



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.	Company Range Oil Company, Inc.		
	Well Seglem No.3		
	Field Reynolds-Schaffer		
	County Butler	State	KS
15-015-23,901-00-00	Location	2190' FNL & 2165' FWL	
	Sec: 16	Twp: 27S	Rge: 6E
	Permanent Datum	Ground Level	Elevation 1372
	Log Measured From	Kelly Bushing	10 Ft. Above Perm. Datum
	Drilling Measured From	Kelly Bushing	
Date		5/18/2011	
Run Number		One	
Depth Driller		3115	
Depth Logger		3113	
Bottom Logged Interval		3112	
Top Log Interval		200	
Casing Driller		8.625 @ 220	
Casing Logger		222	
Bit Size		7.875	
Type Fluid in Hole		Chemical	
Salinity,ppm CL		1,000	
Density / Viscosity		9.3 53	
pH / Fluid Loss		9.0 8.6	
Source of Sample		Flowline	
Rm @ Meas. Temp		2 @ 69	
Rmf @ Meas. Temp		1.5 @ 69	
Rmc @ Meas. Temp		2.7 @ 69	
Source of Rmf / Rmc		Charts	
Rm @ BHT		1.26 @ 109	
Operating Rig Time		2 Hours	
Max Rec. Temp. F		109	
Equipment Number		17	
Location		Hays	
Recorded By		C. Desai	
Witnessed By		John Washburn	Roger Martin

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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
El Dorado KS,
E on Hwy 54 to Bluestem Rd,
7 S to 80th Rd,
1/4 E, S Into

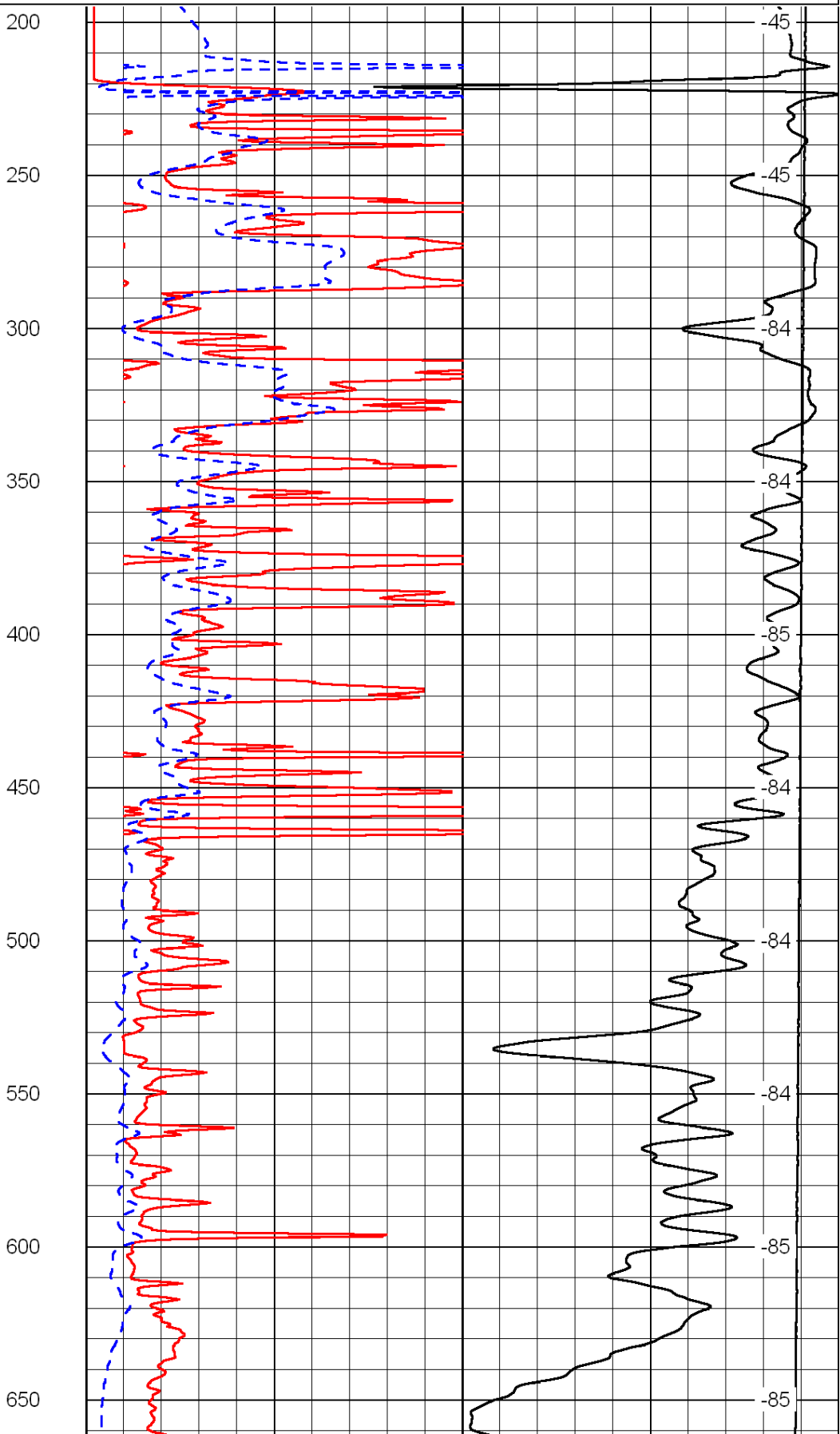
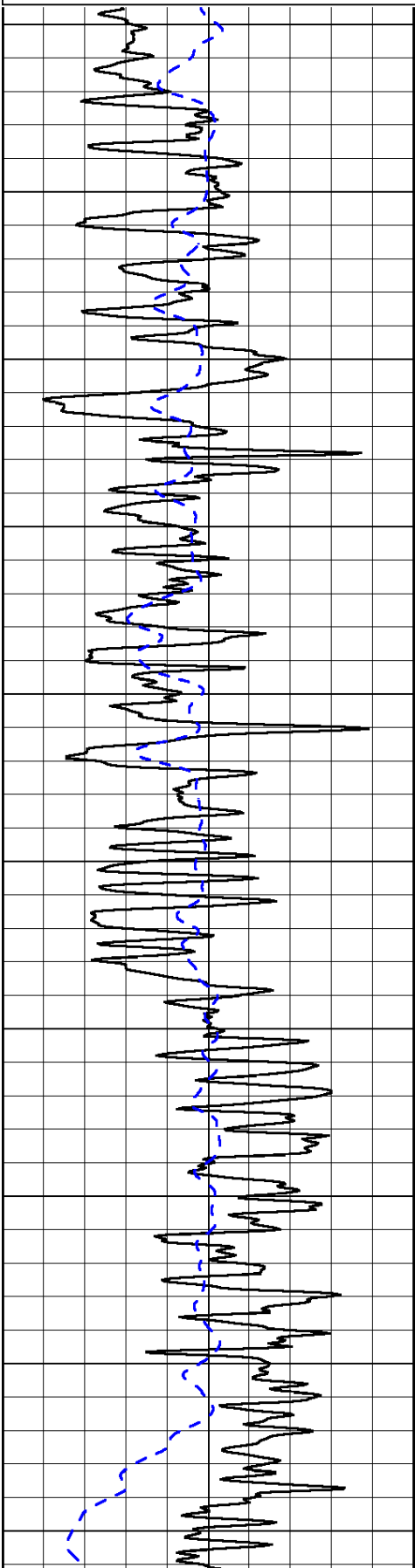
0	Gamma Ray	150
-200	SP (mV)	0

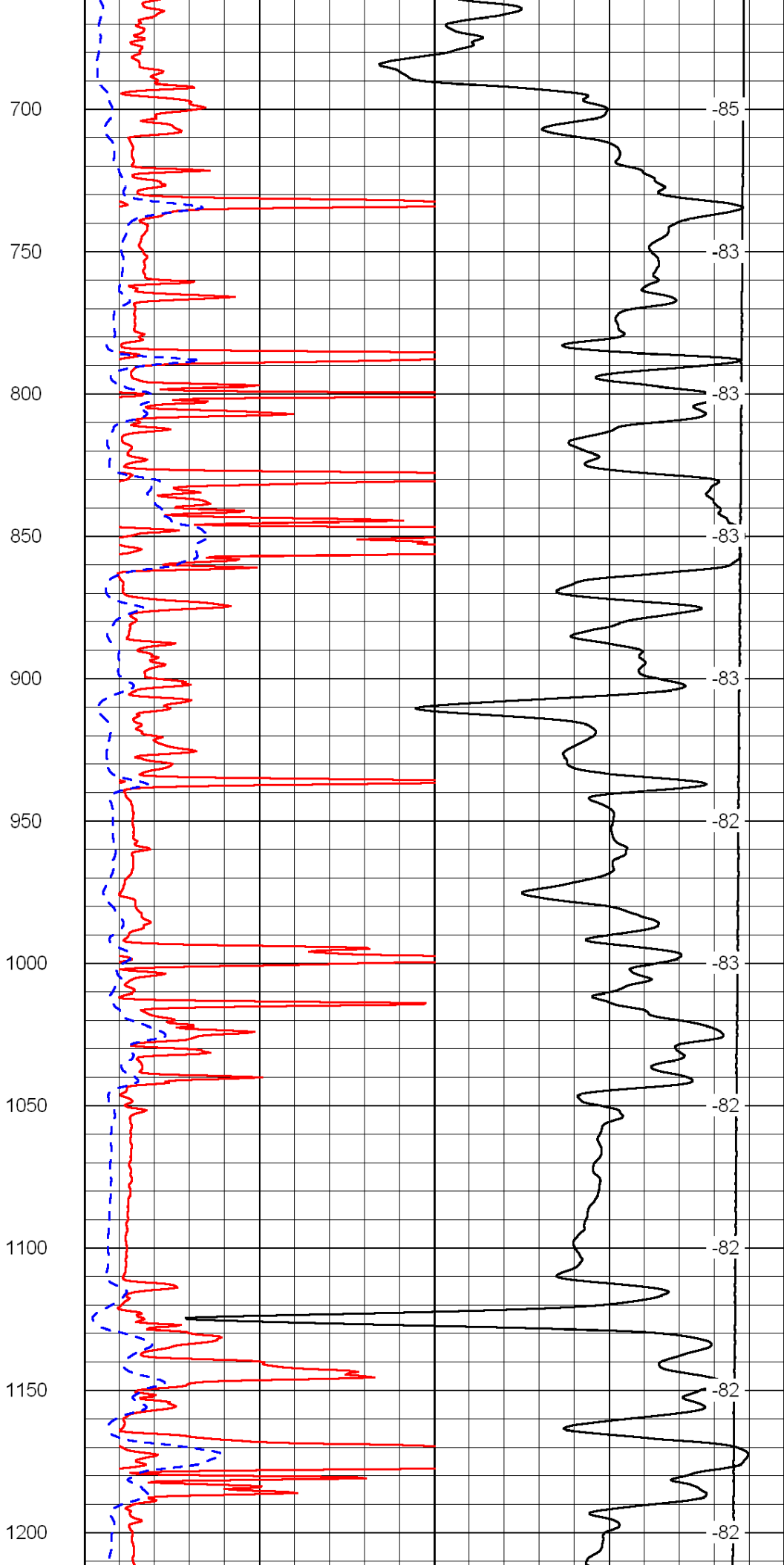
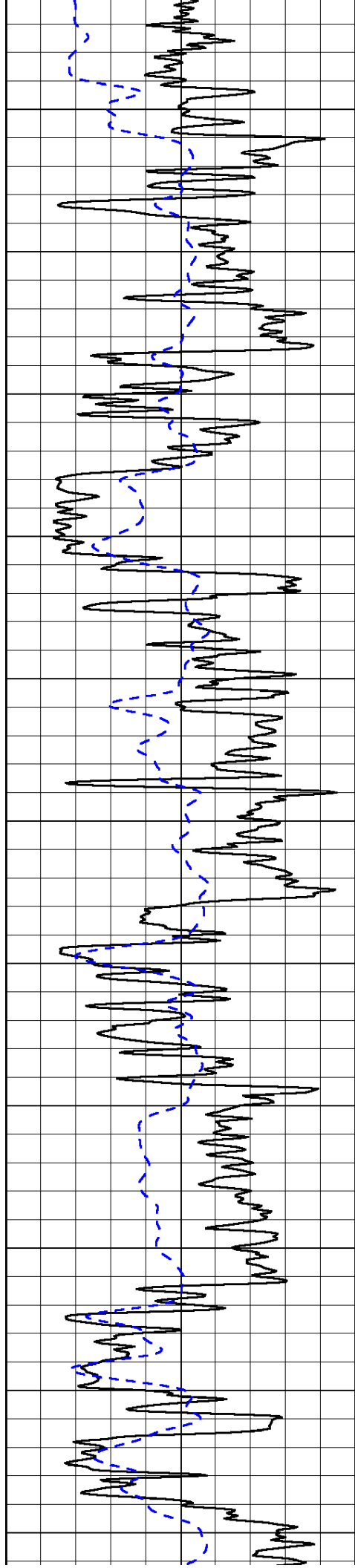
0	Shallow Resistivity	50
0	Deep Resistivity	50

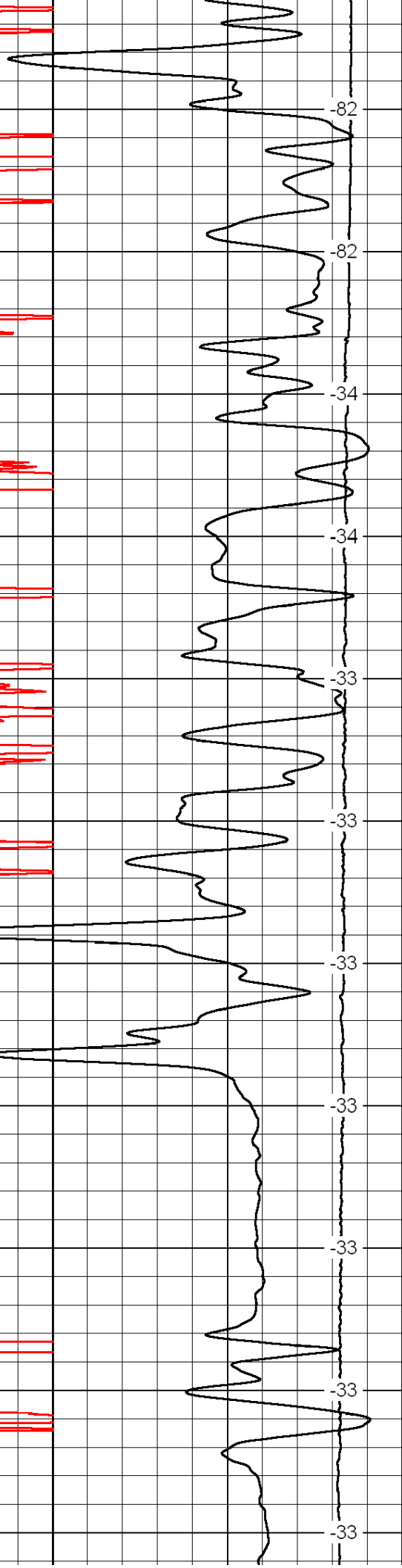
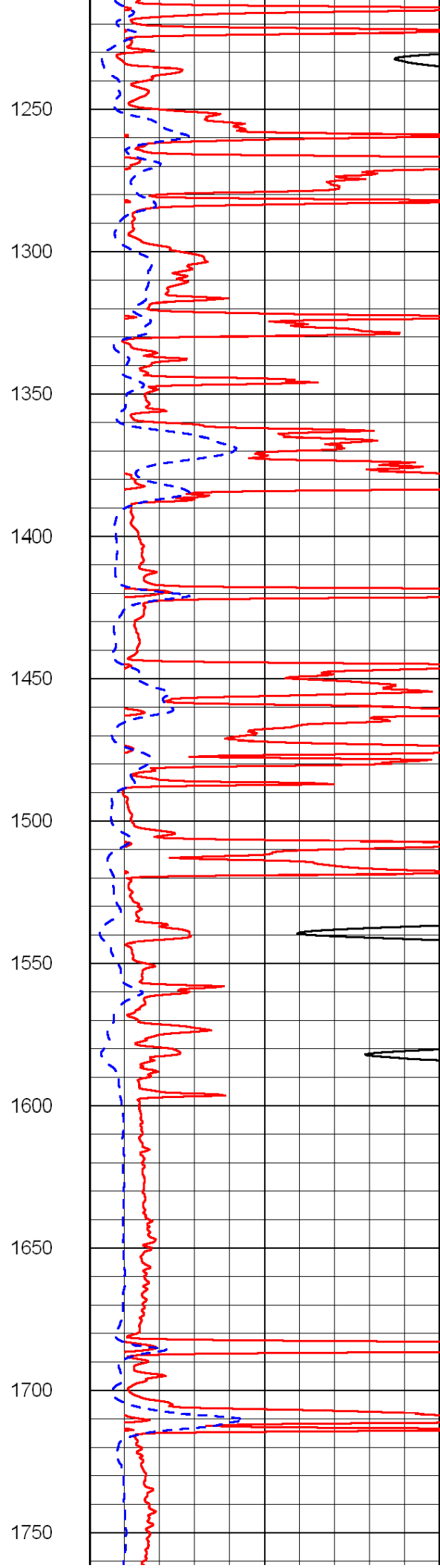
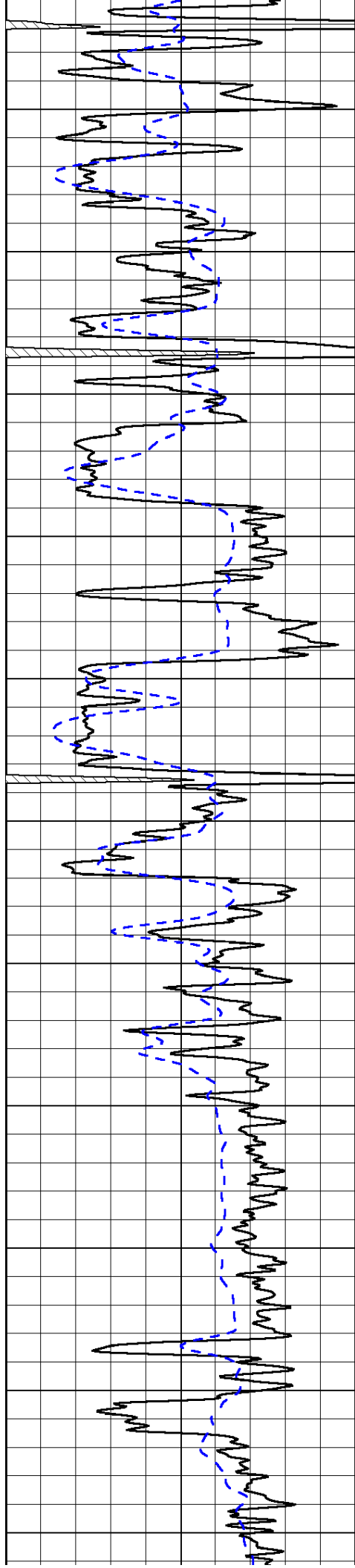
LSPD

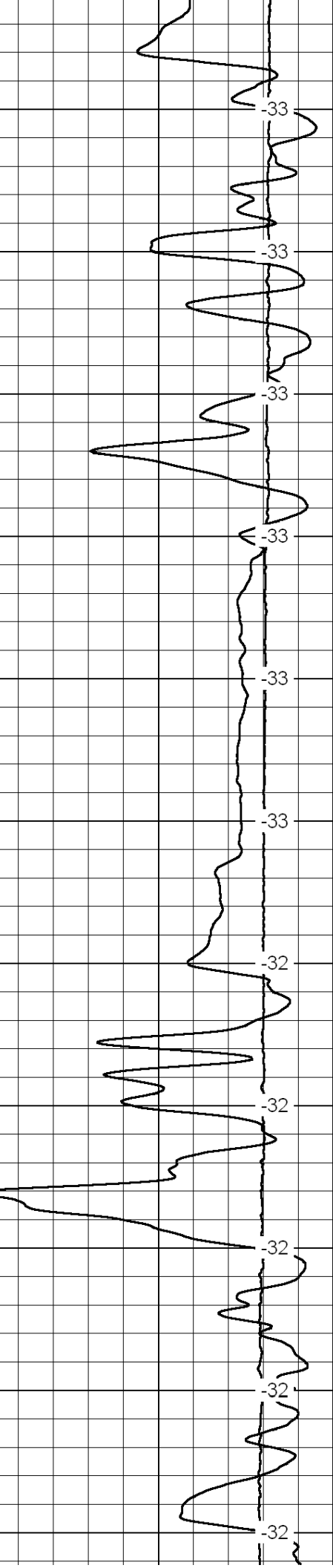
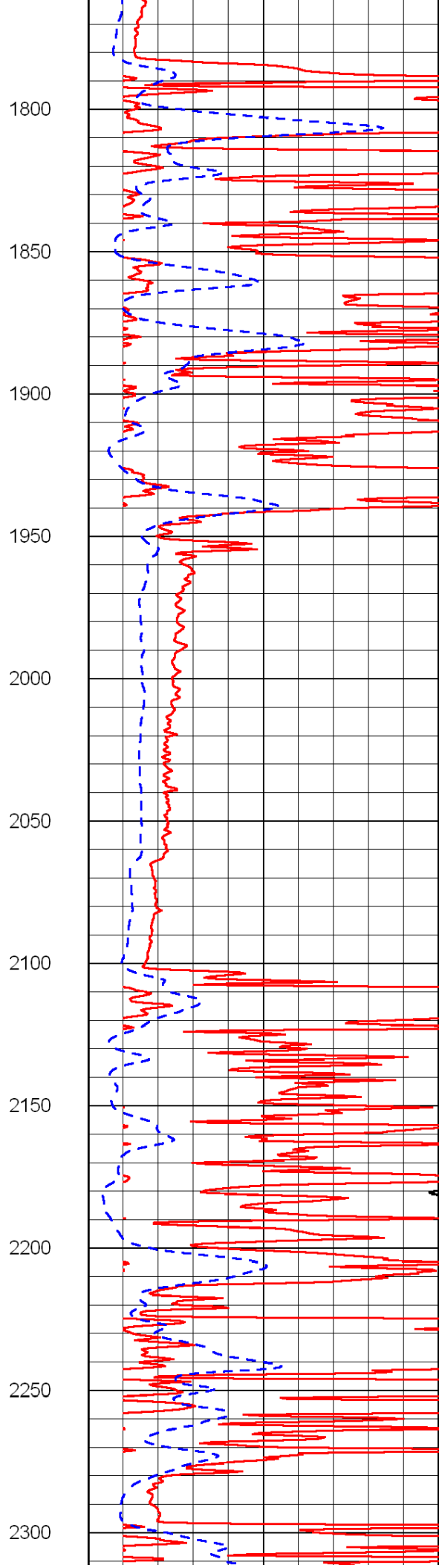
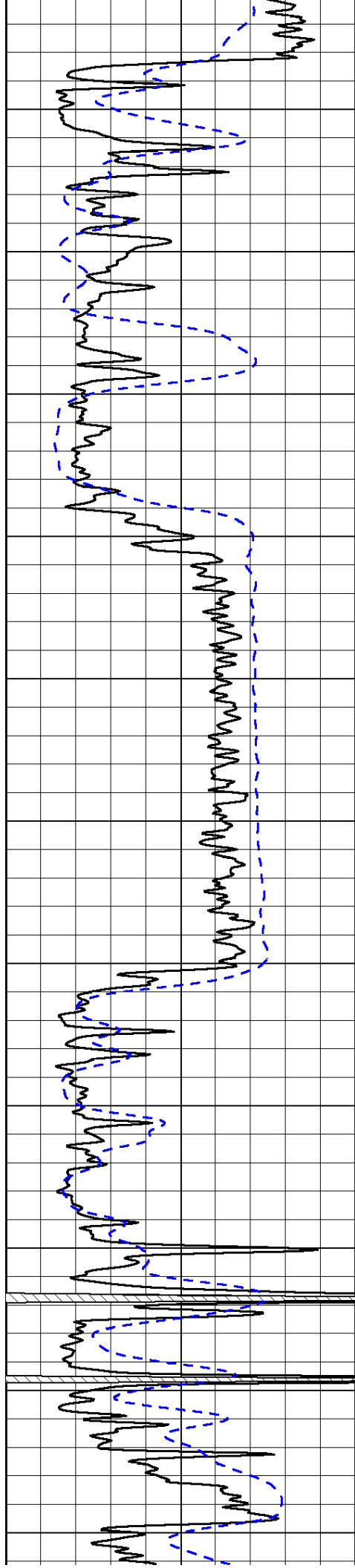
1000	Conductivity	0
15000	Line Tension	0

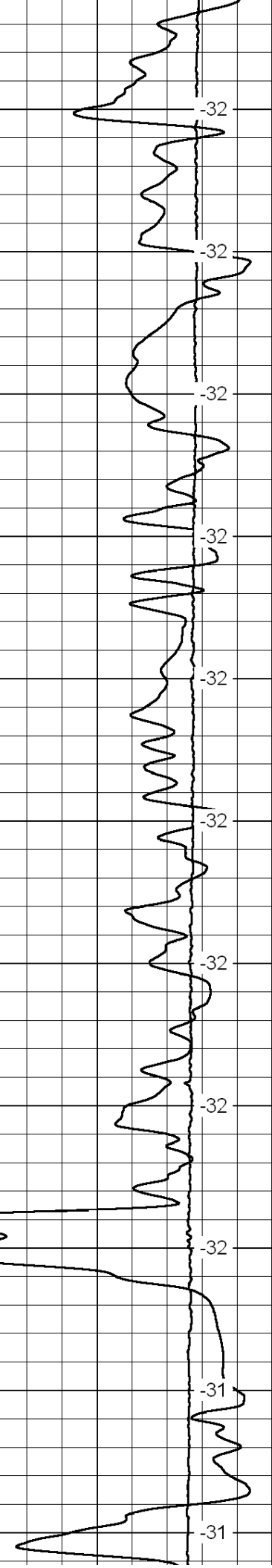
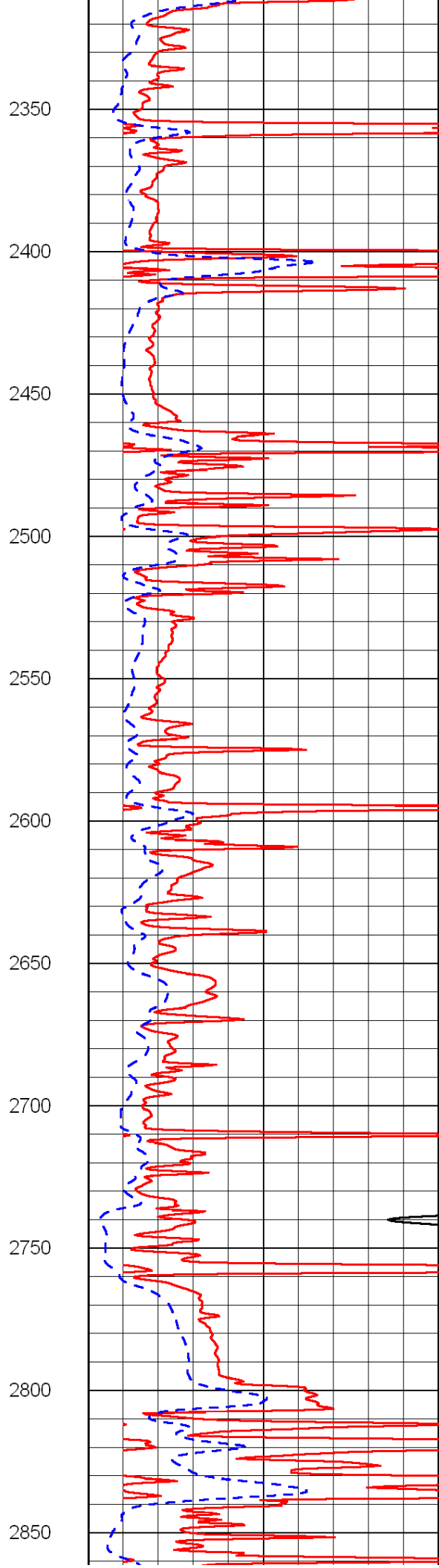
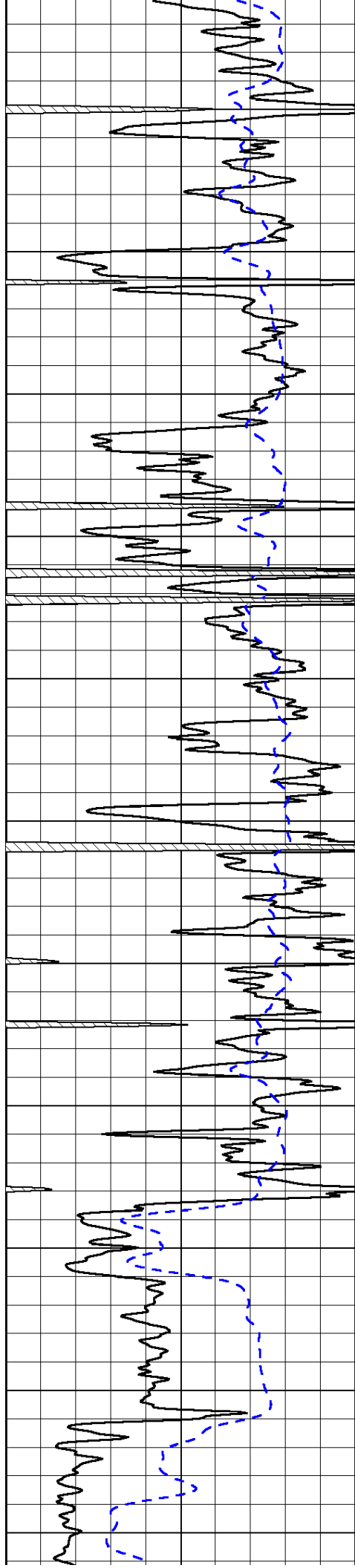
50	Shallow Resistivity	500
50	Deep Resistivity	500

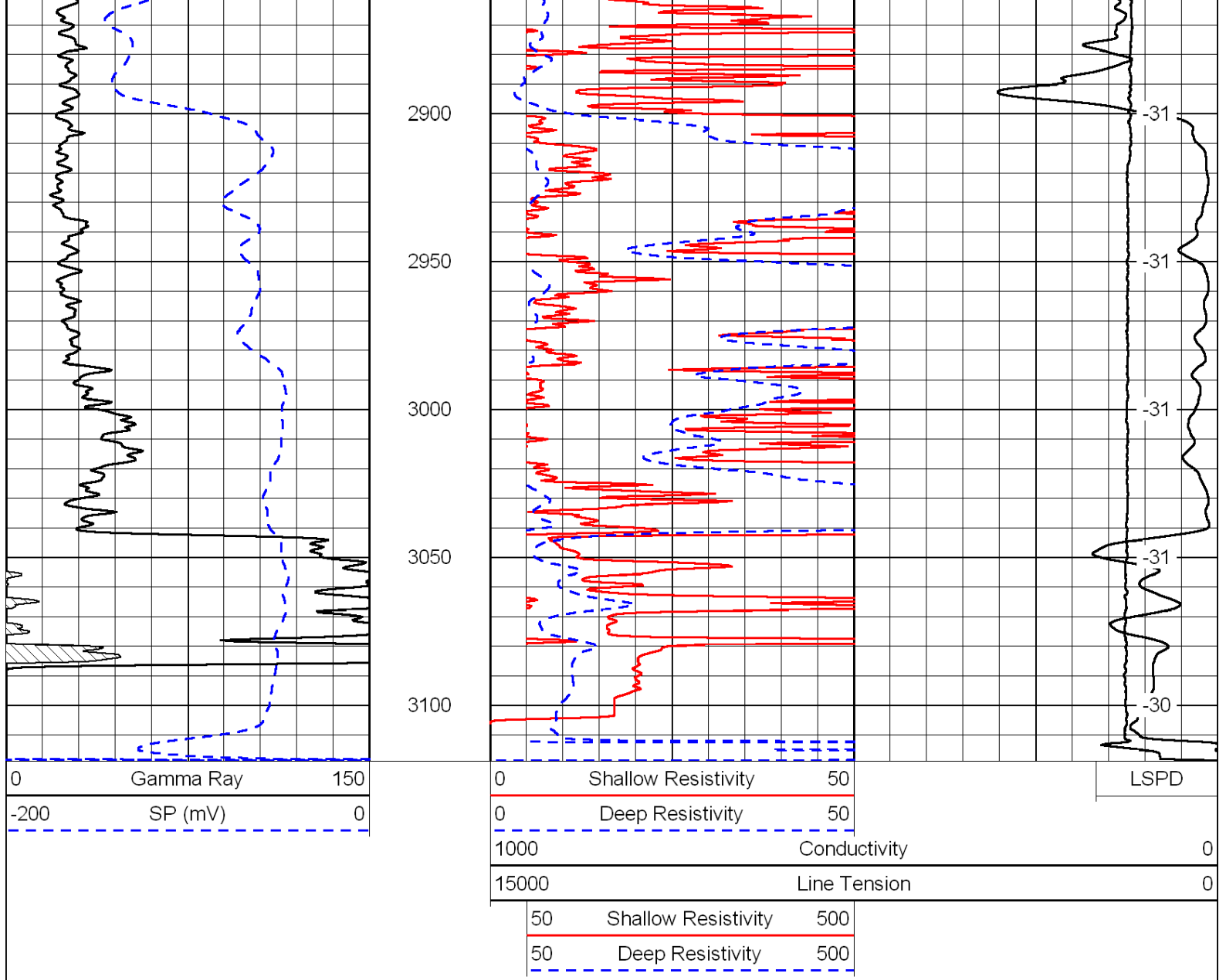




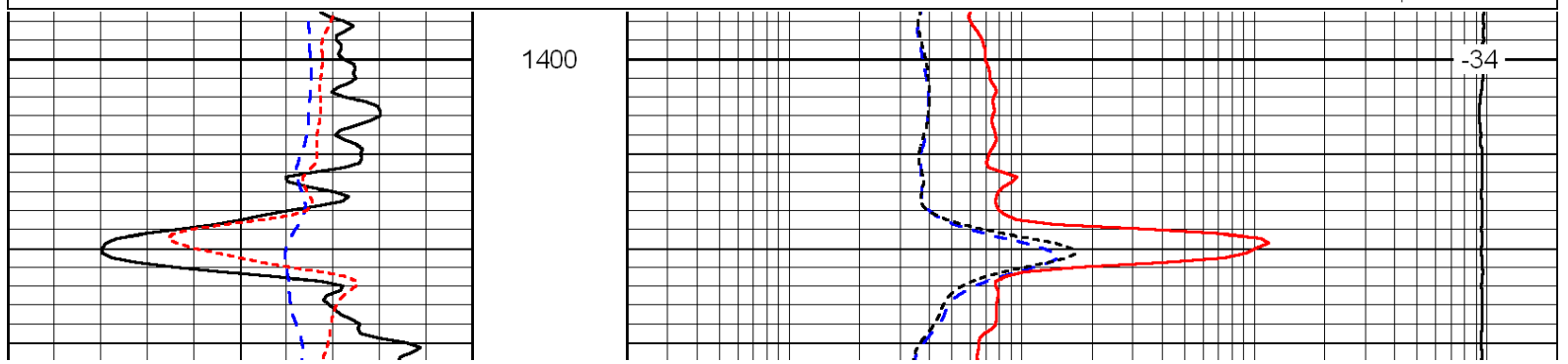
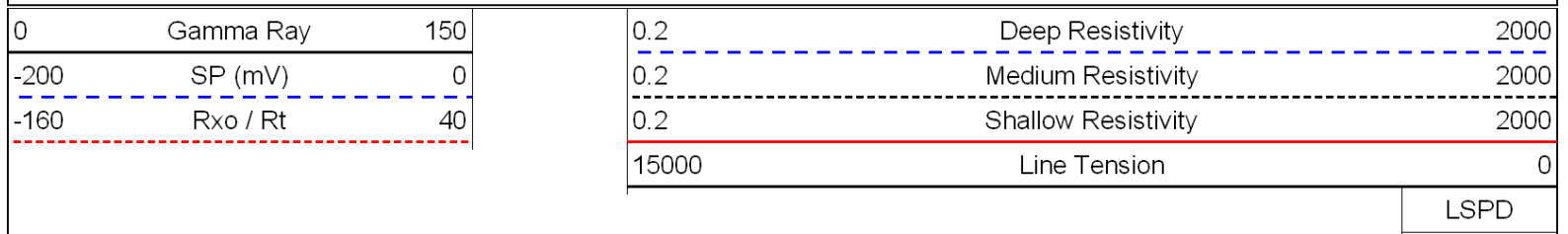


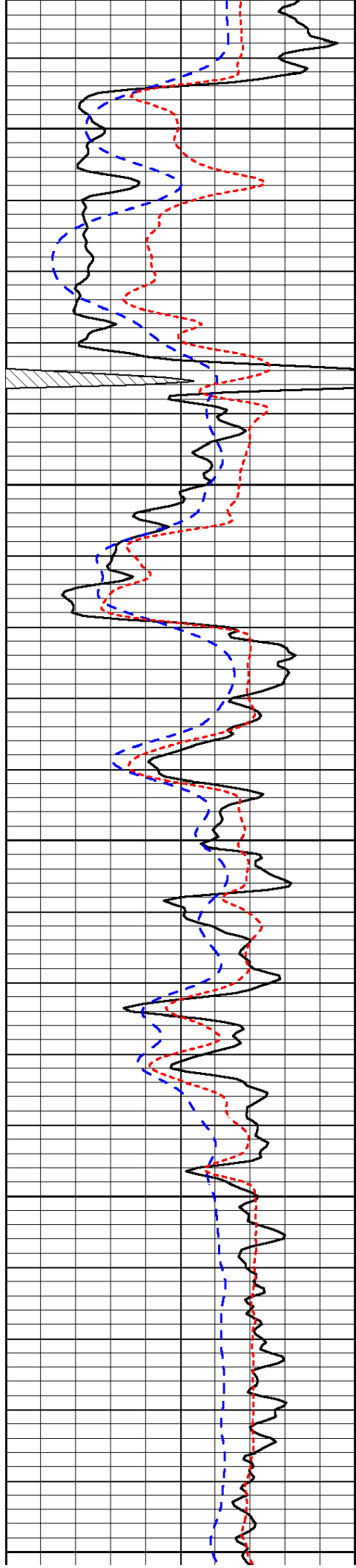






Database File: c:\warrior\data\range_seglem no.3\rangehd.db
 Dataset Pathname: dil/rngstk
 Presentation Format: dil
 Dataset Creation: Thu May 19 11:42:07 2011
 Charted by: Depth in Feet scaled 1:240





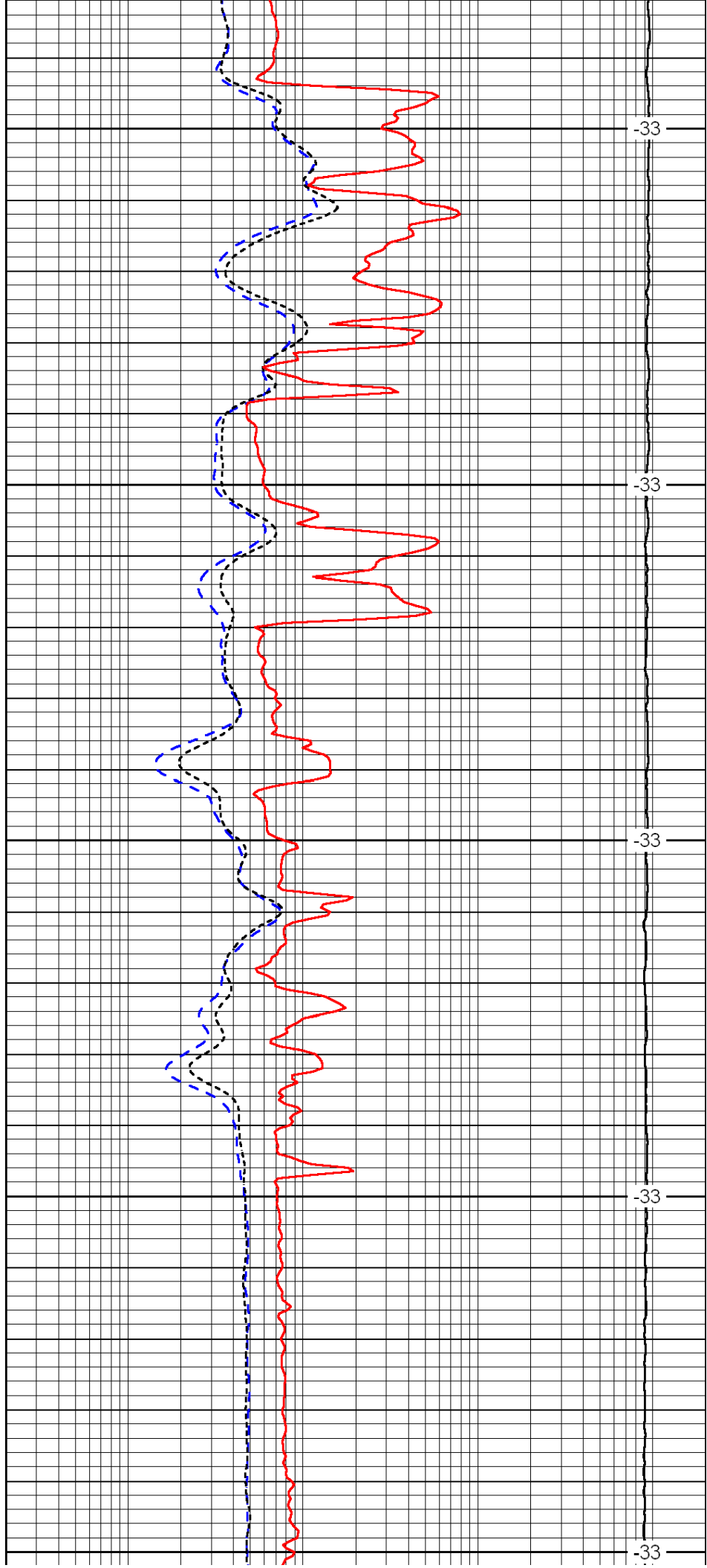
1450

1500

1550

1600

1650



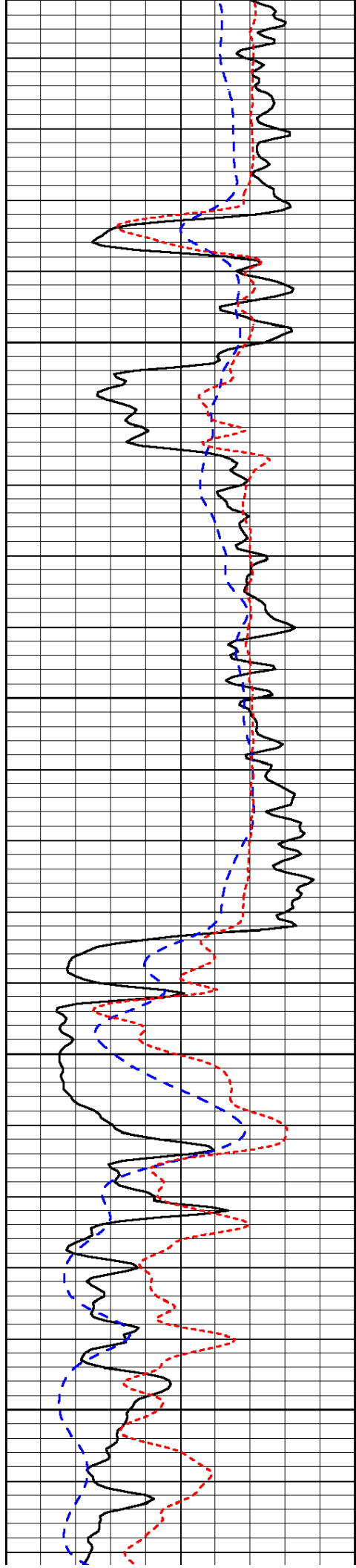
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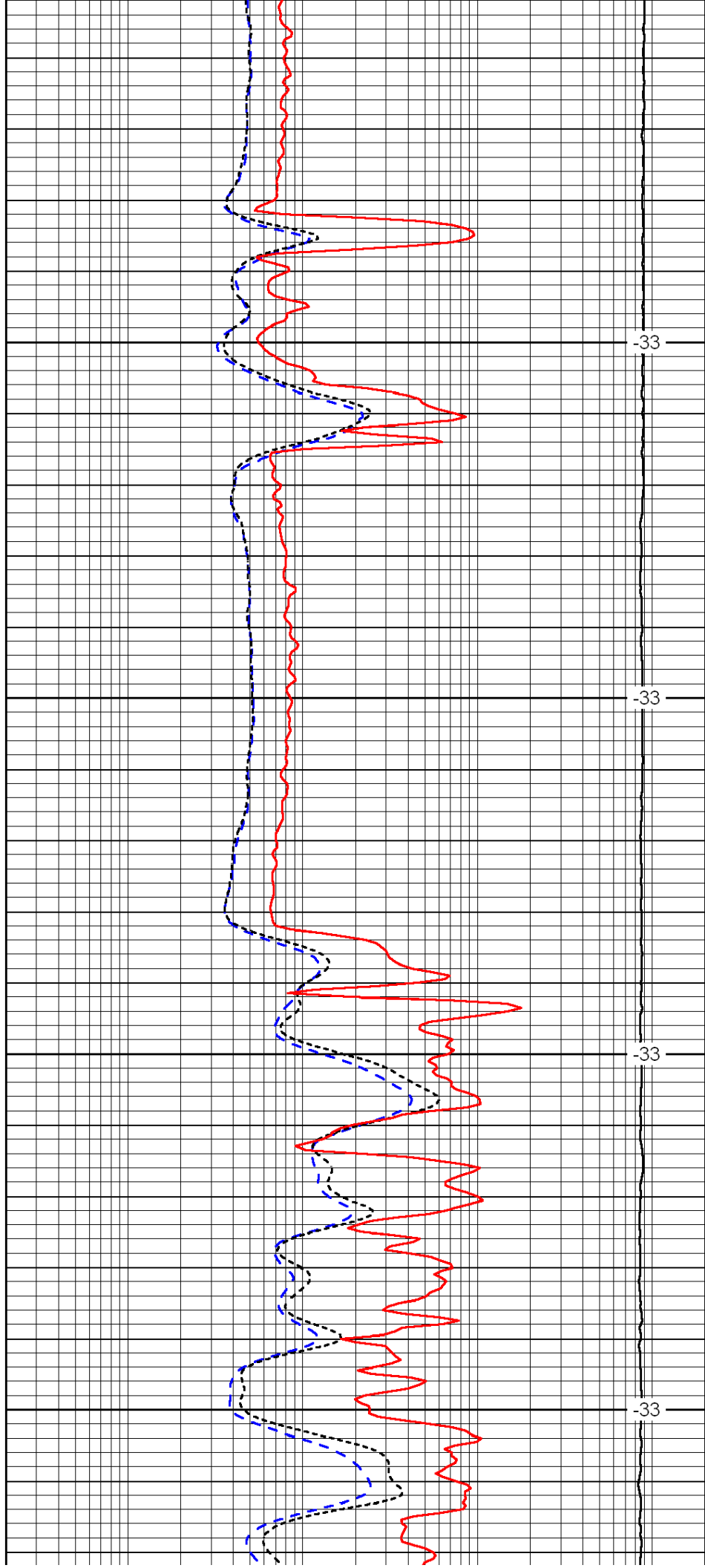


1700

1750

1800

1850

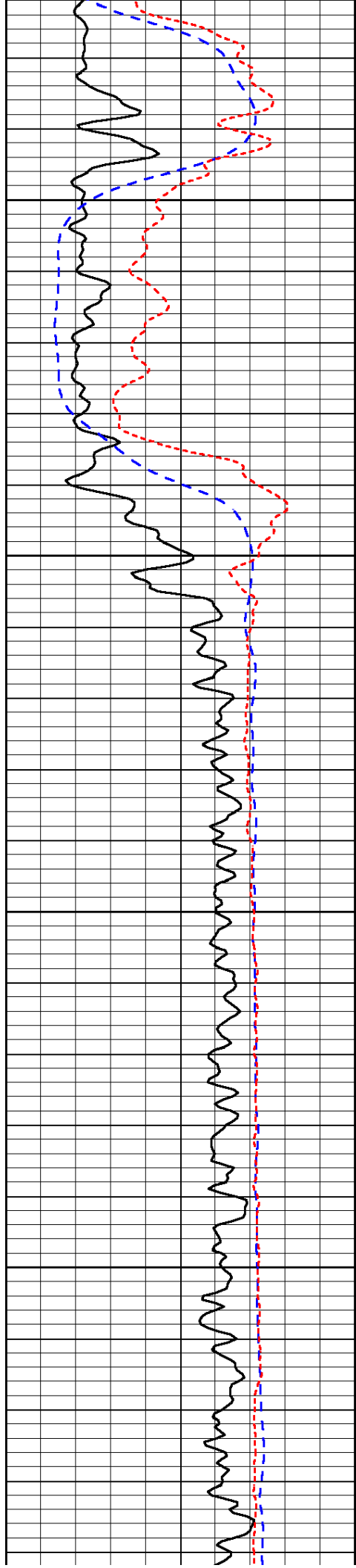


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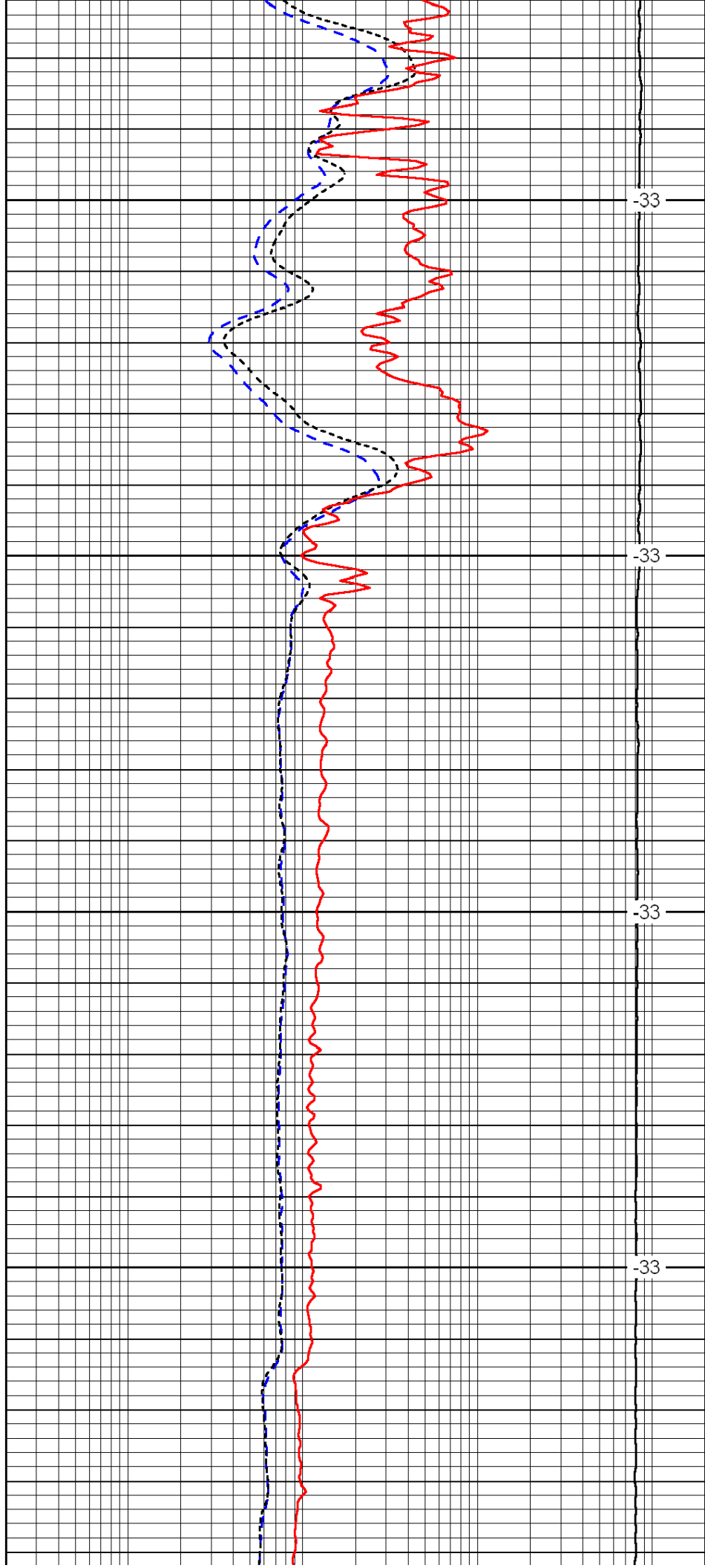


1900

1950

2000

2050

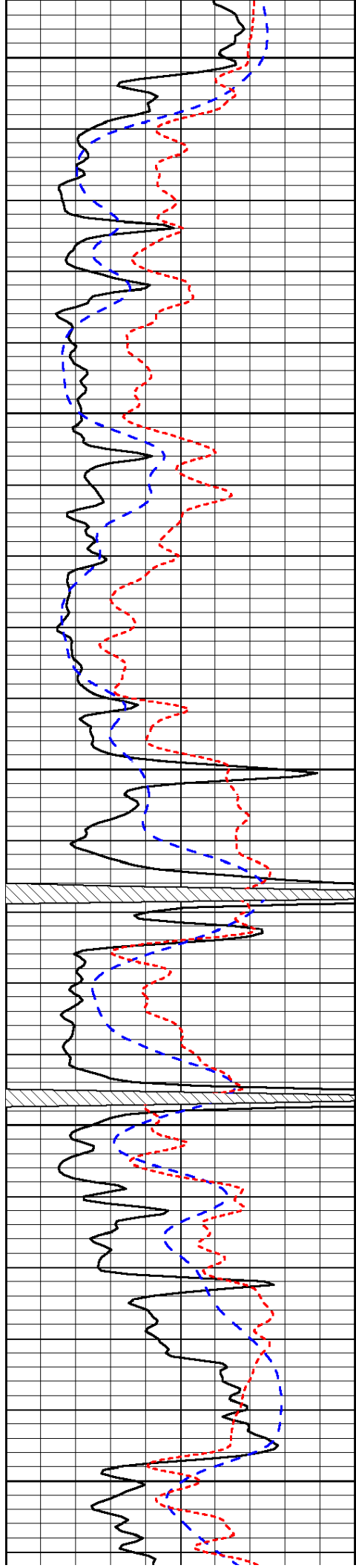


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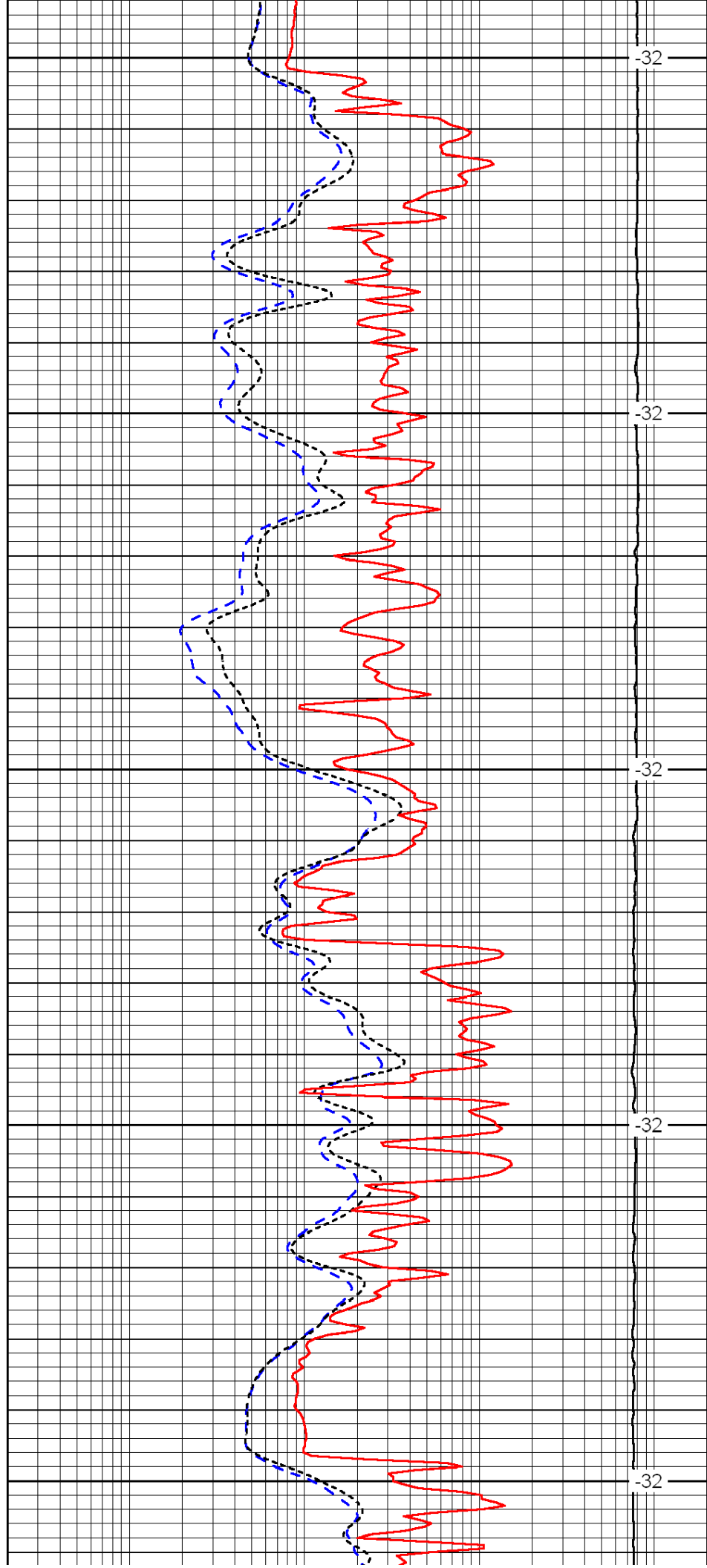
2100

2150

2200

2250

2300



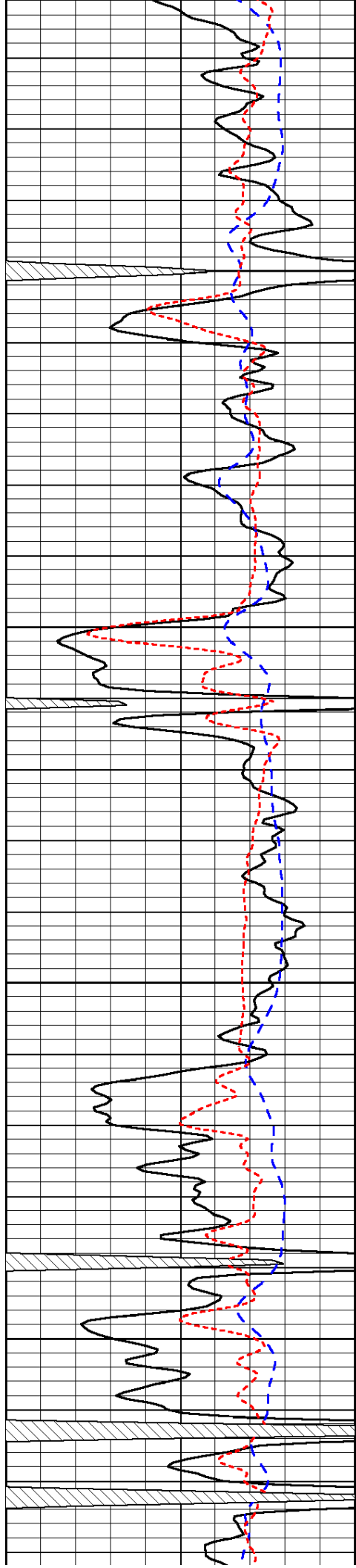
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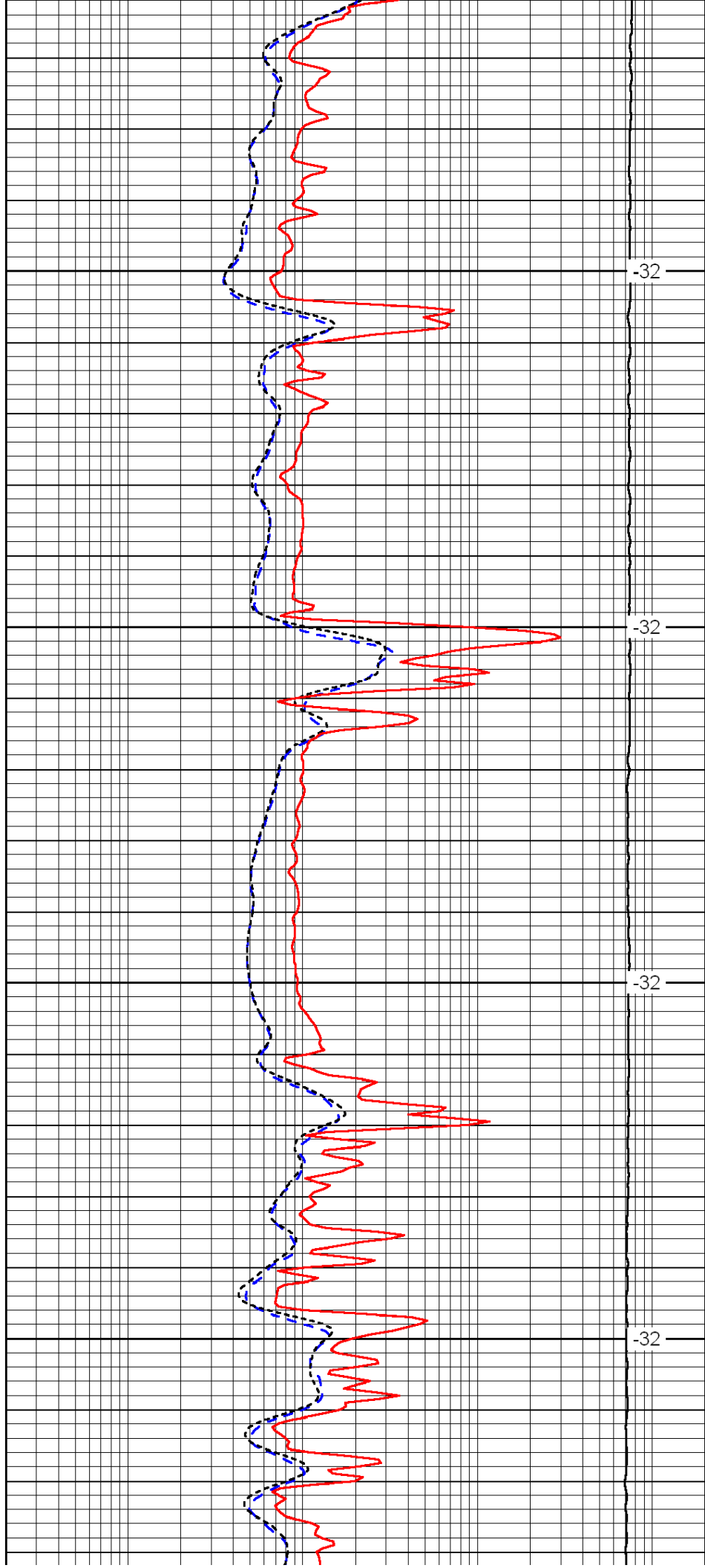


2350

2400

2450

2500

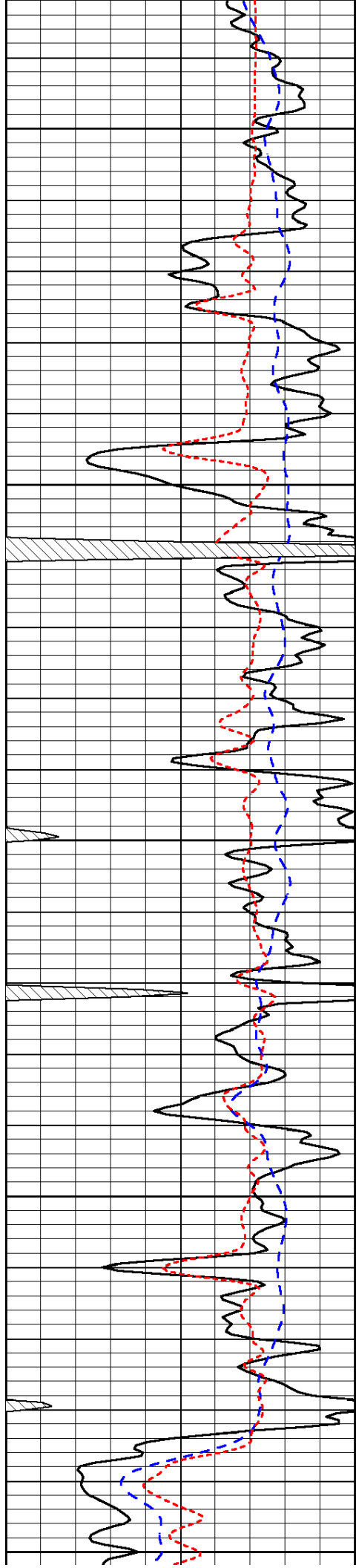


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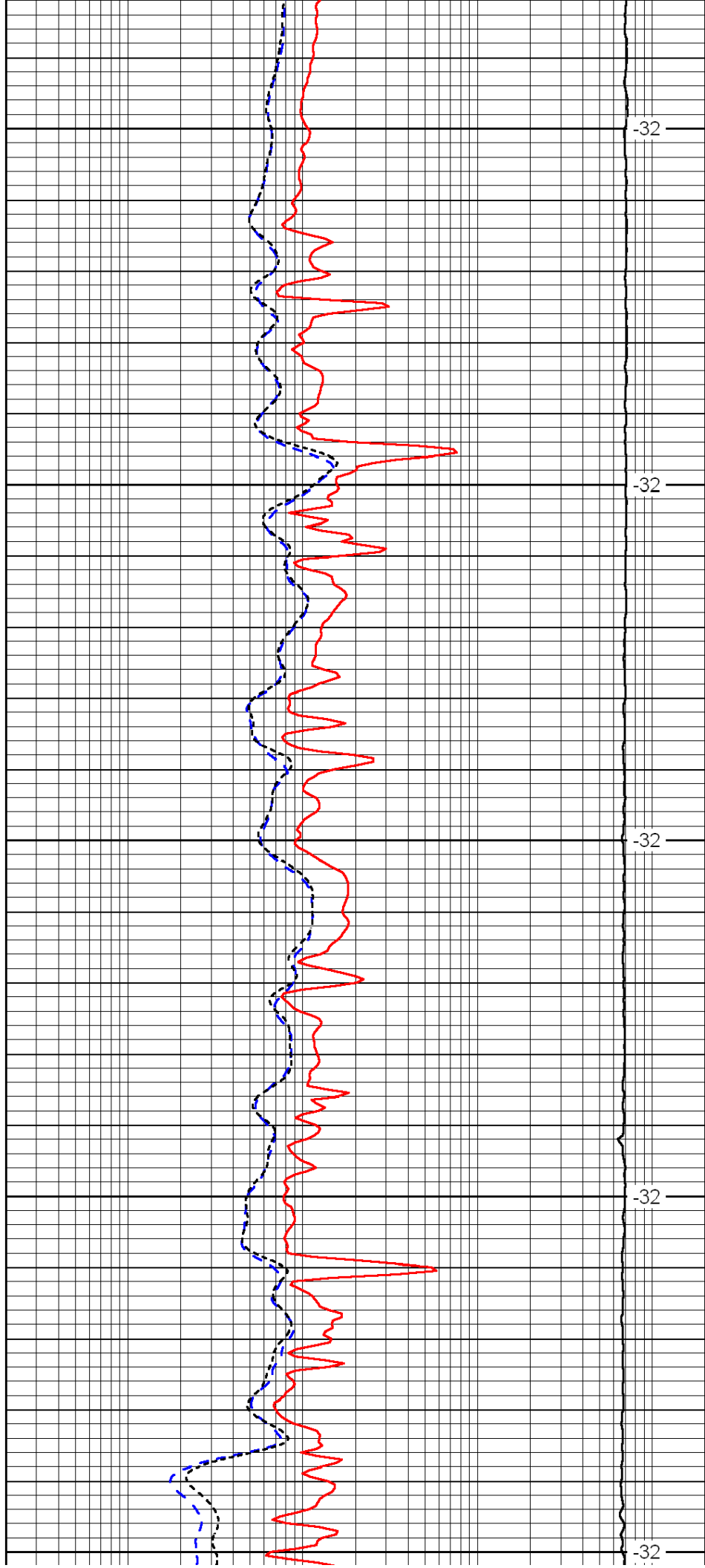
2550

2600

2650

2700

2750



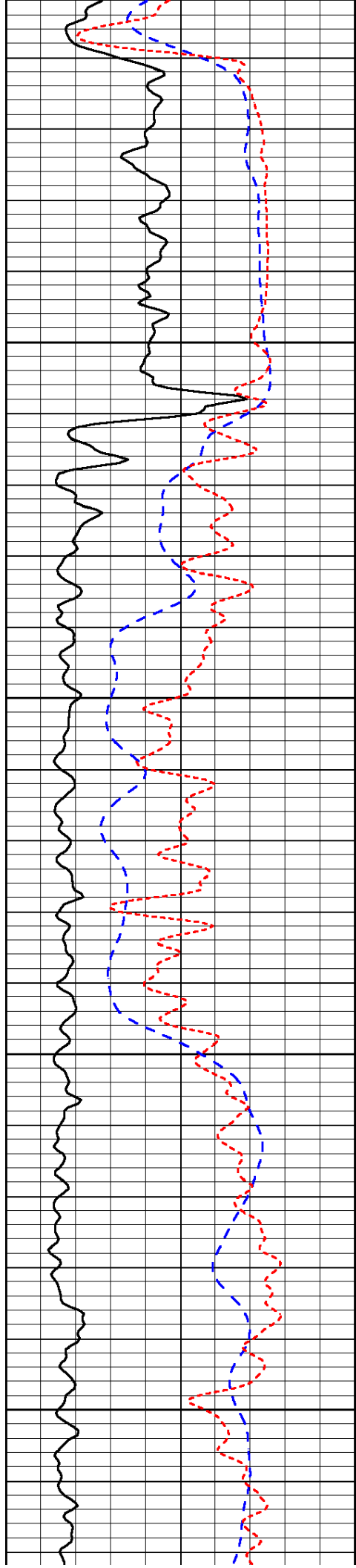
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2600

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2700

2750

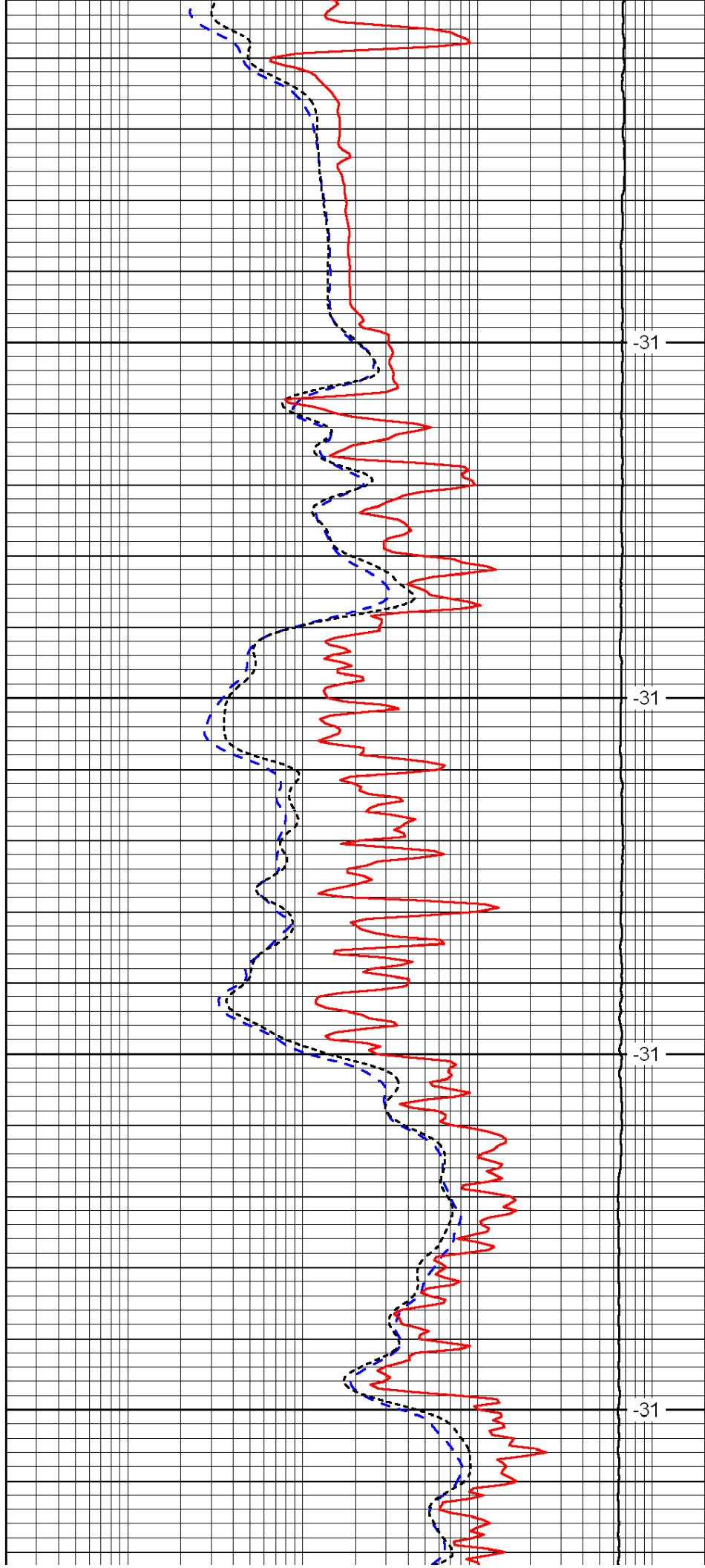


2800

2850

2900

2950

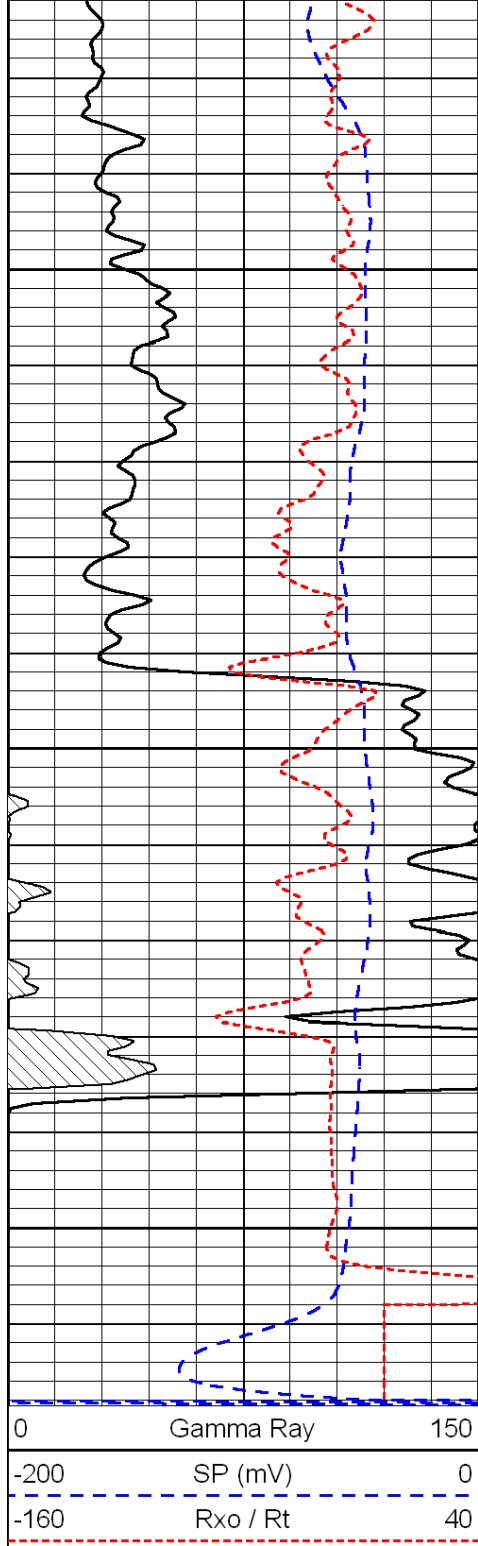


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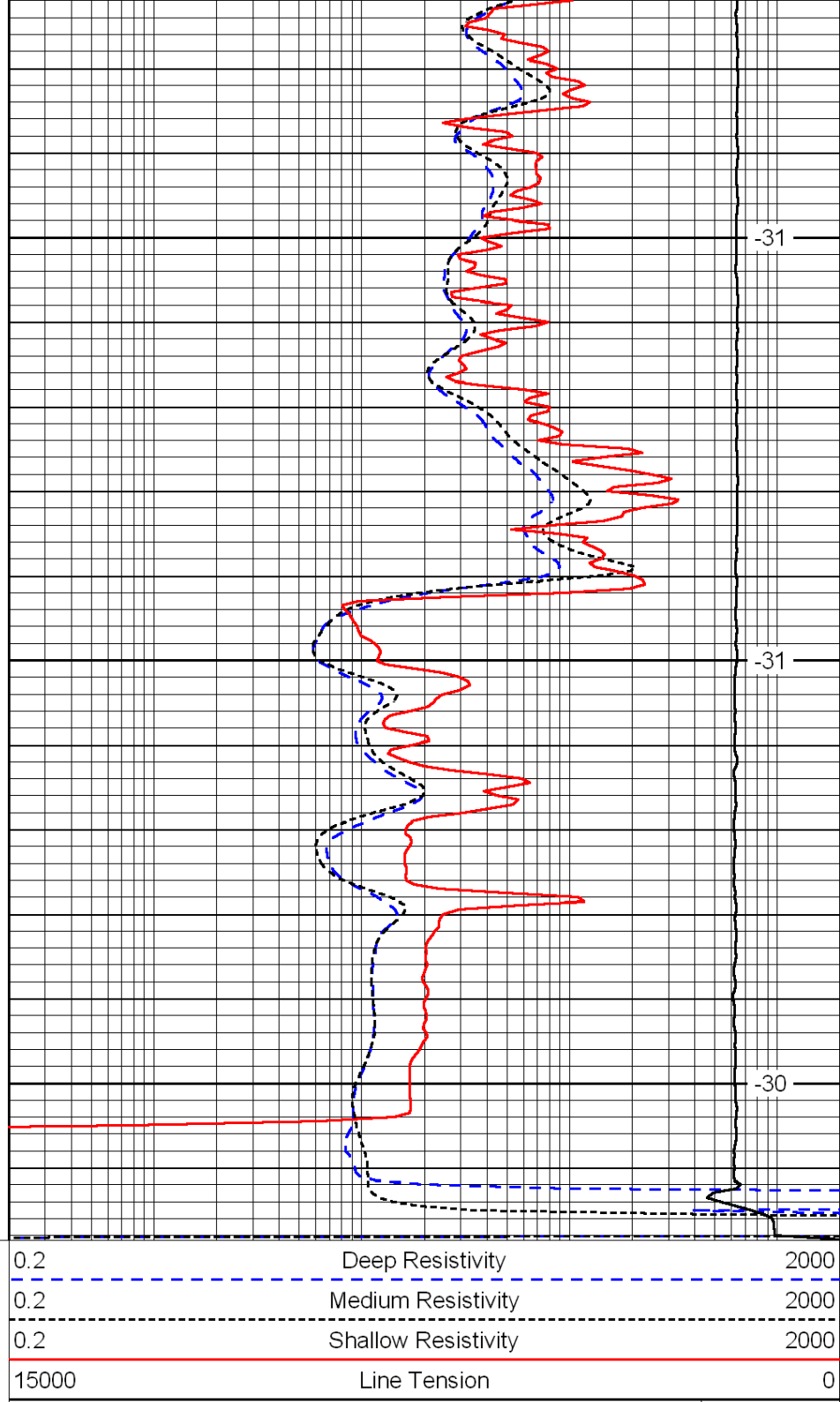
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3000

3050

3100



-31

-31

-30

LSPD