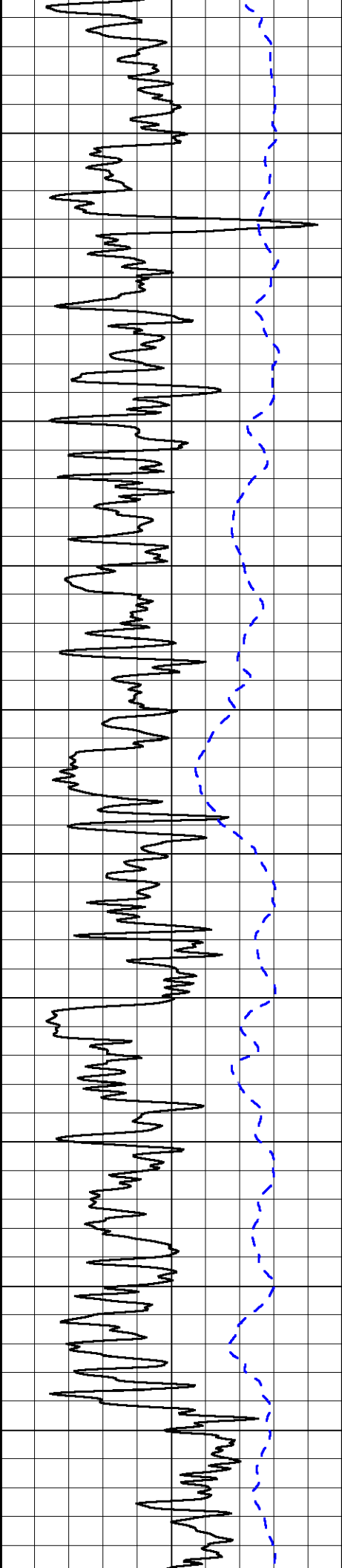
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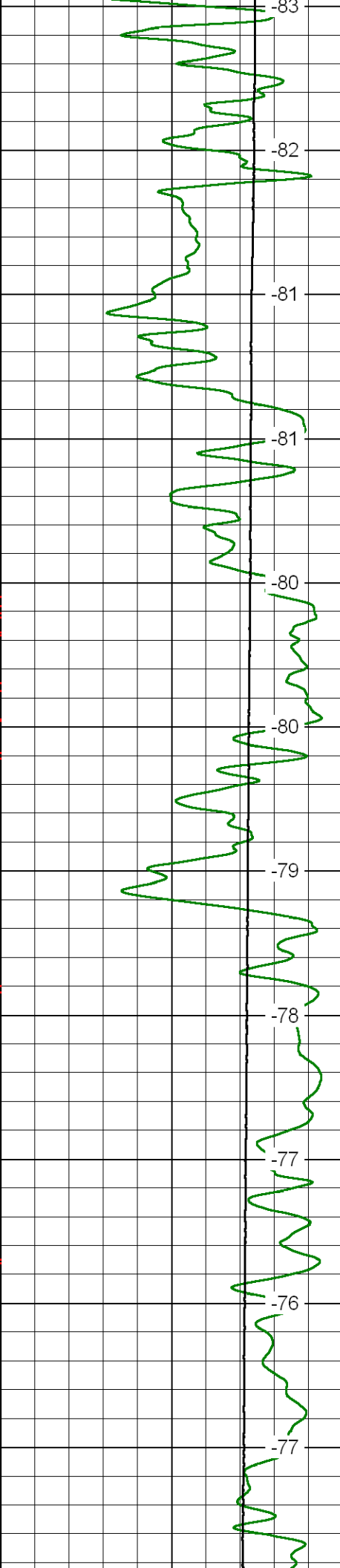
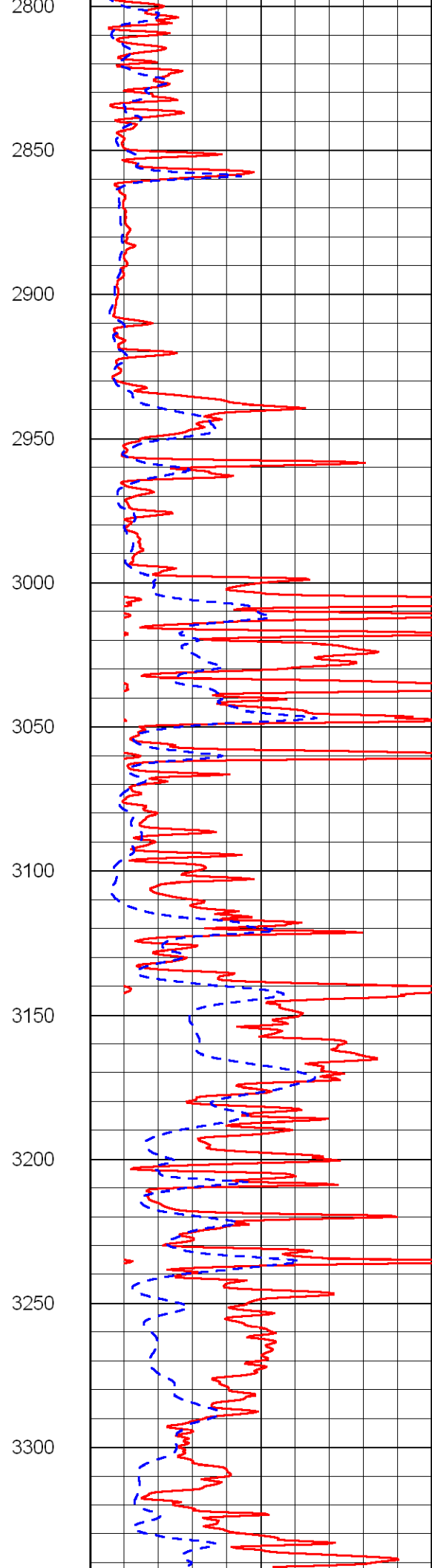
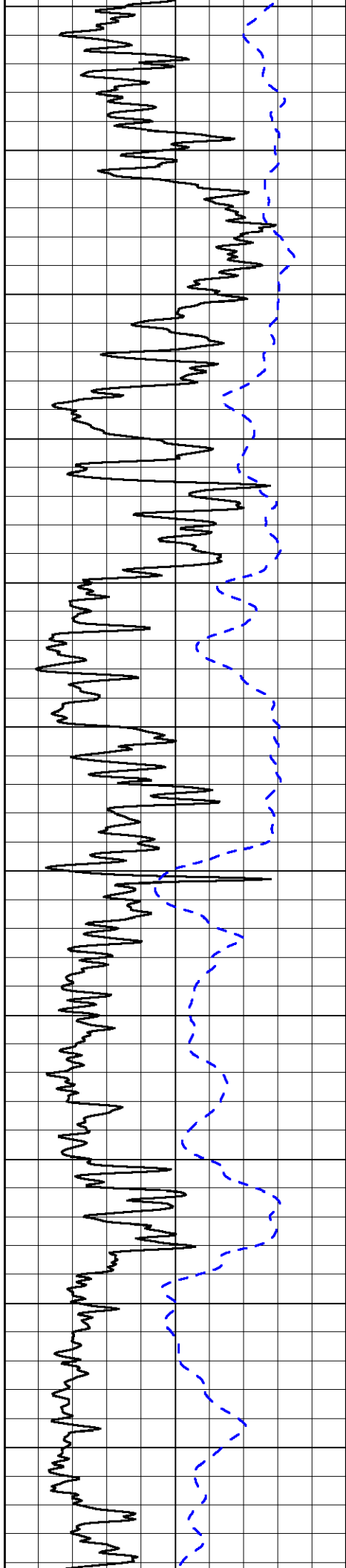
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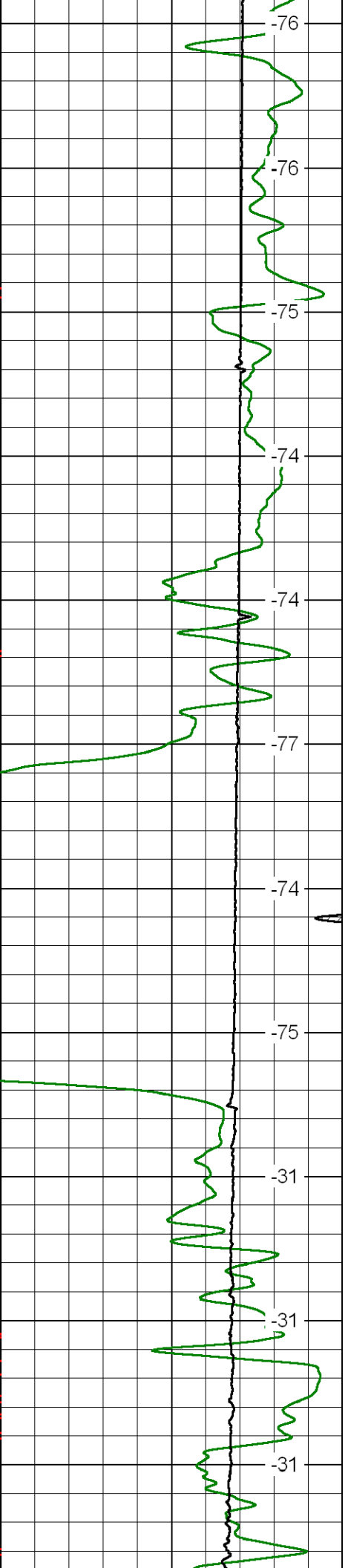
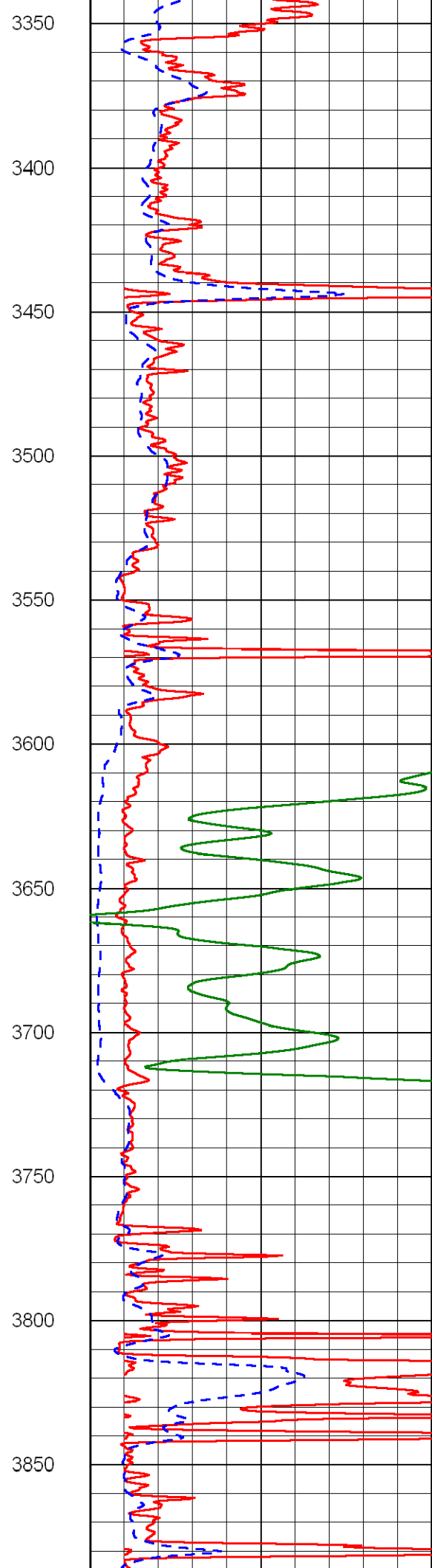
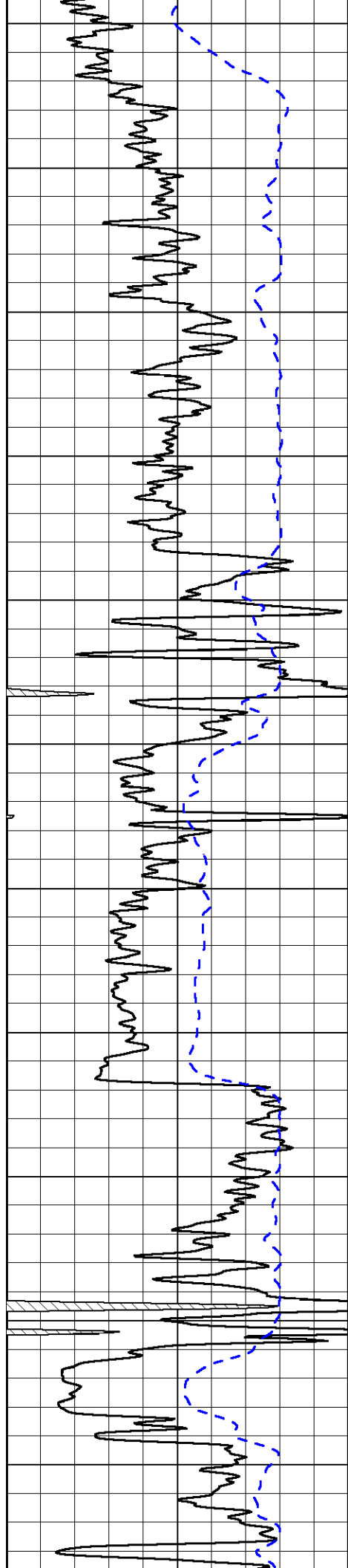


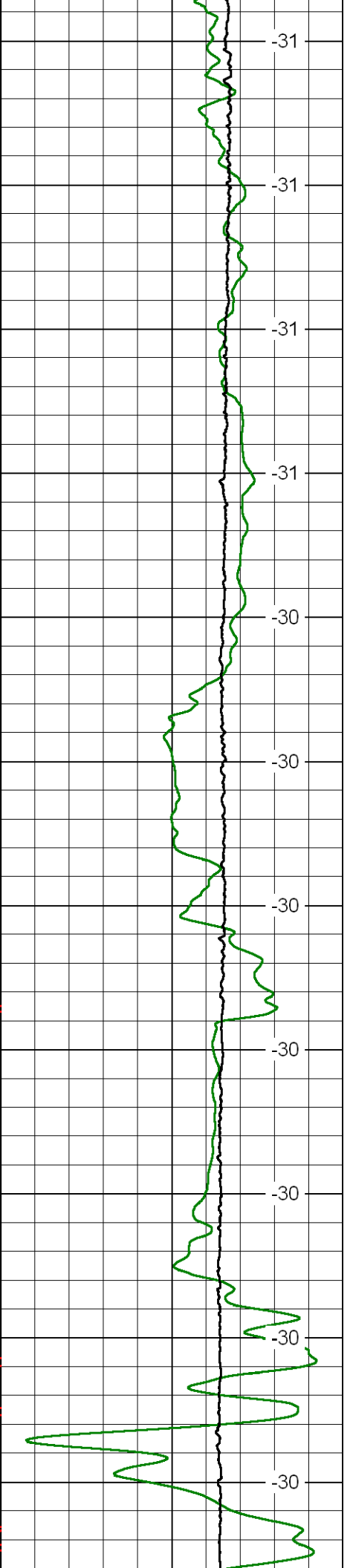
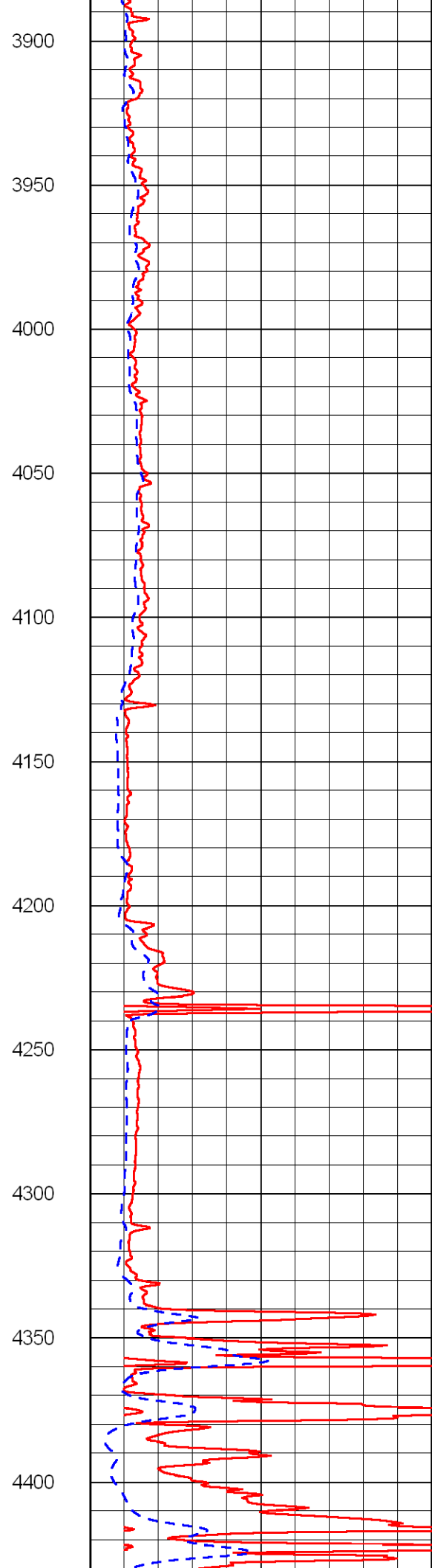
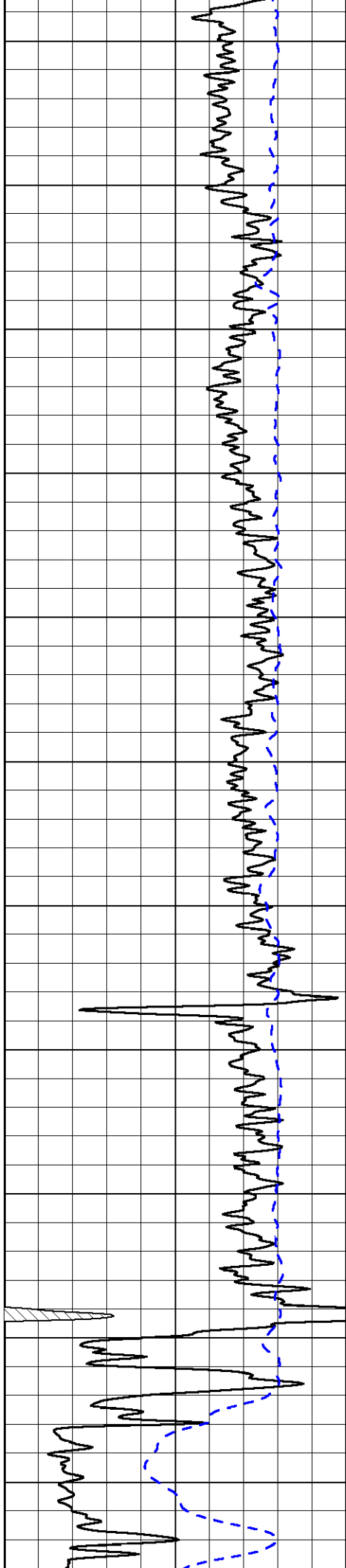


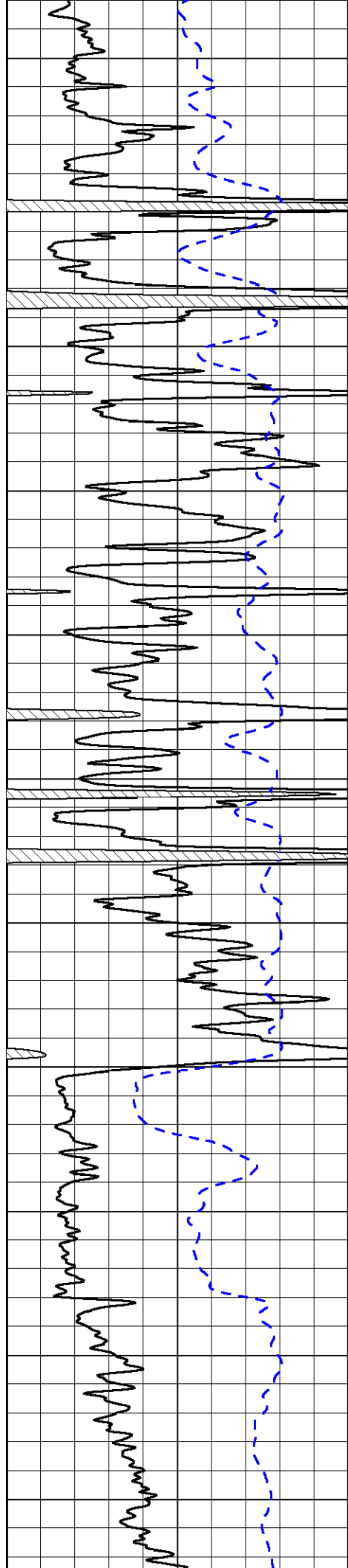












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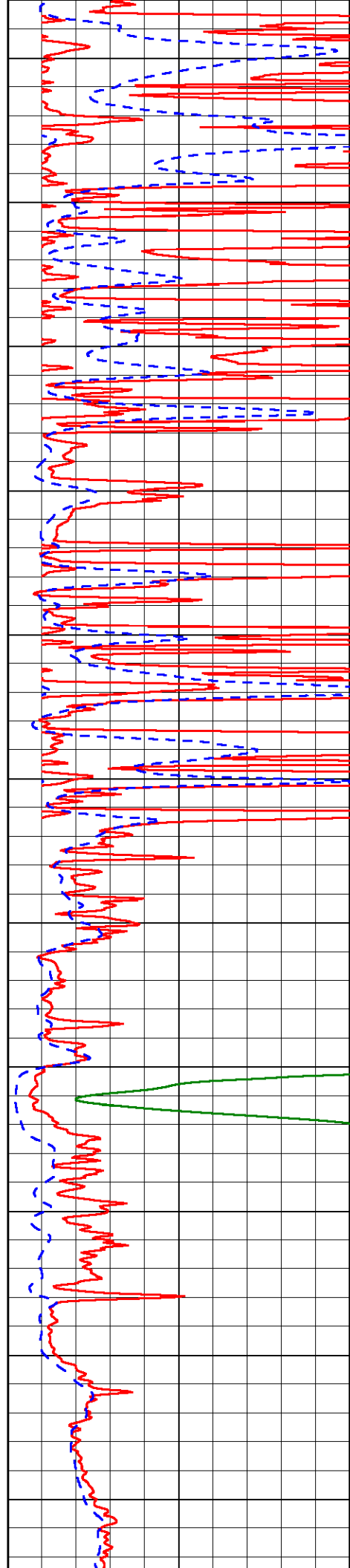
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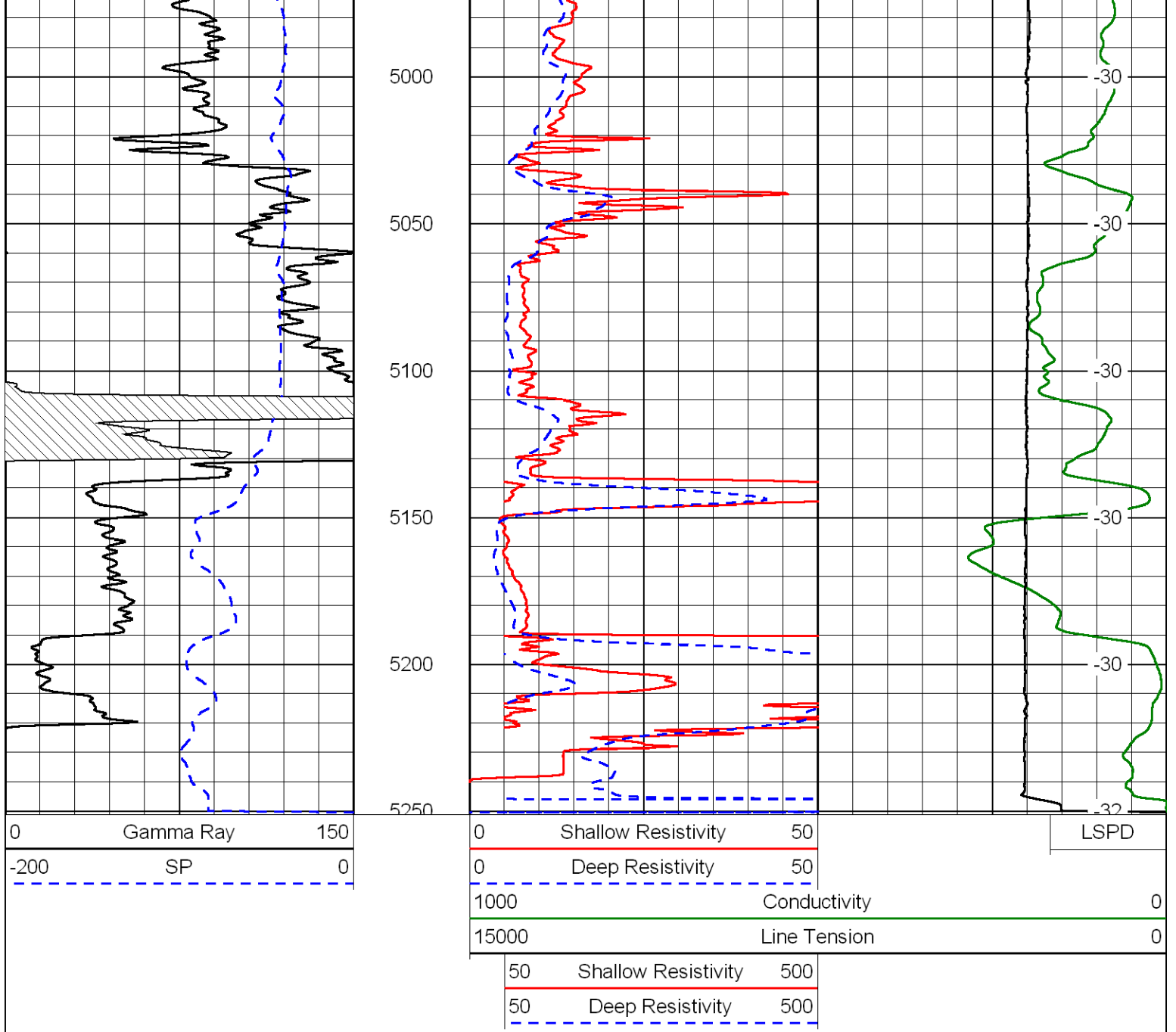
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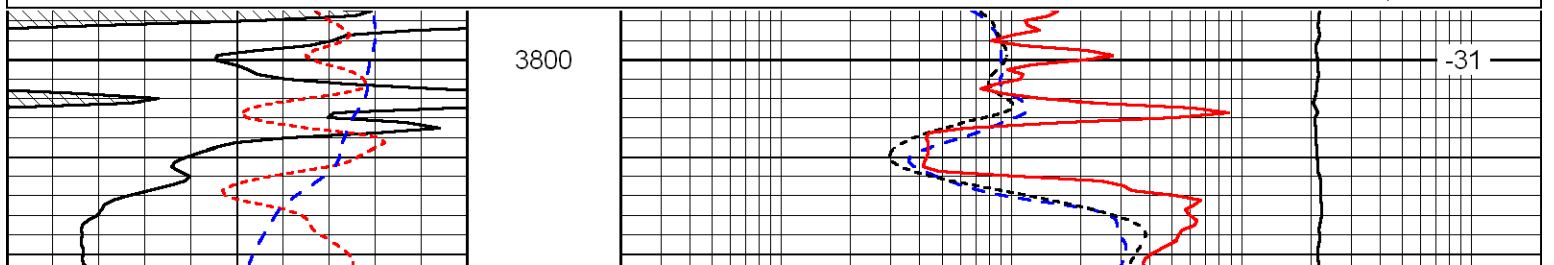
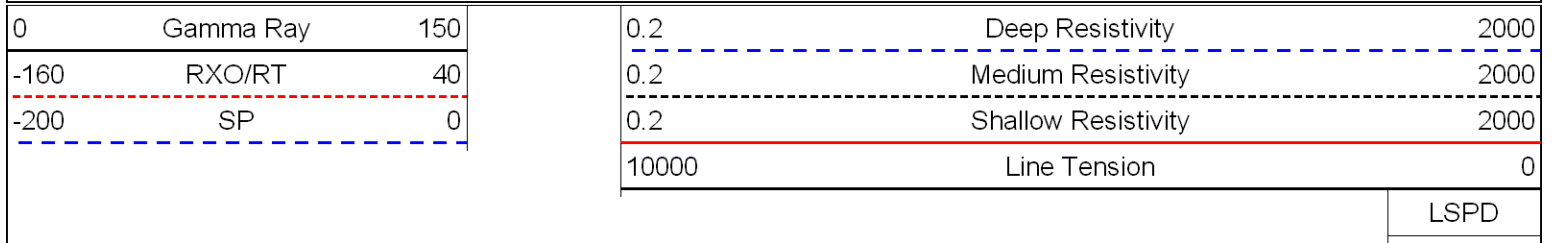
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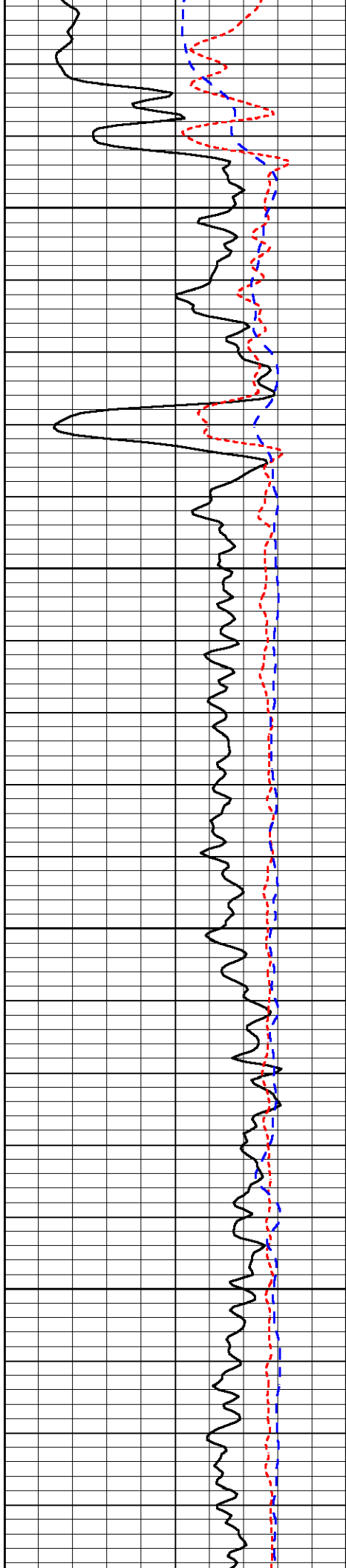
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Database File: indhd.db  
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 Presentation Format: dil  
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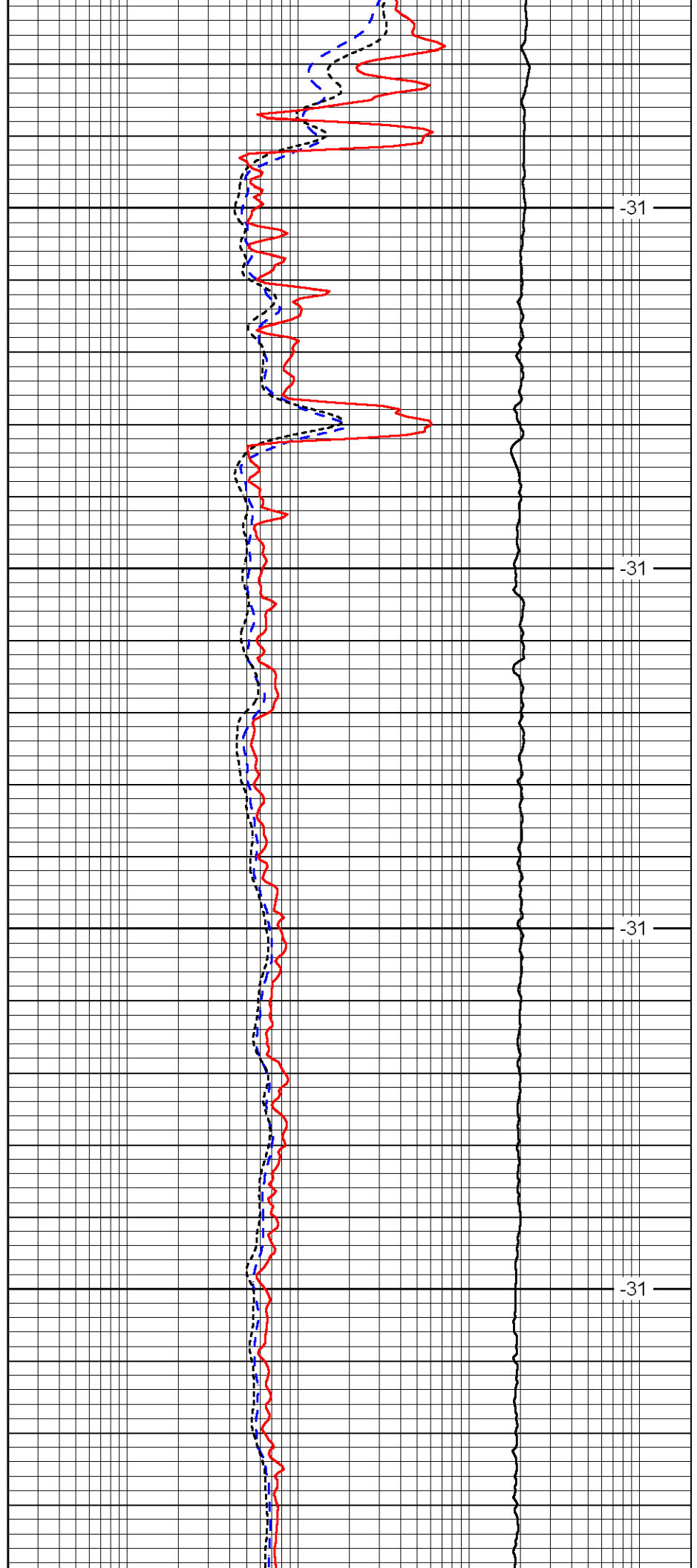


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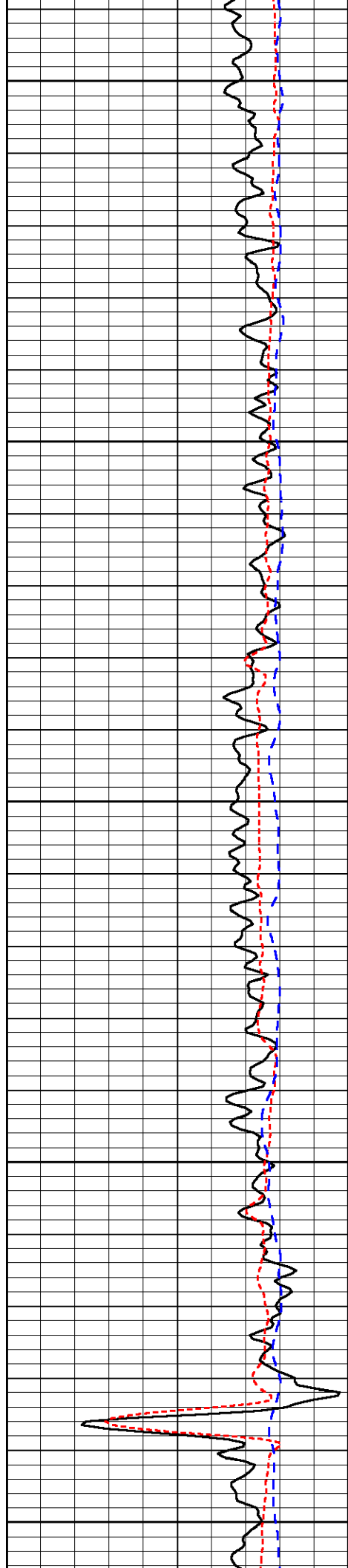


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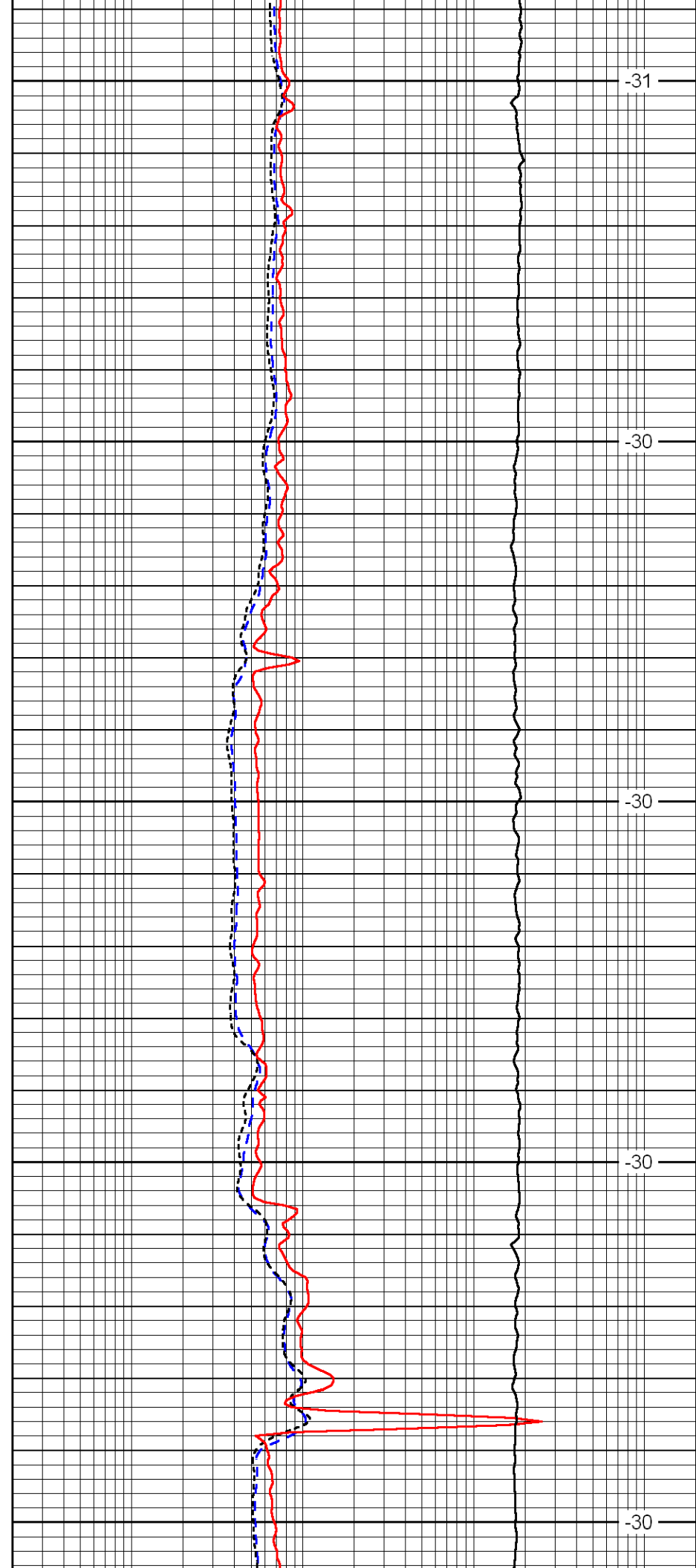
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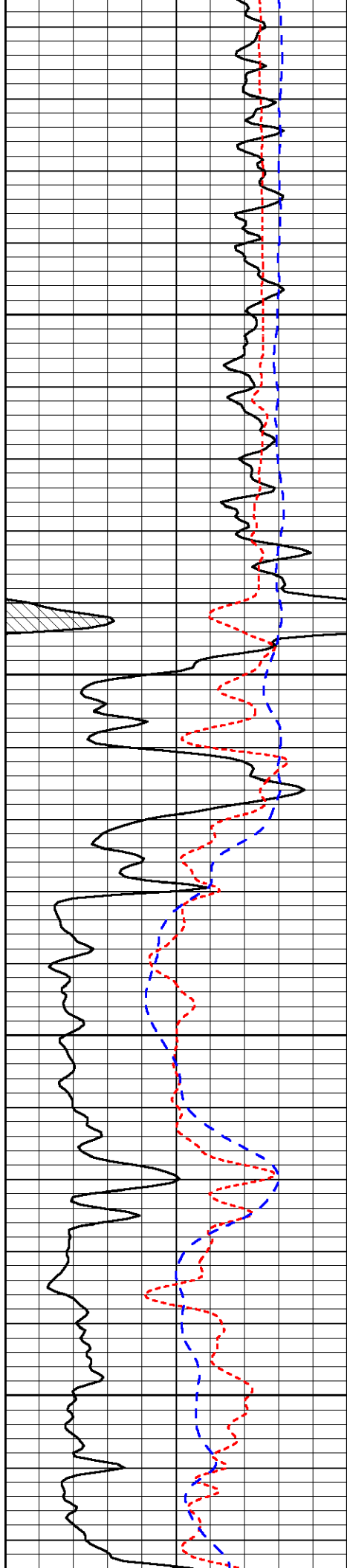
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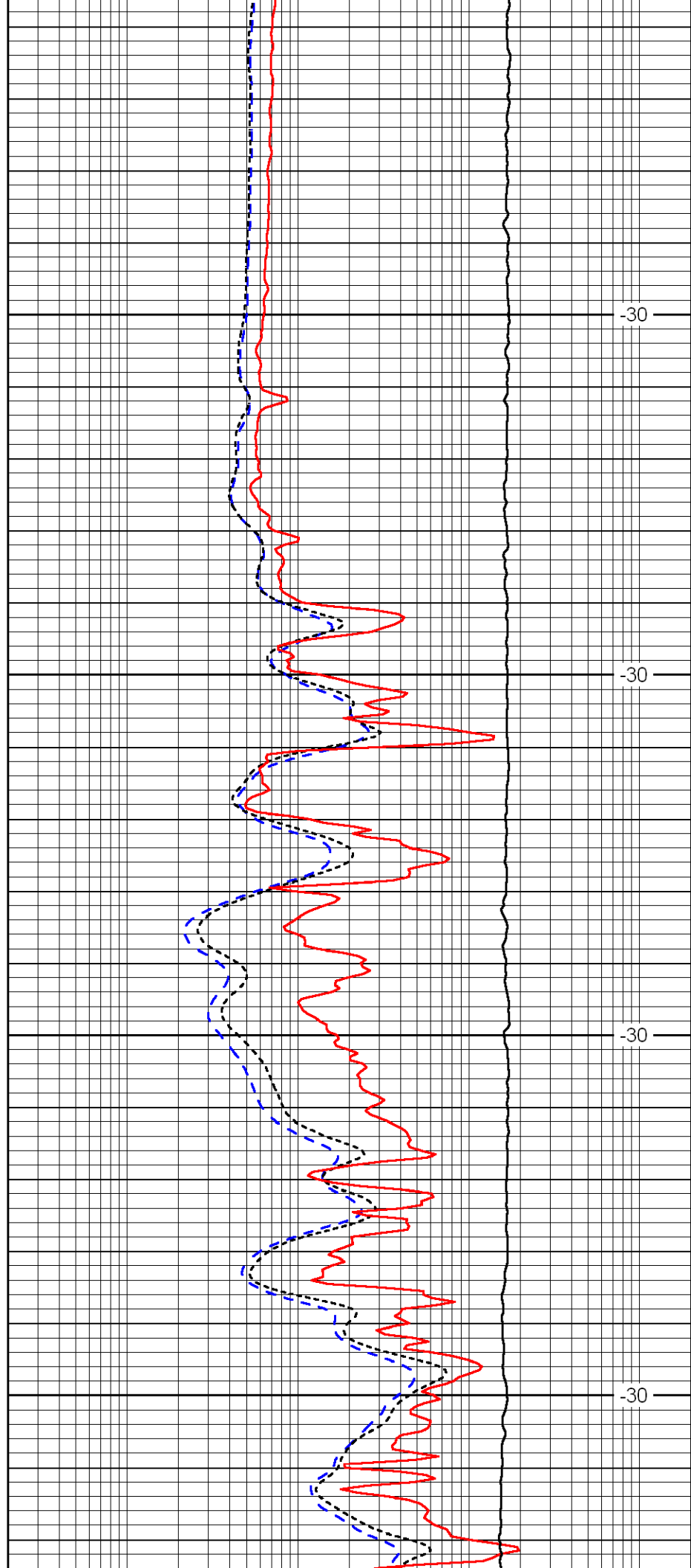


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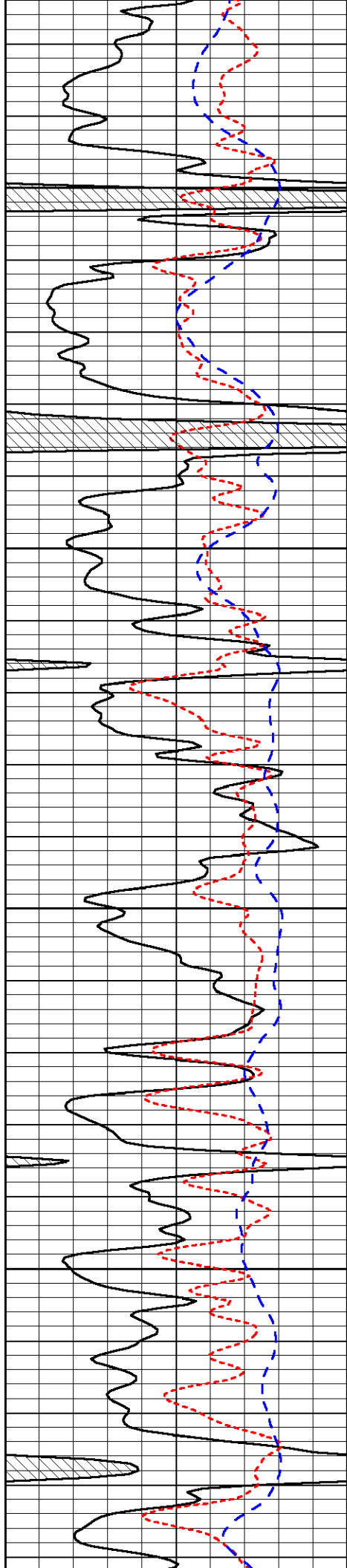


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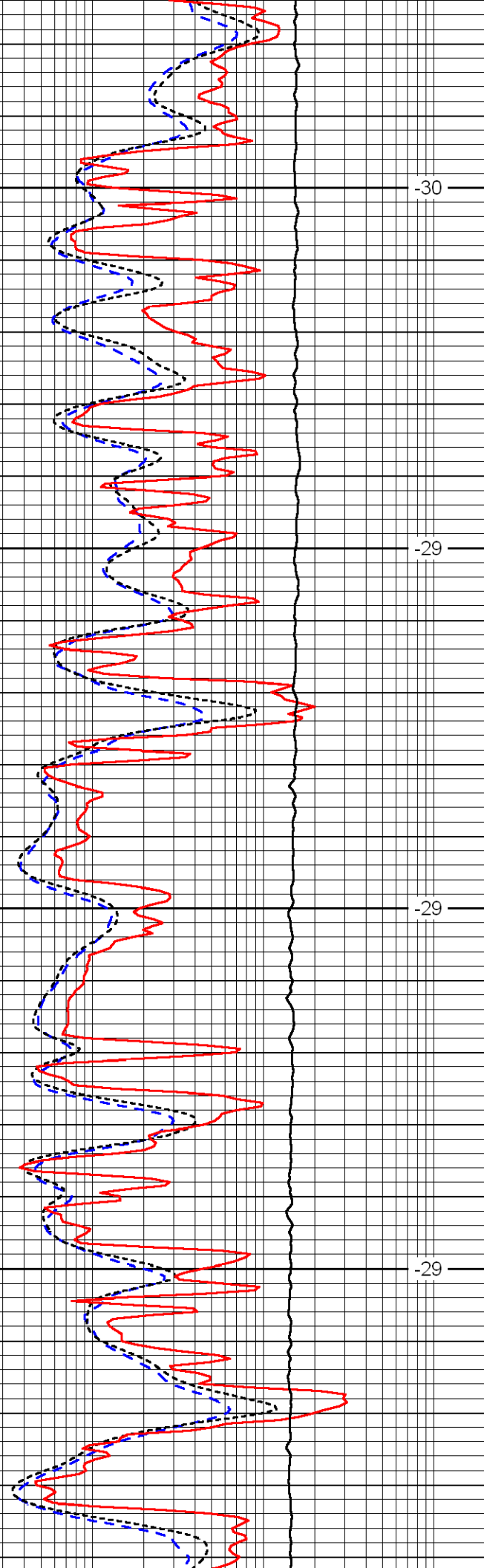


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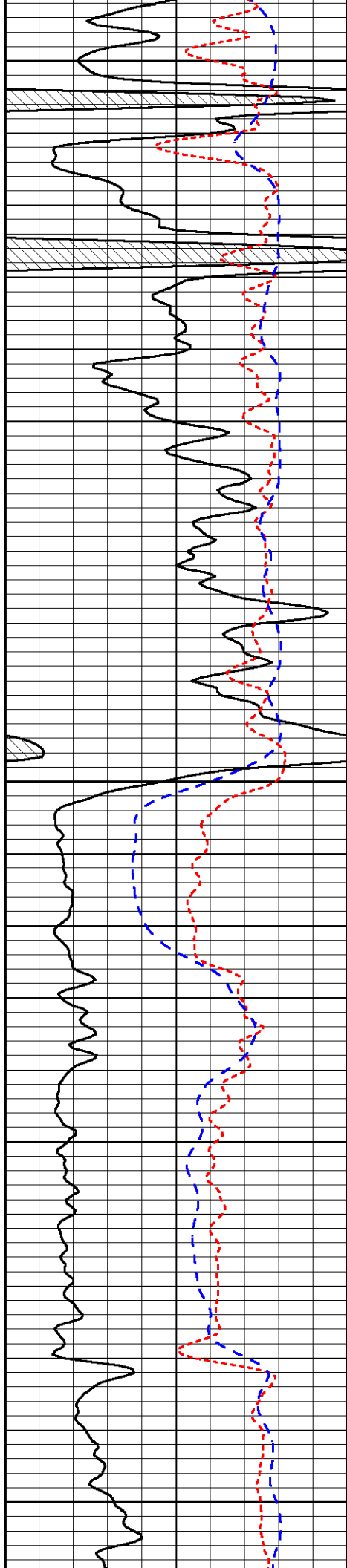


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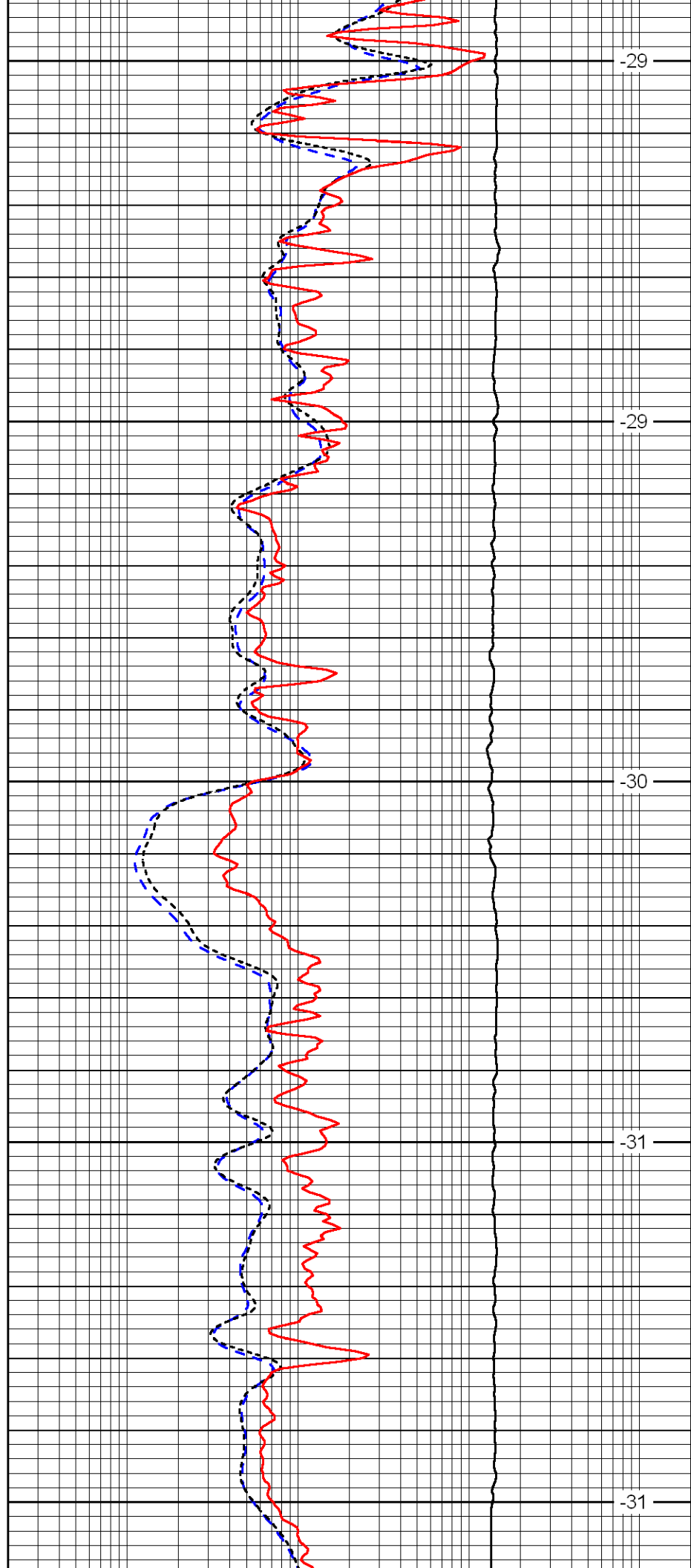
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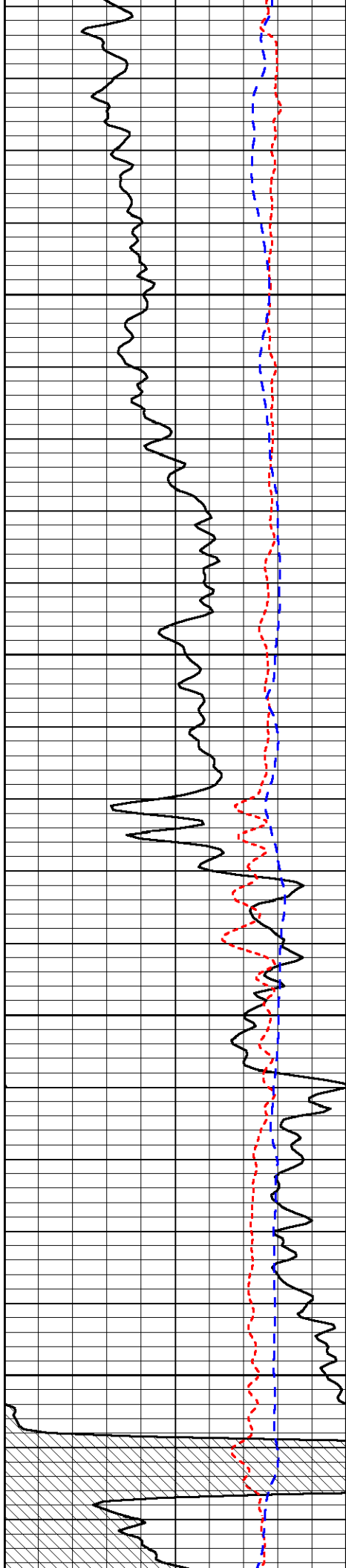
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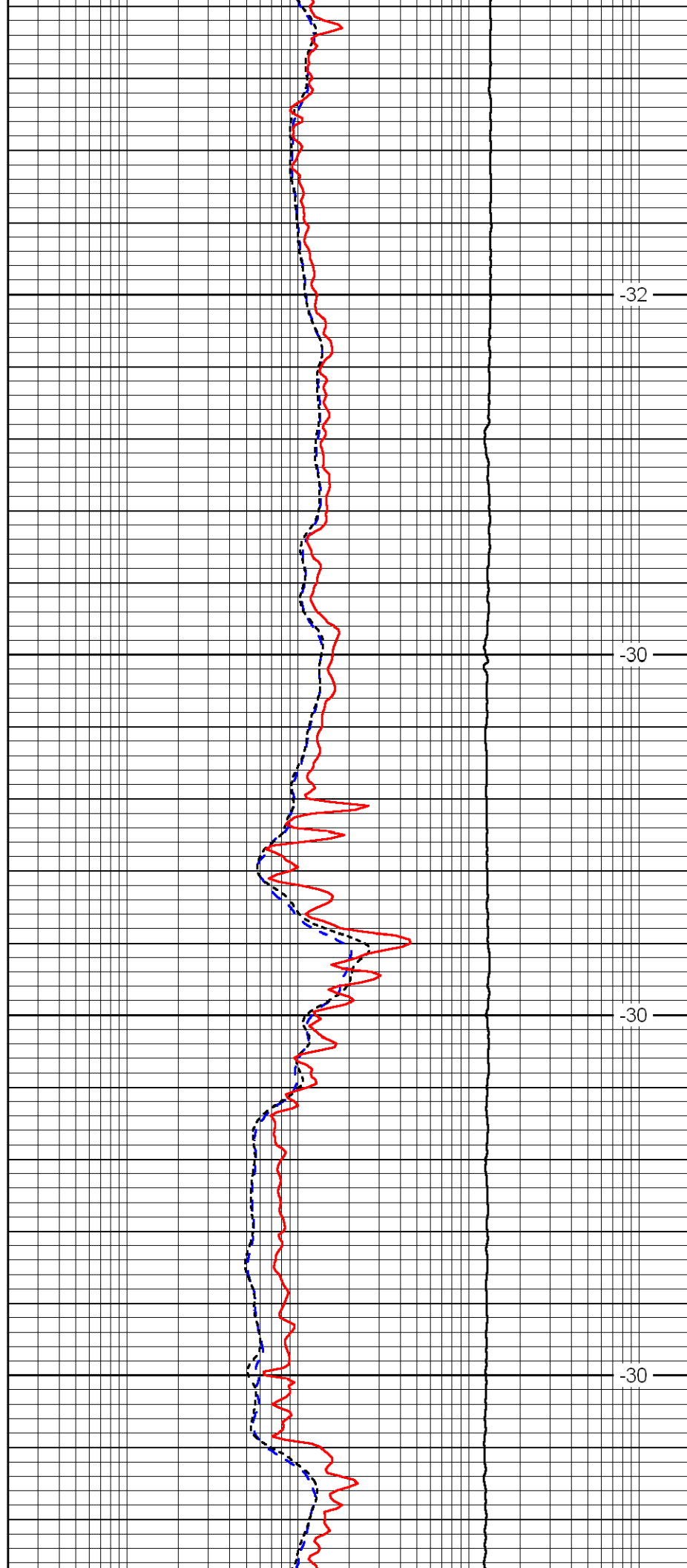
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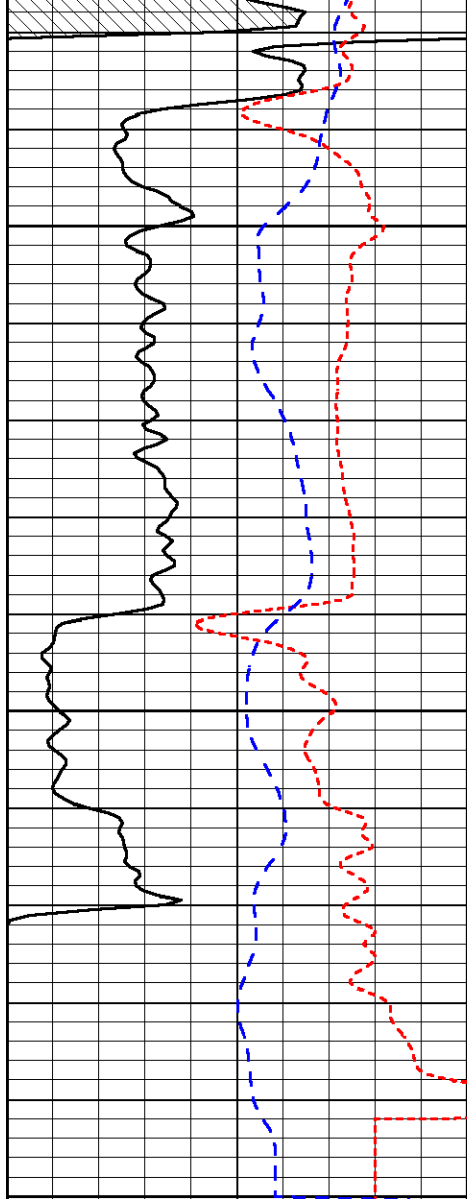
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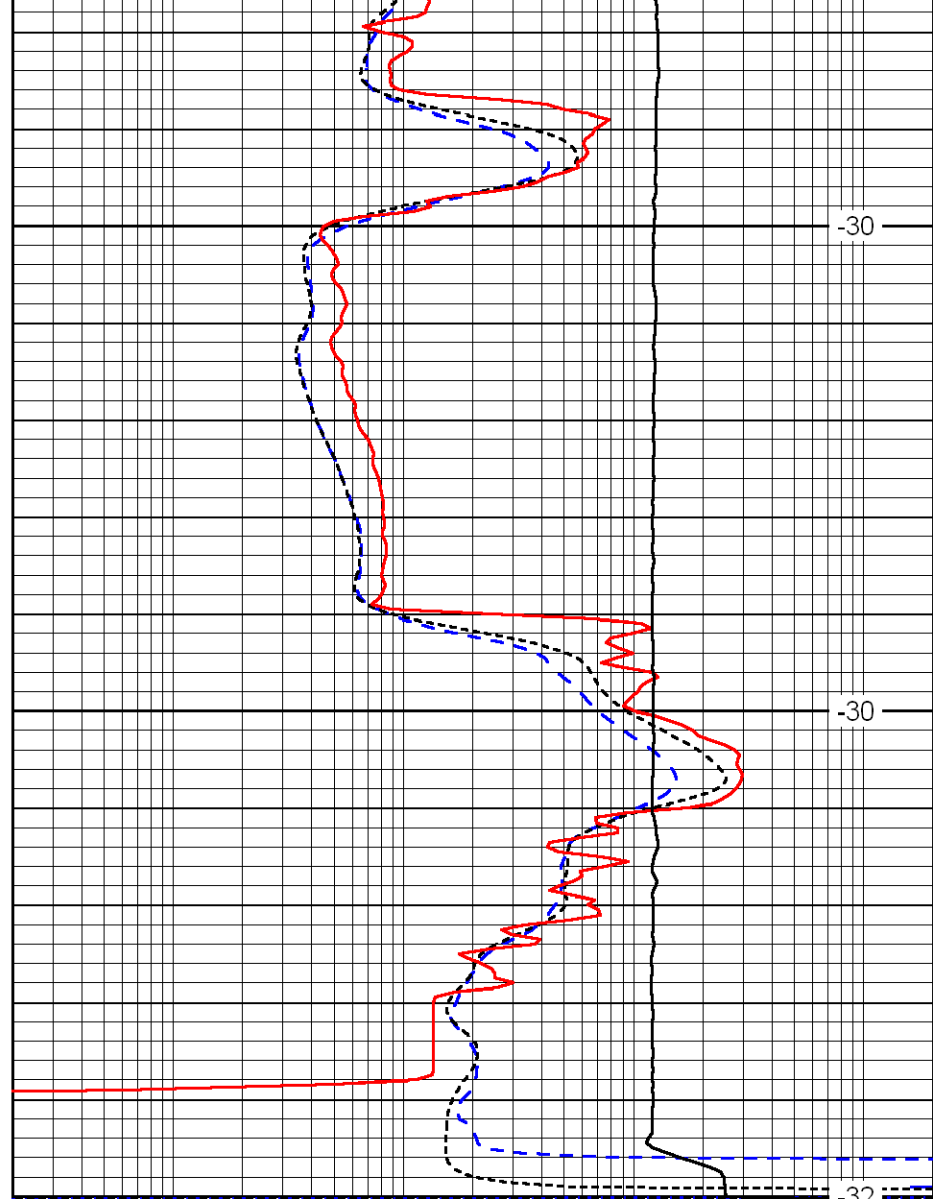


0	Gamma Ray	150
-160	RXO/RT	40
-200	SP	0

5150

5200

5250



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

LSPD