



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.	Company Pintail Petroleum, Ltd.		
15-135-24,901-00-00	Well Armstrong No. 4		
	Field Prairie Ridge		
	County Ness	State	Kansas
	Location	1260' FSL & 1425' FWL	
	Sec: 7	Twp: 16 S	Rge: 26 W
	Permanent Datum	Ground Level	Elevation 2654
	Log Measured From	Kelly Bushing	5 Ft. Above Perm. Datum
	Drilling Measured From	Kelly Bushing	K.B. 2659 D.F. 2654 G.L. 2654
Date		5/11/09	
Run Number		One	
Depth Driller		4540	
Depth Logger		4540	
Bottom Logged Interval		4539	
Top Log Interval		200	
Casing Driller		8.625 @ 212	
Casing Logger		211	
Bit Size		7.875	
Type Fluid in Hole		Chemical	
Salinity, ppm CL		3.000	
Density / Viscosity		9.4 49	
pH / Fluid Loss		10.0 7.6	
Source of Sample		Flowline	
Rm @ Meas. Temp		.68 @ 70	
Rmf @ Meas. Temp		.51 @ 70	
Rmc @ Meas. Temp		.92 @ 70	
Source of Rmf / Rmc		Charts	
Rm @ BHT		.39 @ 123	
Operating Rig Time		3 Hours	
Max Rec. Temp. F		123	
Equipment Number		4	
Location		Hays	
Recorded By		K. Bange	
Witnessed By		Flip Phillips	

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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

Utica, W to 'A' rd (Quinter rd), 2 N, 3/4 W, N into

Database File: ptail511hd.db
Dataset Pathname: dil/ptail2in
Presentation Format: dil2in
Dataset Creation: Mon May 11 08:51:51 2009
Charted by: Depth in Feet scaled 1:600

0	Gamma Ray	150
-200	SP	0

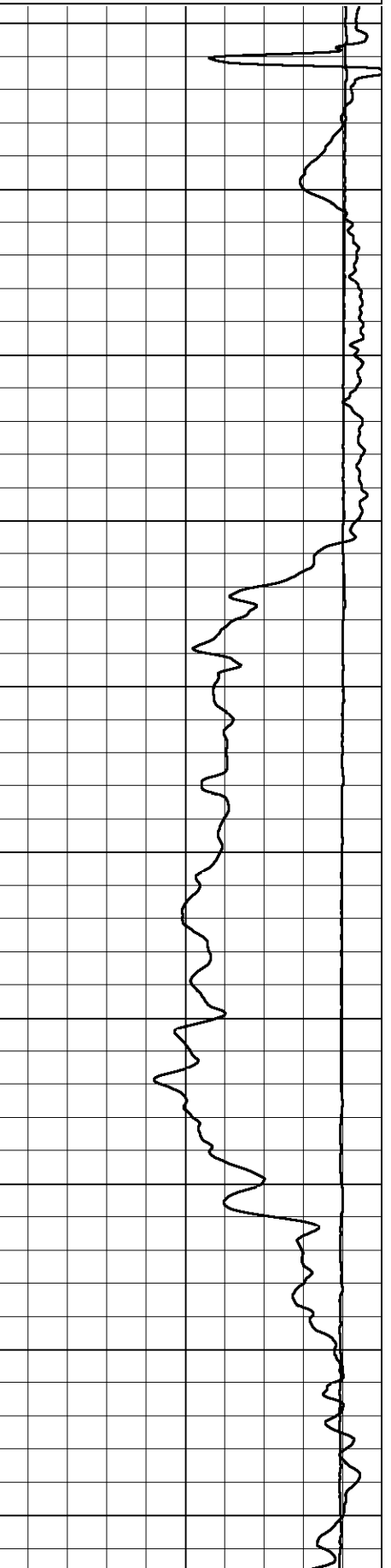
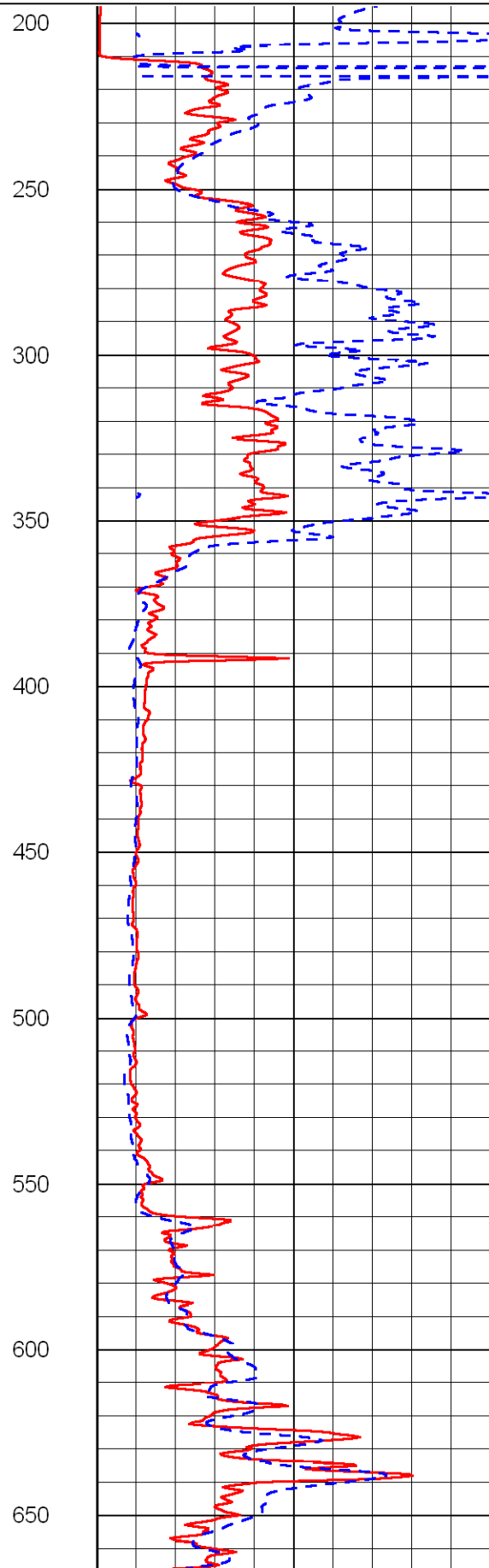
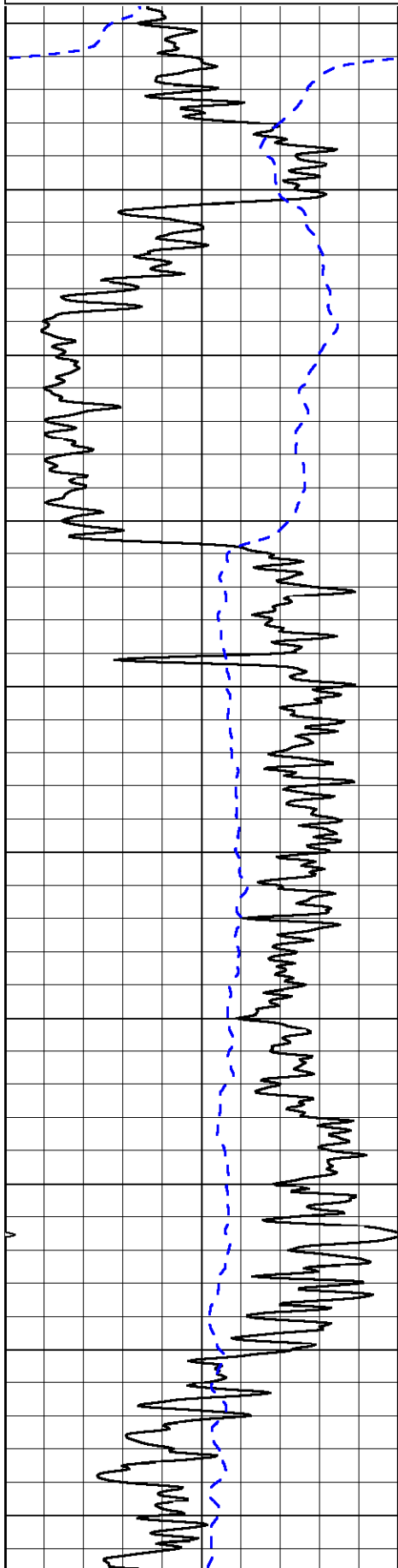
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0	Deep Resistivity	50

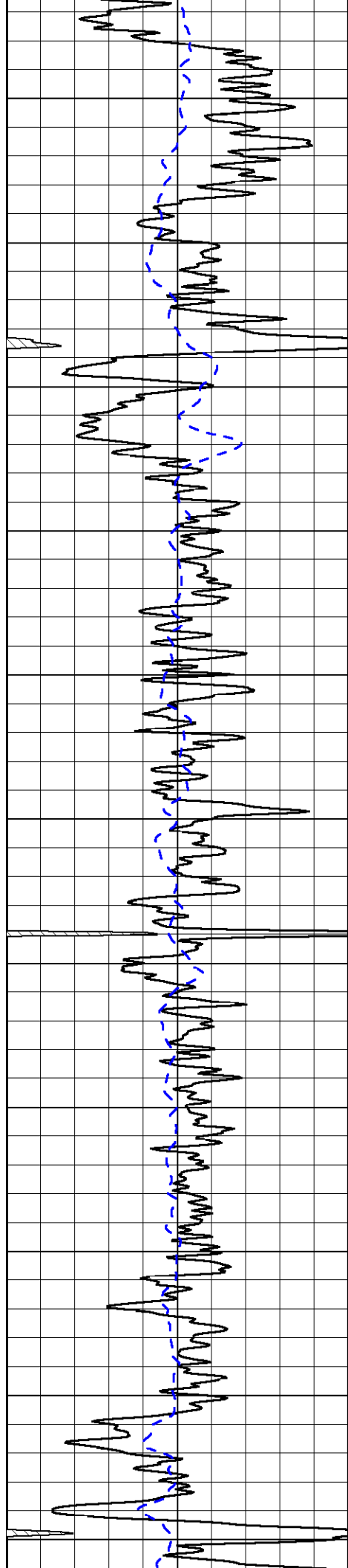
1000	Conductivity (mmho-m)	0
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15000	Line Tension	0
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50	Shallow Resistivity	500
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50	Deep Resistivity	500
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700

750

800

850

900

950

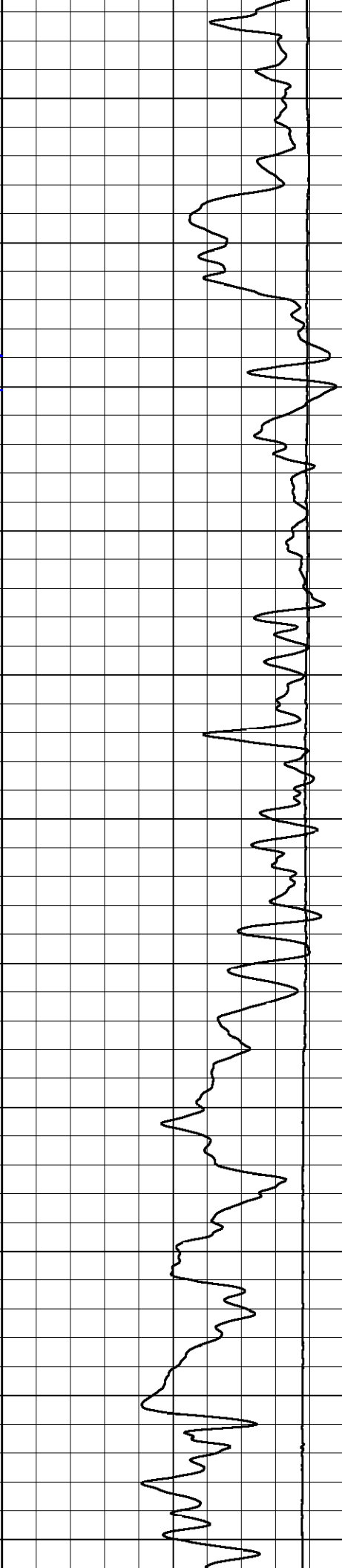
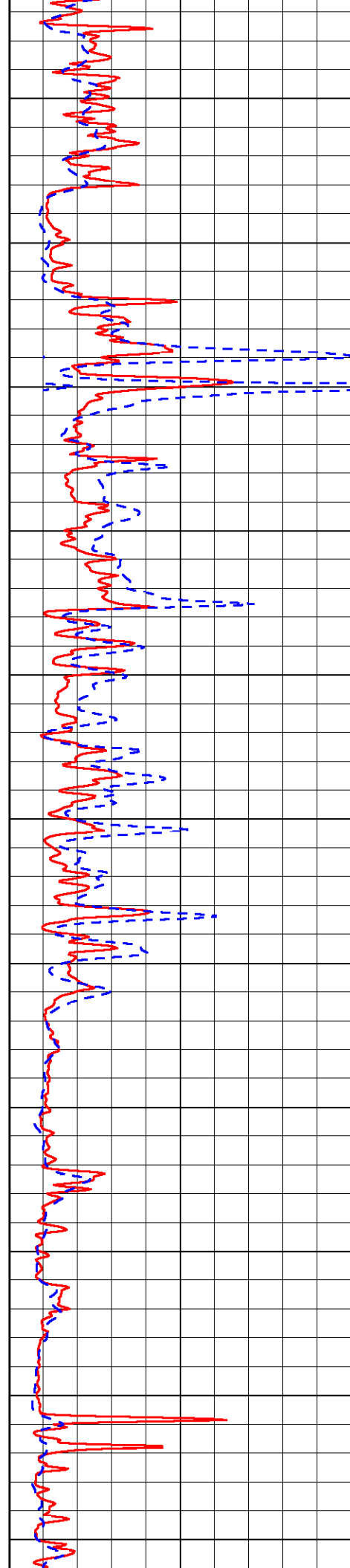
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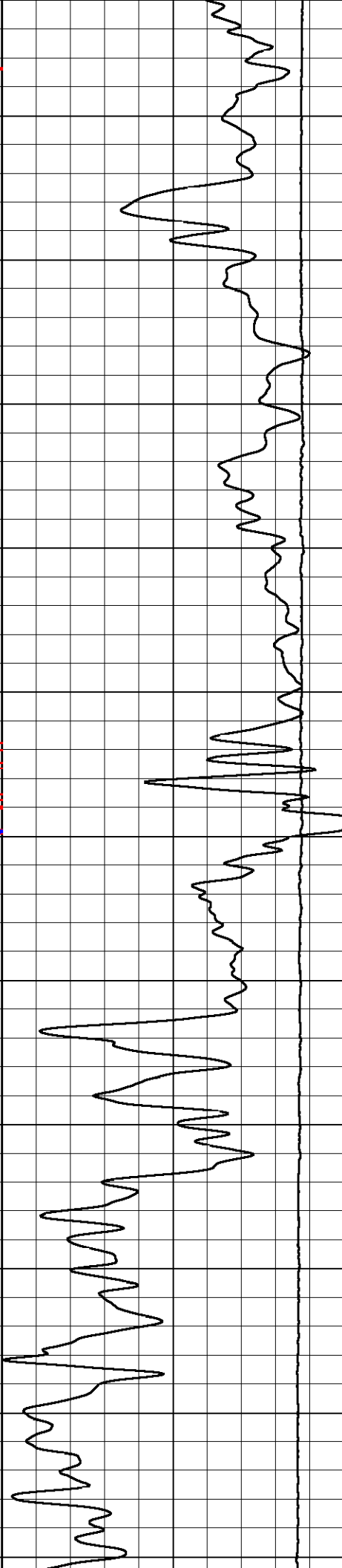
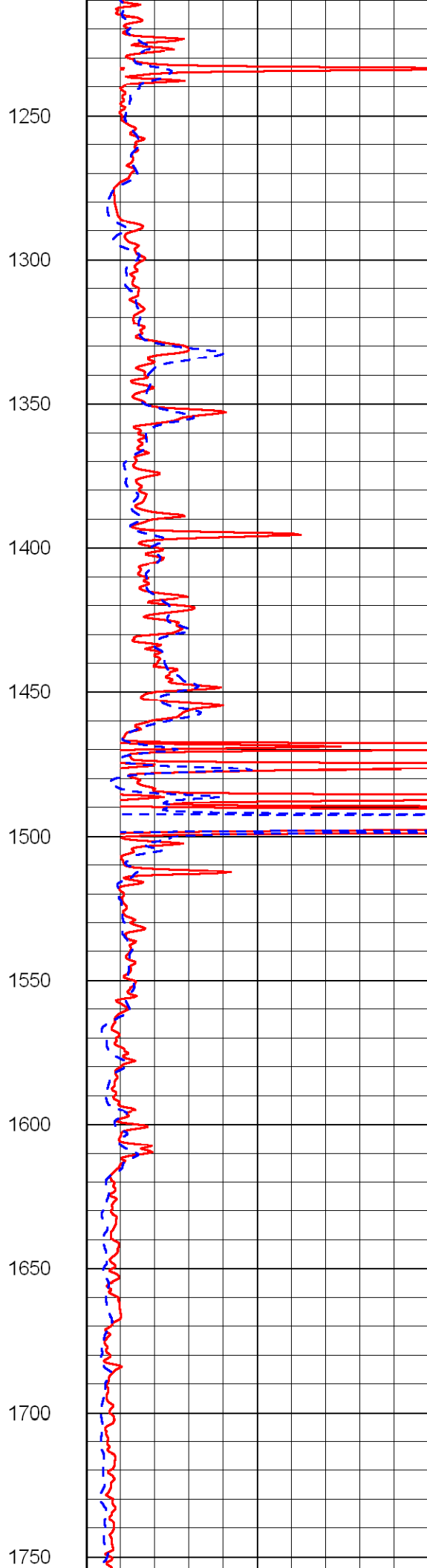
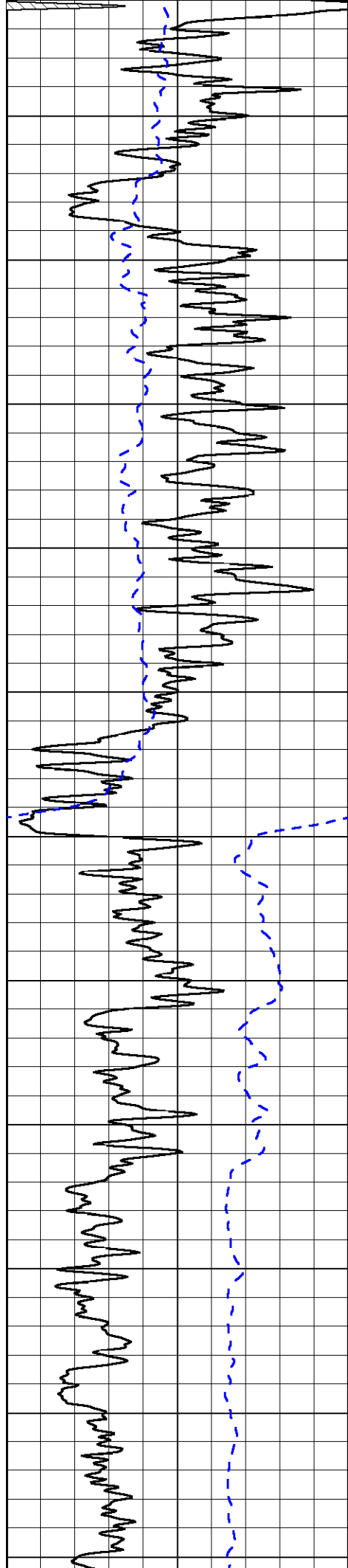
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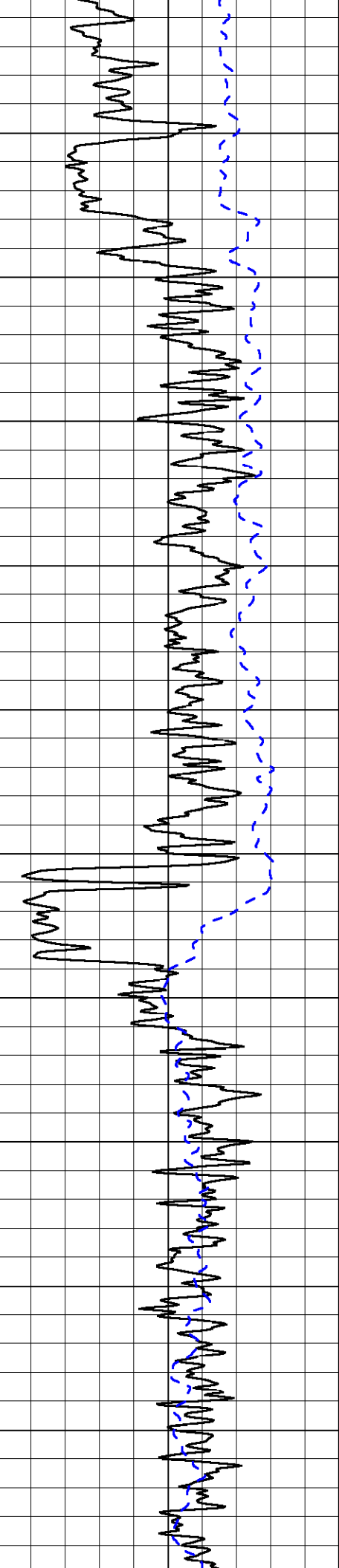
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1150

1200







1800

1850

1900

1950

2000

2050

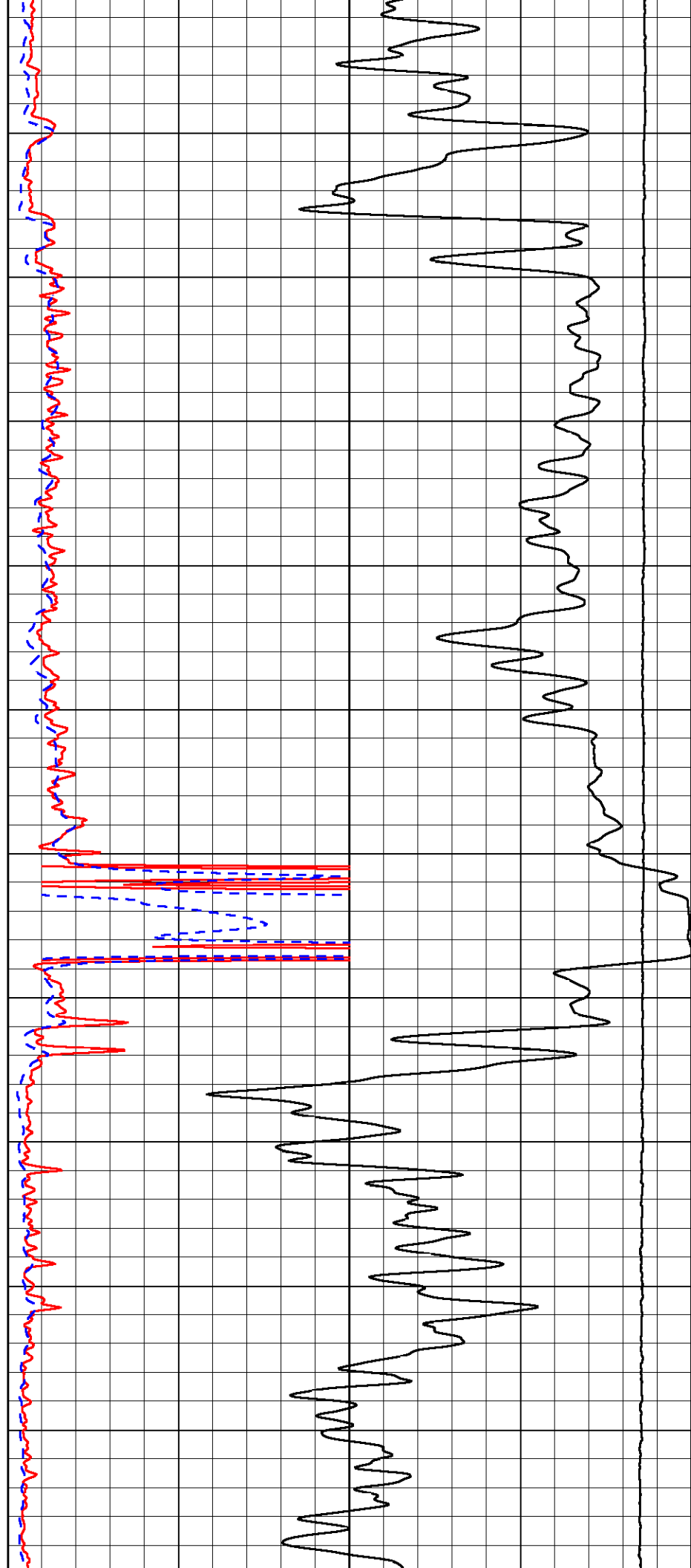
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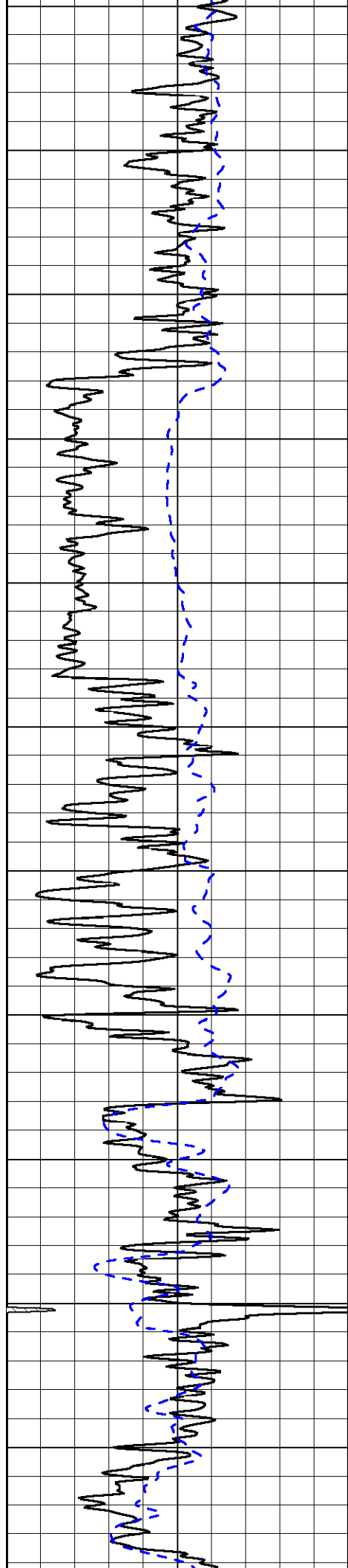
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2200

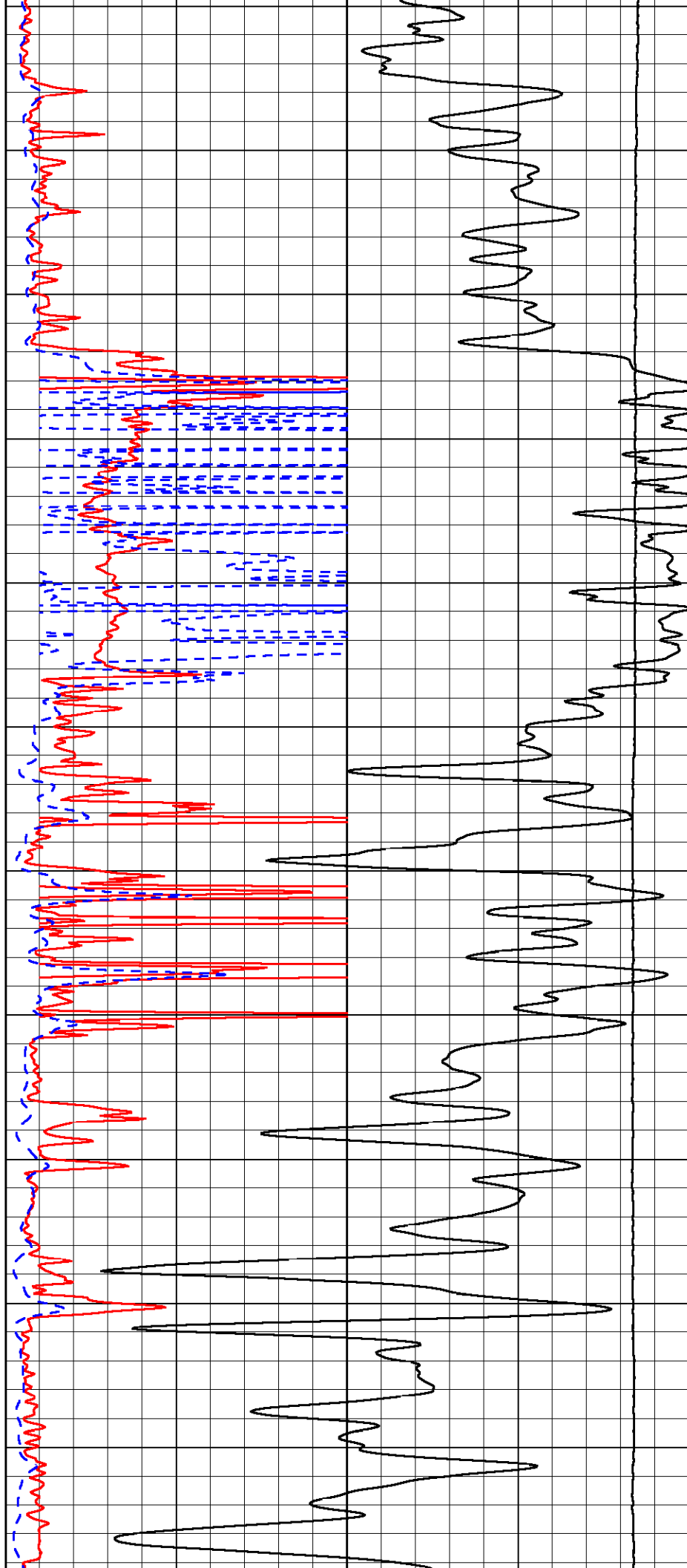
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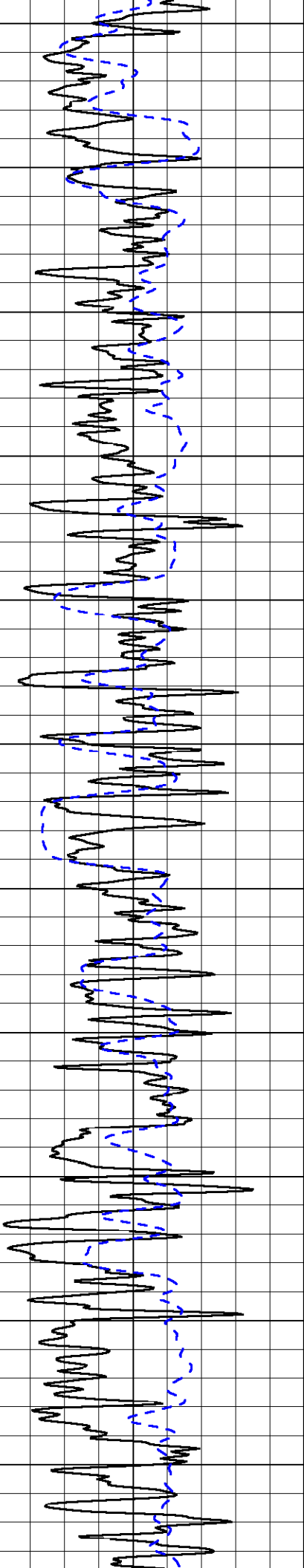
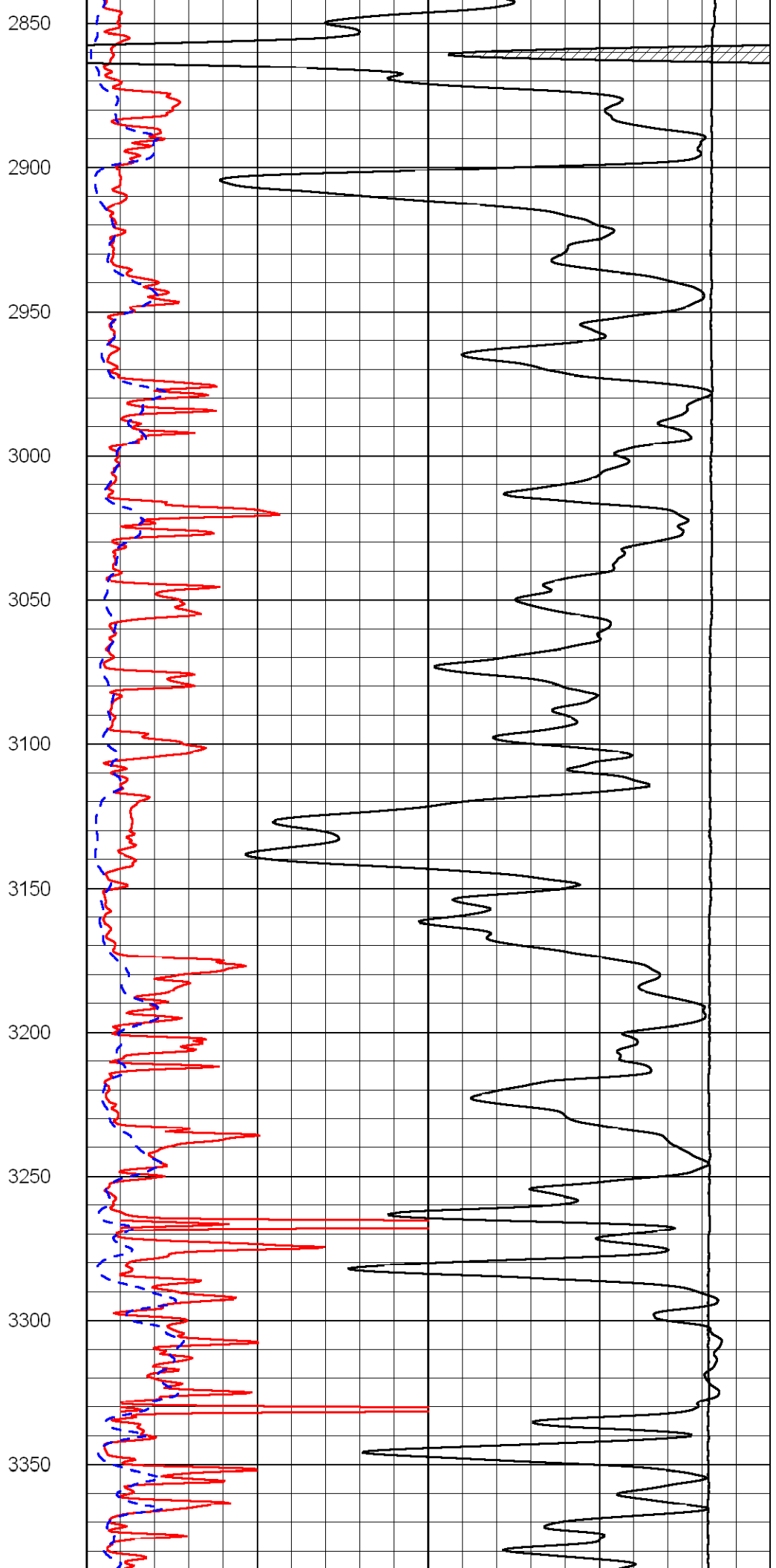
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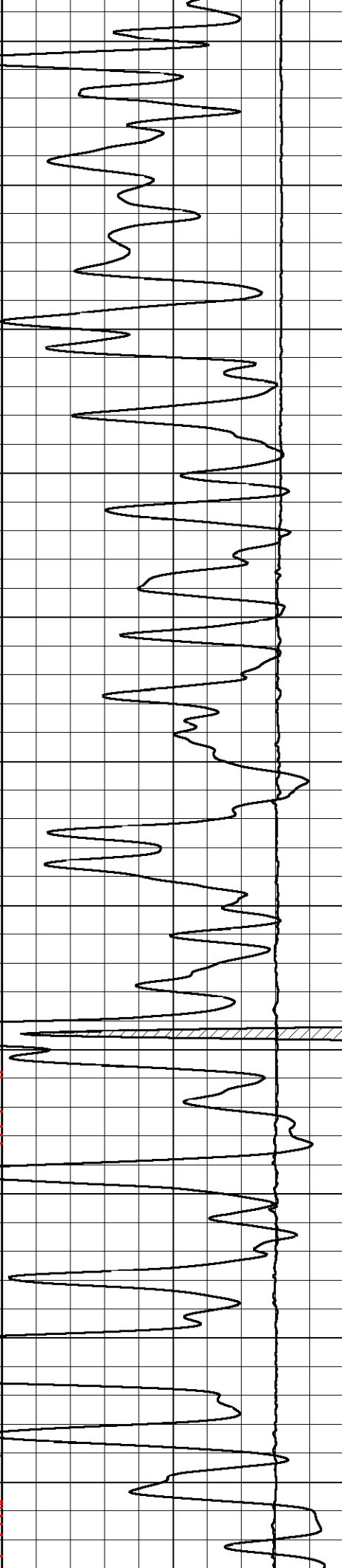
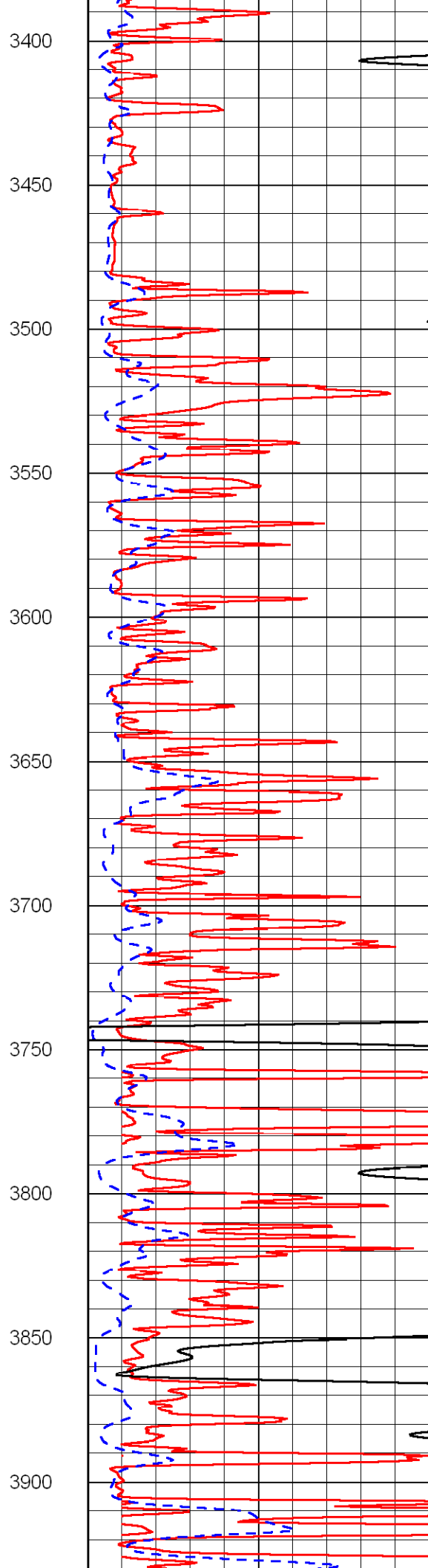
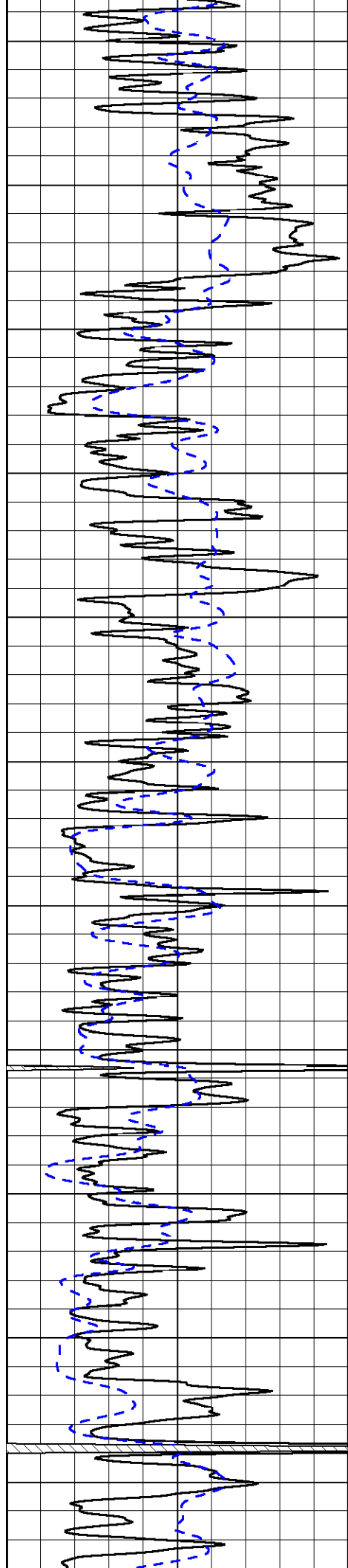


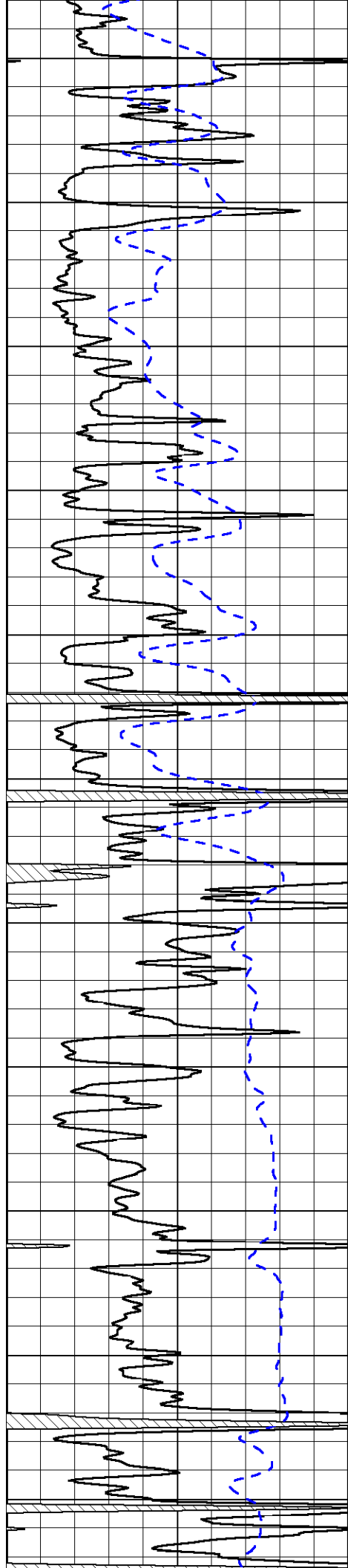


2300
2350
2400
2450
2500
2550
2600
2650
2700
2750
2800









3950

4000

4050

4100

4150

4200

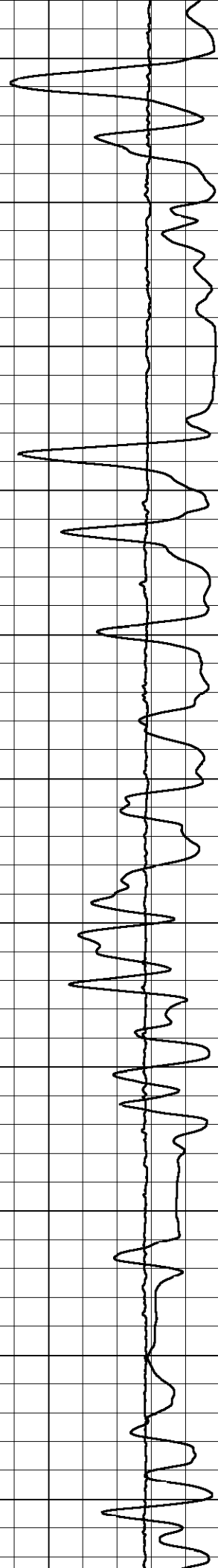
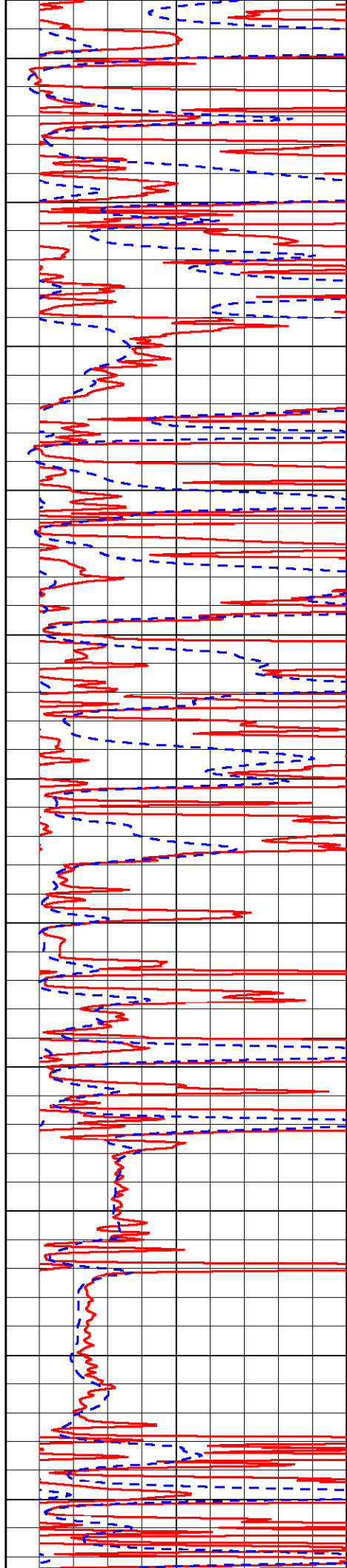
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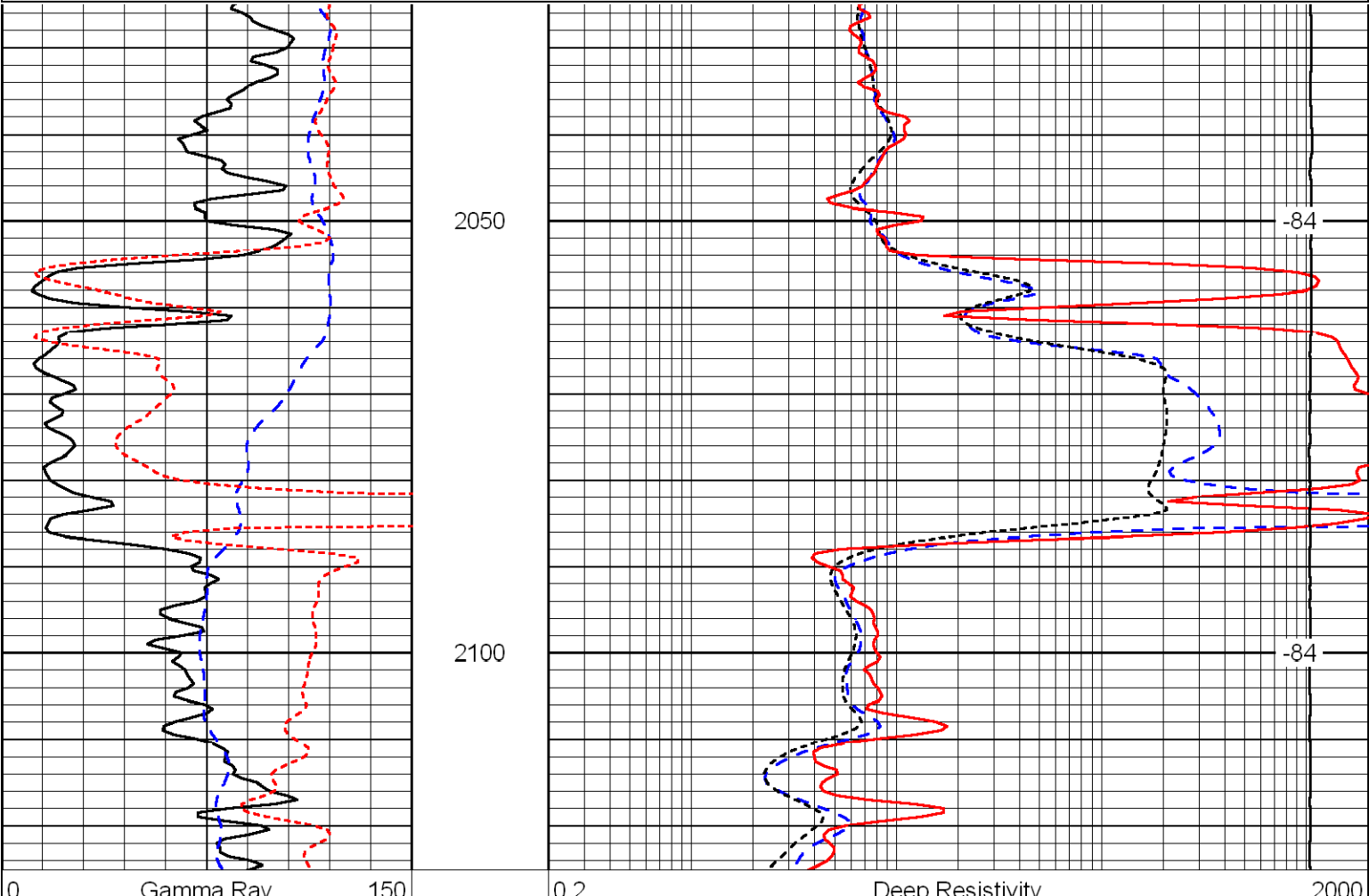
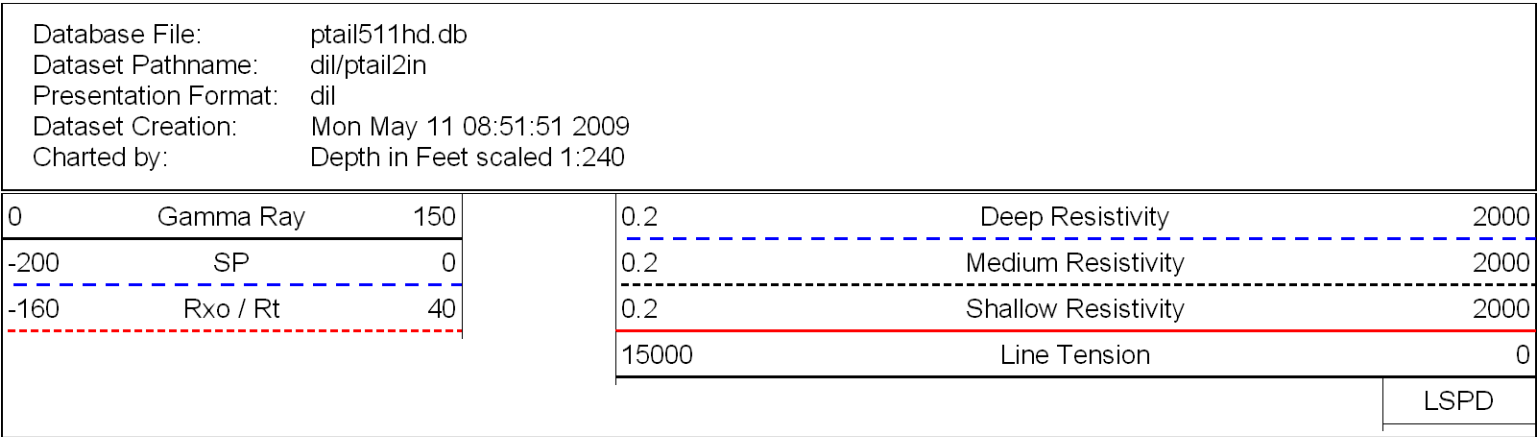
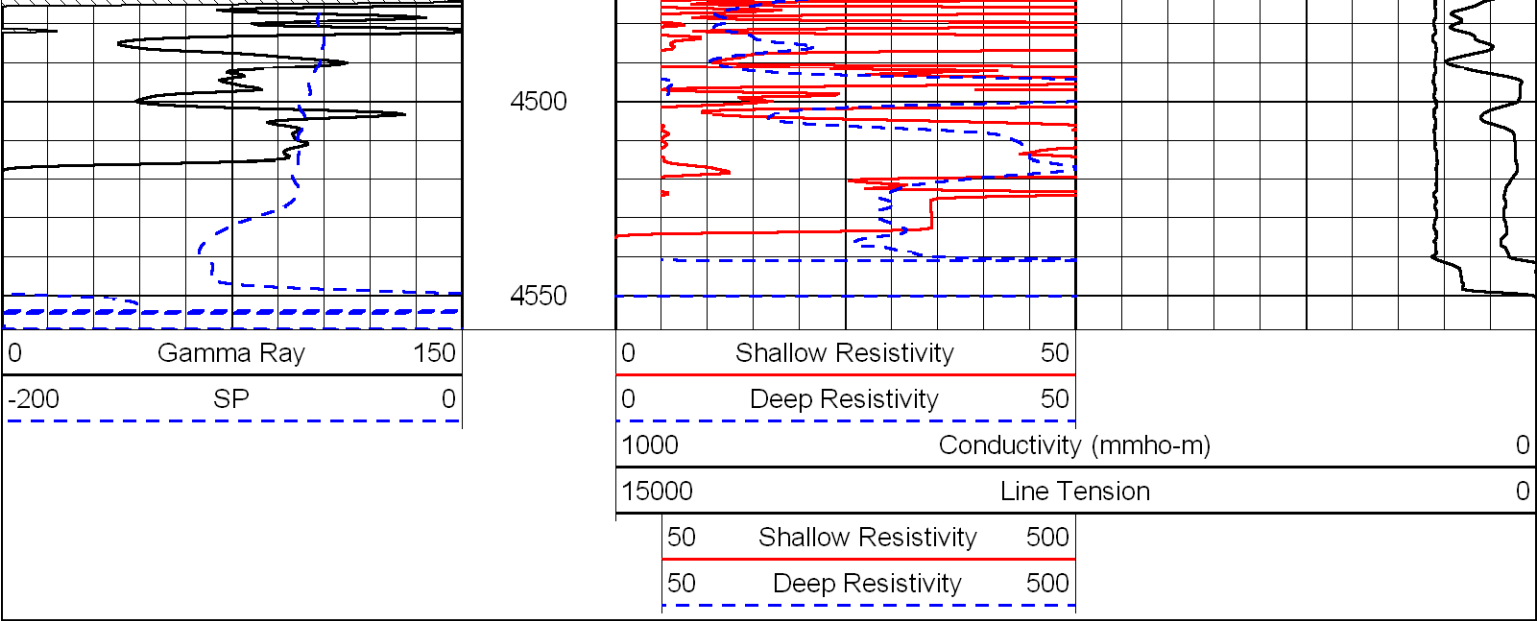
4300

4350

4400

4450





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

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

Database File:

ptail511hd.db

Dataset Pathname:

dil/ptail2in

Presentation Format:

dil

Dataset Creation:

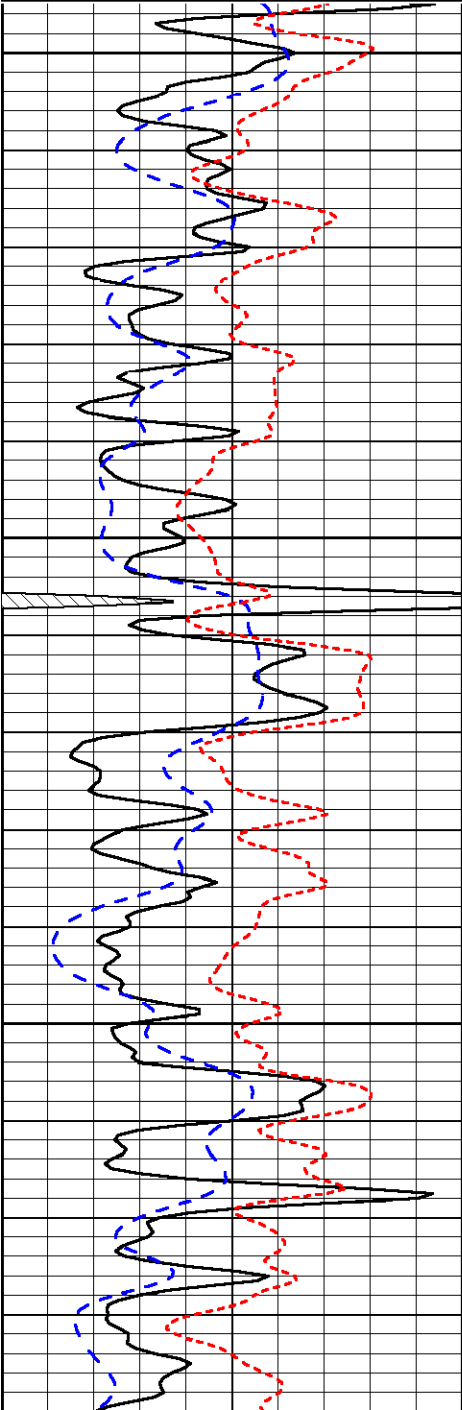
Mon May 11 08:51:51 2009

Charted by:

Depth in Feet scaled 1:240

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

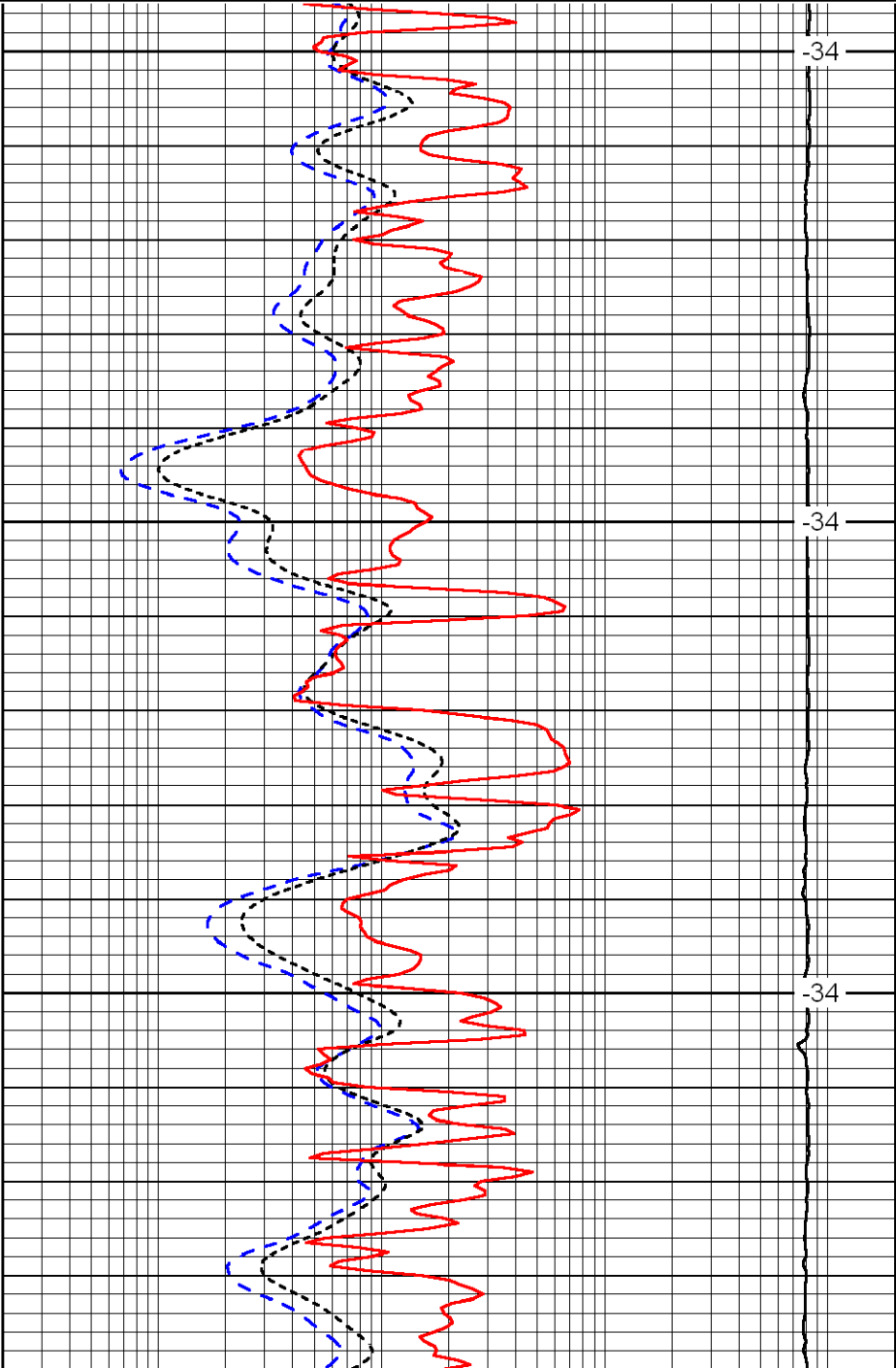
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0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
15000	Line Tension	0
		LSPD



3700

3750

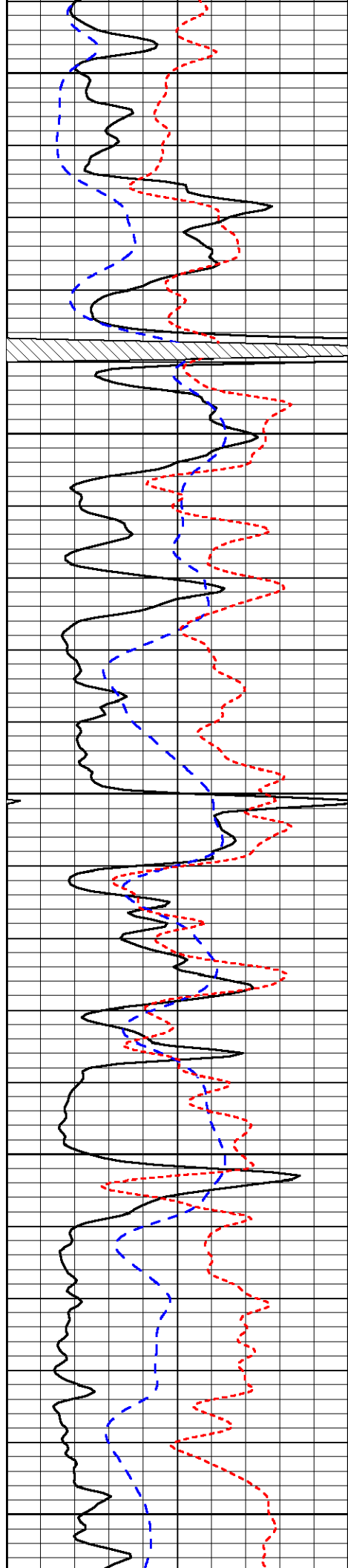
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-34

-34

-34



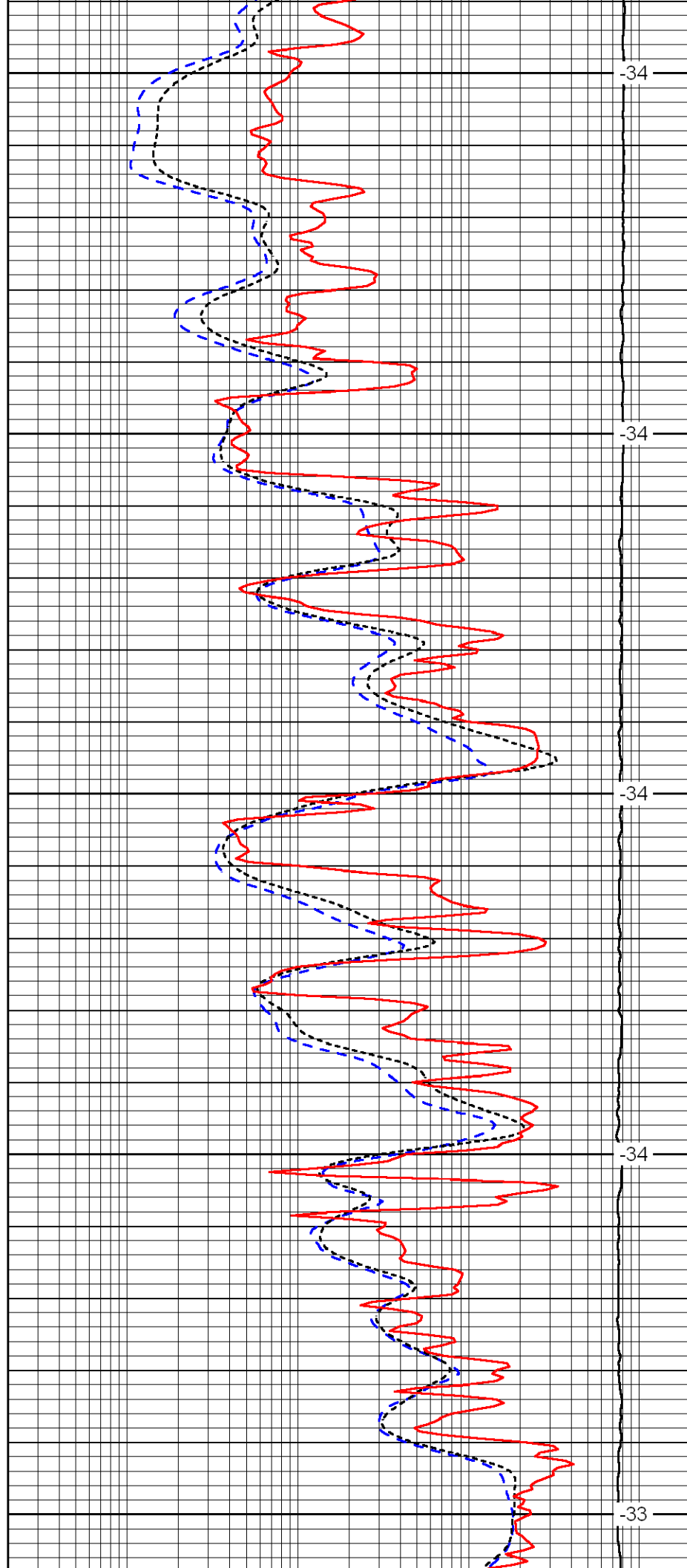
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3900

3950

4000

4050



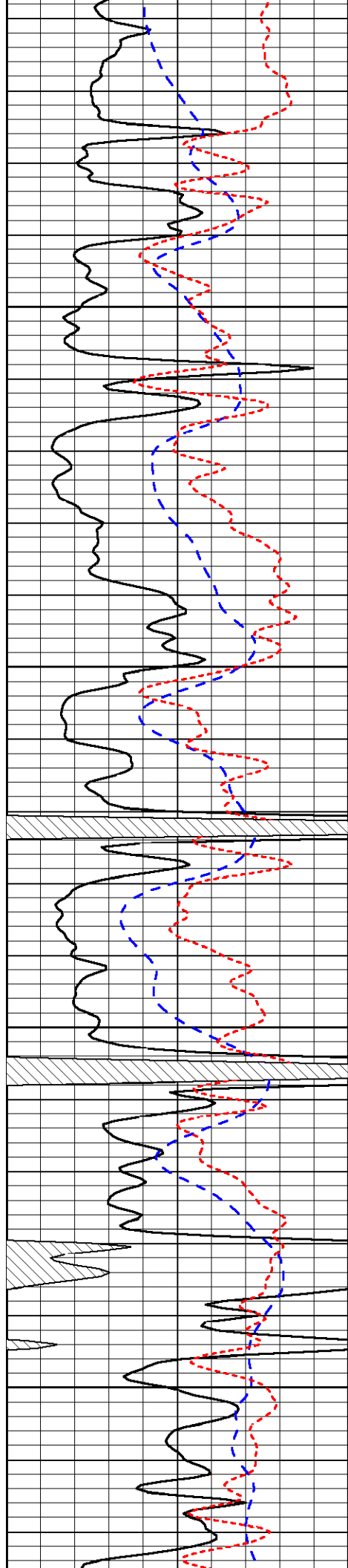
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-34

-34

-34

-33

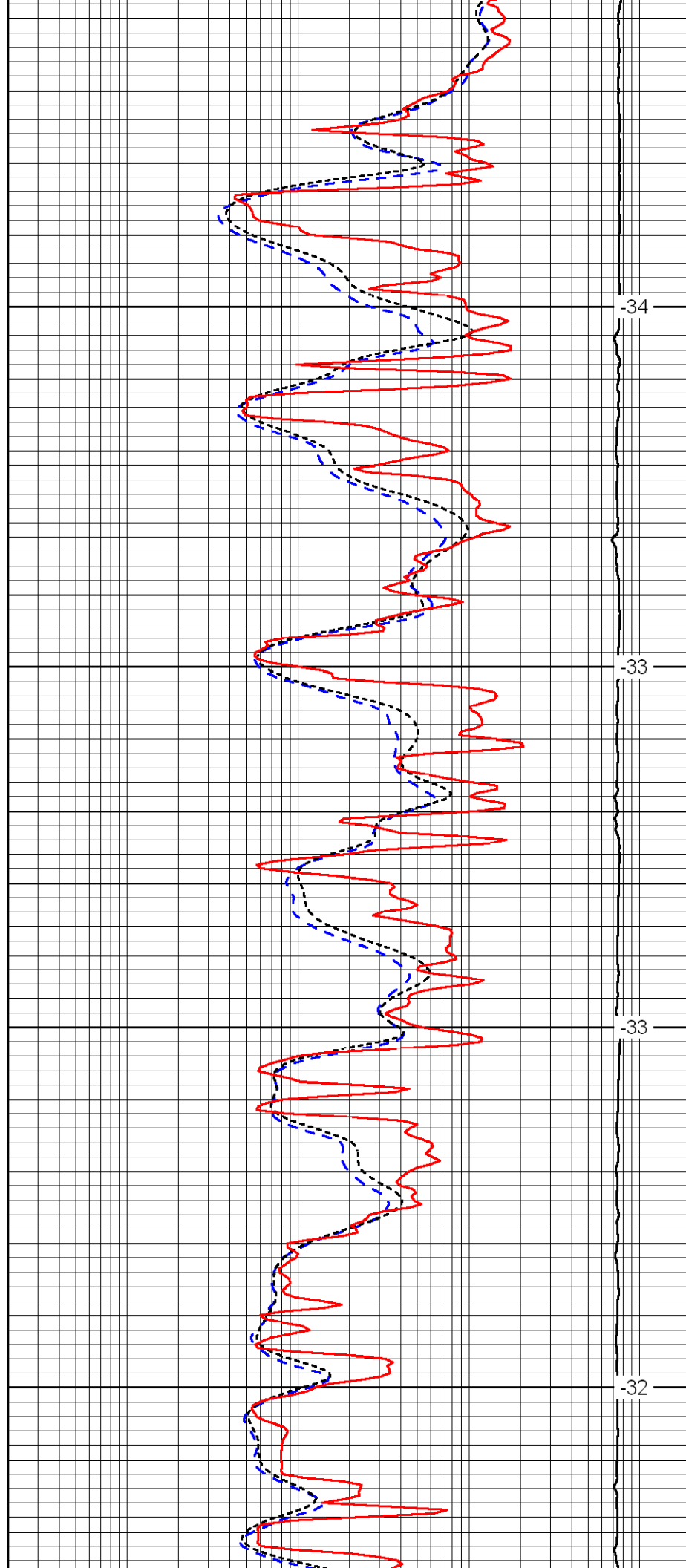


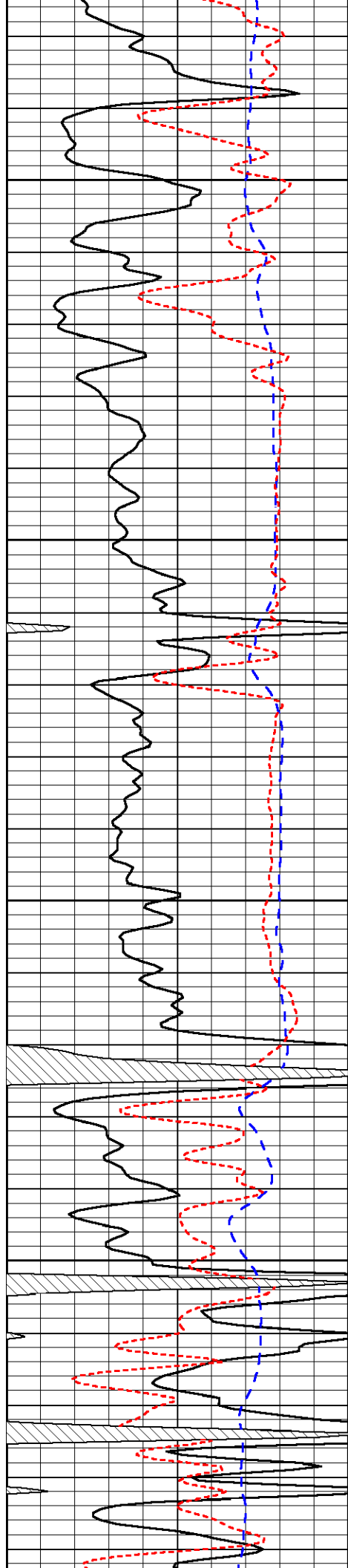
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4150

4200

4250



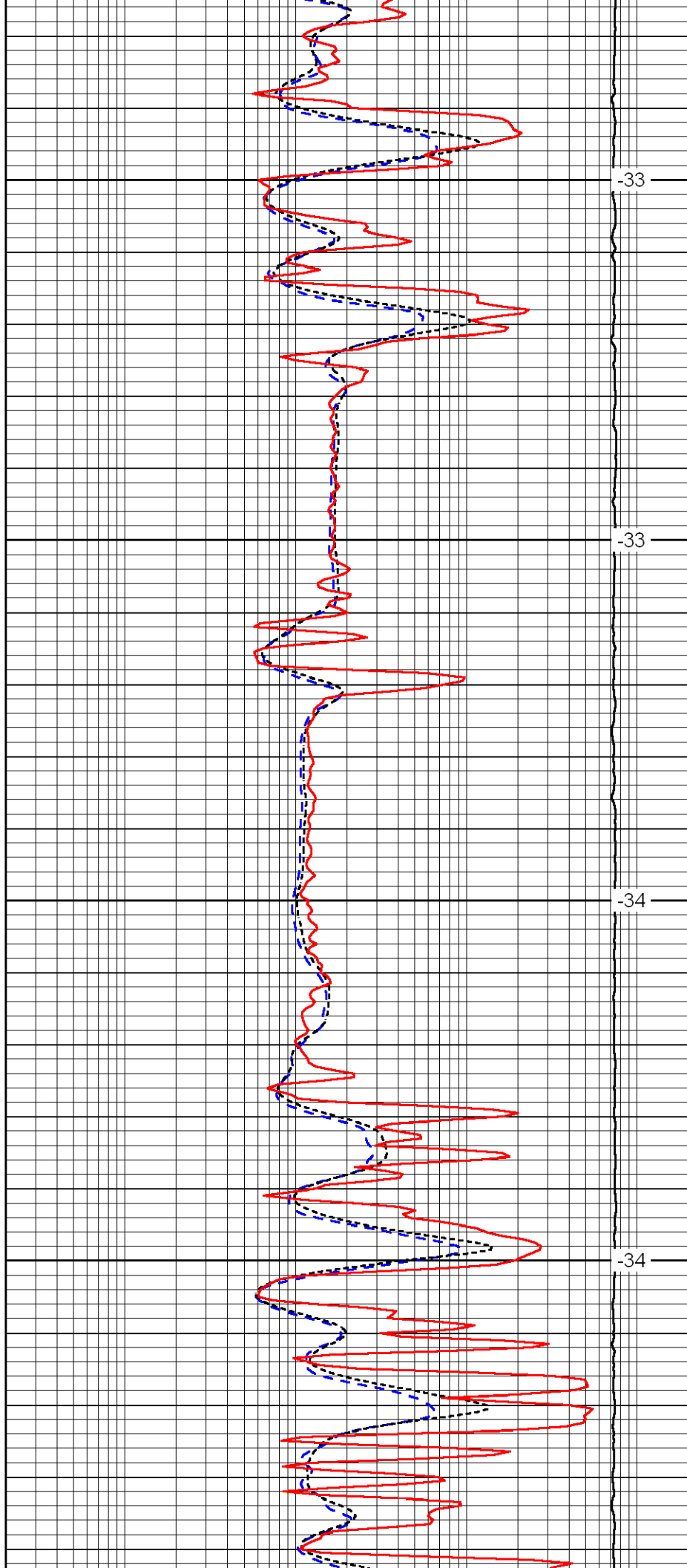


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4400

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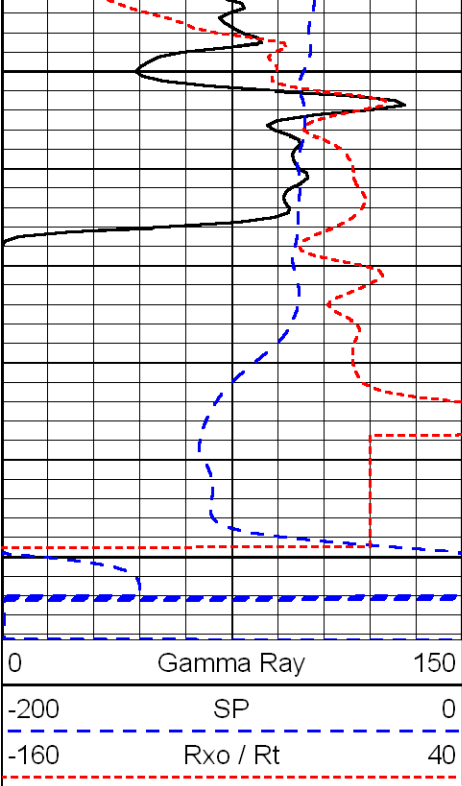


-33

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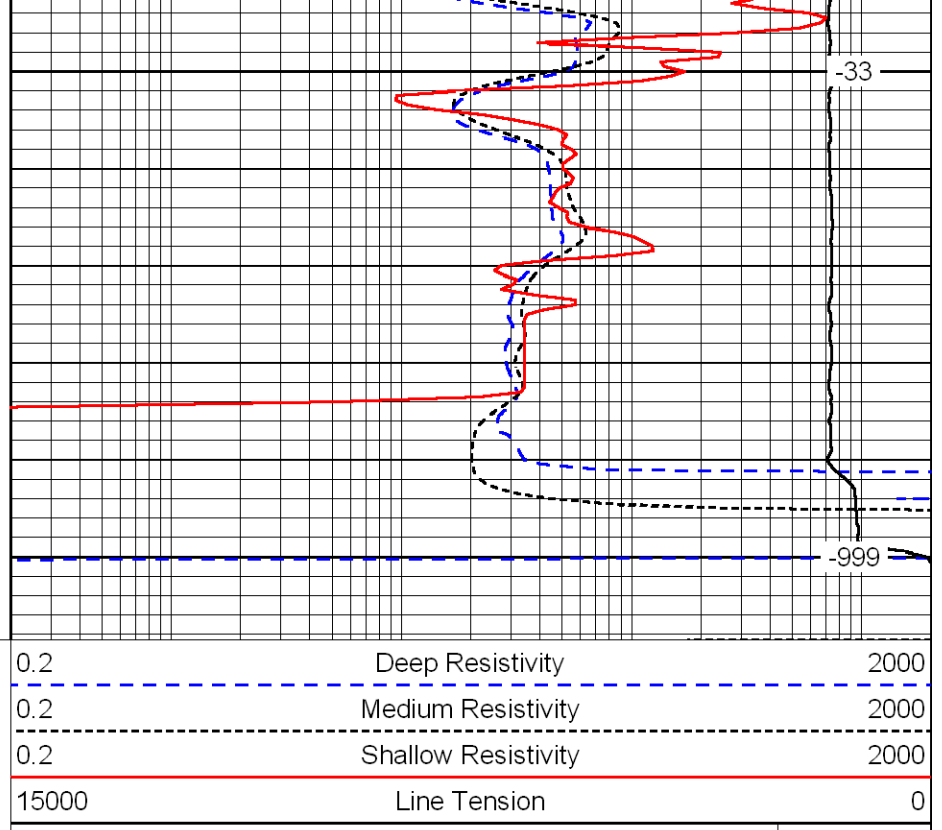
-34

-34



4500

4550



-33

-999

LSPD