



Dual Induction Log

Pioneer Energy Services

API No.	Company Val Energy, Inc.				
	Well Pyle No. 5-3				
	Field Unnamed				
	County Barber	State	Kansas		
15-007-23,937-00-00	Location	SW NE SW 1650' FSL & 1650' FWL		Other Services CNL/CDL MEL	
	Sec: 3	Twp: 33 S	Rge: 12 W	Elevation	
	Permanent Datum	Ground Level	Elevation 1488	K.B. 1498	
Log Measured From	Kelly Bushing	10 Ft. Above Perm. Datum	D.F. 1488		
Drilling Measured From	Kelly Bushing	G.L. 1488			
Date	9/19/2012				
Run Number	One				
Depth Driller	4850				
Depth Logger	4857				
Bottom Logged Interval	4856				
Top Log Interval	200				
Casing Driller	8.625 @ 223				
Casing Logger	228				
Bit Size	7.875				
Type Fluid in Hole	Chemical				
Salinity, ppm CL	5000				
Density / Viscosity	9.4	52			
pH / Fluid Loss	11.0	9.6			
Source of Sample	Flowline				
Rm @ Meas. Temp	.45 @ 70				
Rmf @ Meas. Temp	.34 @ 70				
Rmc @ Meas. Temp	.61 @ 70				
Source of Rmf / Rmc	Charts				
Rm @ BHT	.25 @ 125				
Operating Rig Time	3 1/2 Hours				
Max Rec. Temp. F	125				
Equipment Number	15				
Location	Hays				
Recorded By	D.Kerr				
Witnessed By	Zeb Stewart				

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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

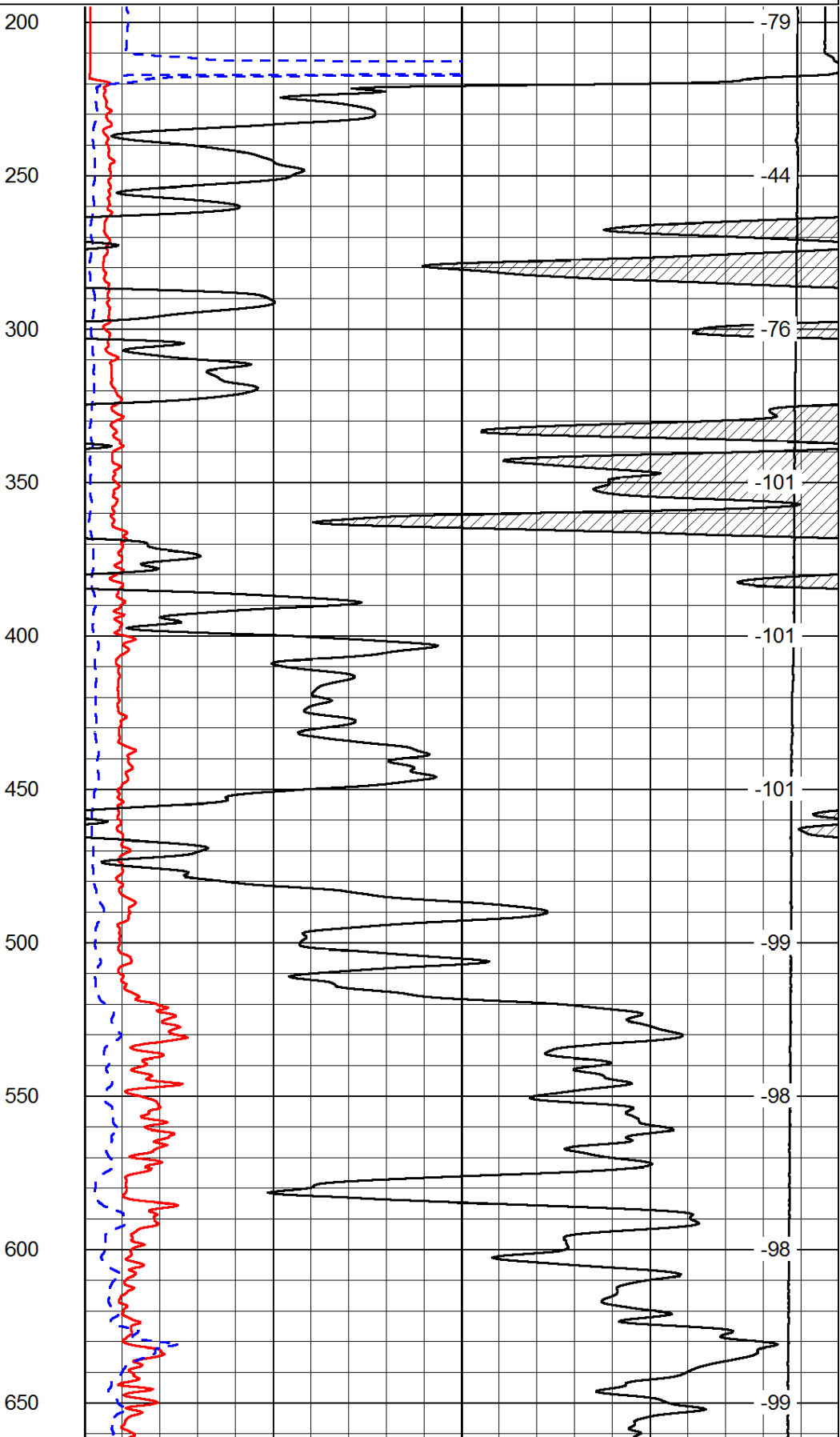
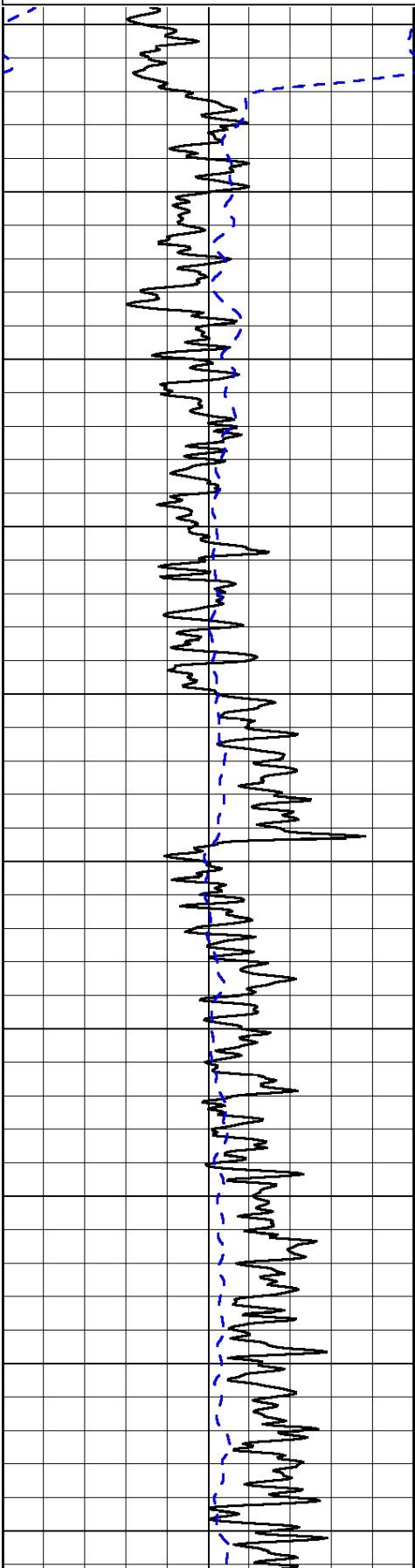
Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858

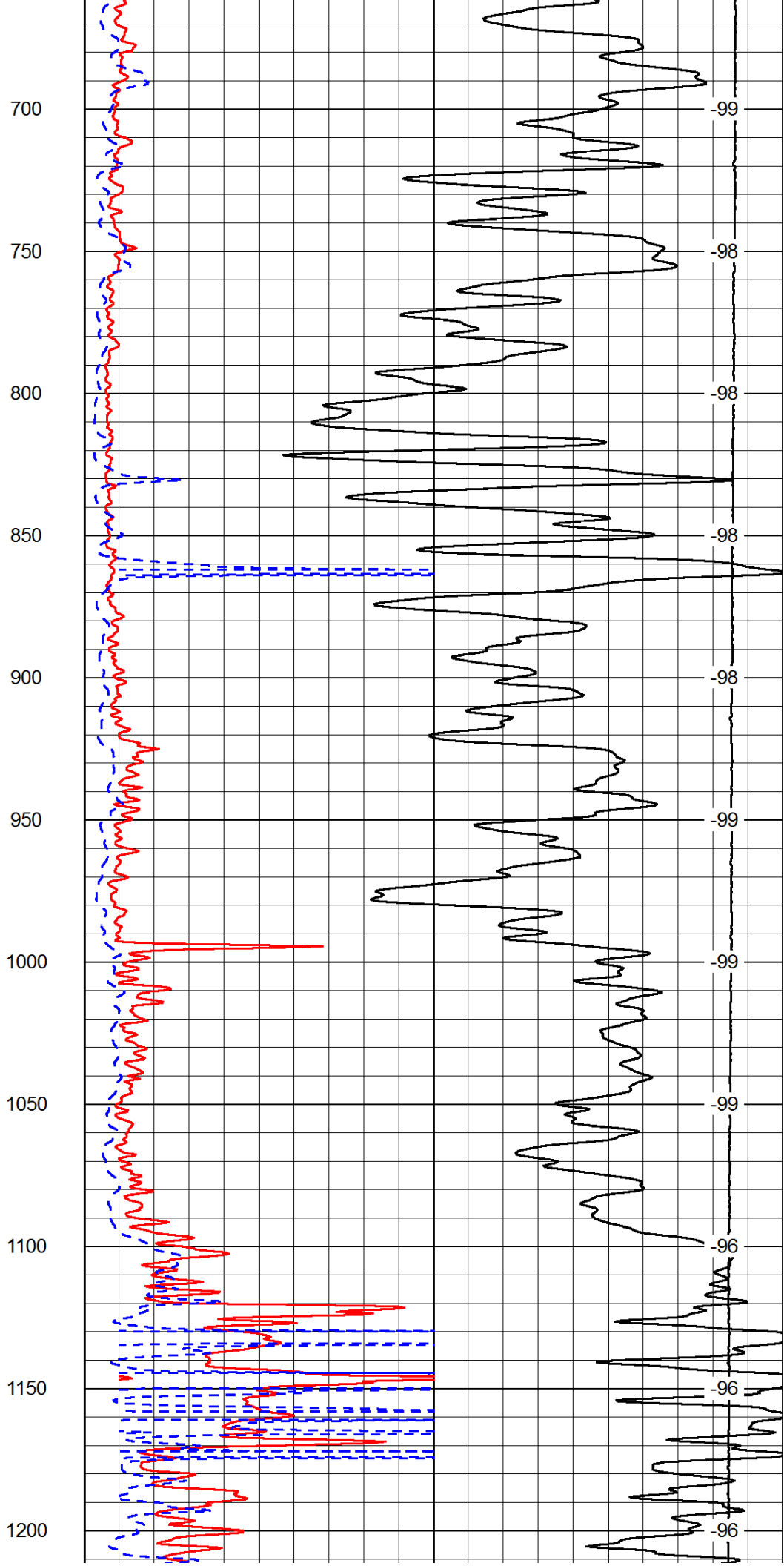
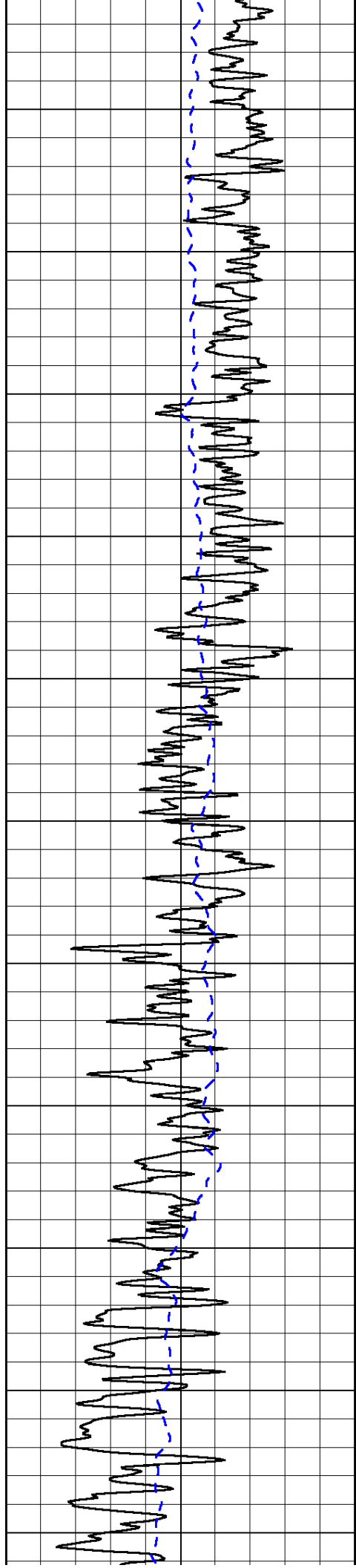
Medicine Lodge KS, South to Sumac RD,
1 3/4 West, 1/4 NorthEast, South Into

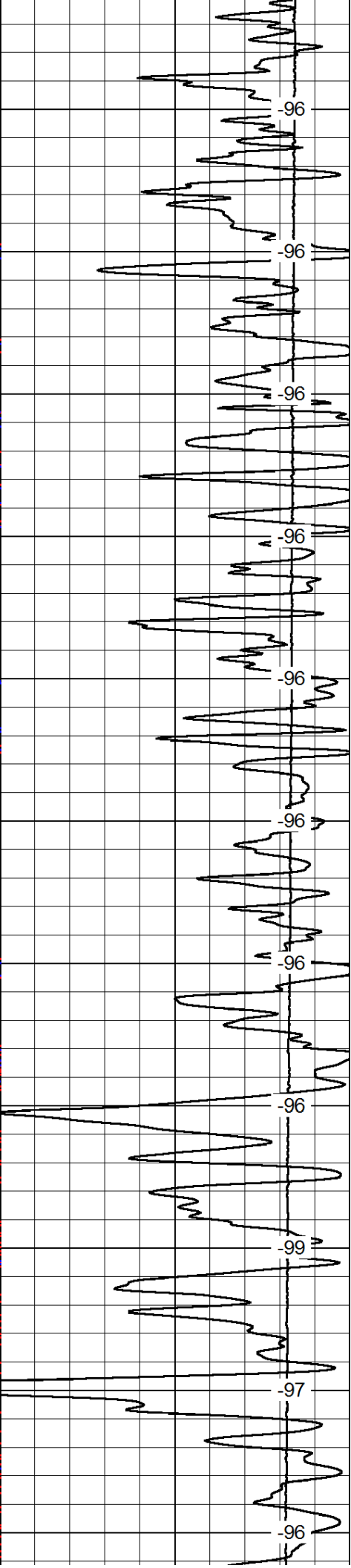
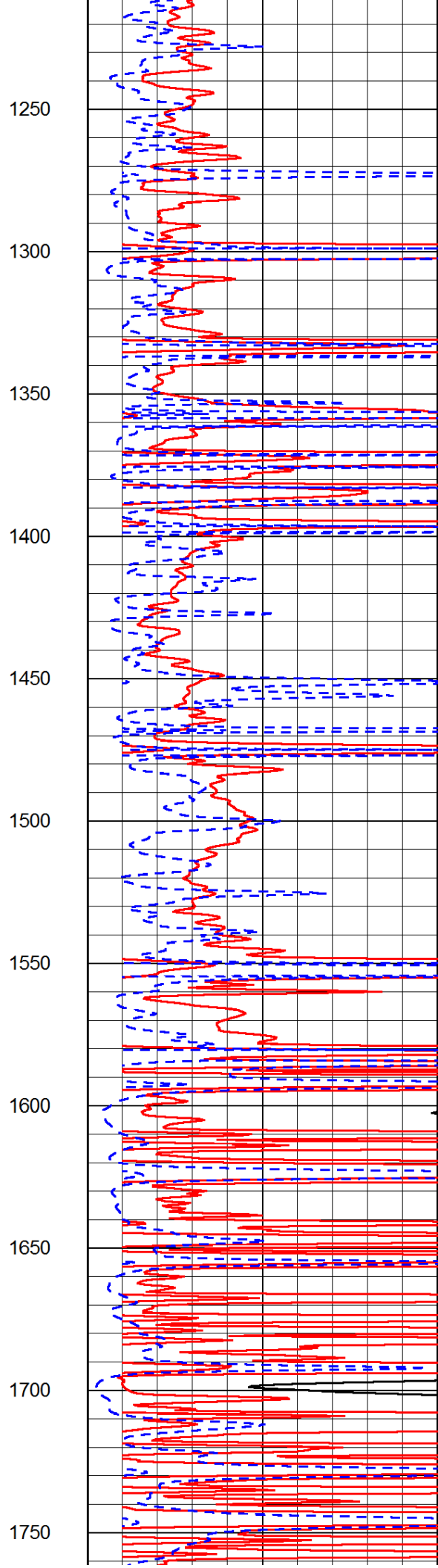
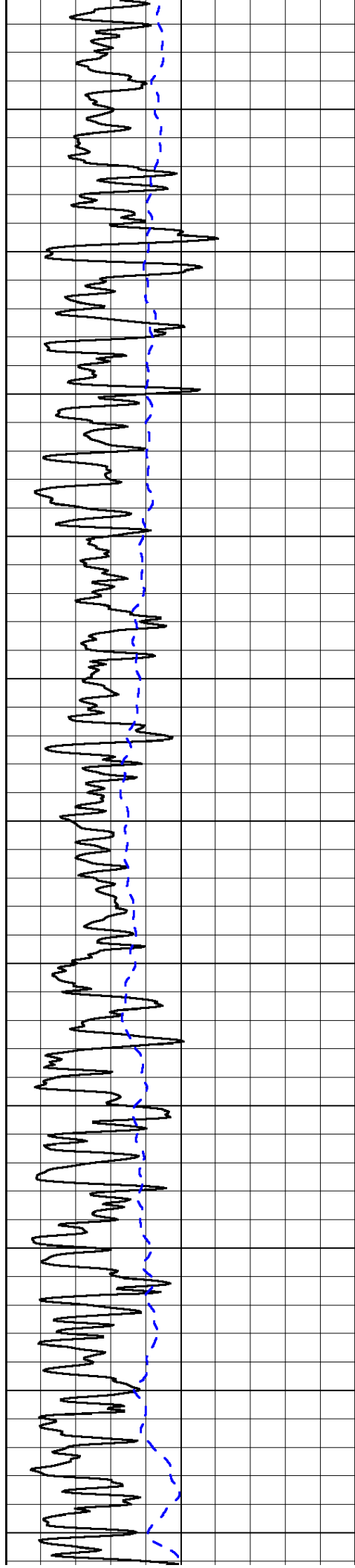
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Dataset Creation: Wed Sep 19 13:59:44 2012
Charted by: Depth in Feet scaled 1:600

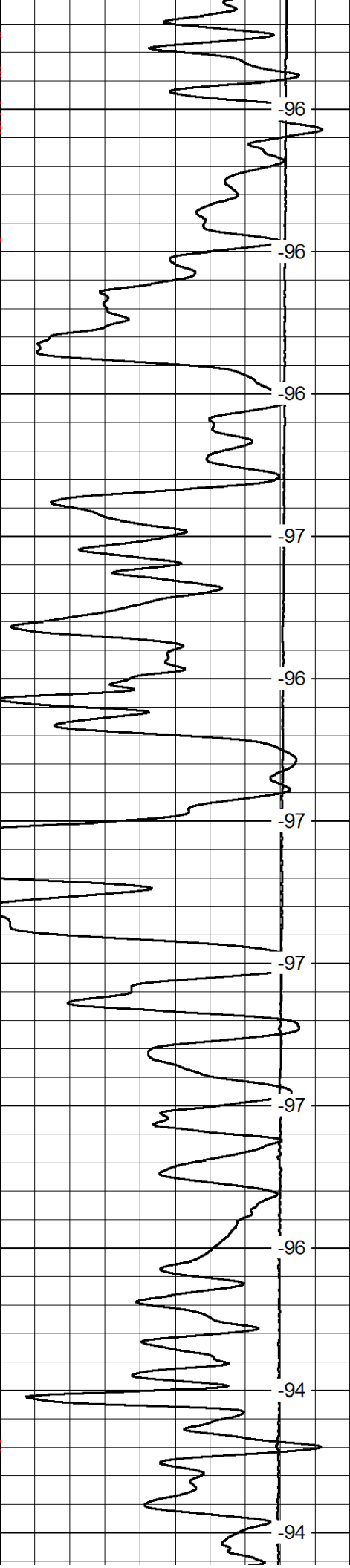
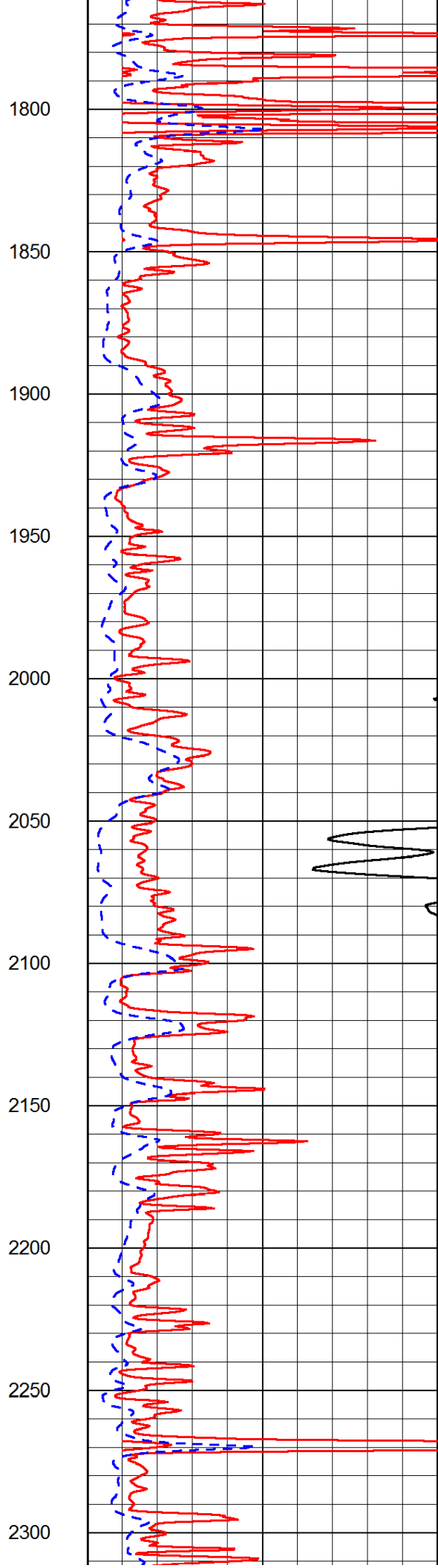
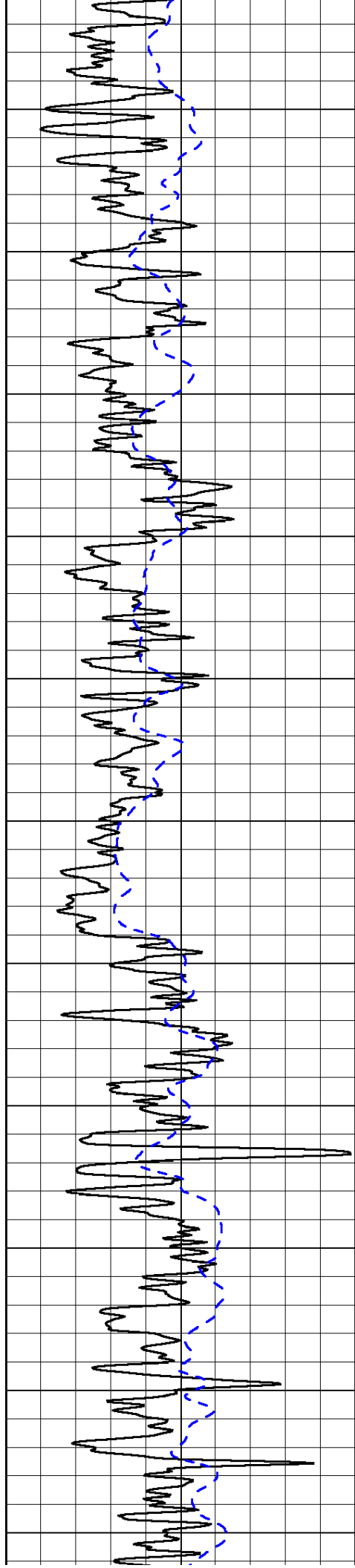
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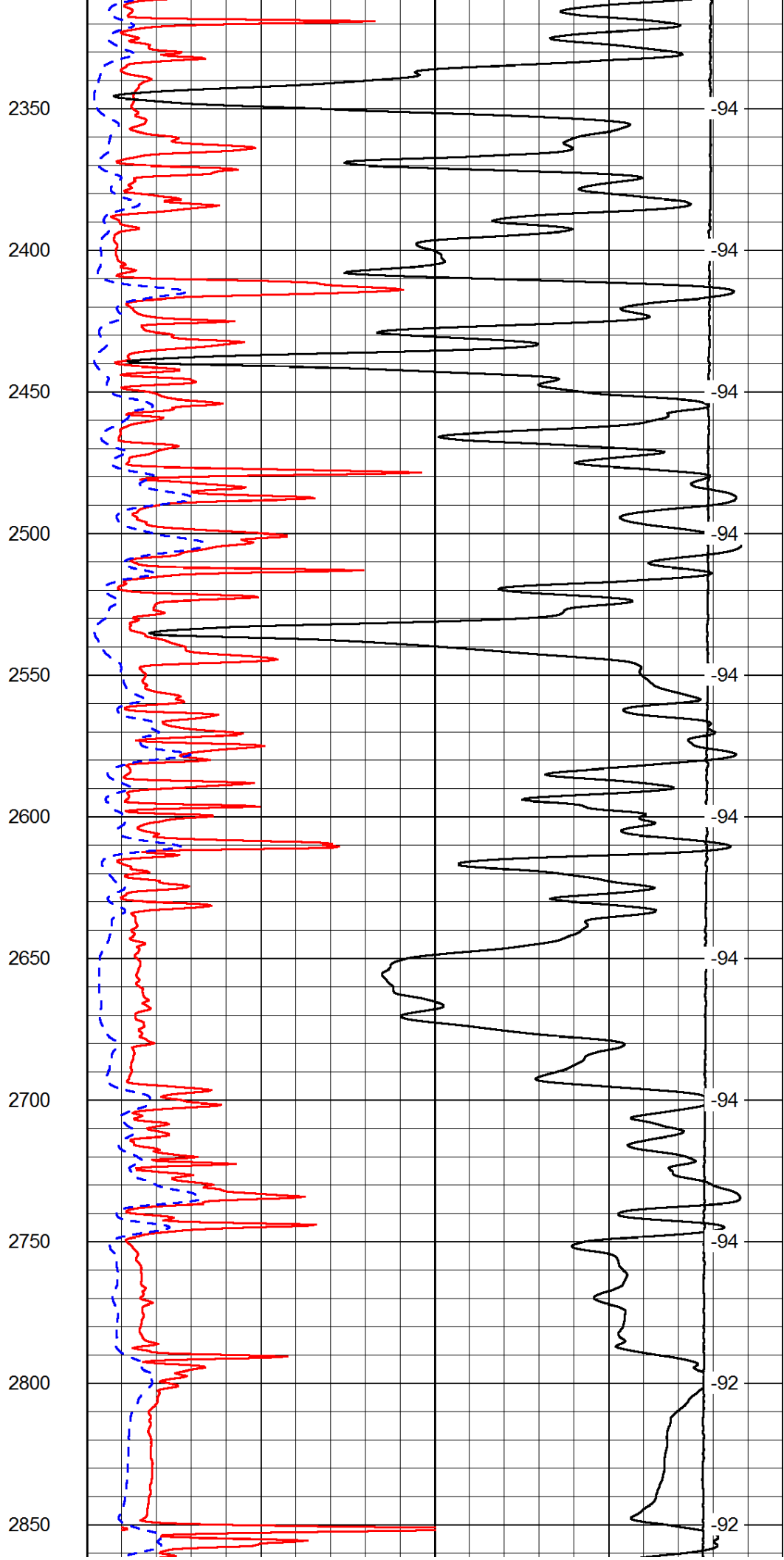
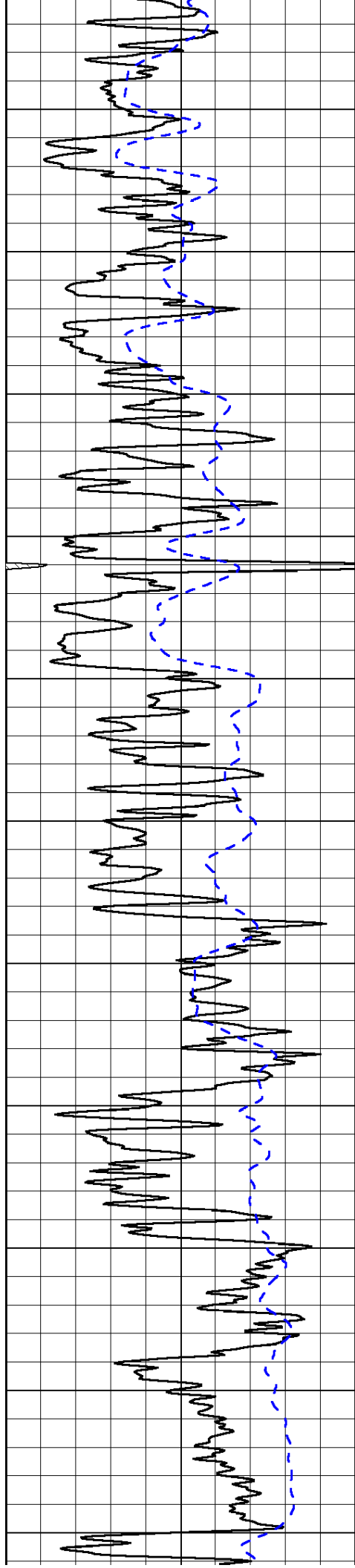
0 Shallow Resistivity 50			LSPD
0 Deep Resistivity 50			
1000 Conductivity			0
15000 Line Tension			0
50	Shallow Resistivity	500	
50	Deep Resistivity	500	

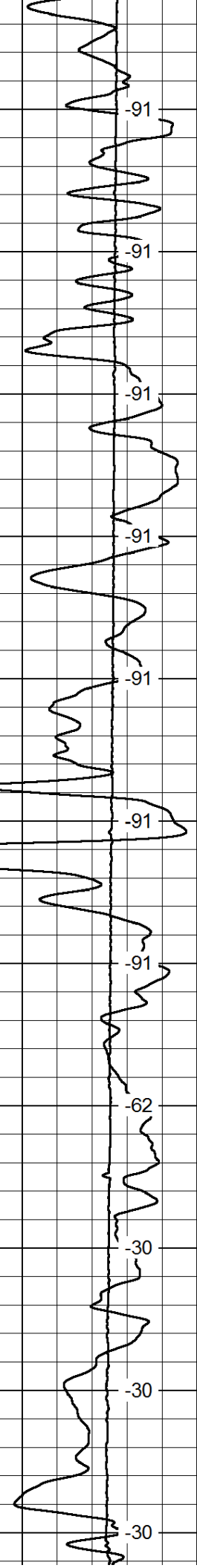
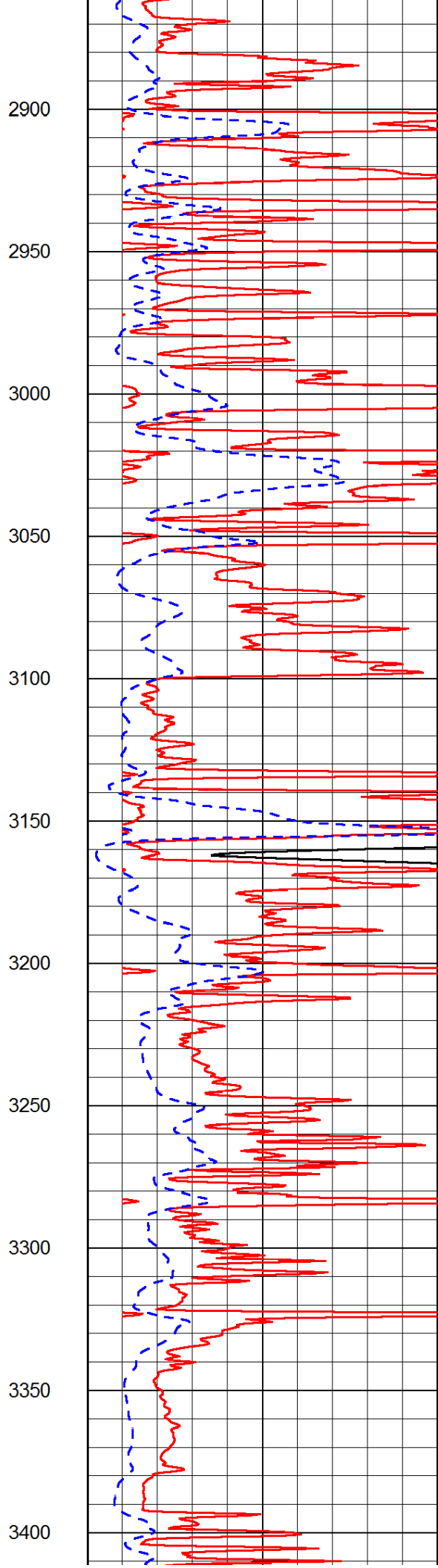
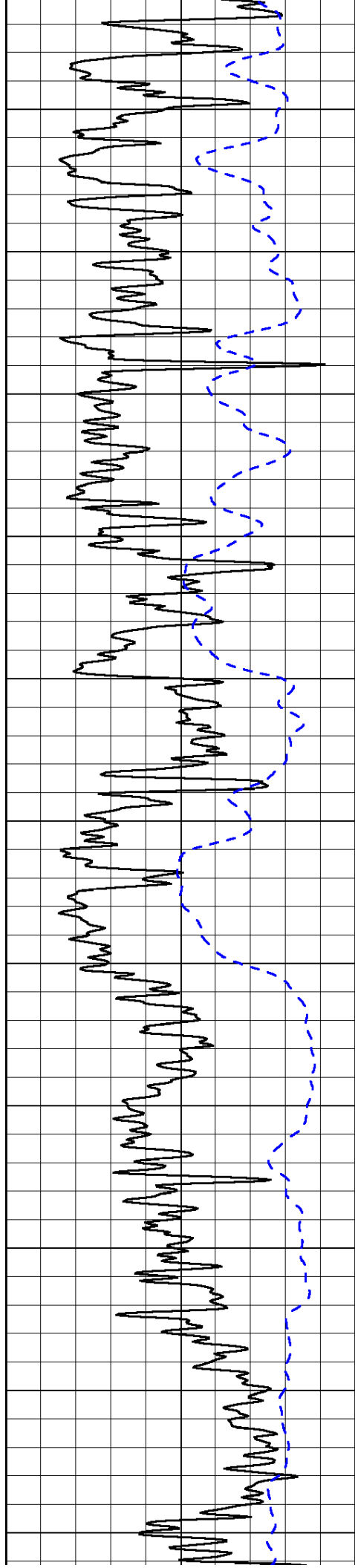


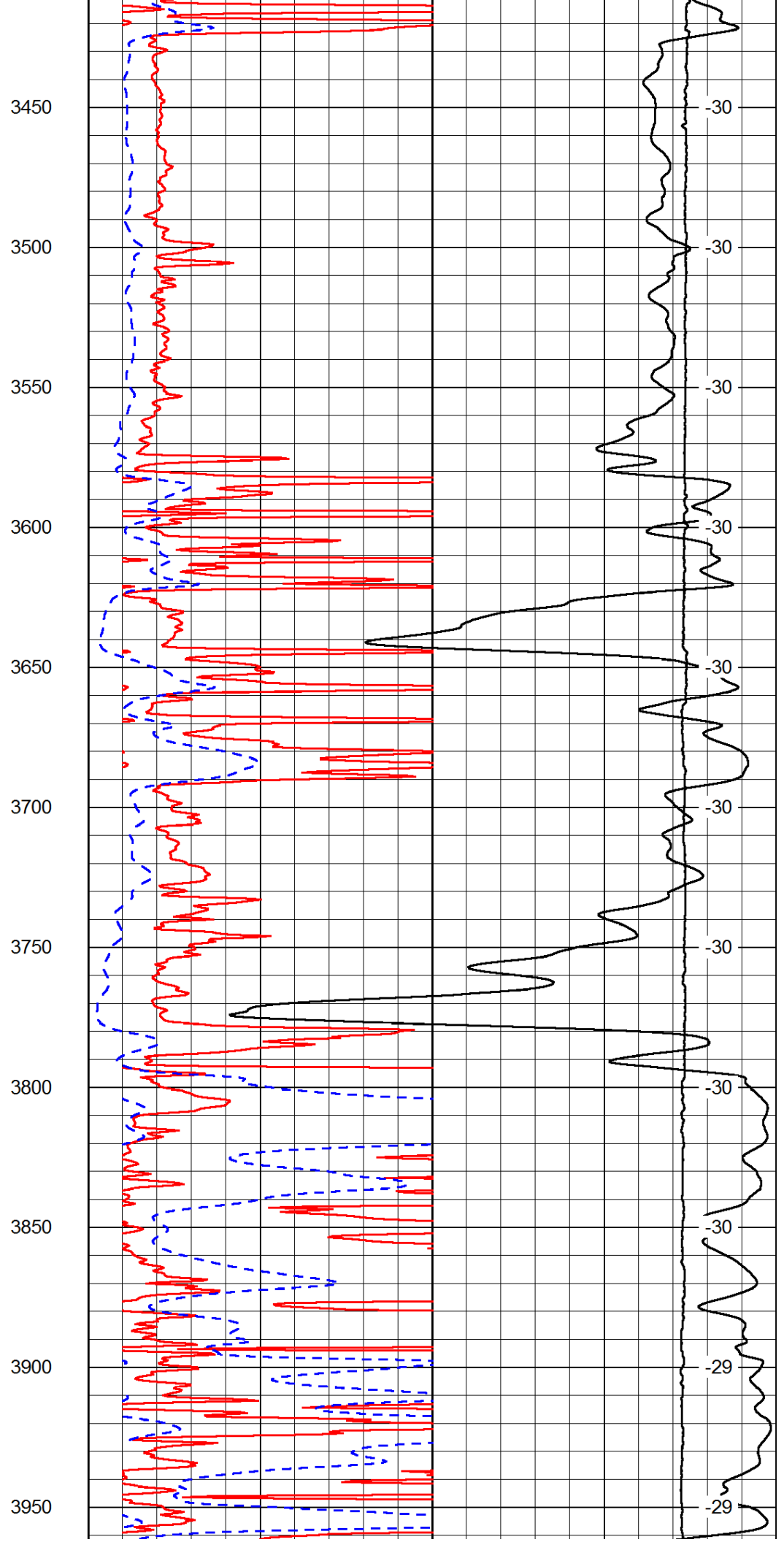
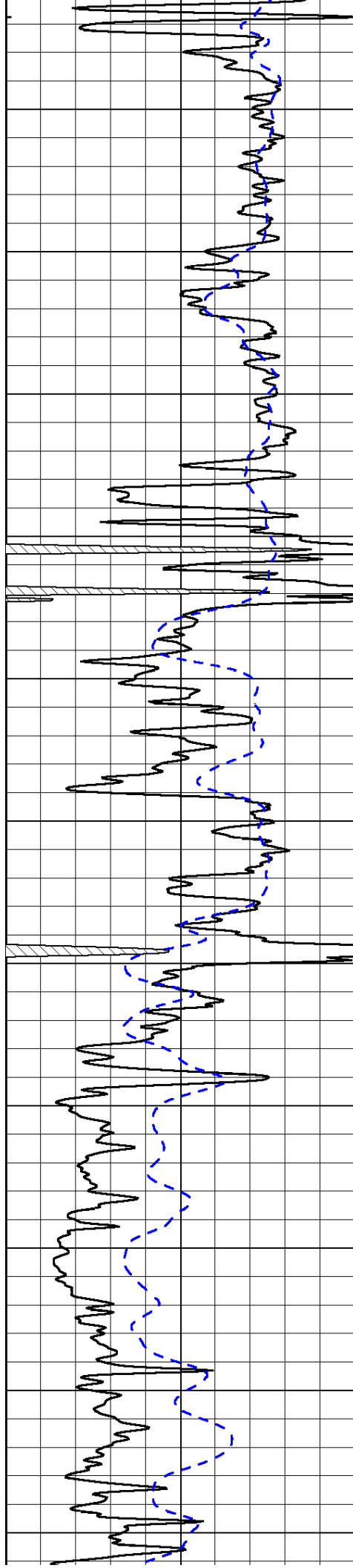


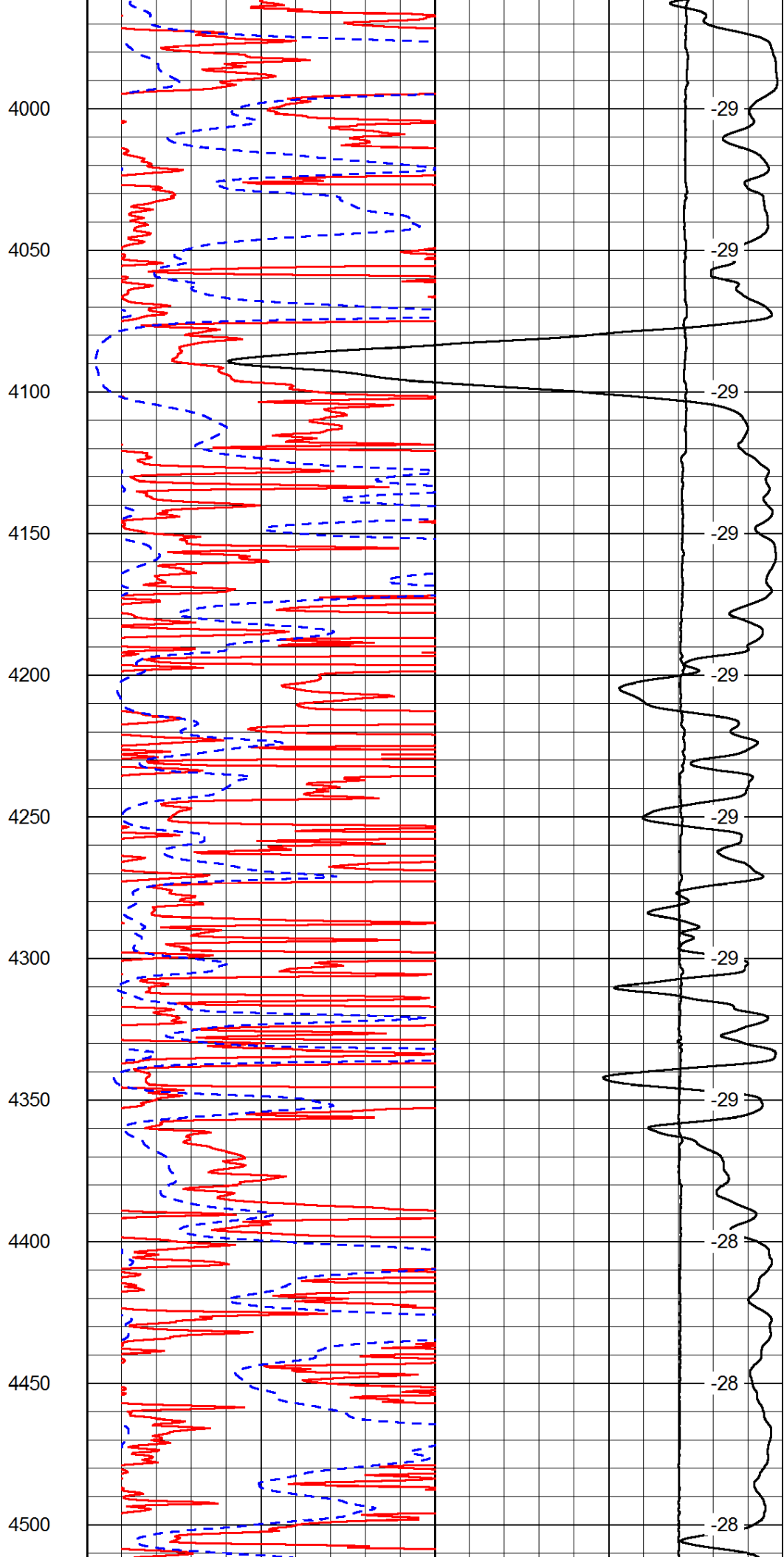
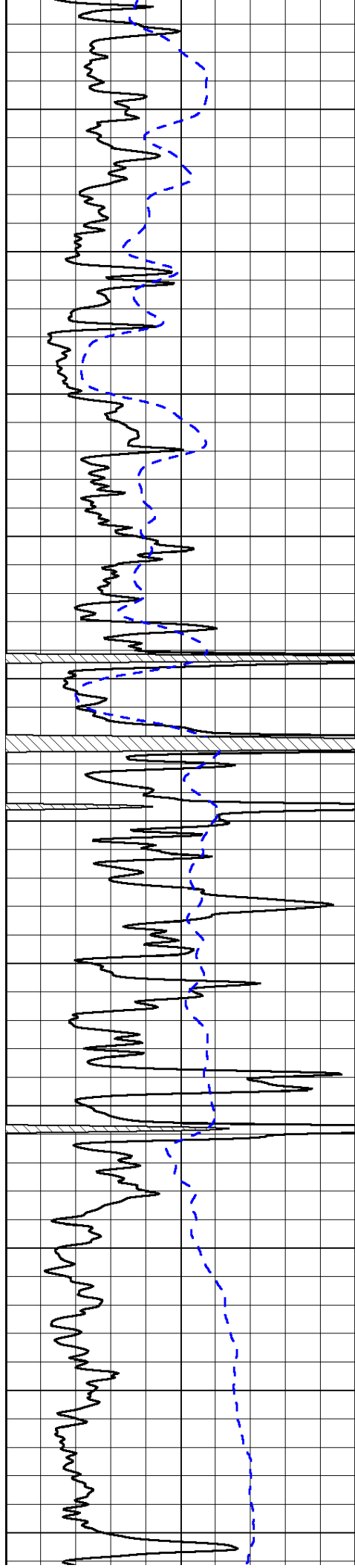


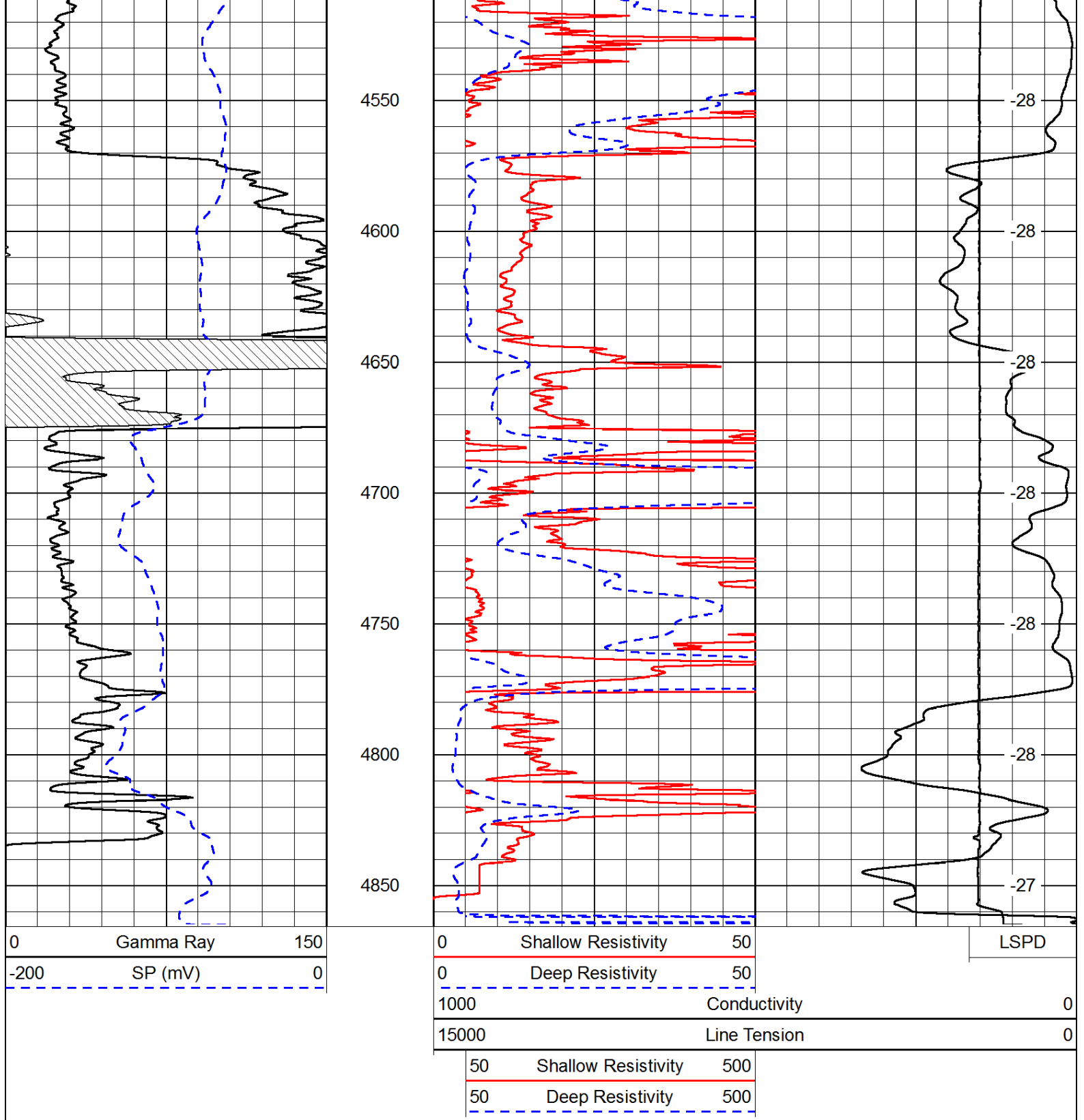




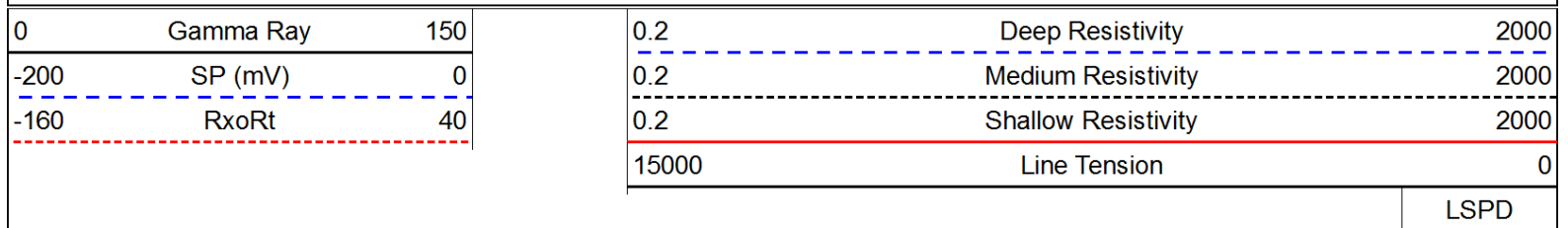


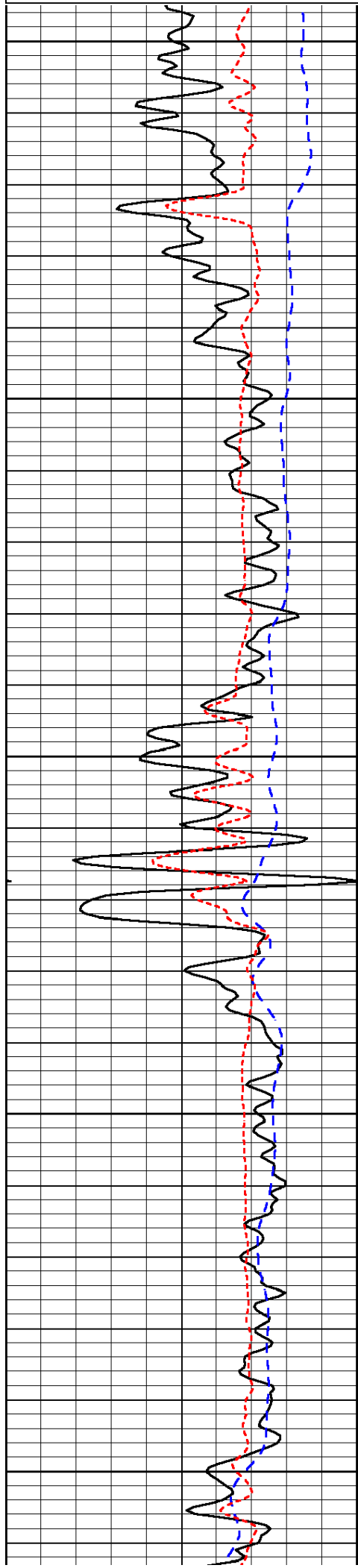






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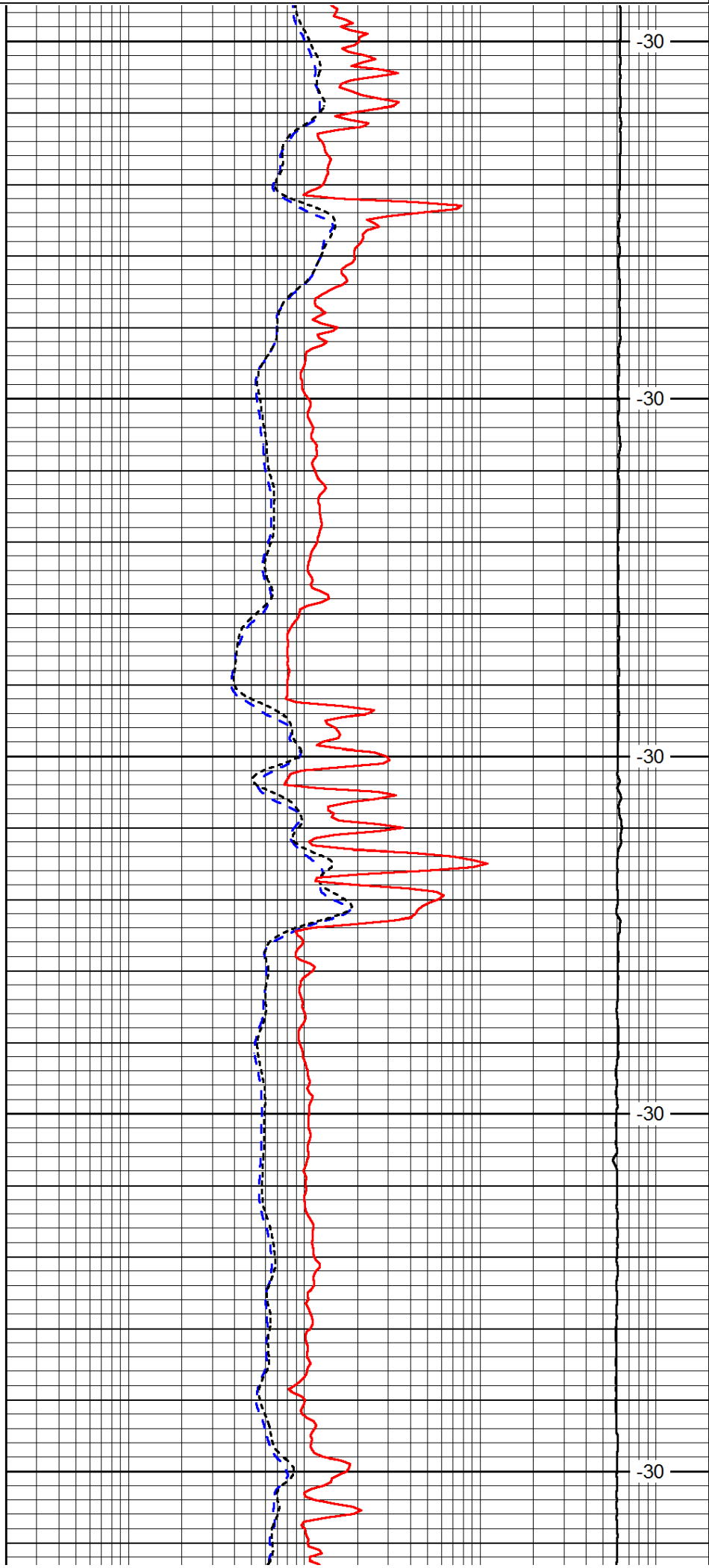
3300

3350

3400

3450

3500



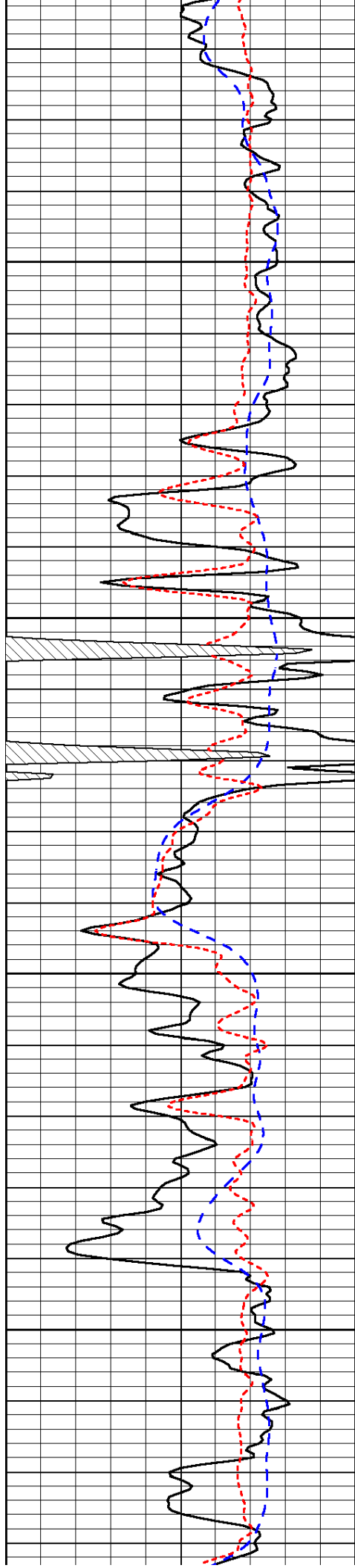
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-30

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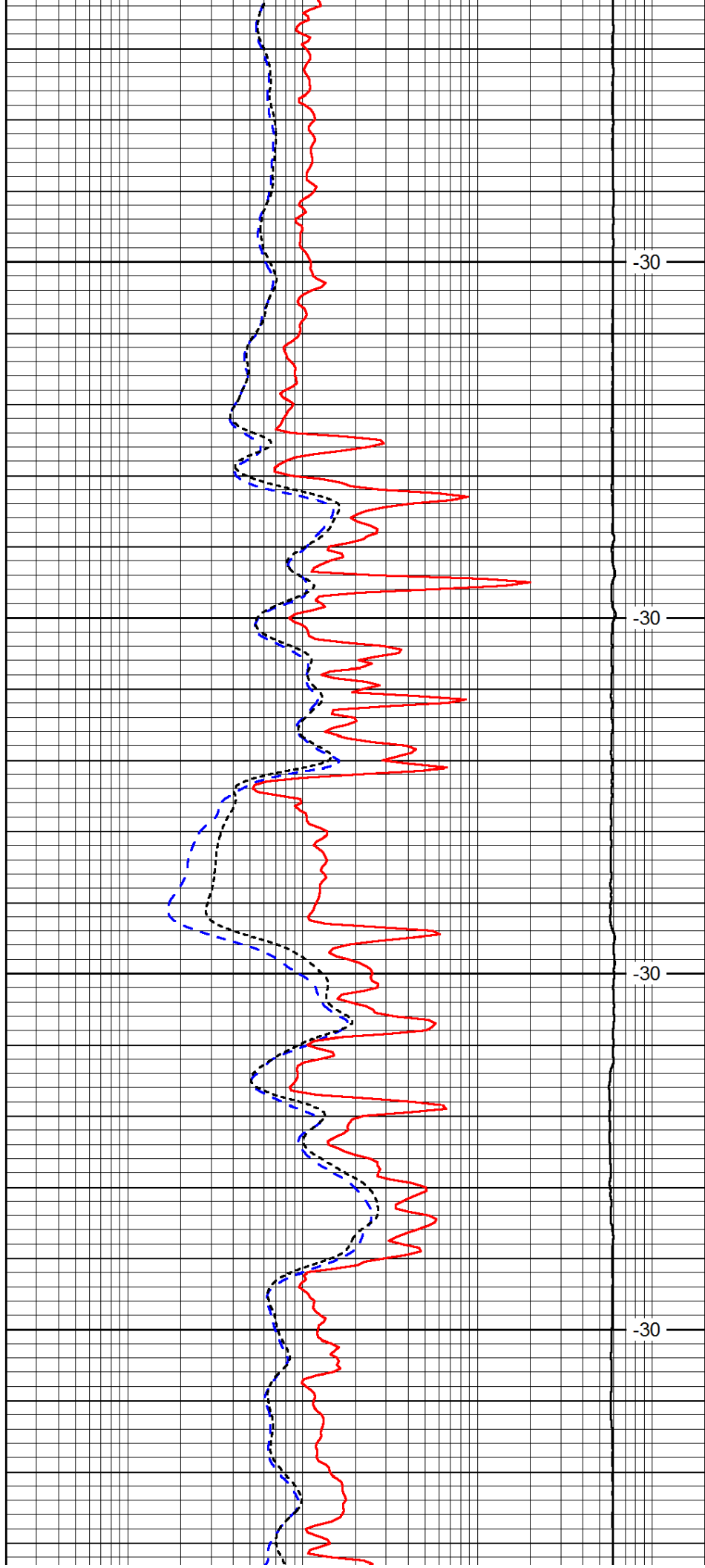


3550

3600

3650

3700

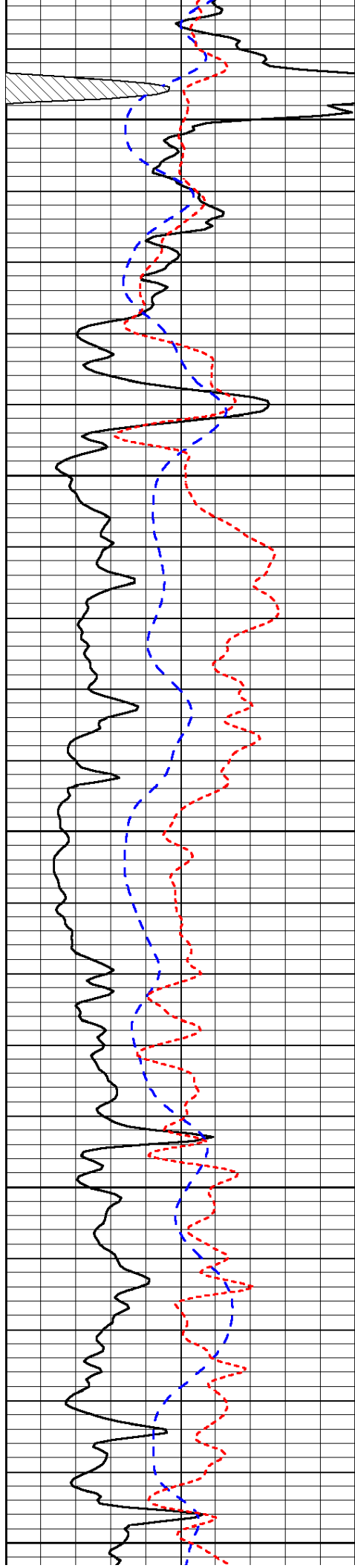


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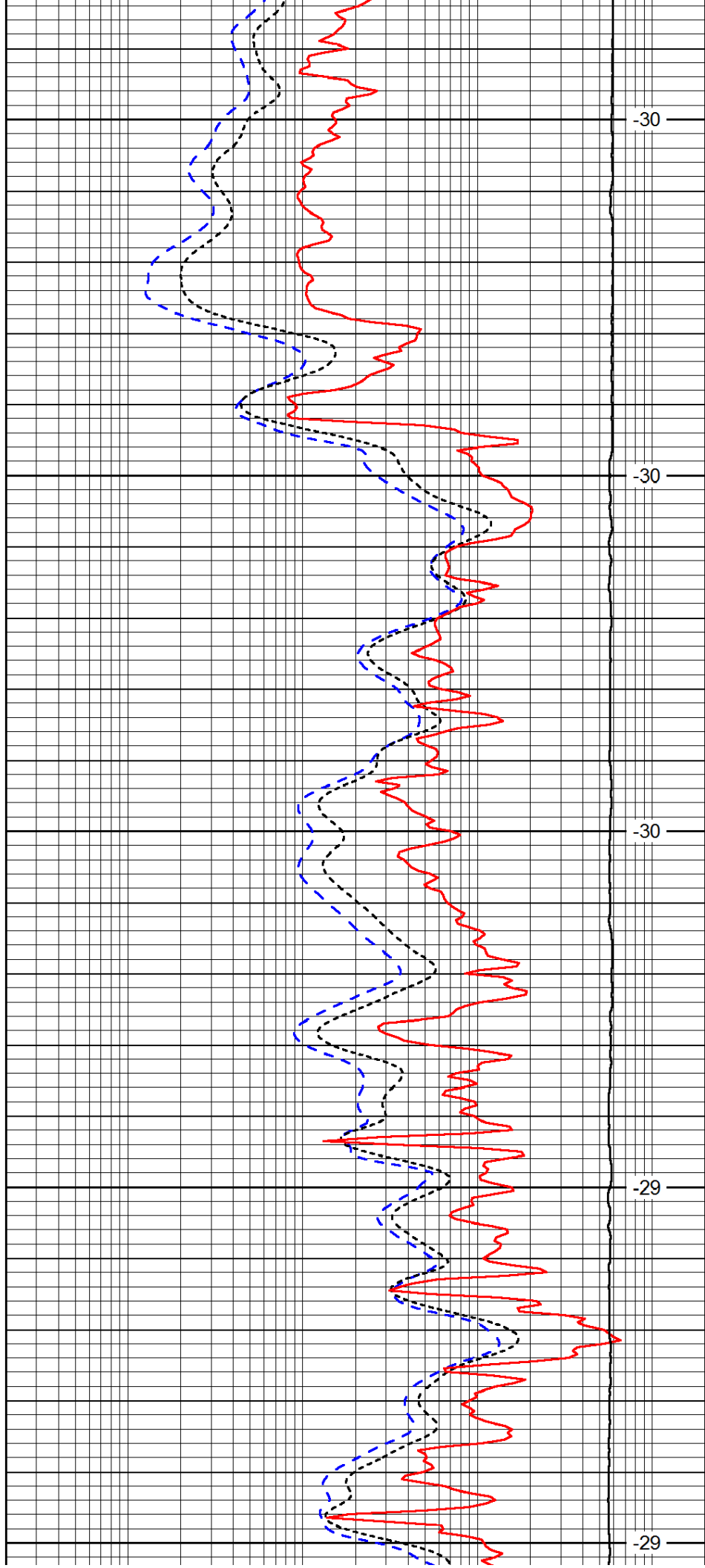
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3800

3850

3900

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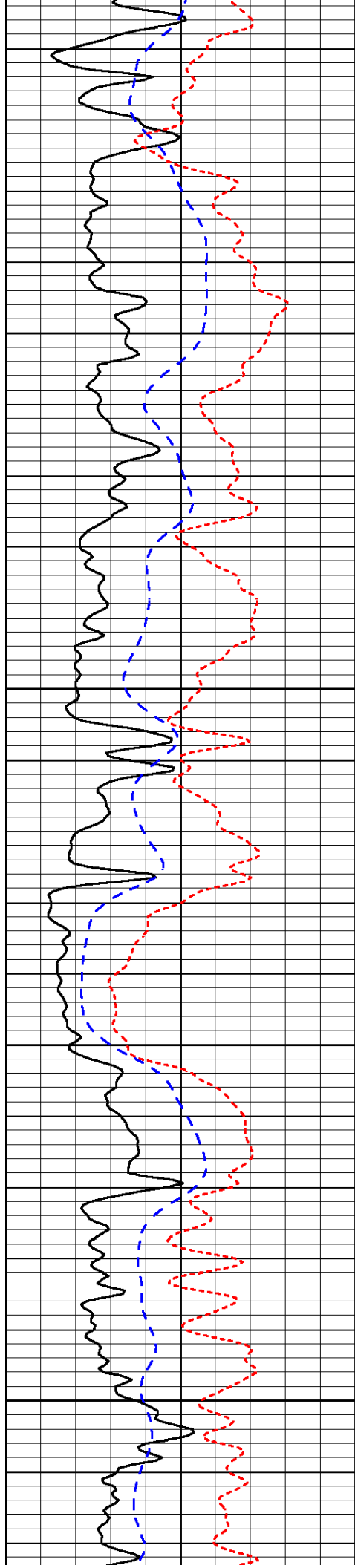
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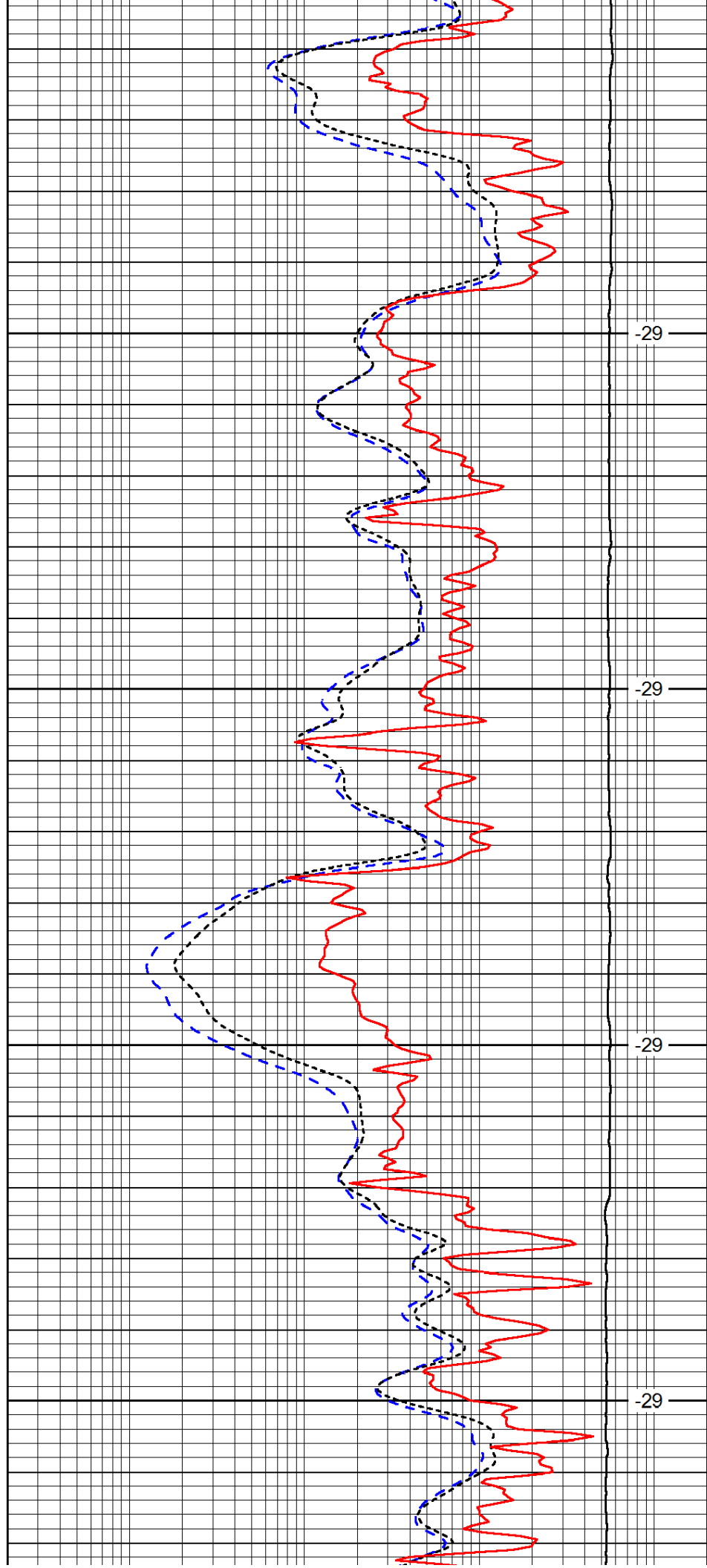


4000

4050

4100

4150

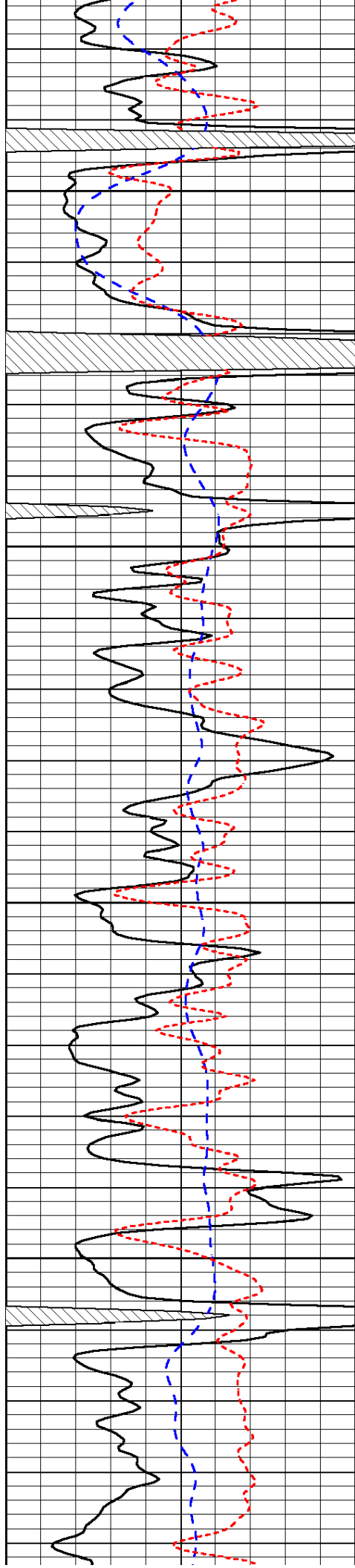


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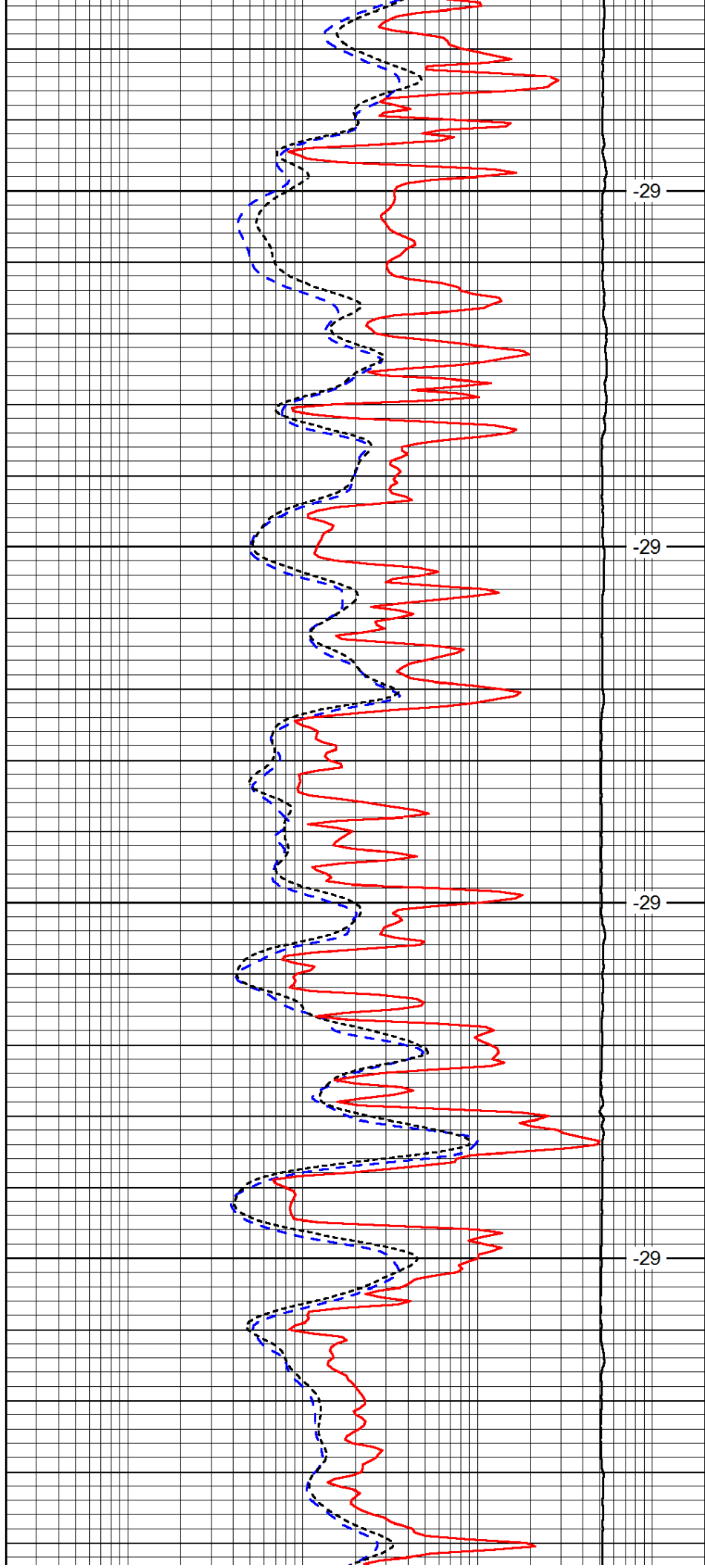


4200

4250

4300

4350

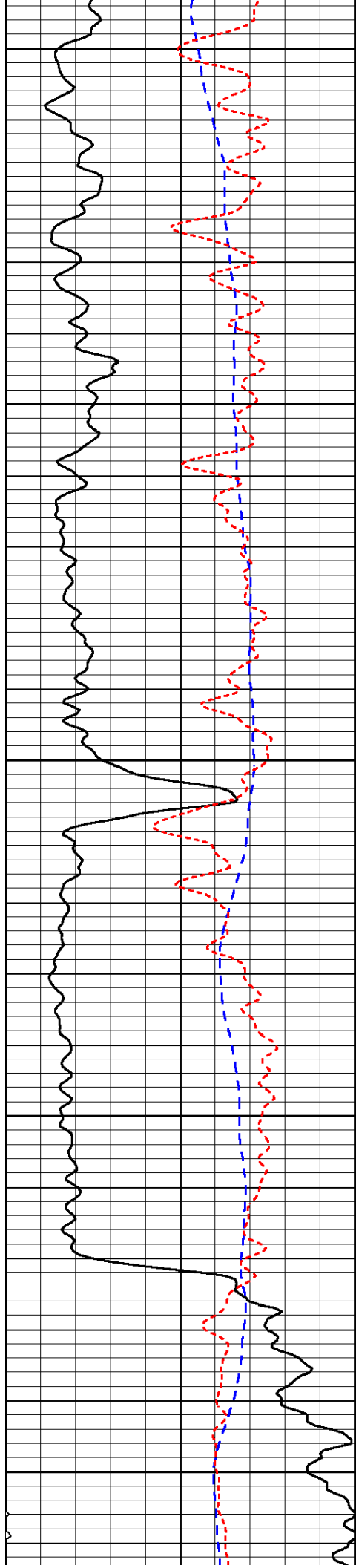


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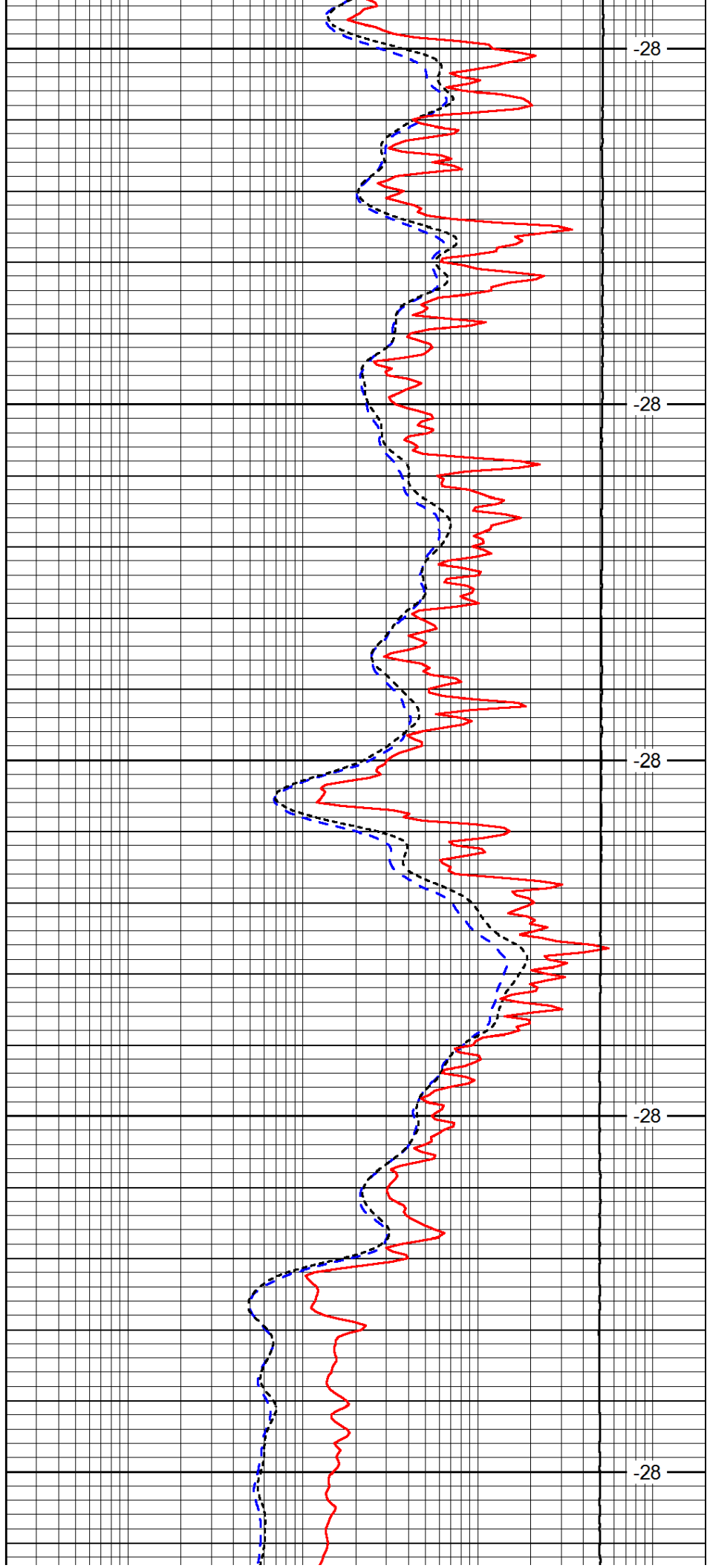
4400

4450

4500

4550

4600



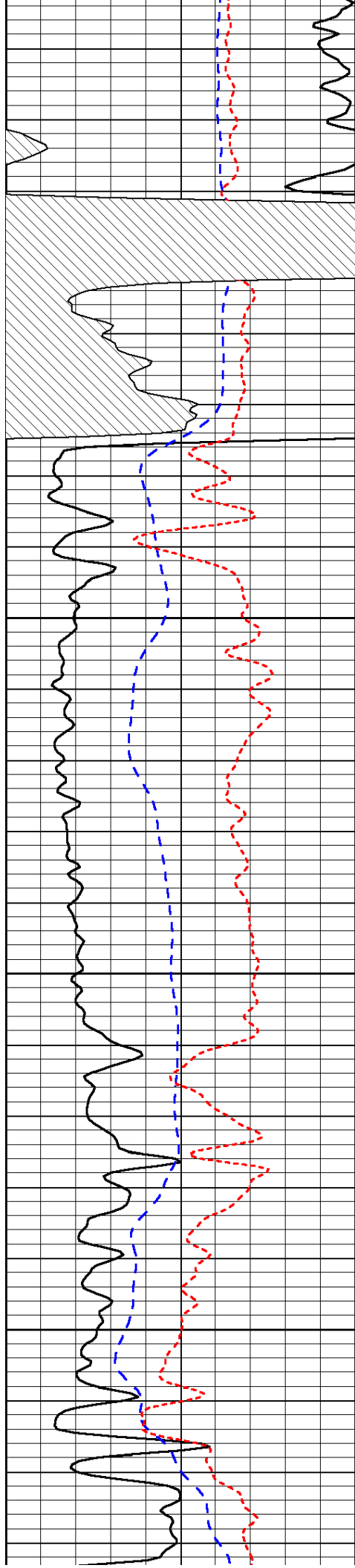
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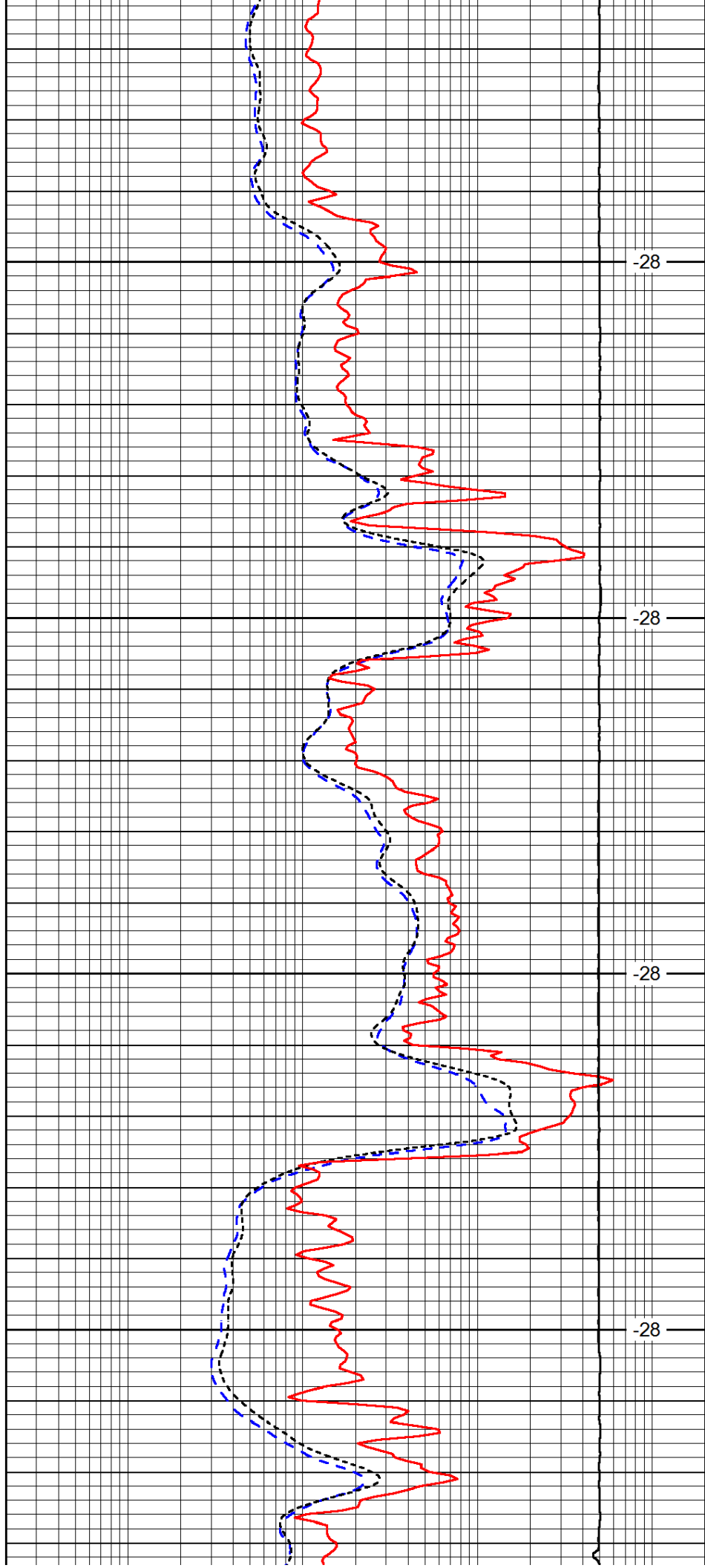


4650

4700

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4800

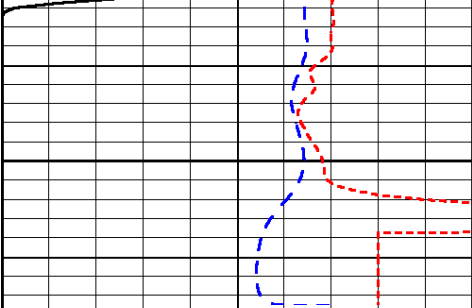


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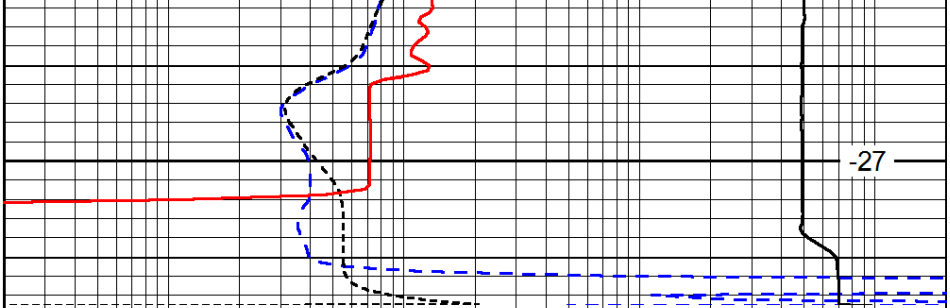
-28

-28



0	Gamma Ray	150
-200	SP (mV)	0
-160	RxoRt	40

4850



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

LSPD