



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.	Company F.G.Holl Company, L.L.C. Well Krupp No.2-10 "OWWO" Field County Stafford State Kansas			
15-185-19,137-00-01	Location	C SW SE NE 2970' FSL & 930' FEL		Other Services CNL/CDL MEI/BHCS
	Sec: 10	Twp: 22S	Rge: 14W	Elevation K.B. 1942 D.F. 1934 G.L. 1934
Permanent Datum	Ground Level	Elevation 1934		
Log Measured From	Kelly Bushing	8 Ft. Above Perm. Datum		
Drilling Measured From	Kelly Bushing			
Date	6/5/2011			
Run Number	One			
Depth Driller	4250			
Depth Logger	4244			
Bottom Logged Interval	4243			
Top Log Interval	0			
Casing Driller	8.625 @ 328			
Casing Logger	329			
Bit Size	7.875			
Type Fluid in Hole	Chemical			
Salinity,ppm CL	14,000			
Density / Viscosity	8.9 44			
pH / Fluid Loss	10.0 12.6			
Source of Sample	Flowline			
Rm @ Meas. Temp	.25 @ 79			
Rmf @ Meas. Temp	.19 @ 79			
Rmc @ Meas. Temp	.34 @ 79			
Source of Rmf / Rmc	Charts			
Rm @ BHT	.16 @ 120			
Operating Rig Time	6 Hours			
Max Rec. Temp. F	120			
Equipment Number	17			
Location	Hays			
Recorded By	C. Desai			
Witnessed By	Ryan Greenbaum			

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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.

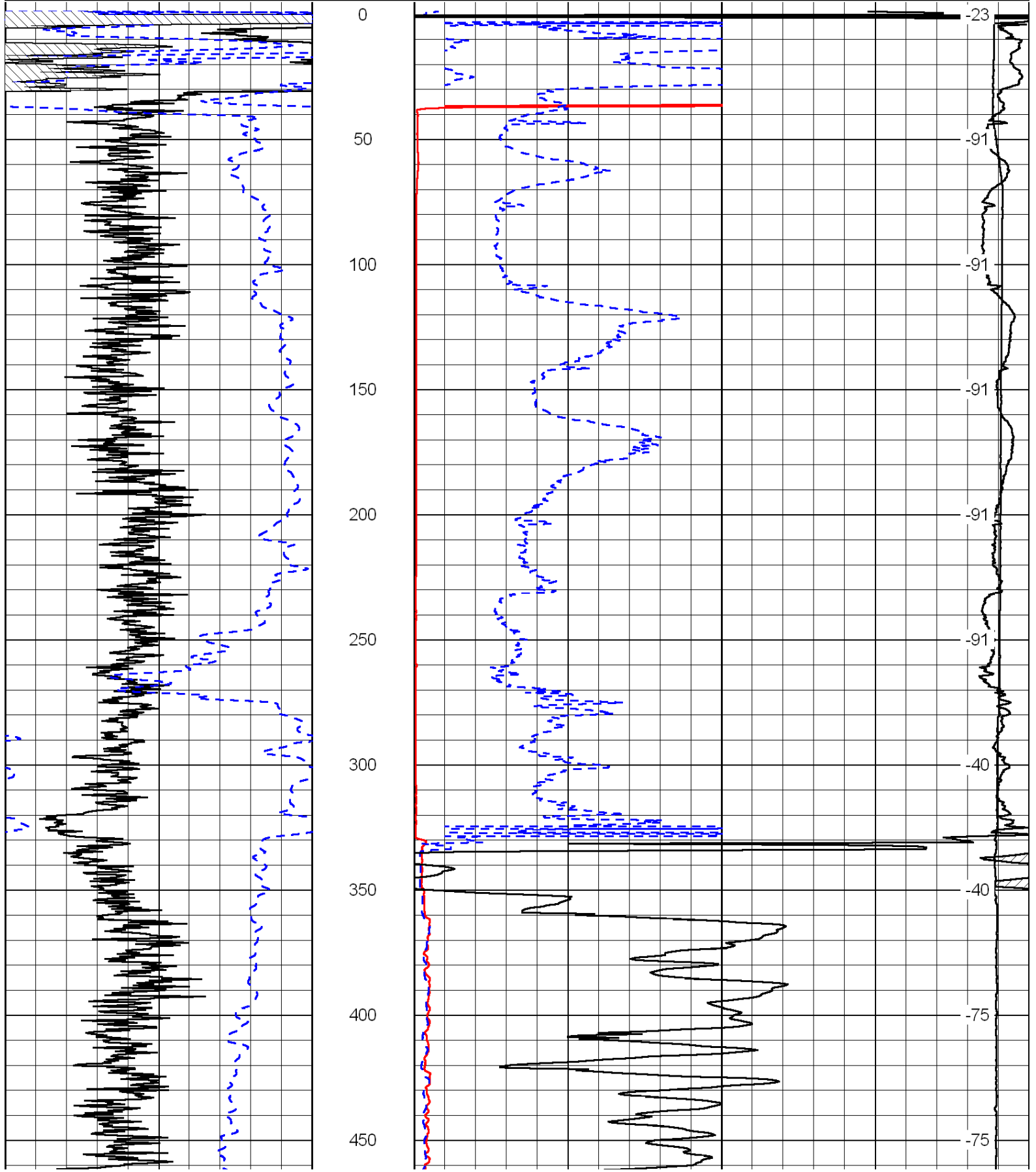
Comments

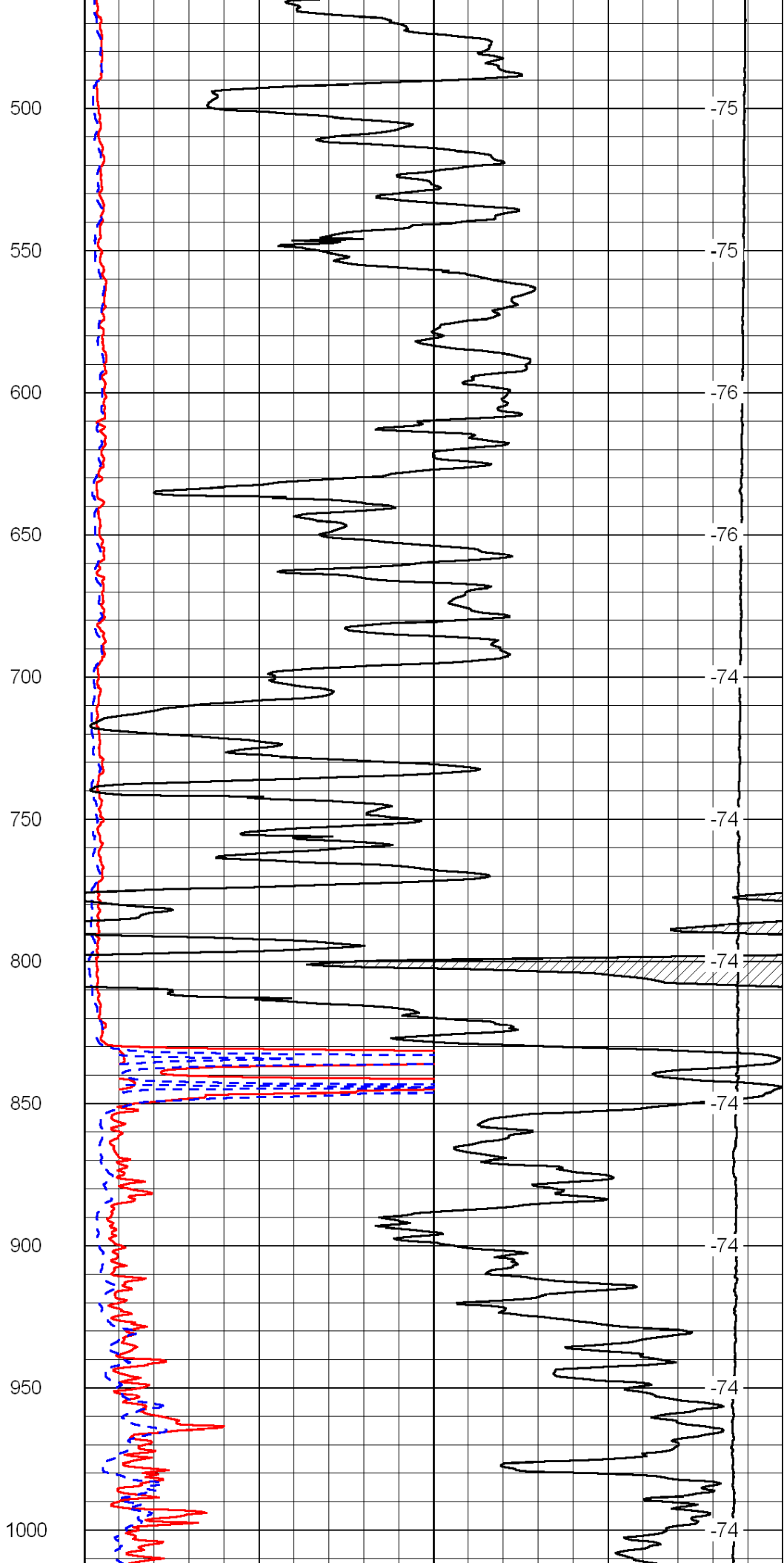
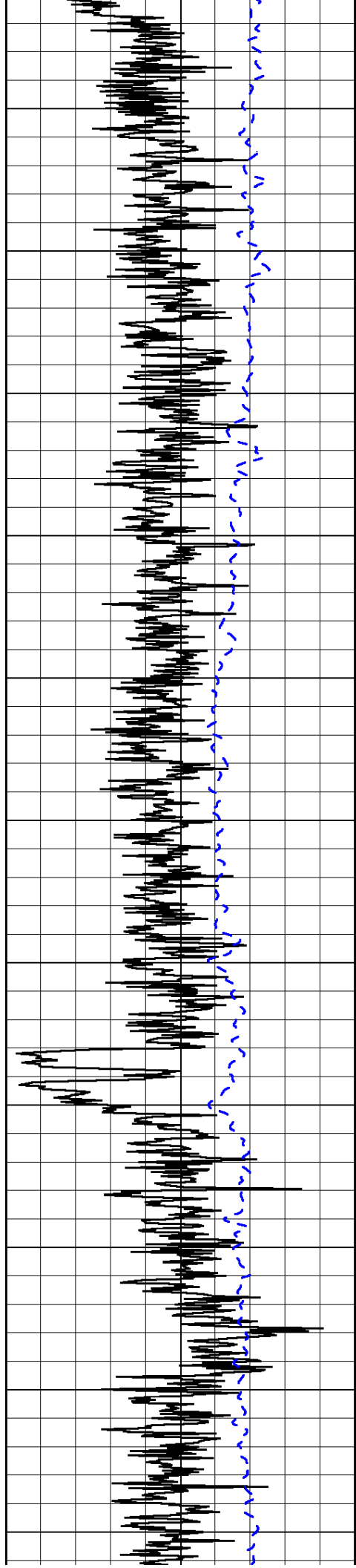
Thank you for using Log-Tech, Inc.
(785) 625-3858

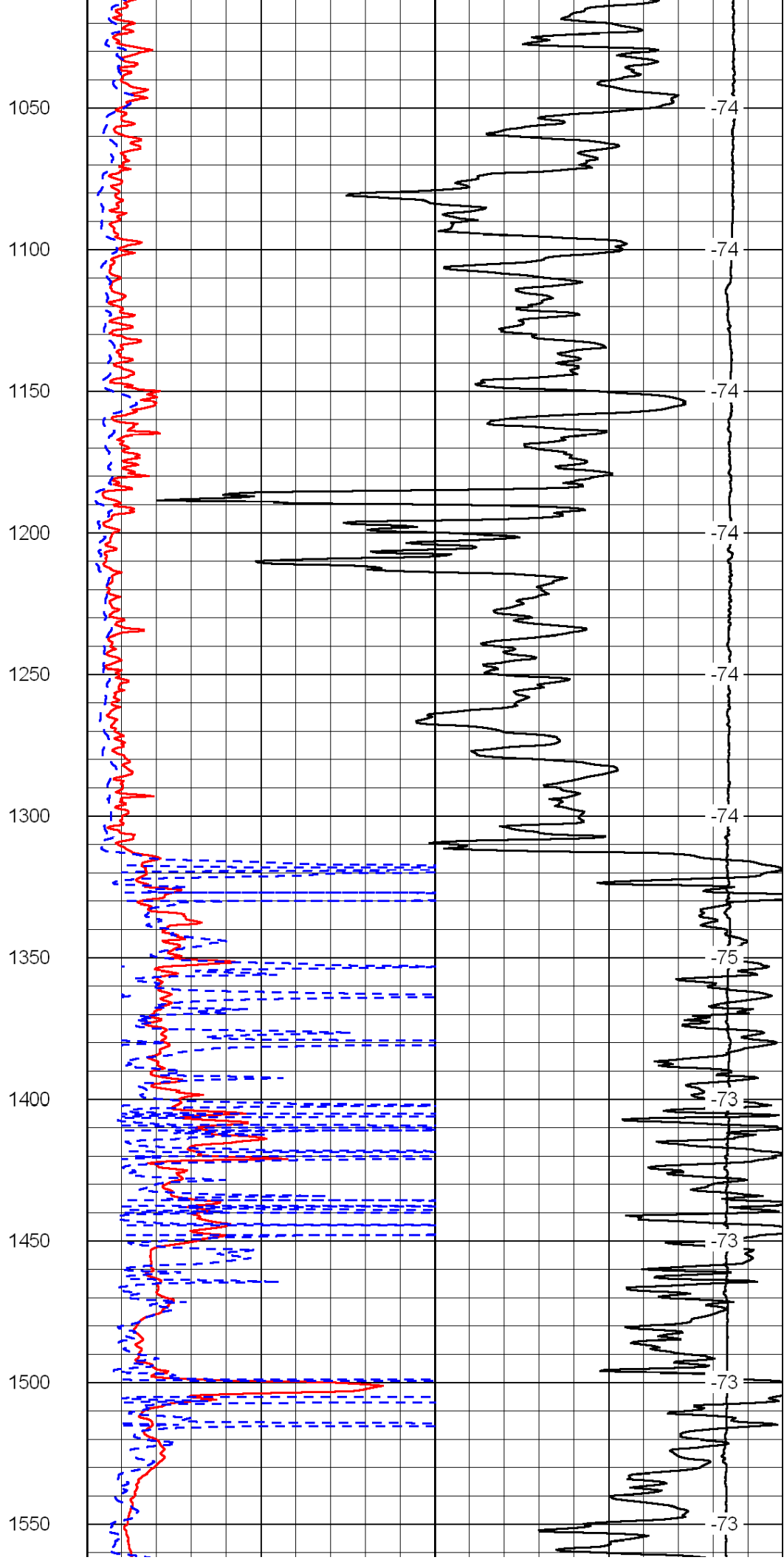
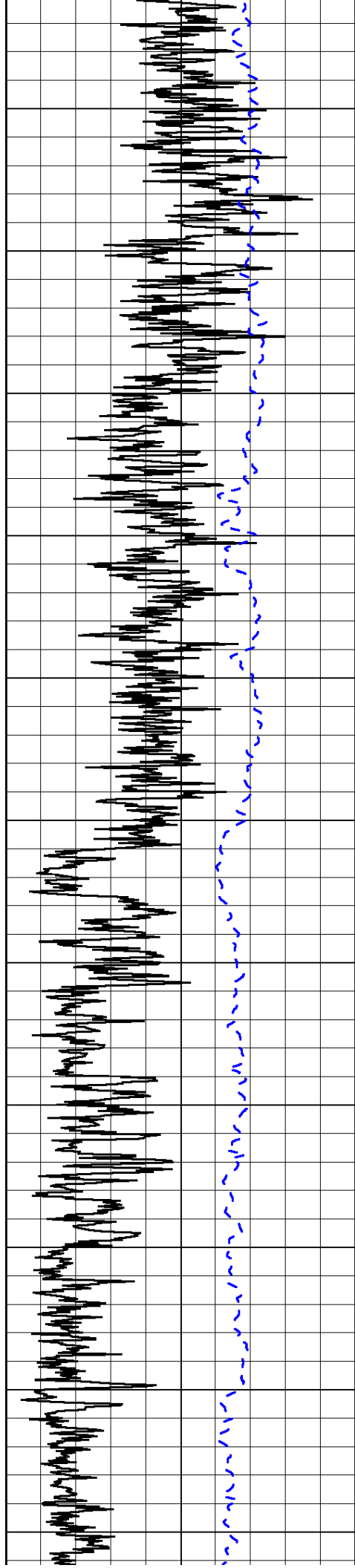
Radium KS,
1 S, 3 E, 1/2 S, W Into

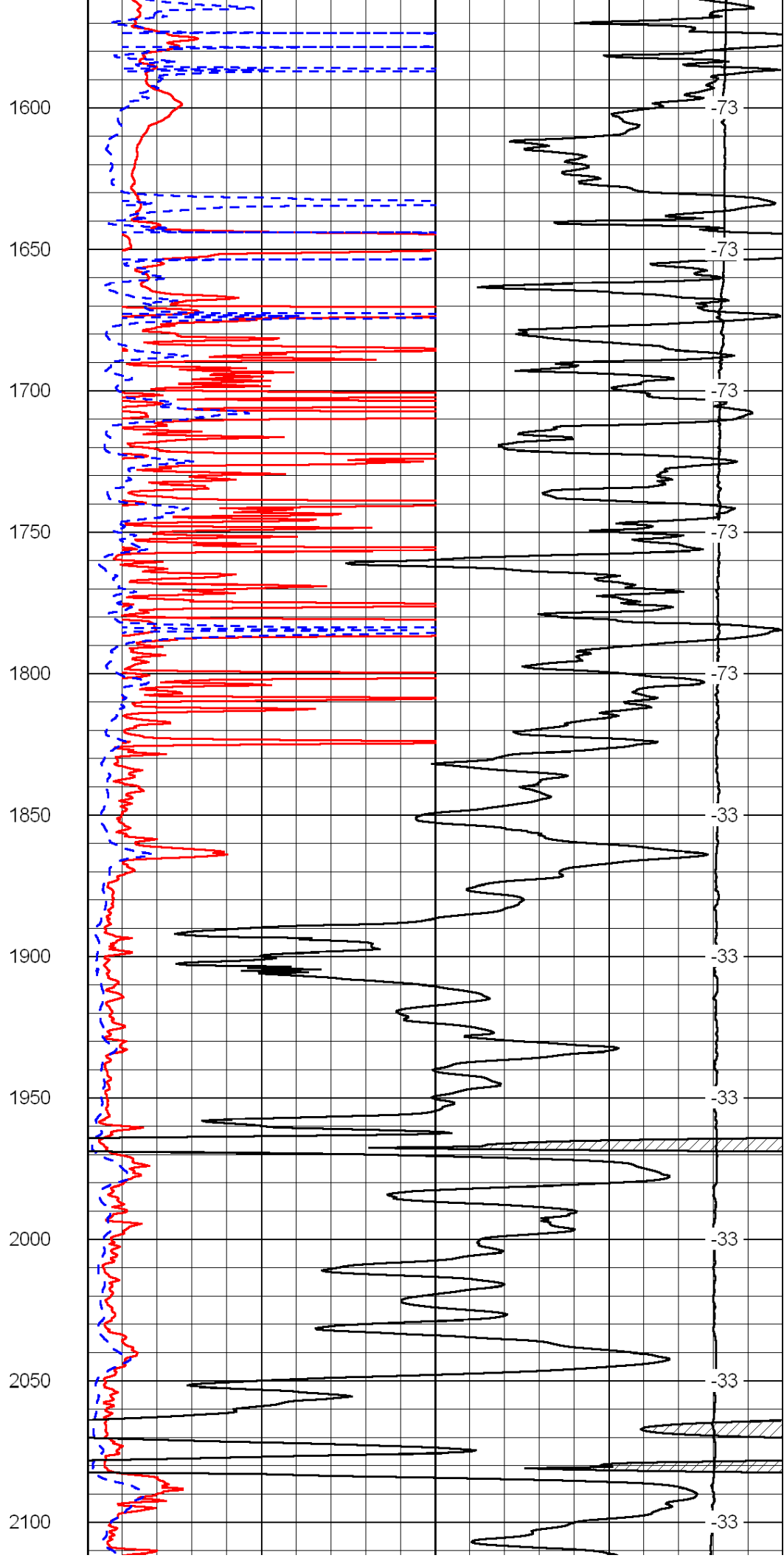
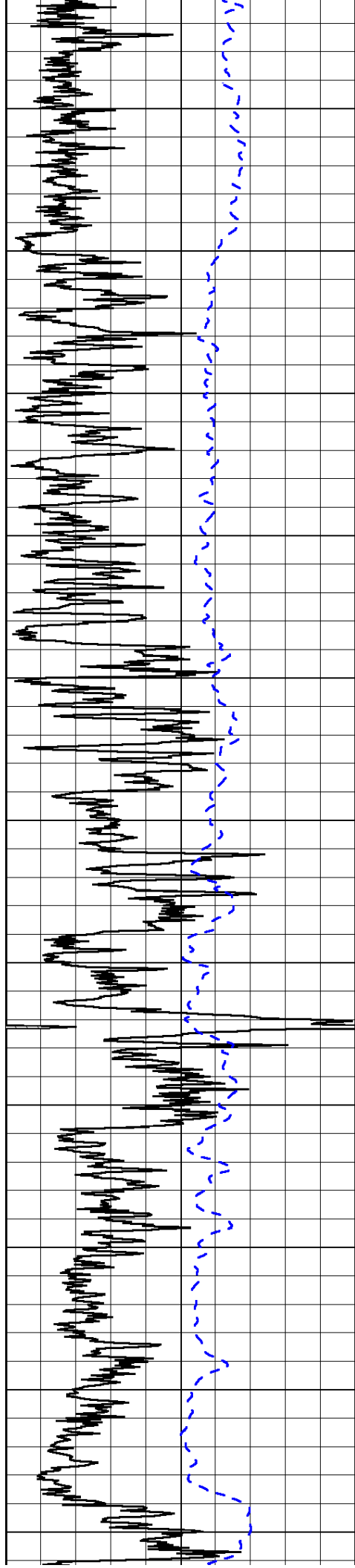
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Presentation Format: dil2in
Dataset Creation: Sun Jun 05 07:56:49 2011
Charted by: Depth in Feet scaled 1:600

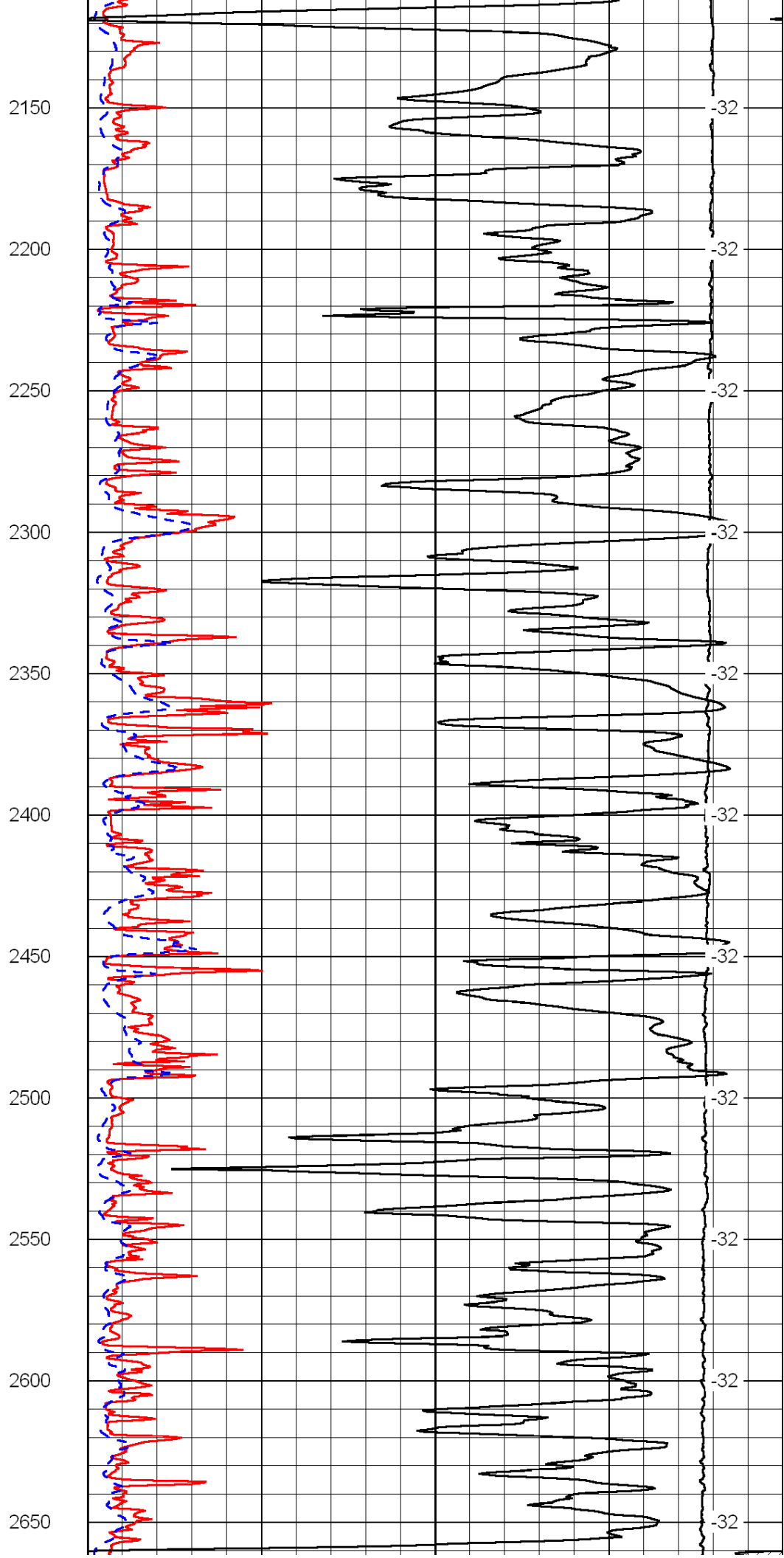
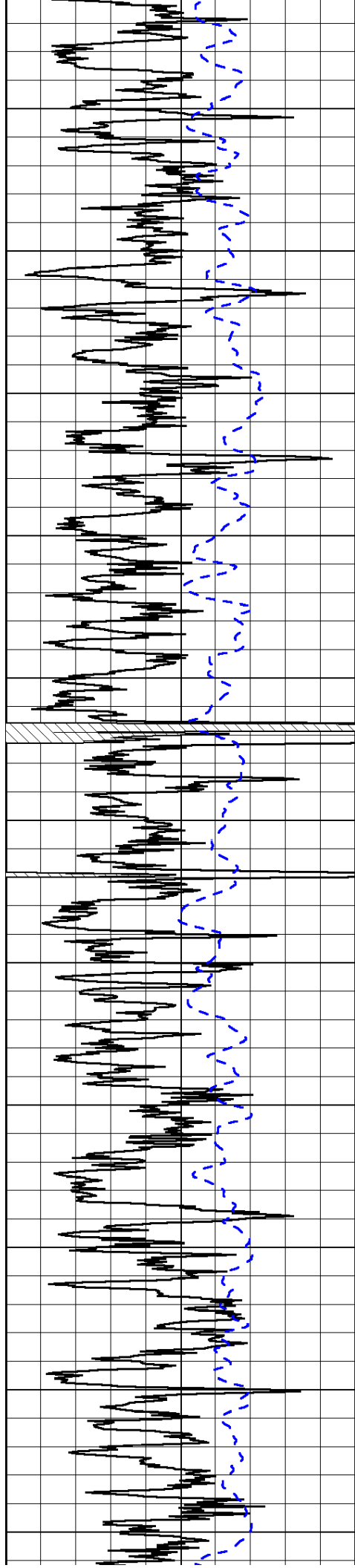
Charted by: Depth in Feet scaled 1:500								
0	Gamma Ray	150	0	Shallow Resistivity	50	LSPD		
-200	SP (mV)	0	0	Deep Resistivity	50			
			1000	Conductivity		0		
			15000	Line Tension		0		
			50	Shallow Resistivity	500			
			50	Deep Resistivity	500			

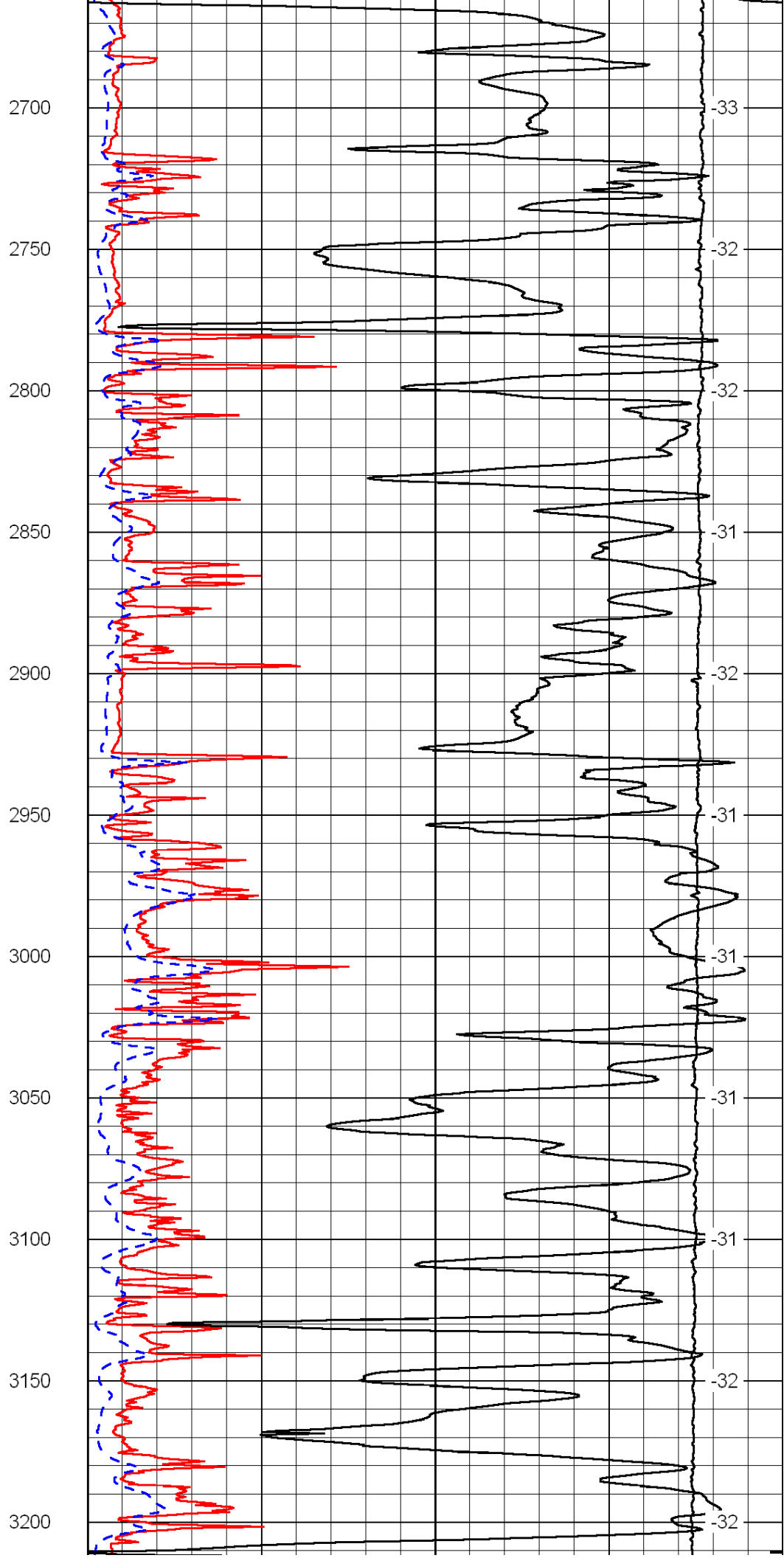
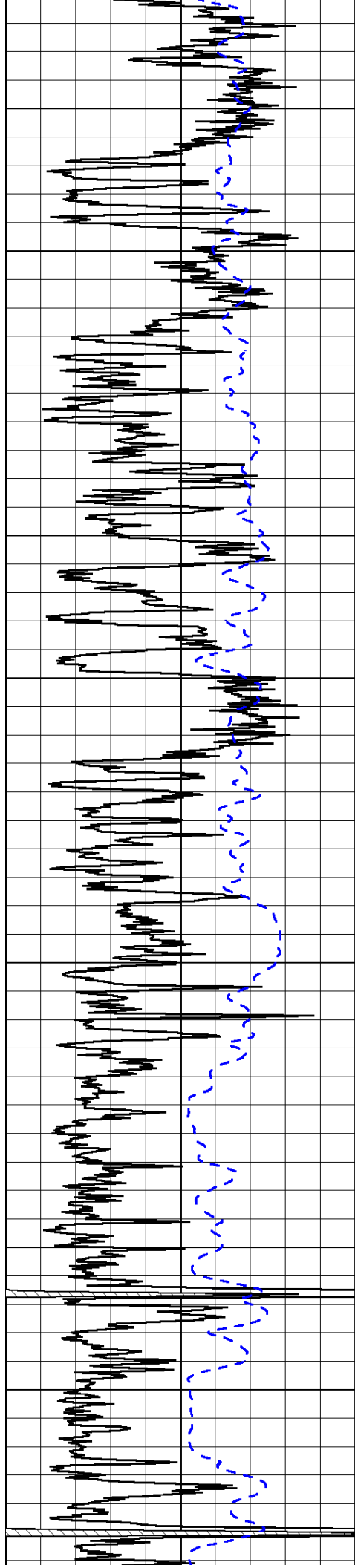


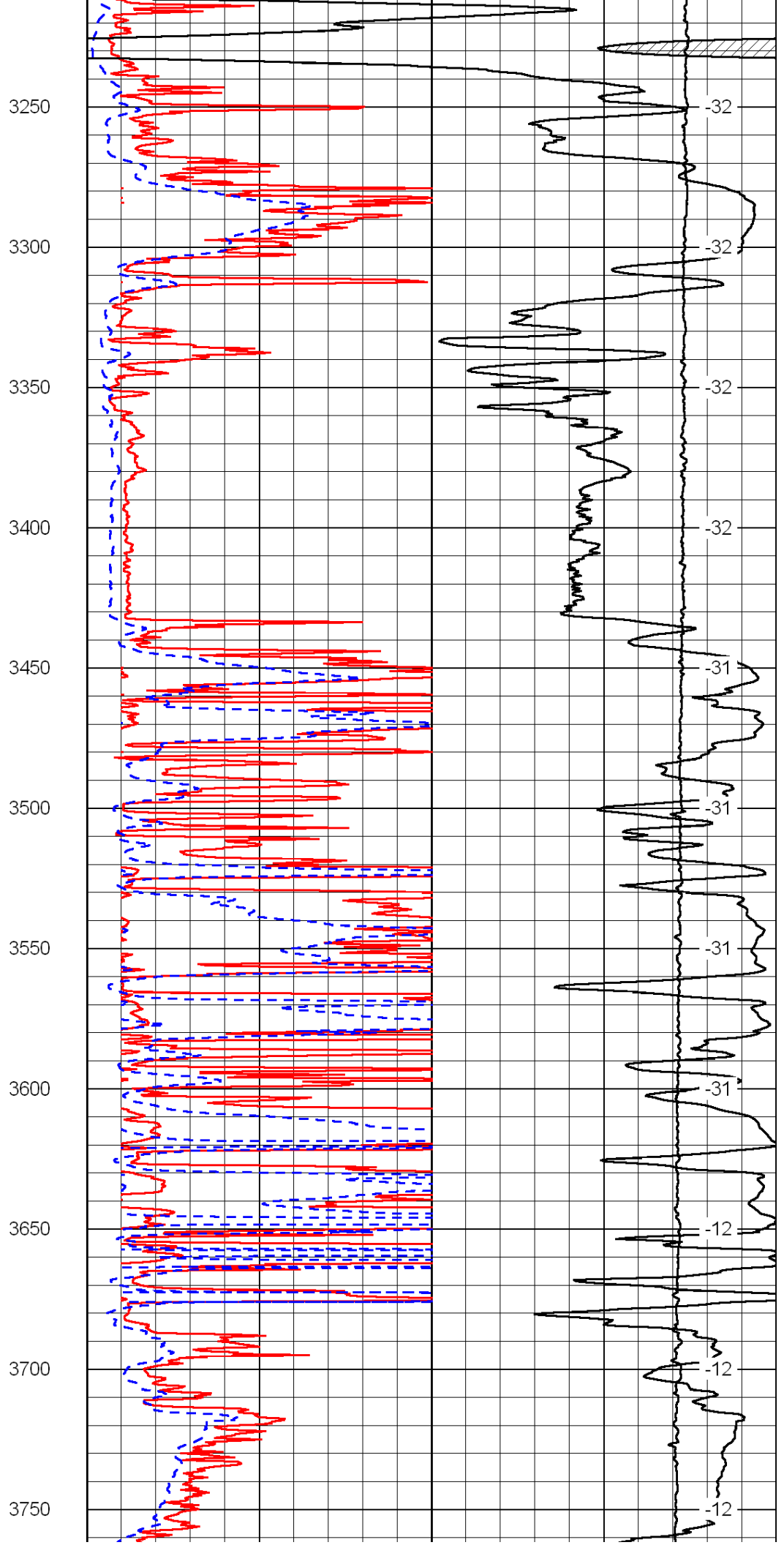
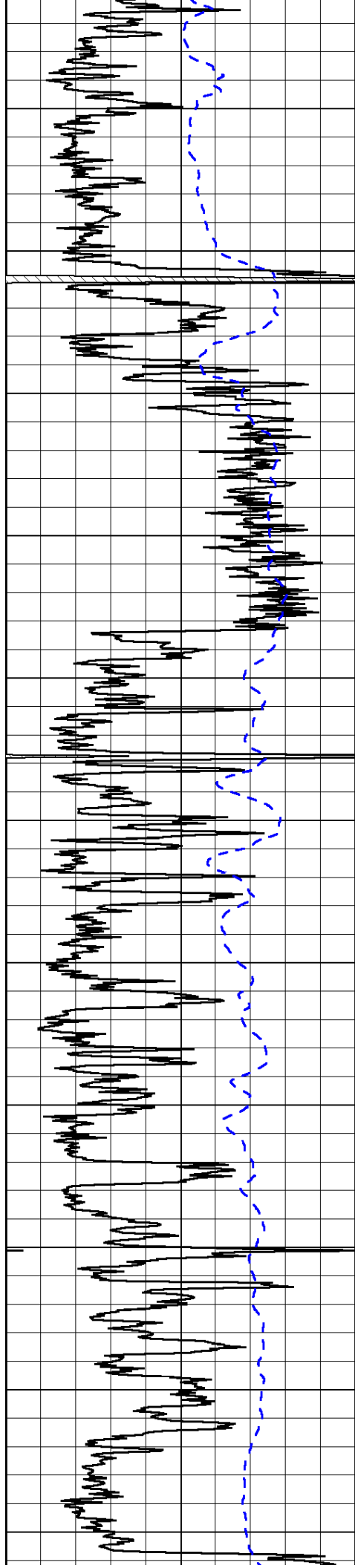


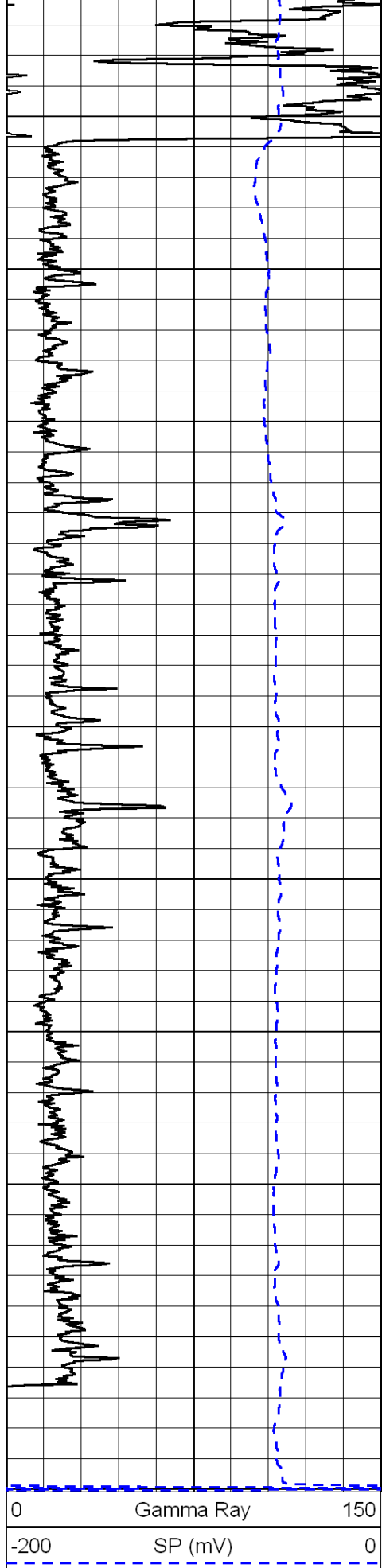




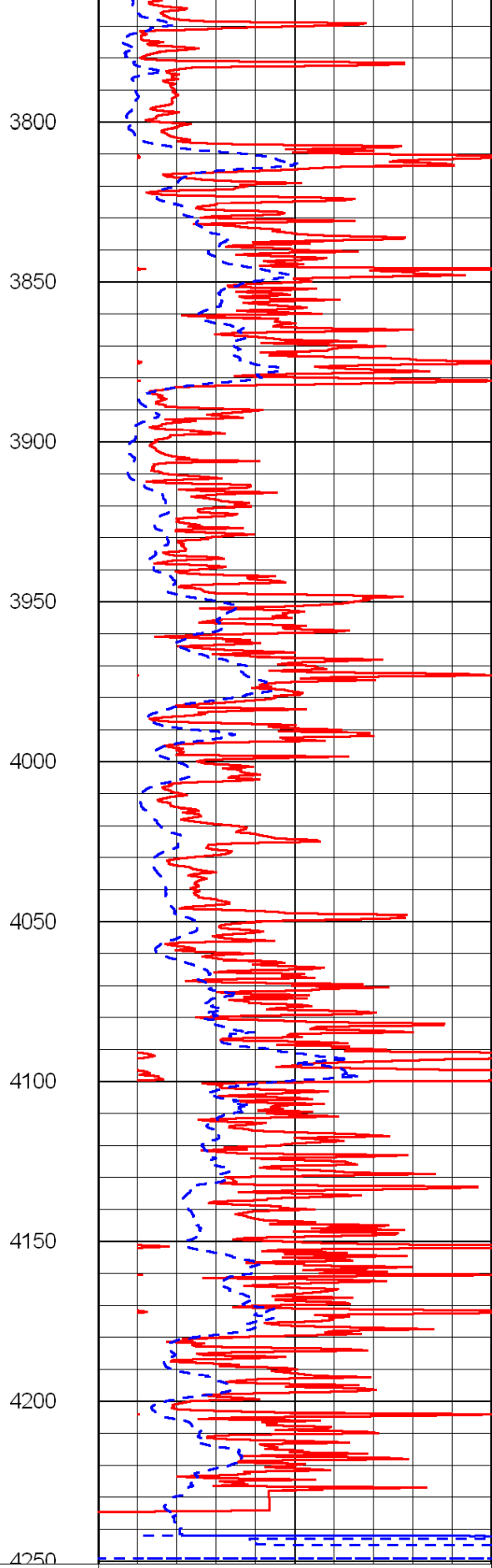








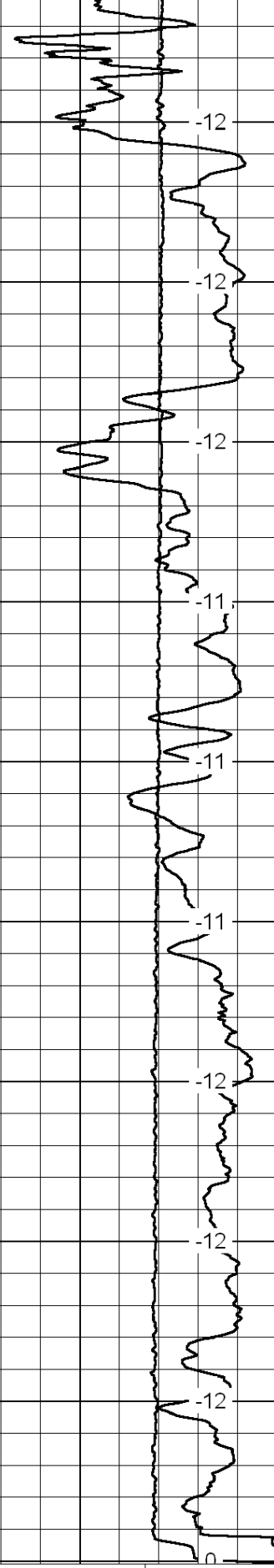
0 Gamma Ray 150
-200 SP (mV) 0



0 Shallow Resistivity 50
0 Deep Resistivity 50

1000 Conductivity 0
15000 Line Tension 0

50 Shallow Resistivity 500



LSPD



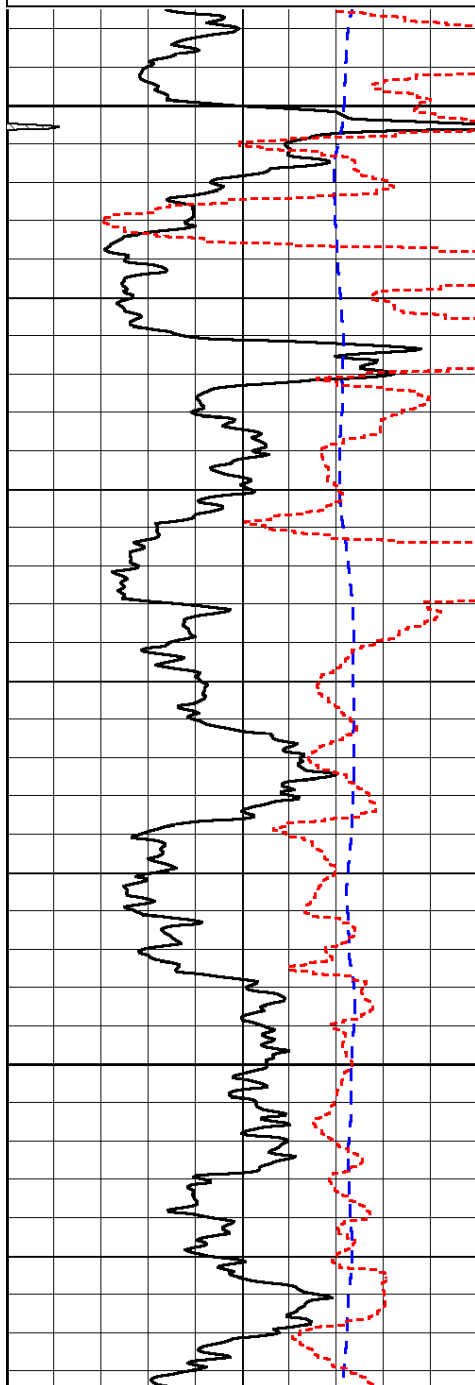
High Resolution

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Dataset Pathname: dil/fghollhr
Presentation Format: dil
Dataset Creation: Sun Jun 05 07:41:05 2011
Charted by: Depth in Feet scaled 1:120

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-160	Rxo / Rt	40

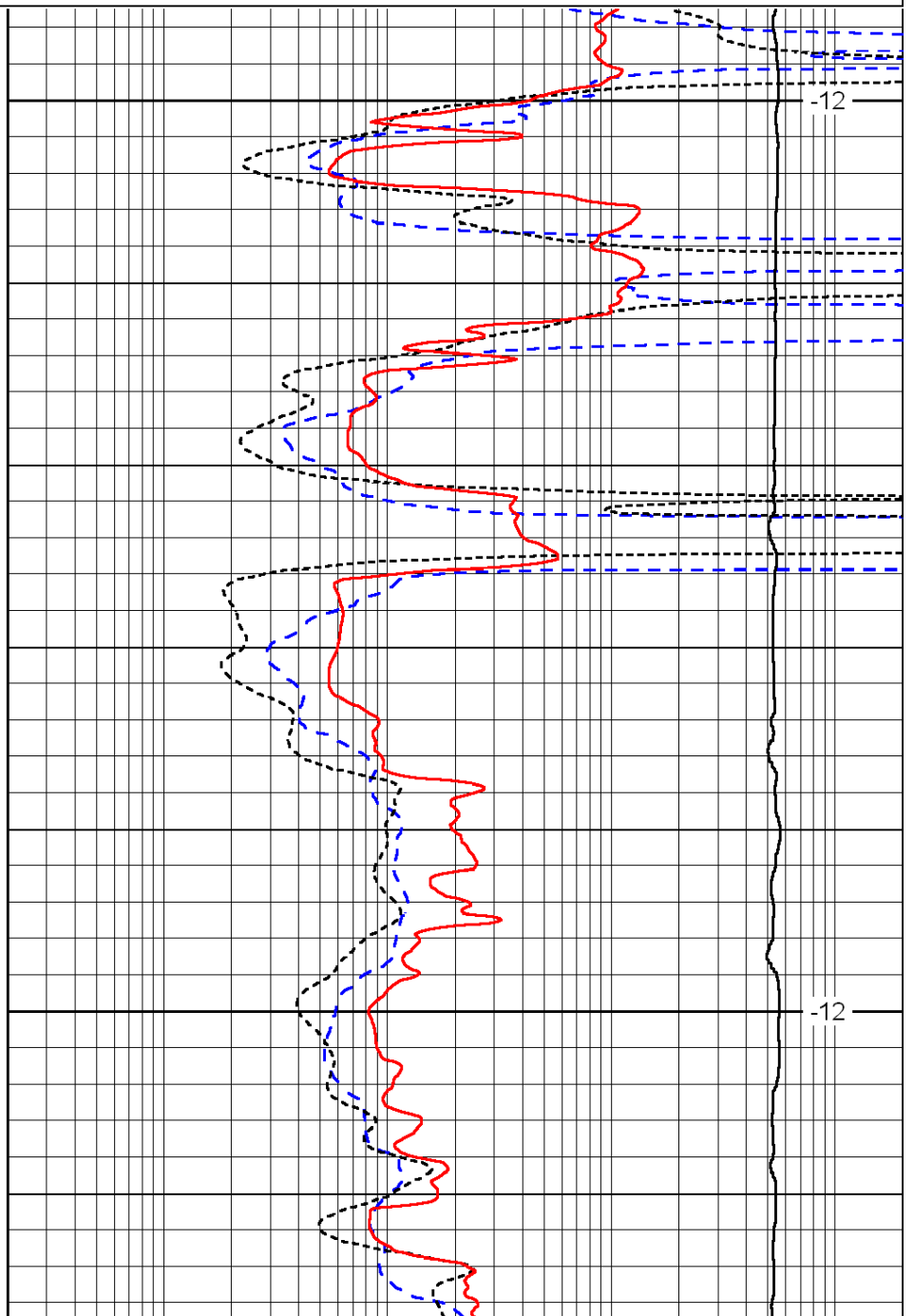
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0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
15000	Line Tension	0

LSPD



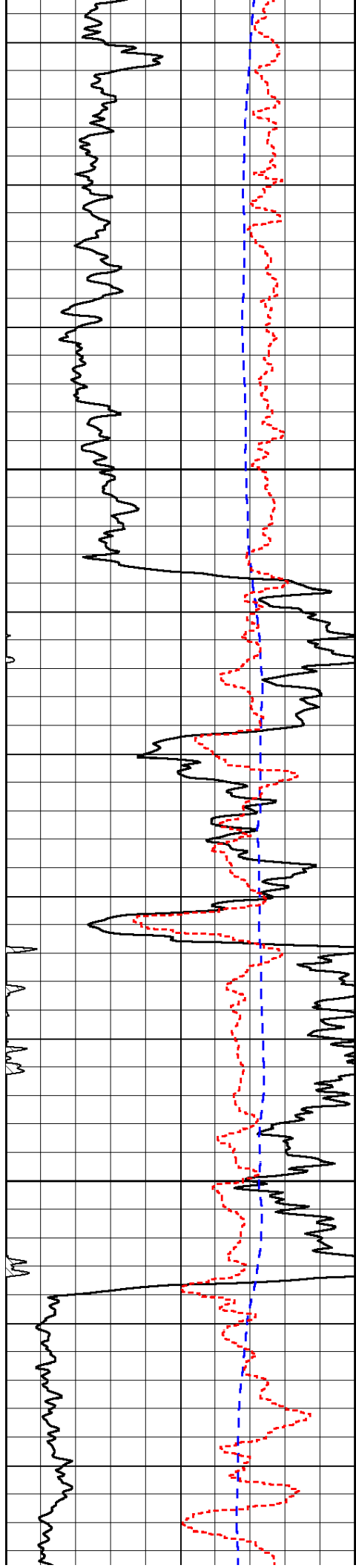
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3700



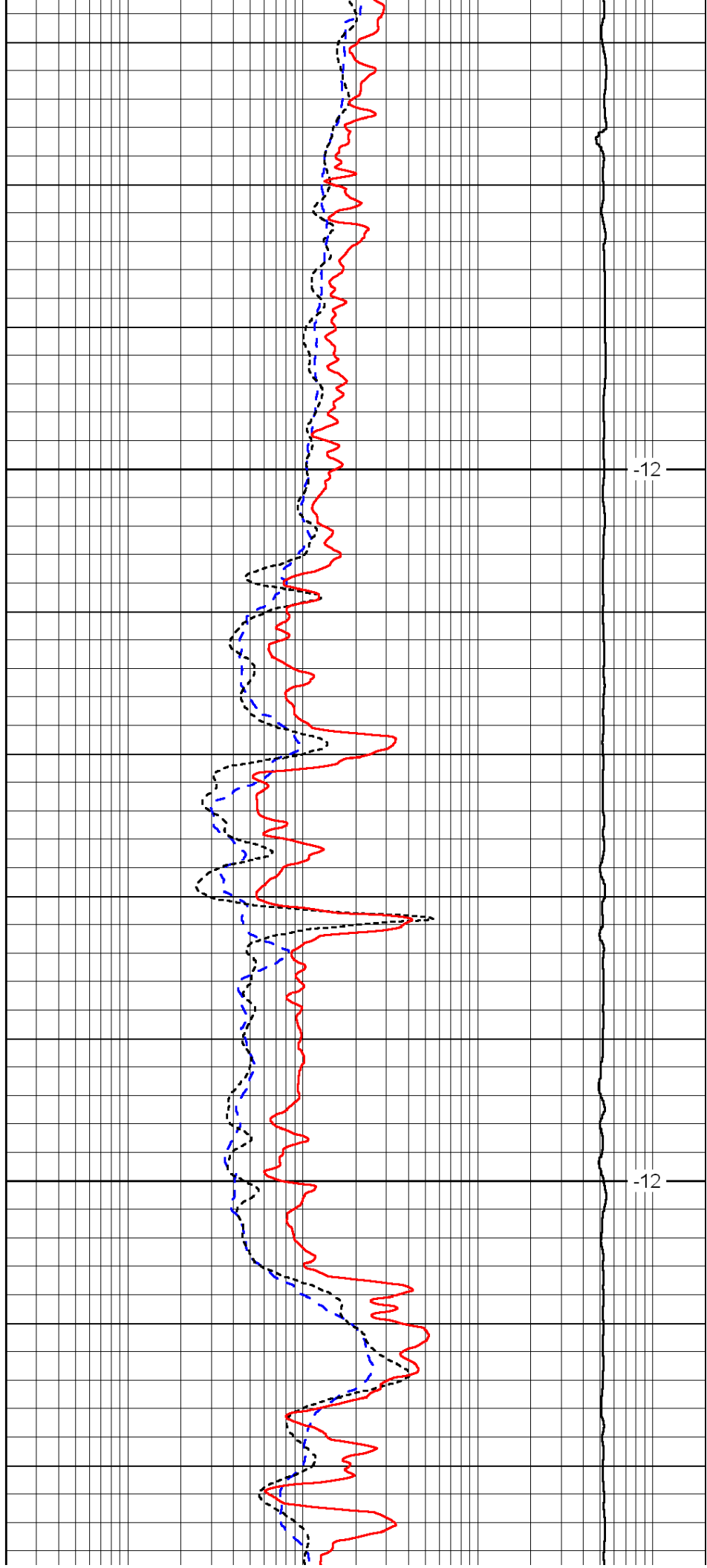
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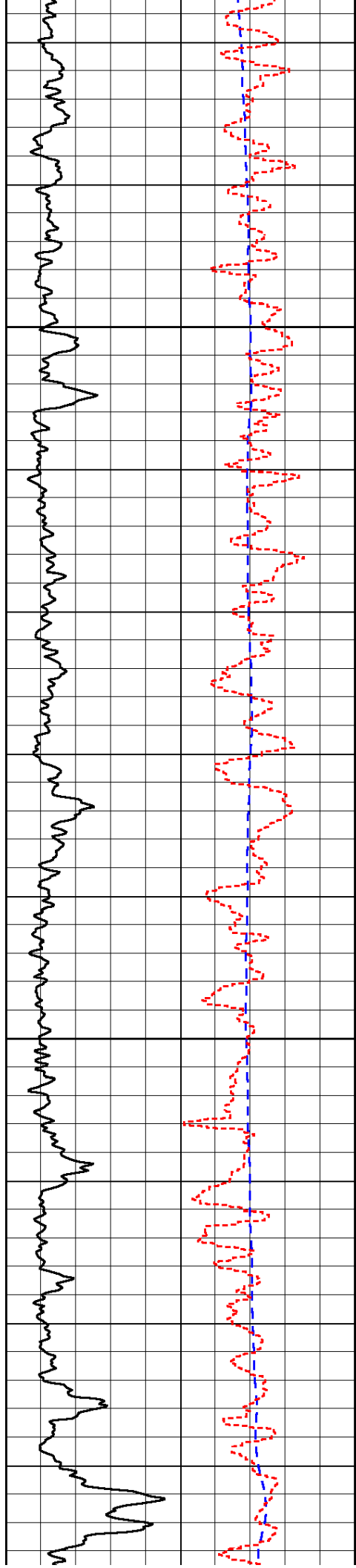
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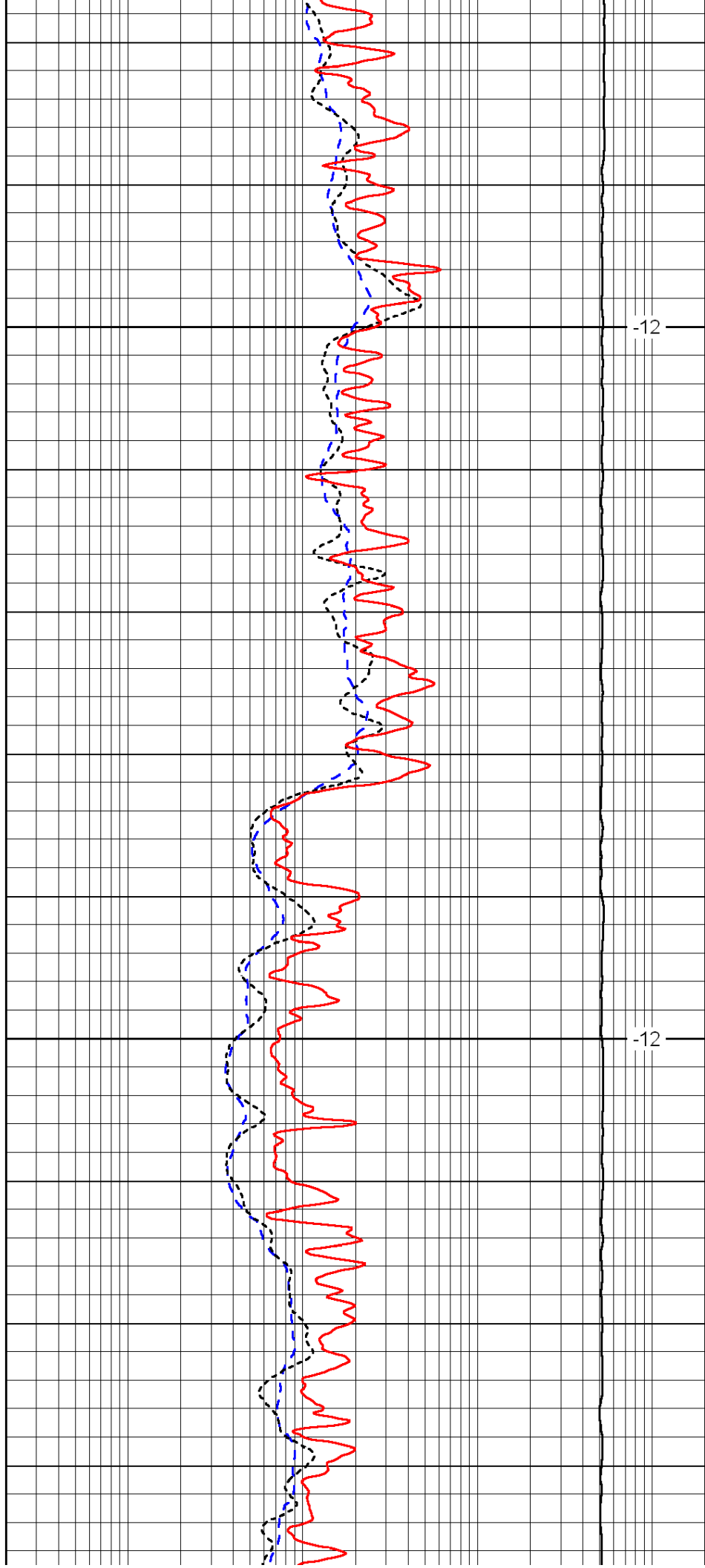
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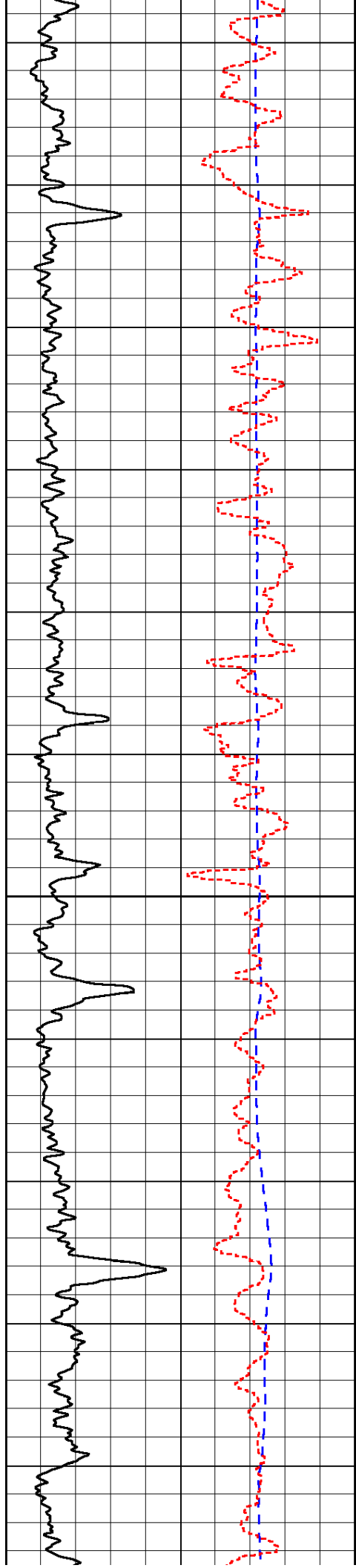
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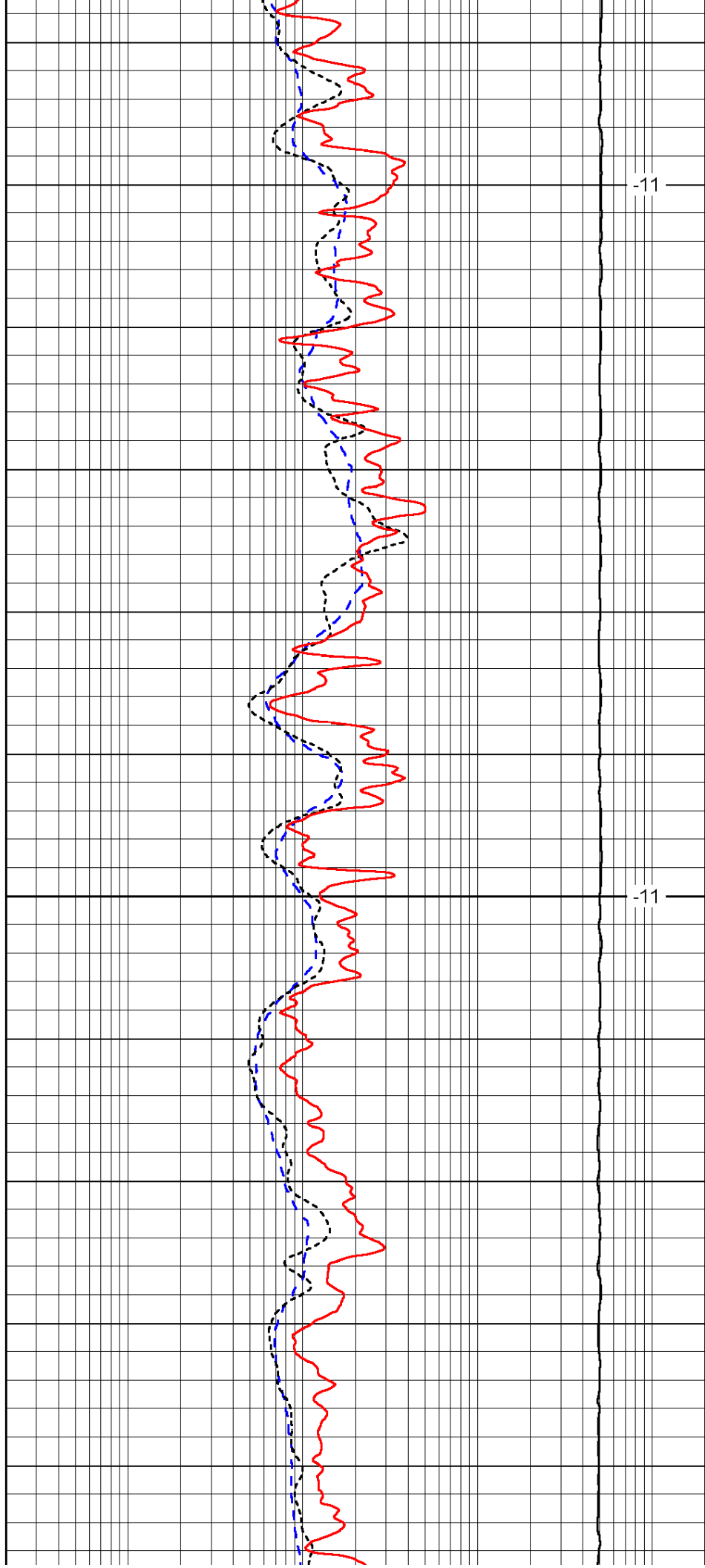
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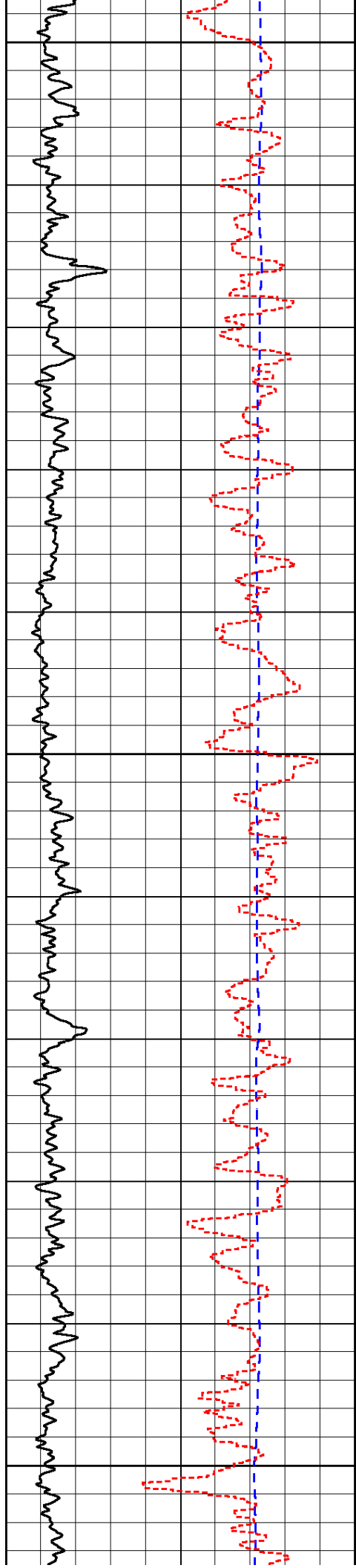
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4000



-11

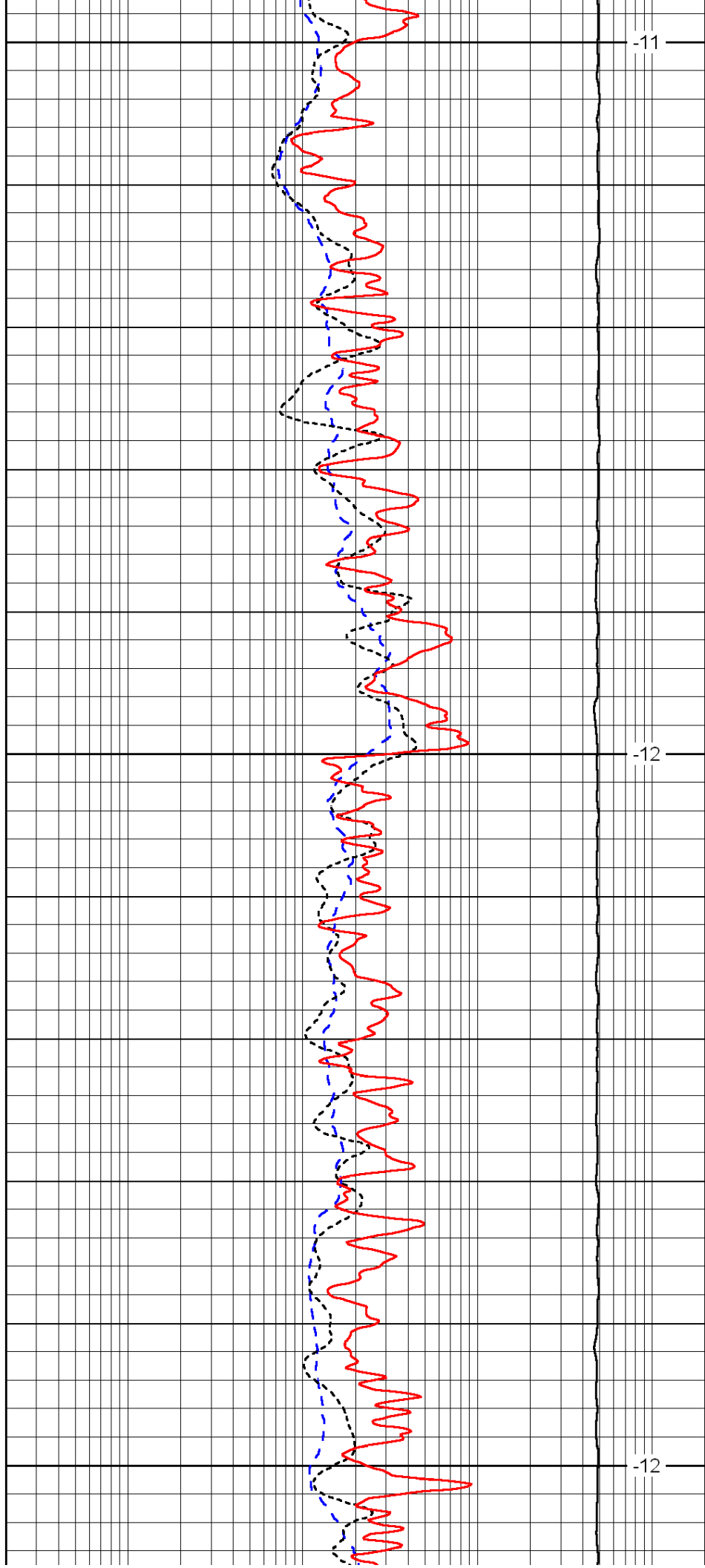
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4050

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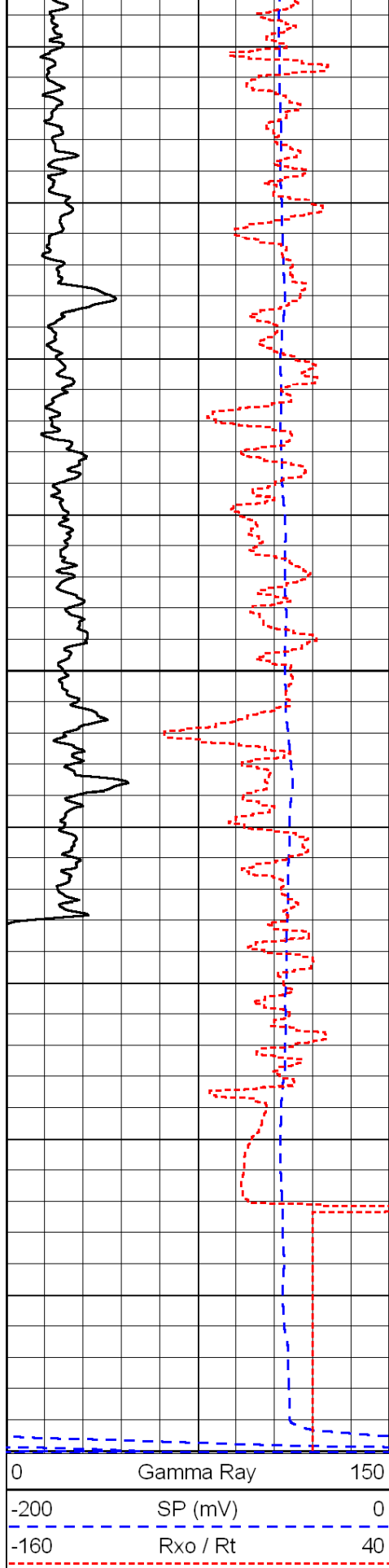
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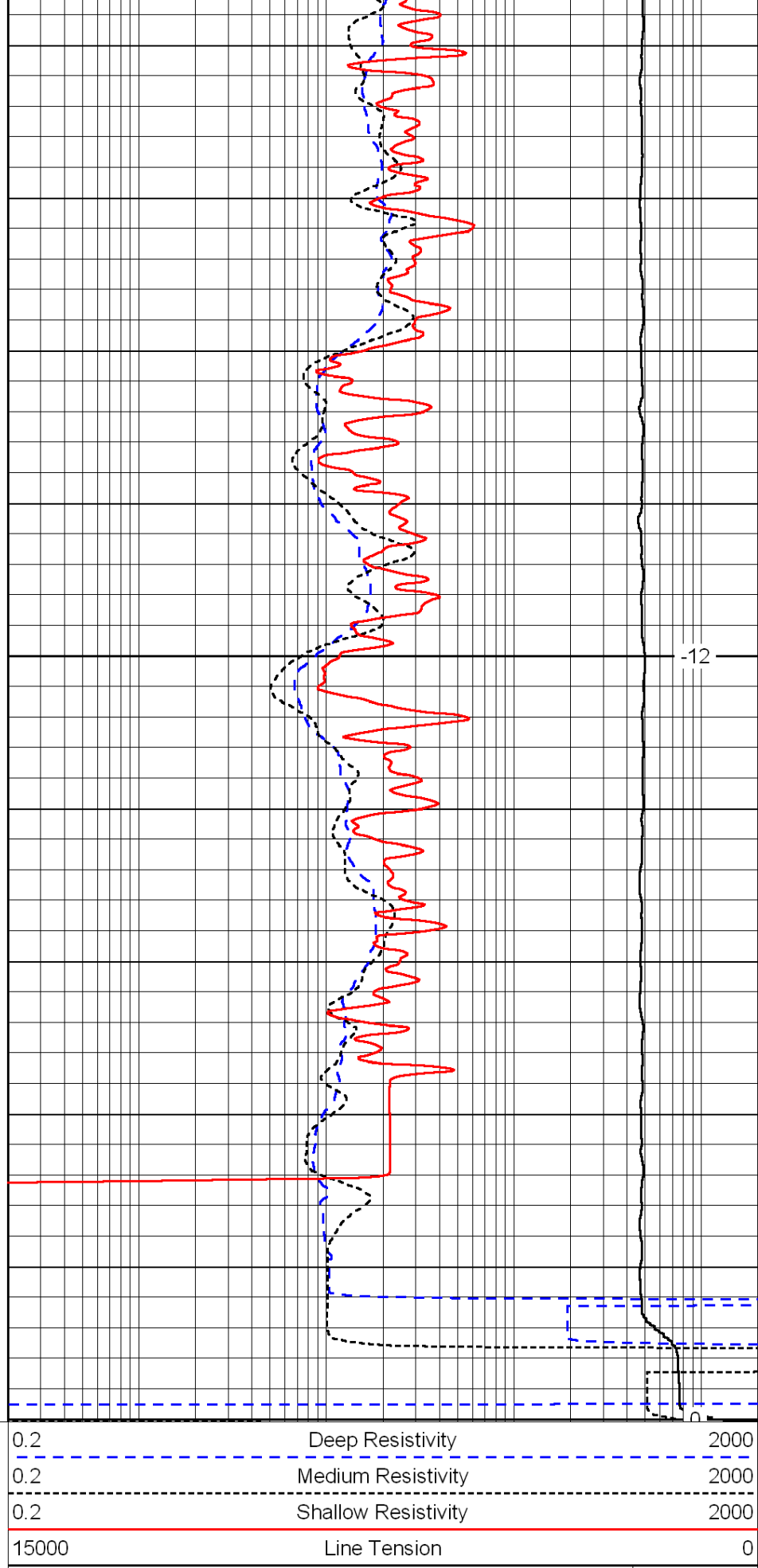
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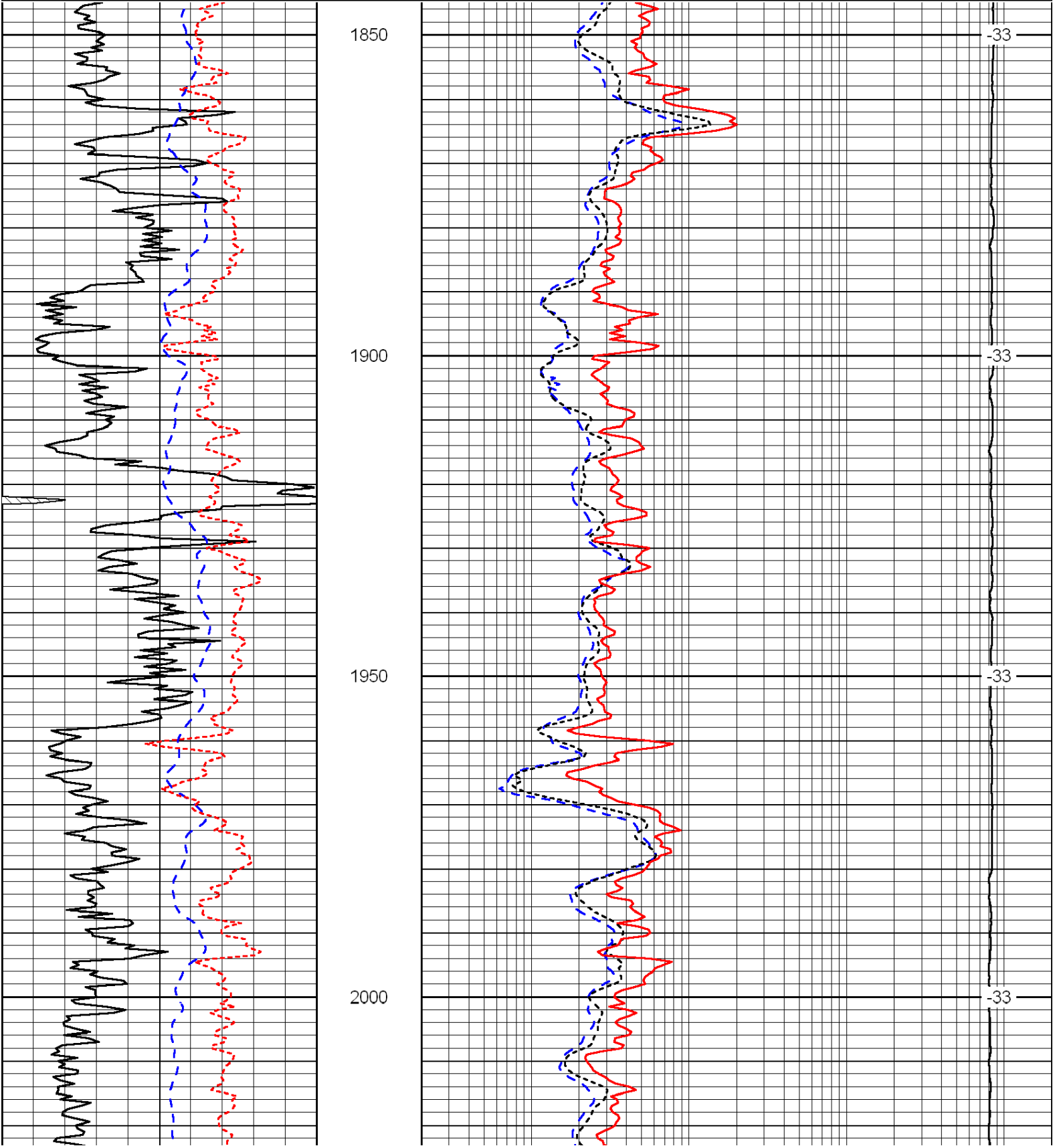
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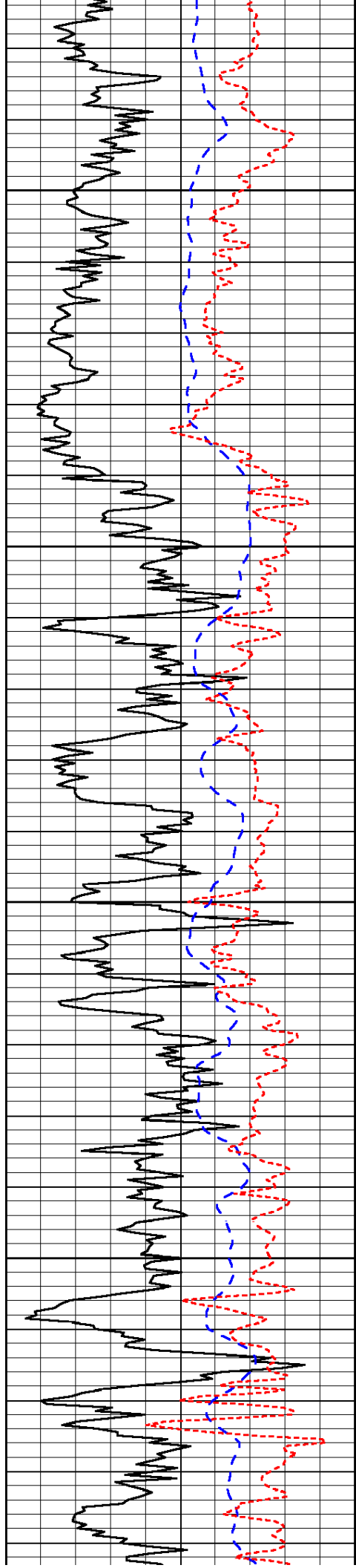


-12

LSPD

0	Gamma Ray	150	0.2	Deep Resistivity	2000
-200	SP (mV)	0	0.2	Medium Resistivity	2000
-160	Rxo / Rt	40	0.2	Shallow Resistivity	2000
			15000	Line Tension	0
					LSPD



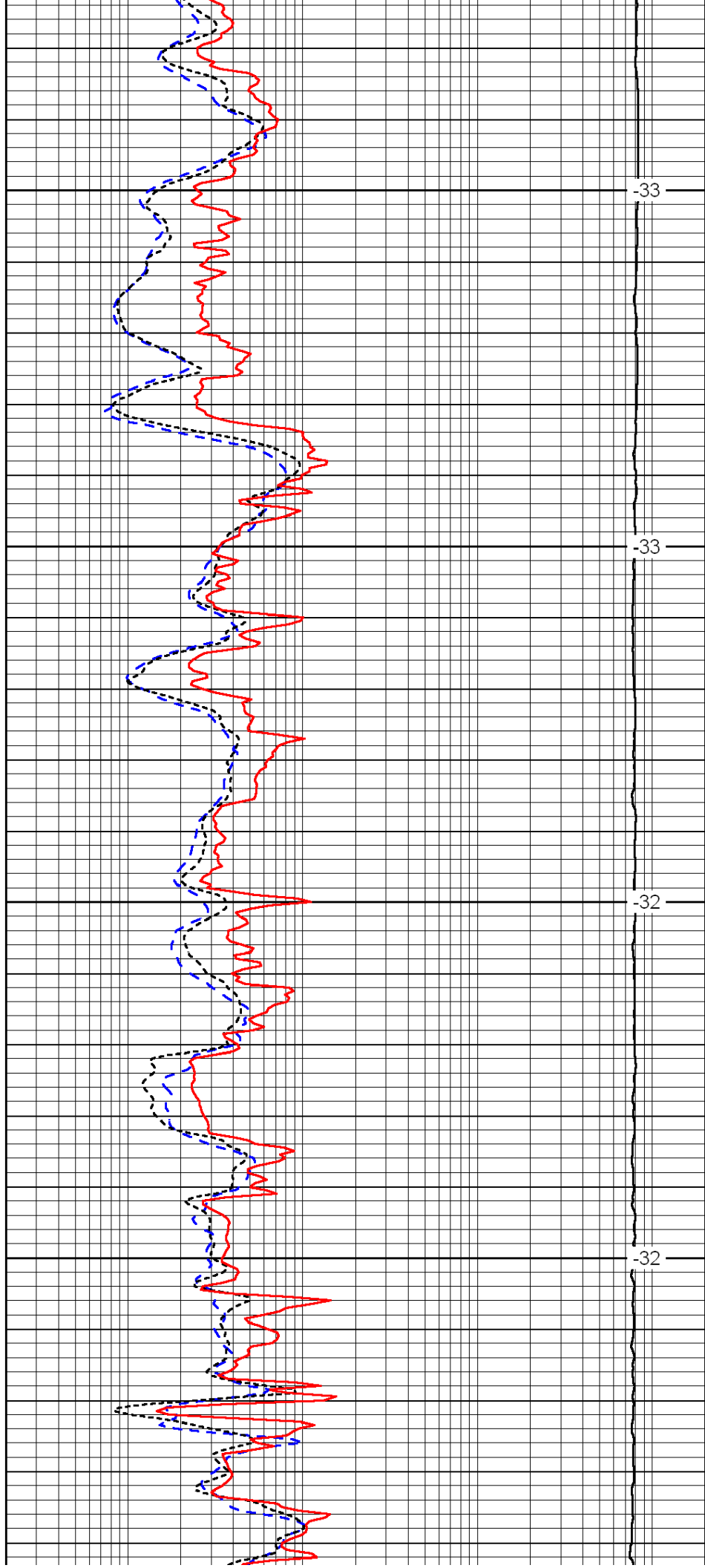


2050

2100

2150

2200

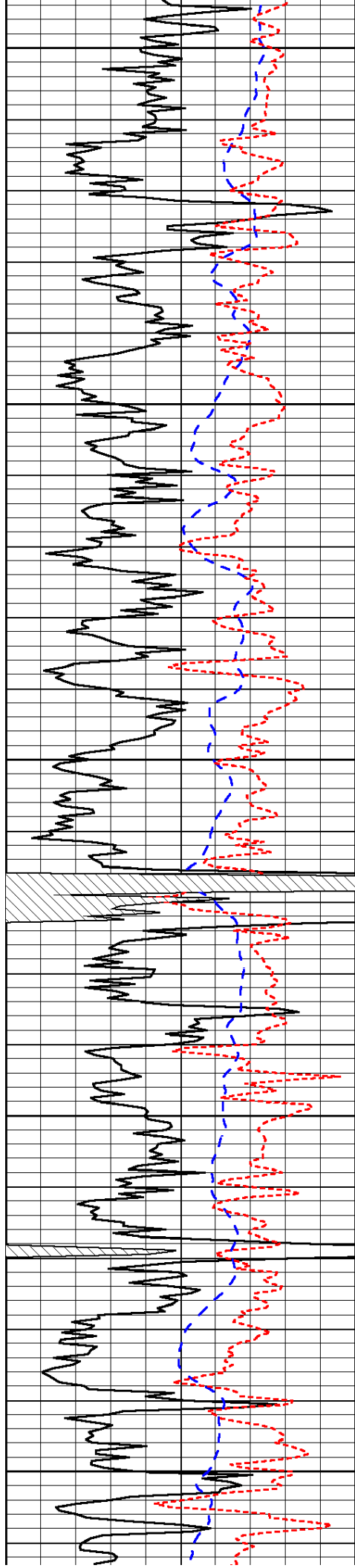


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-32

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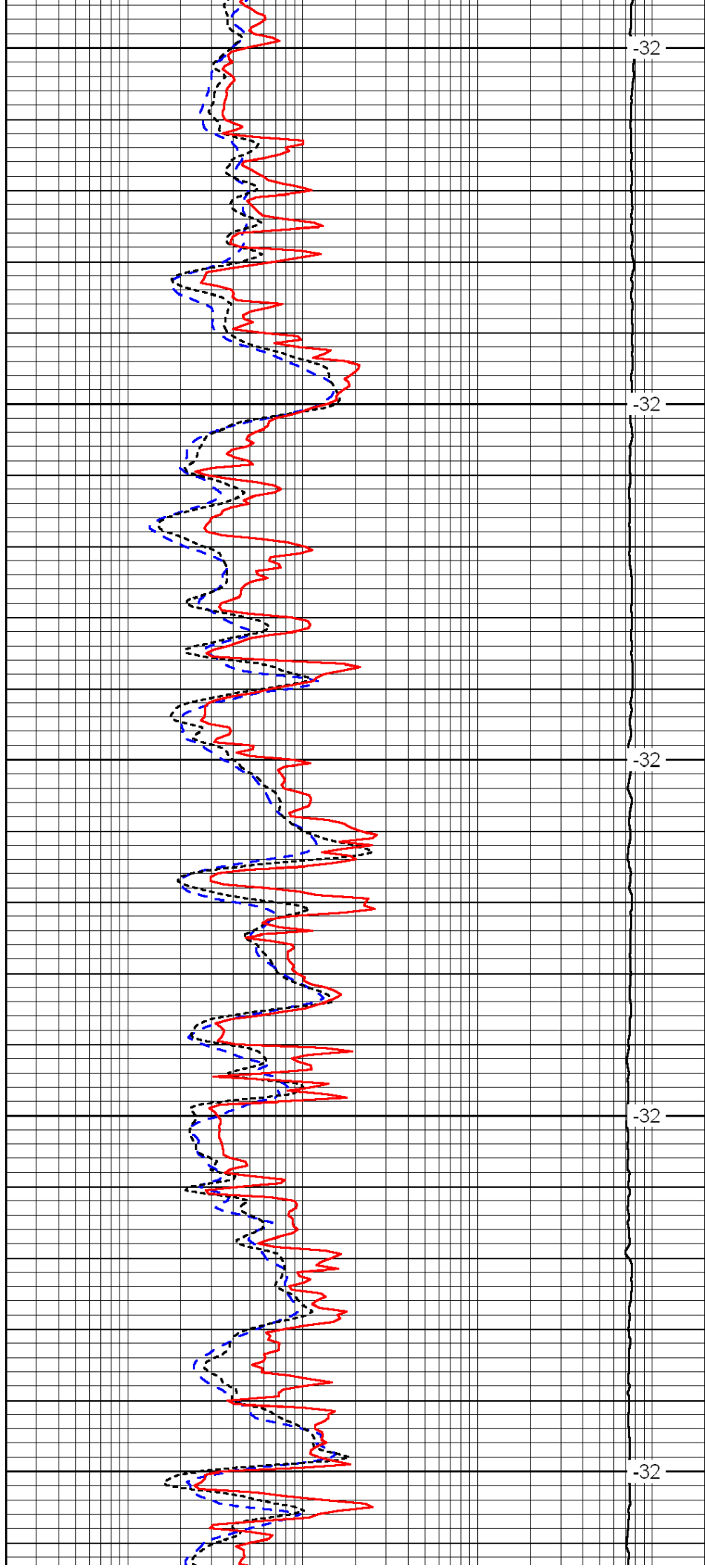
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2300

2350

2400

2450



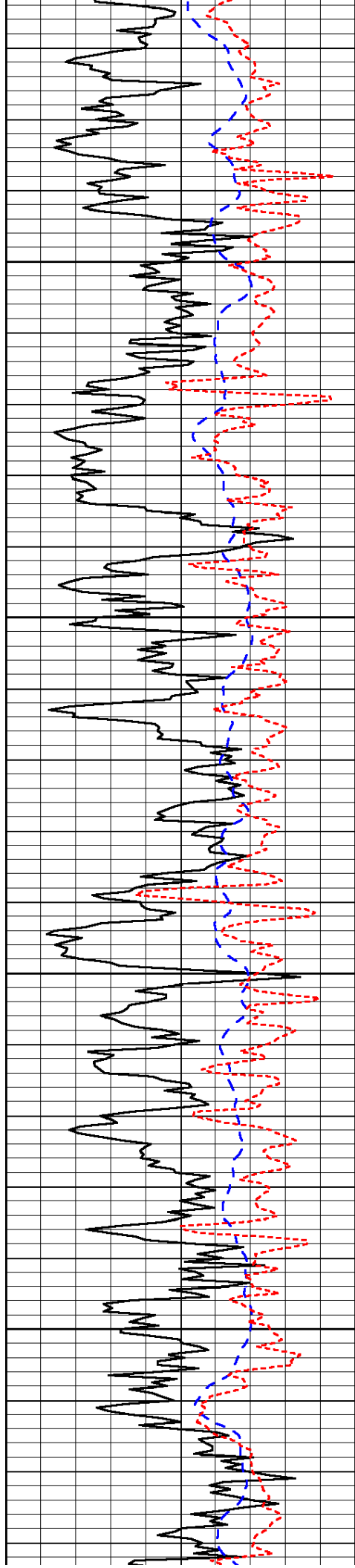
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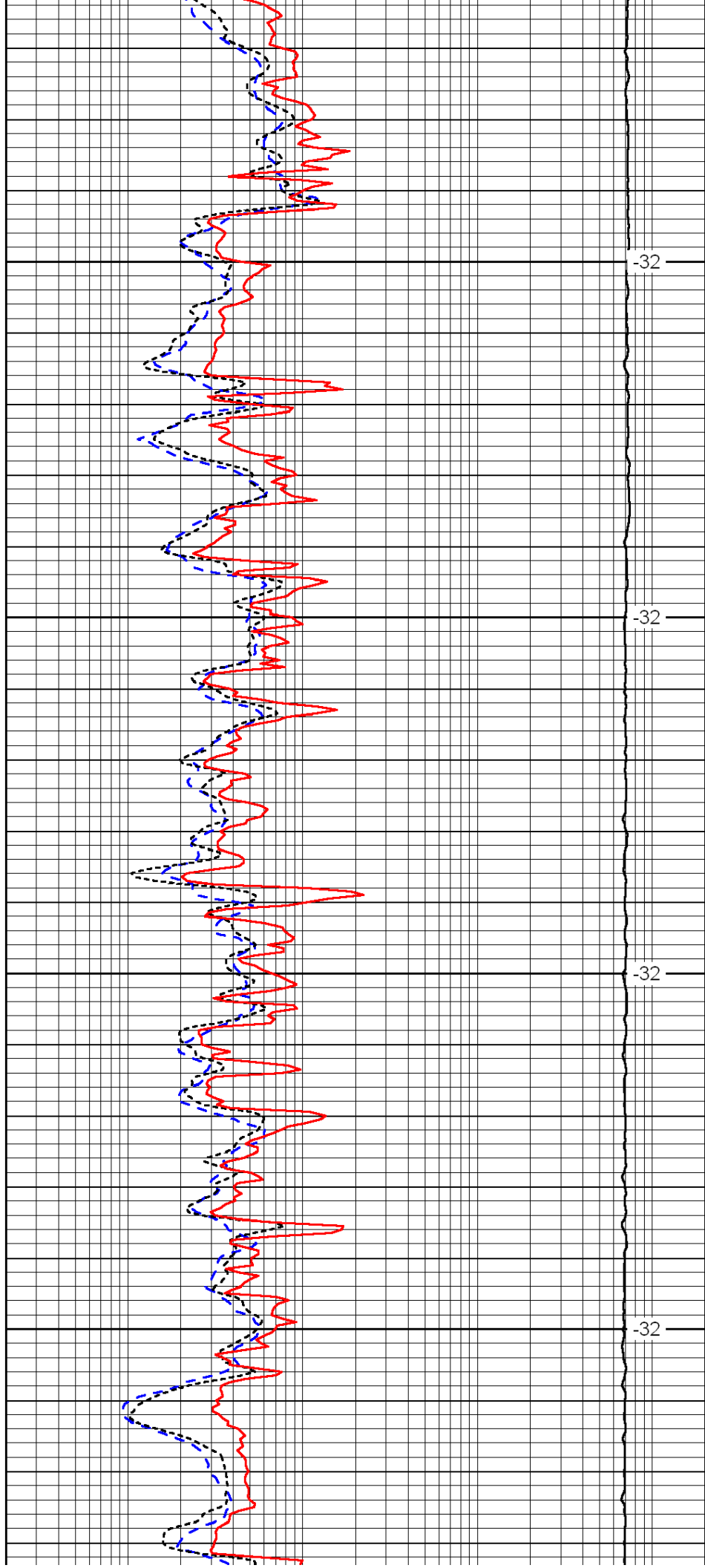


2500

2550

2600

2650

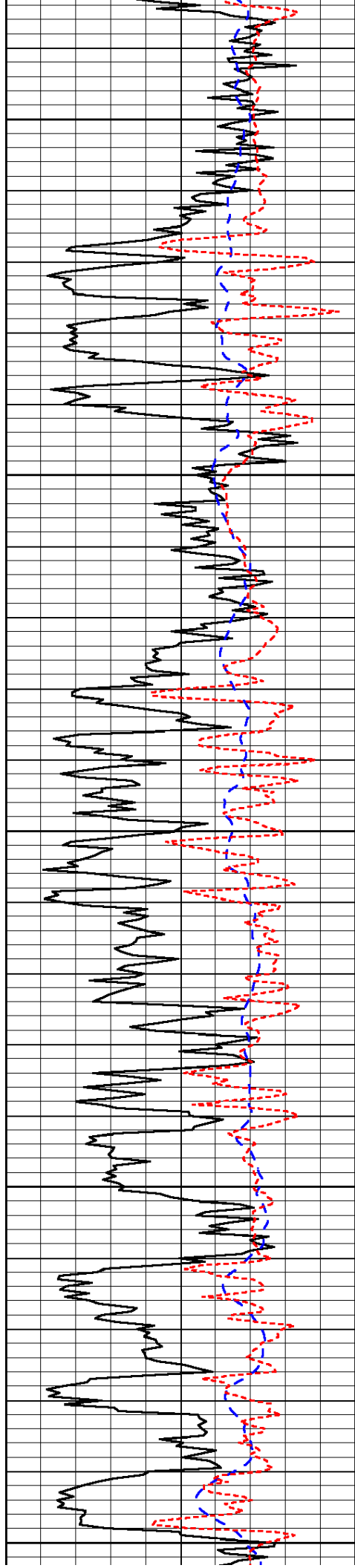


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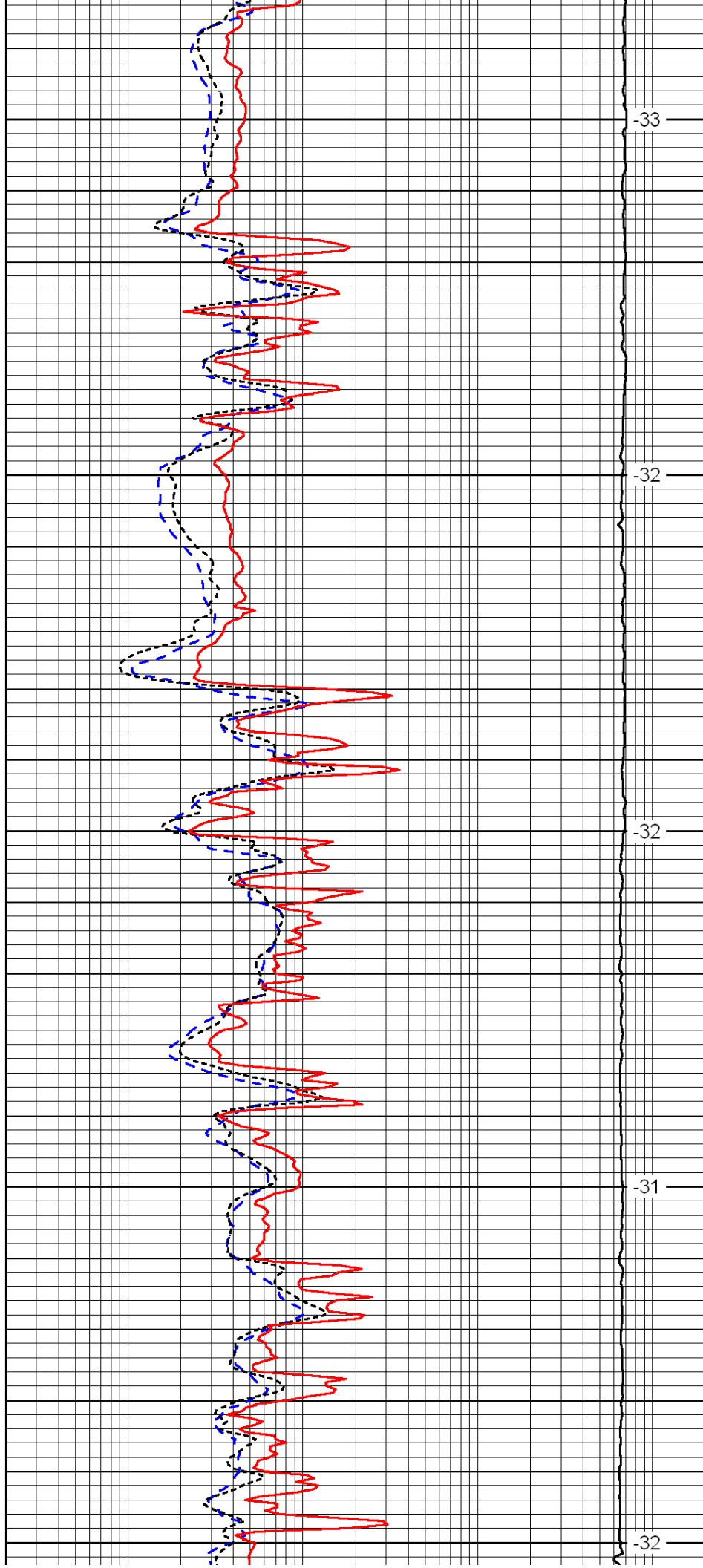
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2750

2800

2850

2900



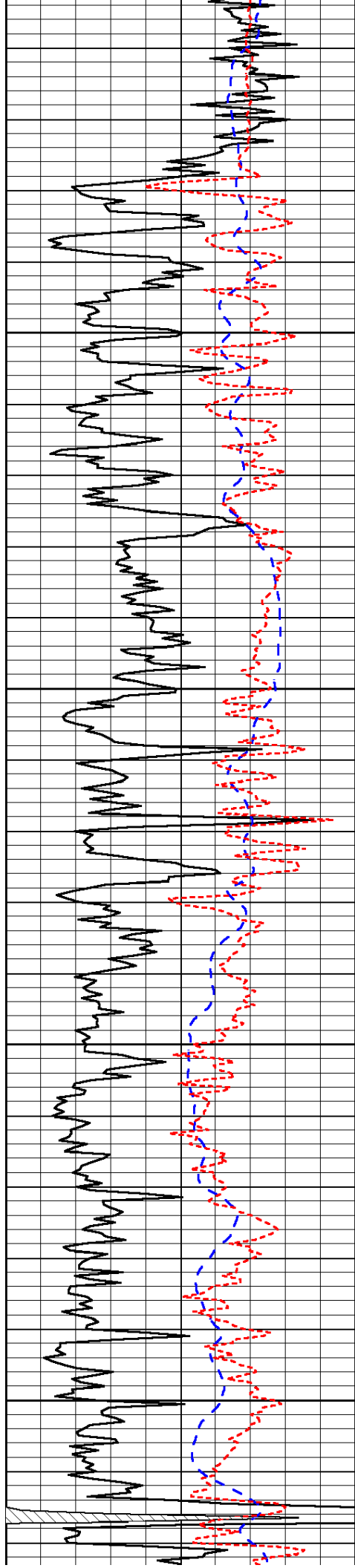
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-32

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-32

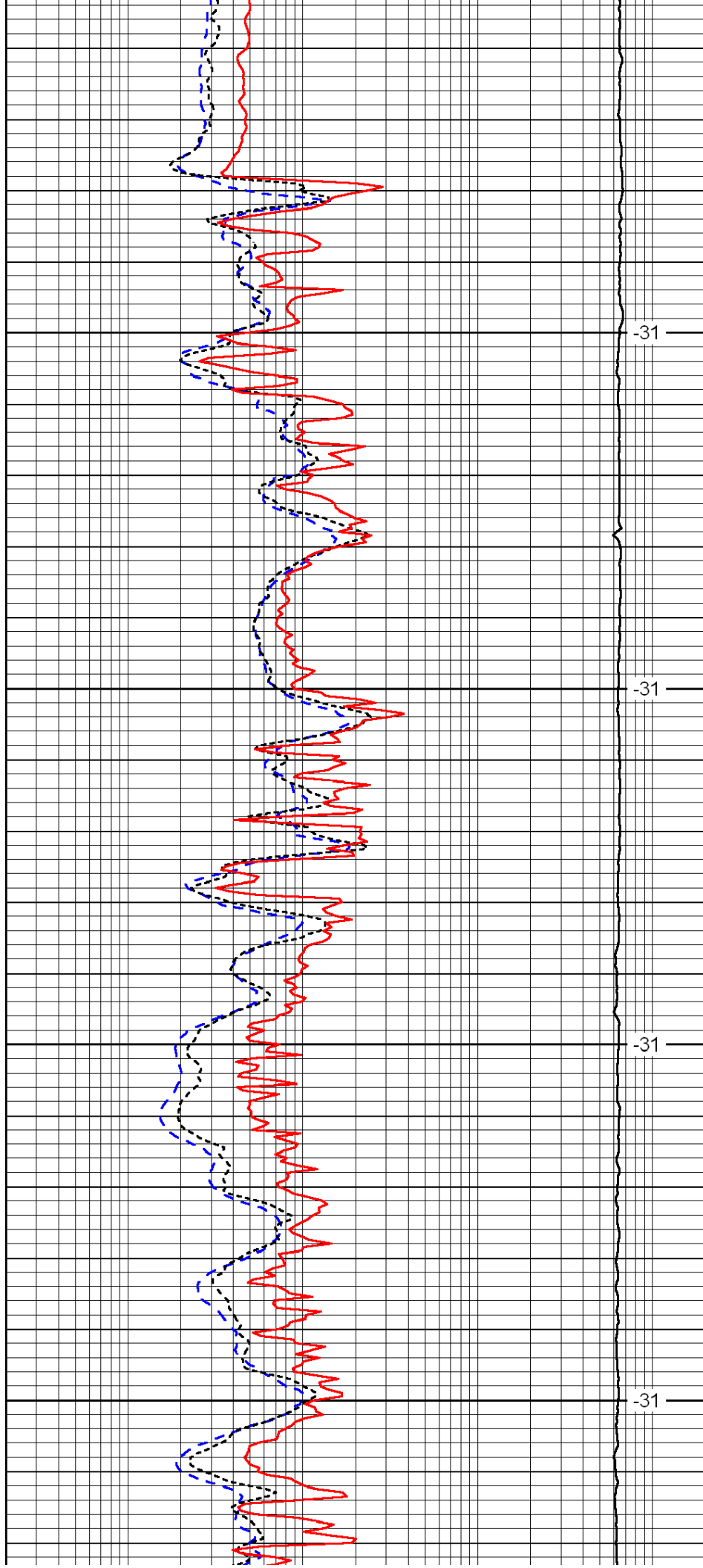


2950

3000

3050

3100

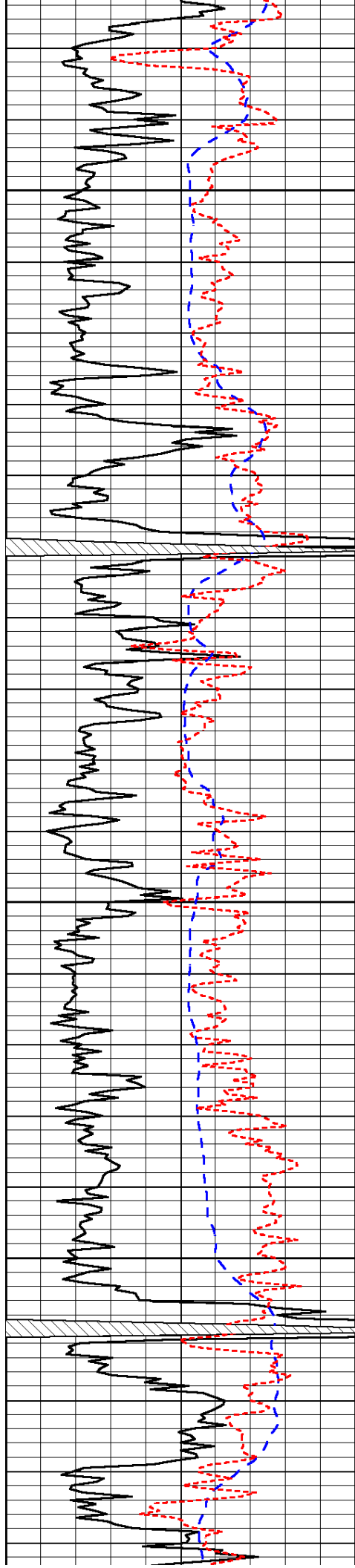


-31

-31

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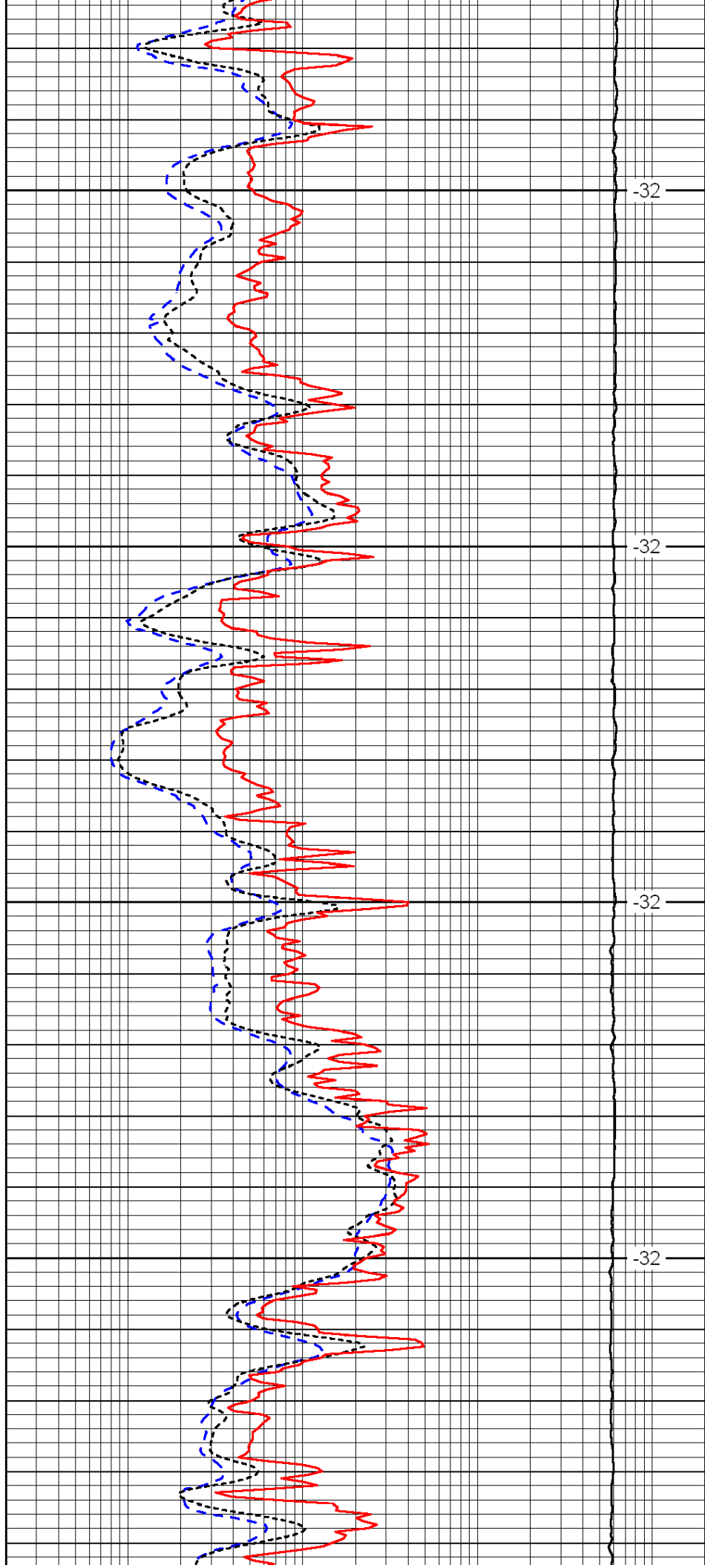


3150

3200

3250

3300

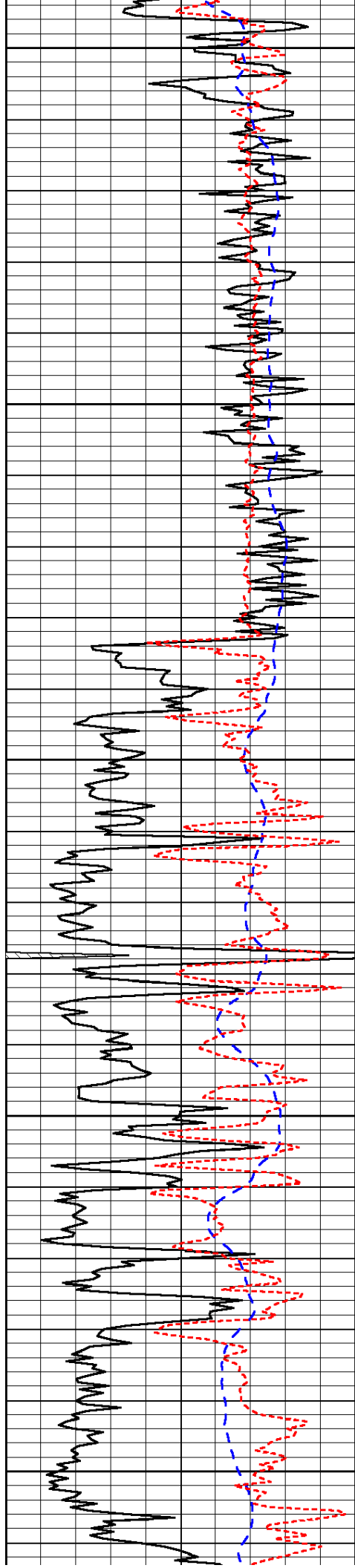


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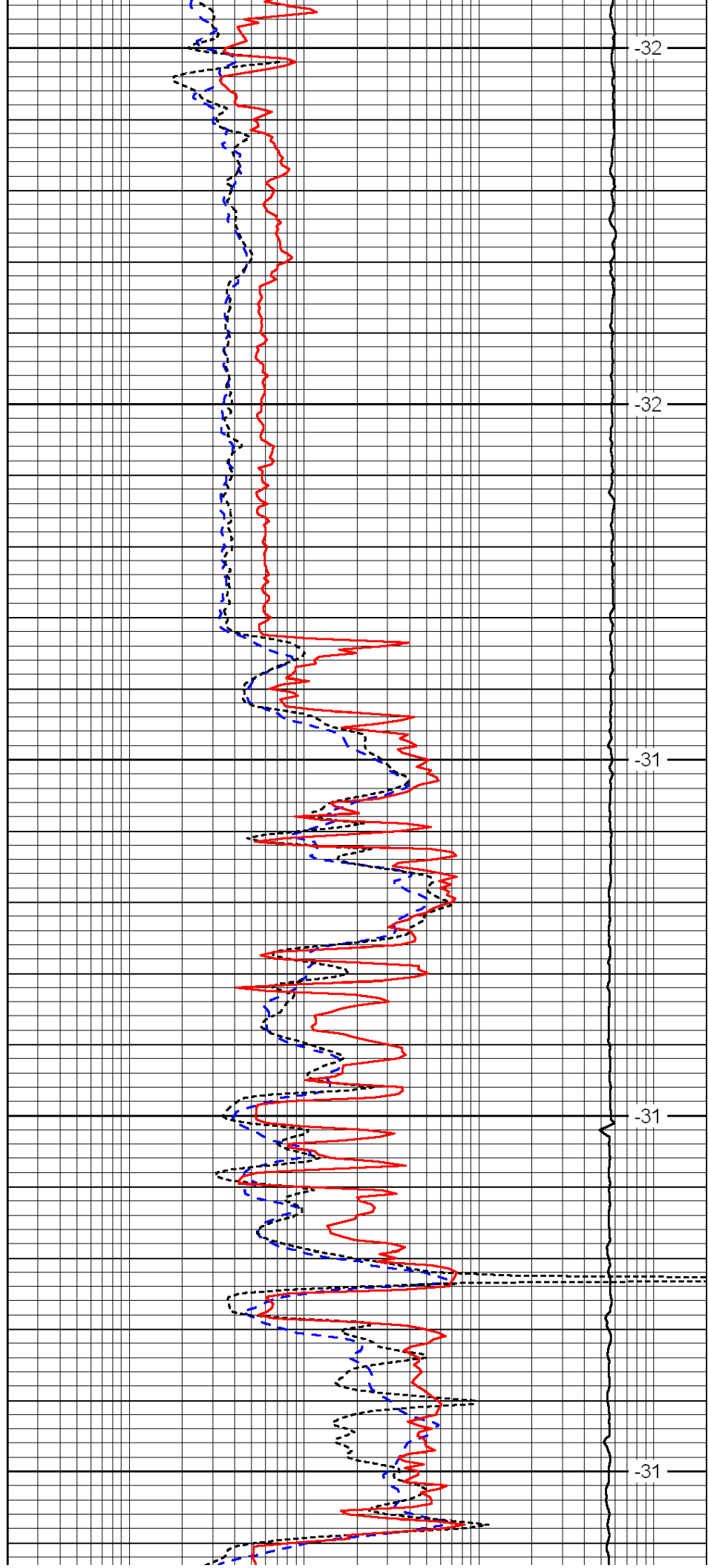
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3400

3450

3500

3550



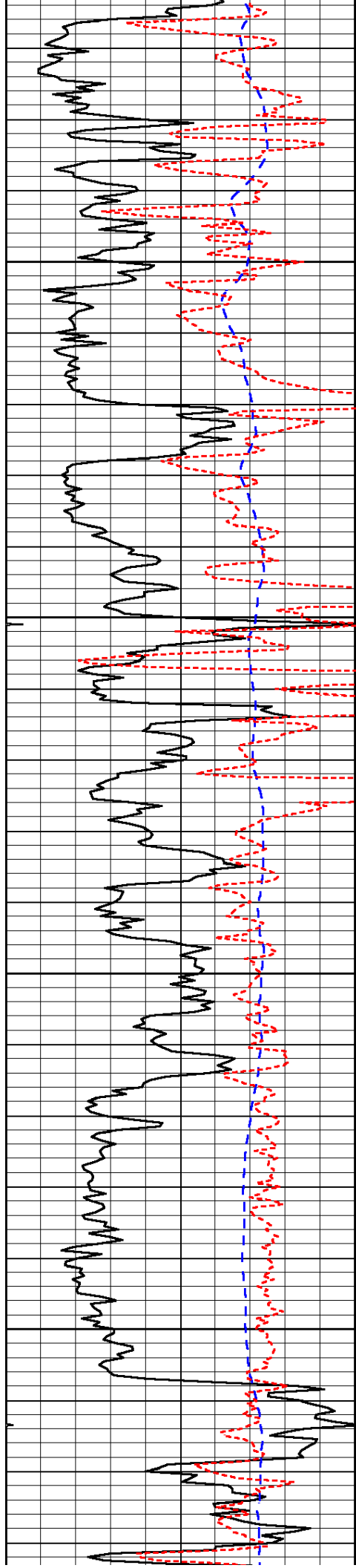
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-32

-31

-31

-31

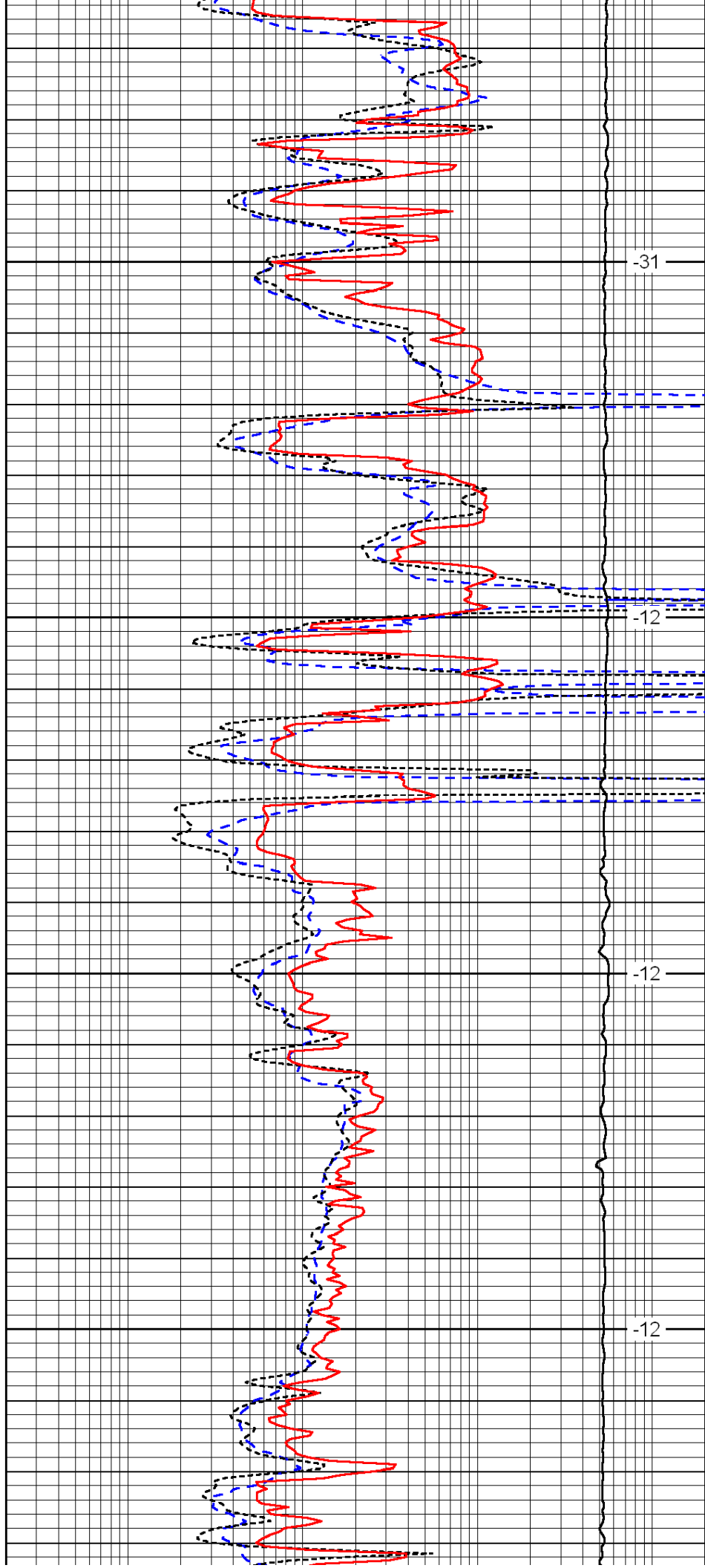


3600

3650

3700

3750

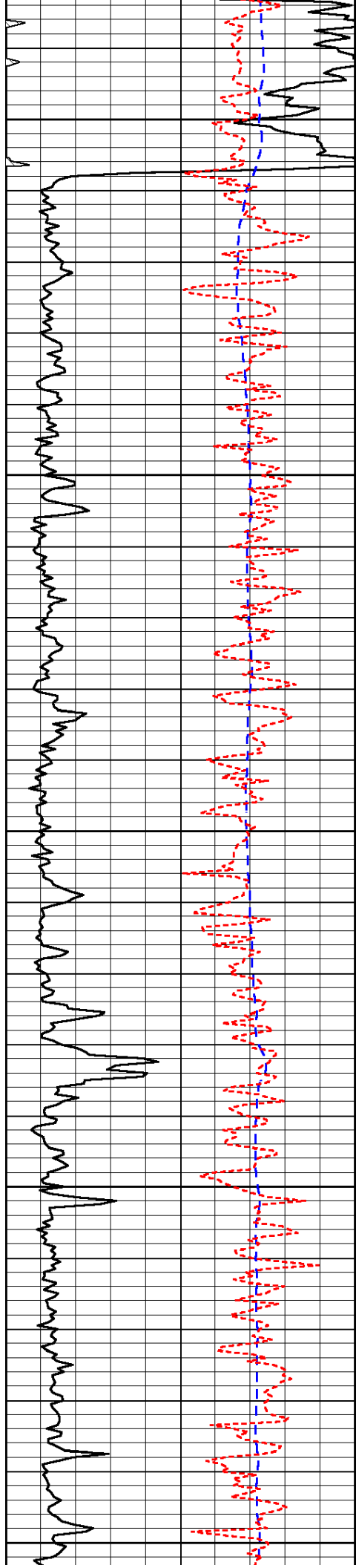


-31

-12

-12

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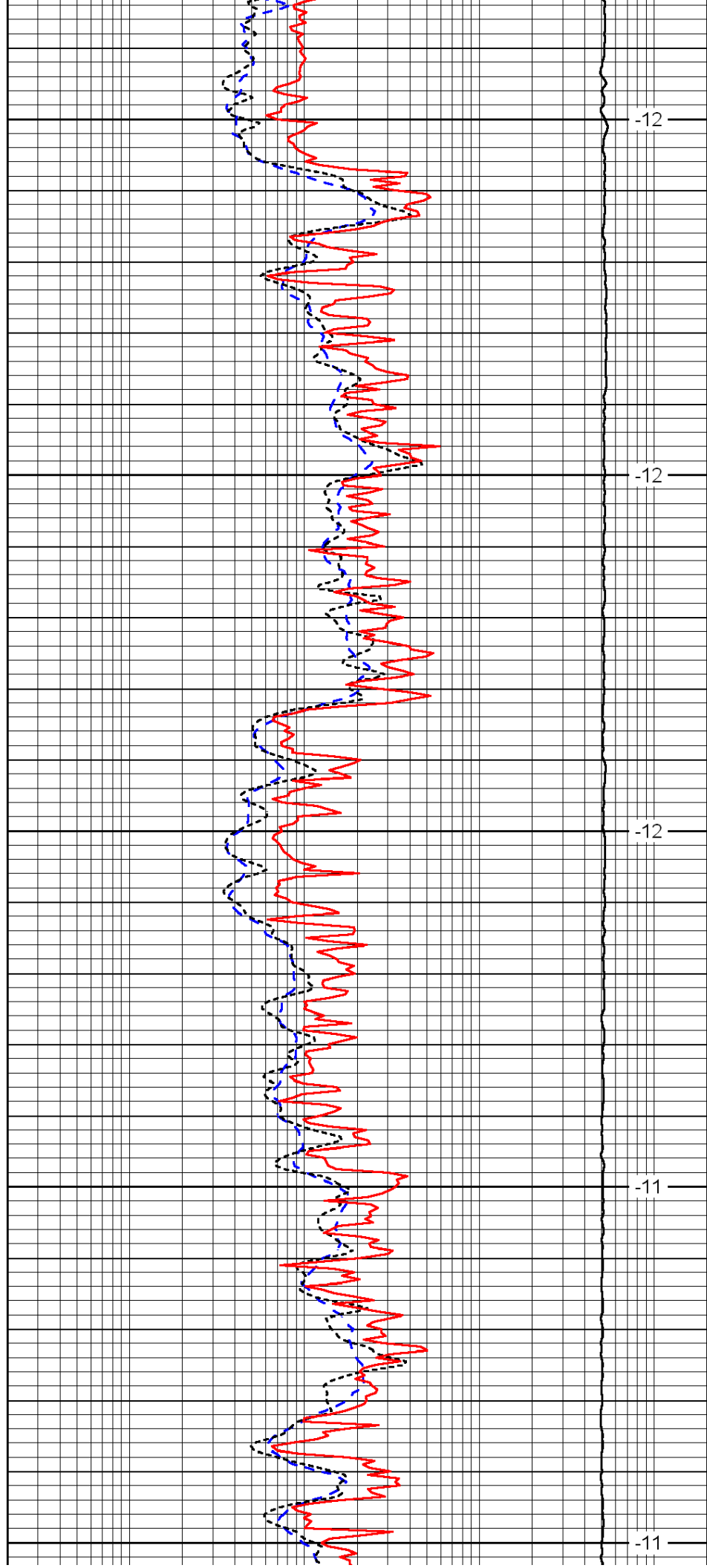
3800

3850

3900

3950

4000



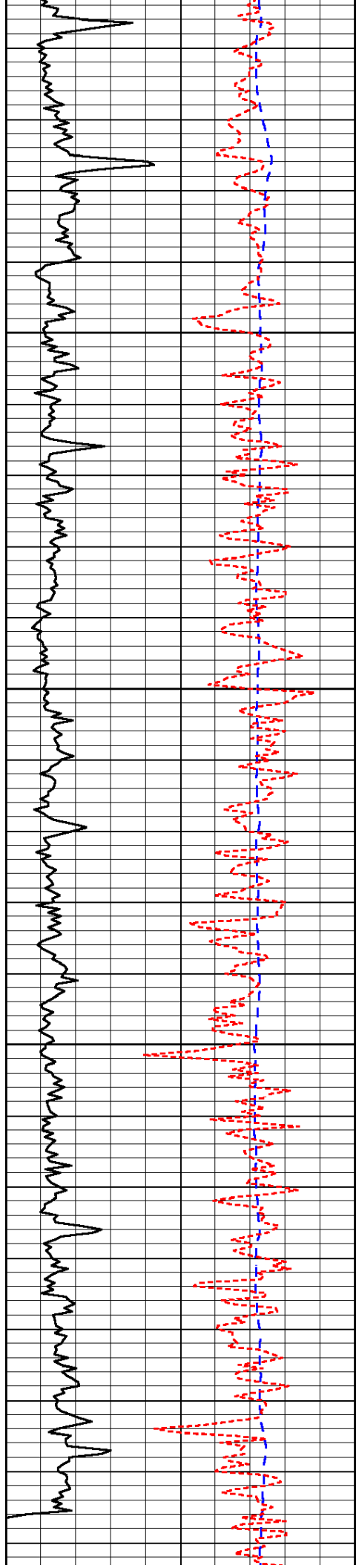
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-12

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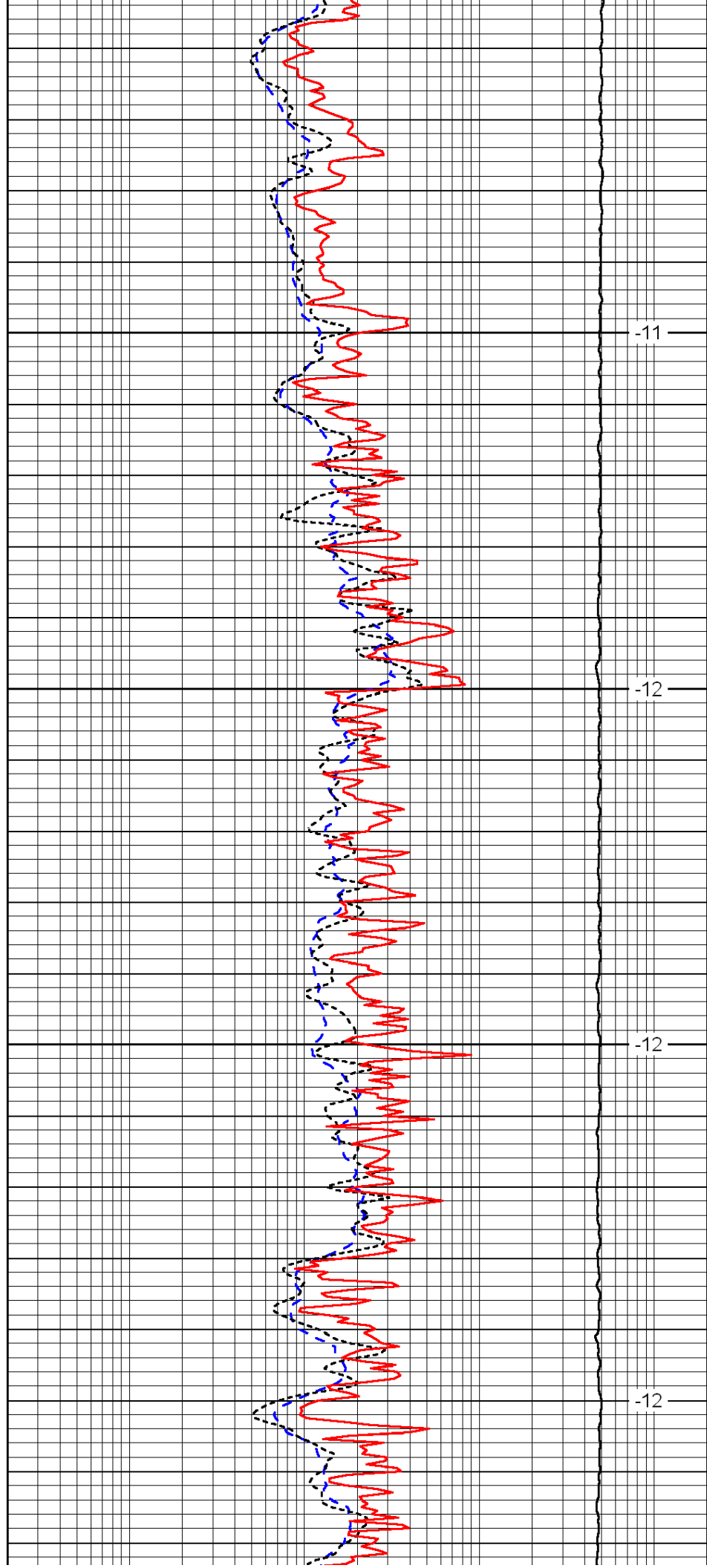


4050

4100

4150

4200

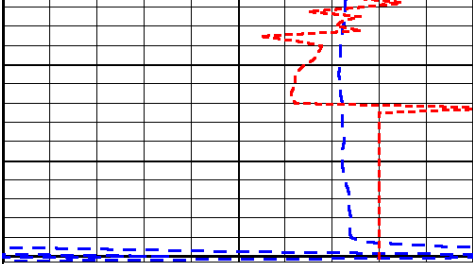


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-12

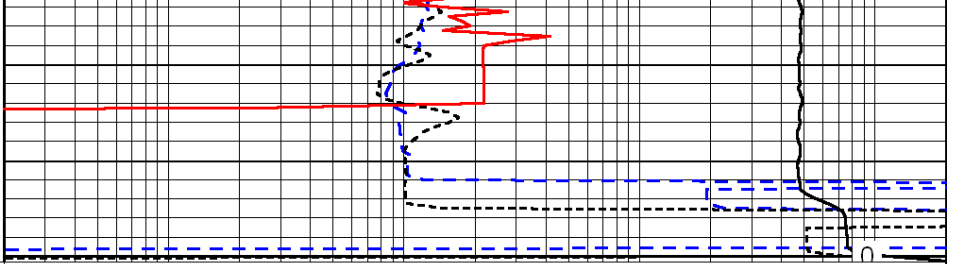
-12

-12



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

4250



0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
15000	Line Tension	0

LSPD