



Dual Induction Log

Pioneer Energy Services

API No.		Company Larson Engineering, Inc.	
15-101-22,508-00-00		Well Hineman Unit #1-28	
Field Wildcat		County Lane State Kansas	
Location 1975' FNL & 93' FWL		Other Services CNL/CDL MEL	
Sec: 28 Twp: 18S Rge: 28W		Elevation	
Permanent Datum Ground Level		K.B. 2722	
Log Measured From Kelly Bushing		D.F. 2715	
Drilling Measured From Kelly Bushing		G.L. 2715	
Date	5/4/2014		
Run Number	One		
Depth Driller	4611		
Depth Logger	4608		
Bottom Logged Interval	4607		
Top Log Interval	250		
Casing Driller	8.625 @ 264		
Casing Logger	264		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	2,500		
Density / Viscosity	9.1 67		
pH / Fluid Loss	11.0 7.2		
Source of Sample	Flowline		
Rm @ Meas. Temp	.55 @ 61		
Rmf @ Meas. Temp	.41 @ 61		
Rmc @ Meas. Temp	.74 @ 61		
Source of Rmf / Rmc	Charts		
Rm @ BHT	.27 @ 122		
Operating Rig Time	4 Hours		
Max Rec. Temp. F	122		
Equipment Number	17		
Location	Hays		
Recorded By	C. Desaire		
Witnessed By	Vern Schrag		

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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

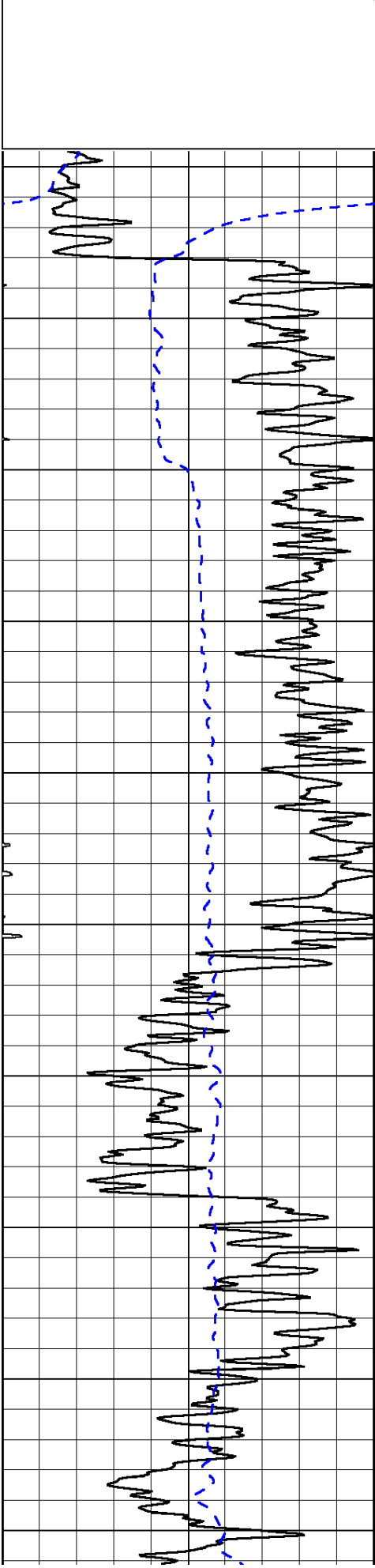
Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858

Dighton KS,
2 E to Mustang Rd, 1 1/2 S, E Into

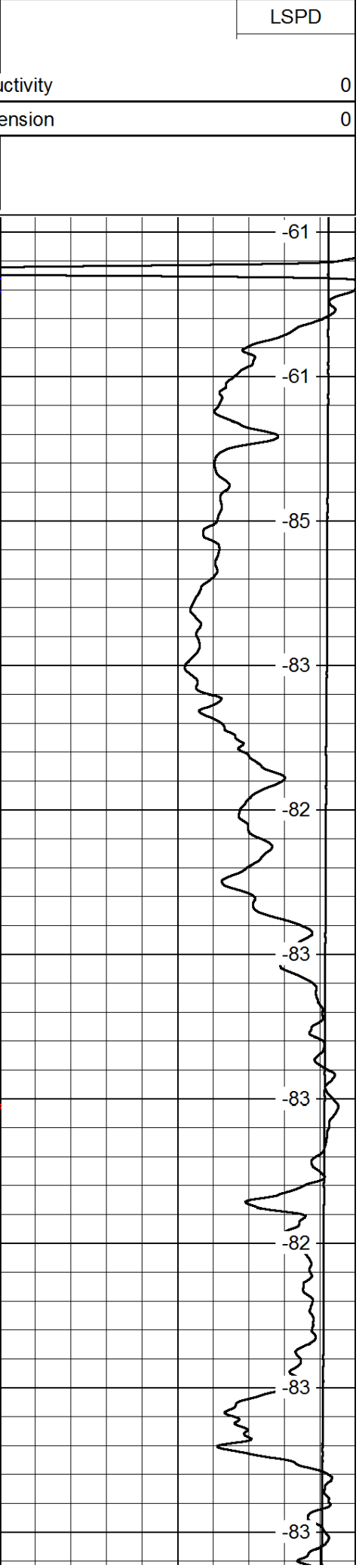
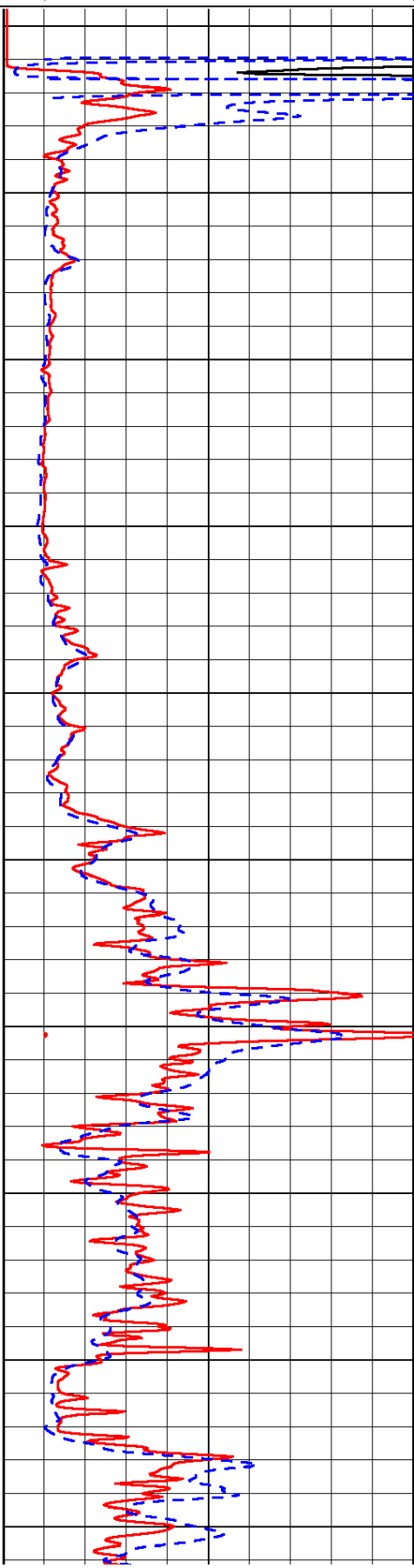
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Presentation Format: dil2in
Dataset Creation: Sun May 04 02:24:51 2014
Charted by: Depth in Feet scaled 1:600

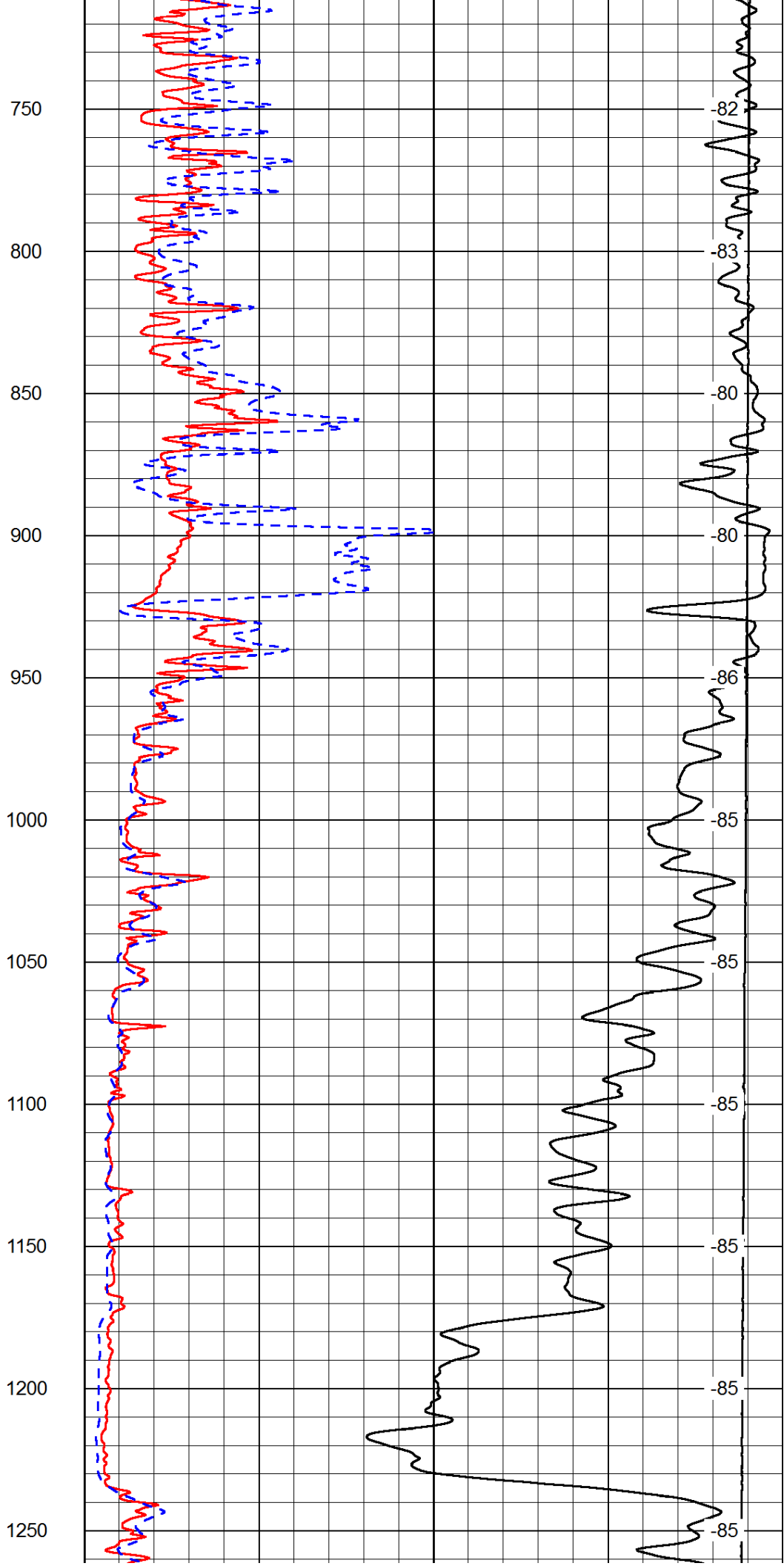
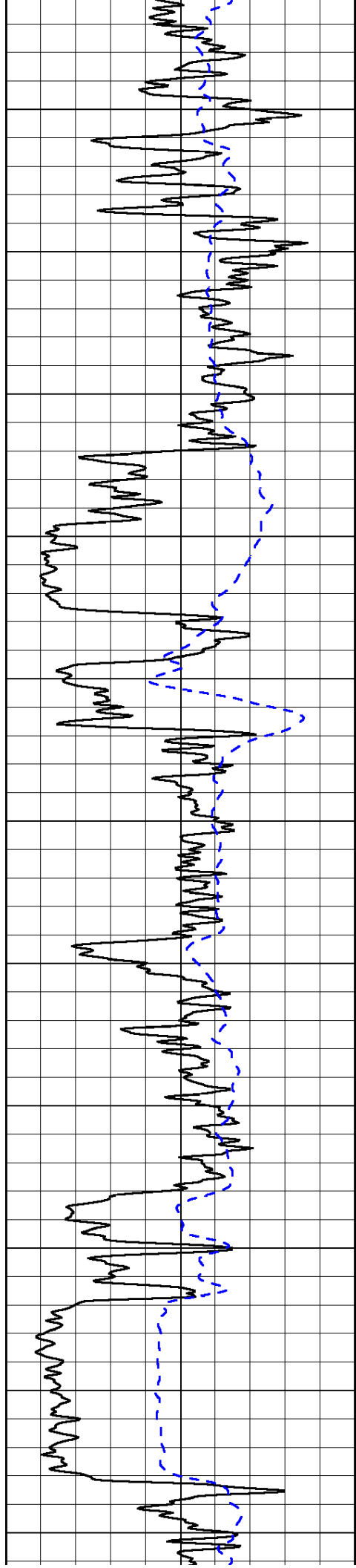
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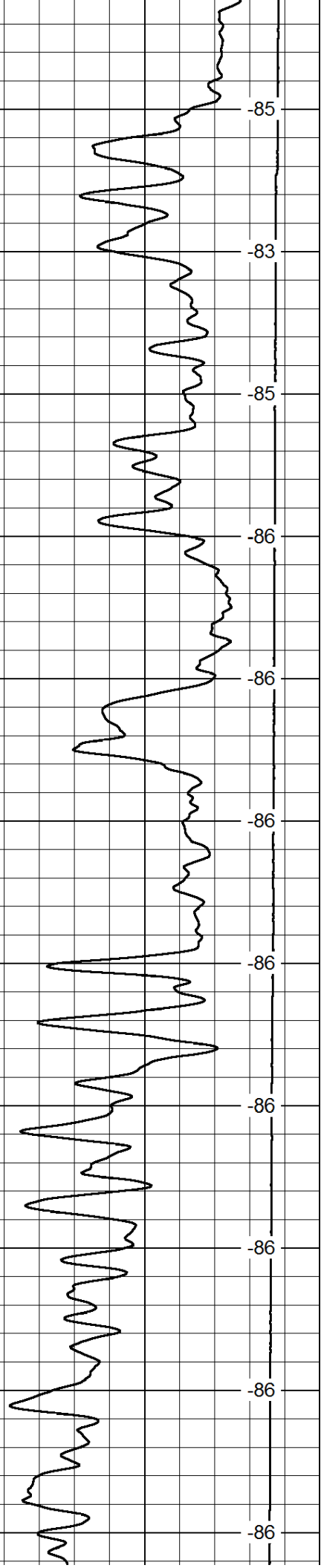
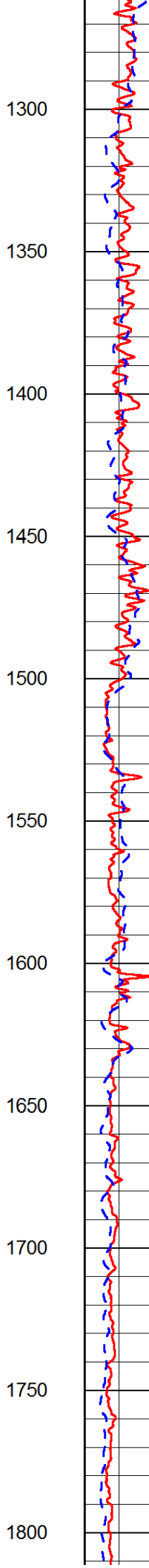
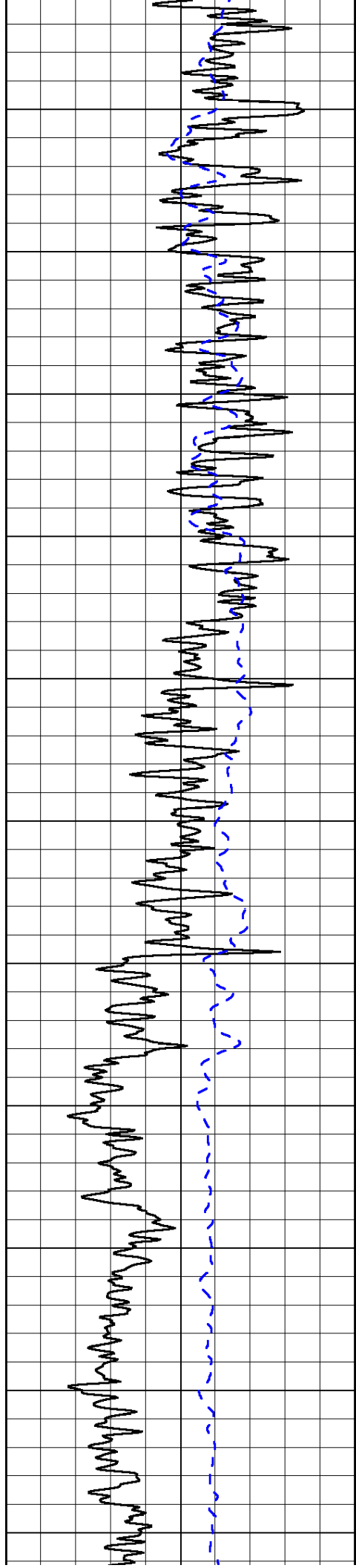
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-200	SP (mV)	0

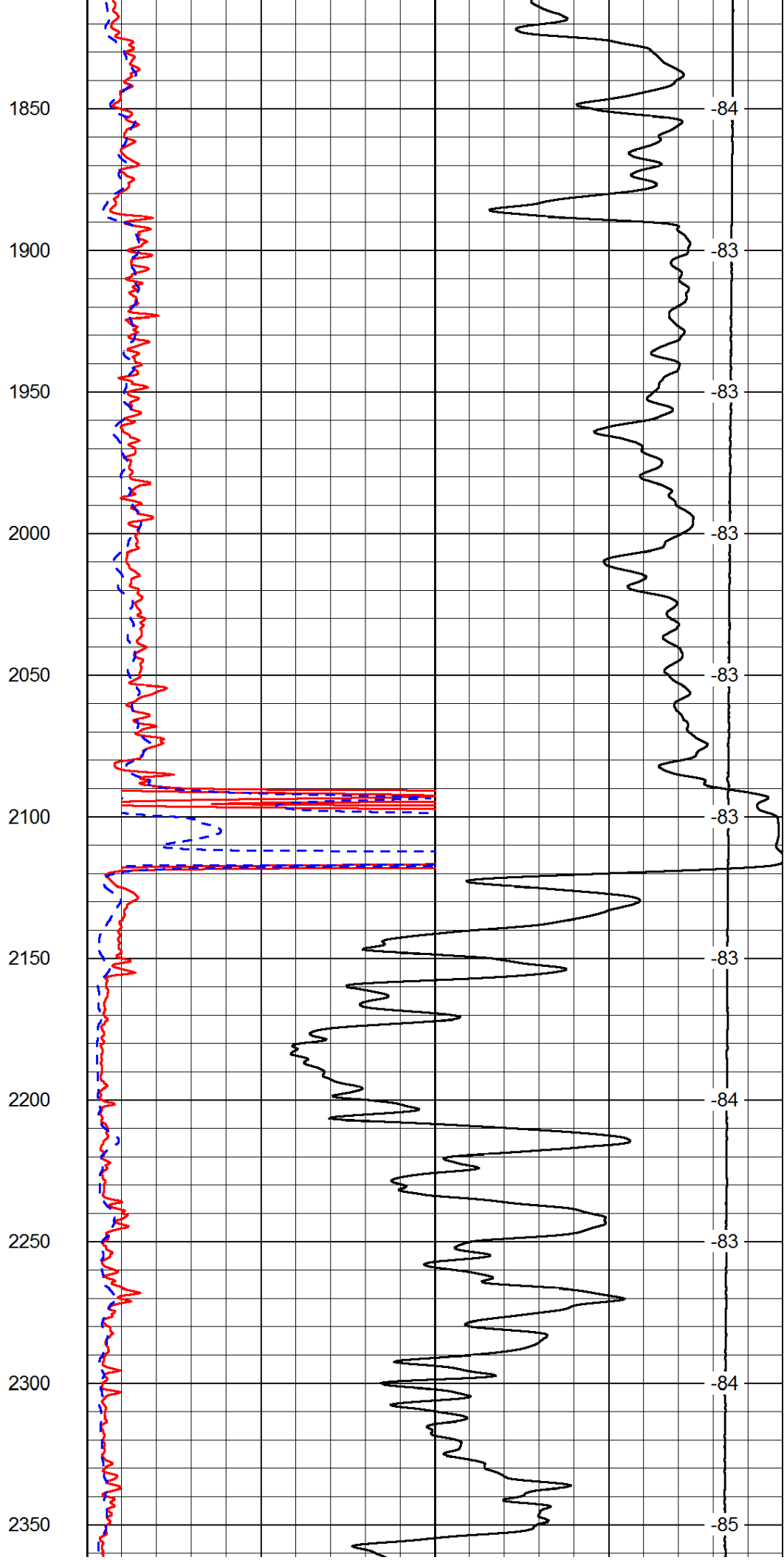
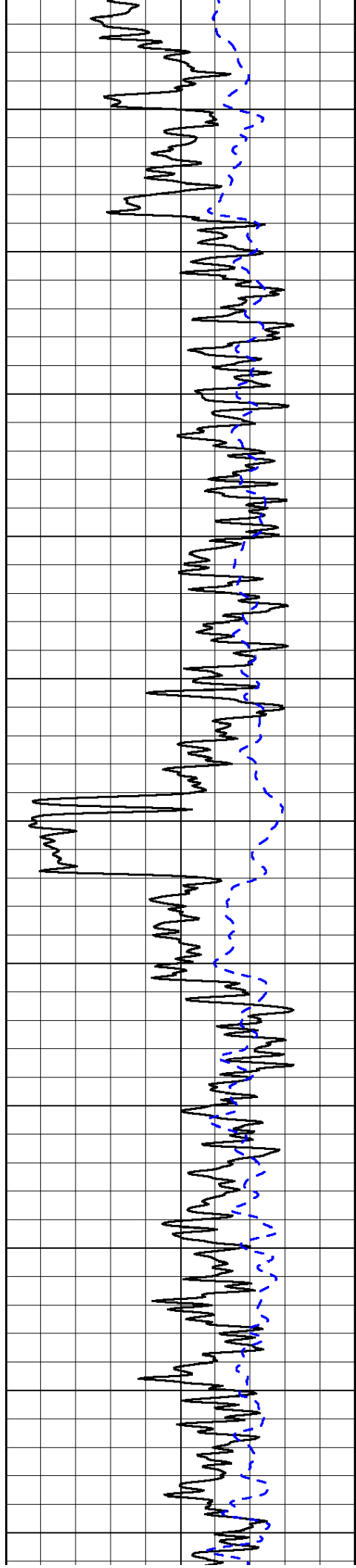


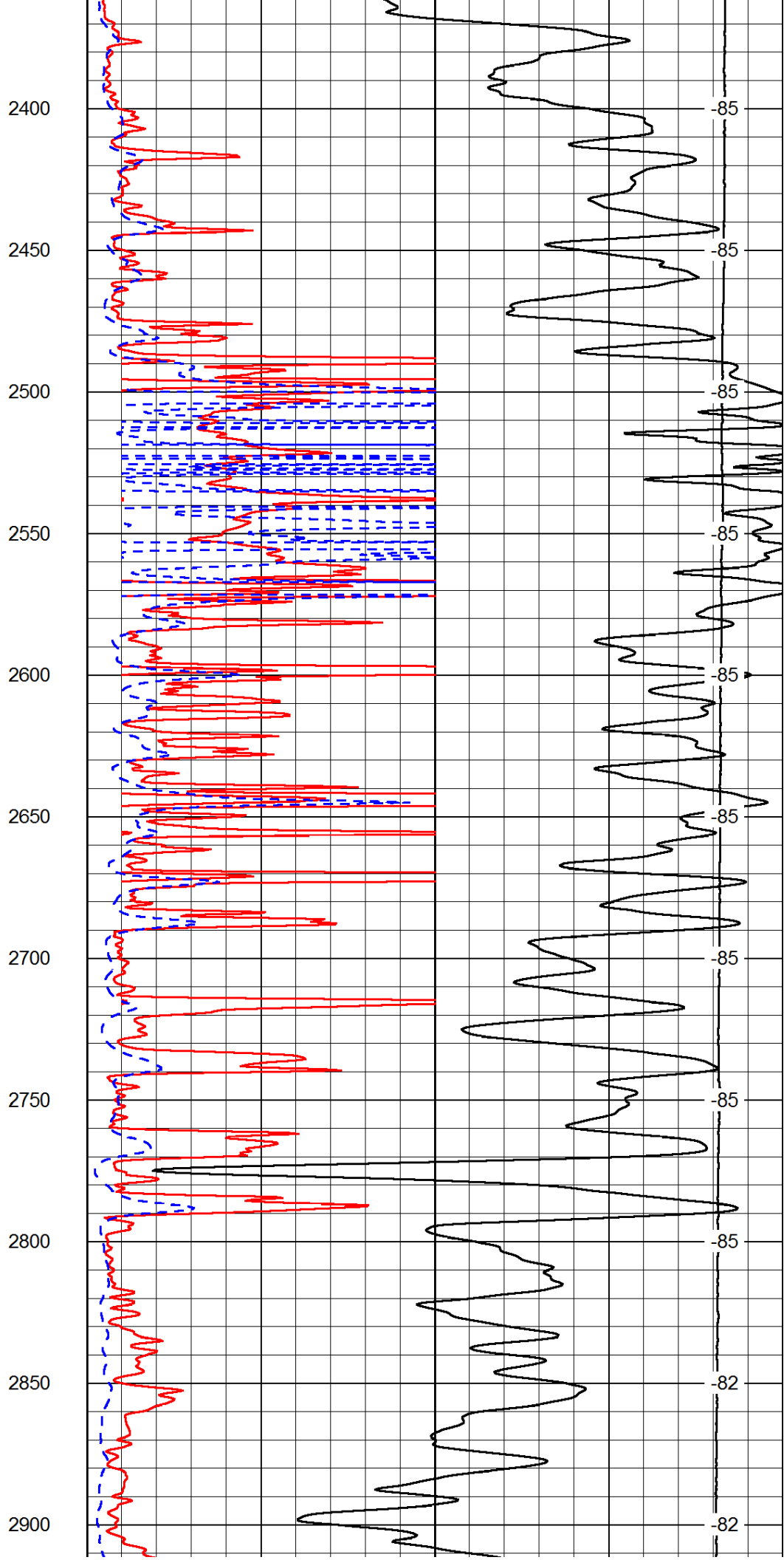
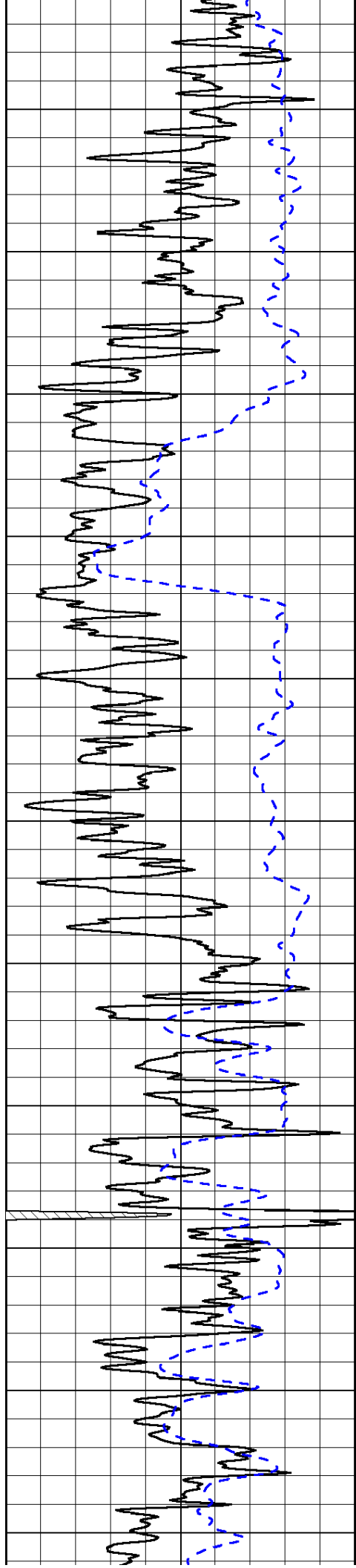
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0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0
50	Shallow Resistivity	500
50	Deep Resistivity	500

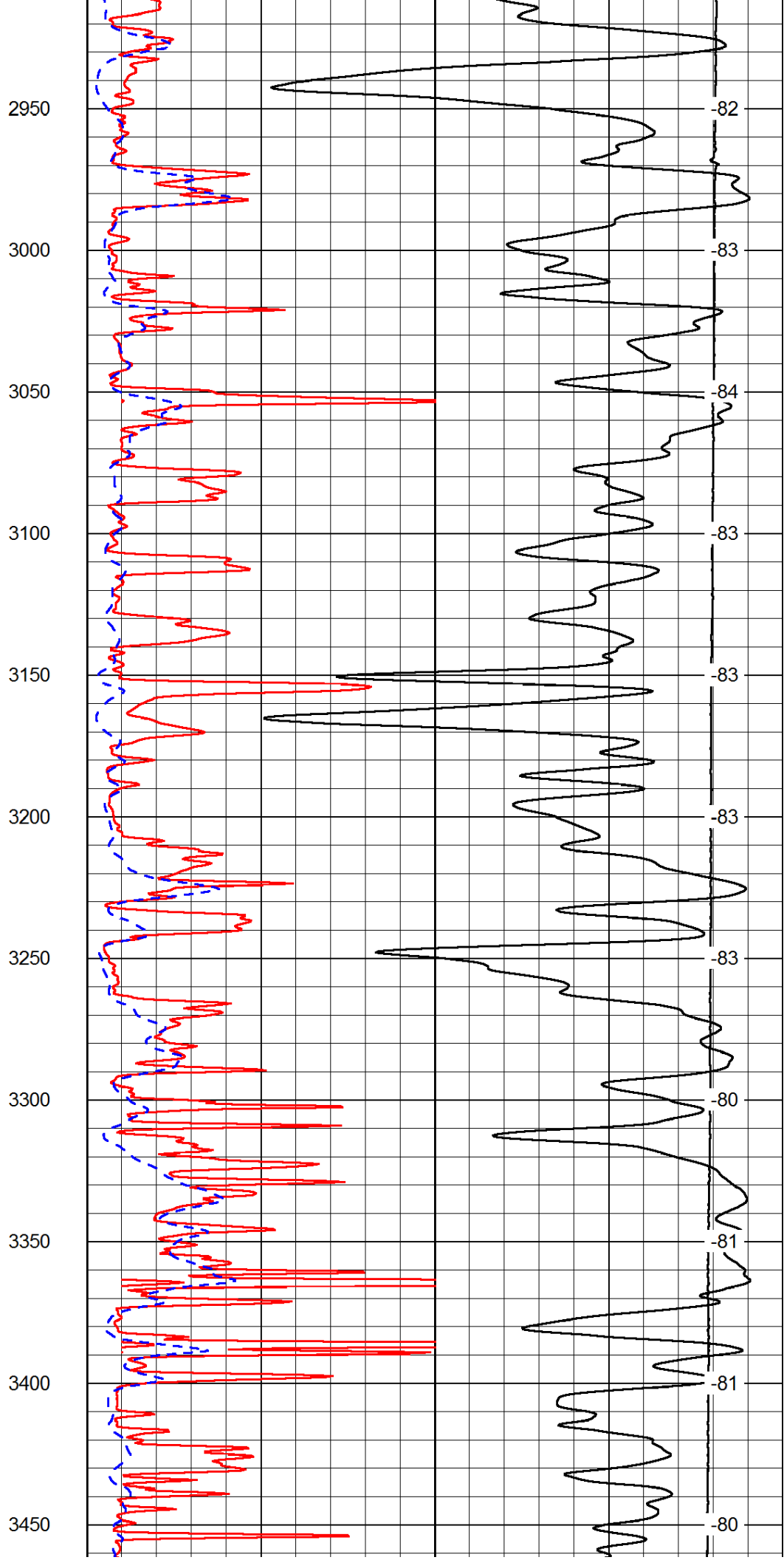
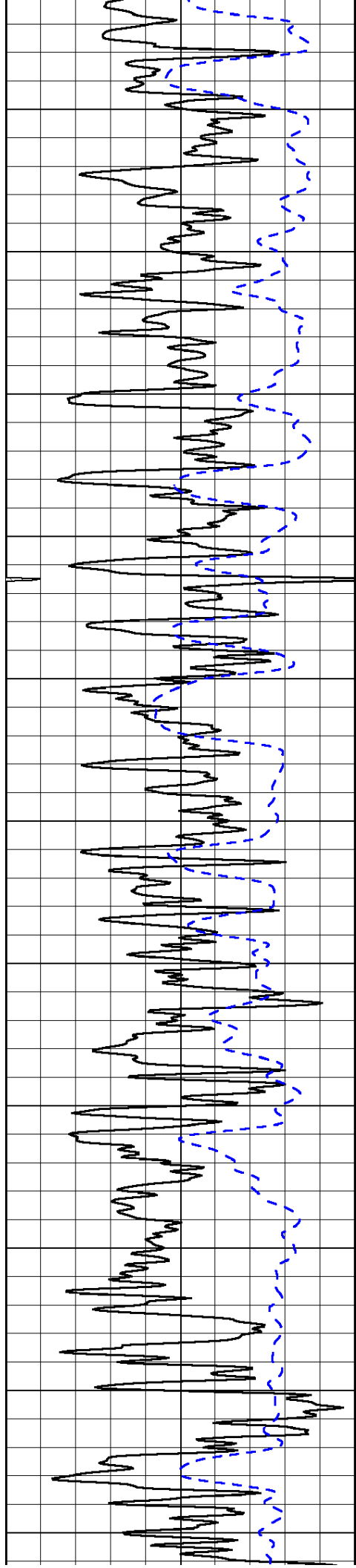


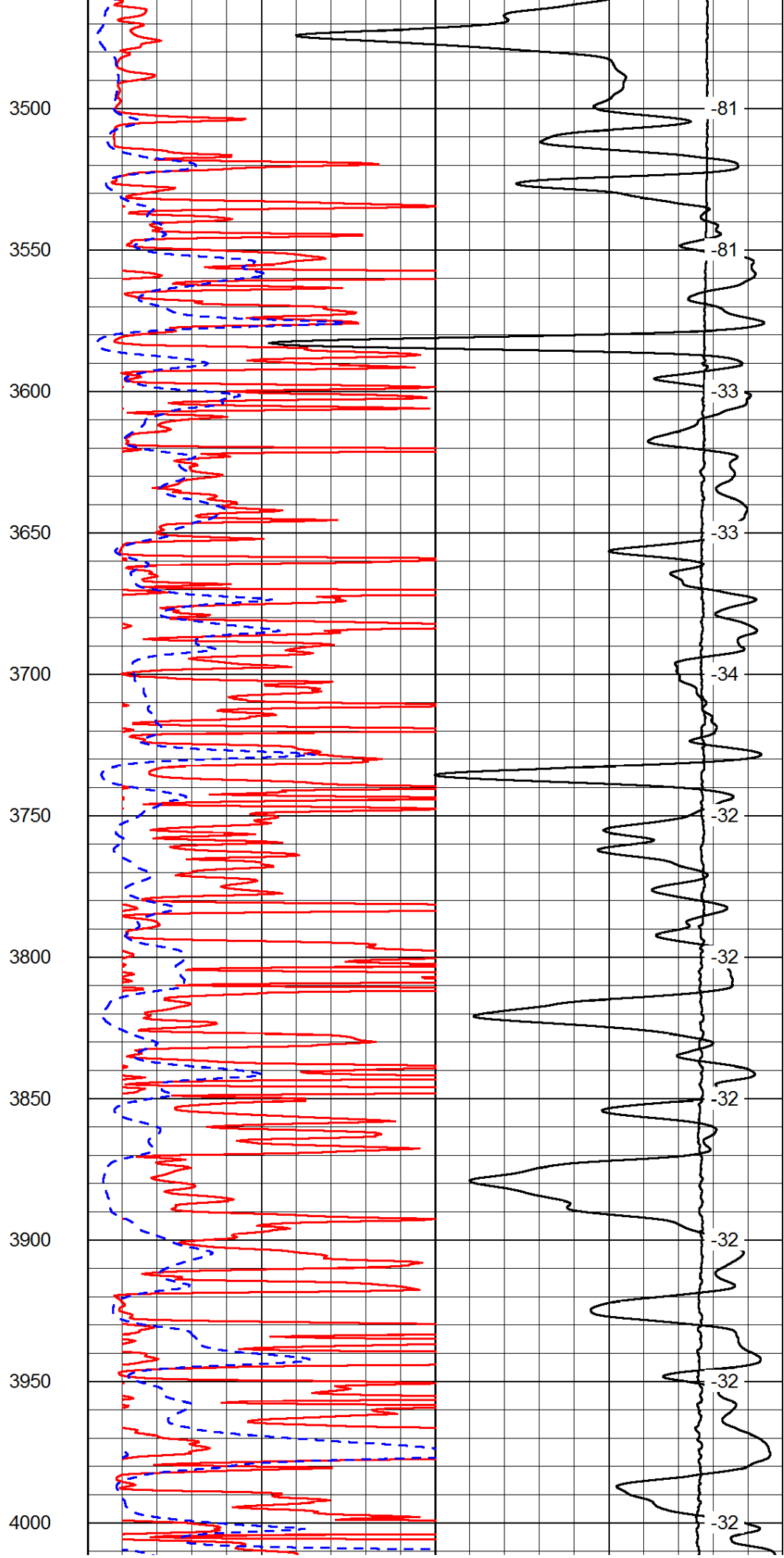
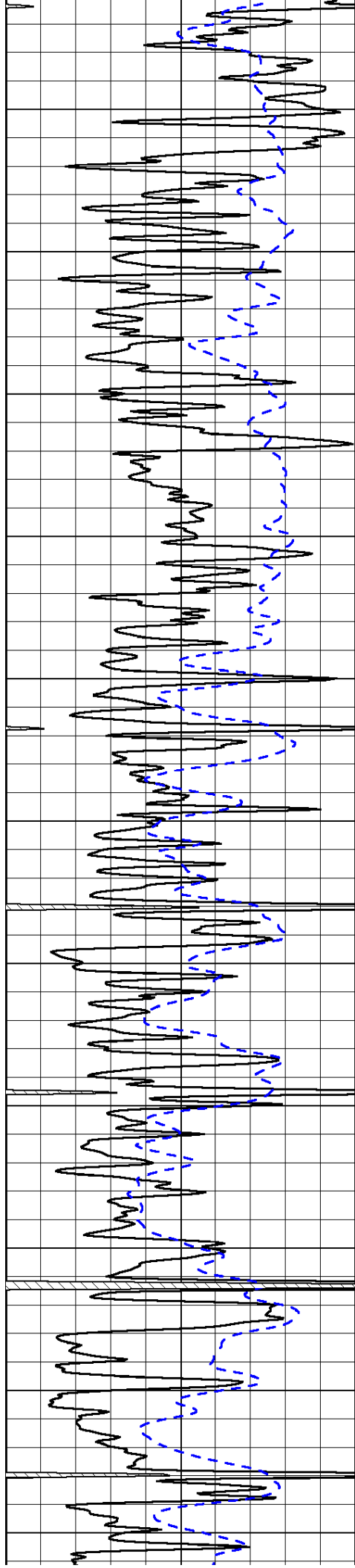


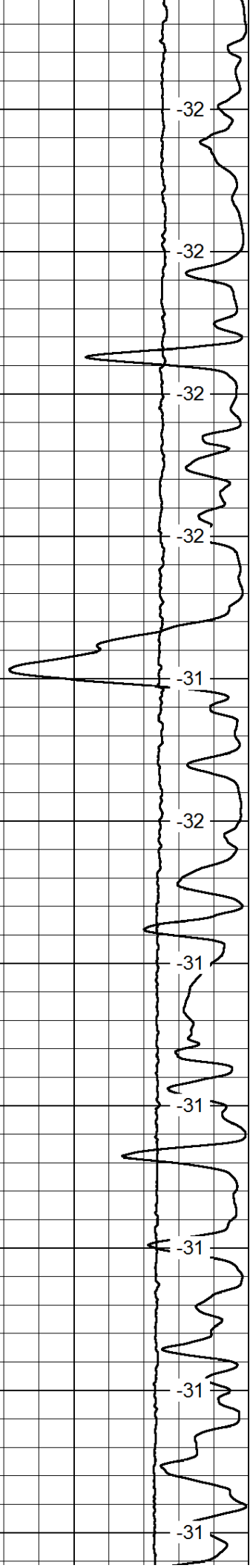
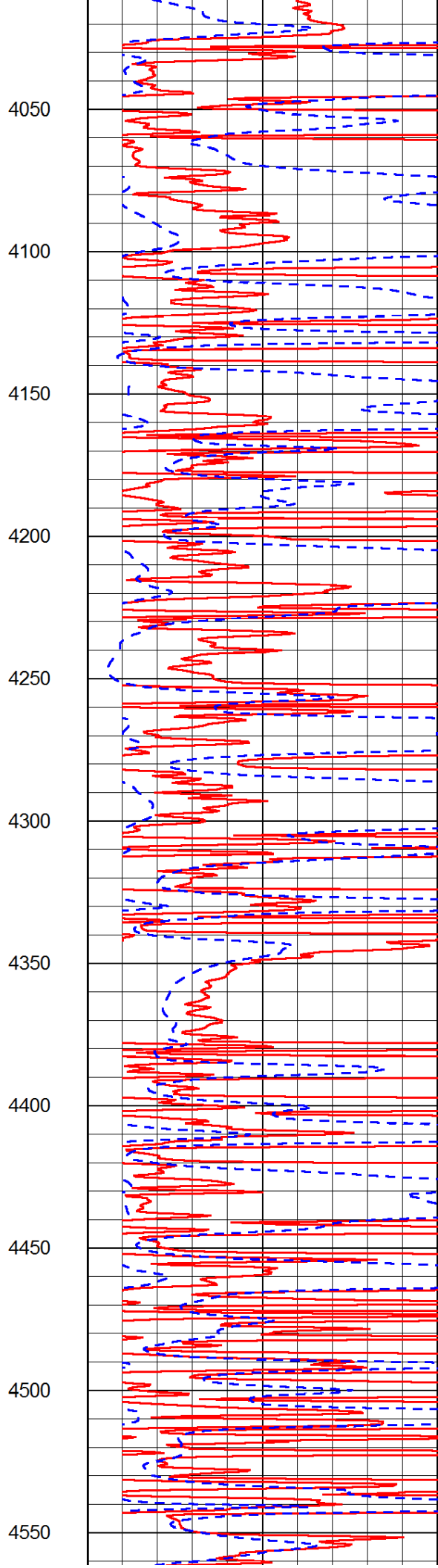
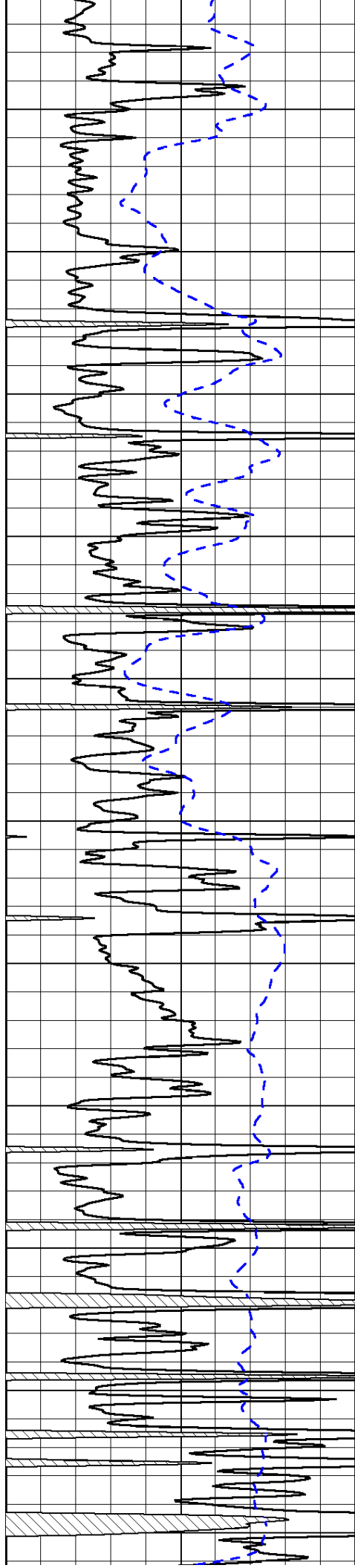


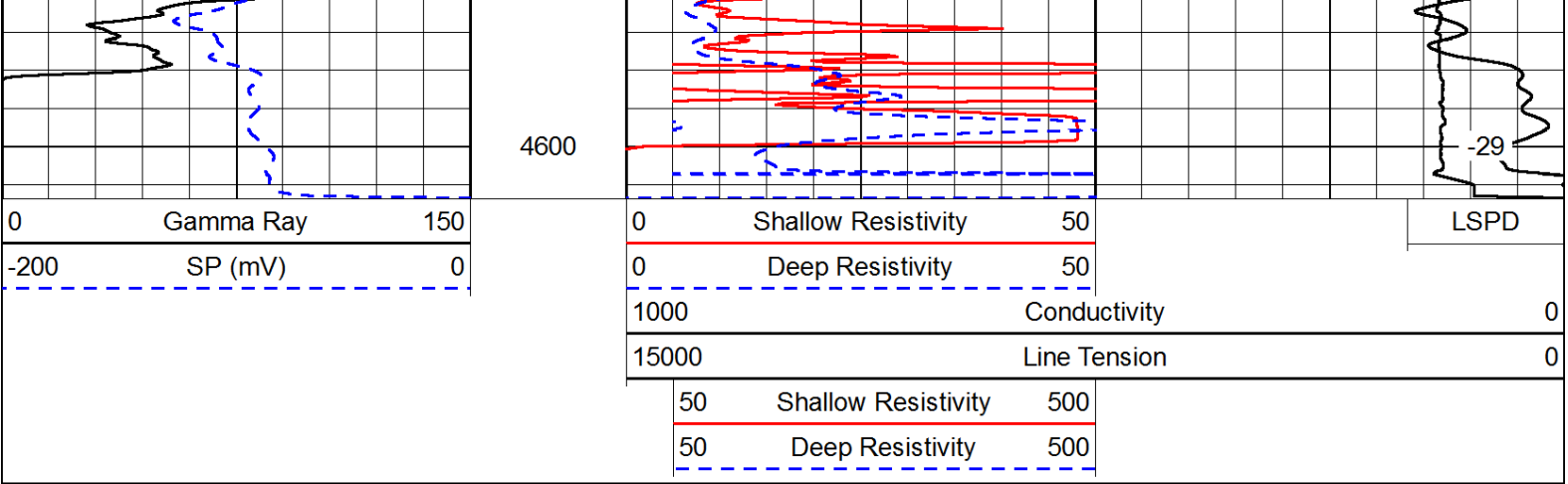




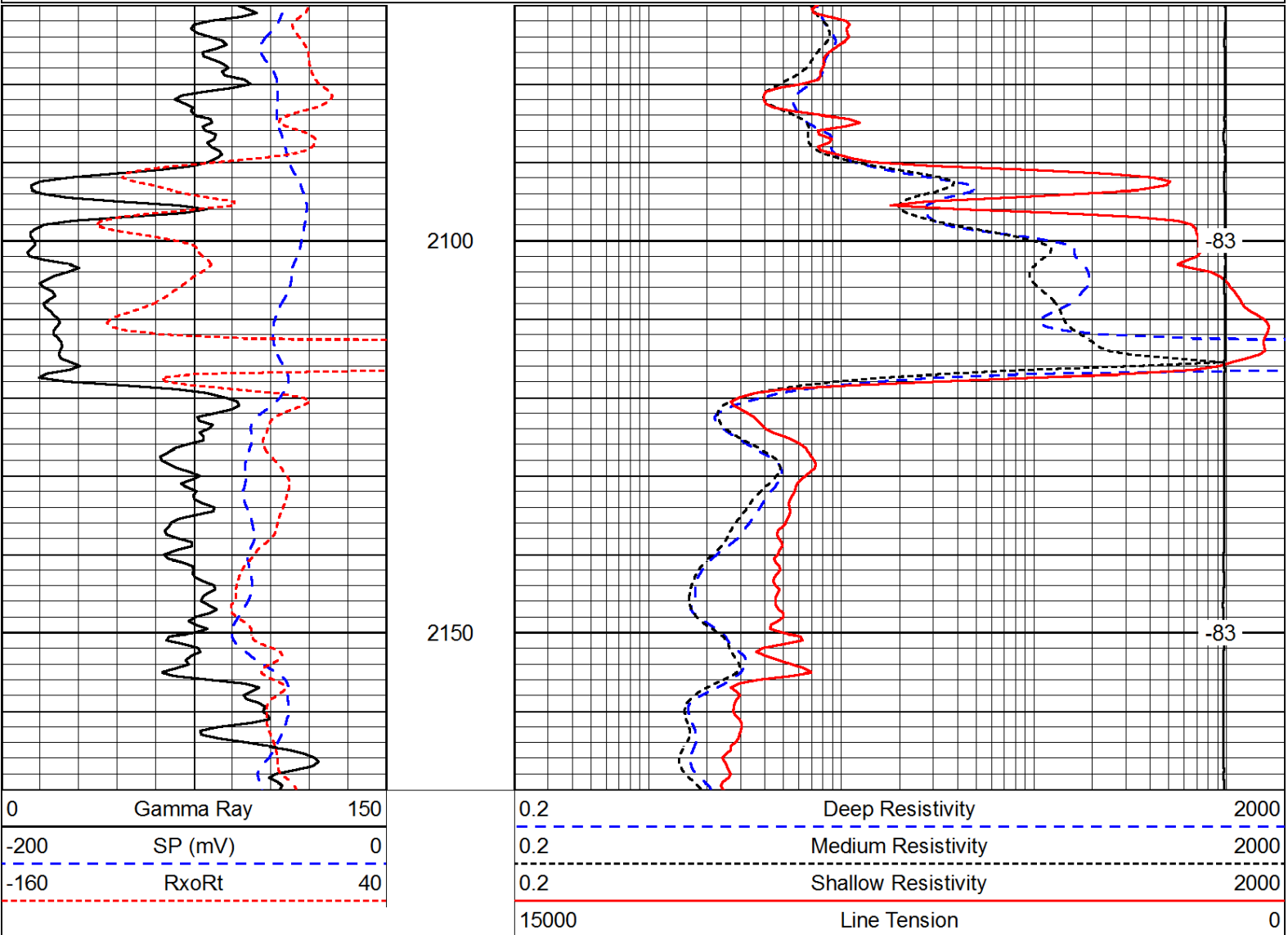
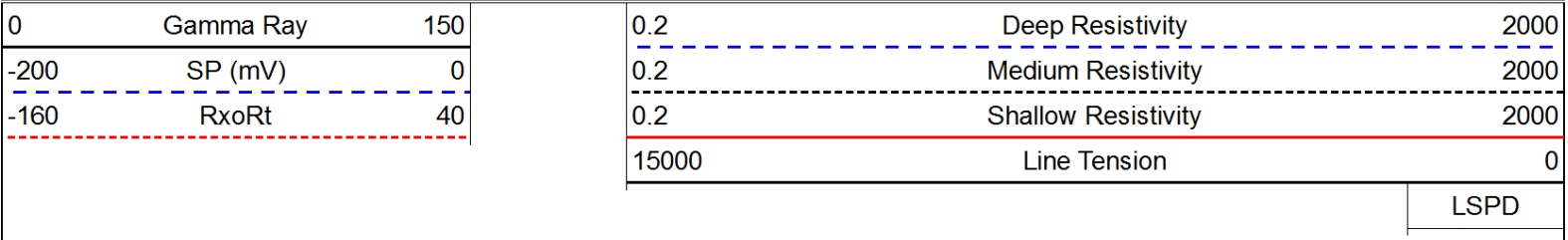








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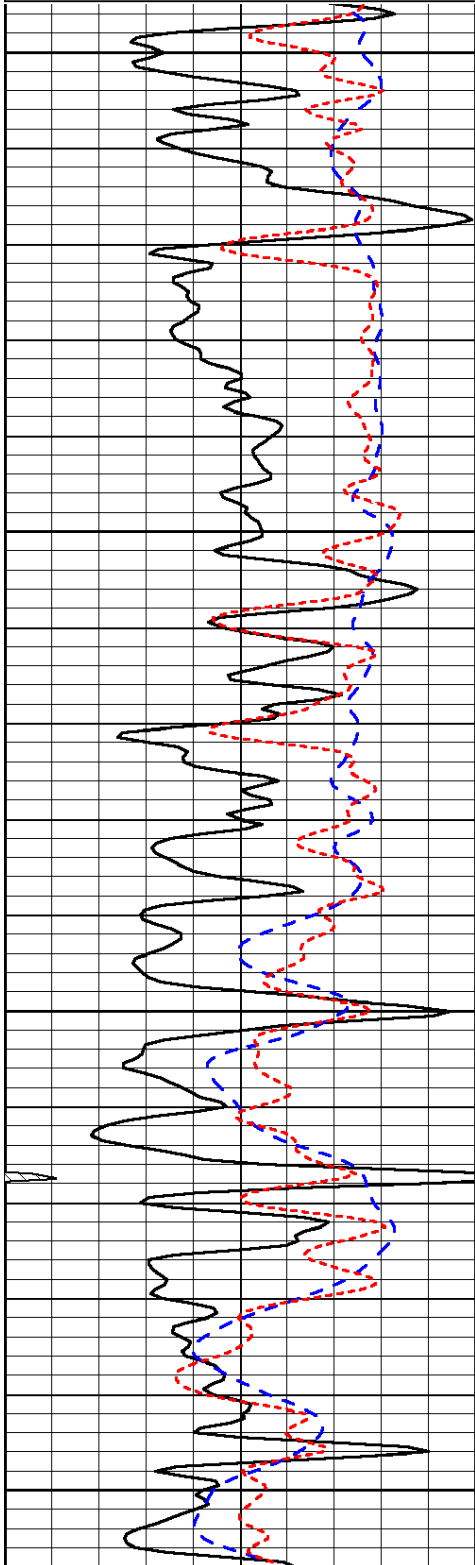


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Presentation Format: dil
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0	Gamma Ray	150
-200	SP (mV)	0
-160	RxoRt	40

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

LSPD

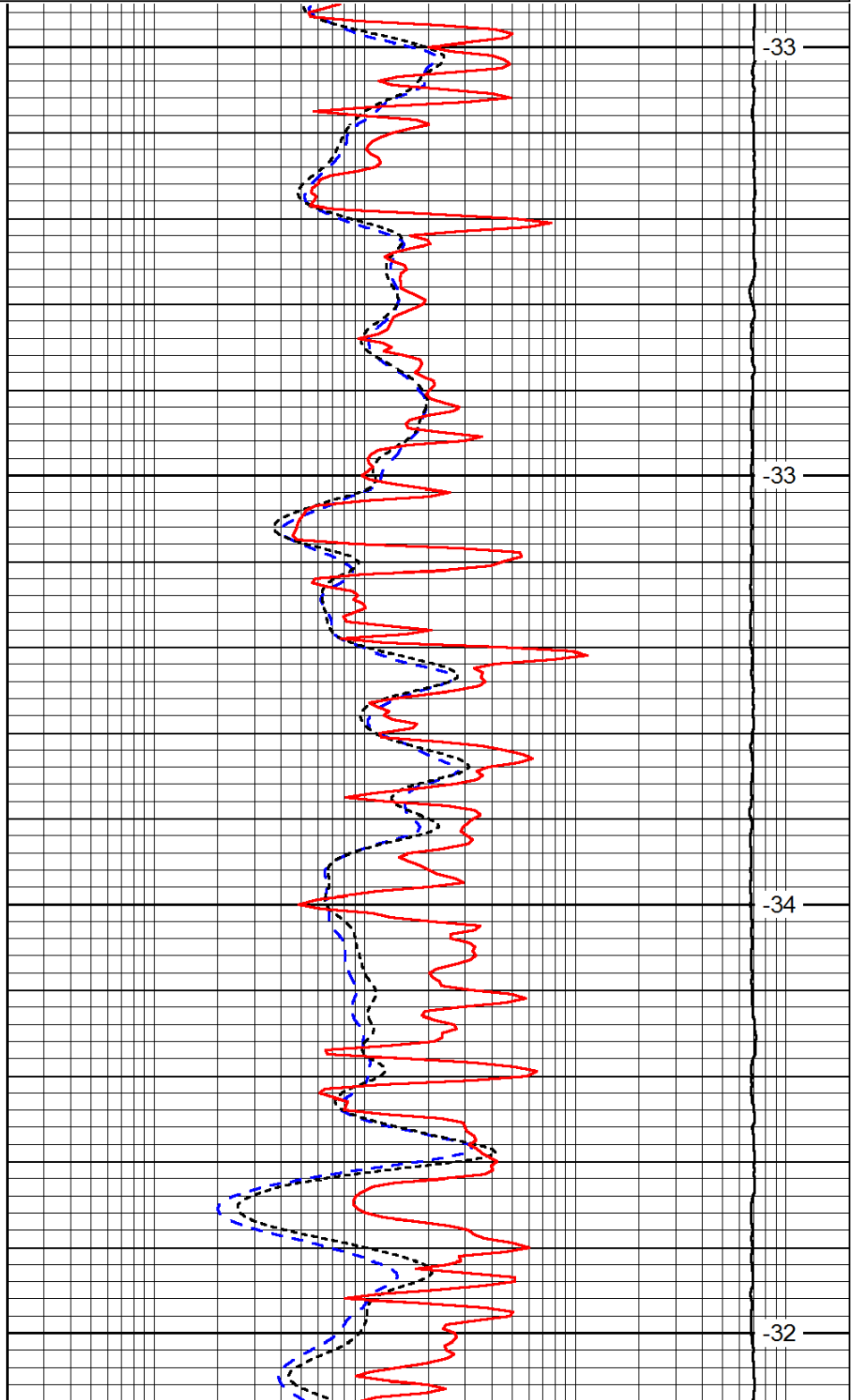


3600

3650

3700

3750

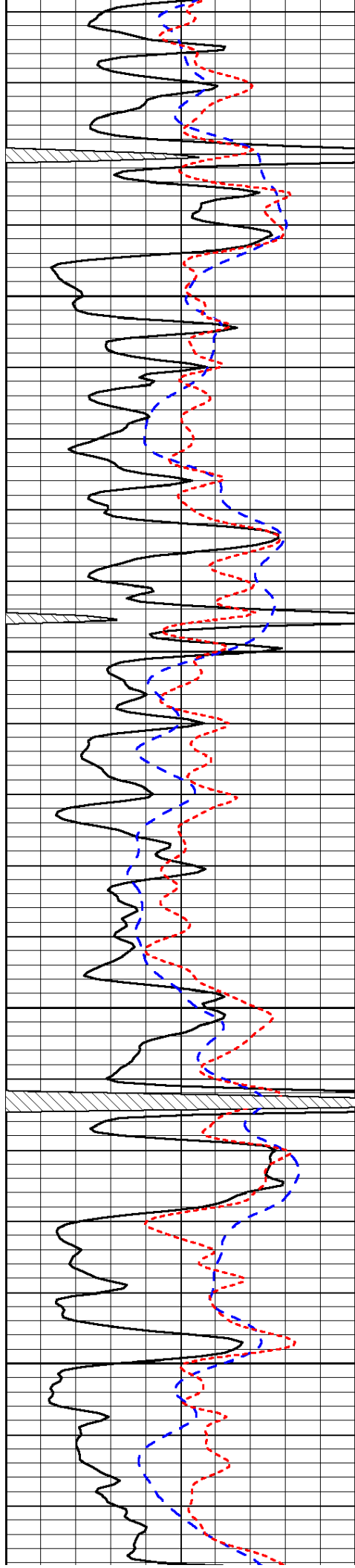


-33

-33

-34

-32

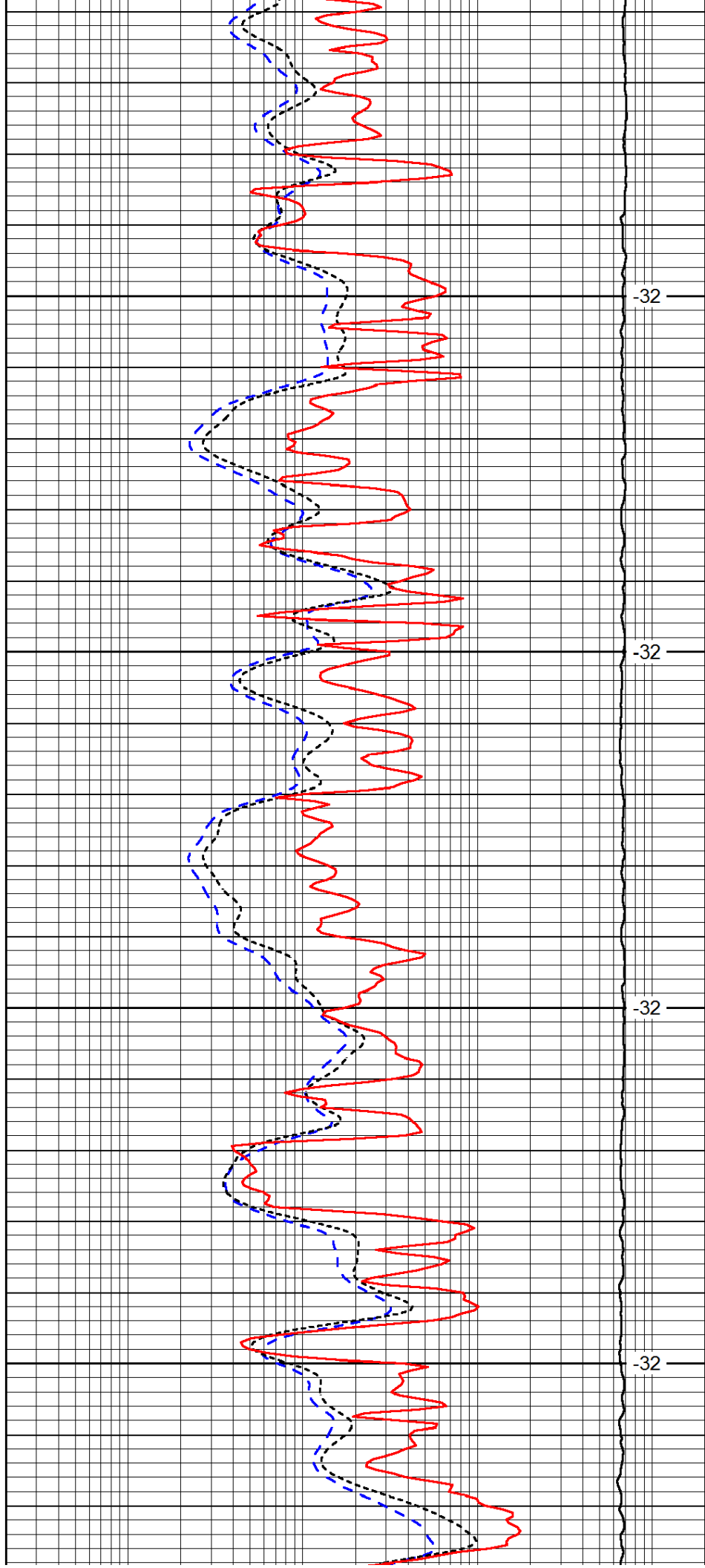


3800

3850

3900

3950

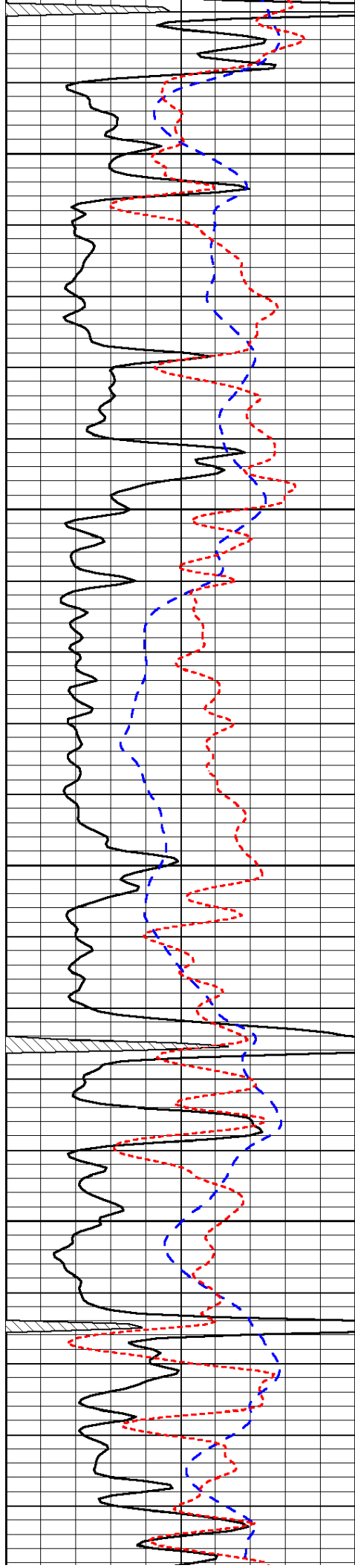


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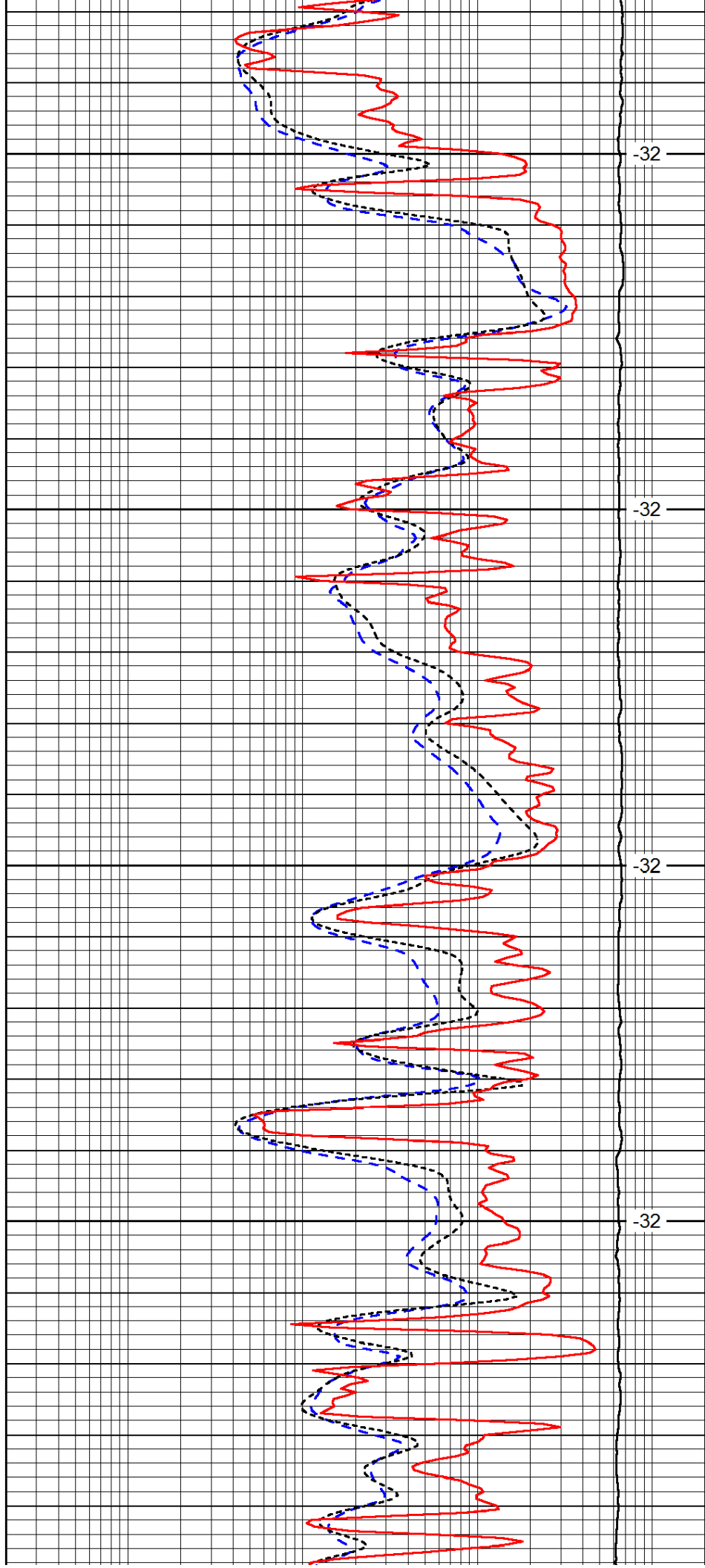


4000

4050

4100

4150

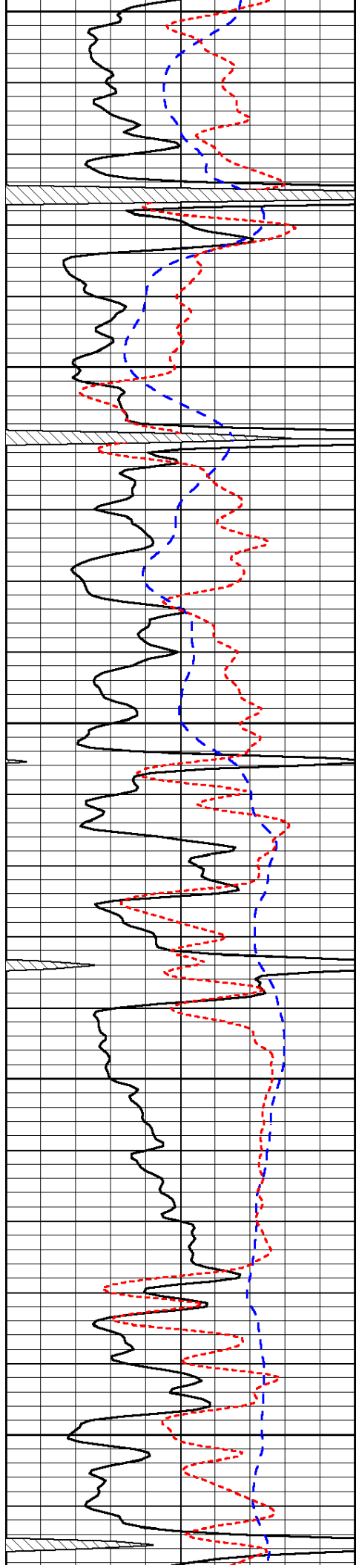


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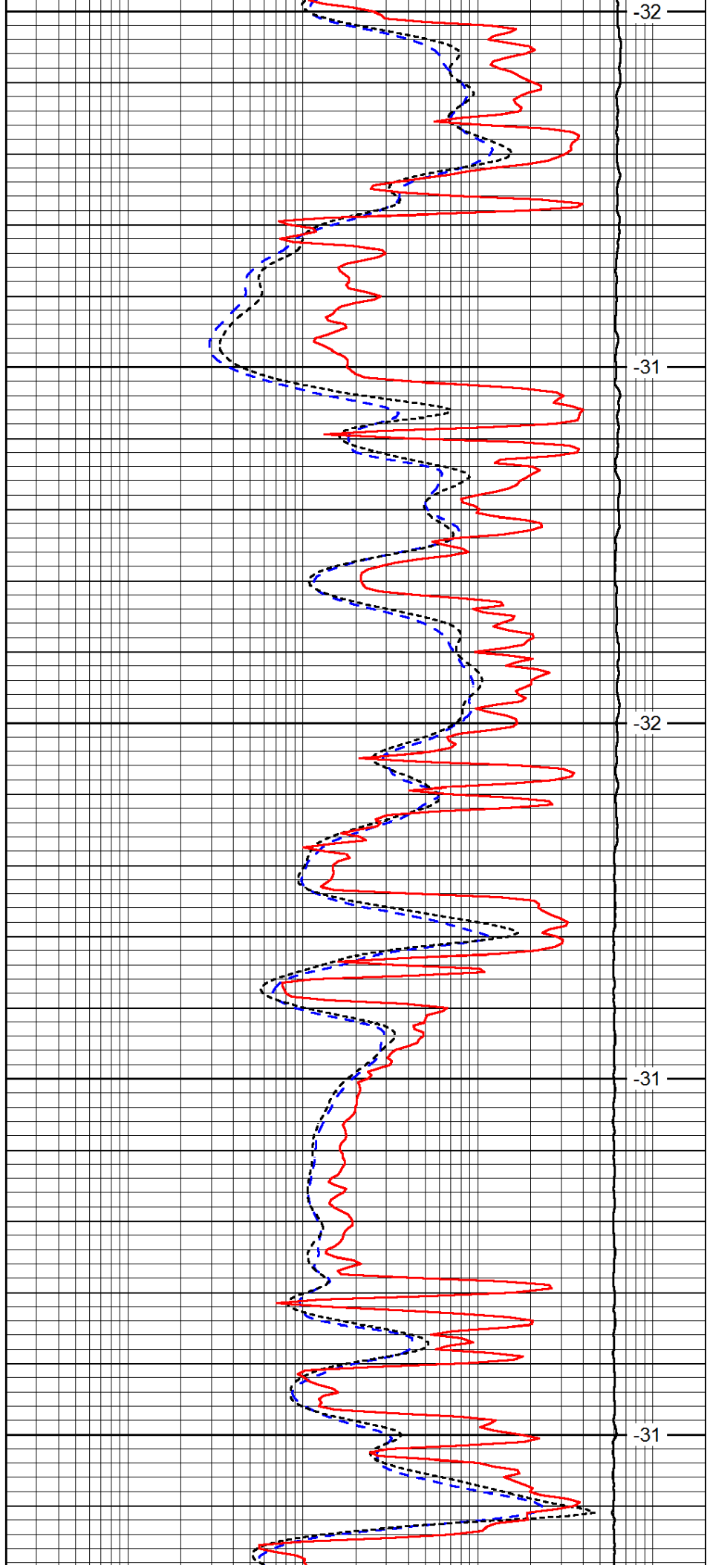
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4250

4300

4350

4400



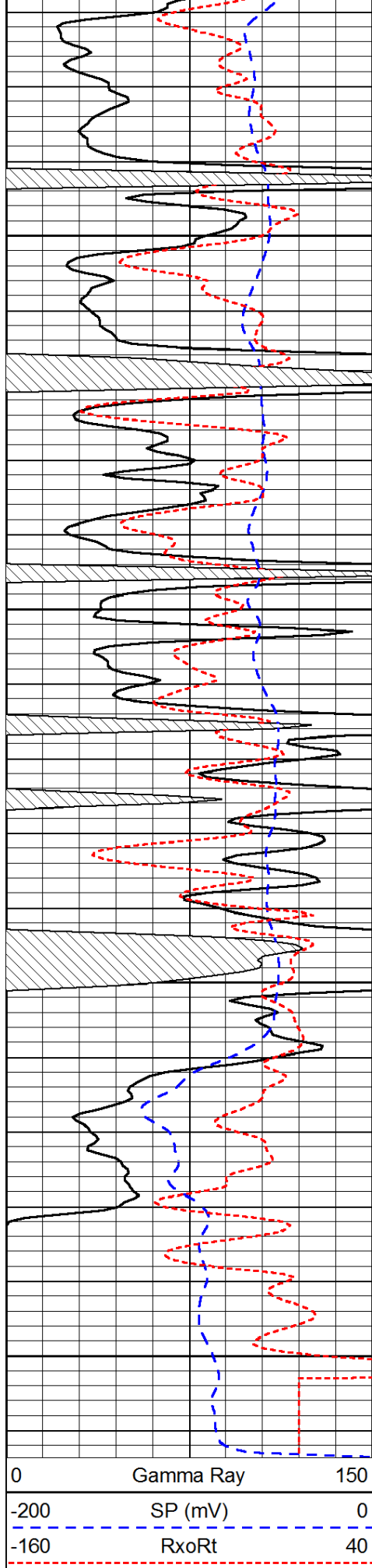
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-31

-32

-31

-31



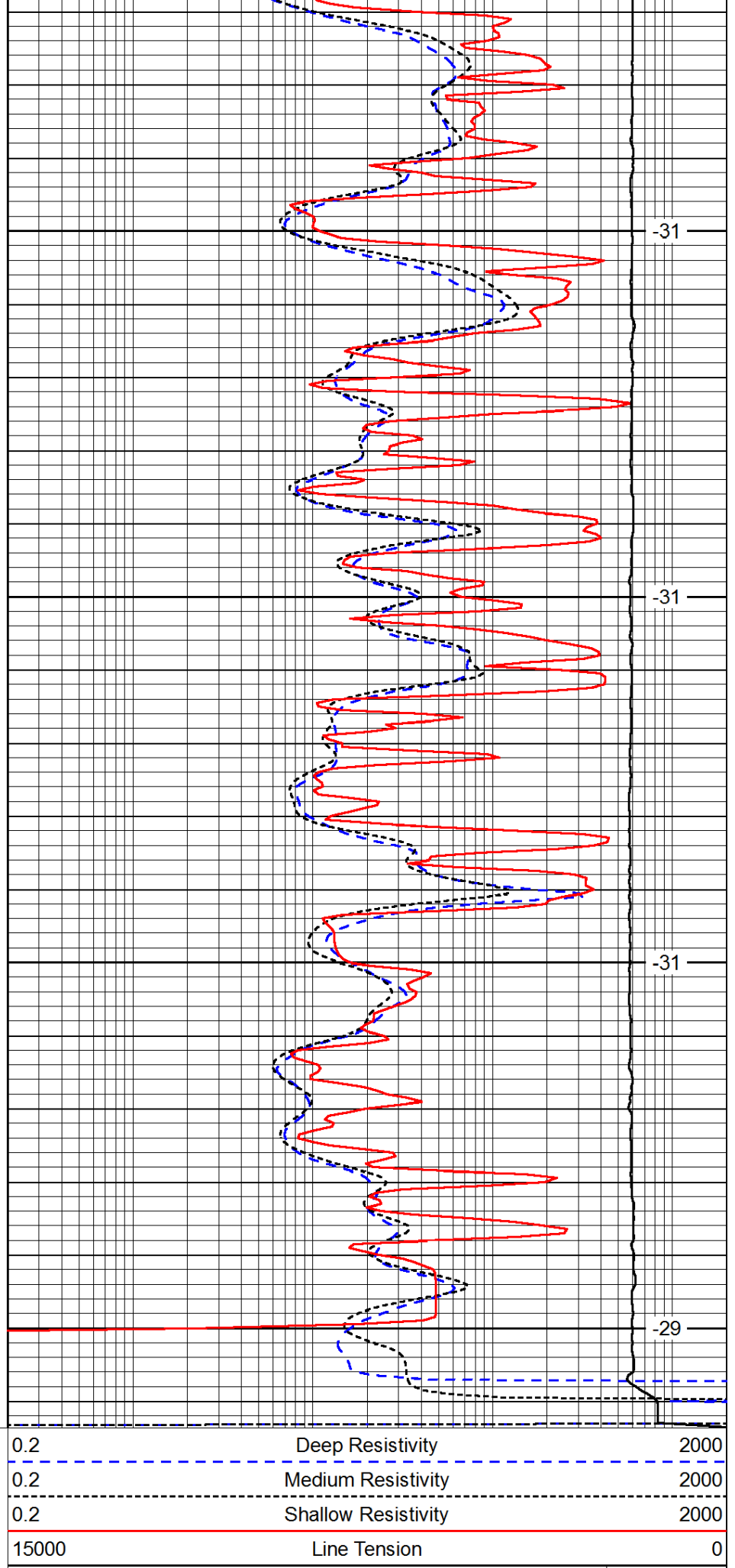
4450

4500

4550

4600

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



-31

-31

-31

-29

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

LSPD

