



Pioneer Energy Services

Dual Induction Log

15-095-22268-00-00

Company Wildcat Oil & Gas, LLC
Well Aldrich # 4
Field Spivey-Grabs-Basil
County Kingman **State** Kansas
Location 2235' FSL & 1698' FEL
Sec: 25 **Twp:** 30 S **Rge:** 8 W

Other Services
 CNL/CDL

Permanent Datum Ground Level Elevation 1552
Log Measured From Kelly Bushing 10 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Elevation
 K.B. 1562
 D.F. 1552
 G.L. 1552

Date	2/06/2013	
Run Number	One	
Depth Driller	4450	
Depth Logger	4427	
Bottom Logged Interval	4426	
Top Log Interval	200	
Casing Driller	8.625 @ 221	
Casing Logger	220	
Bit Size	7.875	
Type Fluid in Hole	Chemical	
Salinity, ppm CL	4000	
Density / Viscosity	9.4 41	
pH / Fluid Loss	11.0 10.0	
Source of Sample	Flowline	
Rm @ Meas. Temp	1.2 @ 42	
Rmf @ Meas. Temp	0.9 @ 42	
Rmc @ Meas. Temp	1.62 @ 42	
Source of Rmf / Rmc	Charts	
Rm @ BHT	0.41 @ 123	
Operating Rig Time	3 Hours	
Max Rec. Temp. F	123	
Equipment Number	91	
Location	Hays	
Recorded By	D. Schmidt	
Witnessed By	Tim Pierce	

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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.pioneerenergy.com
 785 625 3858
 Rago,
 South to 170th, 3 West, 1/2 North
 West into

Database File: c:\warrior\data\wildcat_aldrich # 4\wildcat0206hd2.db
 Dataset Pathname: dil/wcstack2
 Presentation Format: dil2in
 Dataset Creation: Wed Feb 06 13:31:38 2013
 Charted by: Depth in Feet scaled 1:600

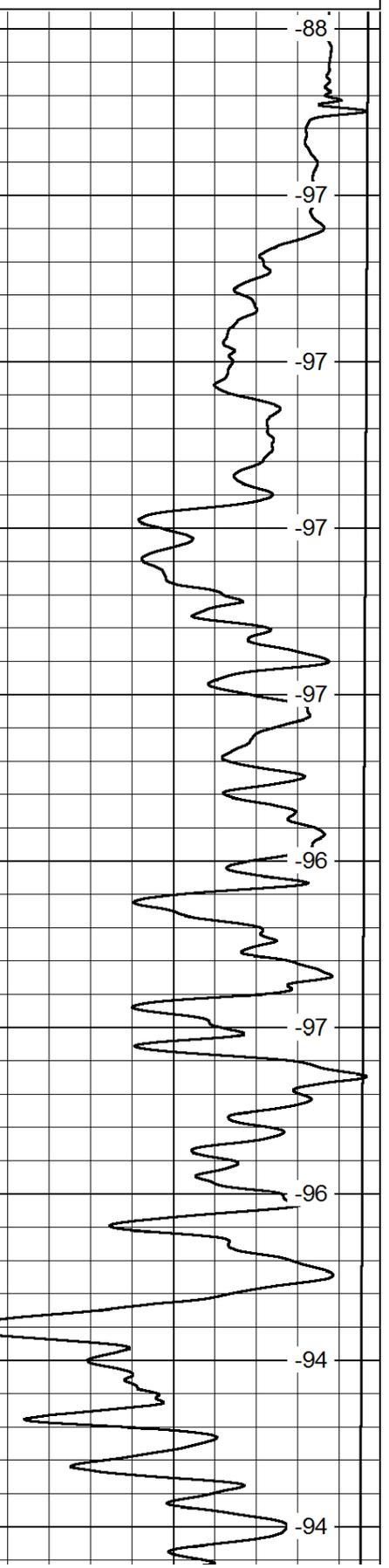
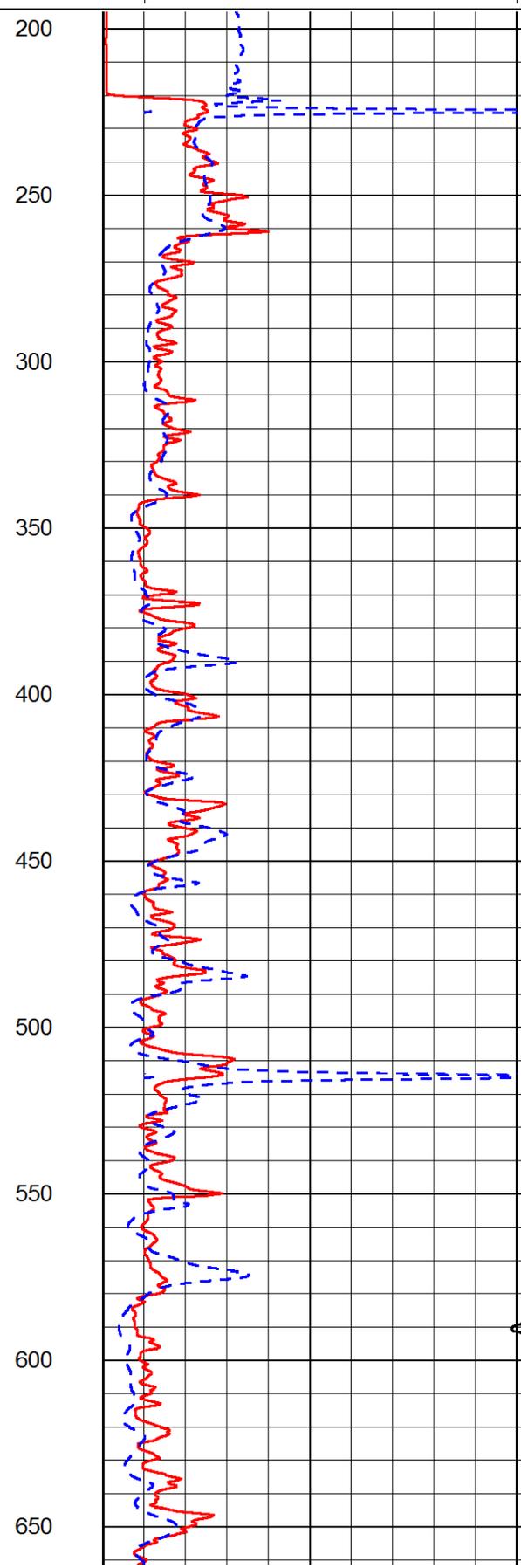
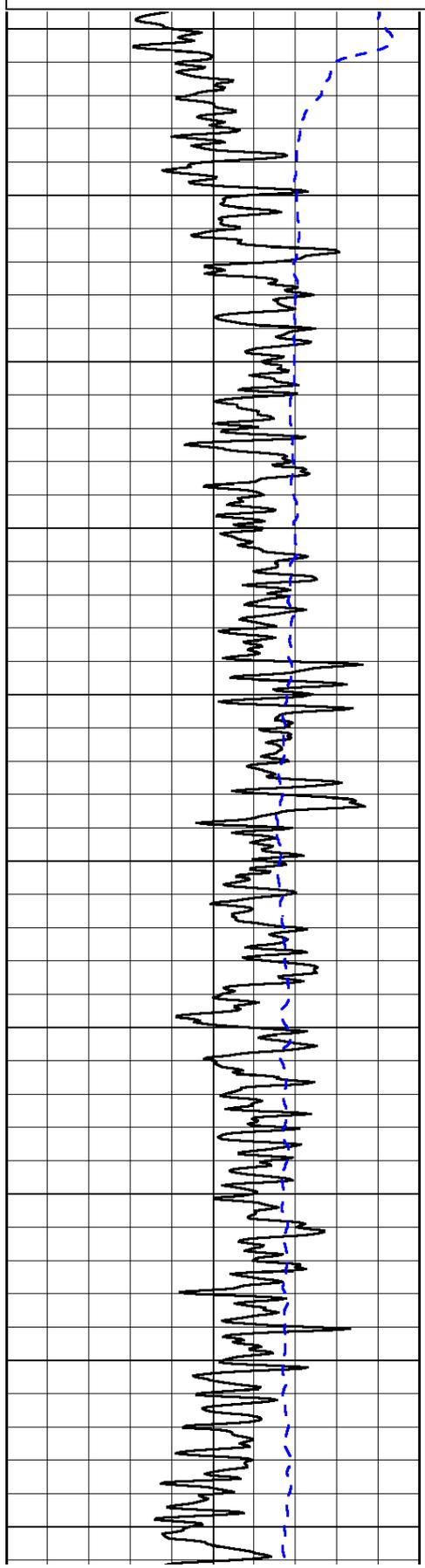
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-200	SP (mV)	0

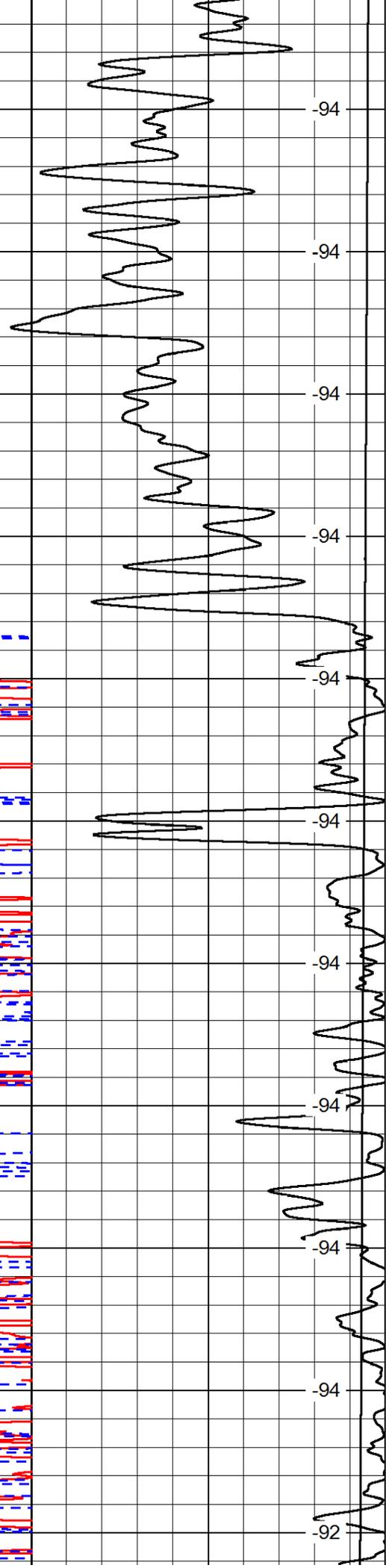
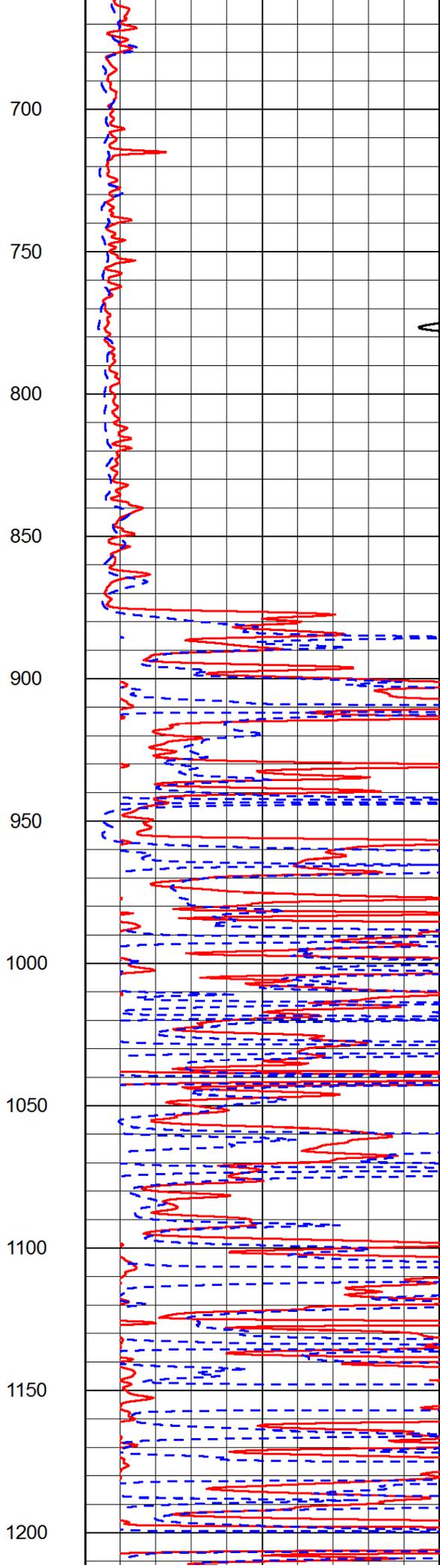
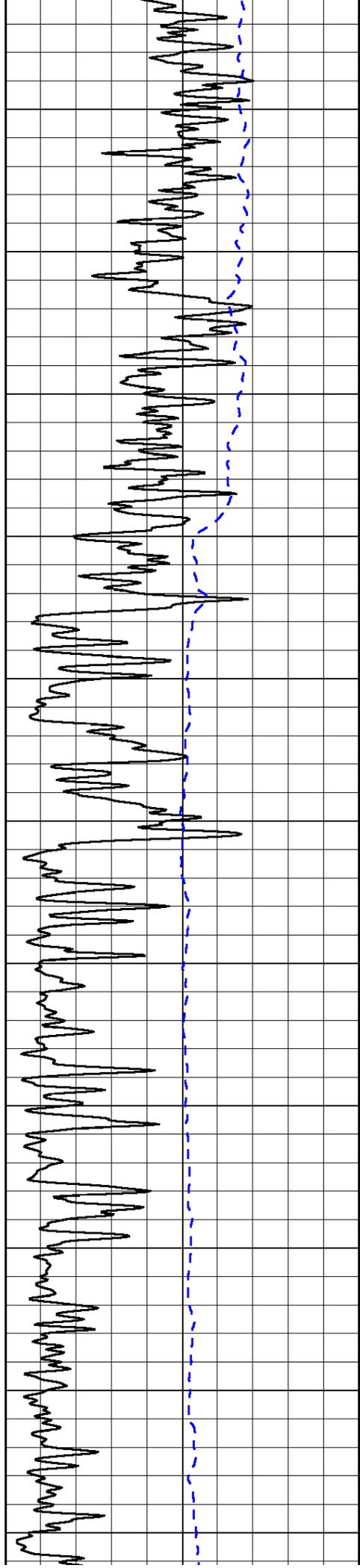
0	Shallow Resistivity	50
0	Deep Resistivity	50

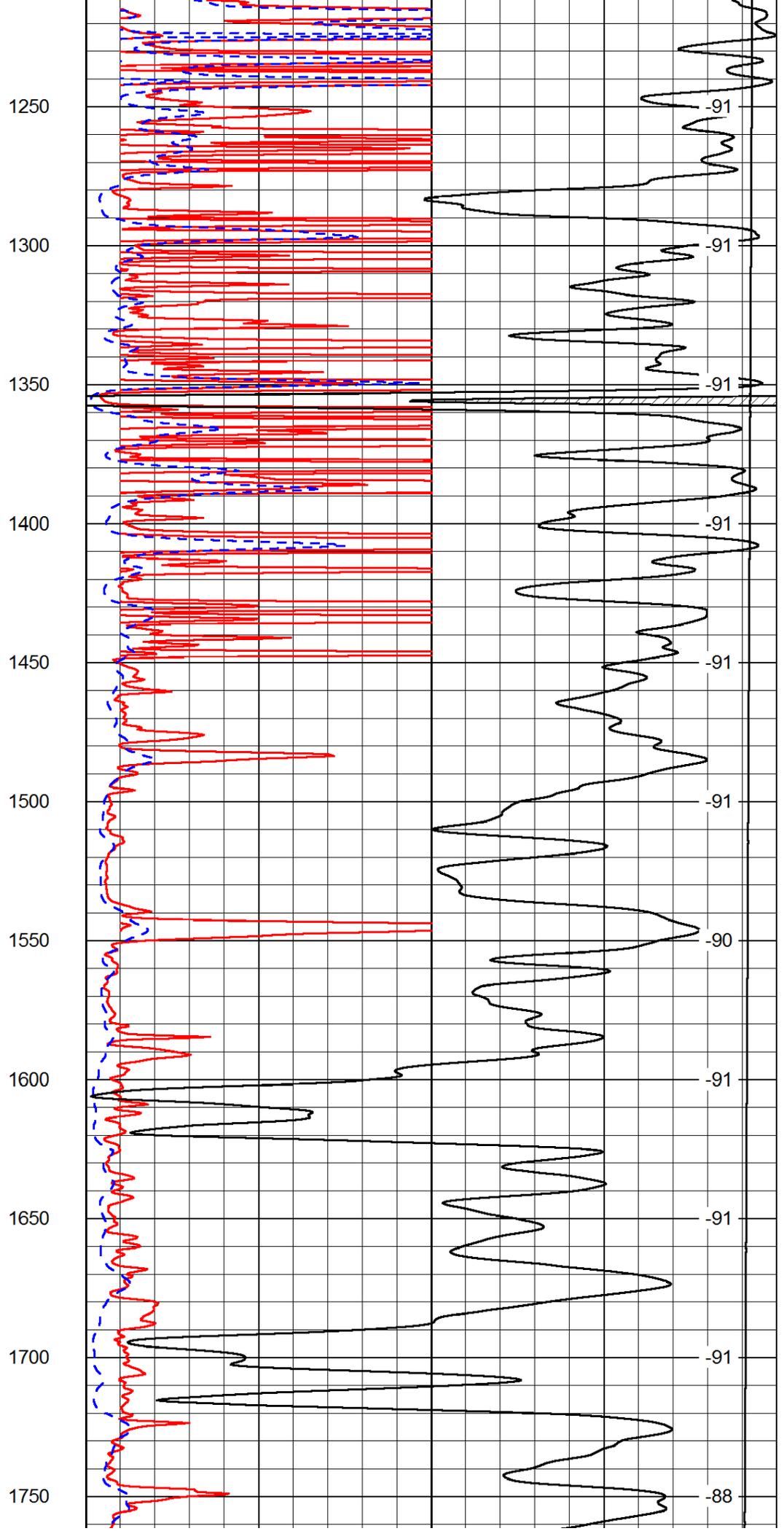
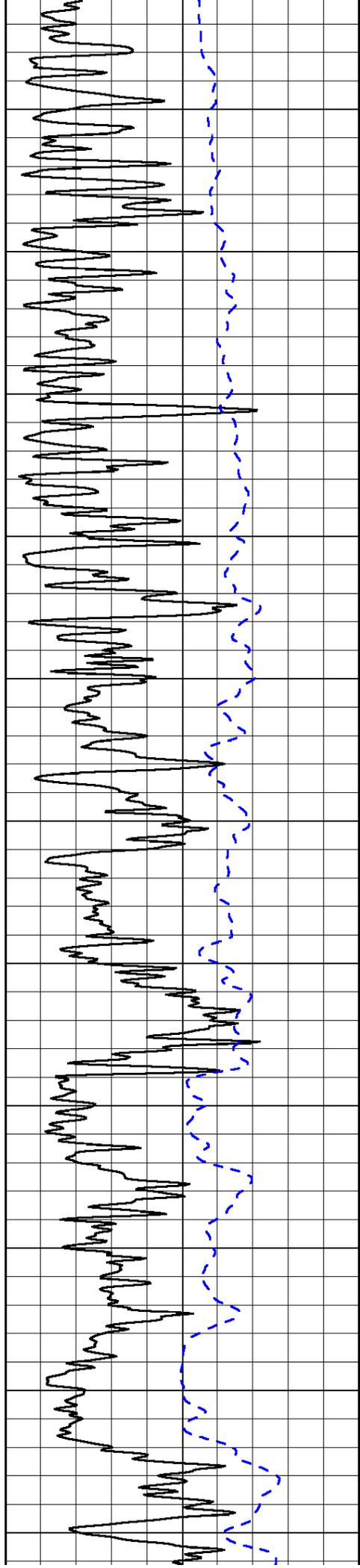
LSPD

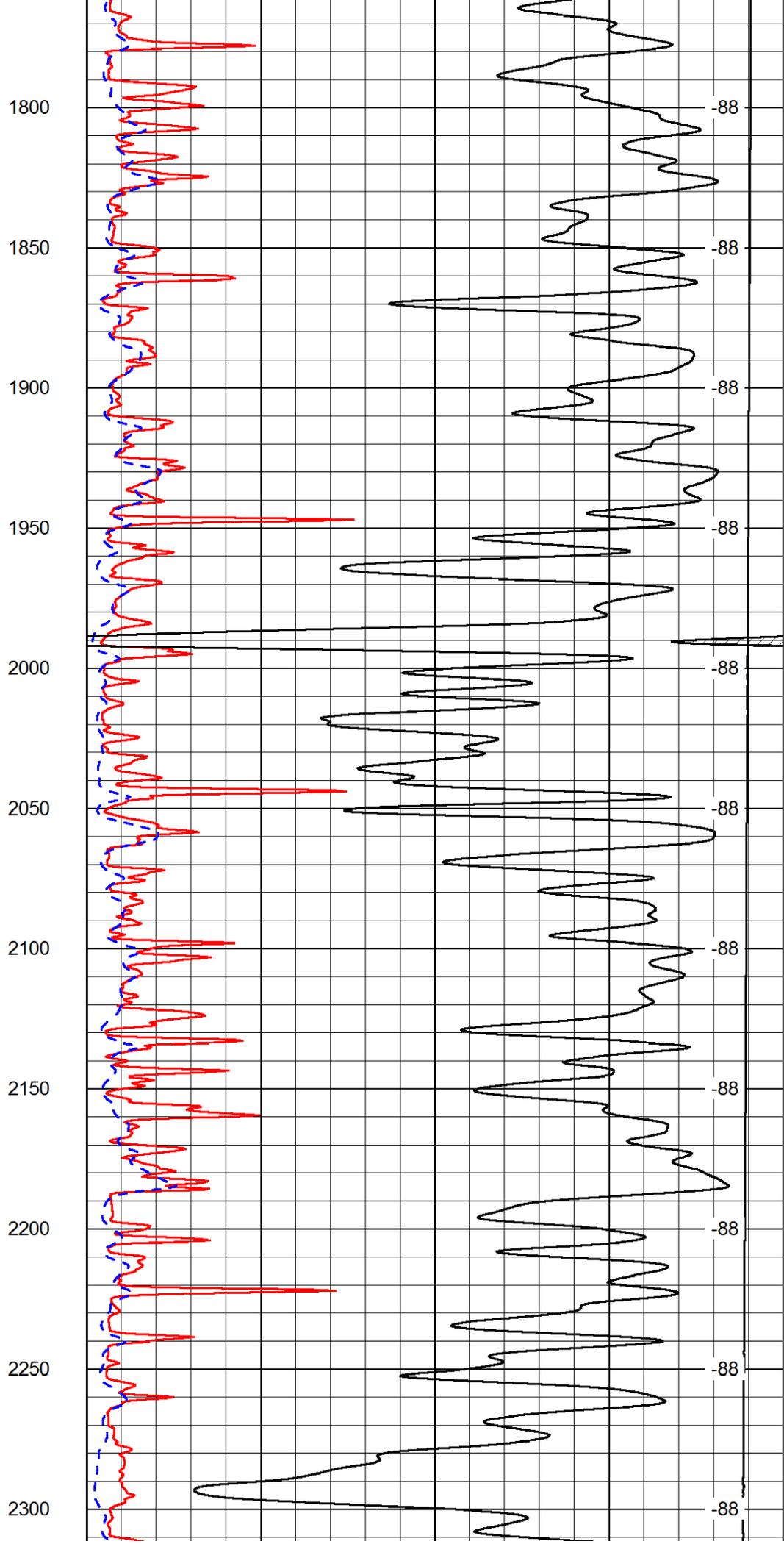
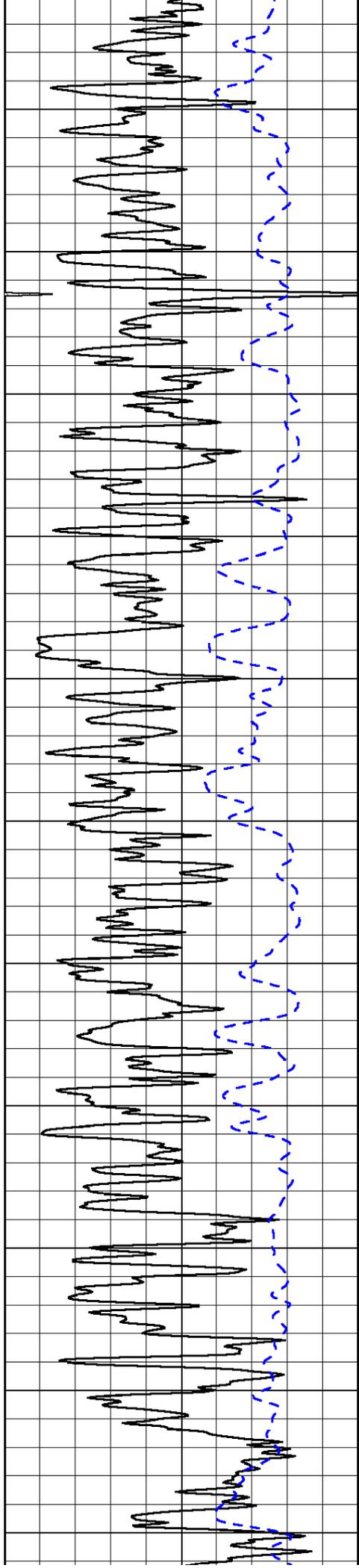
1000	Conductivity	0
15000	Line Tension	0

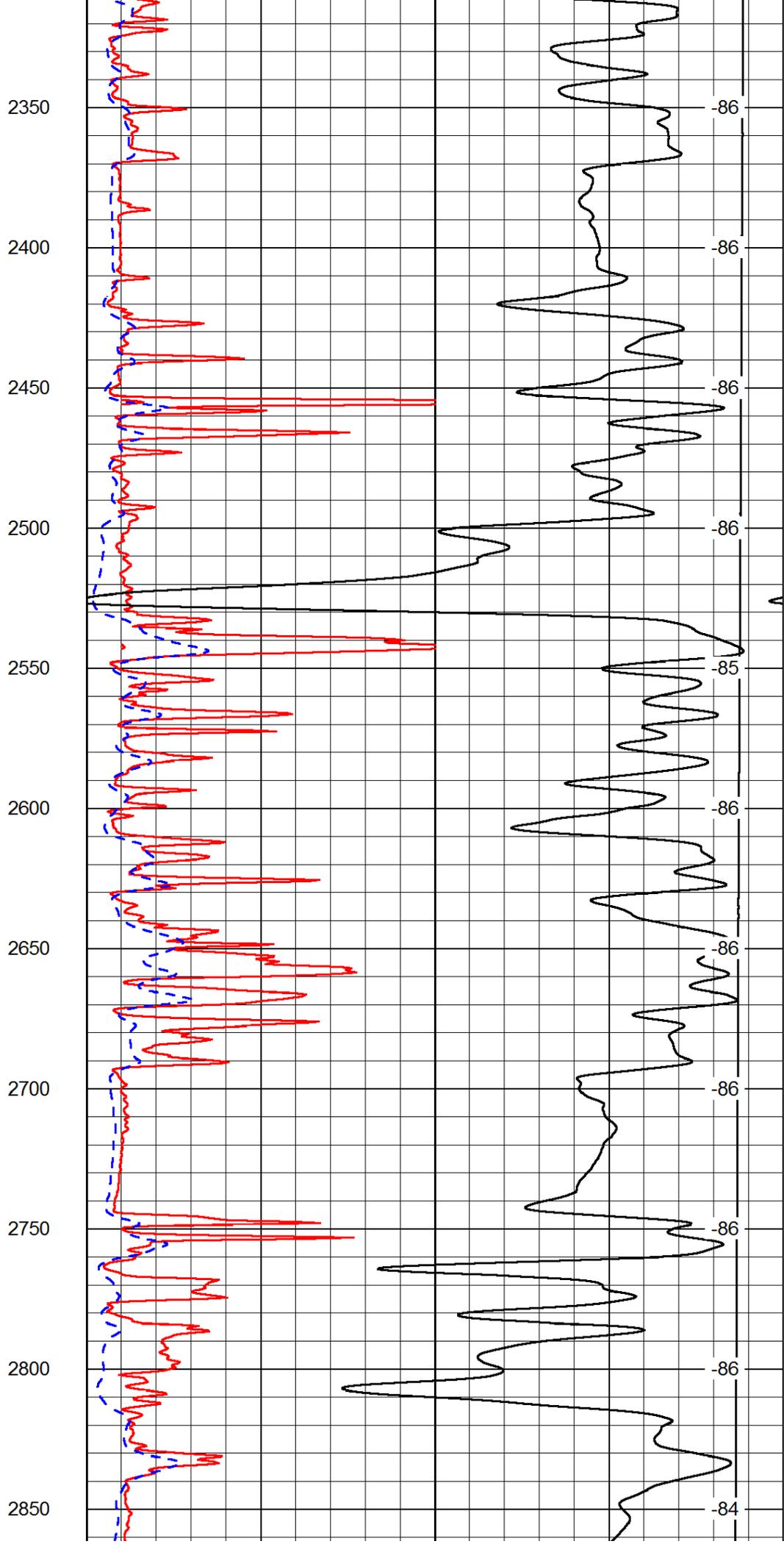
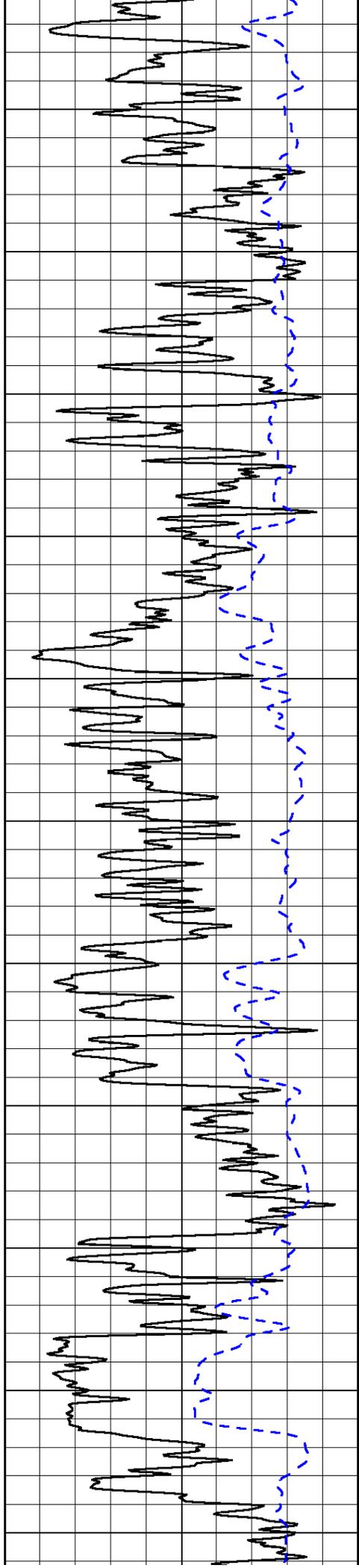
50	Shallow Resistivity	500
50	Deep Resistivity	500

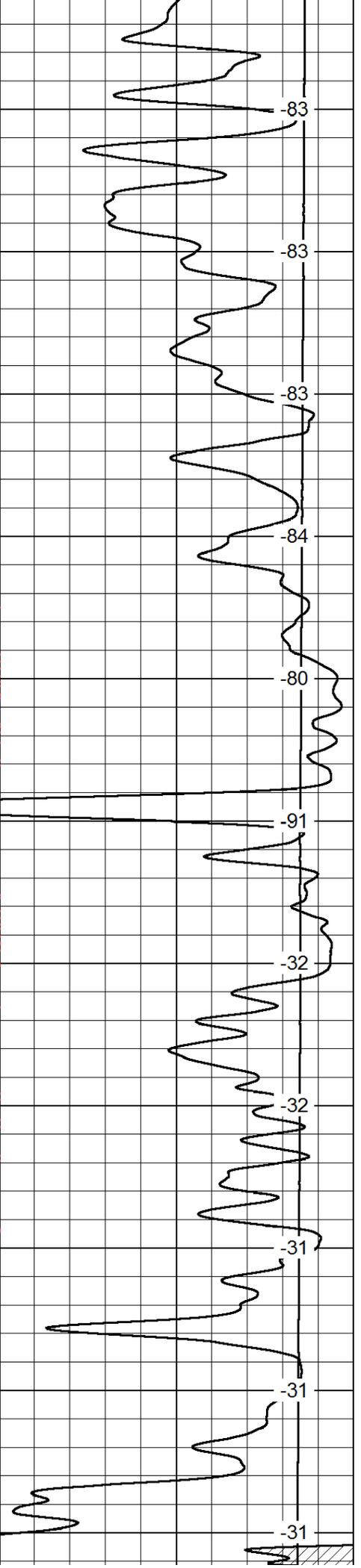
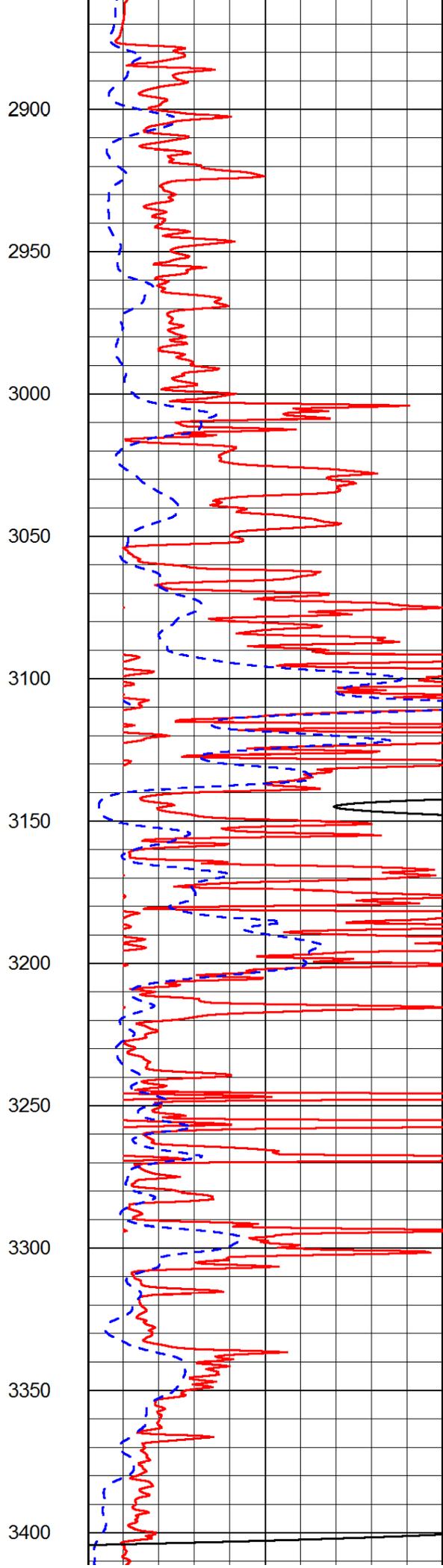
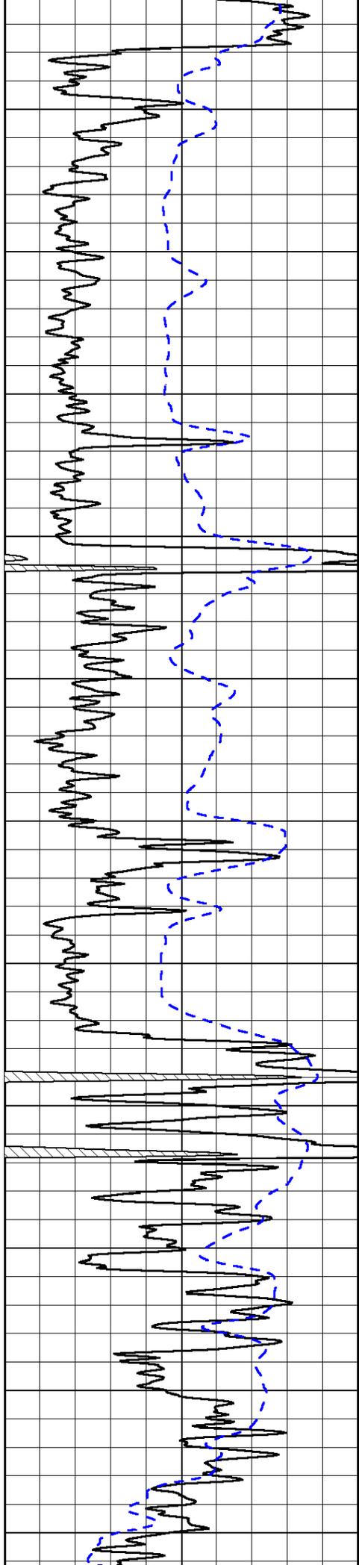


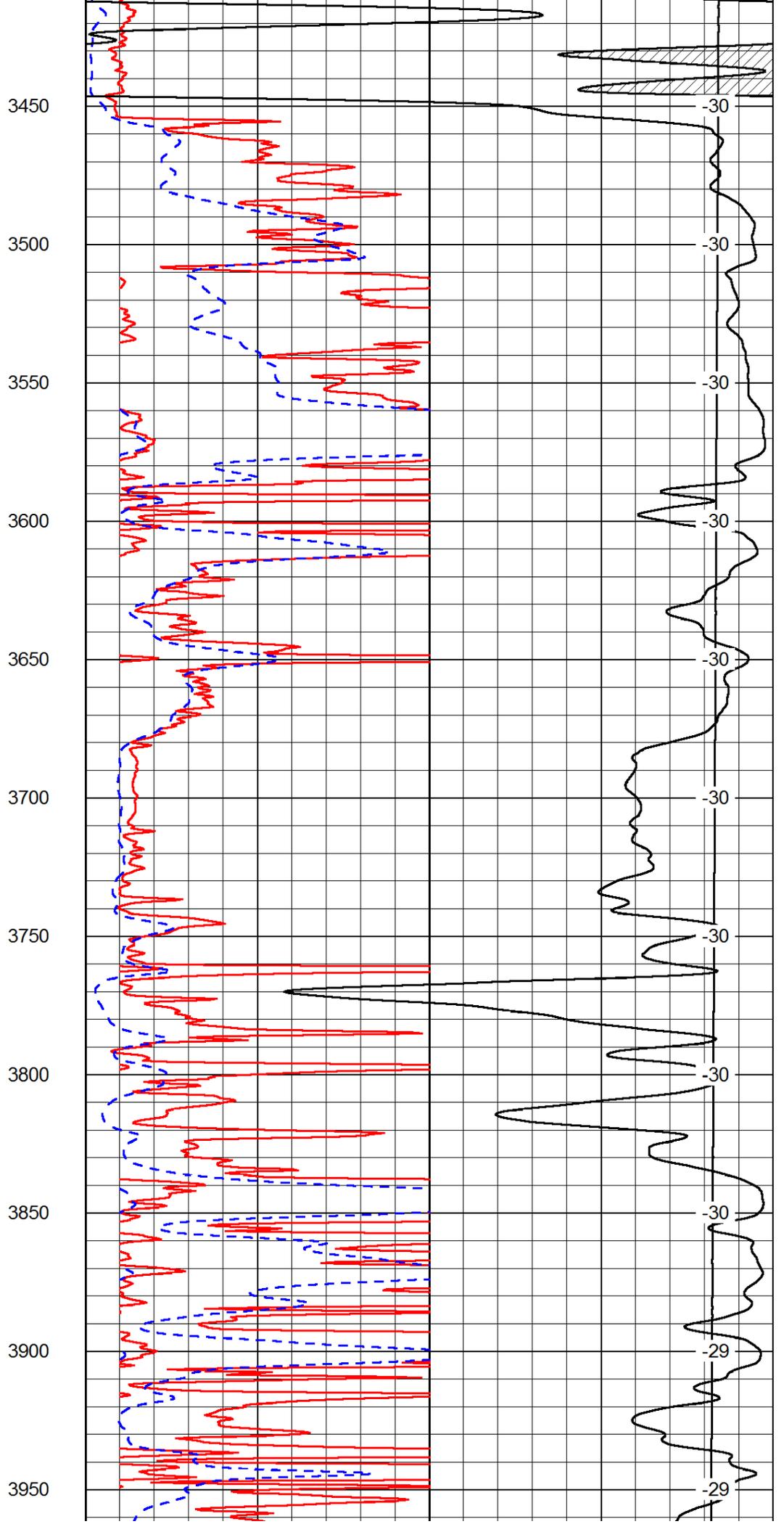
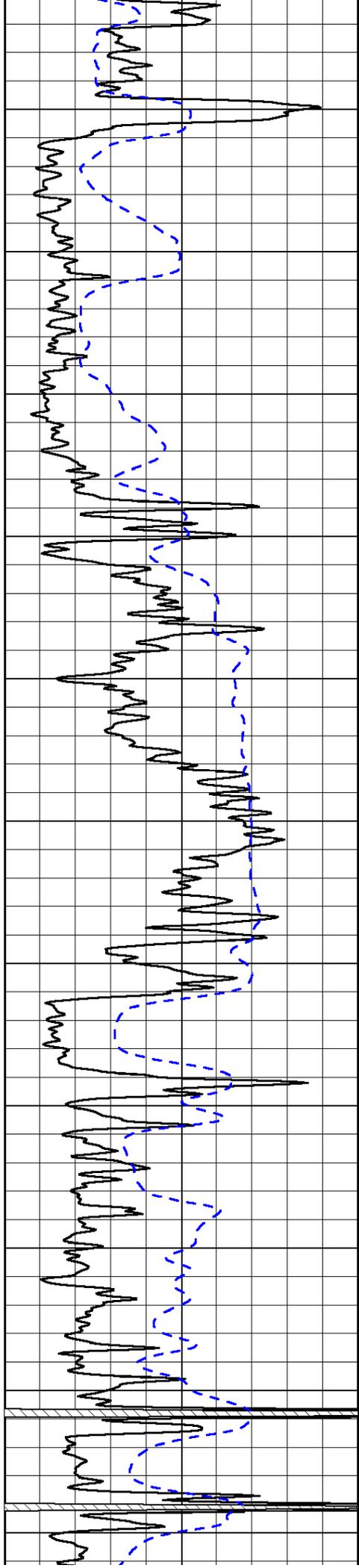


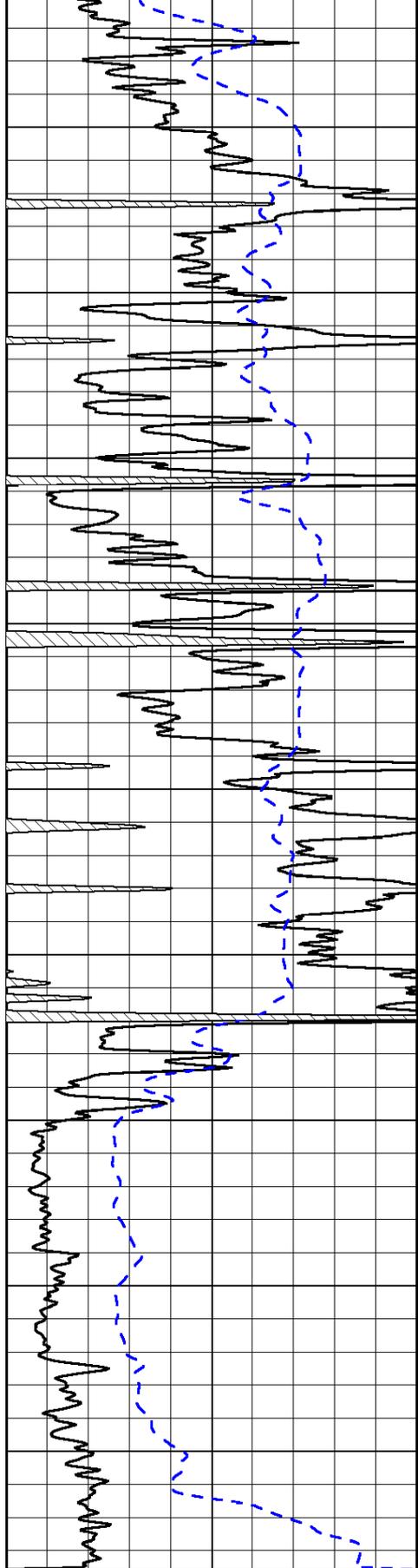




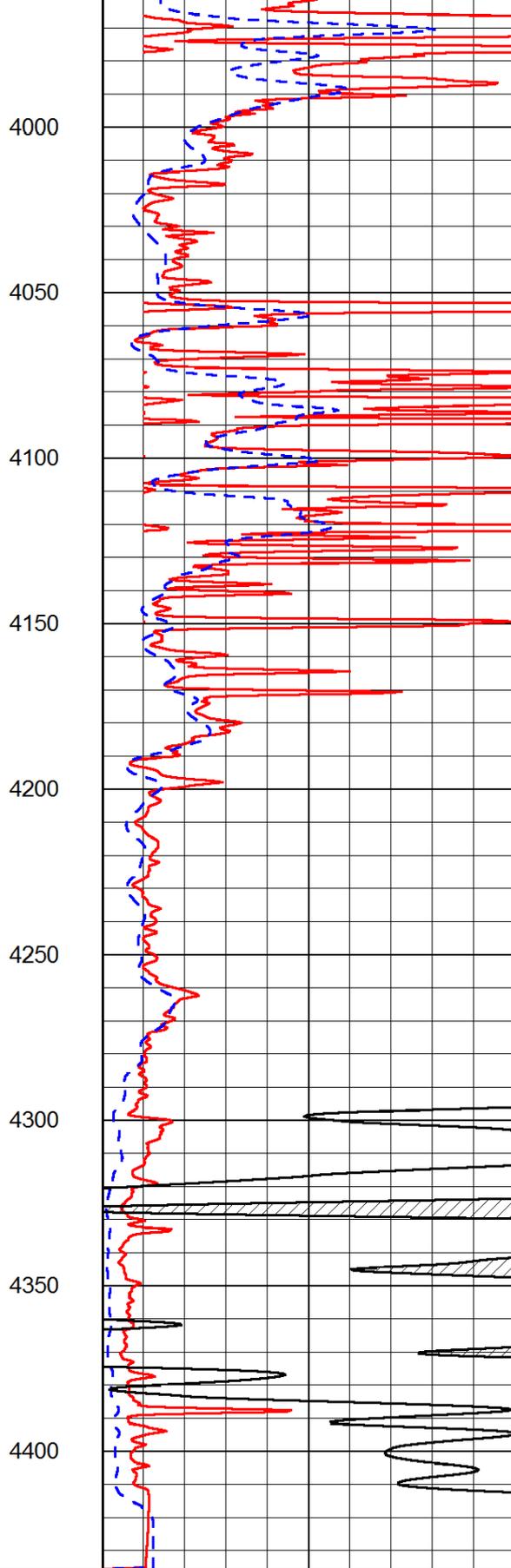




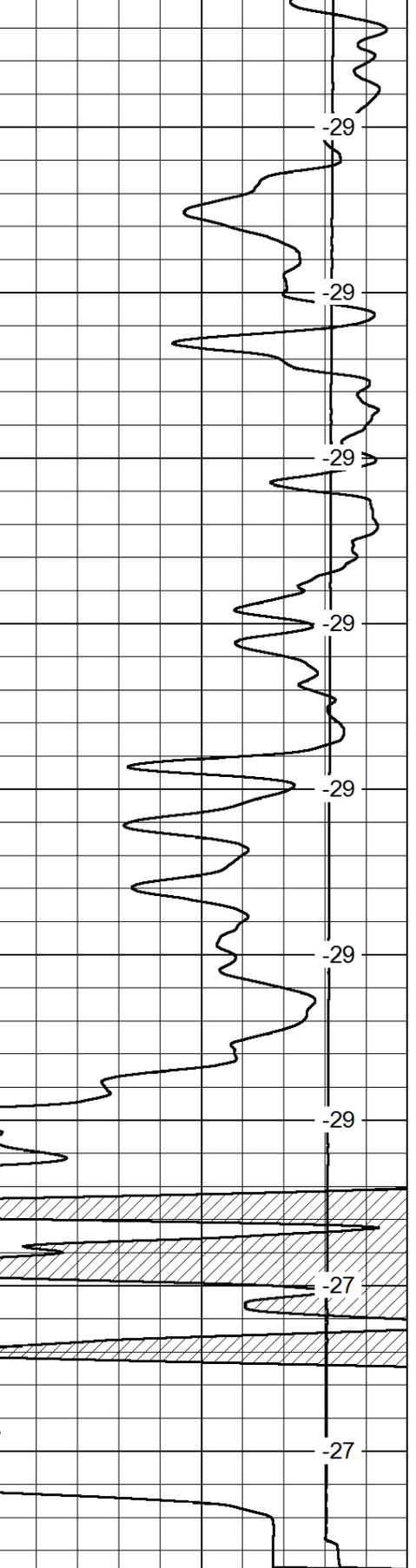




0 Gamma Ray 150
 -200 SP (mV) 0



0 Shallow Resistivity 50
 0 Deep Resistivity 50

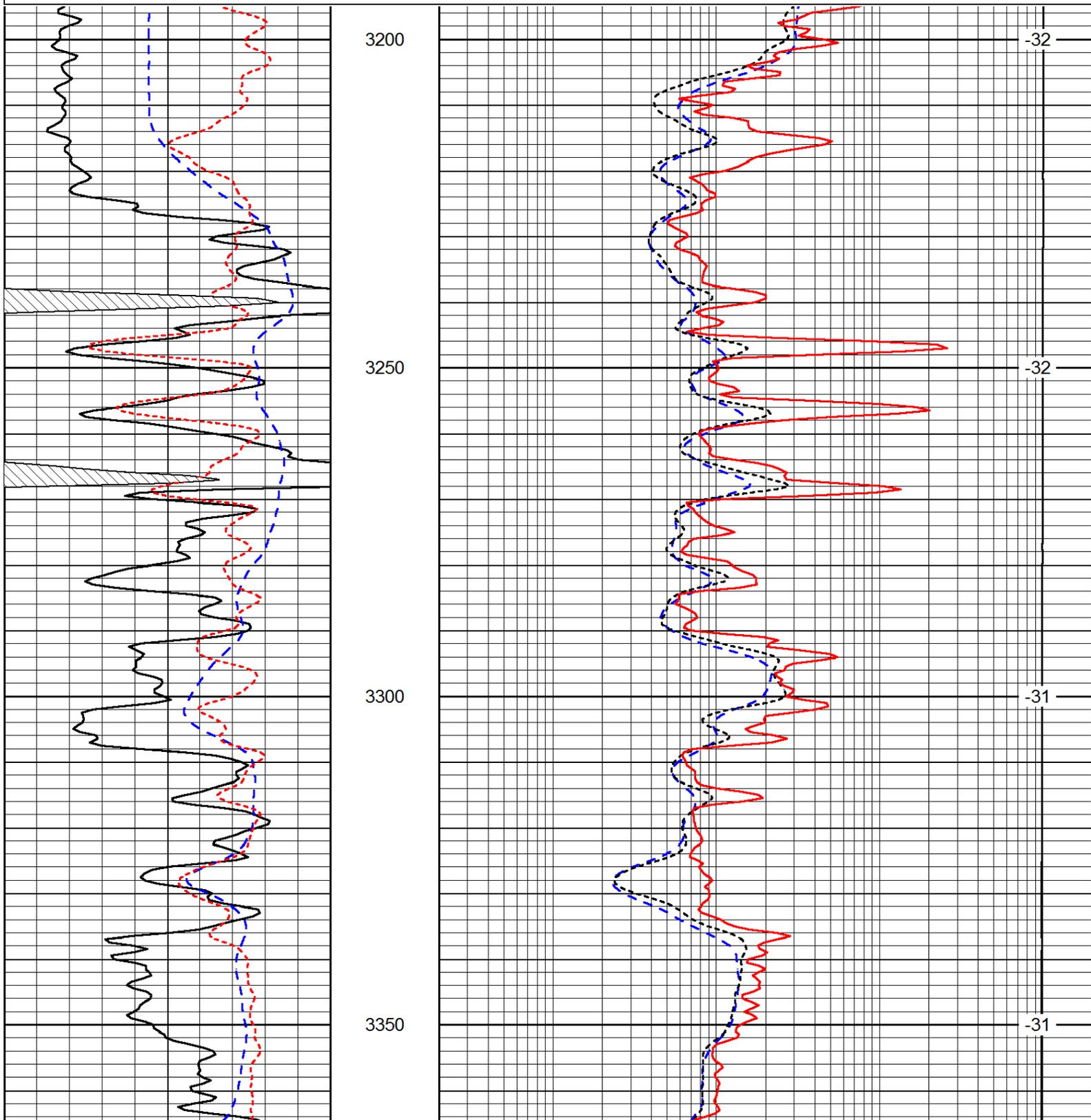


1000 Conductivity 0
 15000 Line Tension 0

50 Shallow Resistivity 50
 50 Deep Resistivity 50

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0	Gamma Ray	150	0.2	Deep Resistivity	2000
-200	SP (mV)	0	0.2	Medium Resistivity	2000
-160	RxoRt	40	0.2	Shallow Resistivity	2000
			15000	Line Tension	0
					LSPD



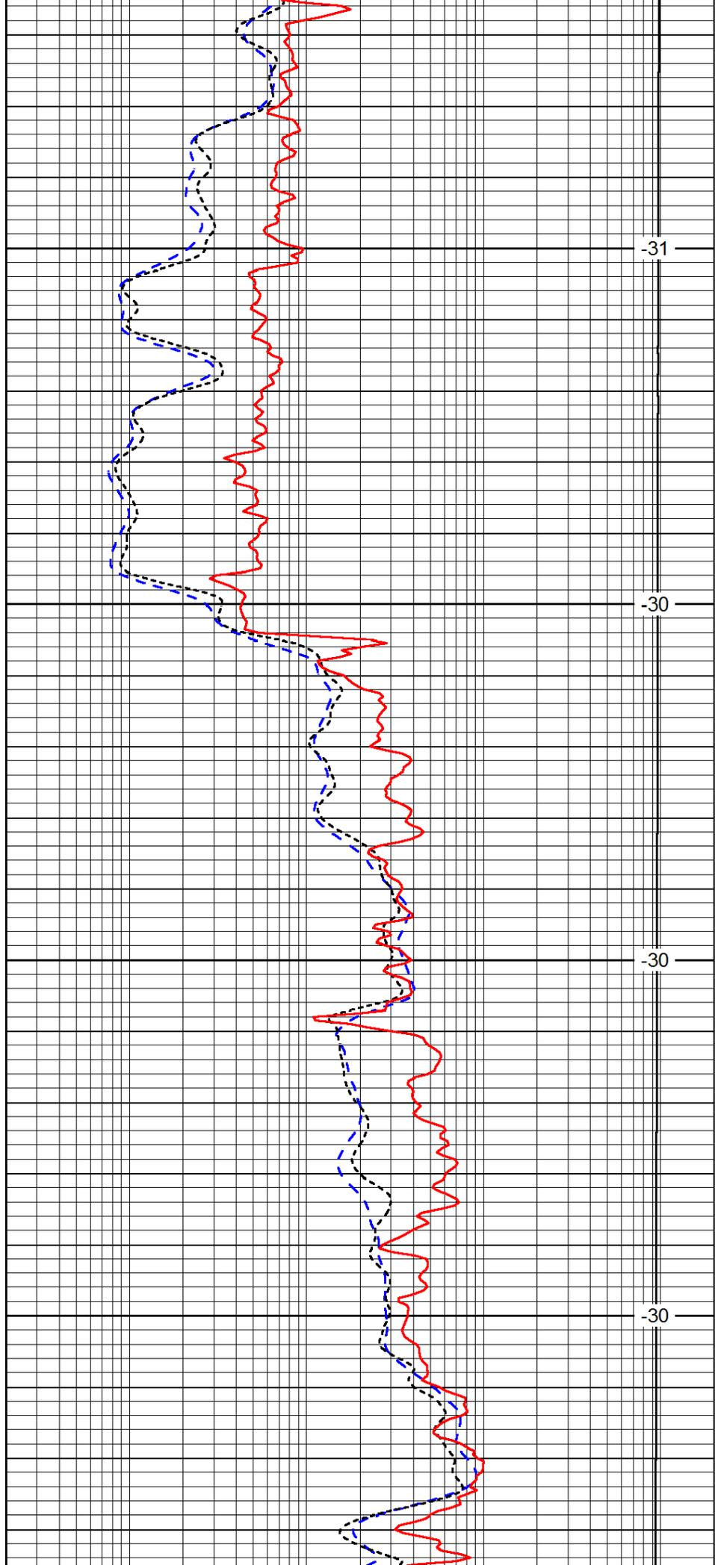


3400

3450

3500

3550

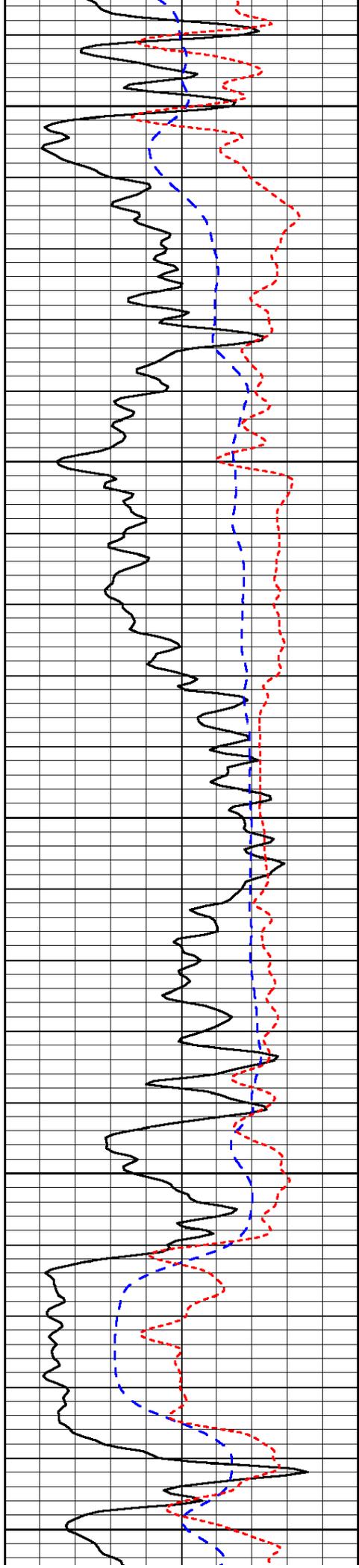


-31

-30

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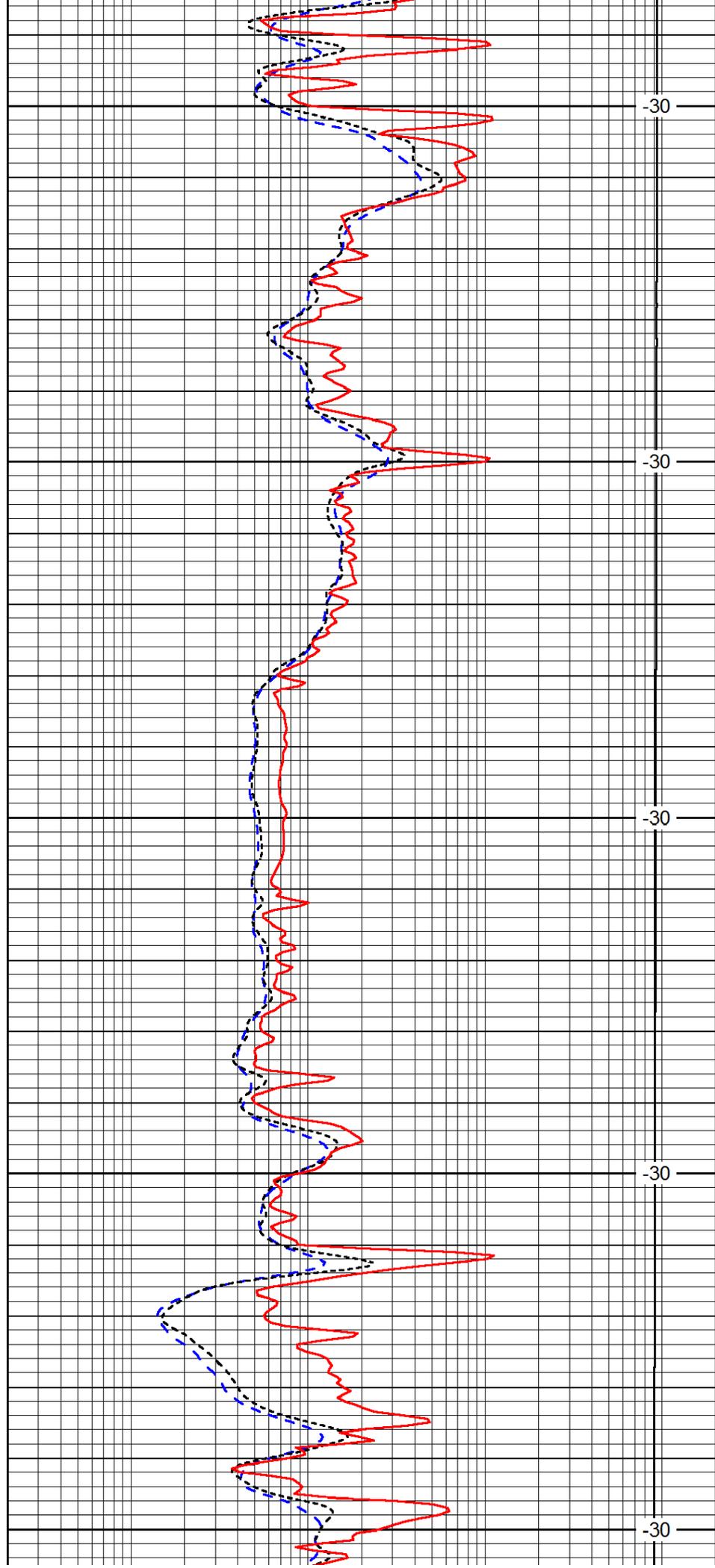
3600

3650

3700

3750

3800



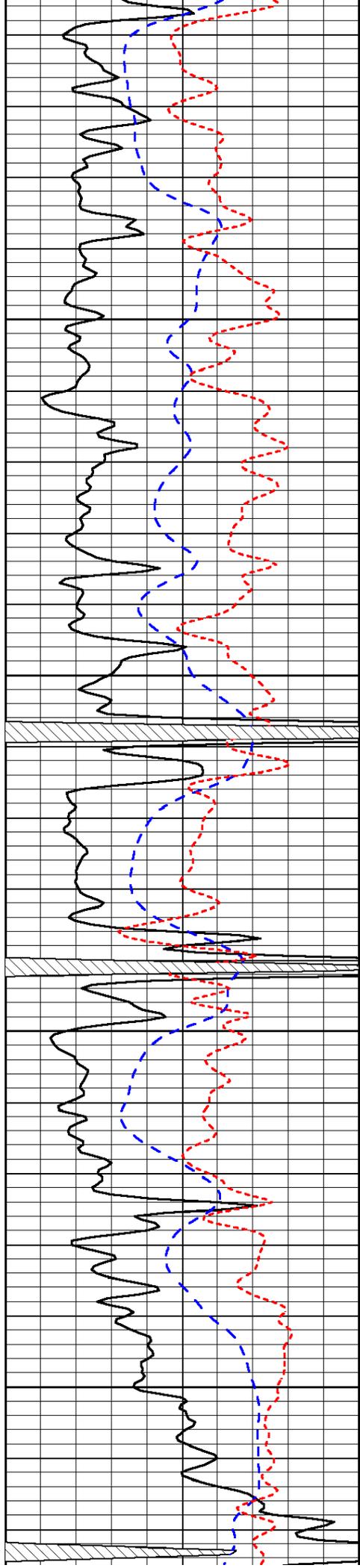
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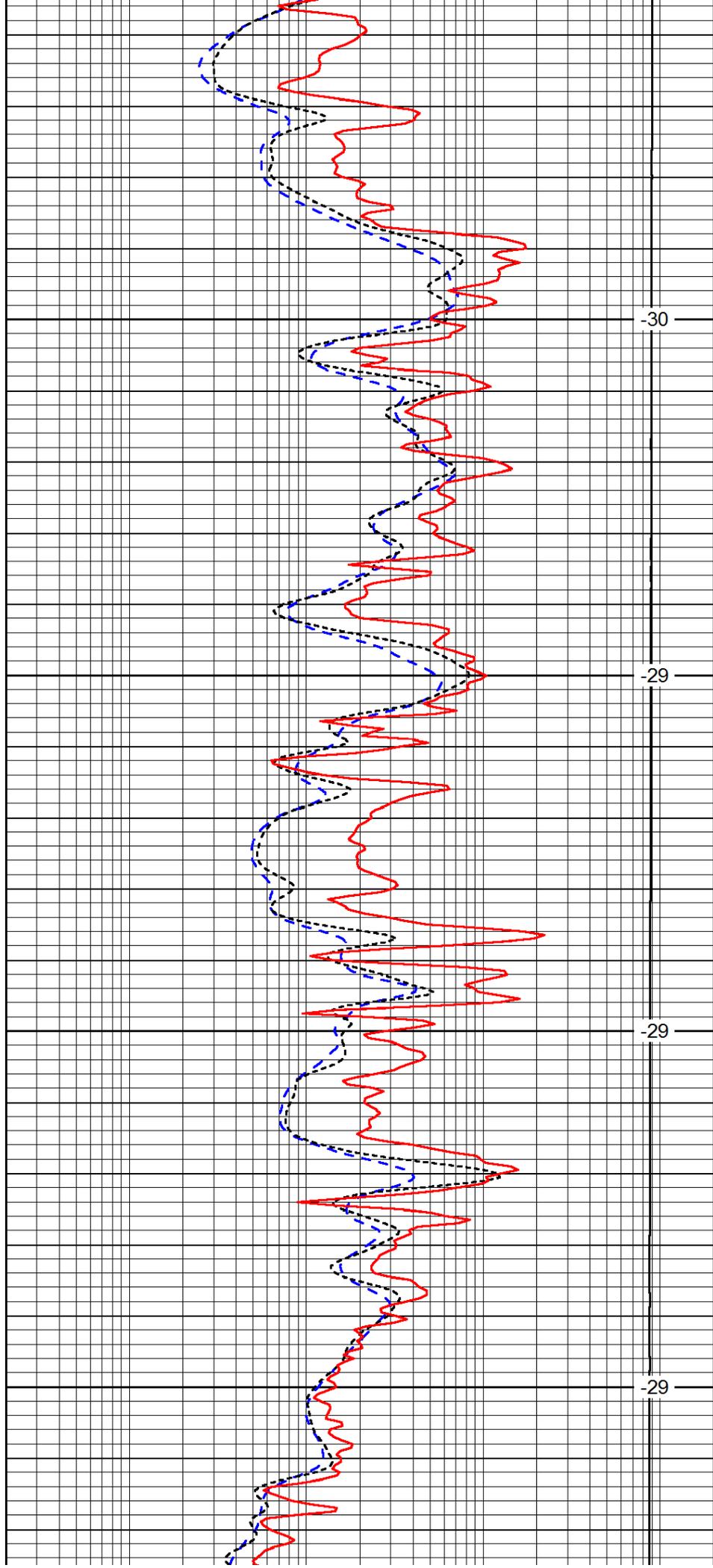


3850

3900

3950

4000

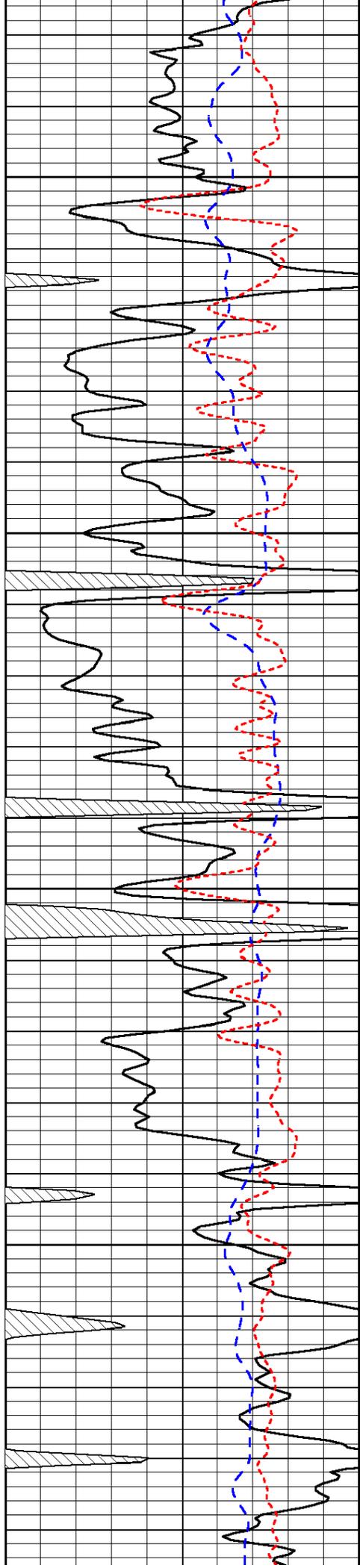


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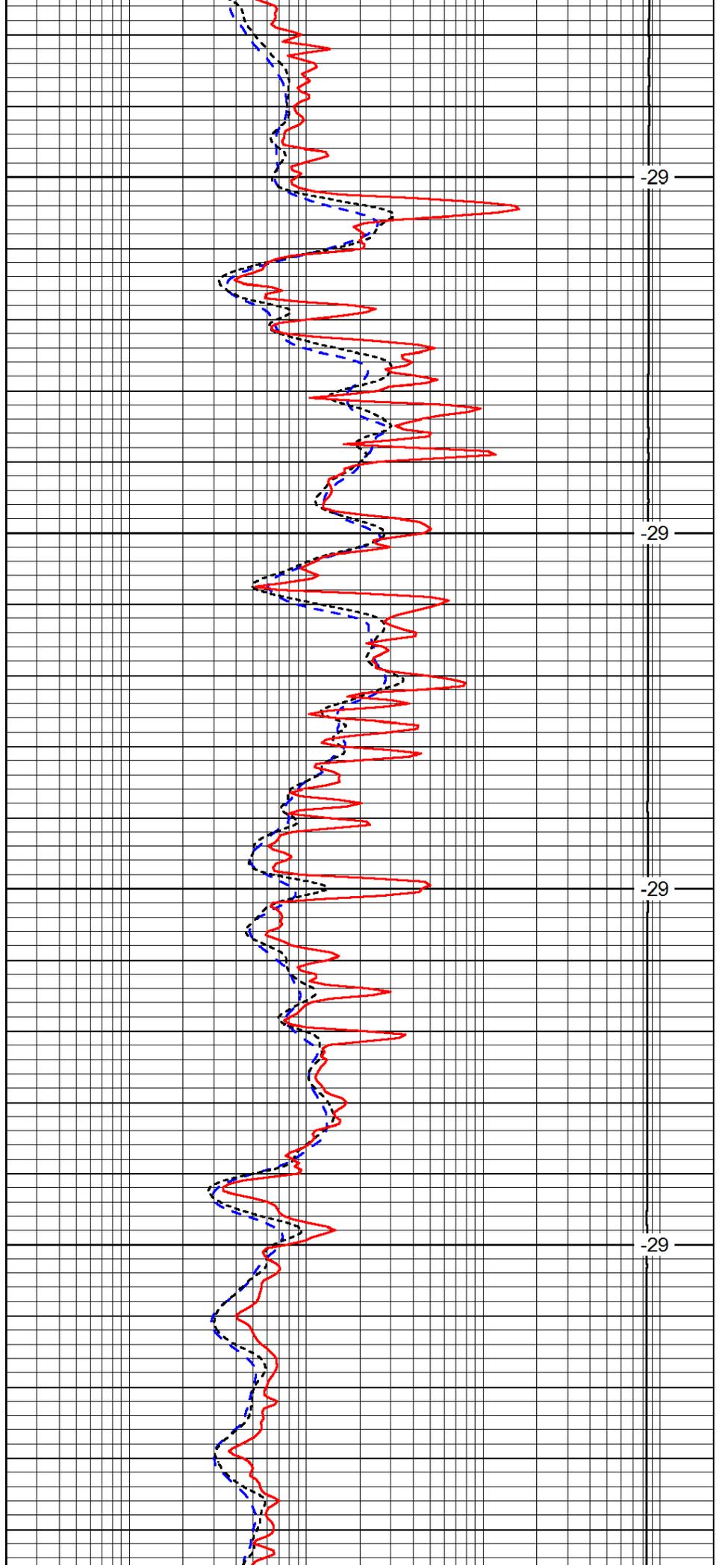


4050

4100

4150

4200

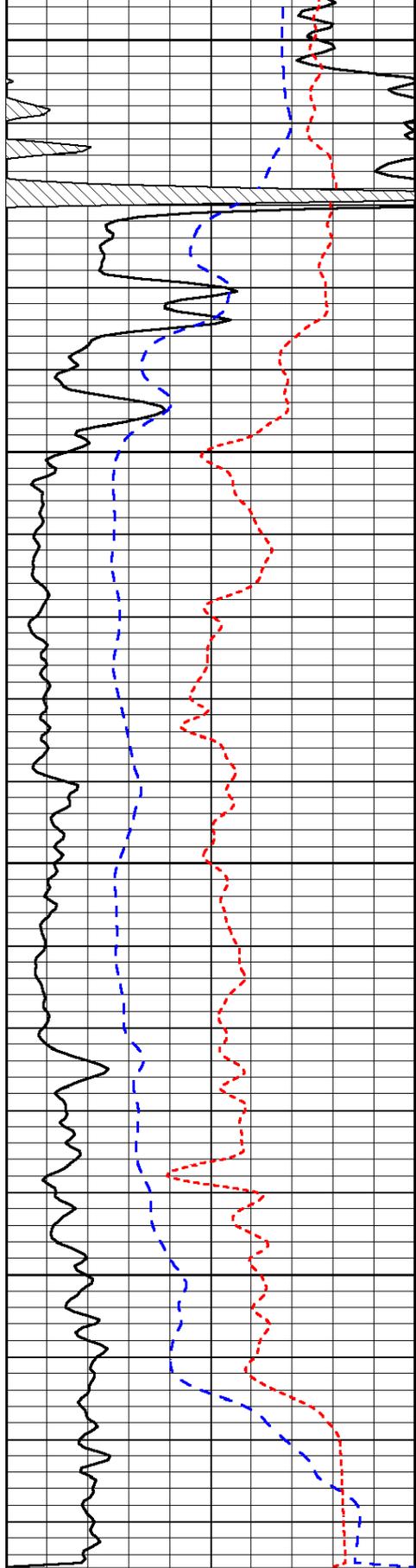


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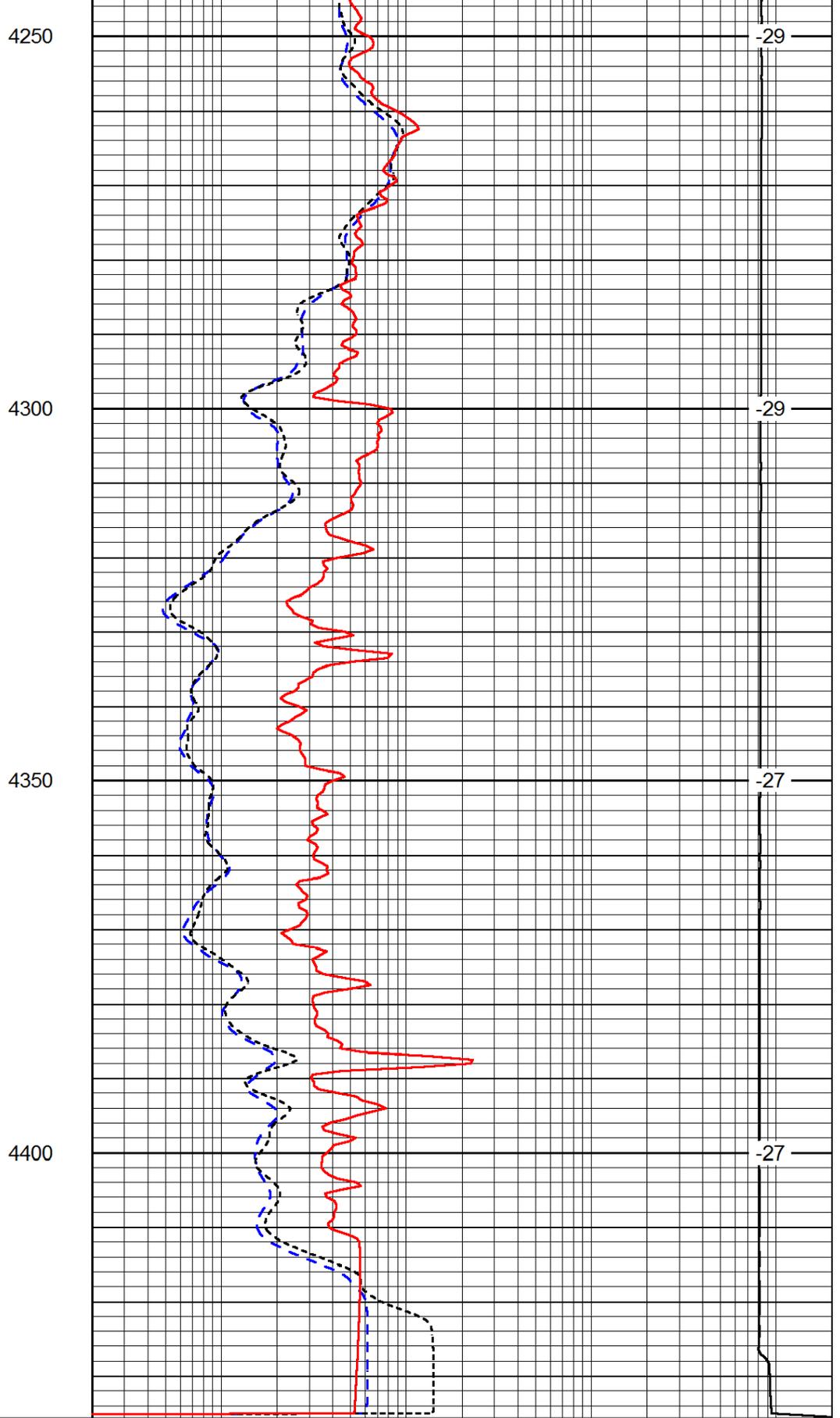
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-29

-29



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