



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.	Company Ainsworth Operating Company		
15-195-22,660-00-00	Well Howard No. 4		
	Field Splitter SW		
	County Trego	State	Kansas
	Location	2020' FNL & 1850' FWL	
	Sec: 29	Twp: 15 S	Rge: 25 W
	Permanent Datum	Ground Level	Elevation 2533
	Log Measured From	Kelly Bushing	5 Ft. Above Perm. Datum
	Drilling Measured From	Kelly Bushing	
Date		6/20/2010	
Run Number		One	
Depth Driller		4525	
Depth Logger		4526	
Bottom Logged Interval		4525	
Top Log Interval		200	
Casing Driller		8.625 @ 208	
Casing Logger		208	
Bit Size		7.875	
Type Fluid in Hole		Chemical	
Salinity, ppm CL		2.700	
Density / Viscosity		9.2 59	
pH / Fluid Loss		11.0 7.6	
Source of Sample		Flowline	
Rm @ Meas. Temp		.9 @ 70	
Rmf @ Meas. Temp		.68 @ 70	
Rmc @ Meas. Temp		1.23 @ 70	
Source of Rmf / Rmc		Charts	
Rm @ BHT		.51 @ 123	
Operating Rig Time		5 Hours	
Max Rec. Temp. F		123	
Equipment Number		4	
Location		Hays	
Recorded By		K. Bange	
Witnessed By		Randy Killian	

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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

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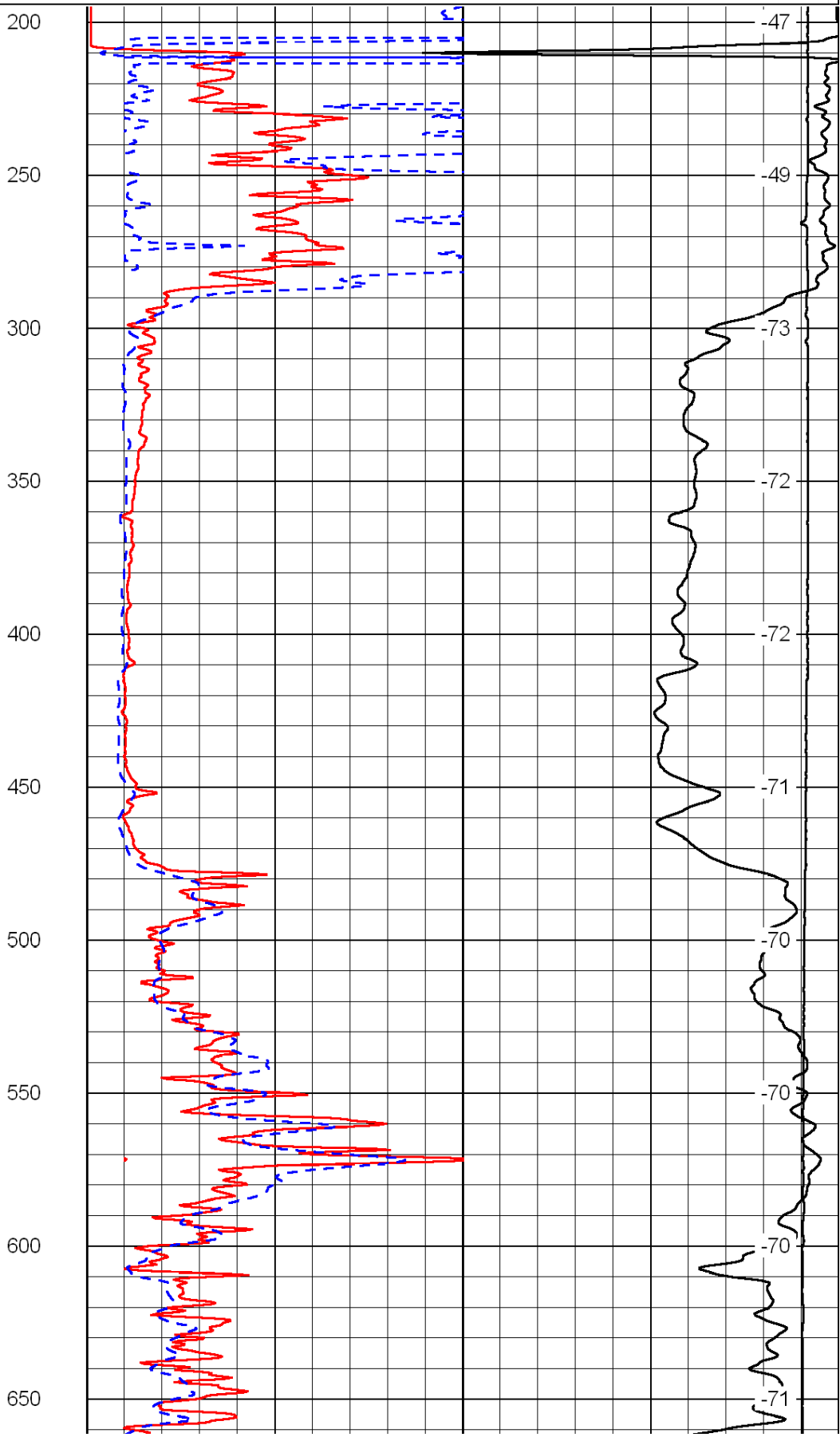
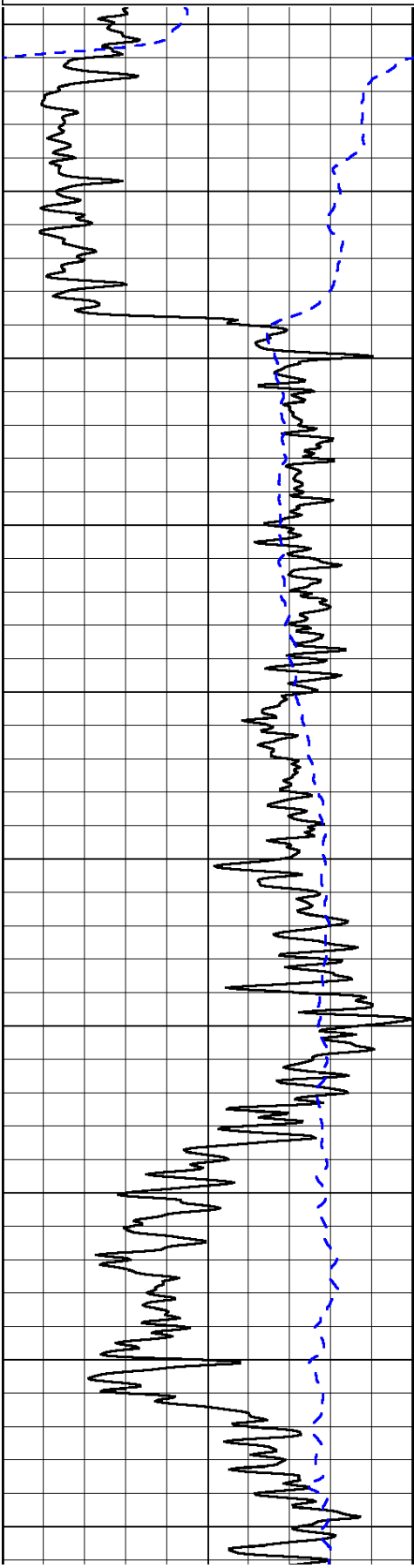
I-70 W to Collyer exit, 21 1/2 S, W into

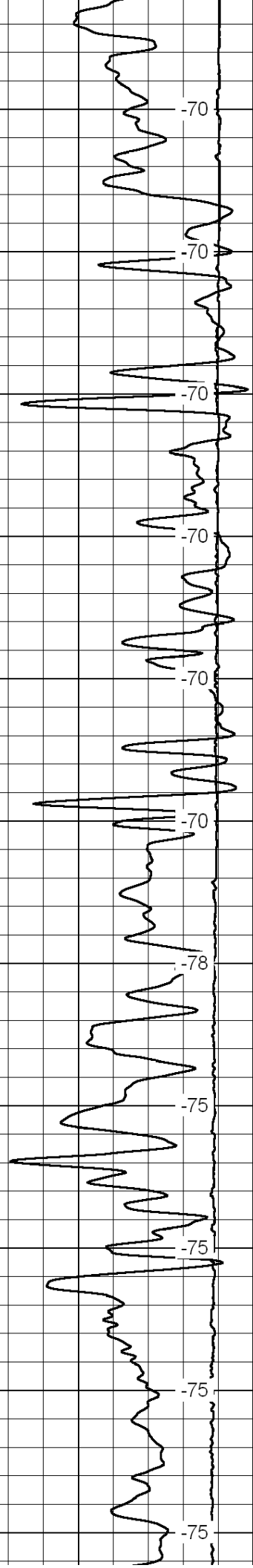
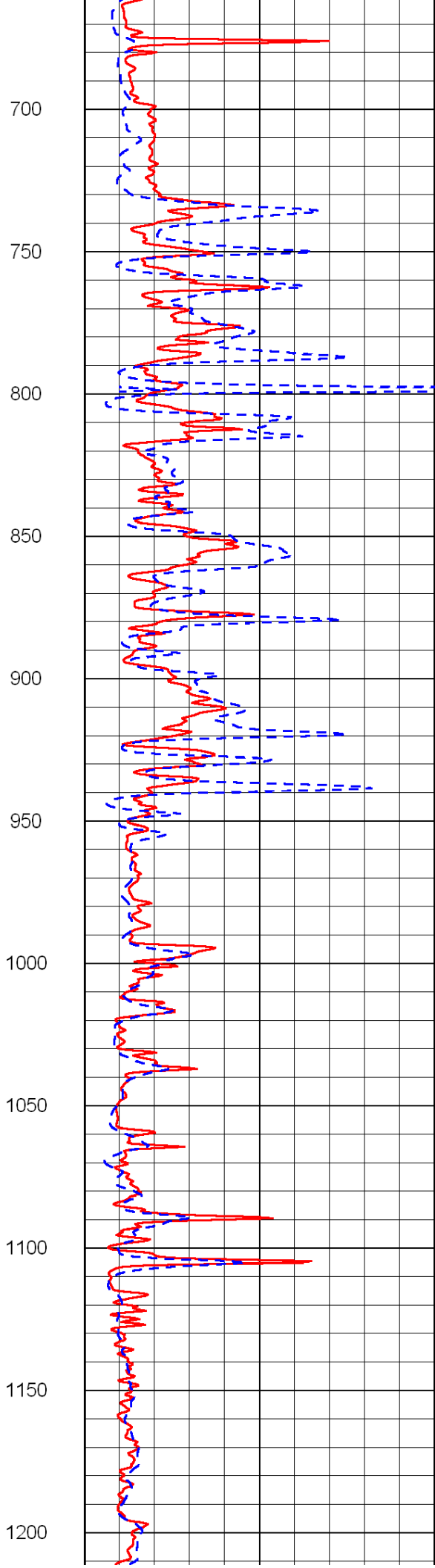
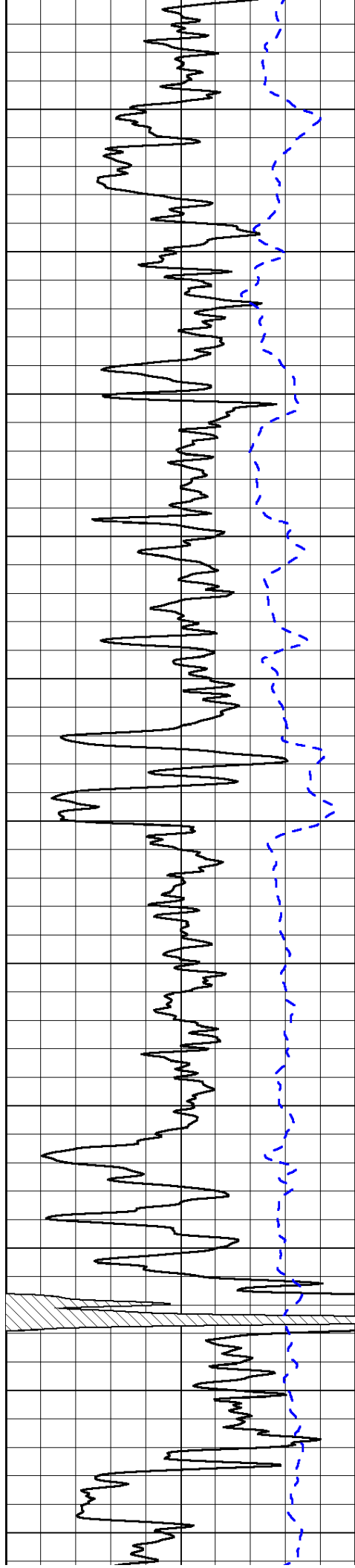
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Dataset Pathname: dil\ainsstack
Presentation Format: dil2in
Dataset Creation: Mon Jun 21 01:55:39 2010
Charted by: Depth in Feet scaled 1:600

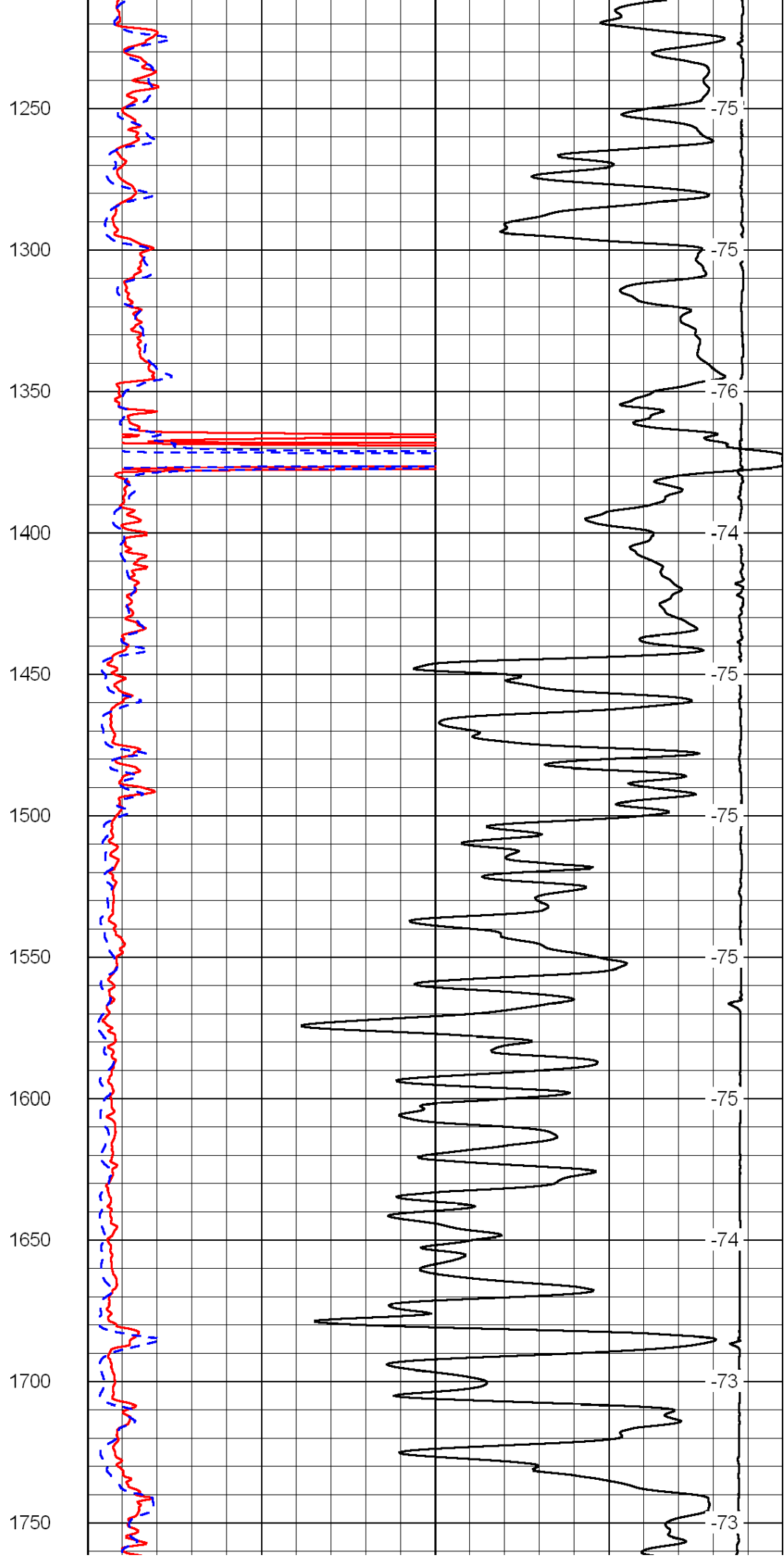
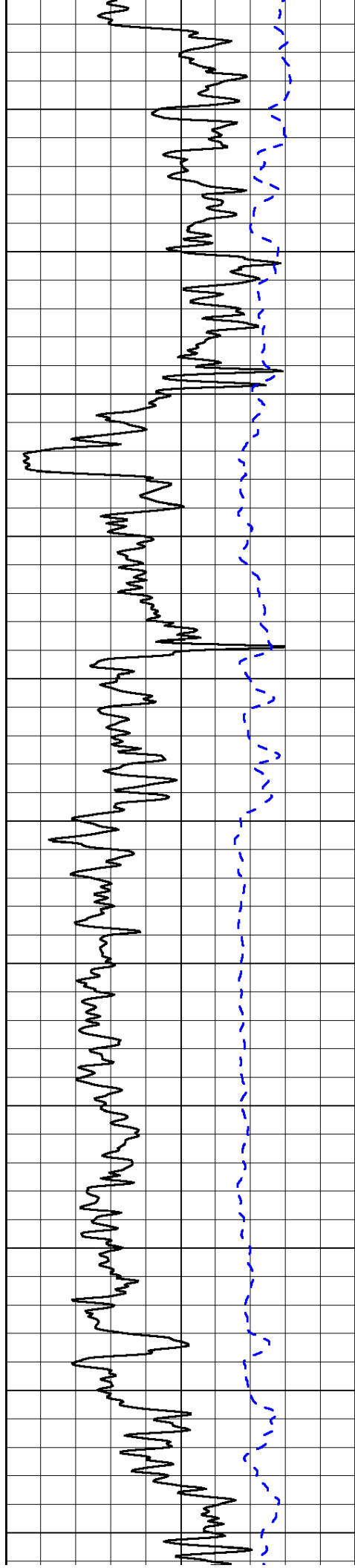
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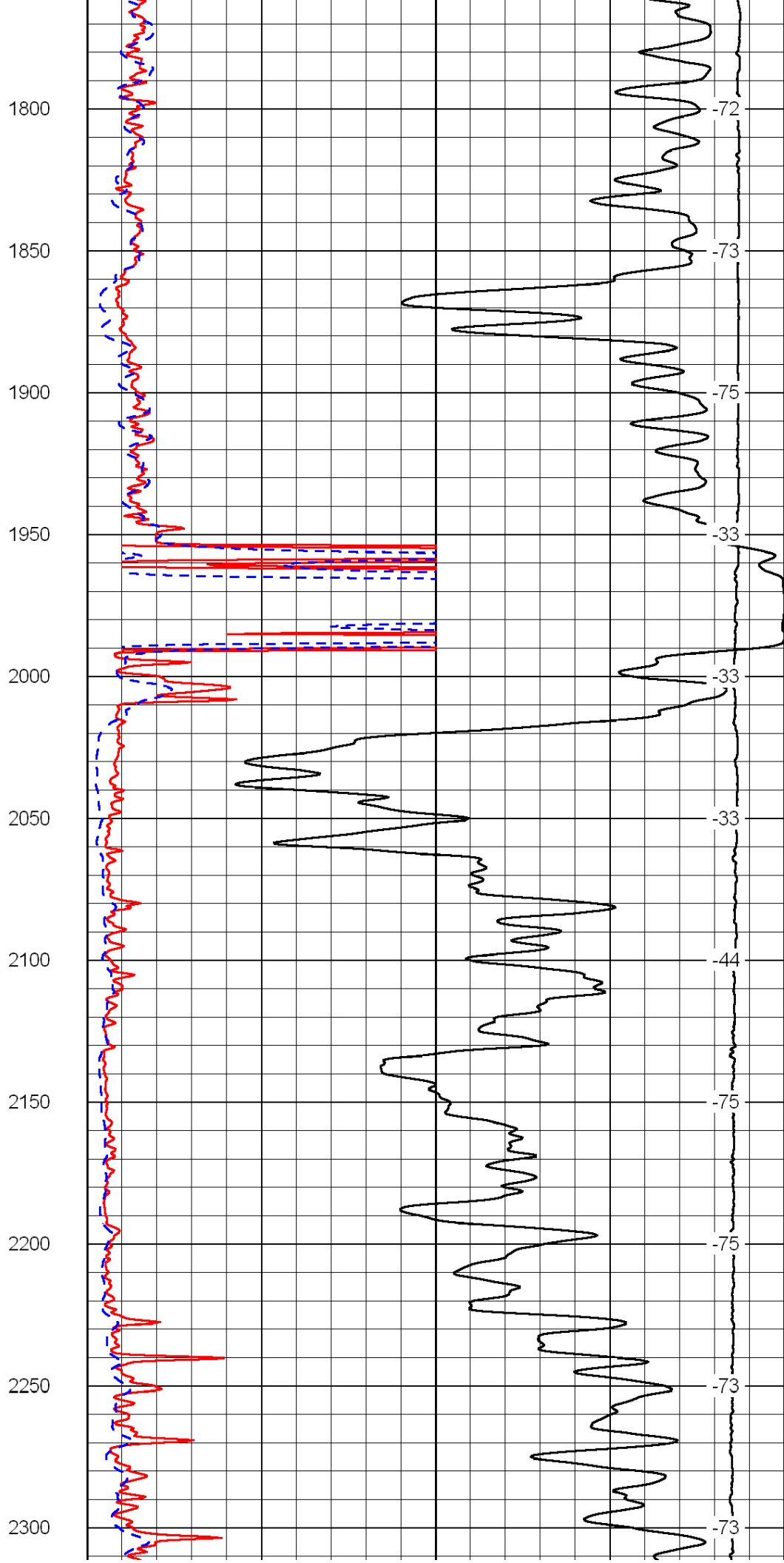
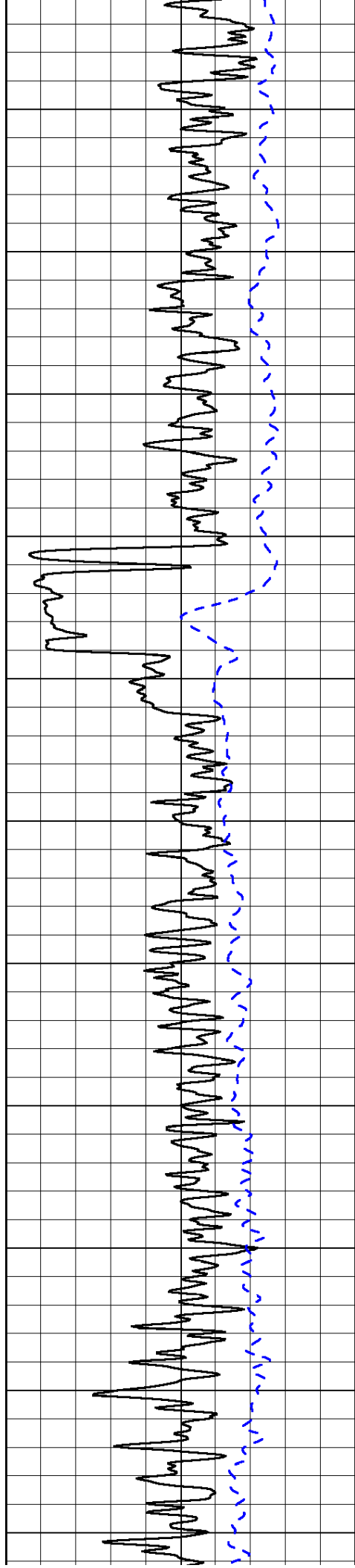
0	Gamma Ray	150
-200	SP (mV)	0

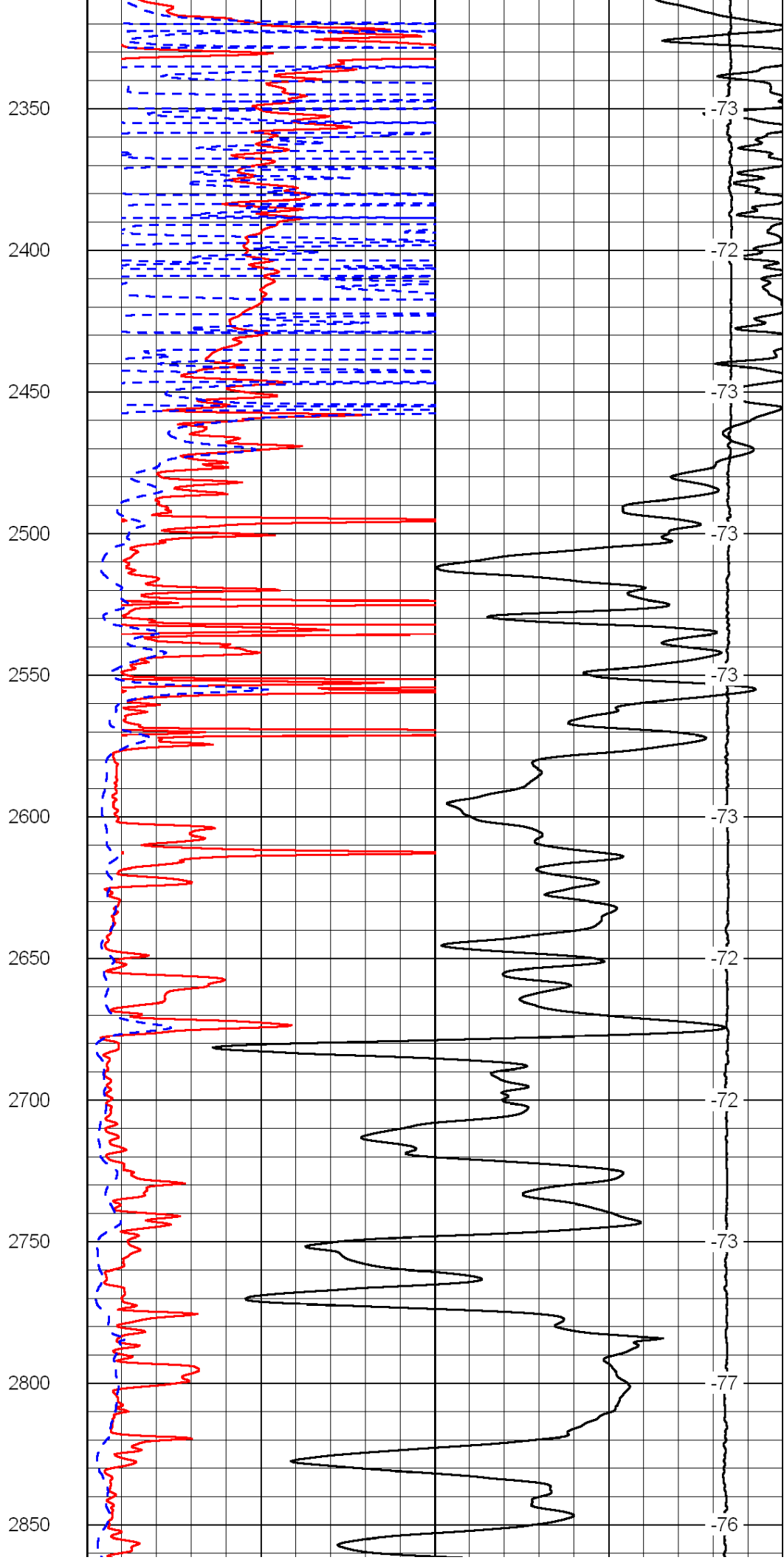
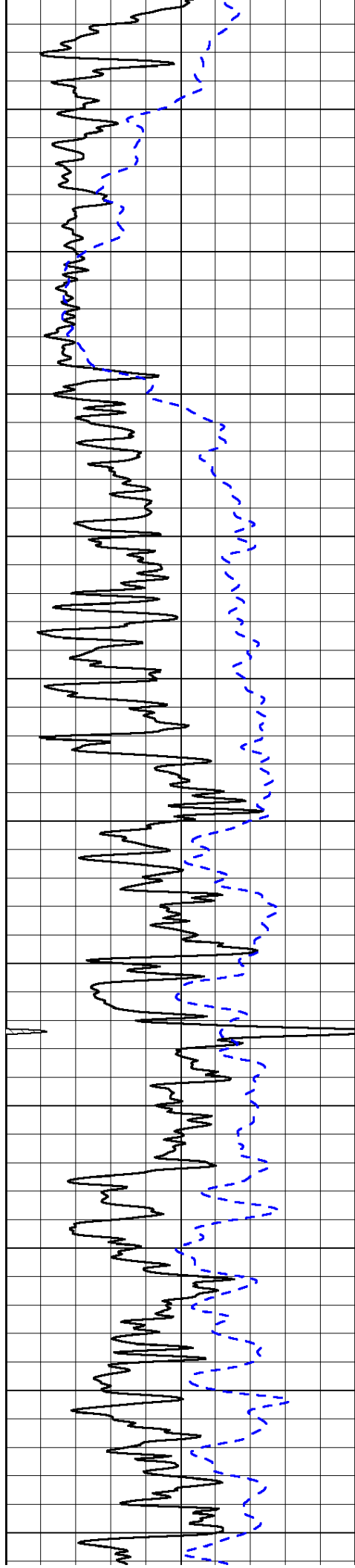
0	Shallow Resistivity	50	LSPD
0	Deep Resistivity	50	
1000	Conductivity		0
15000	Line Tension		0
50	Shallow Resistivity	500	
50	Deep Resistivity	500	

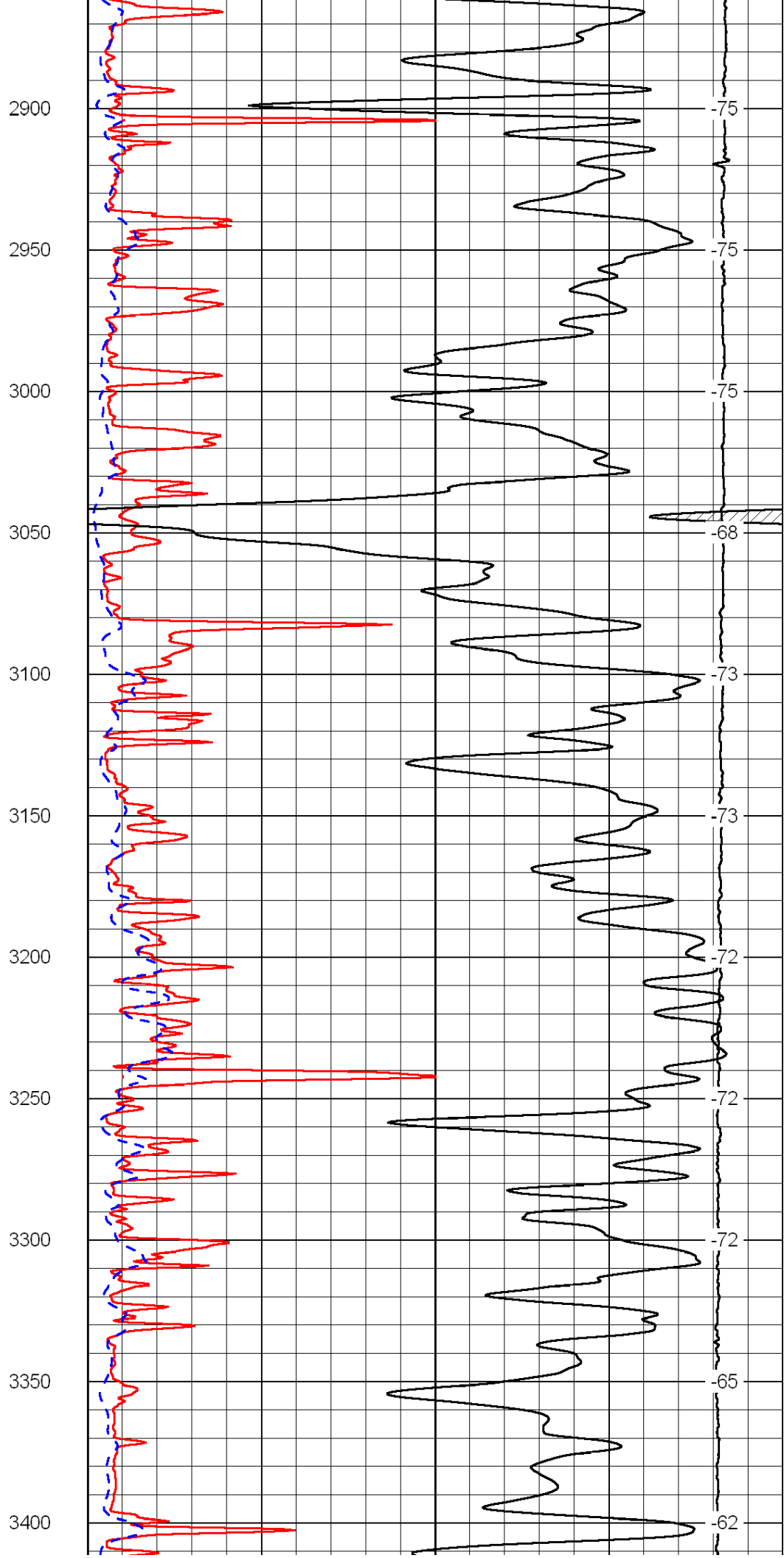
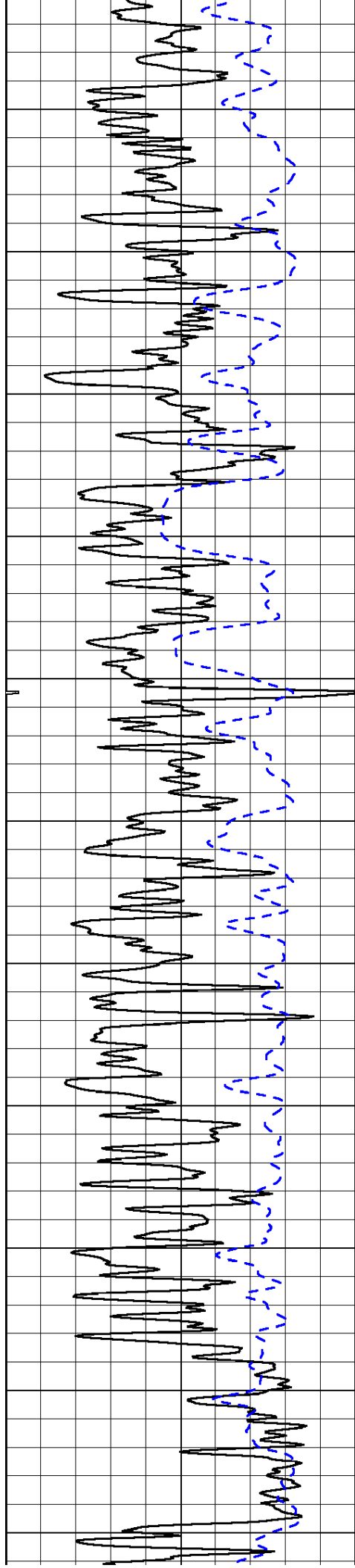


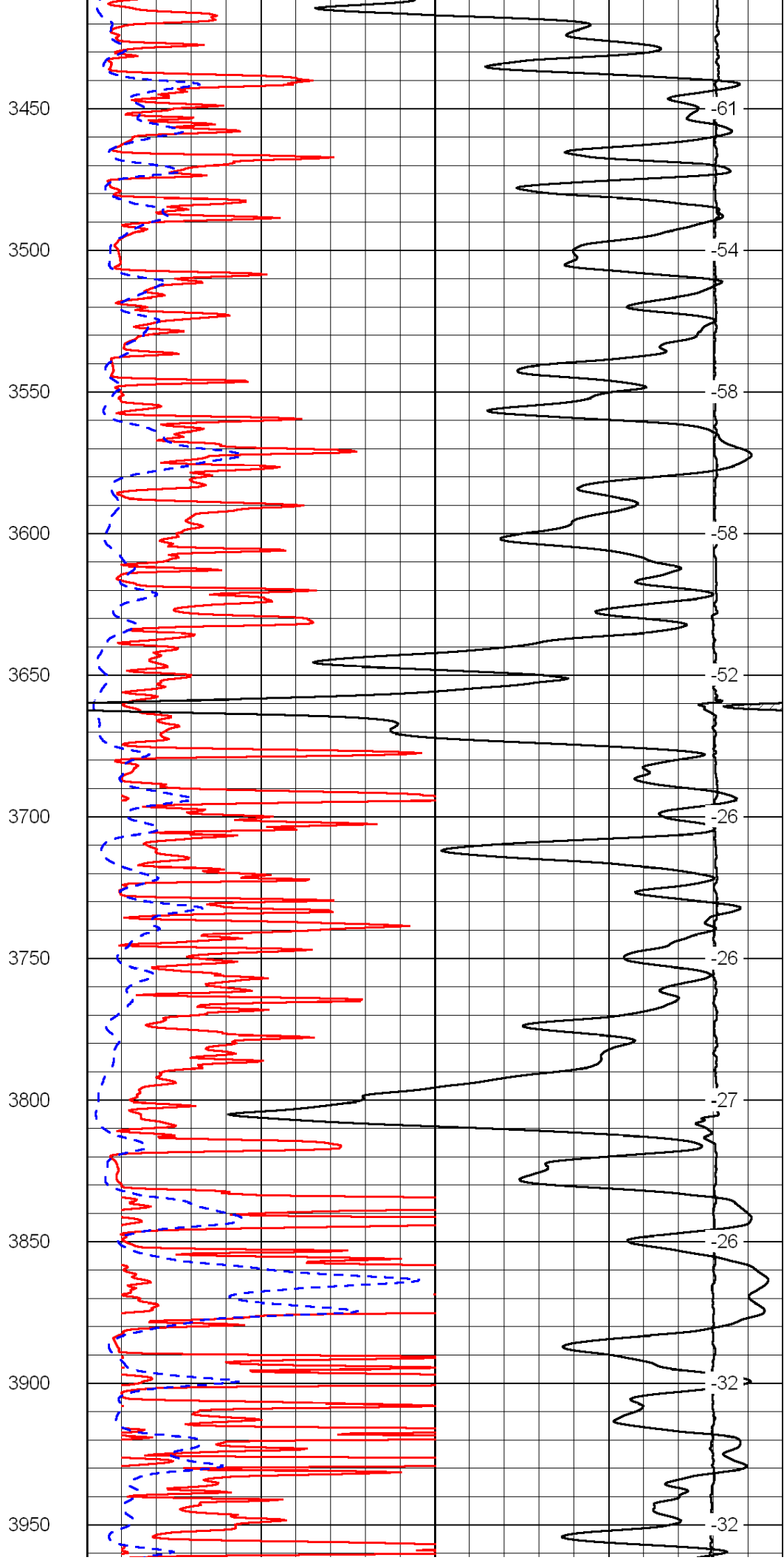
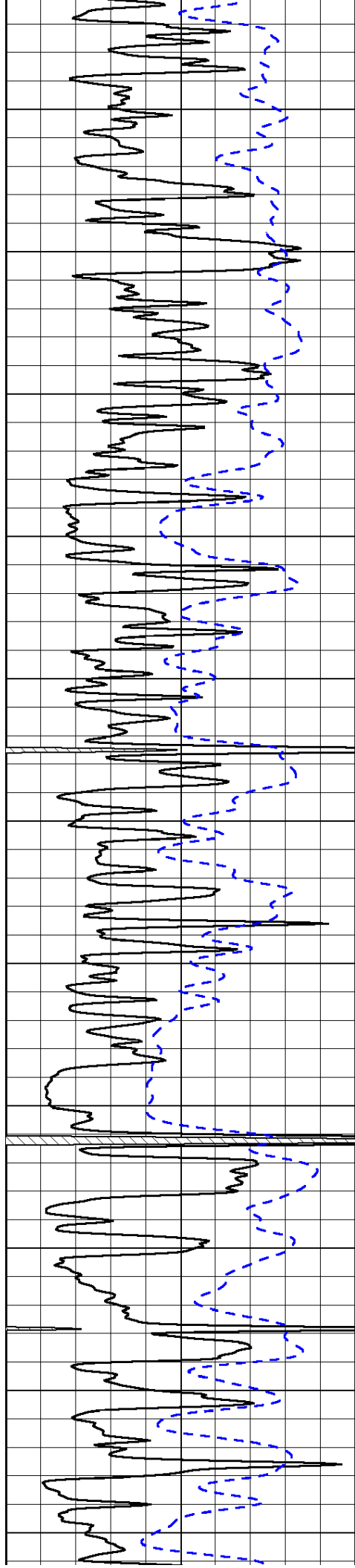


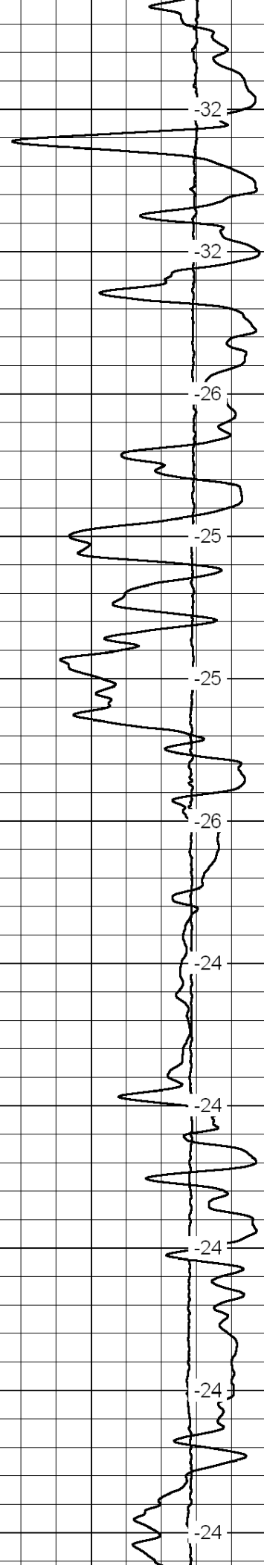
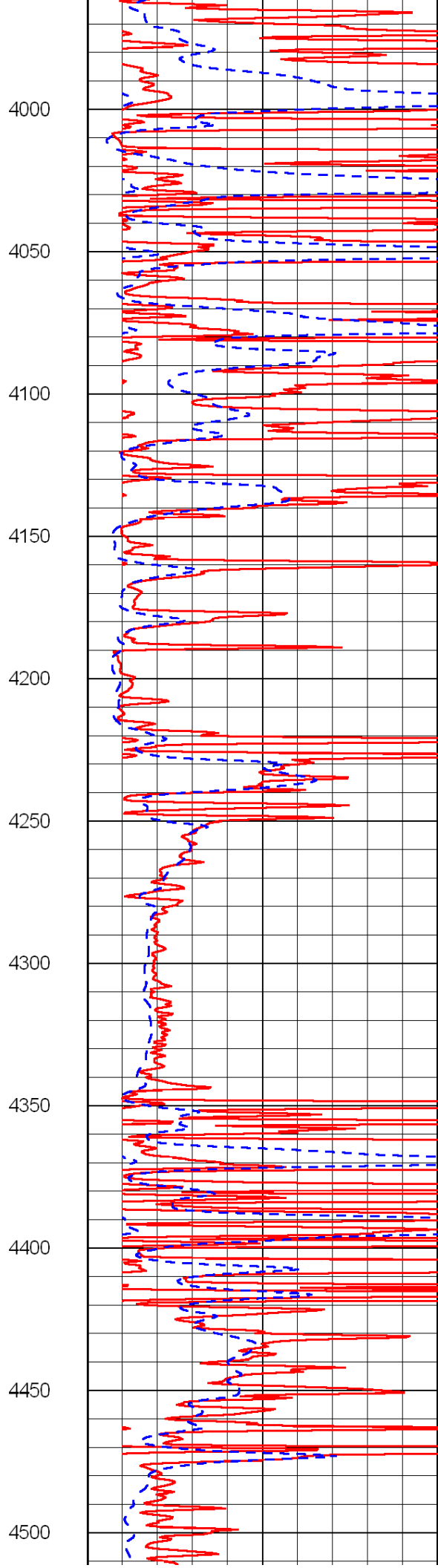
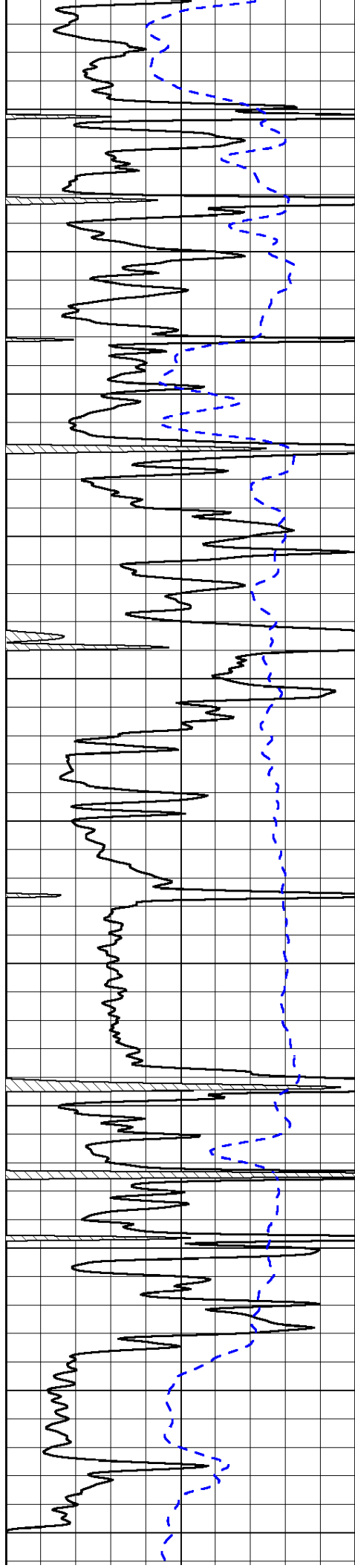


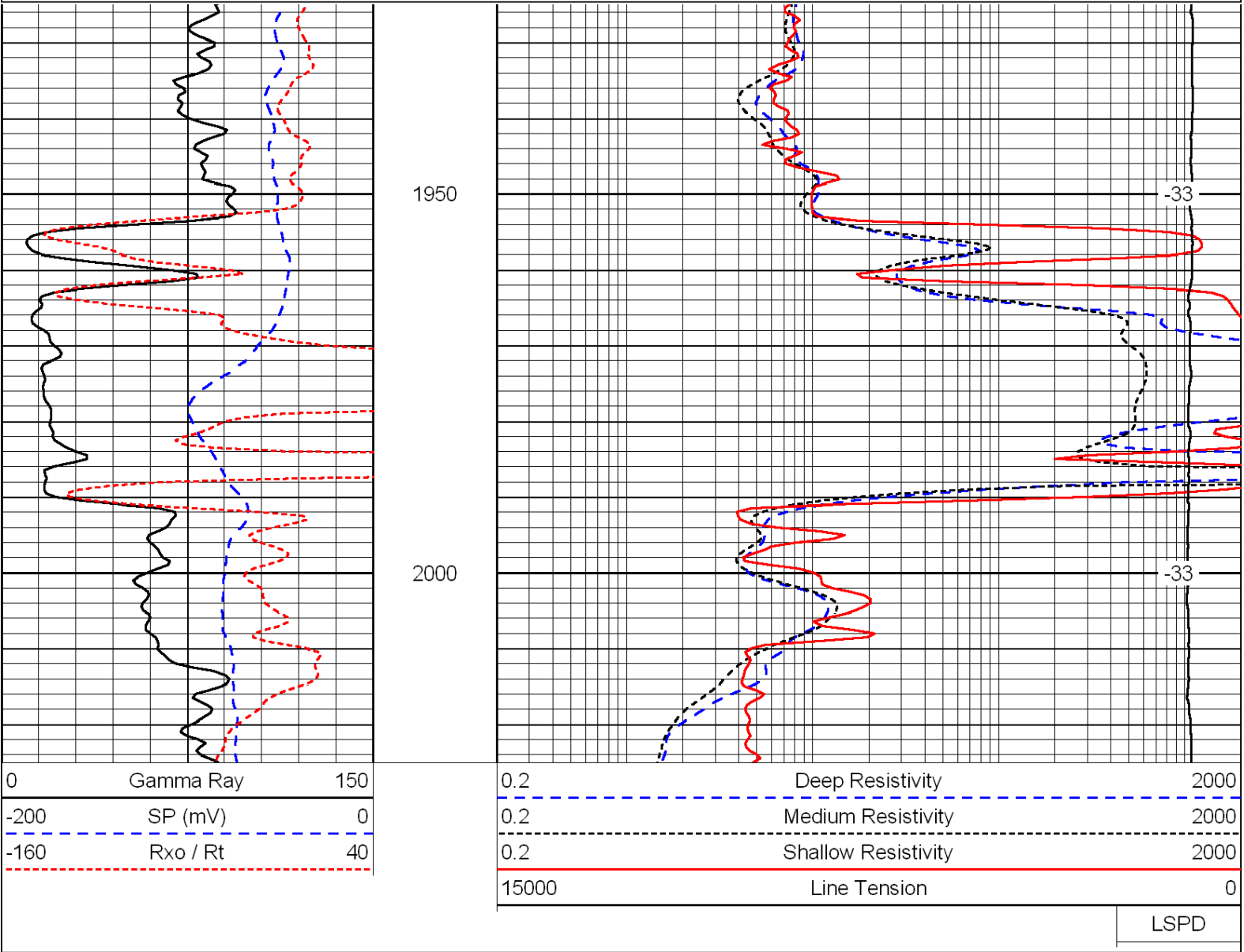
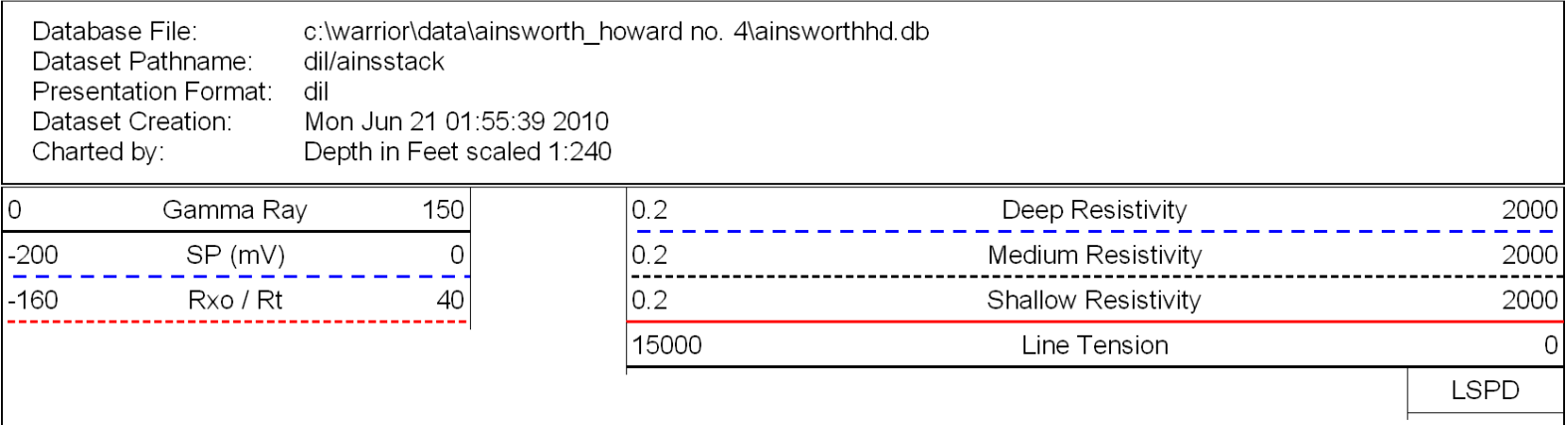
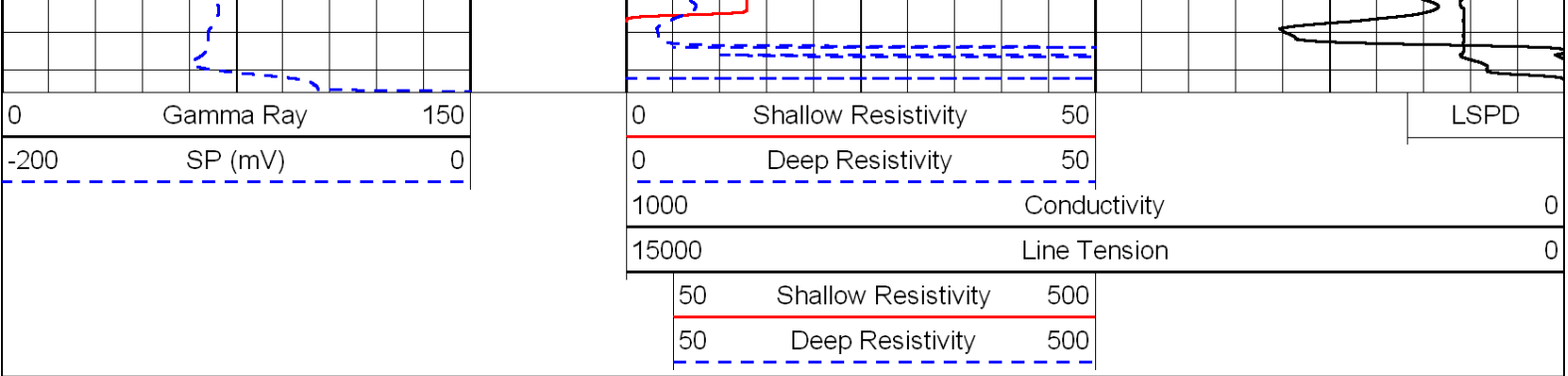










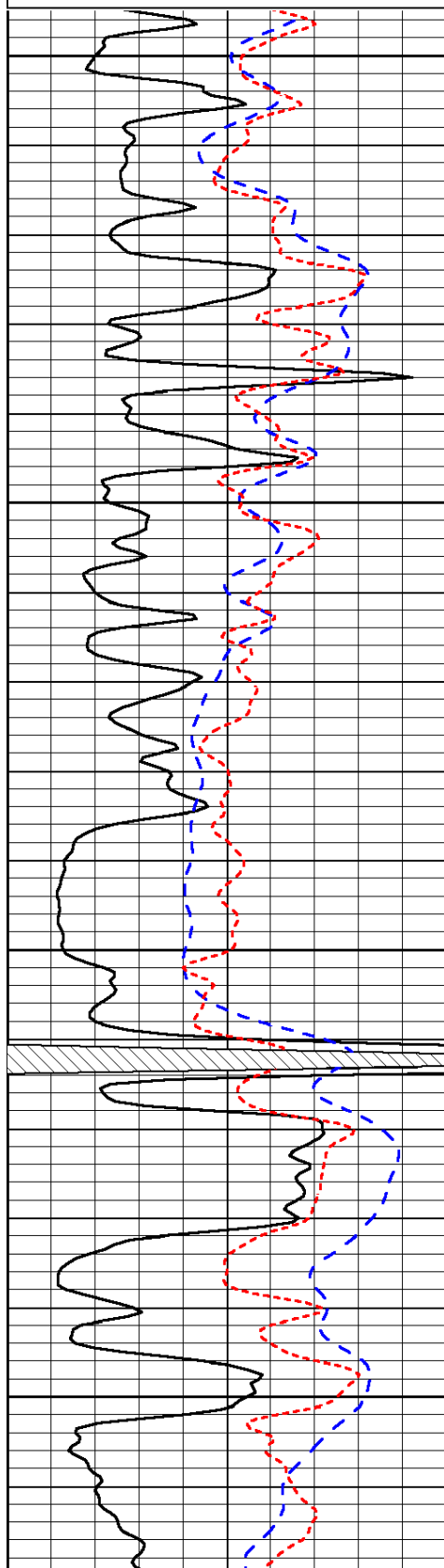


Database File: c:\warrior\data\ainsworth_howard no. 4\ainsworthhd.db
Dataset Pathname: dil\ainsstack
Presentation Format: dil
Dataset Creation: Mon Jun 21 01:55:39 2010
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150
-200	SP (mV)	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

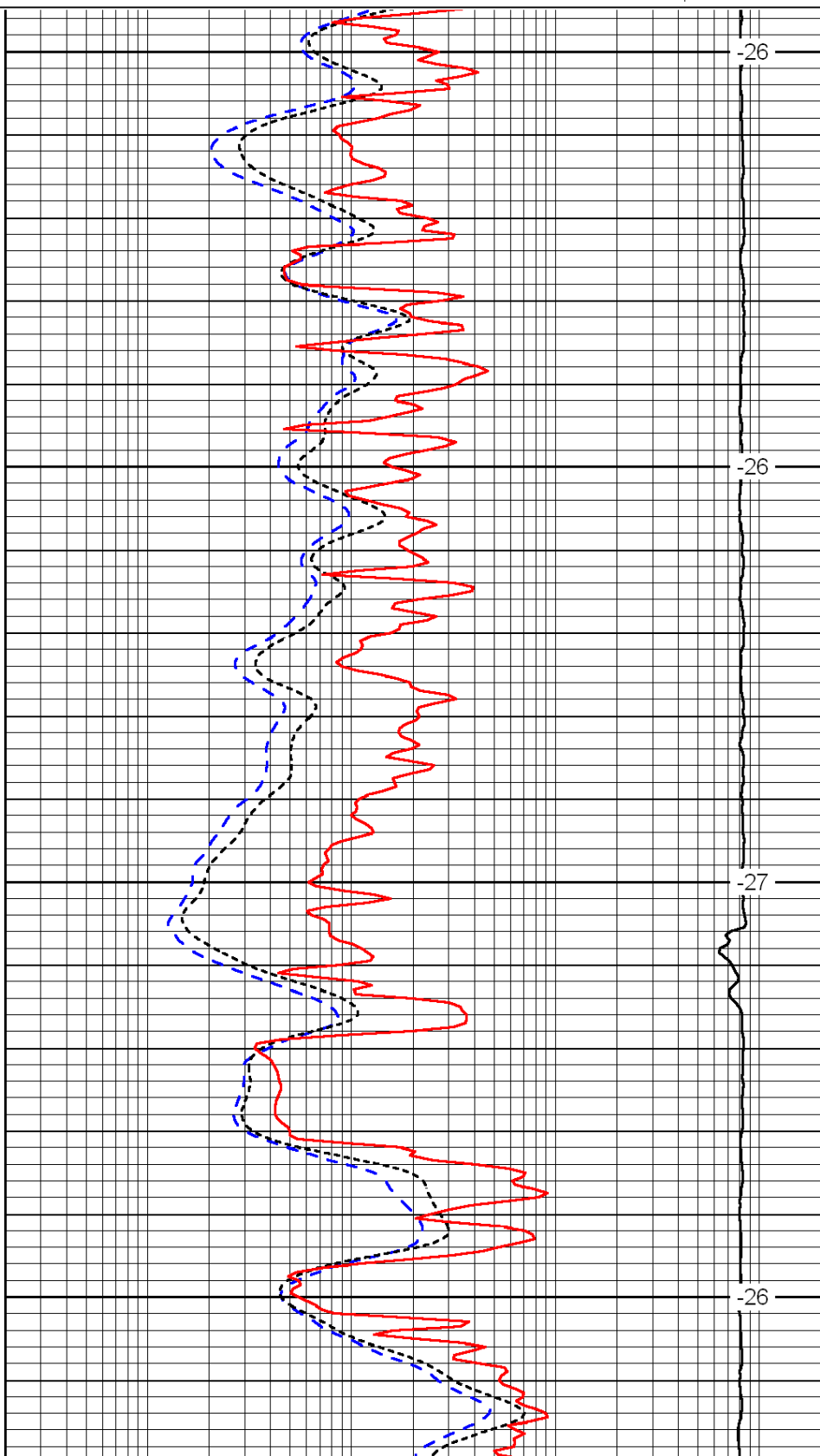


3700

3750

3800

3850

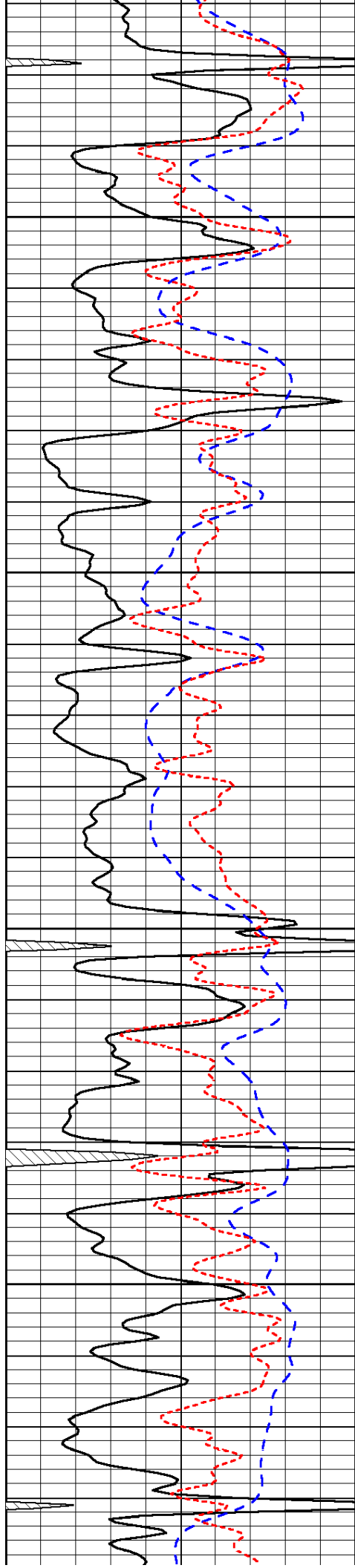


-26

-26

-27

-26

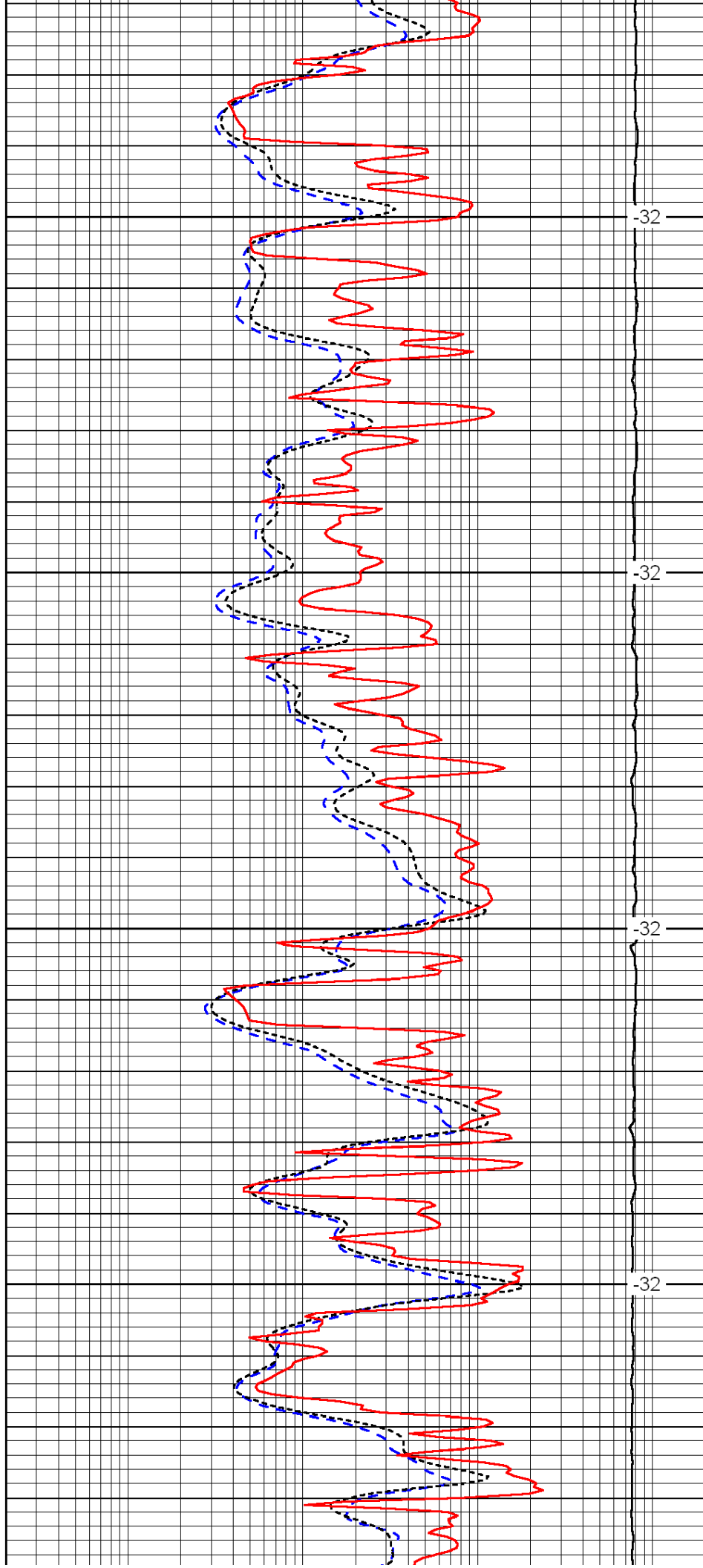


3900

3950

4000

4050

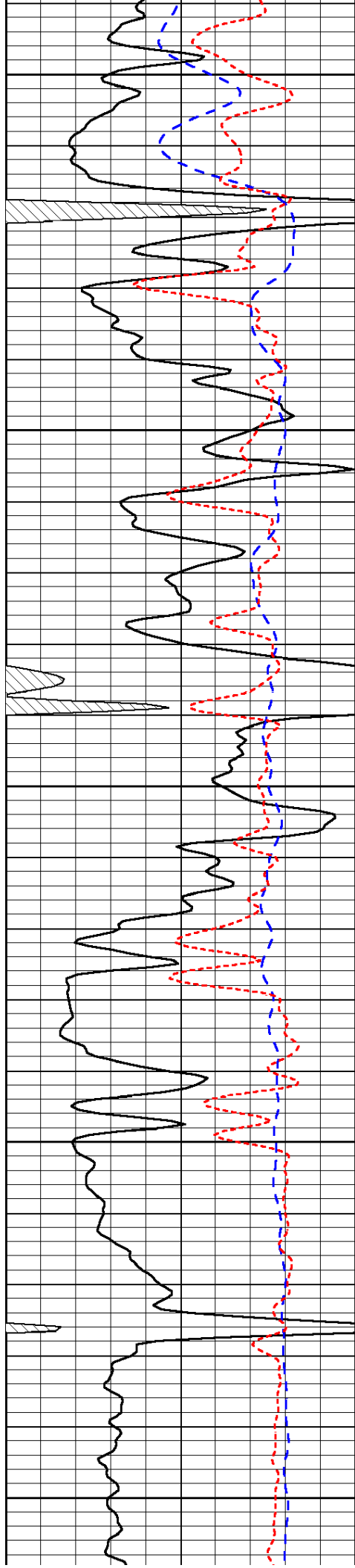


-32

-32

-32

-32



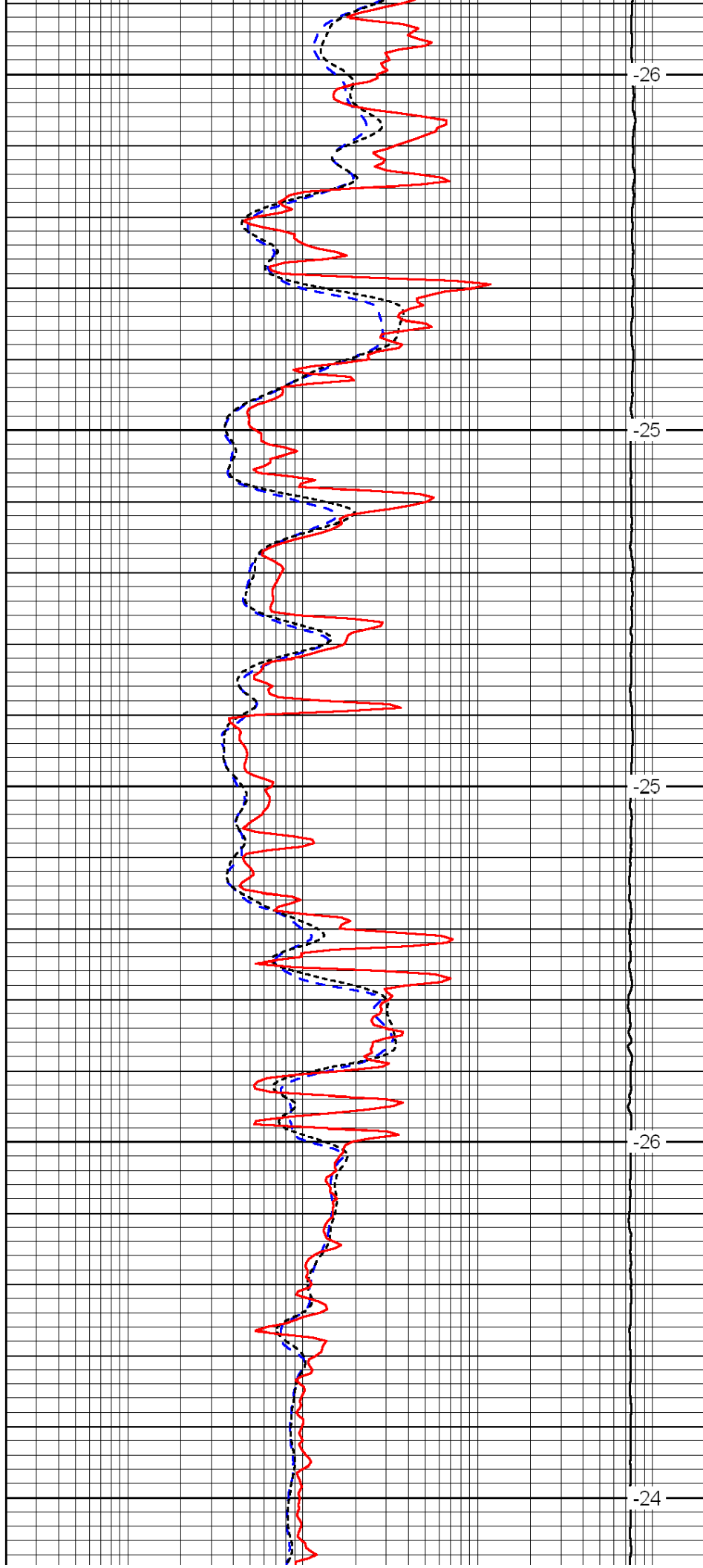
4100

4150

4200

4250

4300



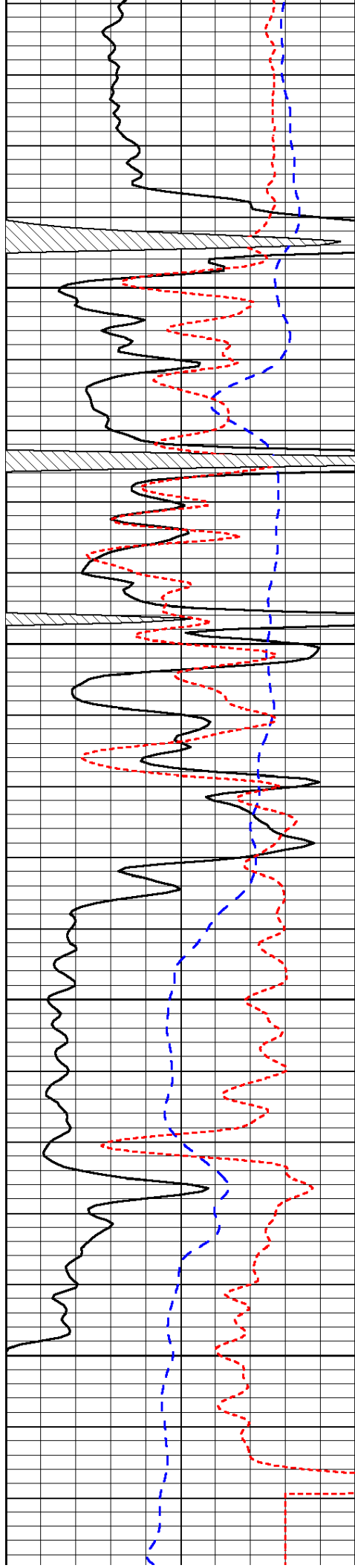
-26

-25

-25

-26

-24

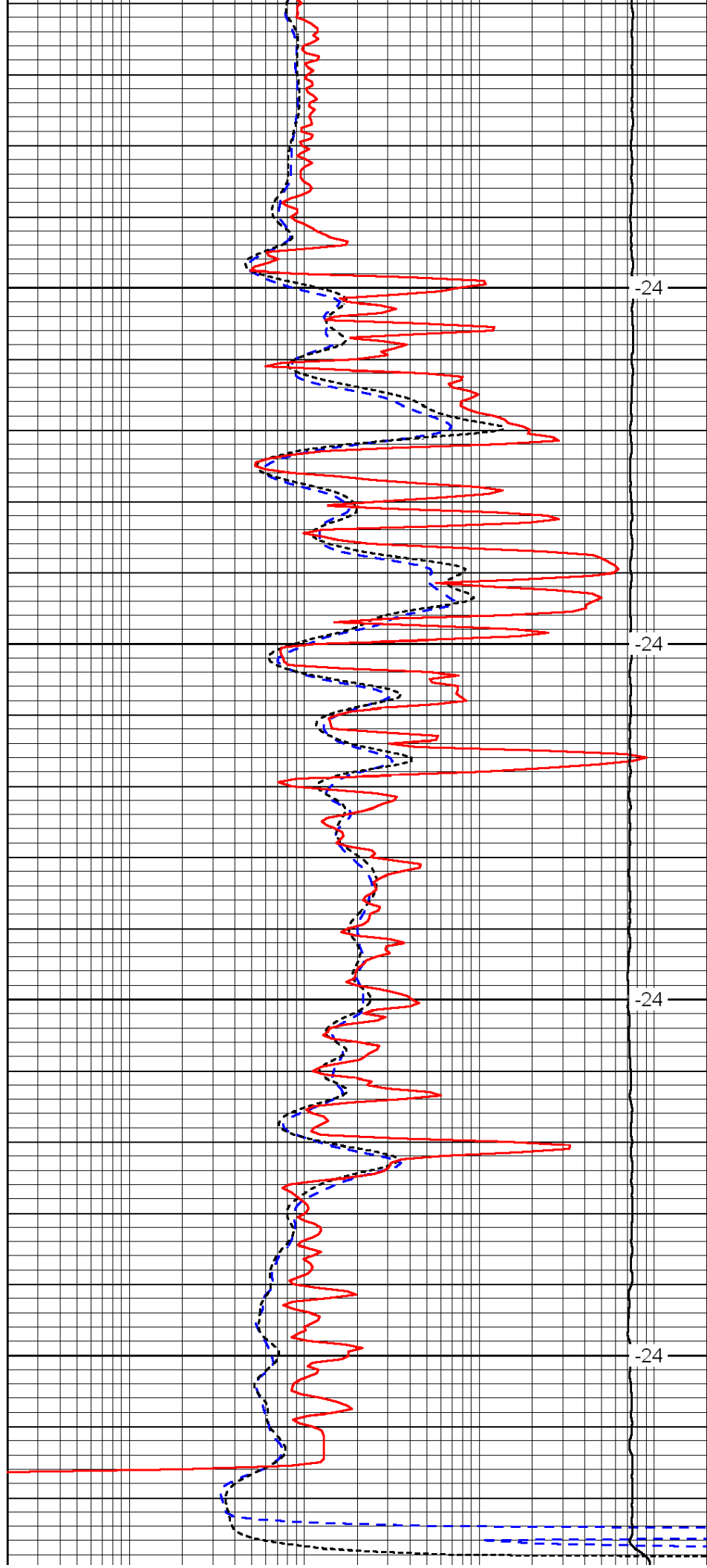


4350

4400

4450

4500



-24

-24

-24

-24

