



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.	Company American Warrior, Inc.		
15-135-25,341-00-00	Well O'Brate No. 5		
	Field Schaben		
	County Ness	State	Kansas
	Location	920' FSL & 1720' FWL	
	Sec: 23	Twp: 19 S	Rge: 22 W
	Permanent Datum	Ground Level	Elevation 2234
	Log Measured From	Kelly Bushing	6 Ft. Above Perm. Datum
	Drilling Measured From	Kelly Bushing	K.B. 2240 D.F. 2234 G.L. 2234
Date	2/23/2012		
Run Number	One		
Depth Driller	4380		
Depth Logger	4380		
Bottom Logged Interval	4379		
Top Log Interval	200		
Casing Driller	8.625 @ 223		
Casing Logger	219		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	11,200		
Density / Viscosity	9.3 45		
pH / Fluid Loss	9.5 9.6		
Source of Sample	Flowline		
Rm @ Meas. Temp	.70 @ 55		
Rmf @ Meas. Temp	.53 @ 55		
Rmc @ Meas. Temp	.95 @ 55		
Source of Rmf / Rmc	Charts		
Rm @ BHT	.32 @ 122		
Operating Rig Time	3 Hours		
Max Rec. Temp. F	122		
Equipment Number	91		
Location	Hays		
Recorded By	K. Bange		
Witnessed By	Jason Alm		

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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

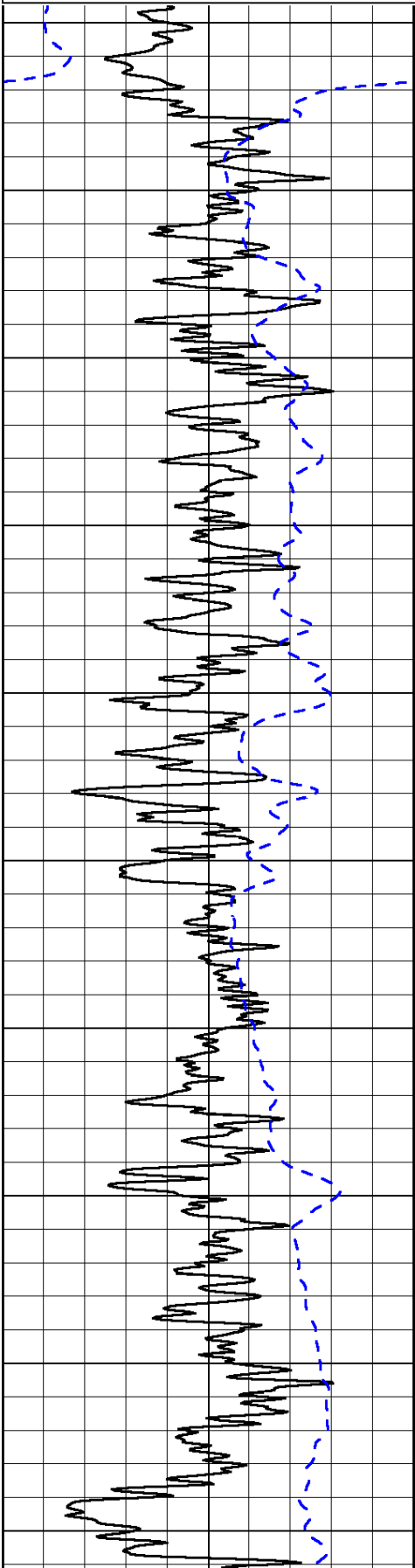
Thank you for using Log-Tech, Inc.
(785) 625-3858

Bazine, 6 S to 80 rd,
1 3/4 W, N into

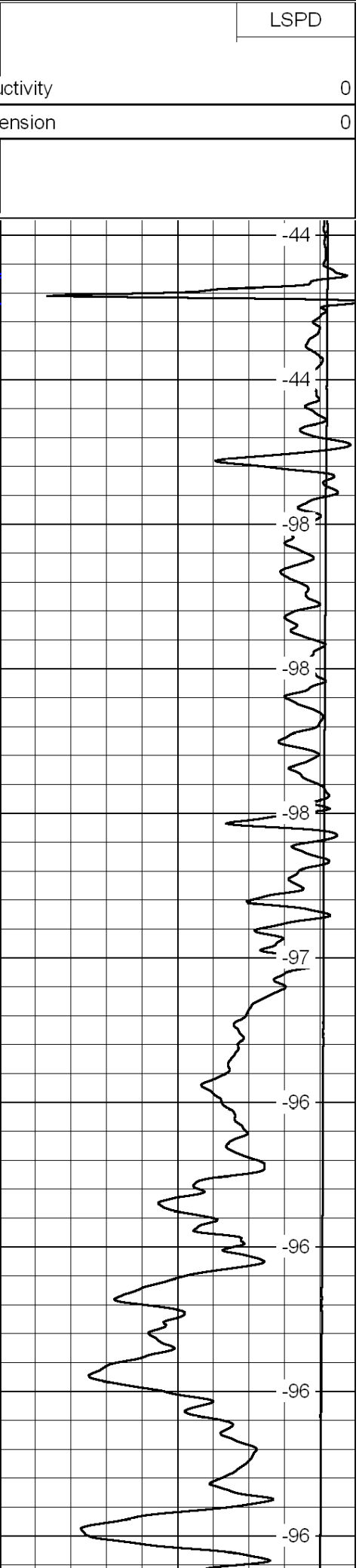
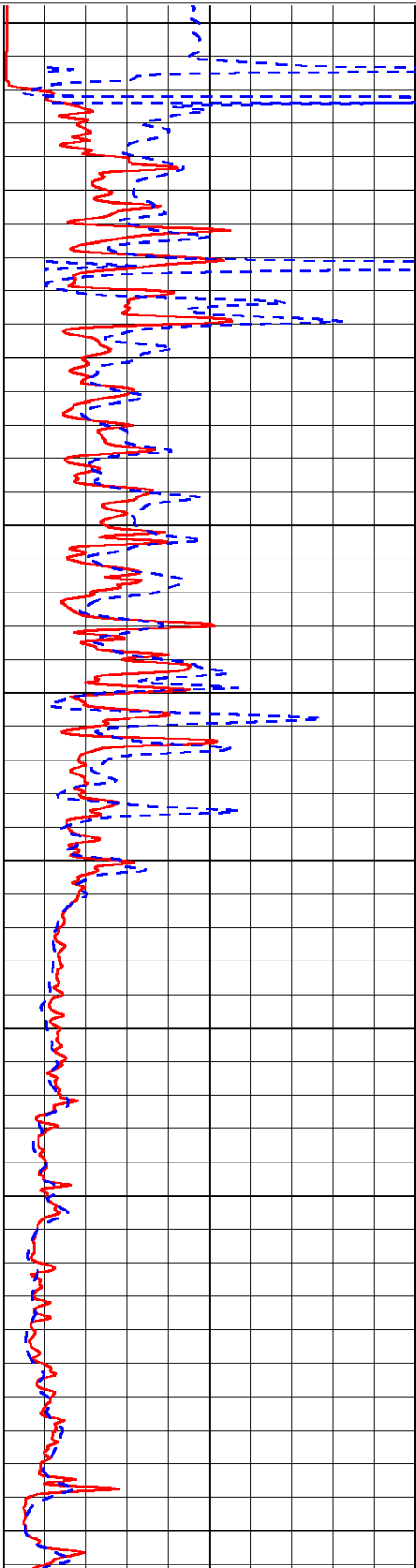
Database File: c:\warrior\data\amwar_o'brate no. 5\amwar022312hd.db
Dataset Pathname: dil\awarstack
Presentation Format: dil2in
Dataset Creation: Thu Feb 23 21:26:47 2012
Charted by: Depth in Feet scaled 1:600

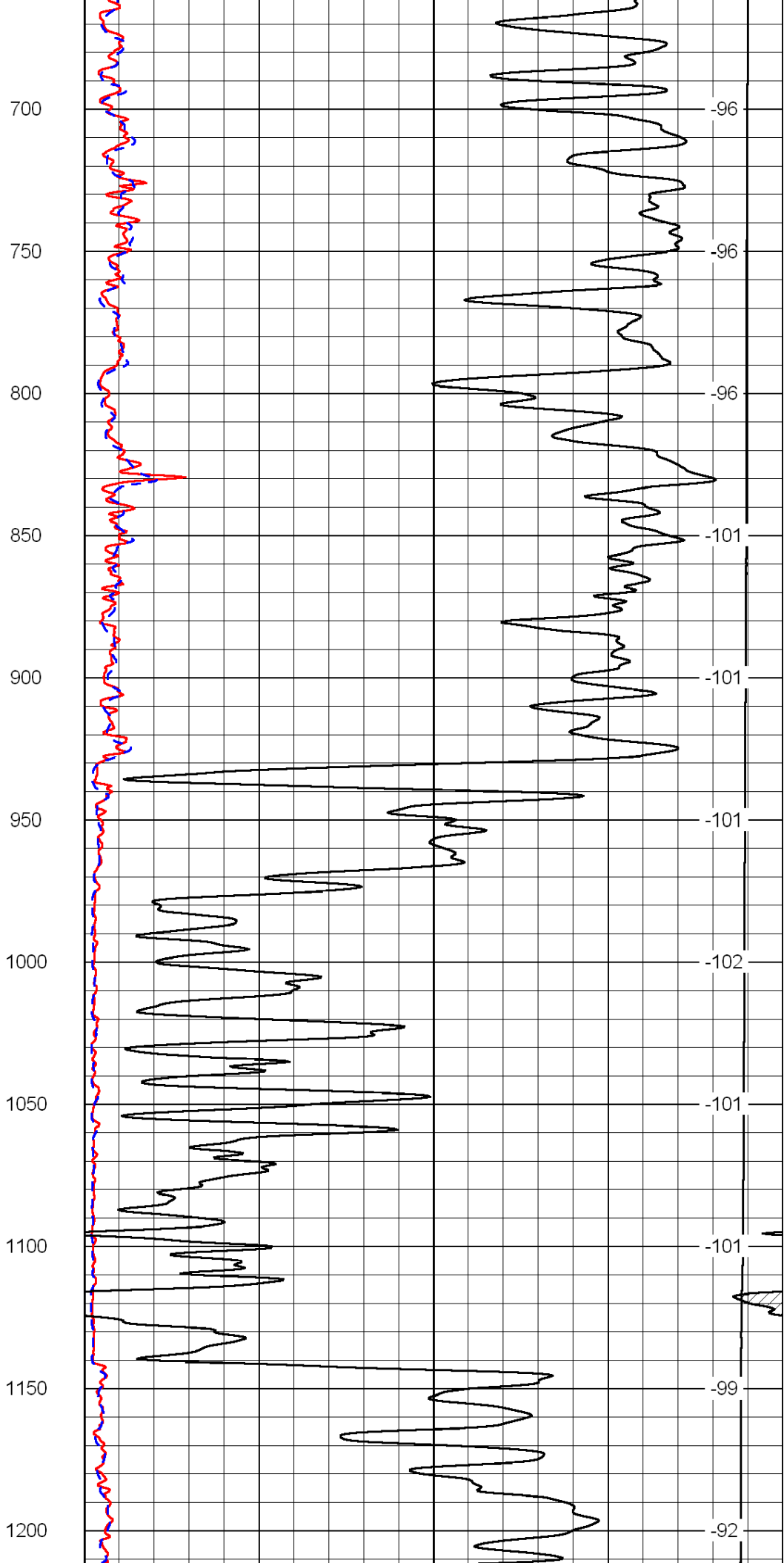
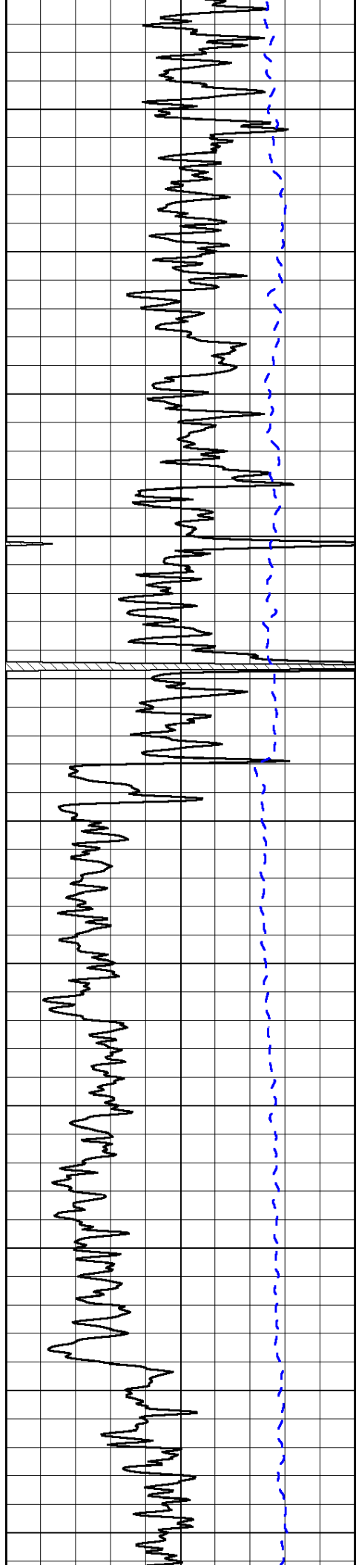
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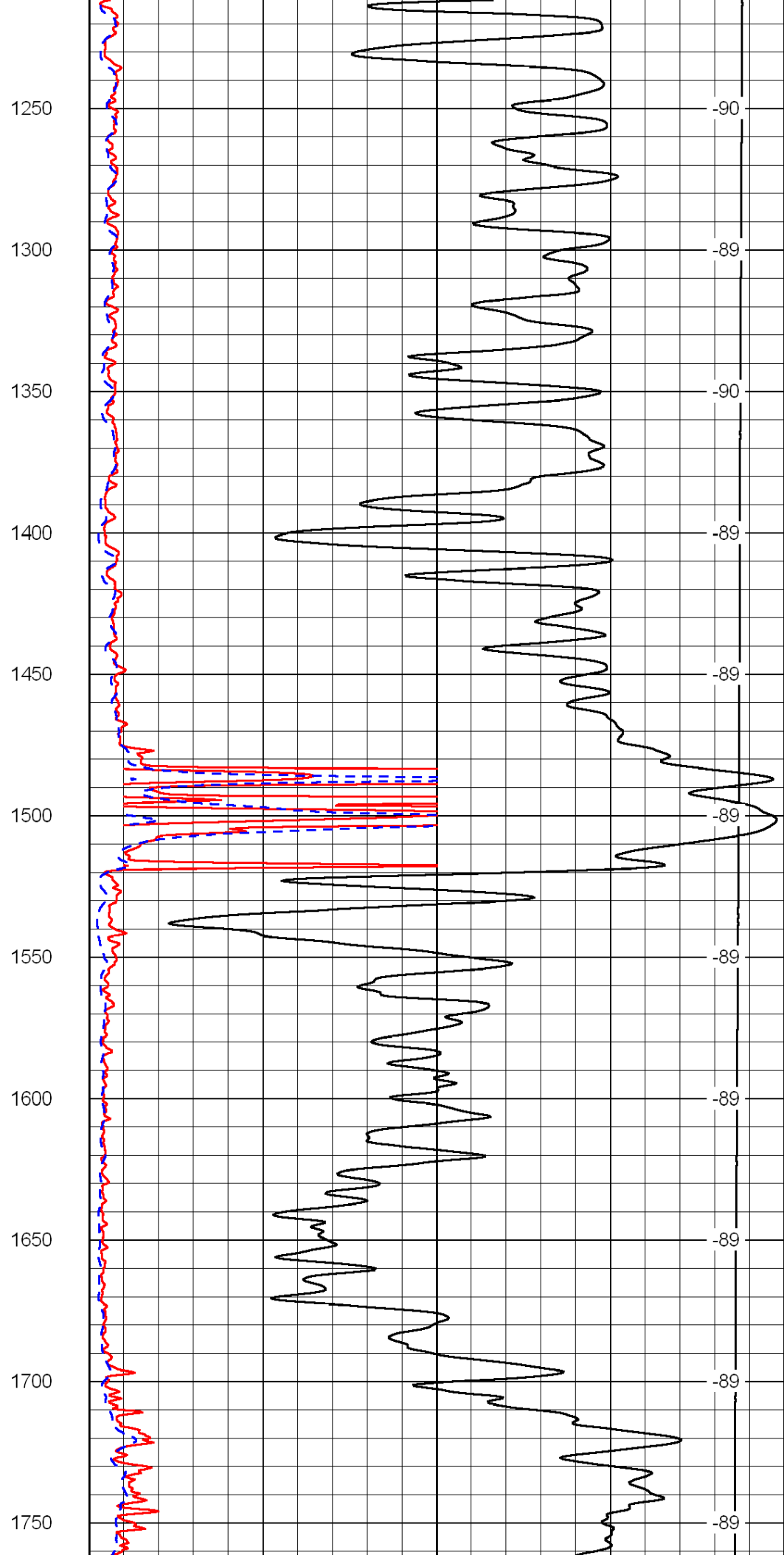
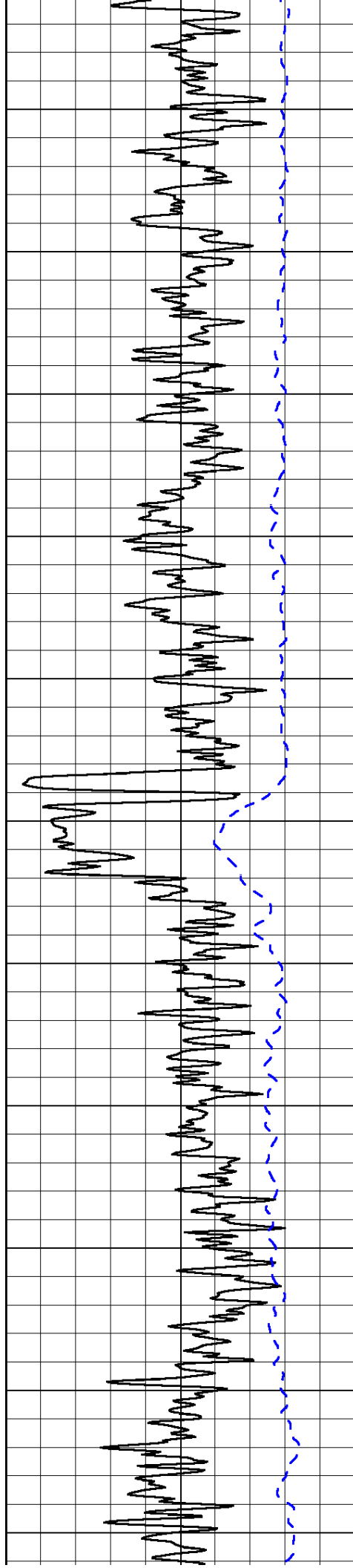
0	Gamma Ray	150
-200	SP (mV)	0

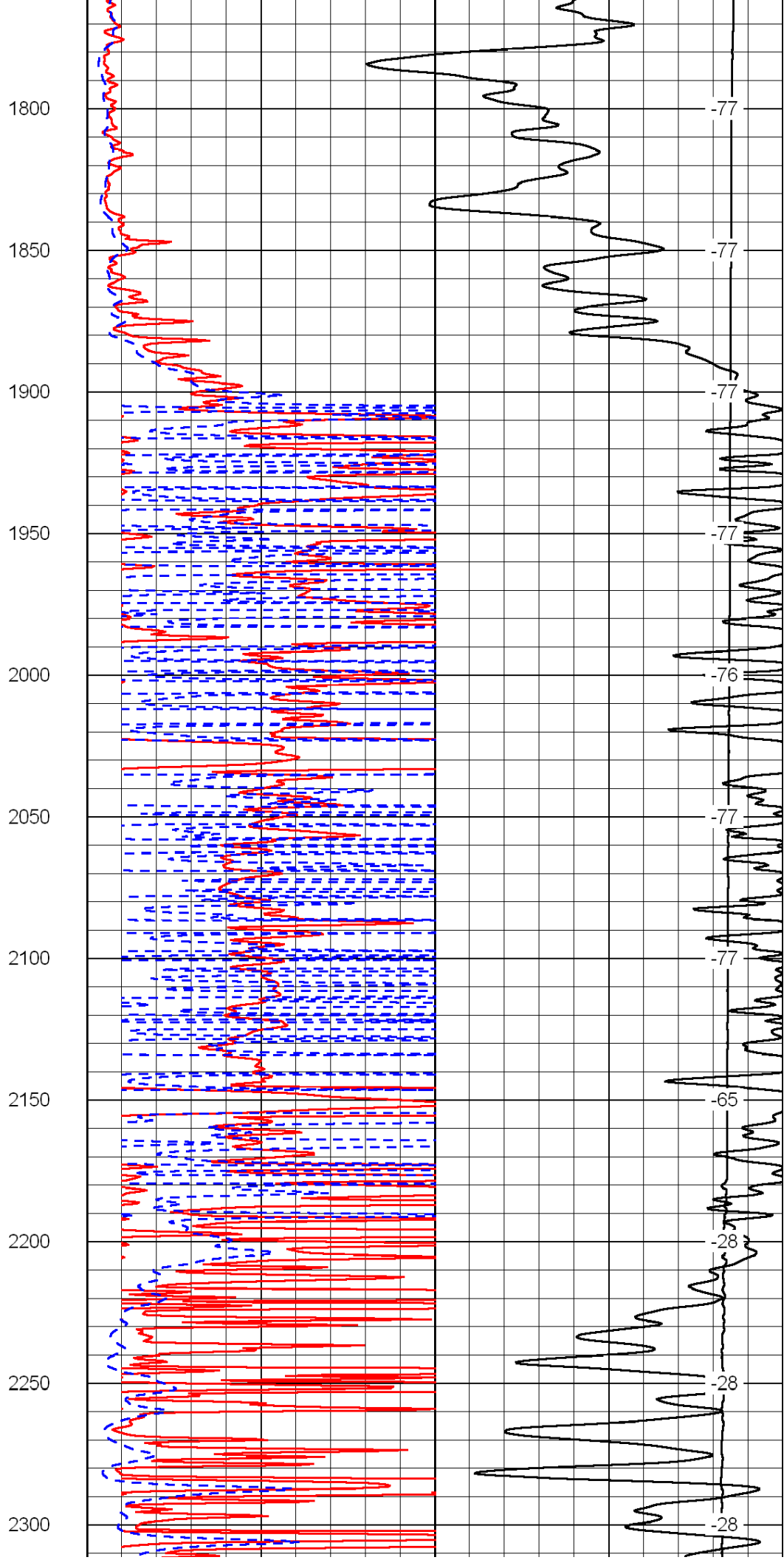
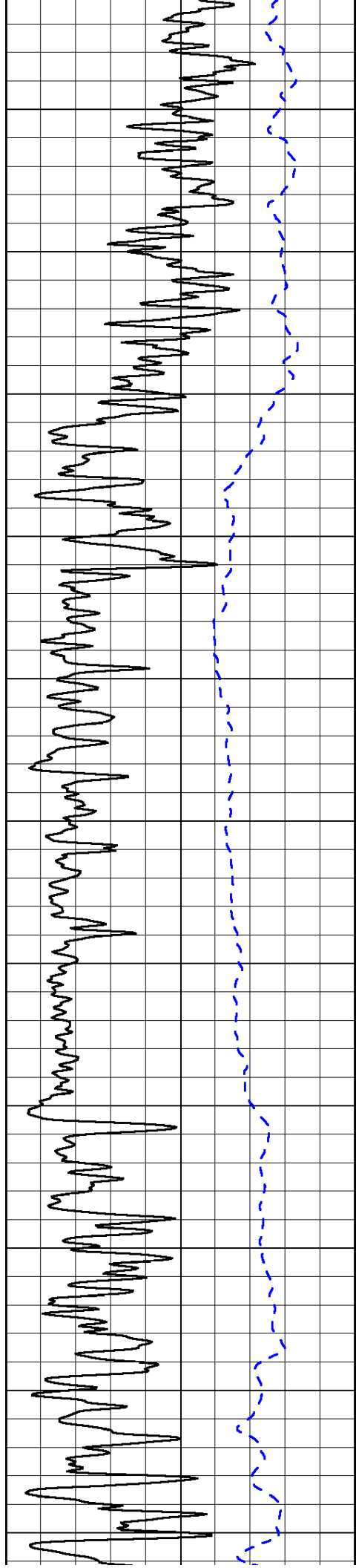


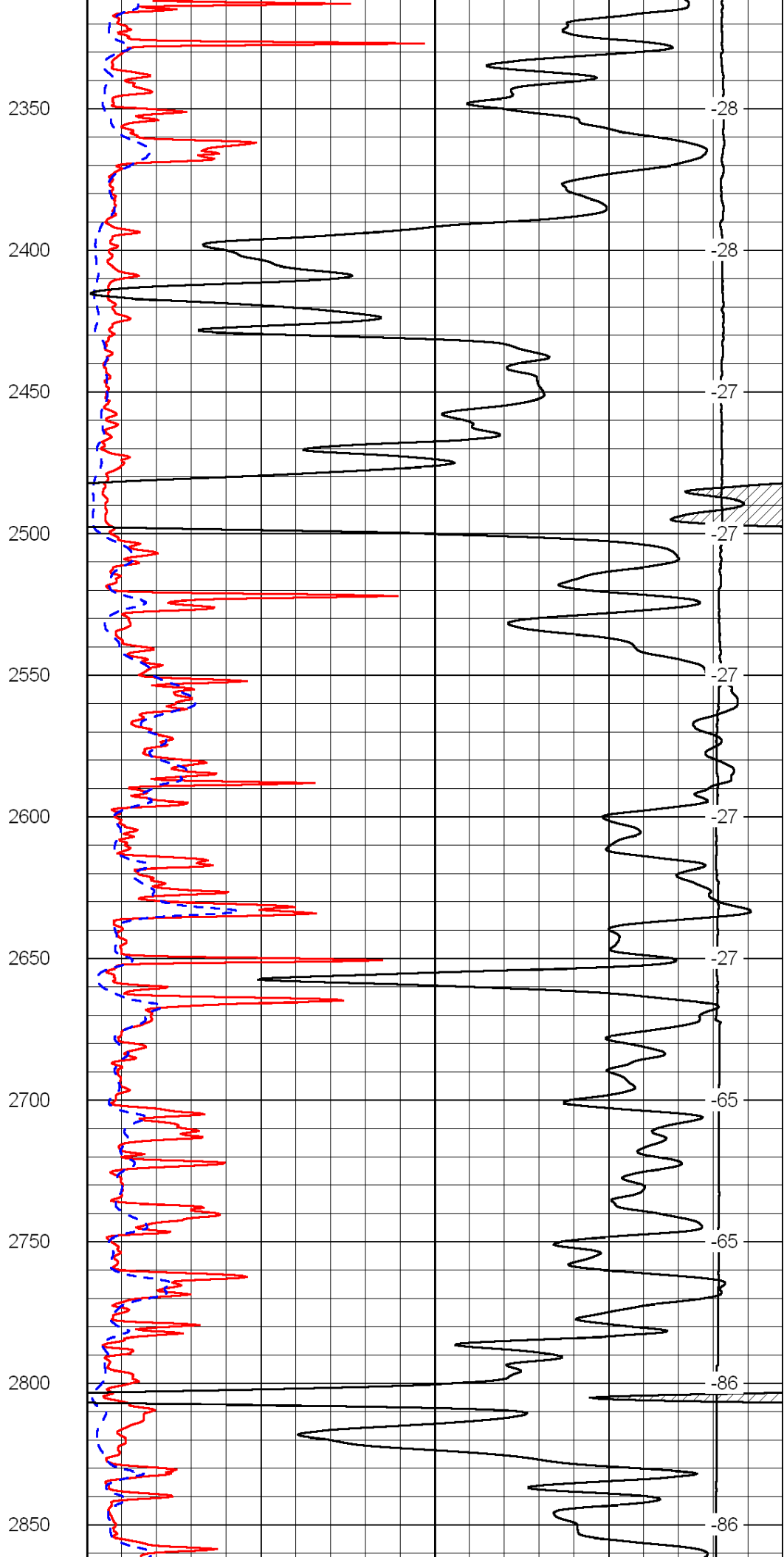
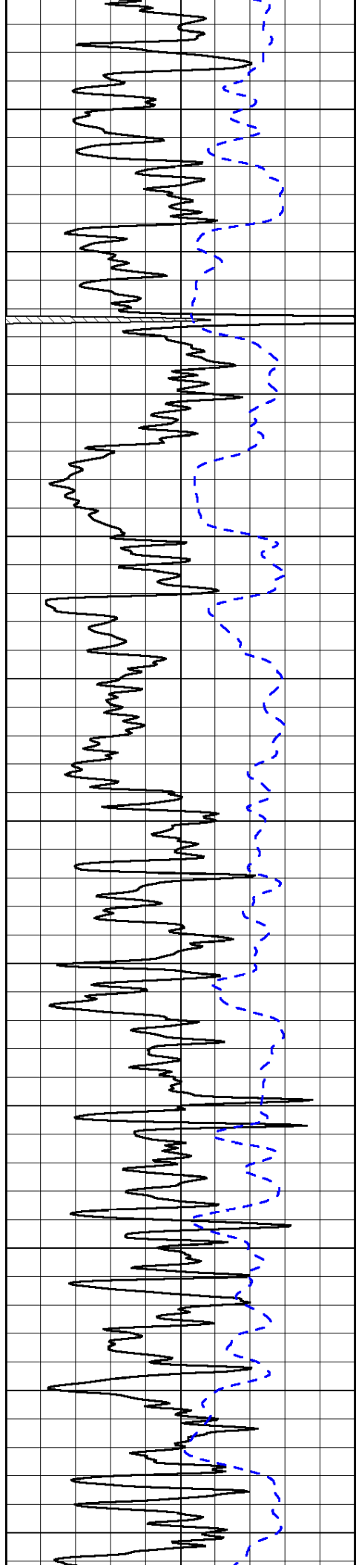
0	Shallow Resistivity	50
0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0
50	Shallow Resistivity	500
50	Deep Resistivity	500

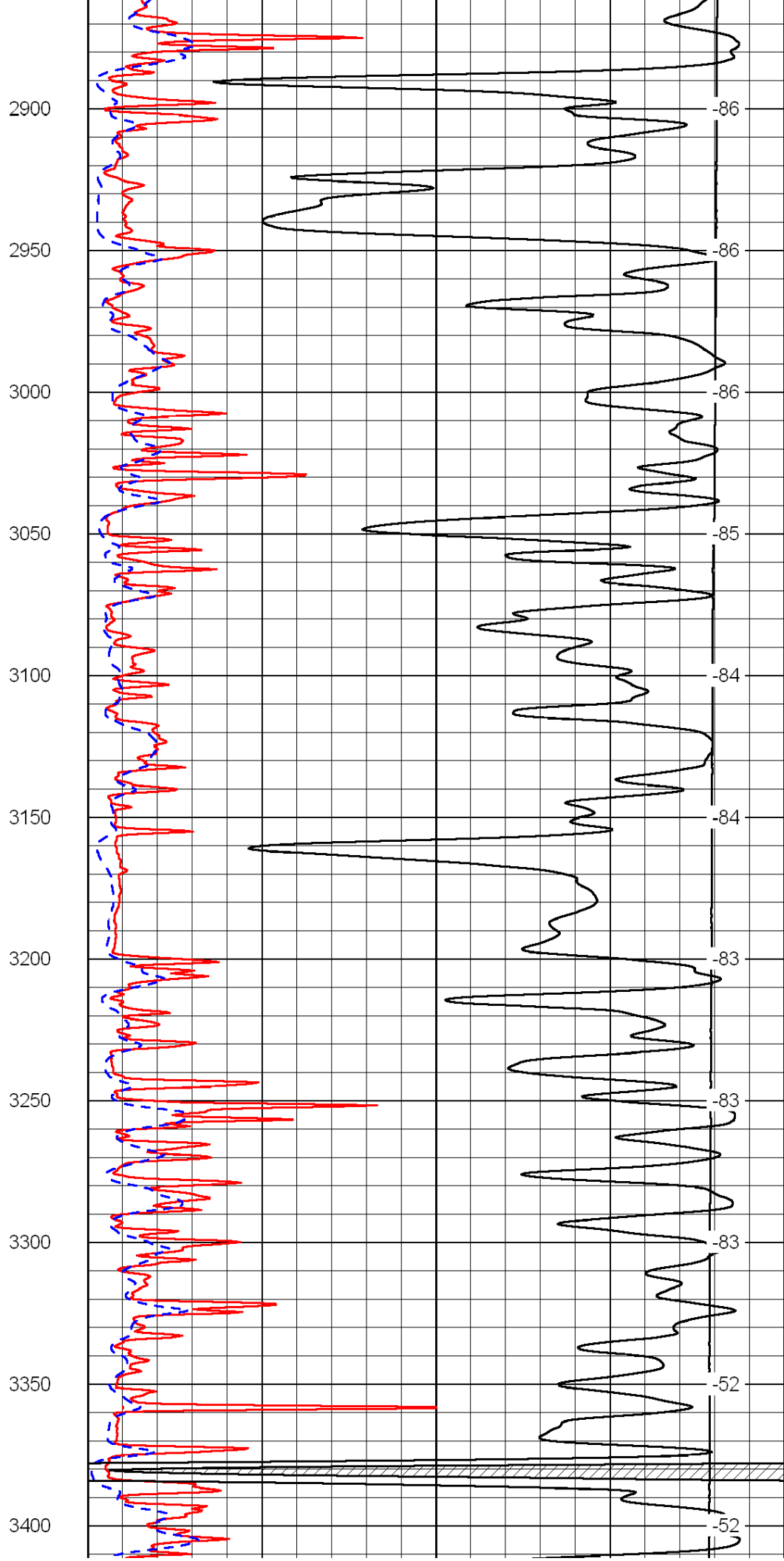
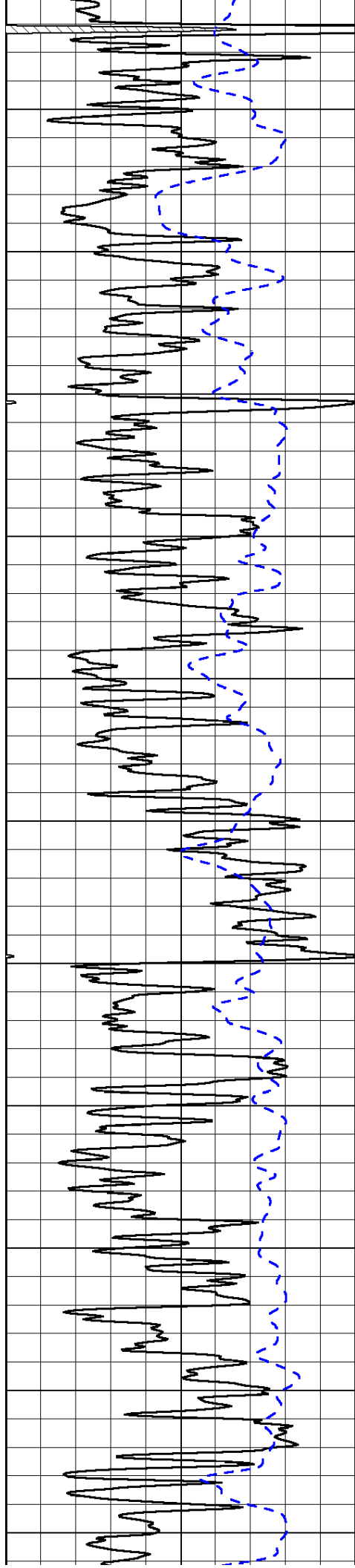


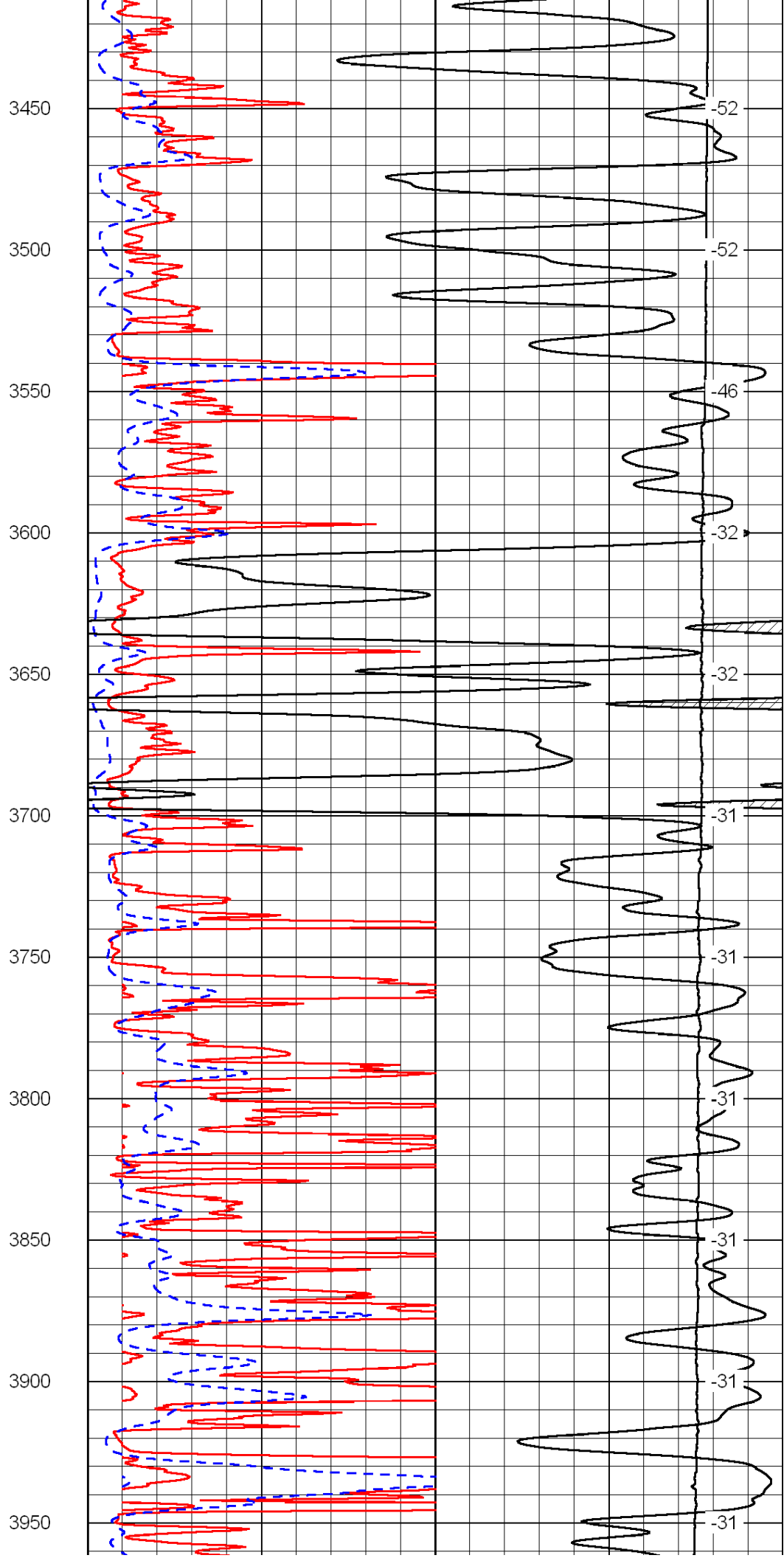
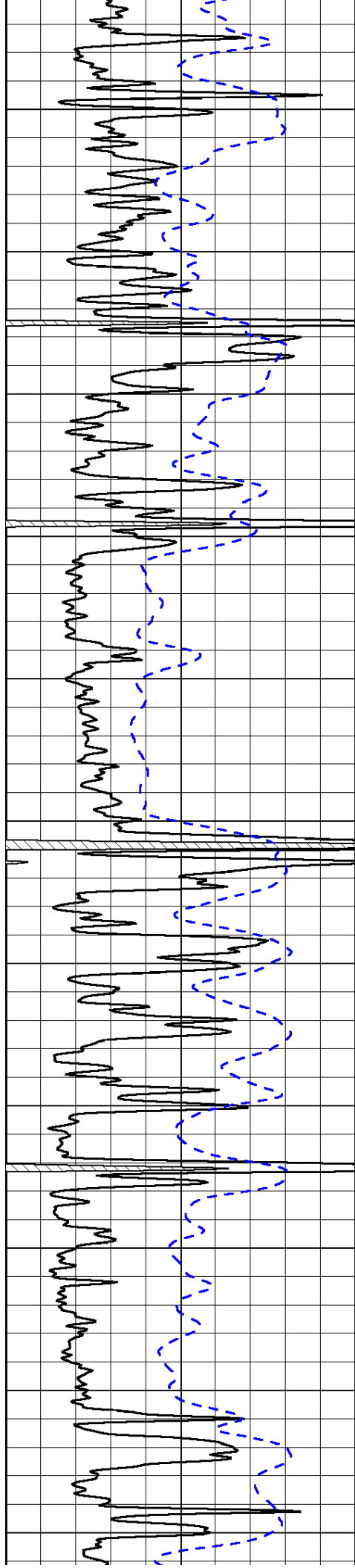


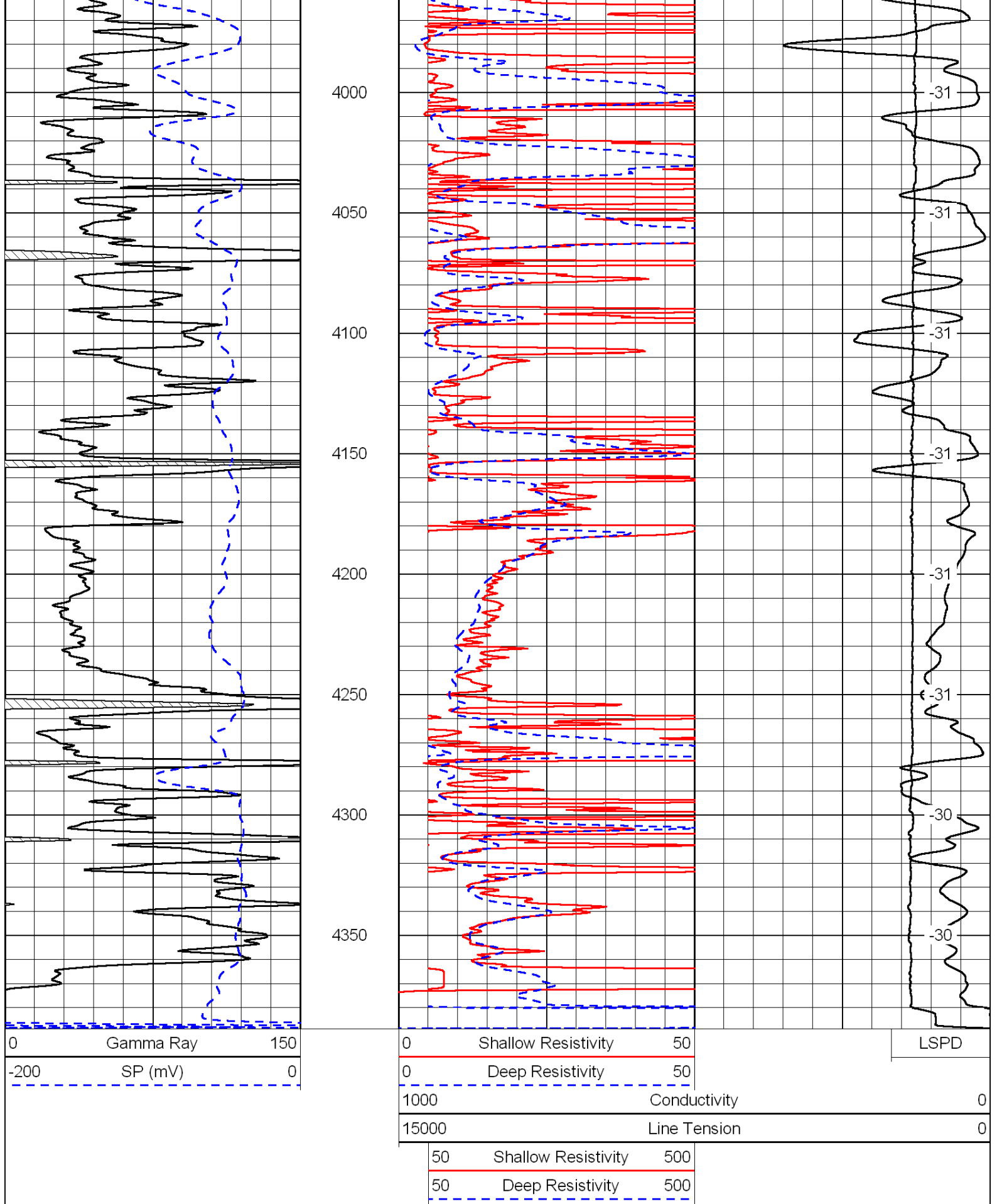






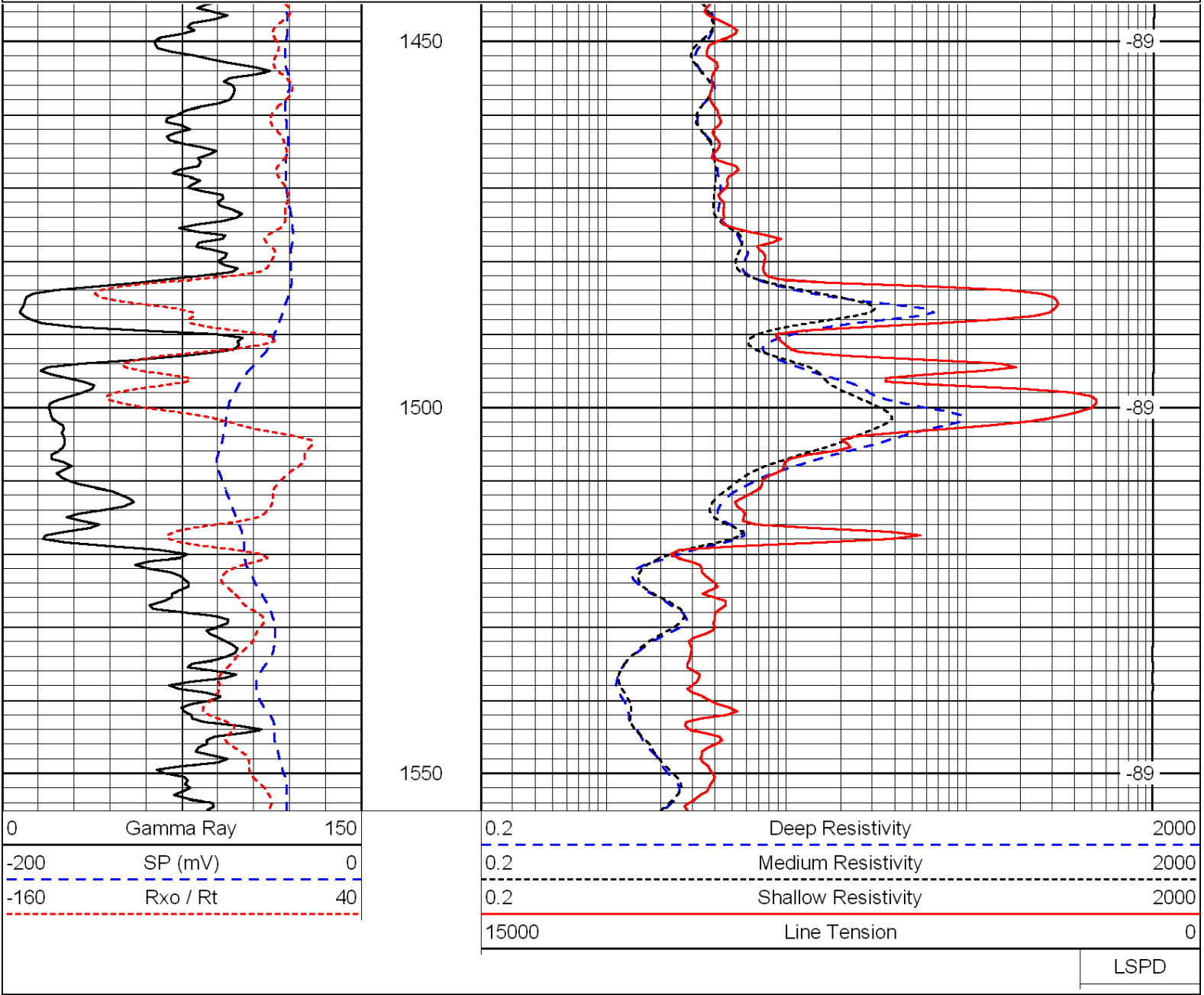




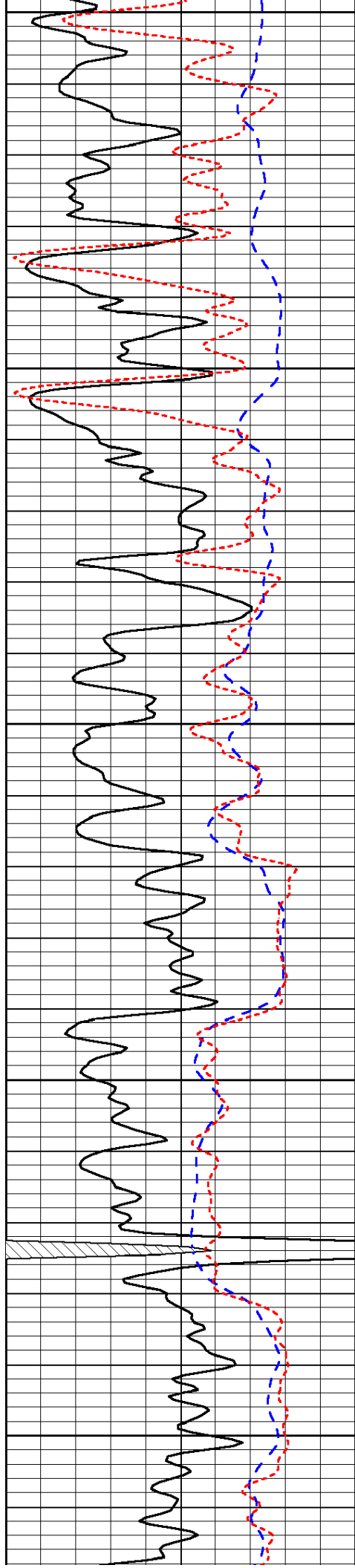


Database File: c:\warrior\data\amwar_o'brate no. 5\amwar022312hd.db
Dataset Pathname: dil/awarstack
Presentation Format: dil
Dataset Creation: Thu Feb 23 21:26:47 2012

Charted by:			Depth in Feet scaled 1:240		
0	Gamma Ray	150	0.2	Deep Resistivity	2000
-200	SP (mV)	0	0.2	Medium Resistivity	2000
-160	Rxo / Rt	40	0.2	Shallow Resistivity	2000
			15000	Line Tension	0
					LSPD



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					LSPD



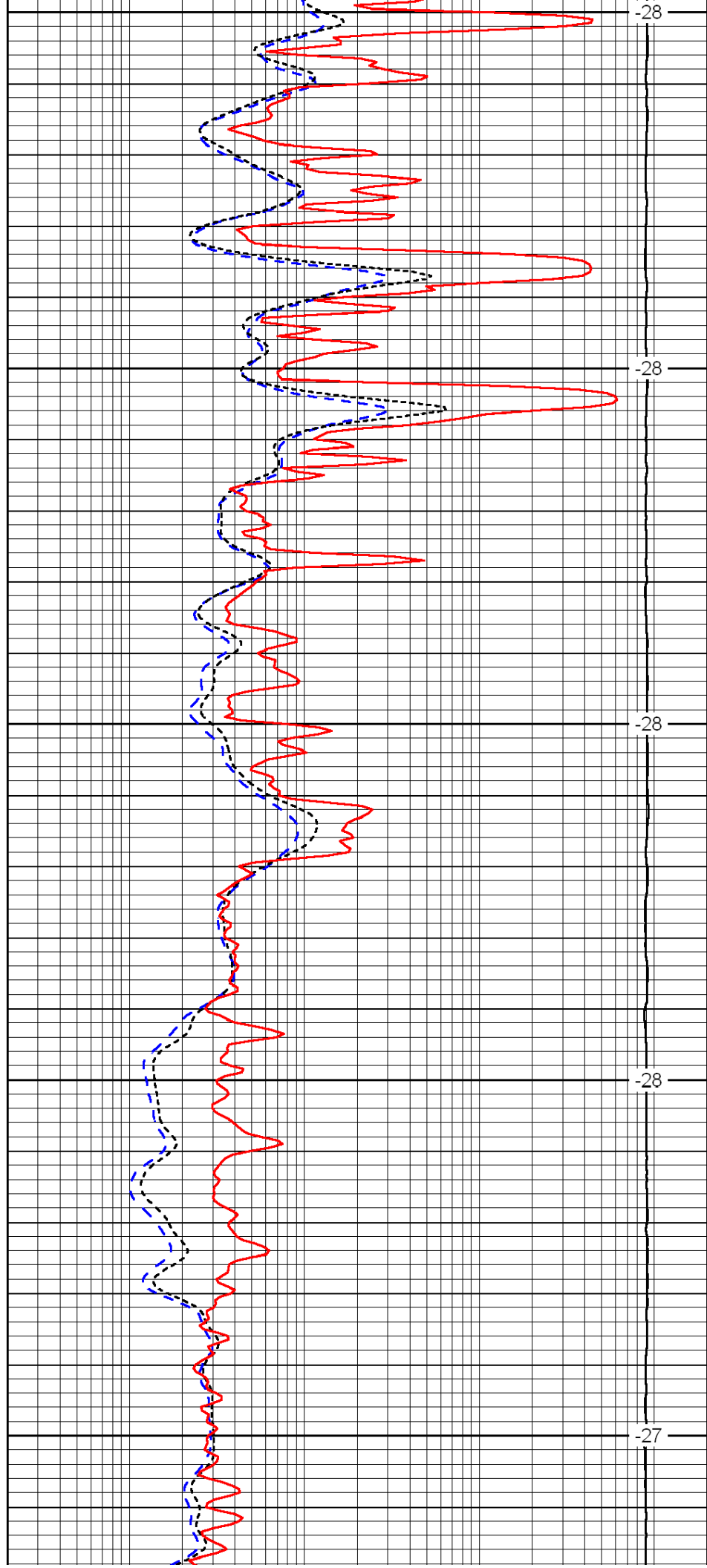
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2300

2350

2400

2450



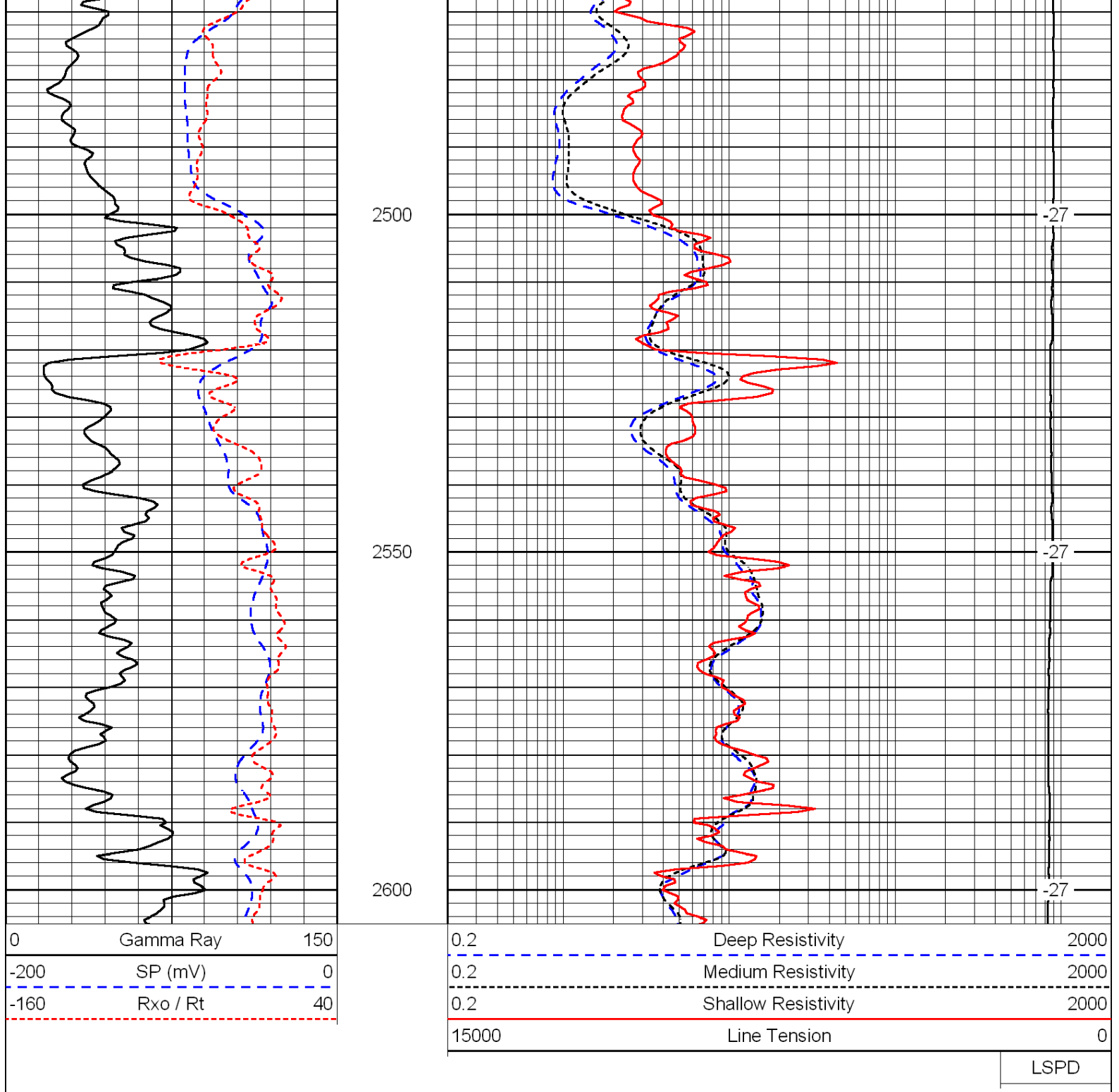
-28

-28

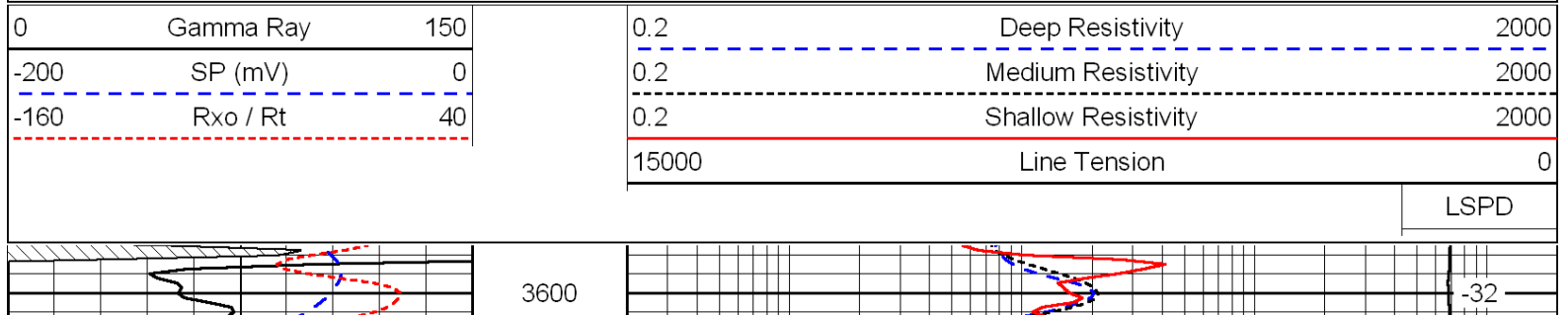
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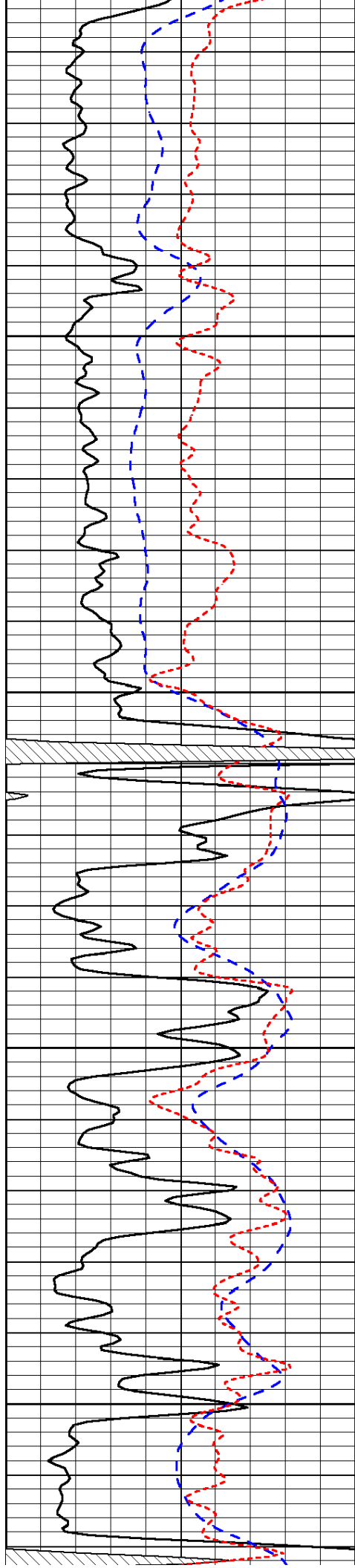
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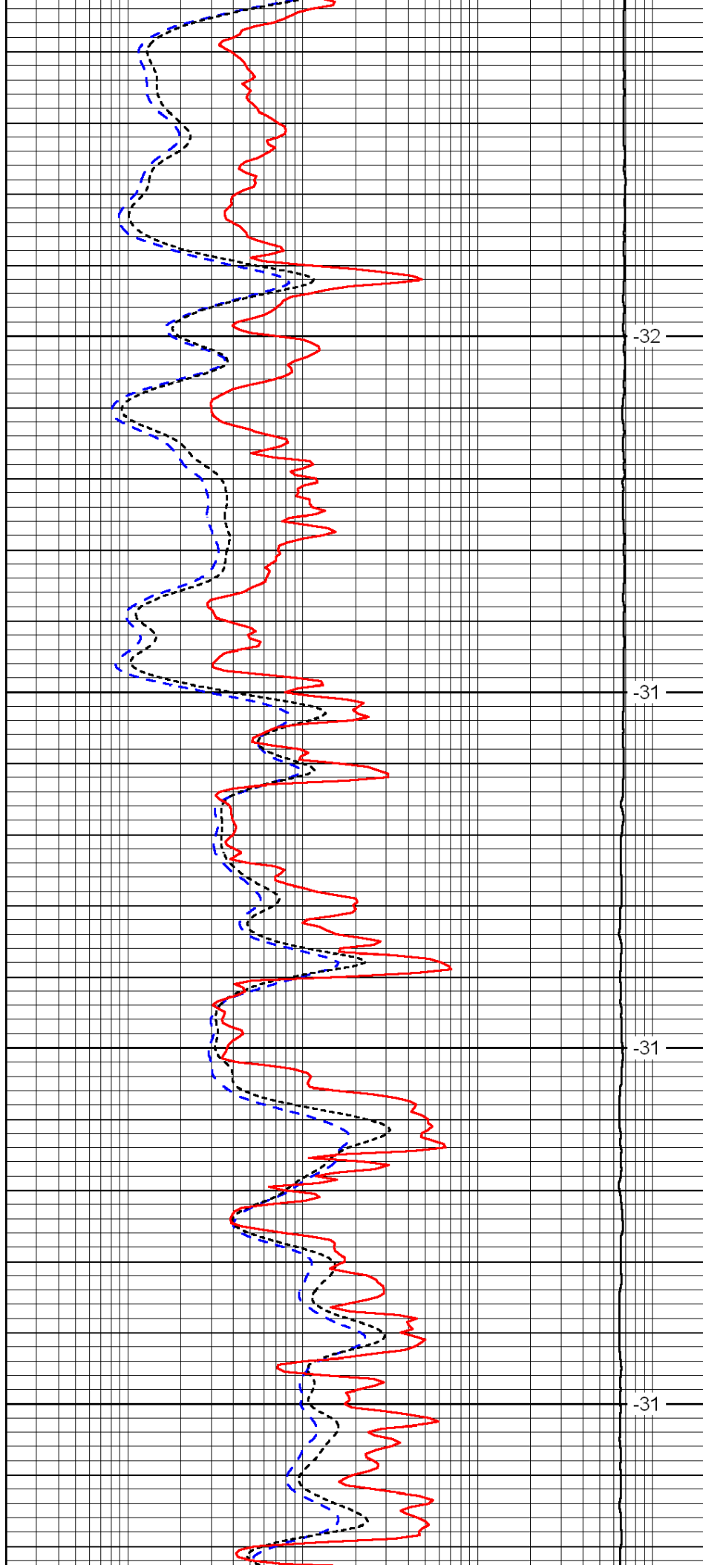


3650

3700

3750

3800

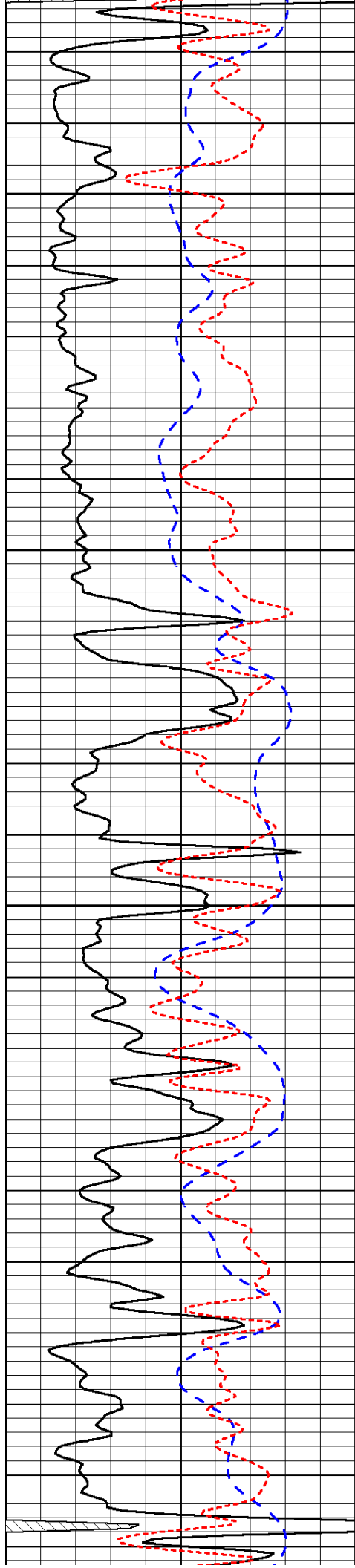


-32

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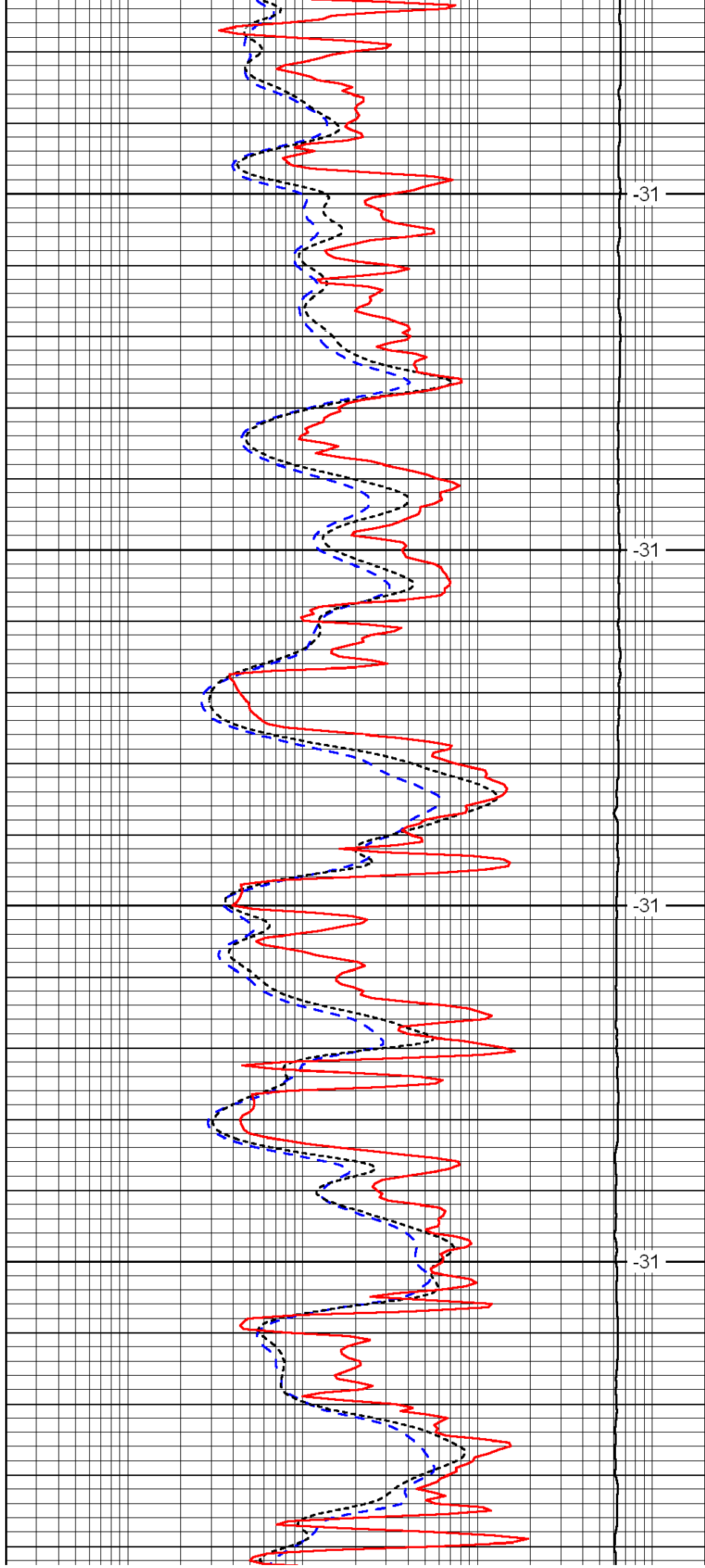


3850

3900

3950

4000

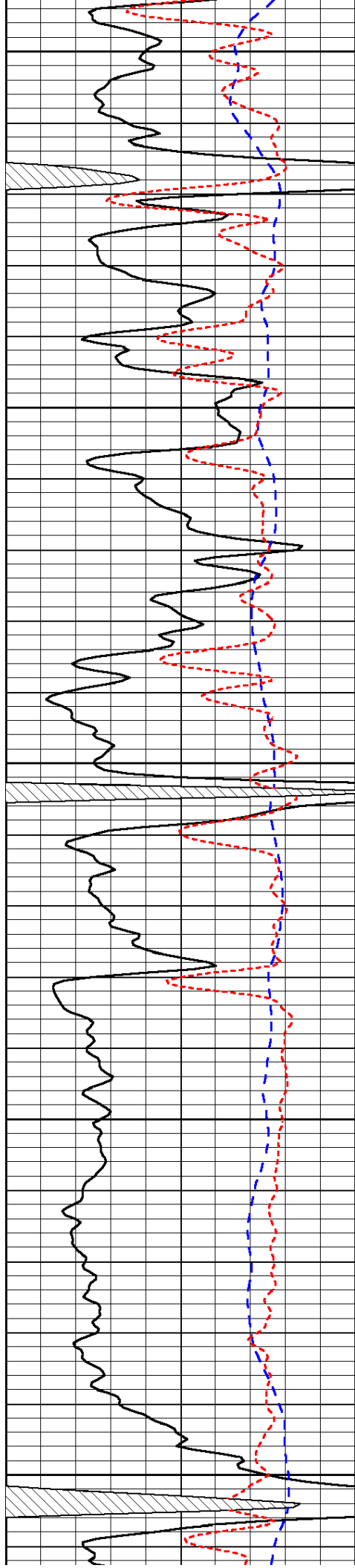


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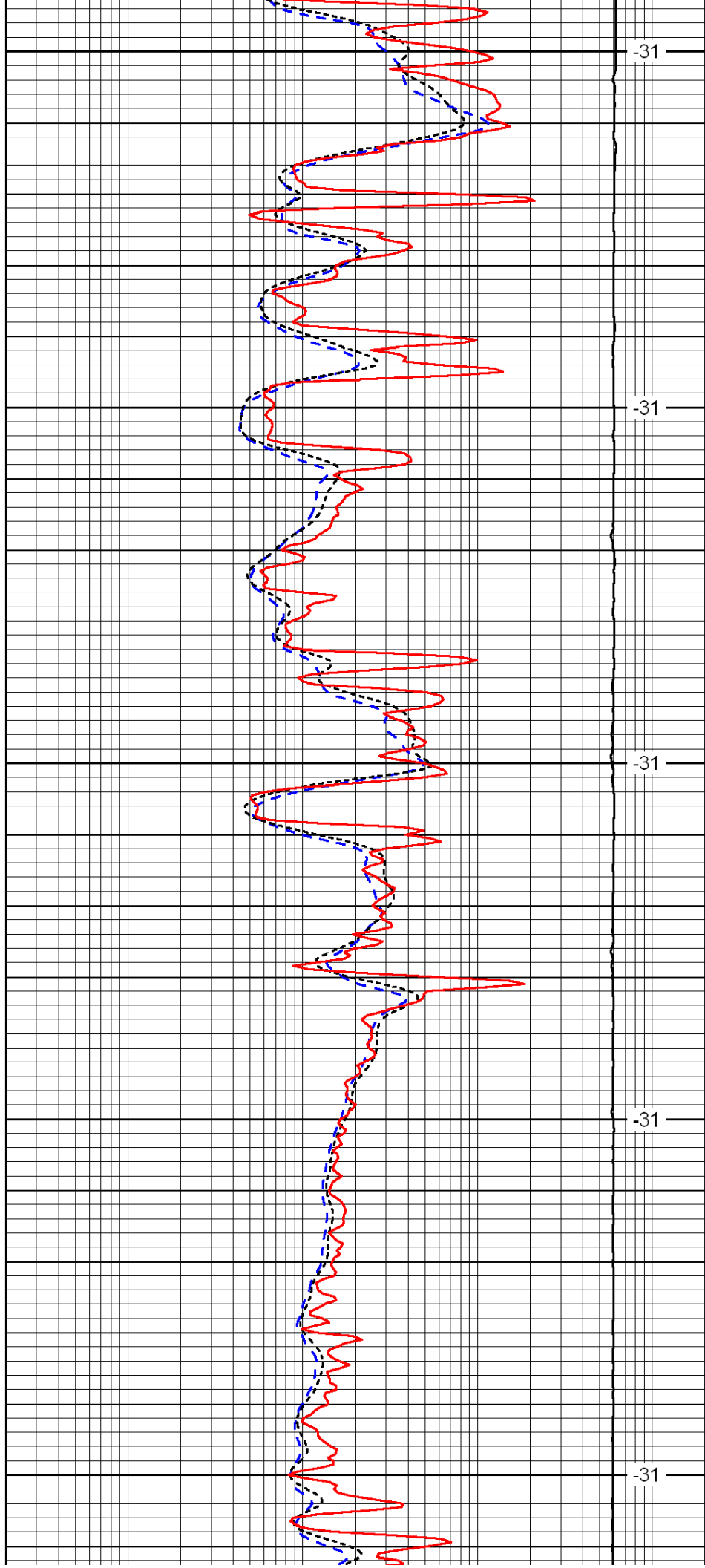
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4100

4150

4200

4250



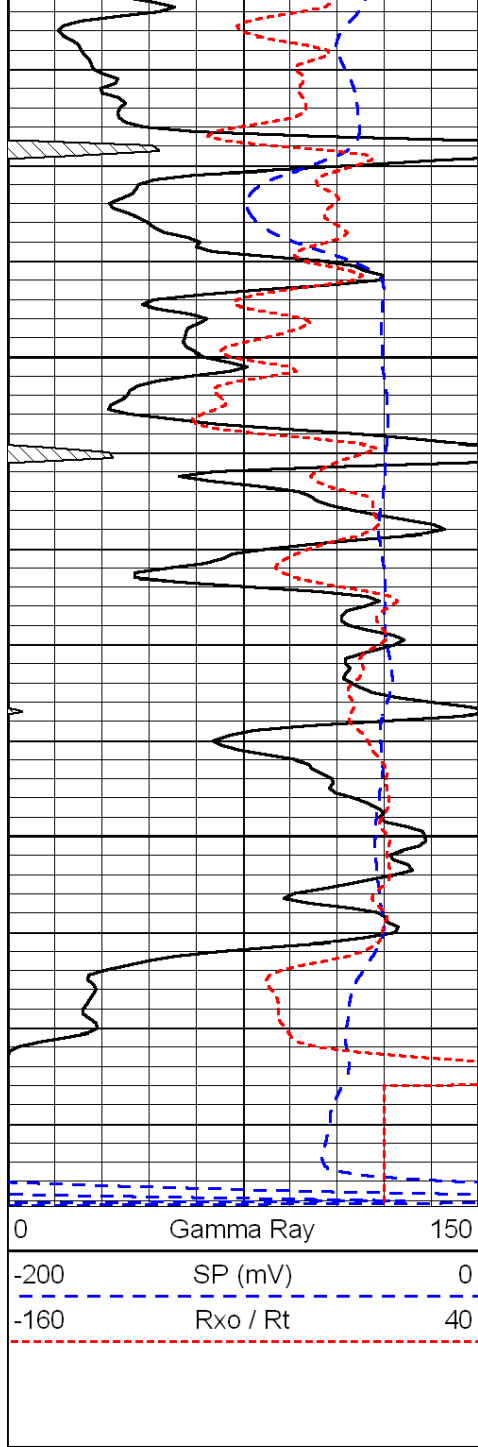
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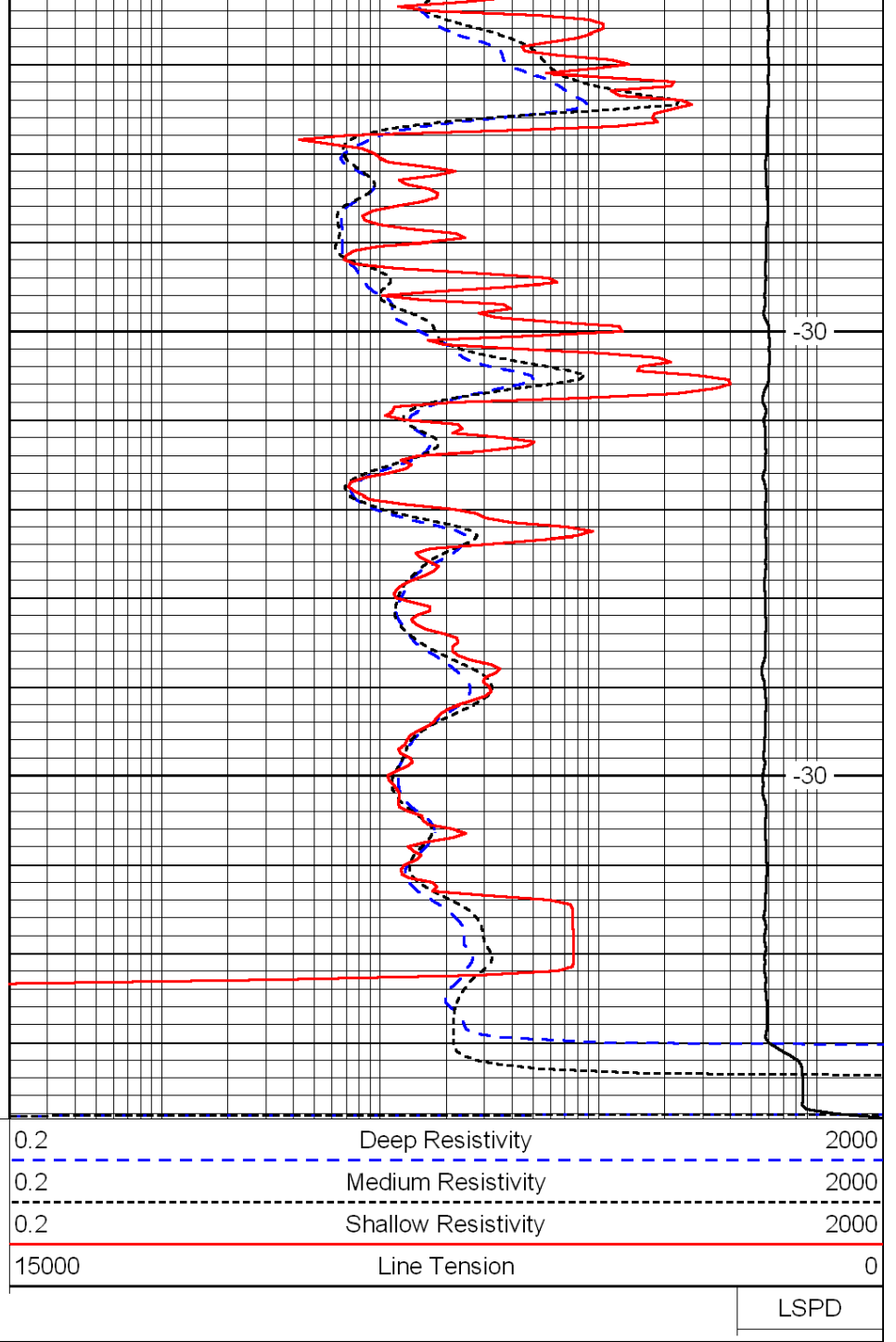
-31

-31



4300

4350



-30

-30

LSPD