



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.	Company Mid-Continent Energy Operating Co.			
	Well Zwegardt #1-34			
	Field Wildcat			
	County	Cheyenne	State	Kansas
	Location	NW NW SE SE 1015' FSL & 1020' FEL		
	Sec: 34	Twp: 2S	Rge: 41W	Other Services CNL / CDL MEL
Permanent Datum	Ground Level		Elevation 3599	Elevation
Log Measured From	Kelly Bushing		5 Ft. Above Perm. Datum	K.B. 3604
Drilling Measured From	Kelly Bushing			D.F. 3599
Date	1/25/2011			
Run Number	One			
Depth Driller	5330			
Depth Logger	5338			
Bottom Logged Interval	5337			
Top Log Interval	300			
Casing Driller	8.625 @ 305			
Casing Logger	308			
Bit Size	7.875			
Type Fluid in Hole	Chemical			
Salinity, ppm CL	1000			
Density / Viscosity	9.3 52			
pH / Fluid Loss	10.5 7.2			
Source of Sample	Flowline			
Rm @ Meas. Temp	0.95 @ 40			
Rmf @ Meas. Temp	0.71 @ 40			
Rmc @ Meas. Temp	1.28 @ 40			
Source of Rmf / Rmc	Charts			
Rm @ BHT	0.29 @ 131			
Operating Rig Time	4 Hours			
Max Rec. Temp. F	131			
Equipment Number	17			
Location	Hays			
Recorded By	R. Barnhart			
Witnessed By	Larry Nichols			

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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

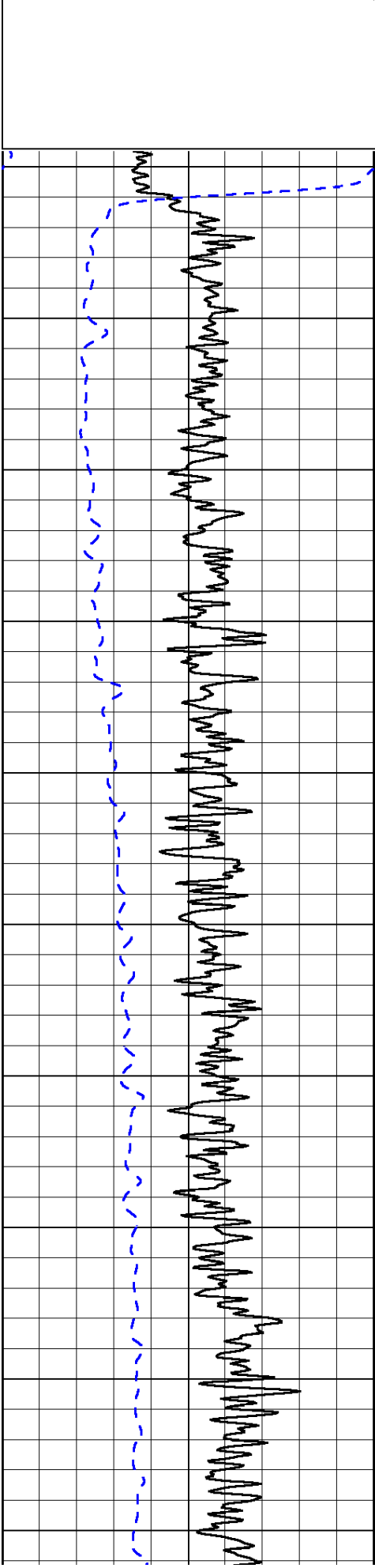
Thank you for using Log-Tech, Inc.
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St. Francis, KS:
2W to Hwy 27, 3N, 3W, 3/4N,
1/4W, N into

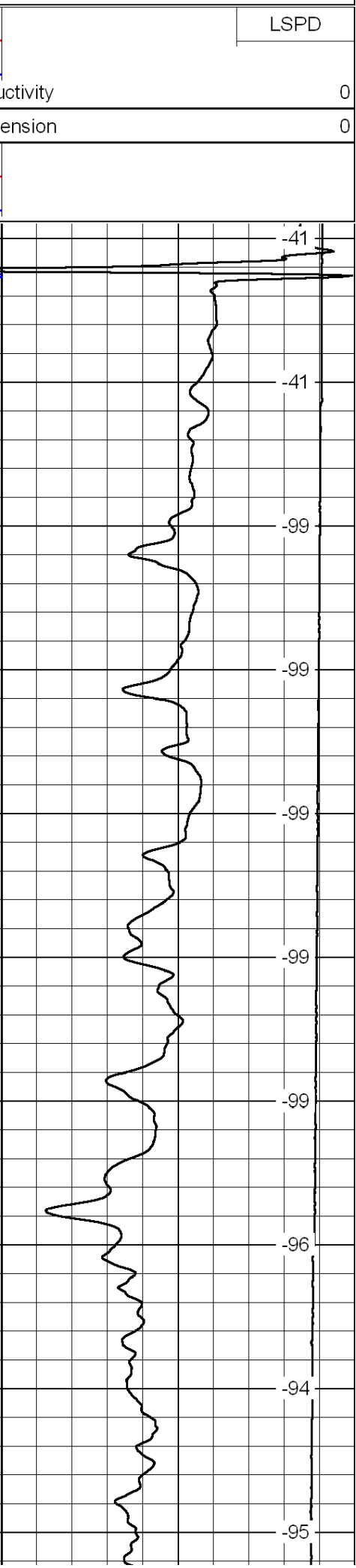
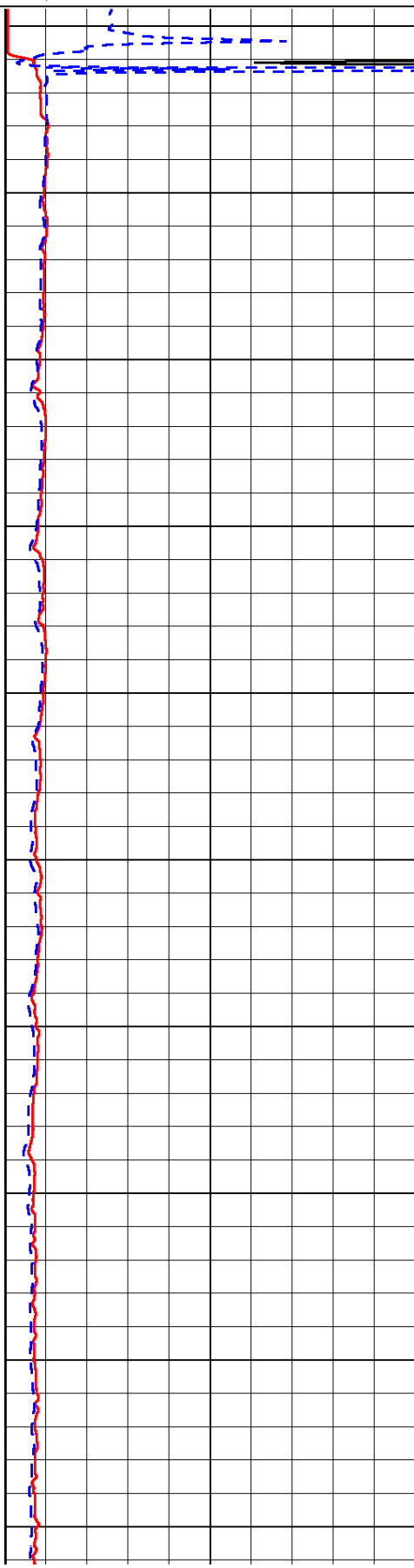
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Presentation Format: dil2in
Dataset Creation: Tue Jan 25 06:21:35 2011
Charted by: Depth in Feet scaled 1:600

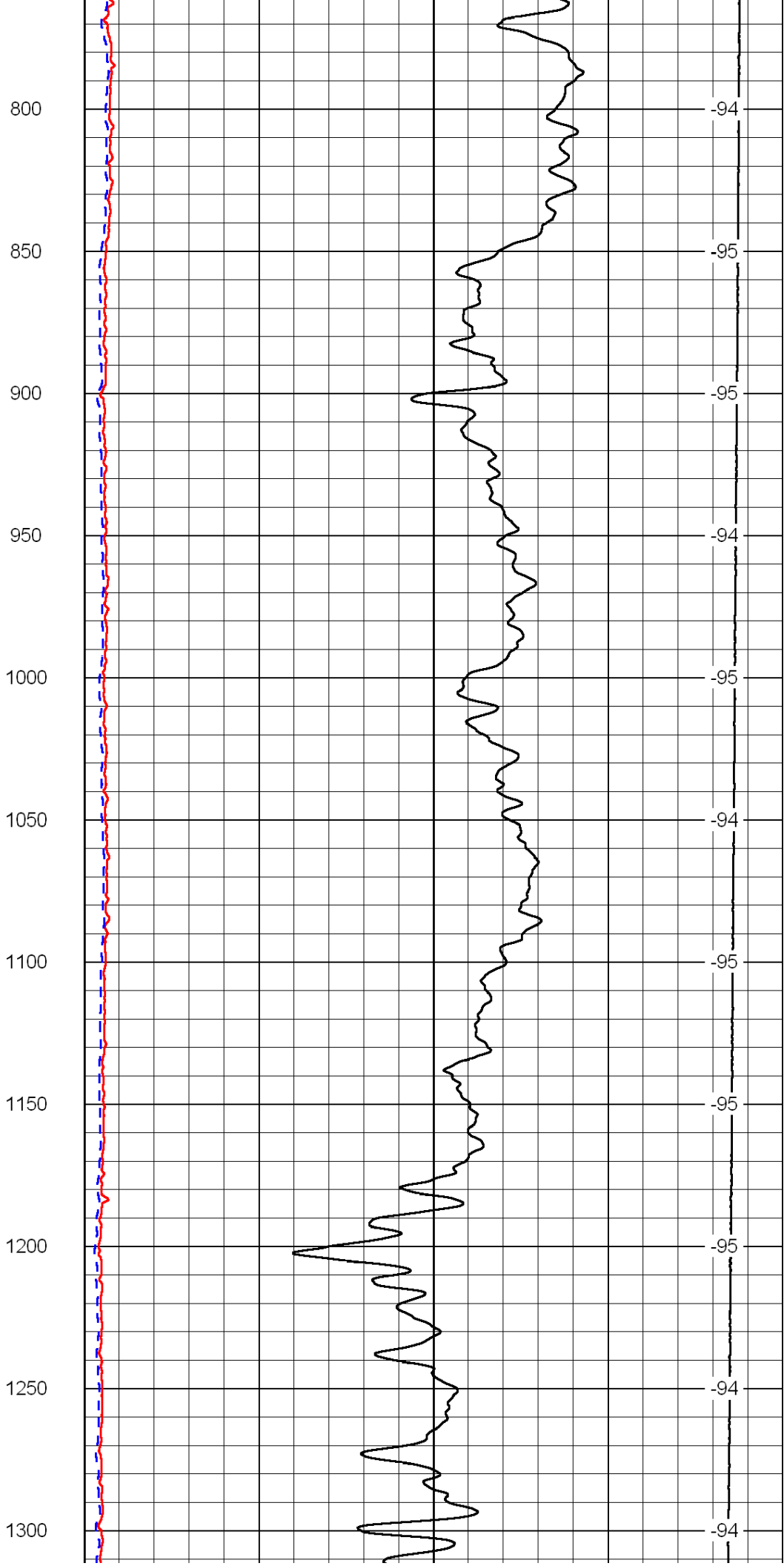
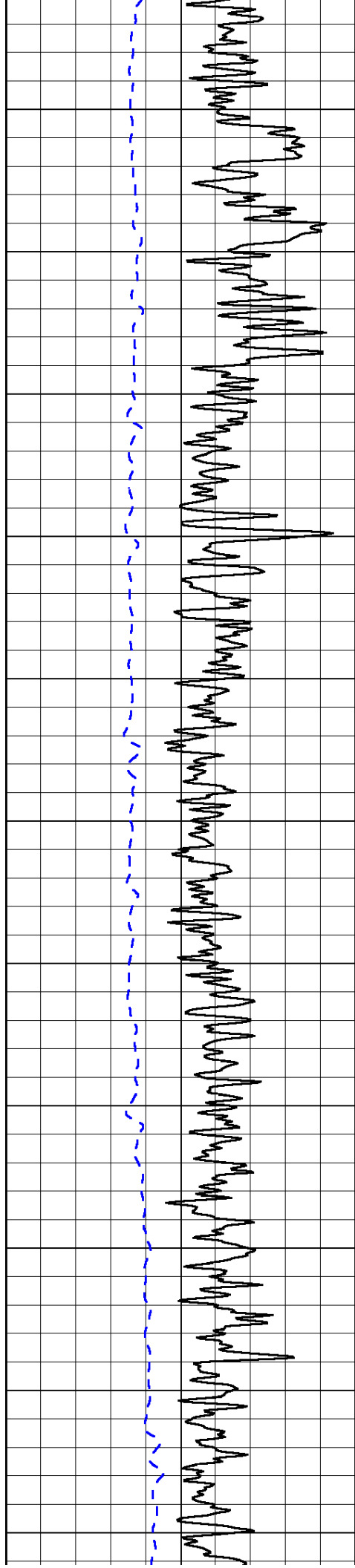
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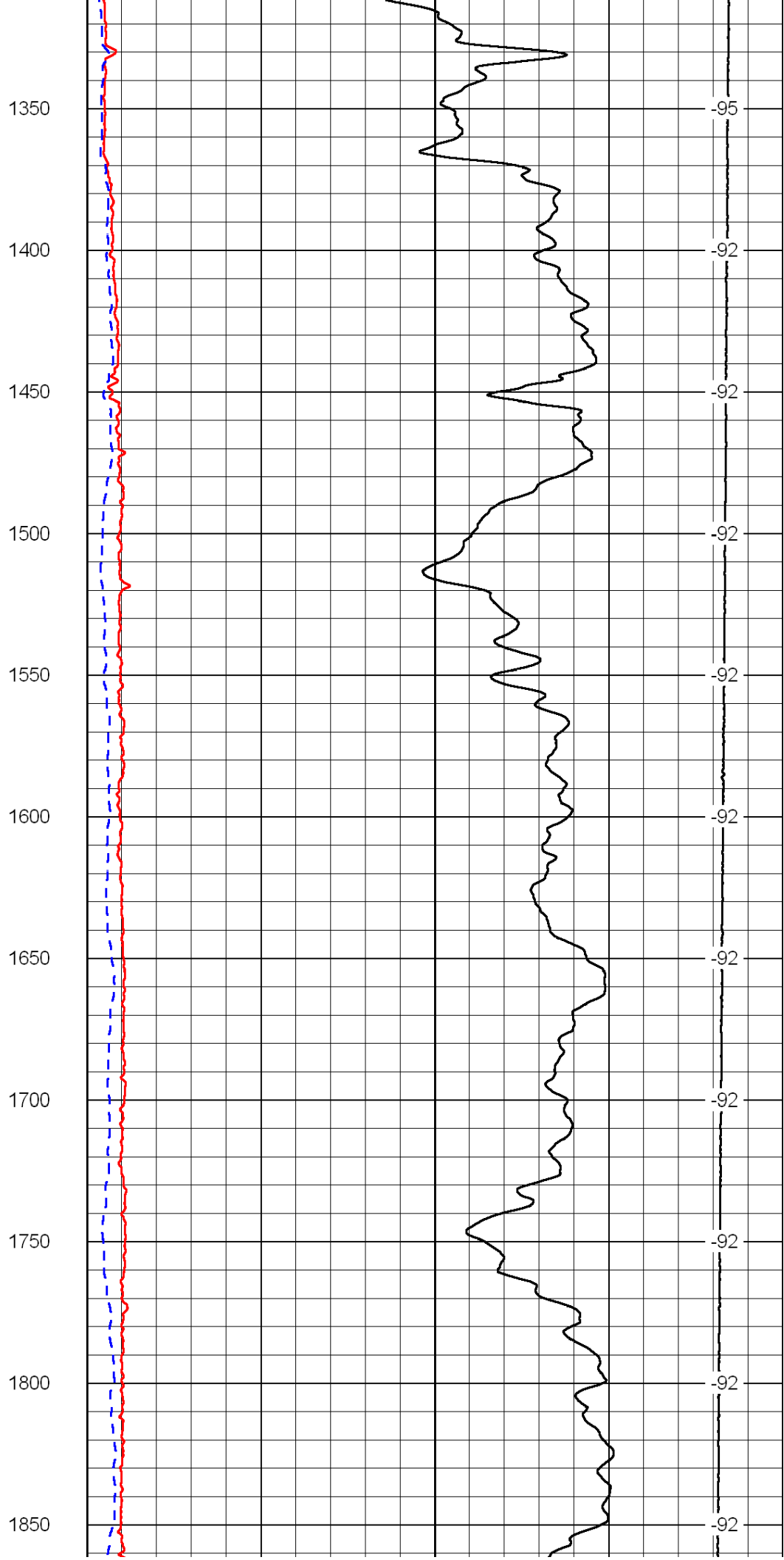
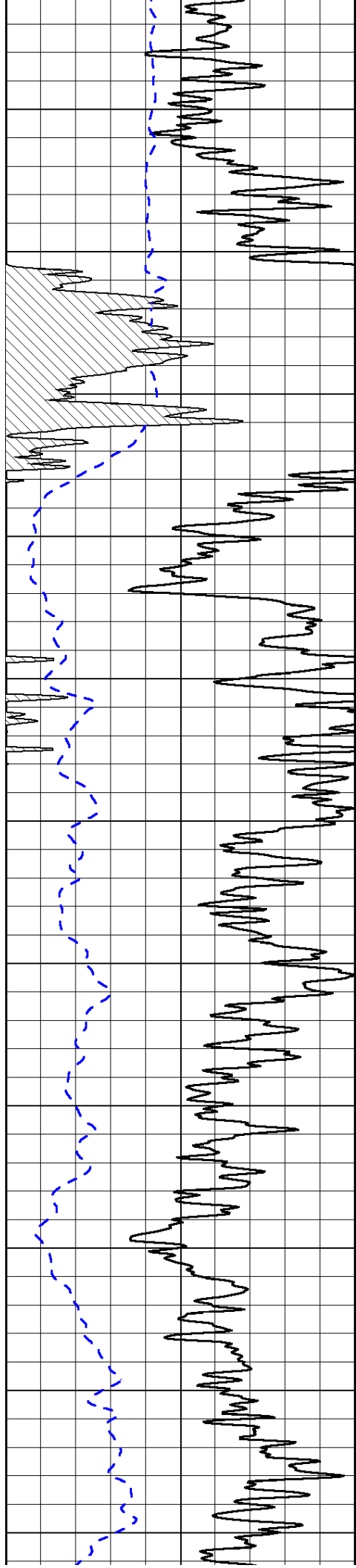
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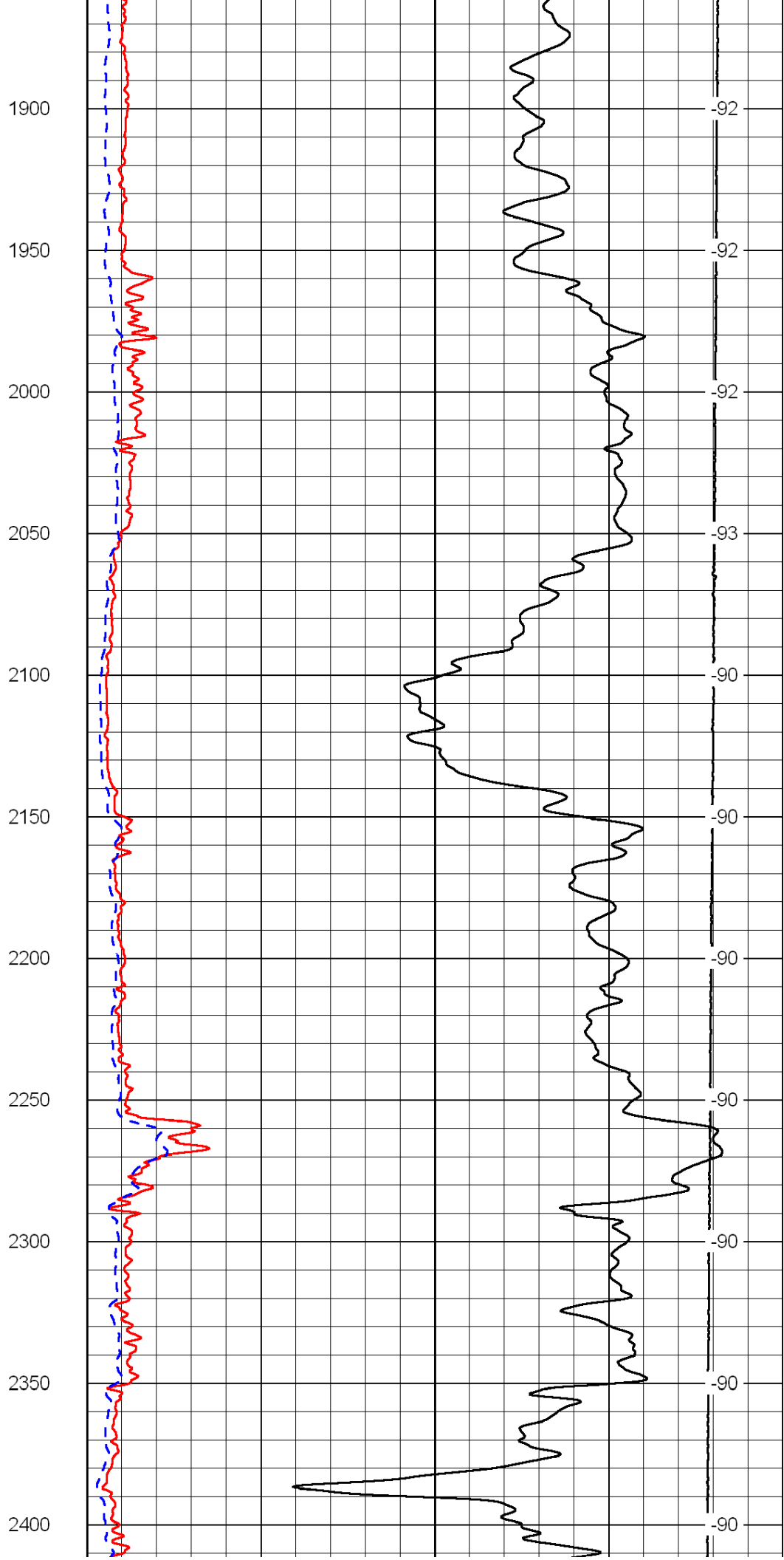
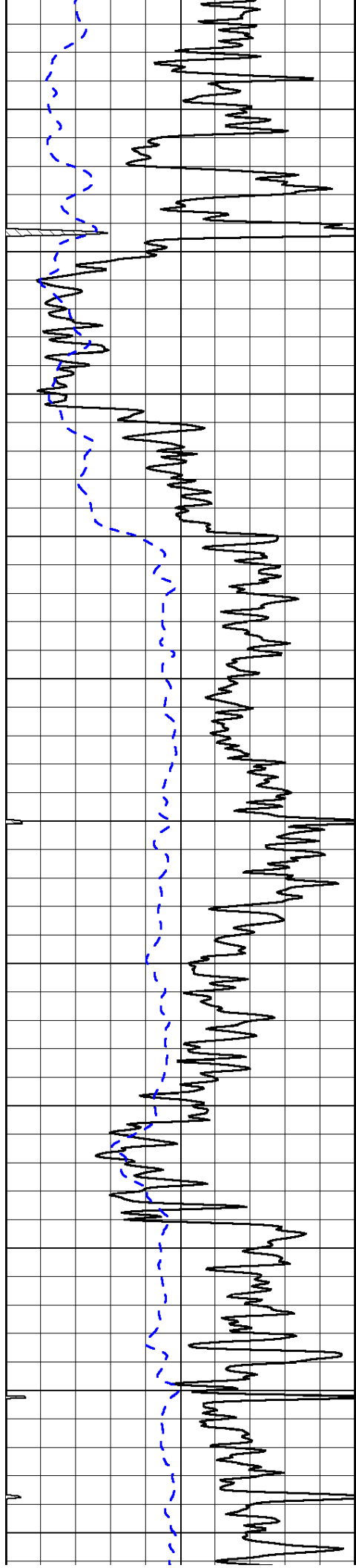


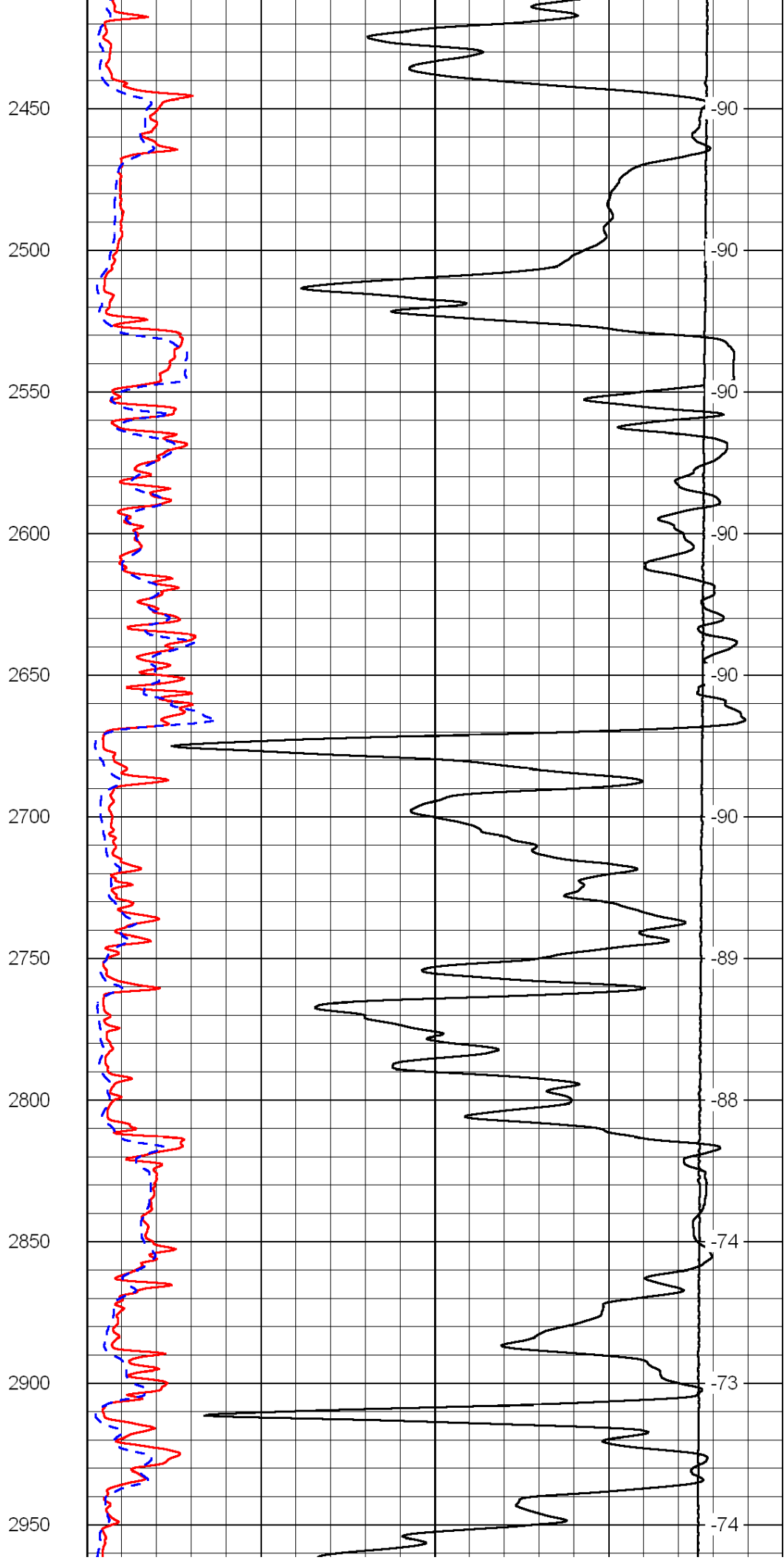
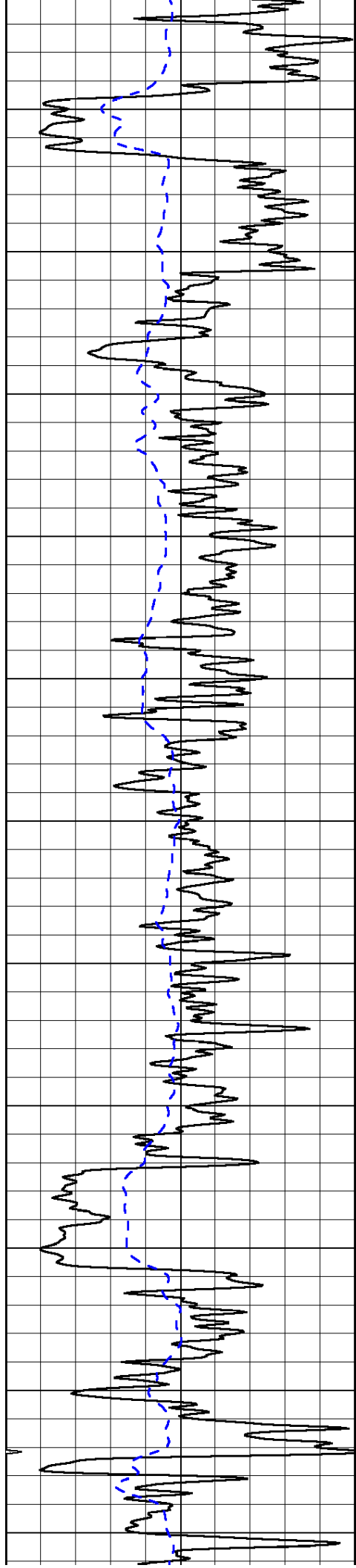
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0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0
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50	Deep Resistivity	500

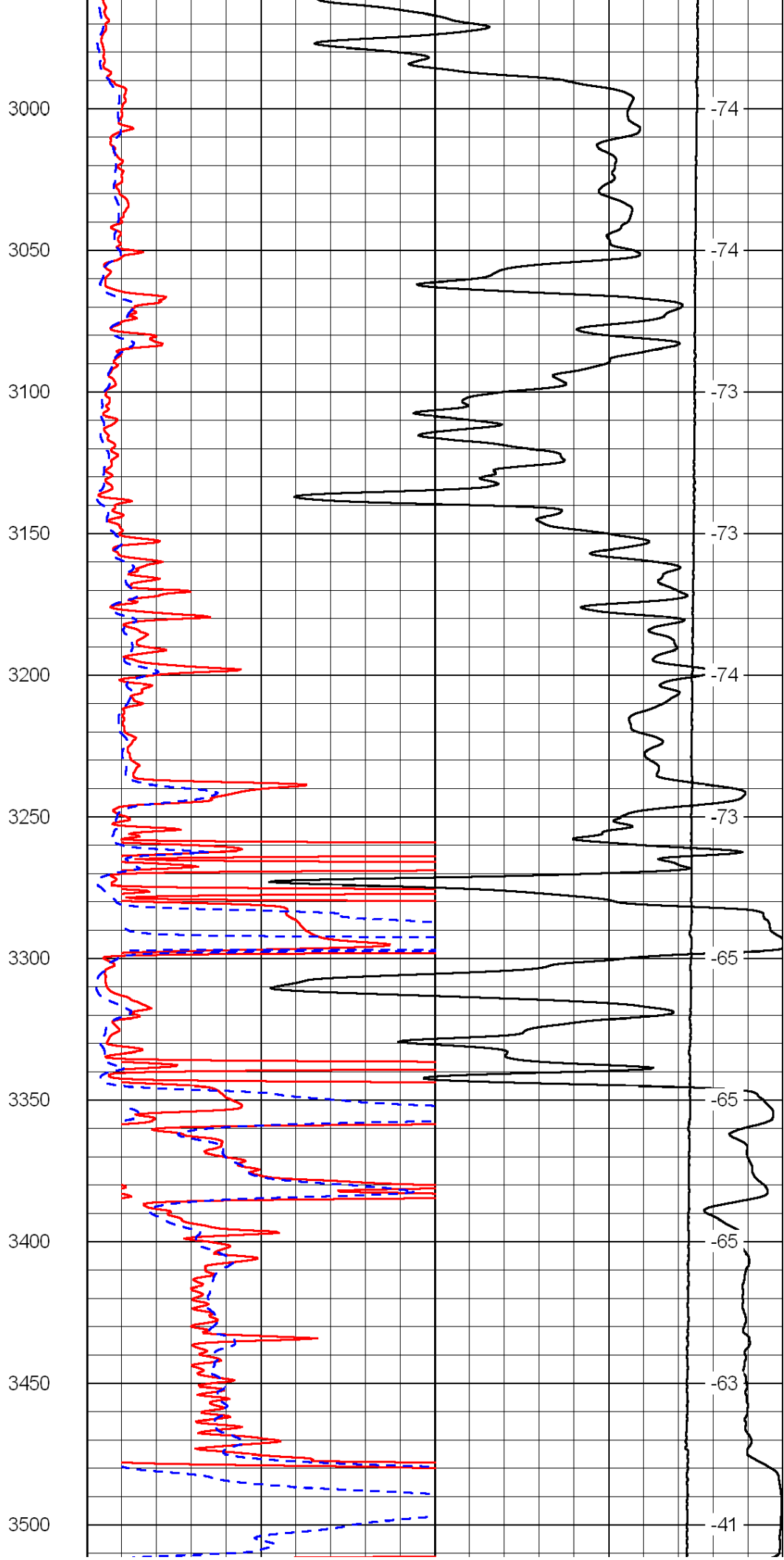
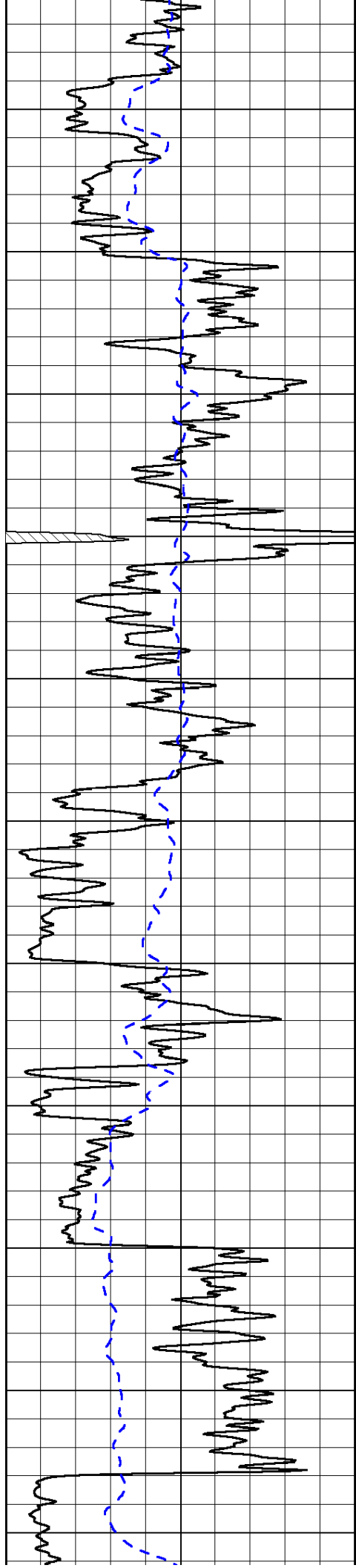


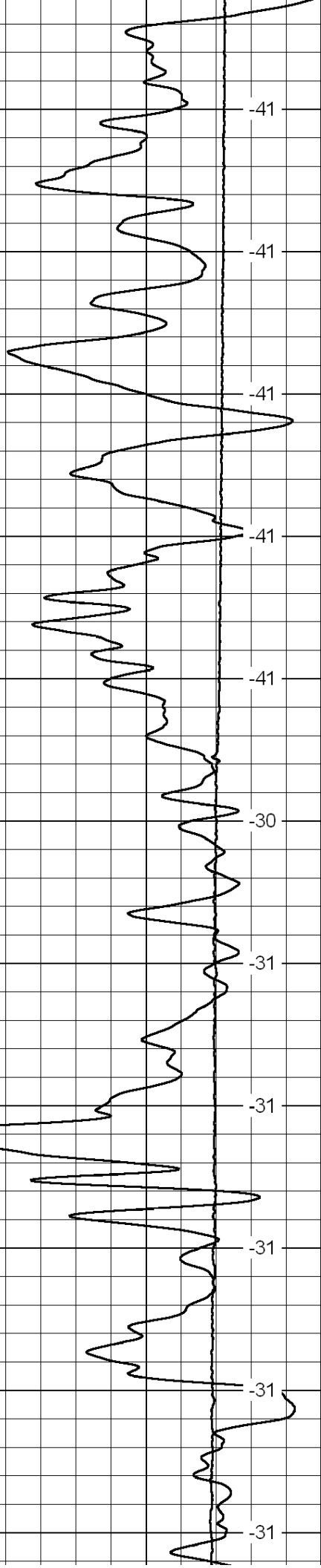
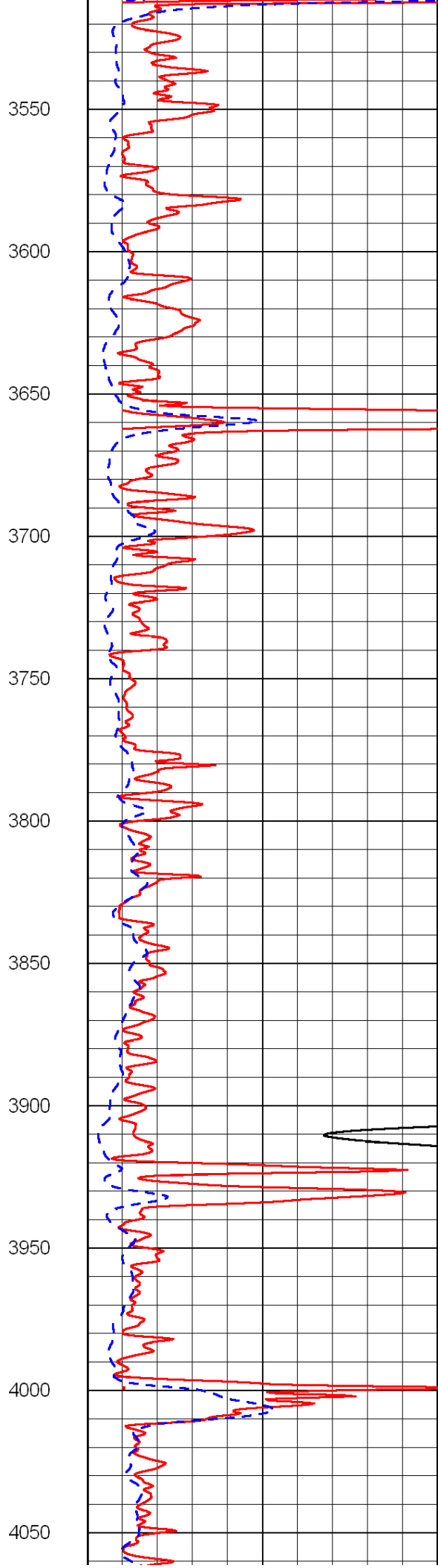
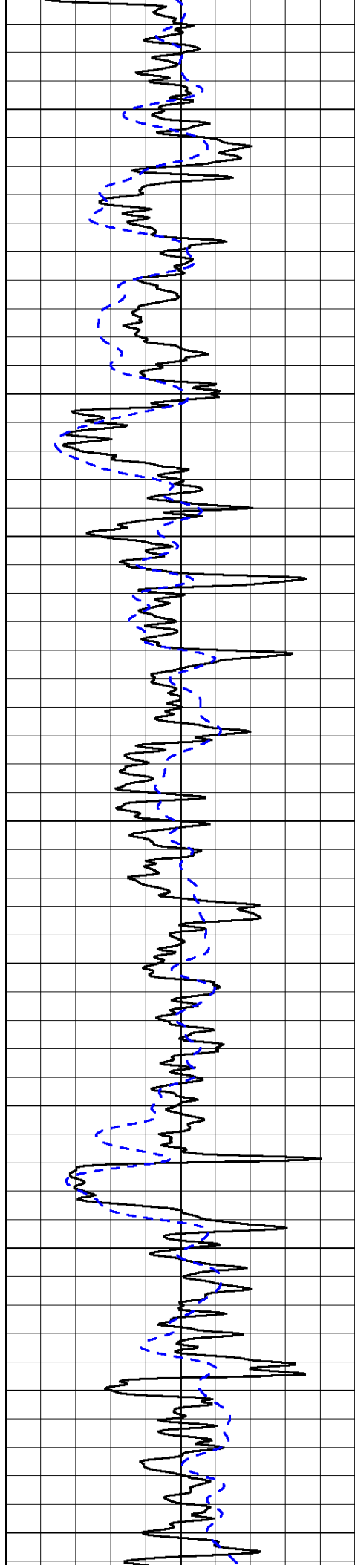


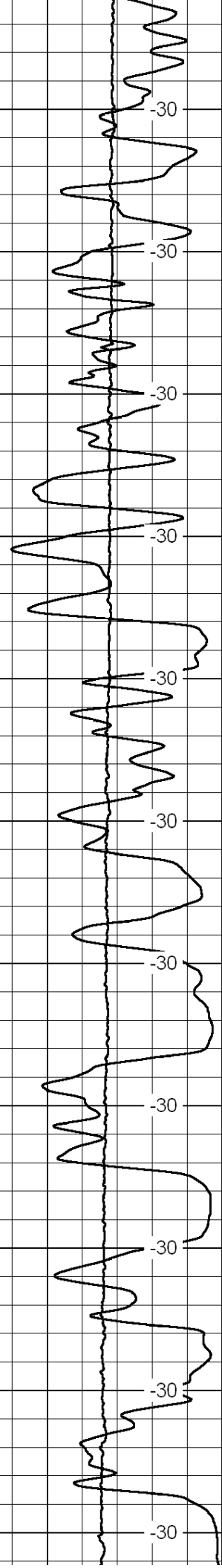
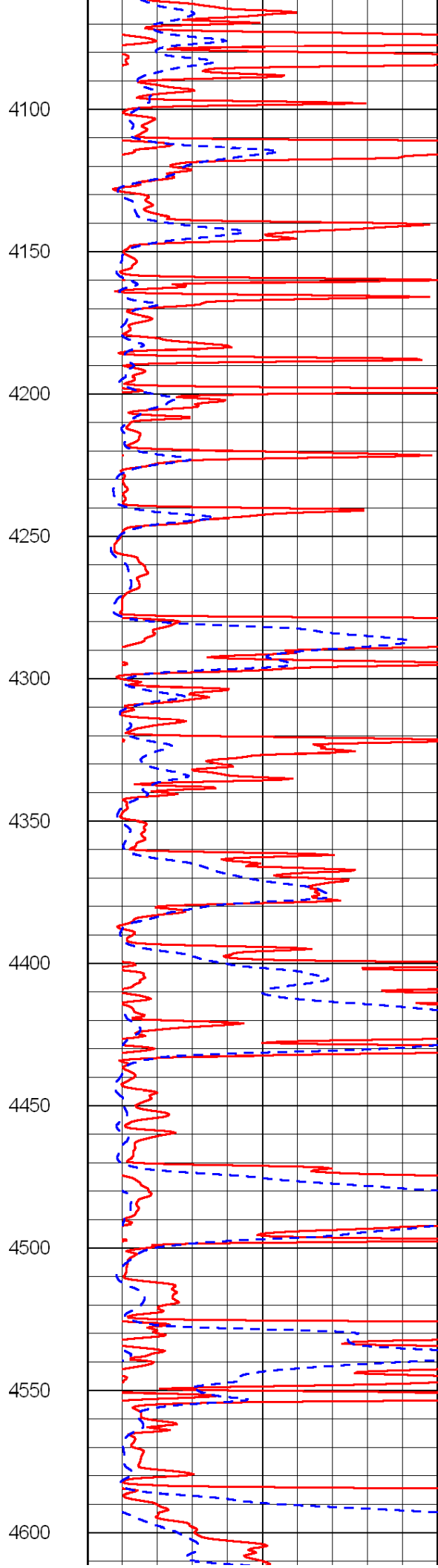
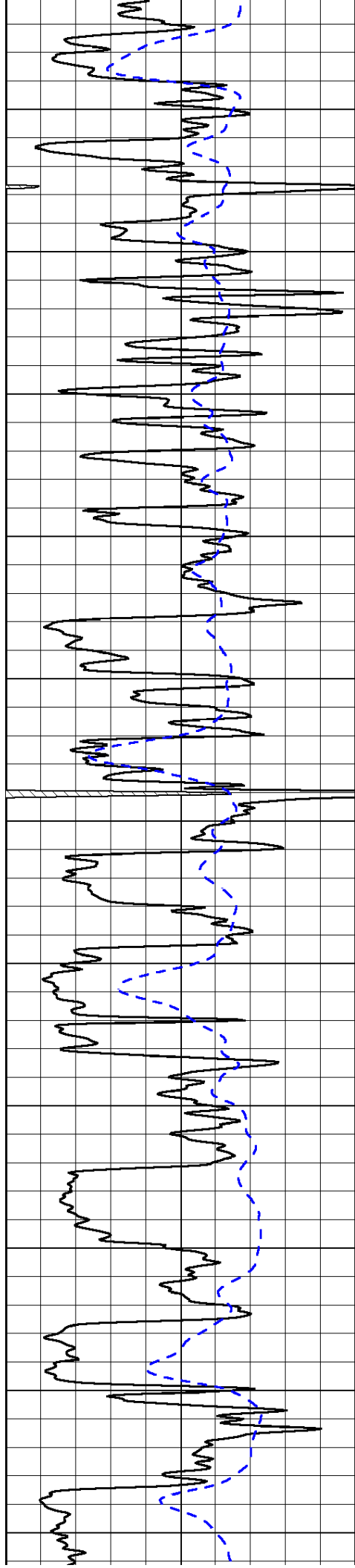


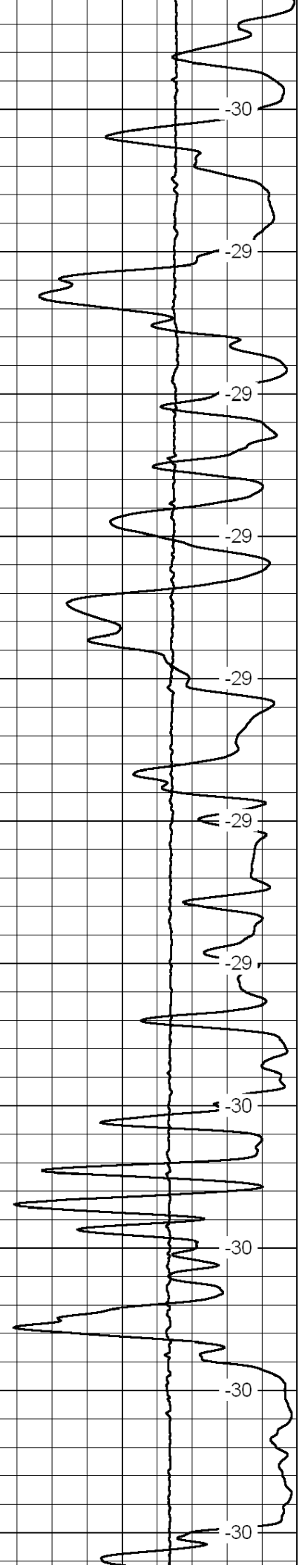
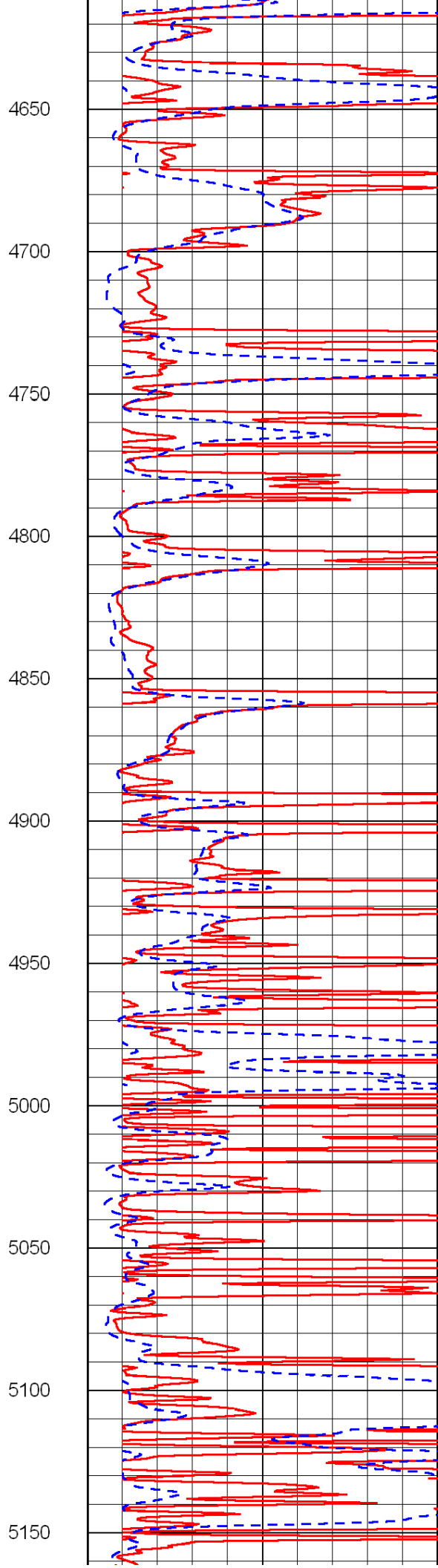
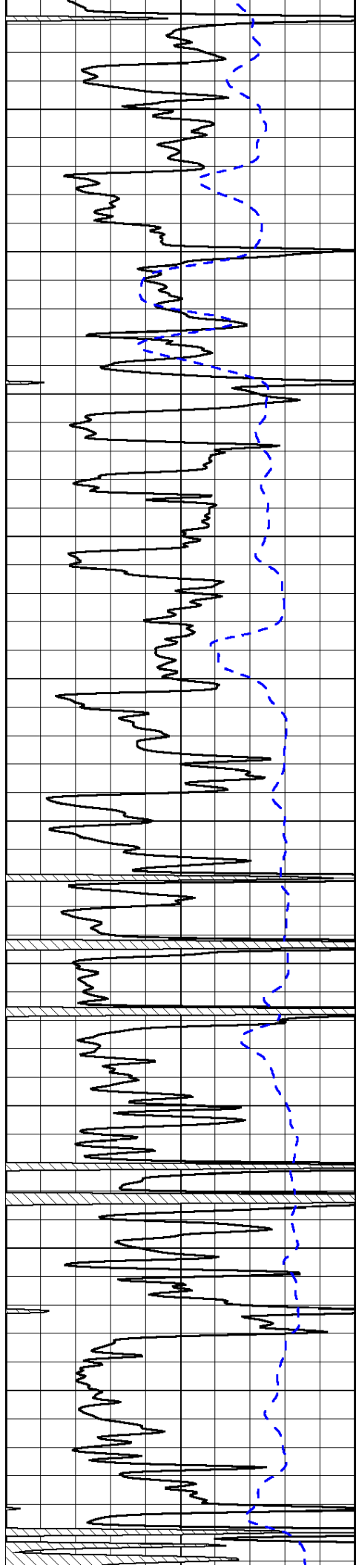


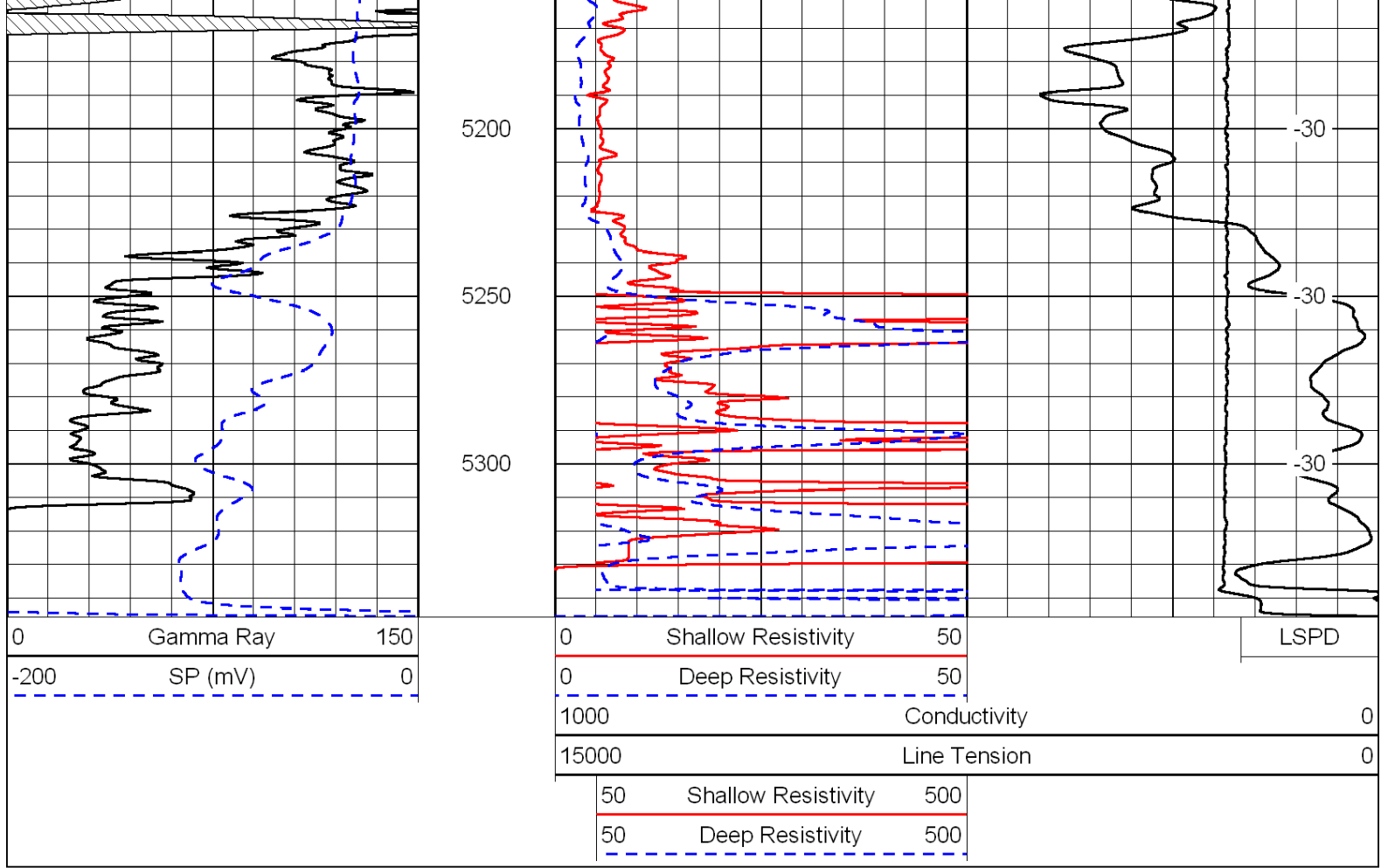




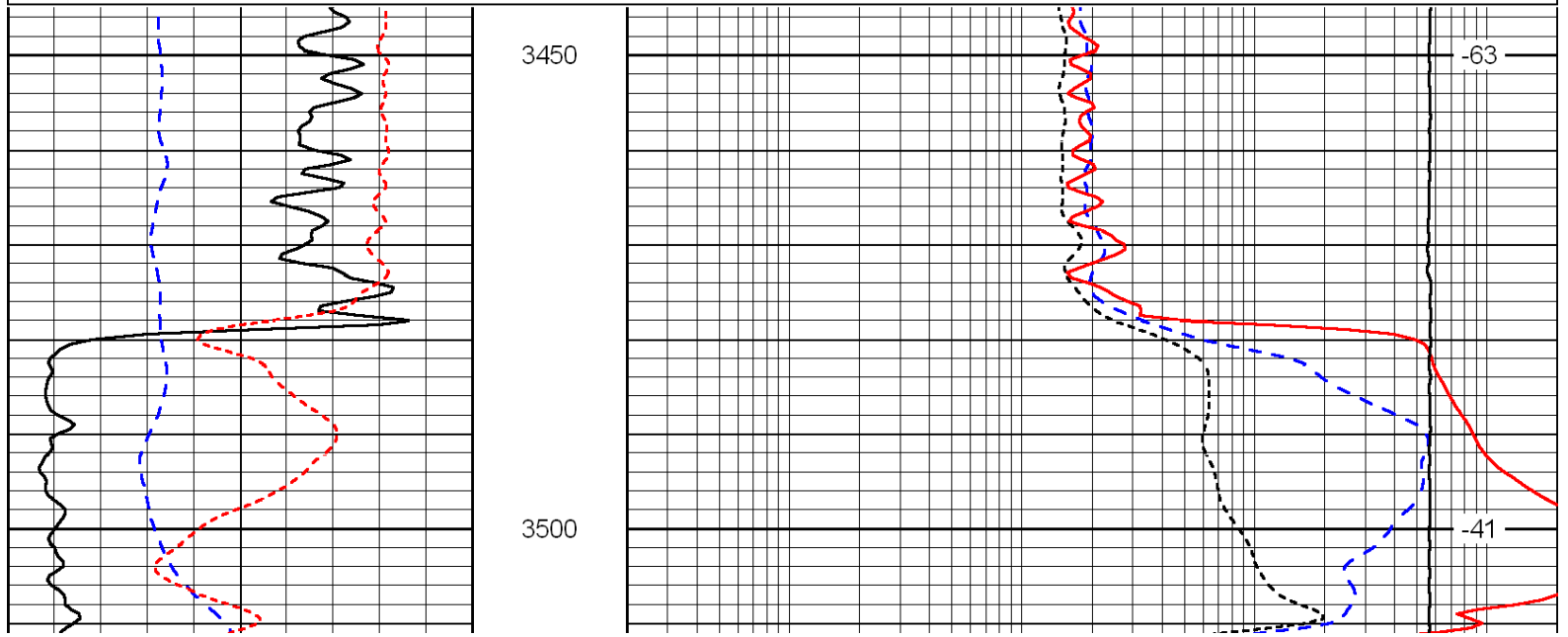
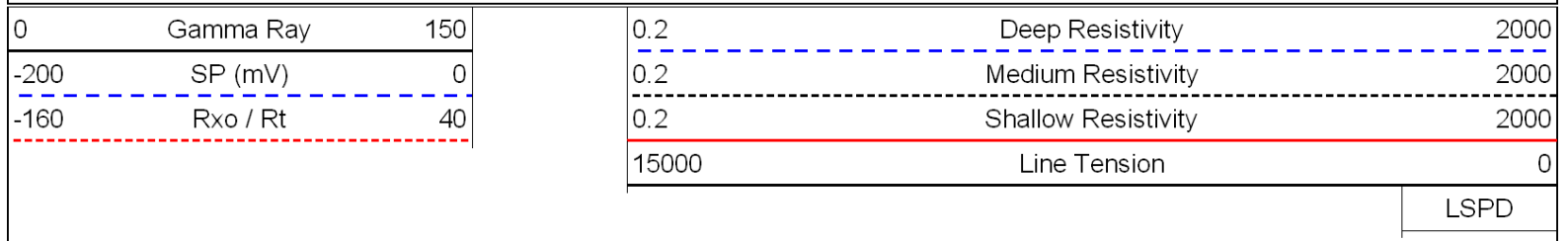


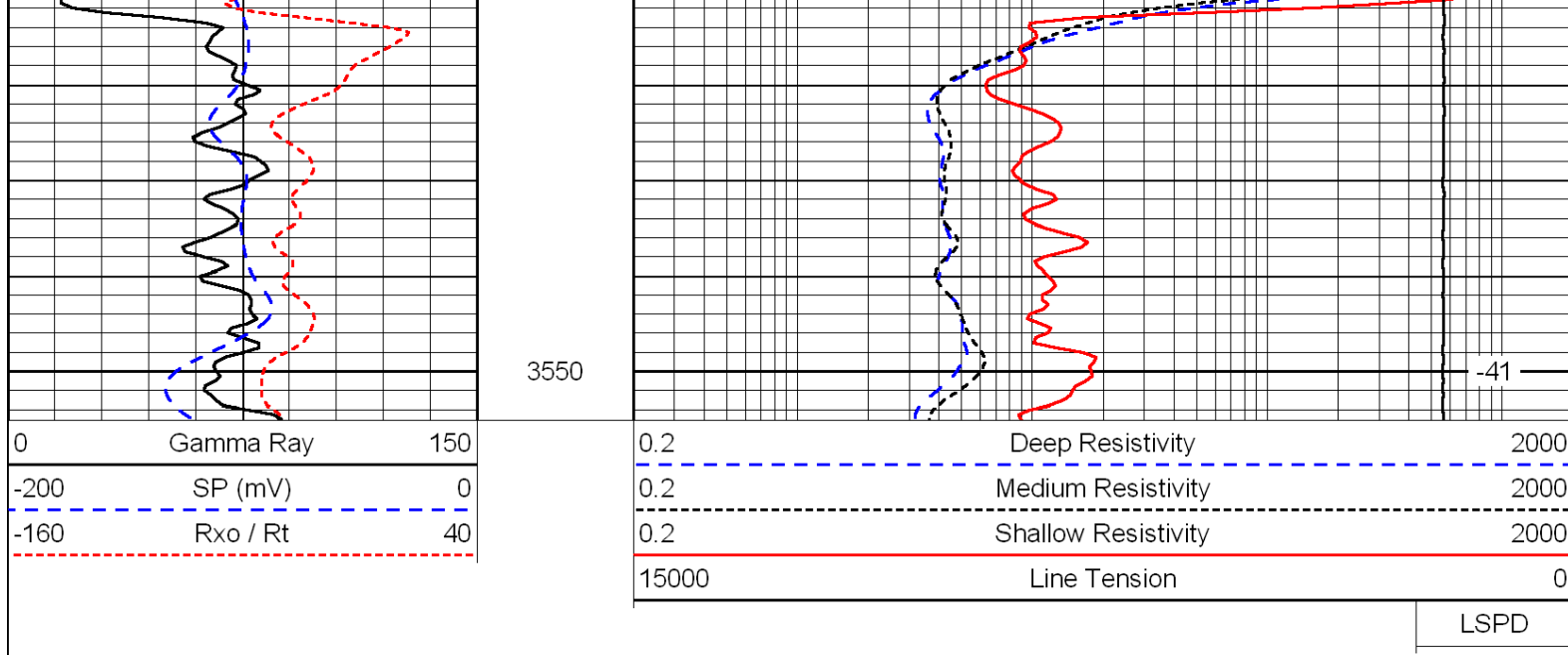




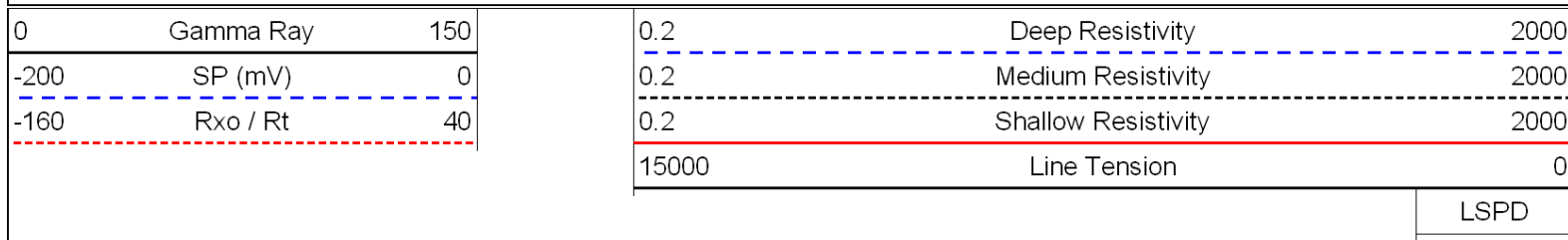


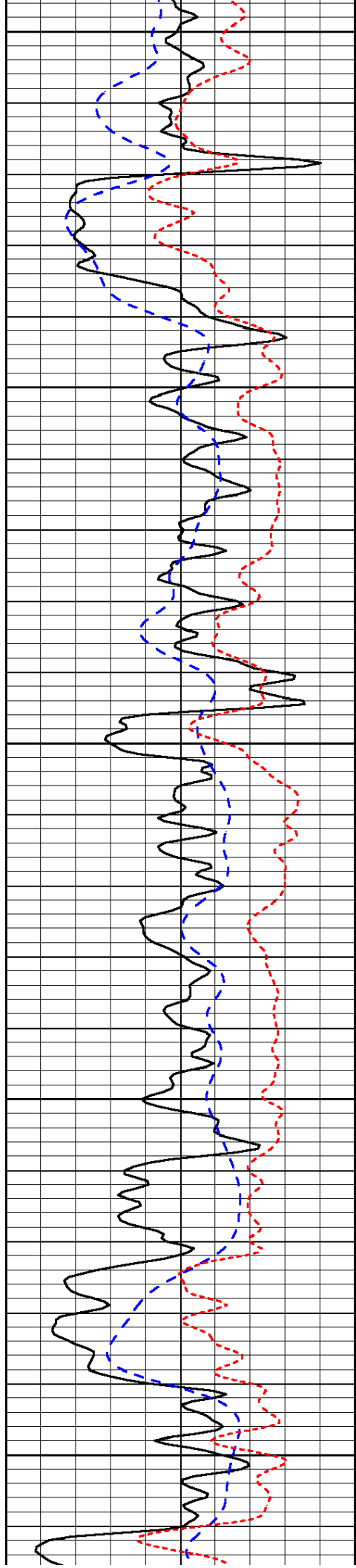
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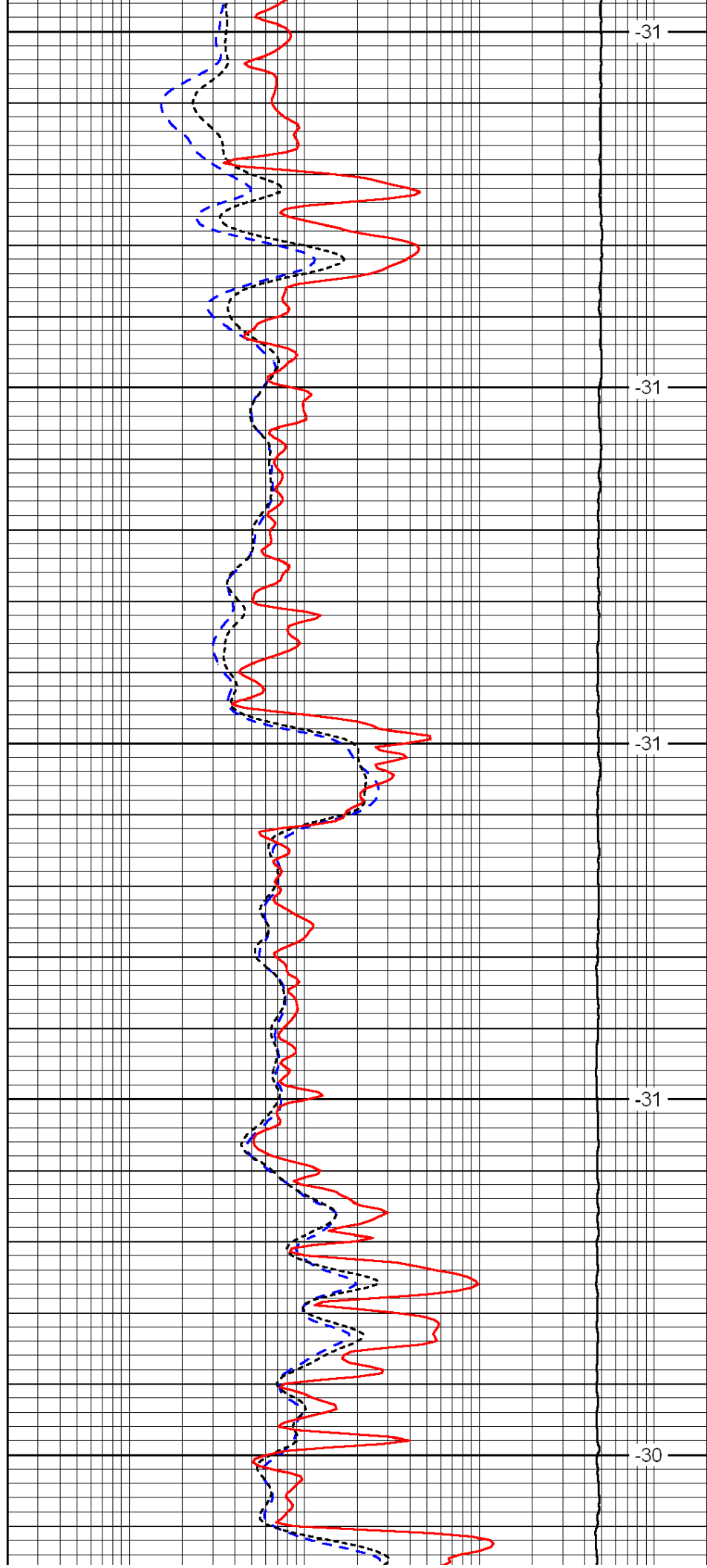
3900

3950

4000

4050

4100



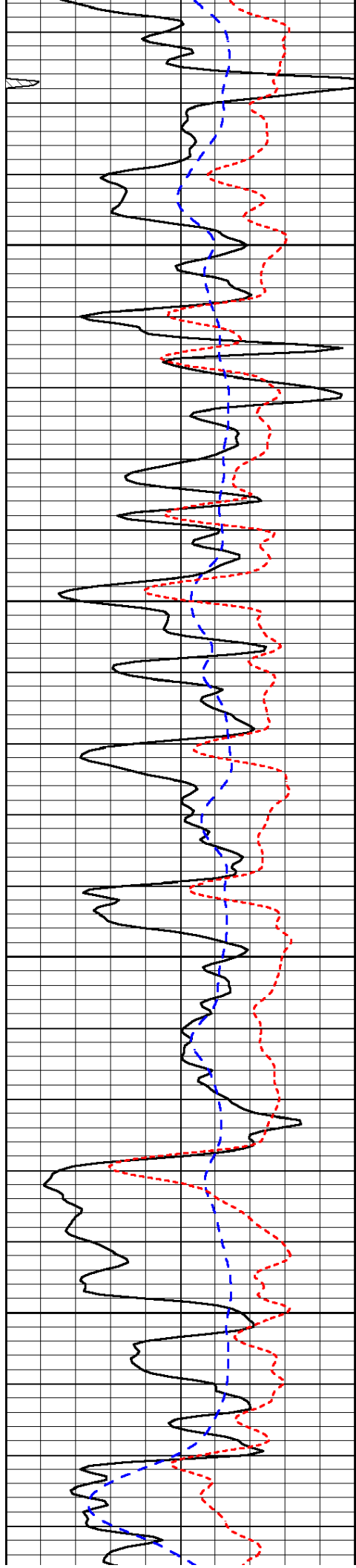
-31

-31

-31

-31

-30

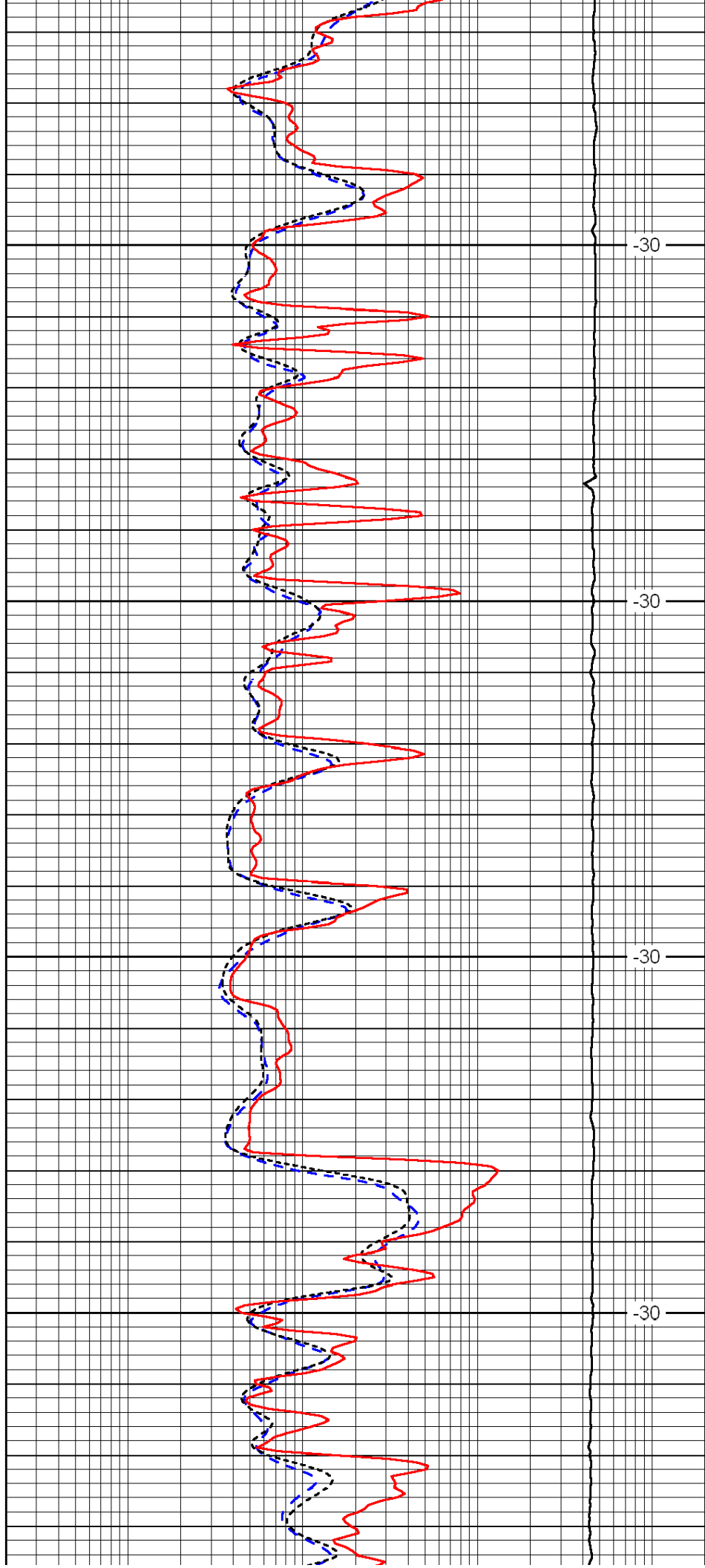


4150

4200

4250

4300

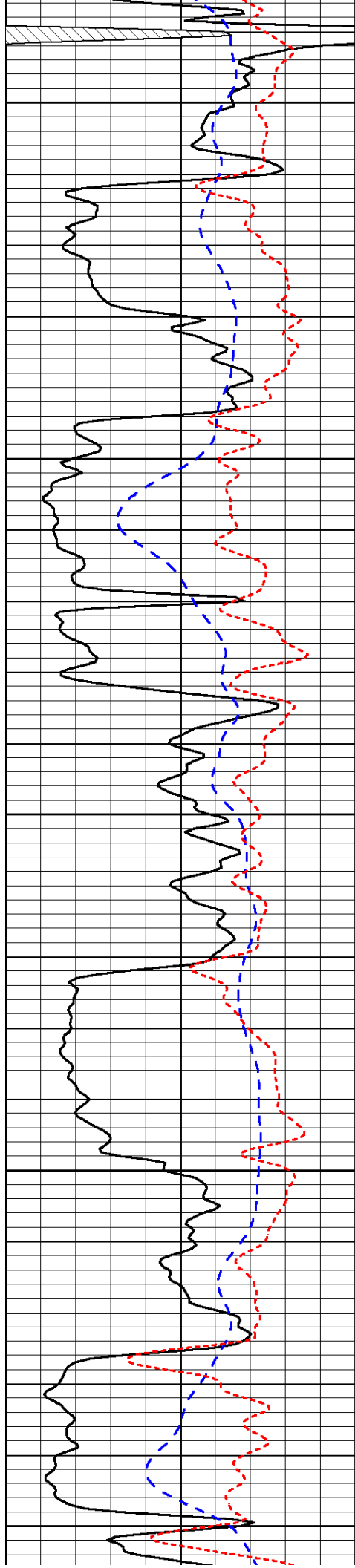


-30

-30

-30

-30



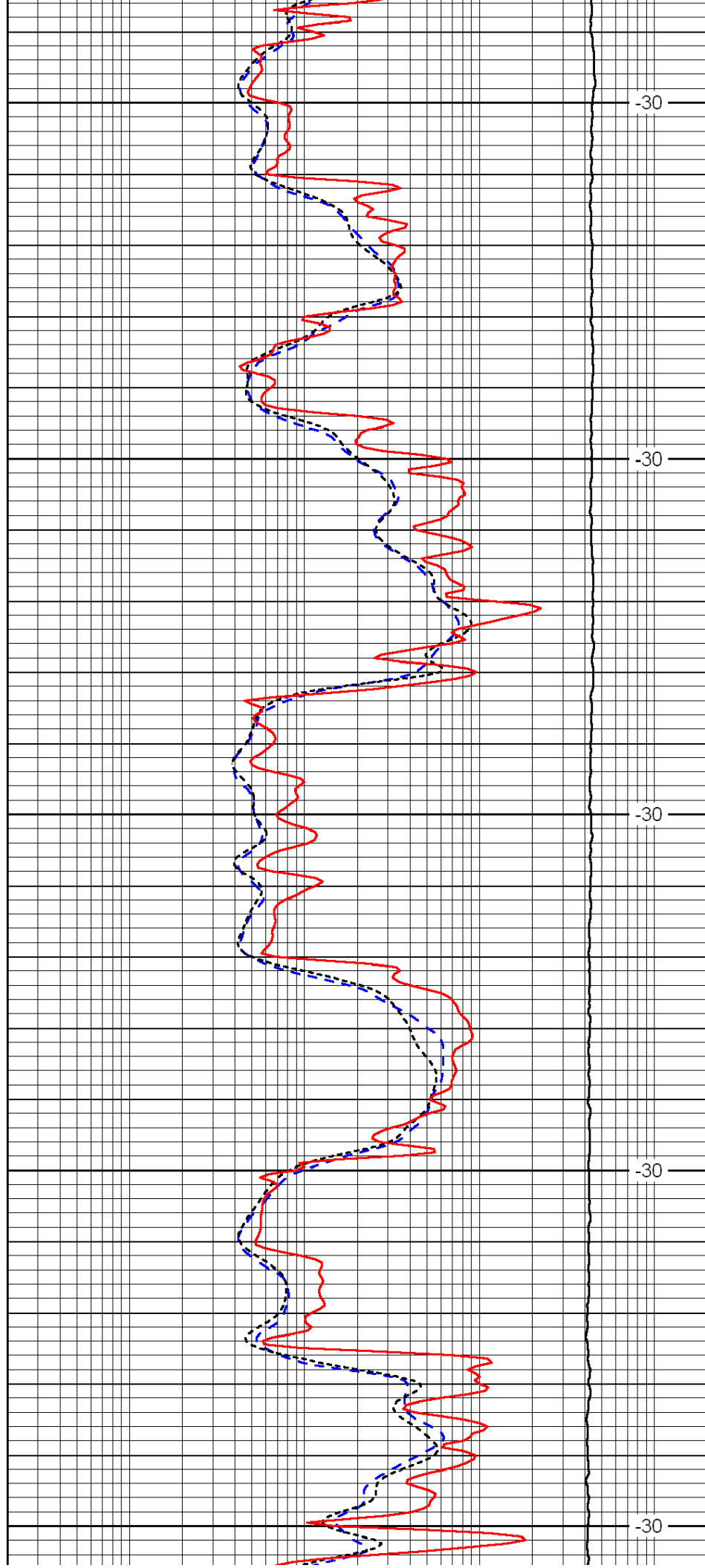
4350

4400

4450

4500

4550



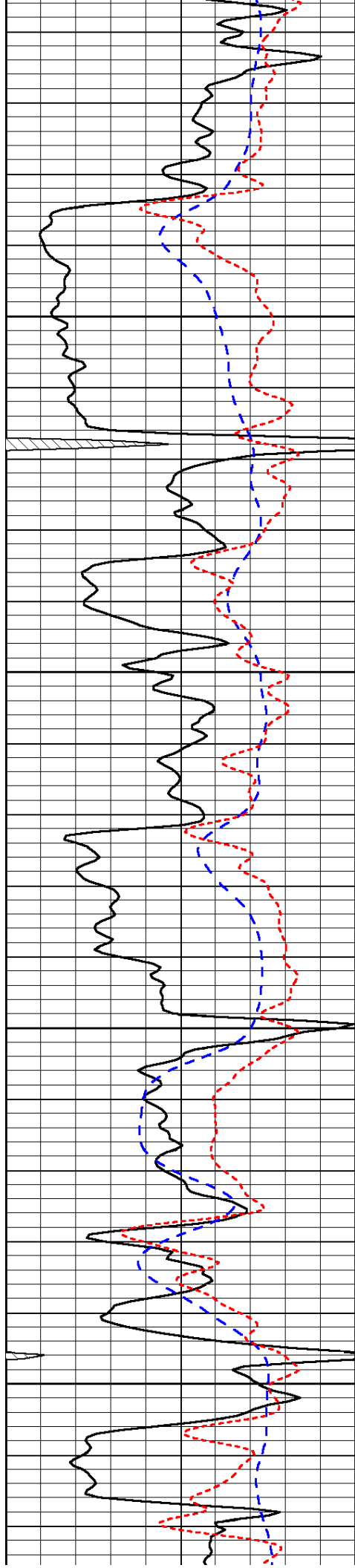
-30

-30

-30

-30

-30

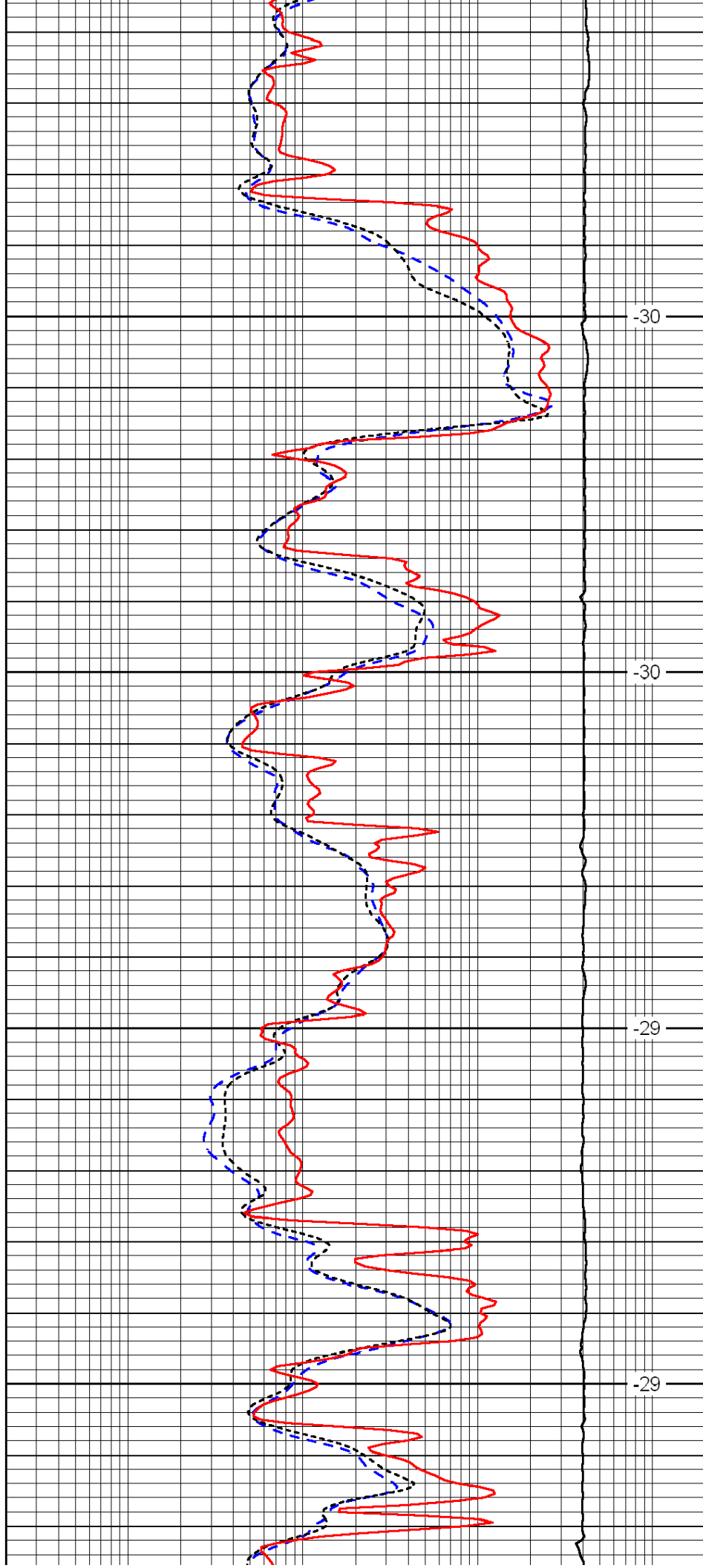


4600

4650

4700

4750

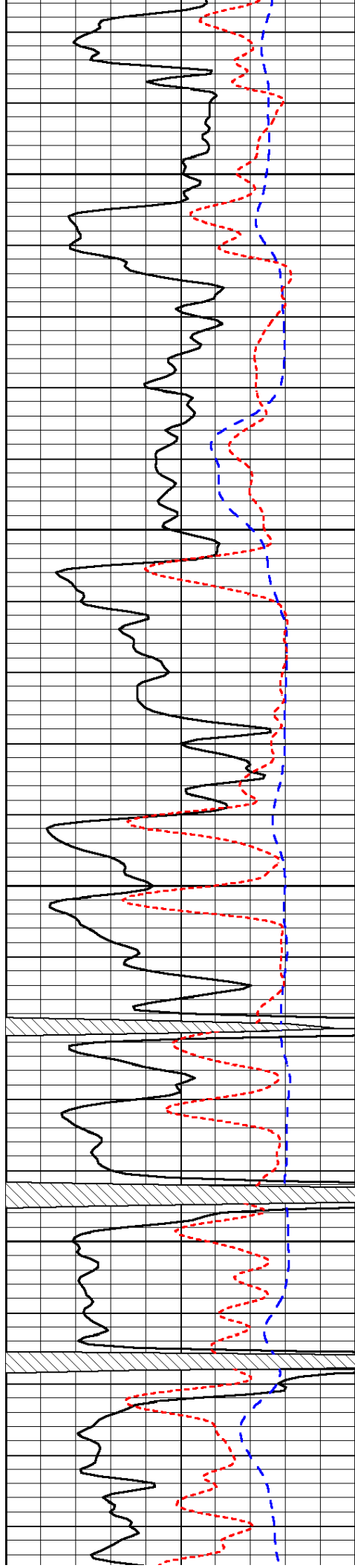


-30

-30

-29

-29

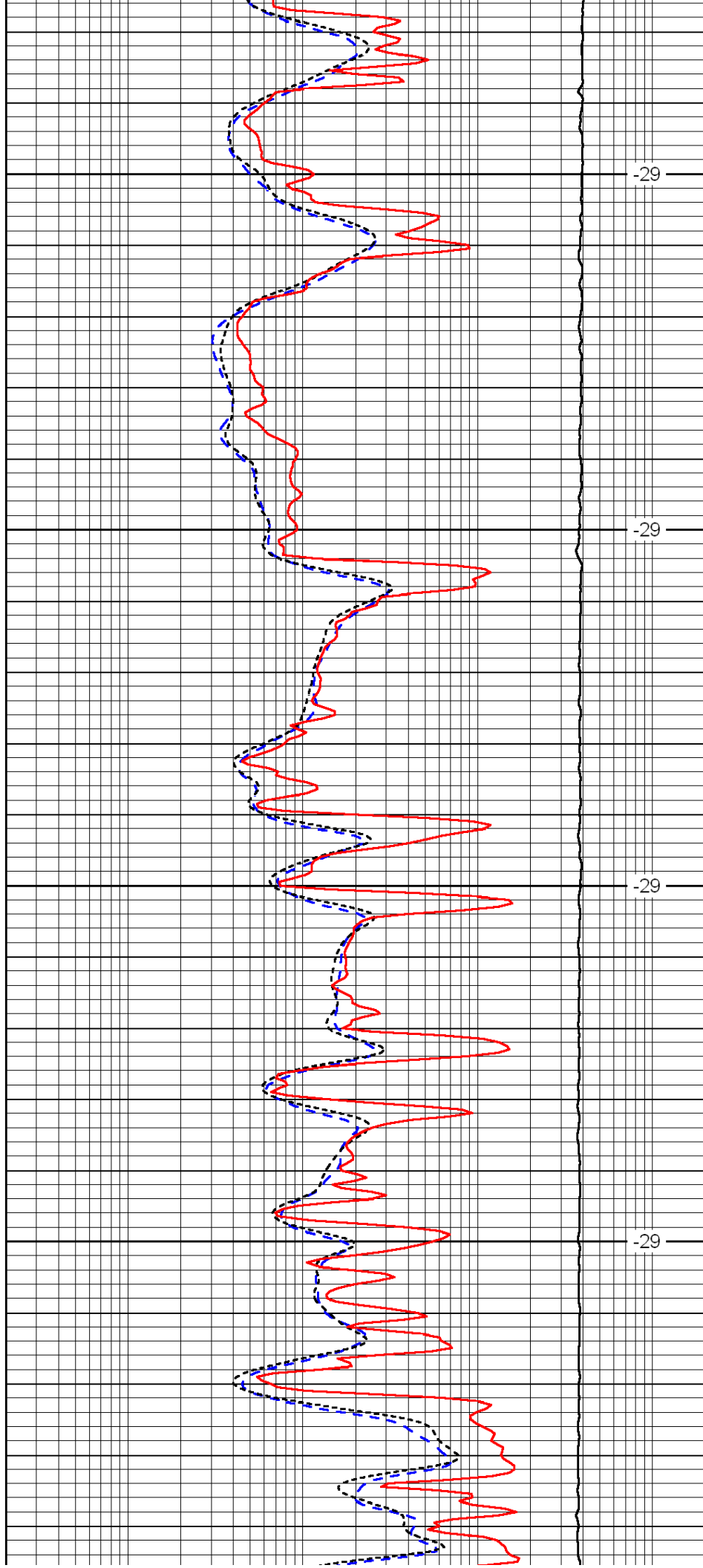


4800

4850

4900

4950

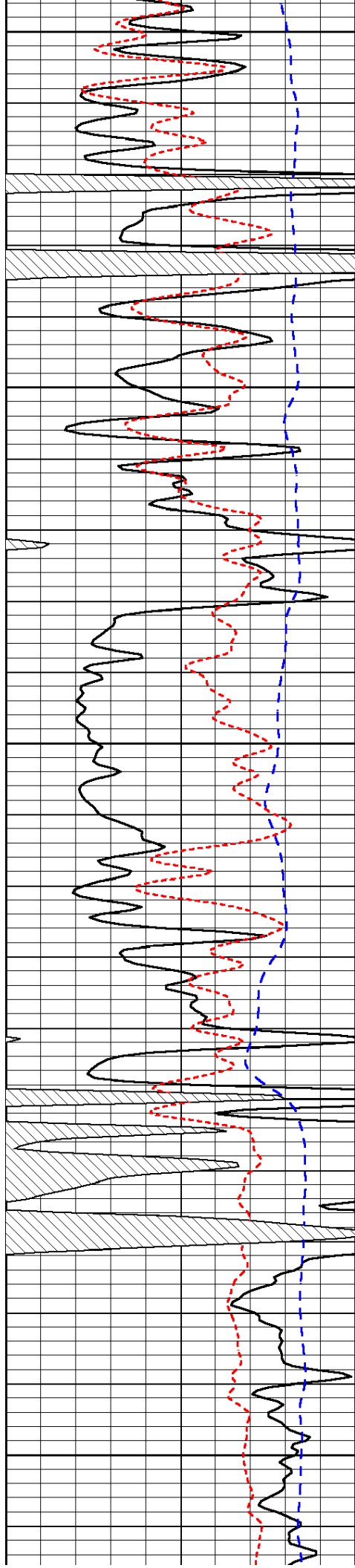


-29

-29

-29

-29



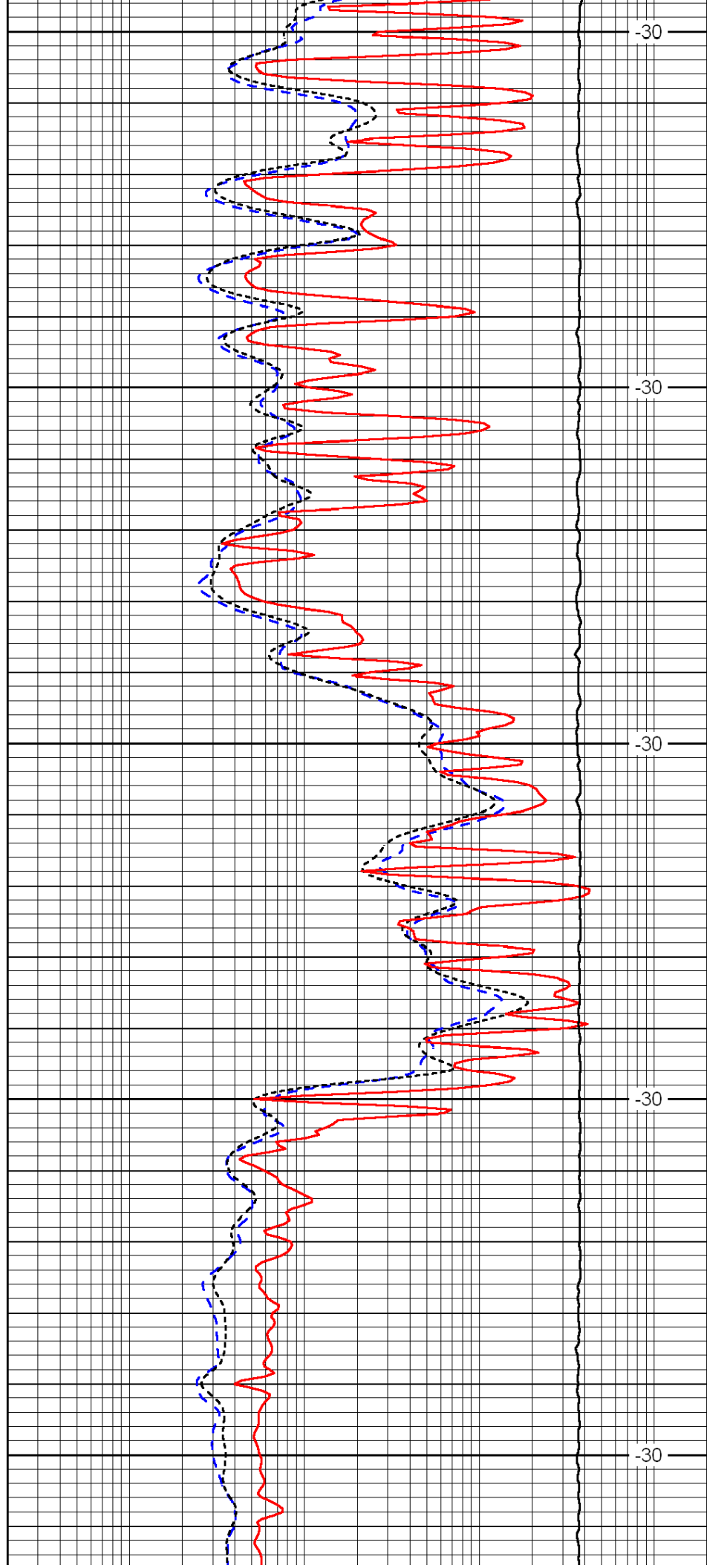
5000

5050

5100

5150

5200



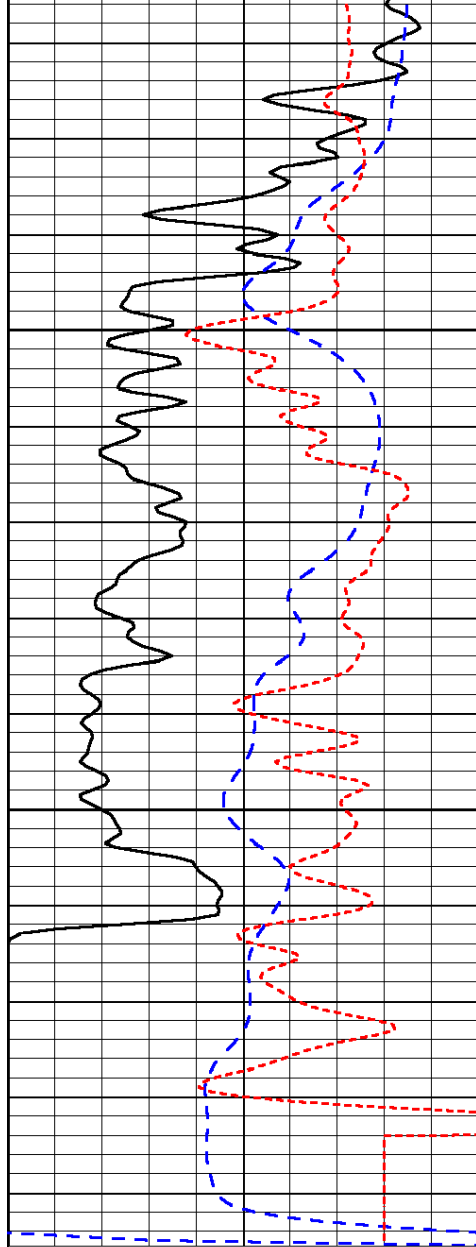
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-30

-30

-30

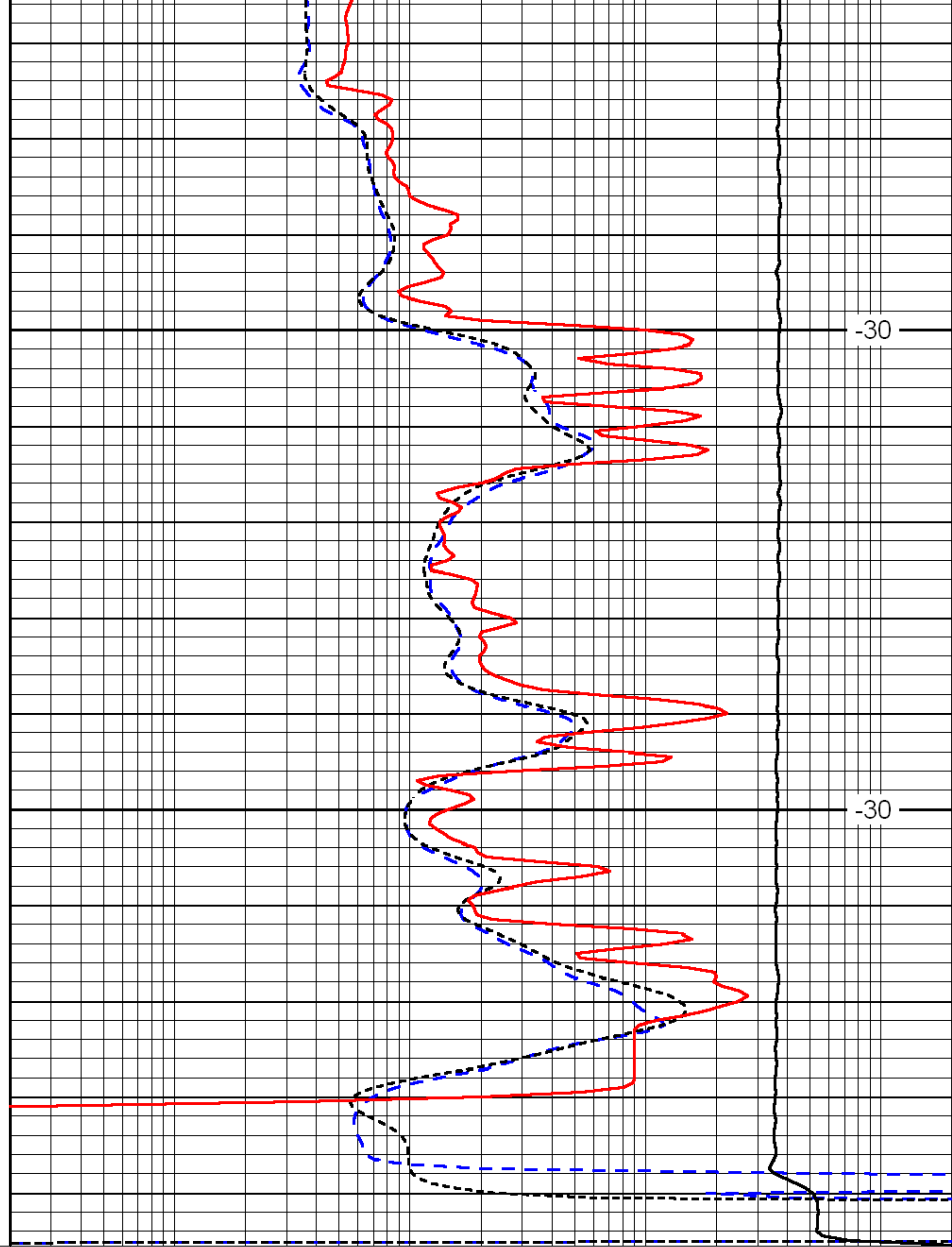
-30



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

5250

5300



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

LSPD