



Dual Induction Log

Pioneer Energy Services

API No.	Company H&C Oil Operating, Inc. Well Seymour #25-1 Field Wildcat County Gove State Kansas		
15-063-22, 151-00-00	Location 330' FSL & 1850' FEL	Other Services CNL/CDL MEL	
	Sec: 25 Twp: 15S Rge: 28W	Elevation K.B. 2474 D.F. 2463 G.L. 2463	
Permanent Datum	Ground Level	Elevation 2463	
Log Measured From	Kelly Bushing	11 Ft. Above Perm. Datum	
Drilling Measured From	Kelly Bushing		
Date	12/2/2013		
Run Number	One		
Depth Driller	4372		
Depth Logger	4372		
Bottom Logged Interval	4371		
Top Log Interval	250		
Casing Driller	8.625 @ 263		
Casing Logger	262		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	3000		
Density / Viscosity	9.4 59		
pH / Fluid Loss	9.5 8.8		
Source of Sample	Flowline		
Rm @ Meas. Temp	0.52 @ 68		
Rmf @ Meas. Temp	0.39 @ 68		
Rmc @ Meas. Temp	0.70 @ 68		
Source of Rmf / Rmc	Charts		
Rm @ BHT	0.30 @ 120		
Operating Rig Time	4 Hours		
Max Rec. Temp. F	120		
Equipment Number	15		
Location	Hays		
Recorded By	D. Kerr		
Witnessed By	Marc Downing		

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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

Penn Dennis KS, 2 West, 4 1/2 North,
3/4 West, North Into(Keep Right At Tanks)

Database File: c:\warrior\data\h&c_seymour #25-1\h&c_seymour_25_1hd.db
Dataset Pathname: DIL\hcsk
Presentation Format: dil2in
Dataset Creation: Mon Dec 02 06:44:24 2013
Charted by: Depth in Feet scaled 1:600

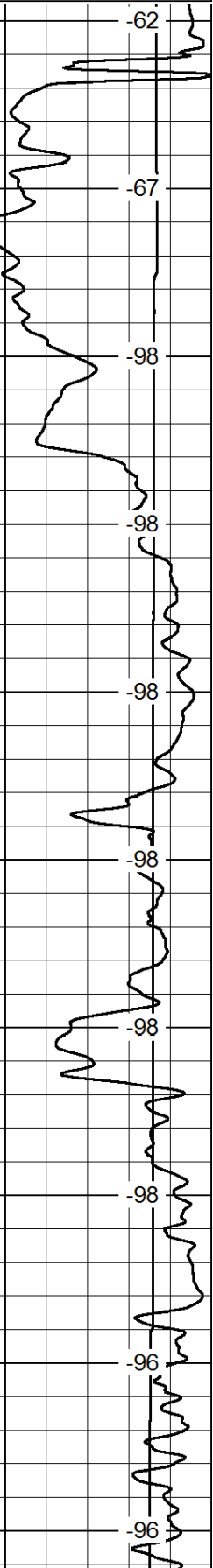
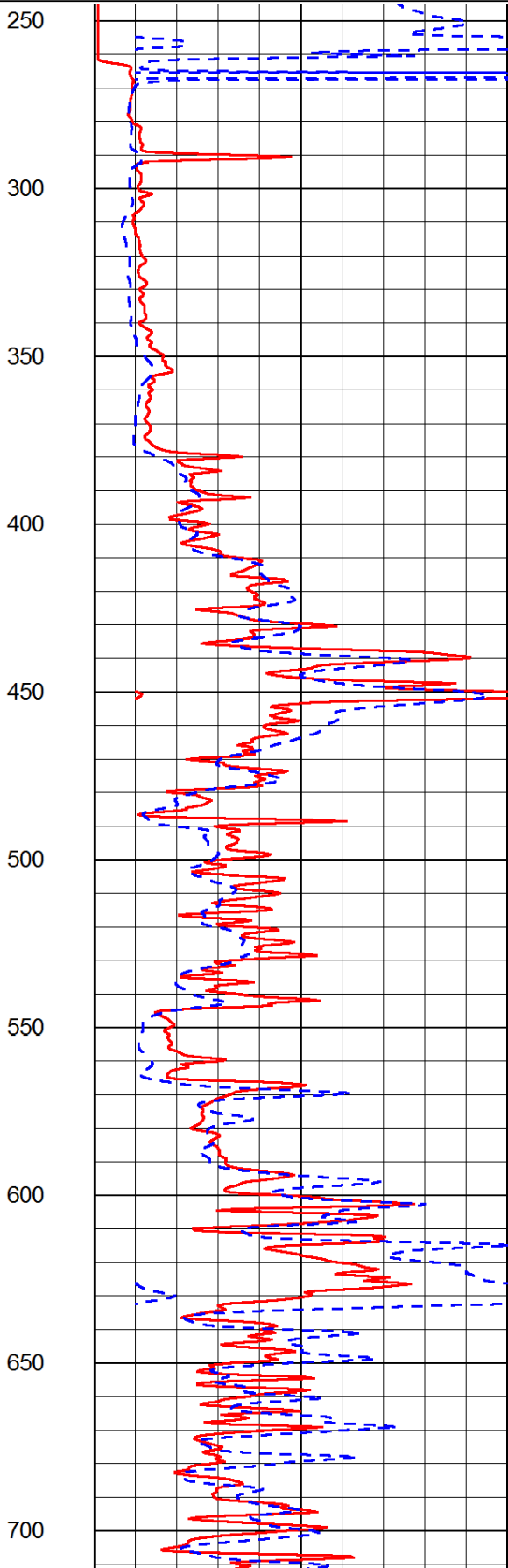
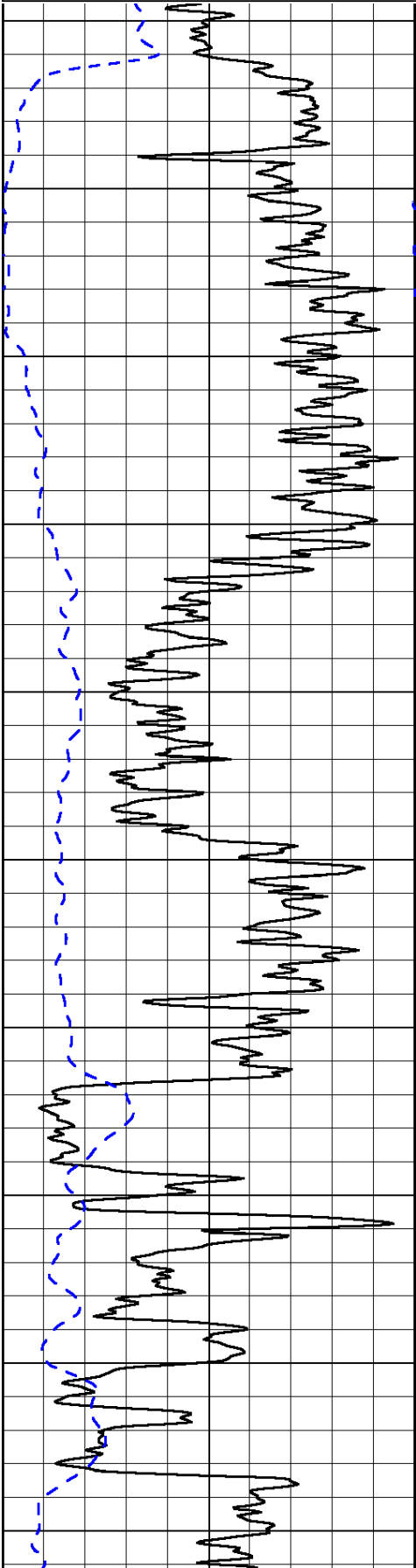
0	Gamma Ray	150
-200	SP (mV)	0

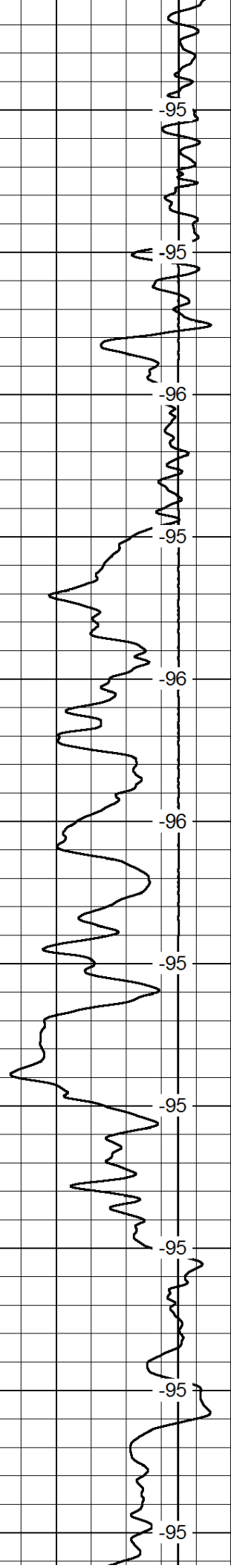
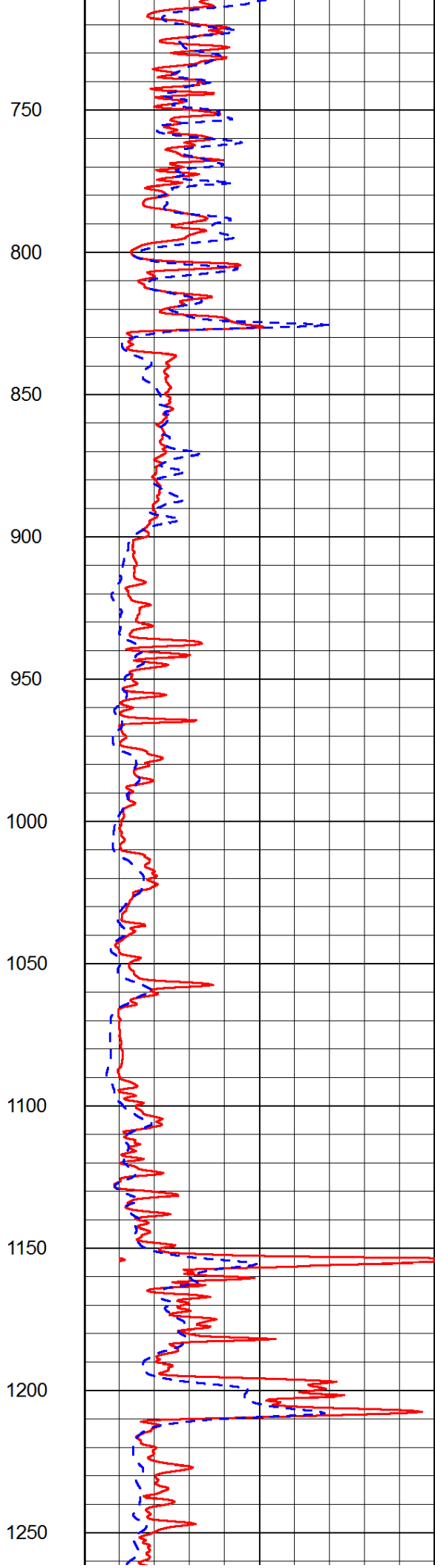
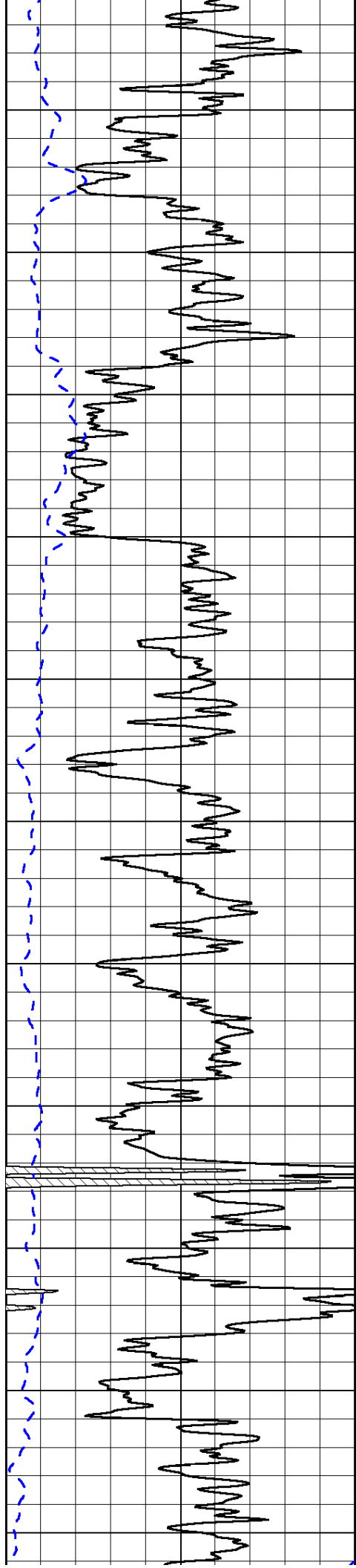
0	Shallow Resistivity	50
0	Deep Resistivity	50

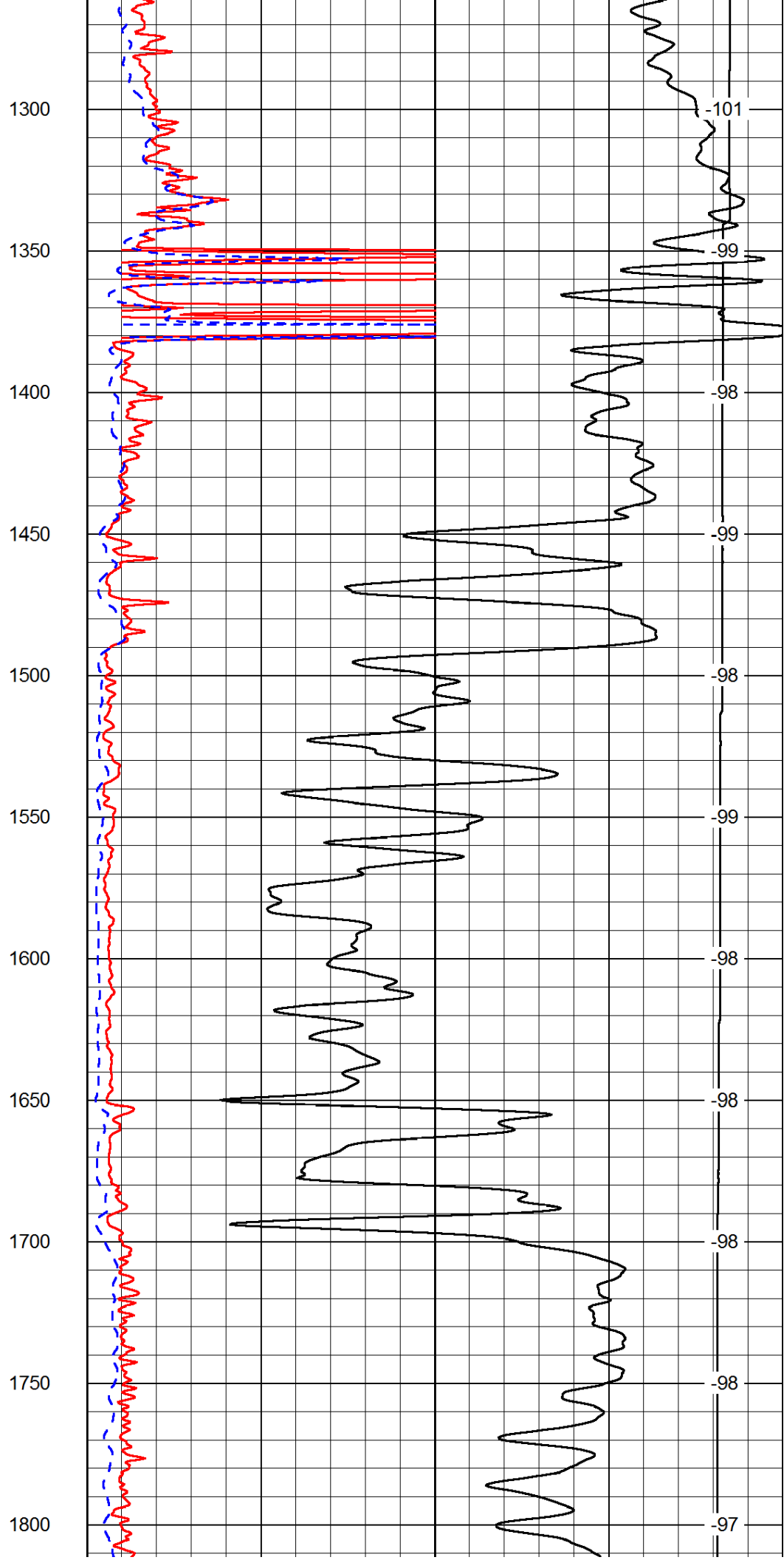
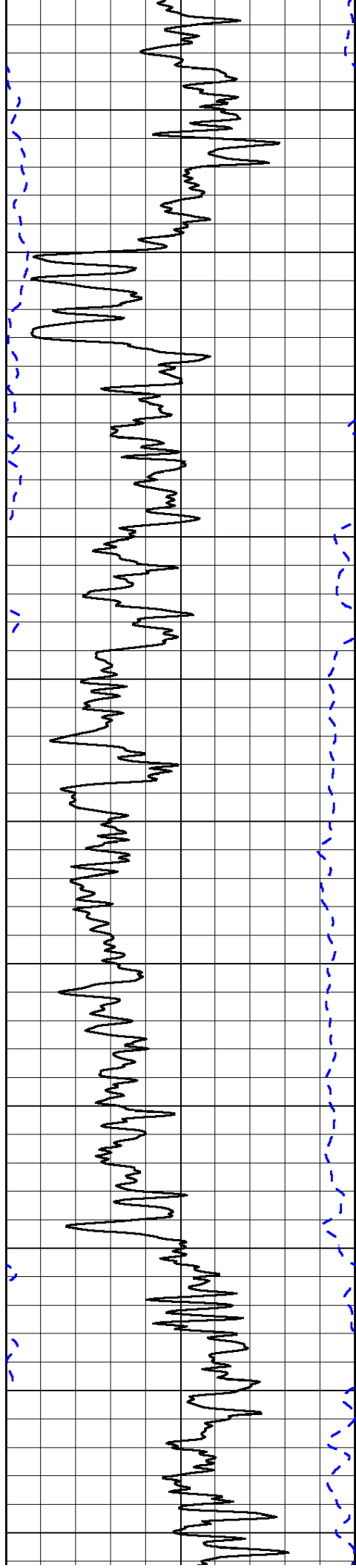
LSPD

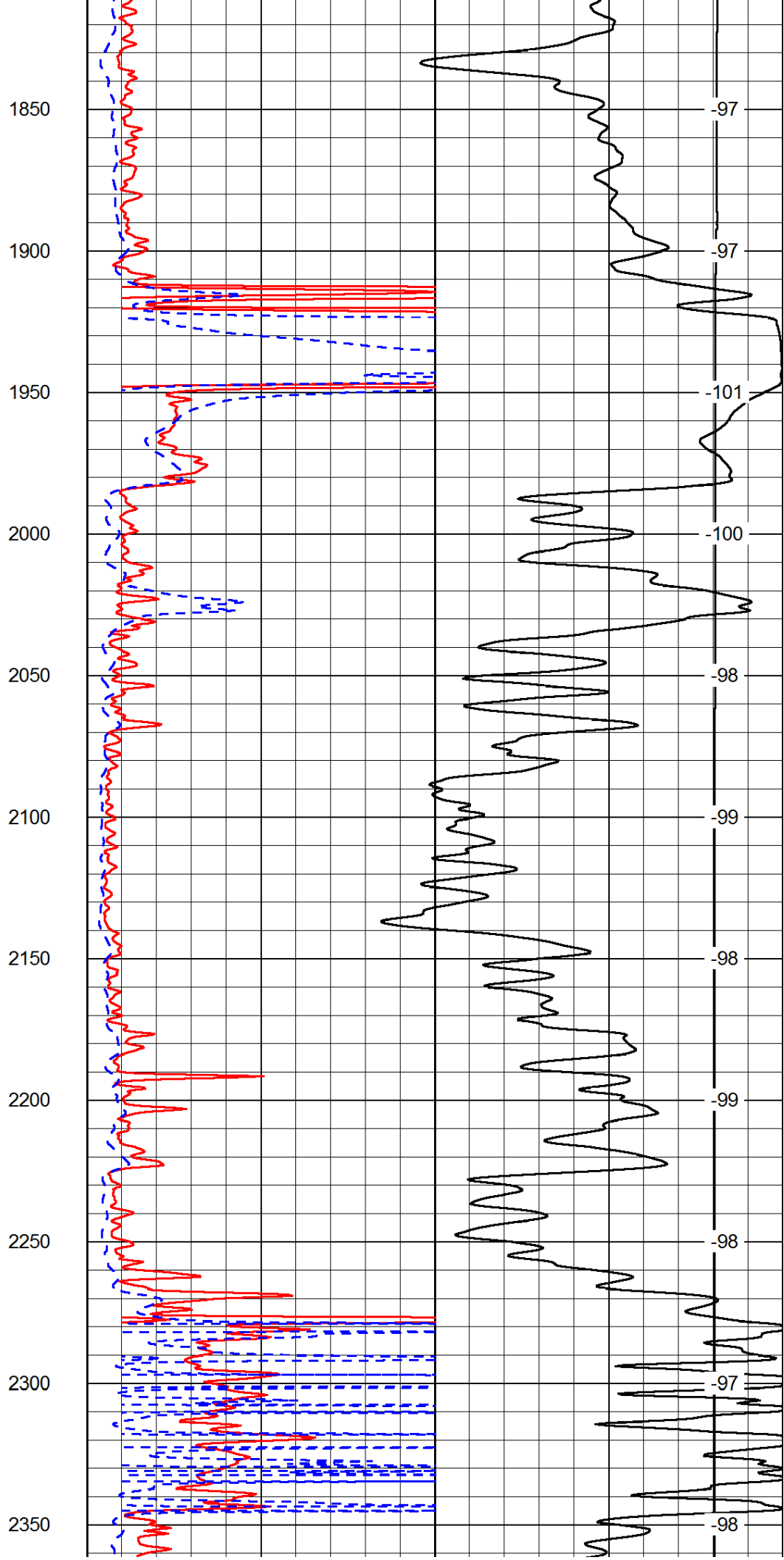
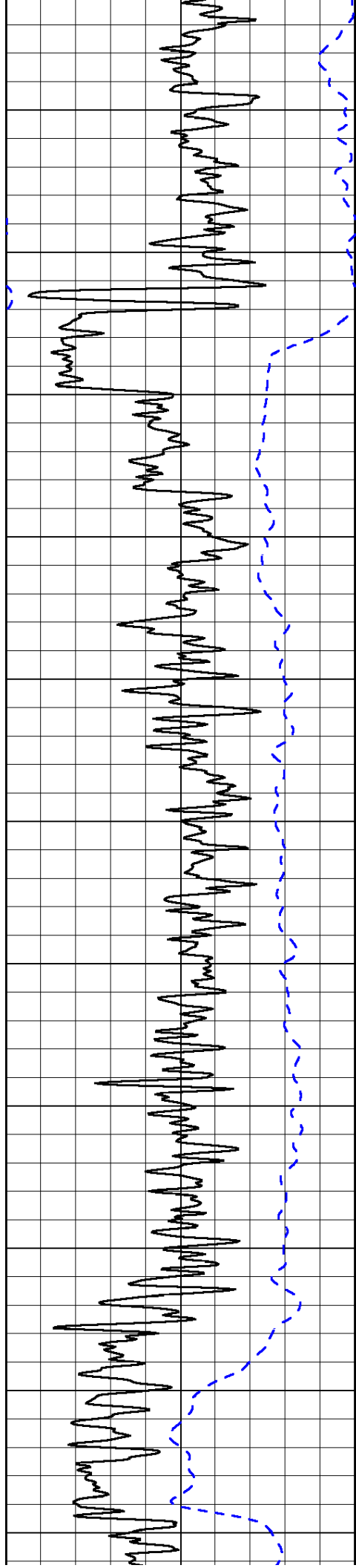
1000	Conductivity	0
15000	Line Tension	0

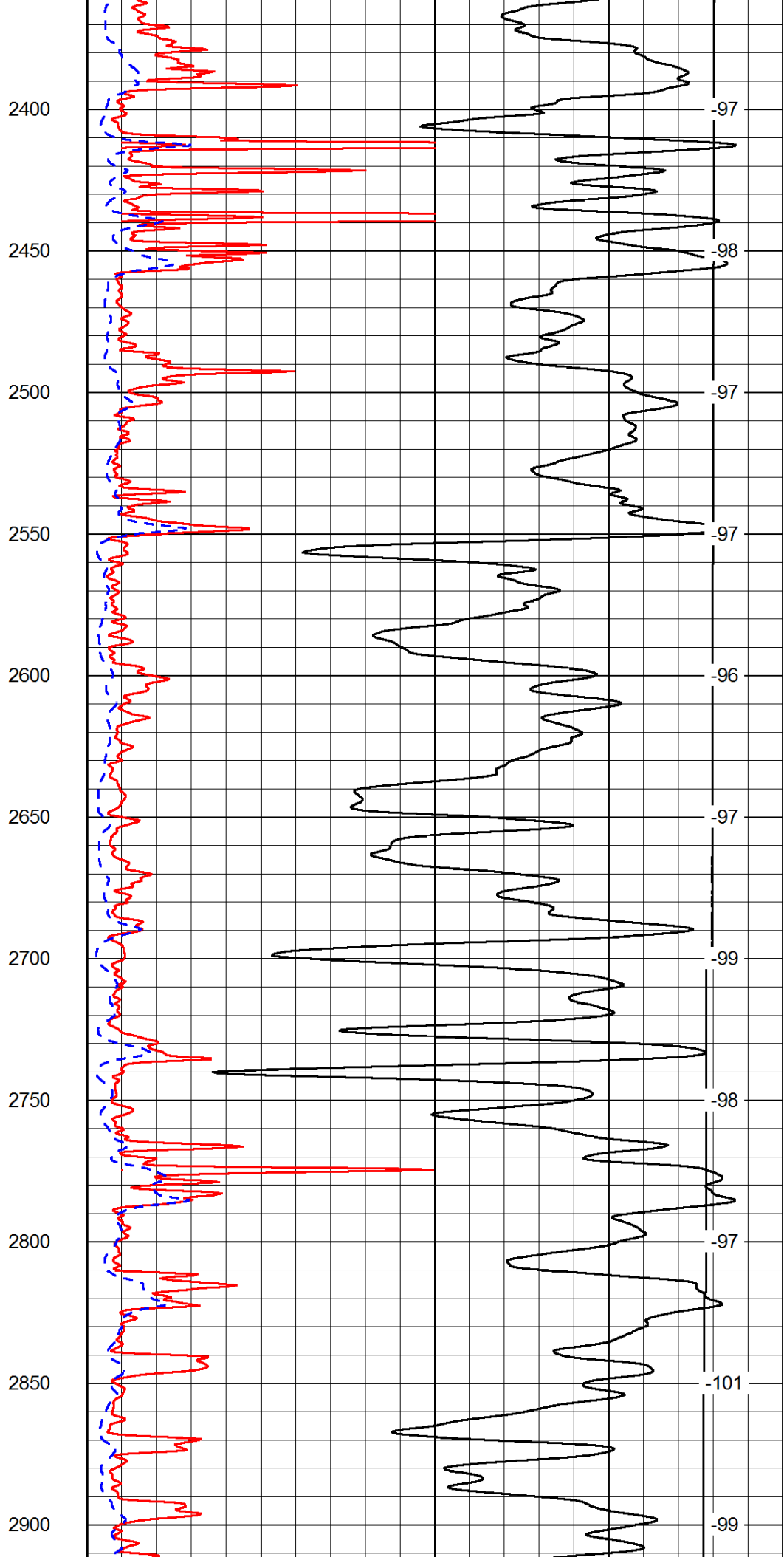
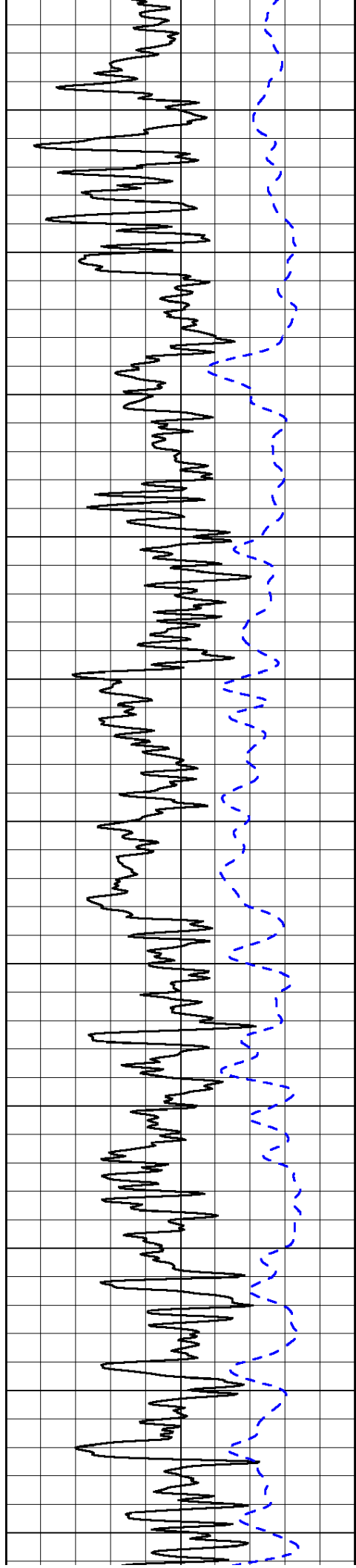
50	Shallow Resistivity	500
50	Deep Resistivity	500

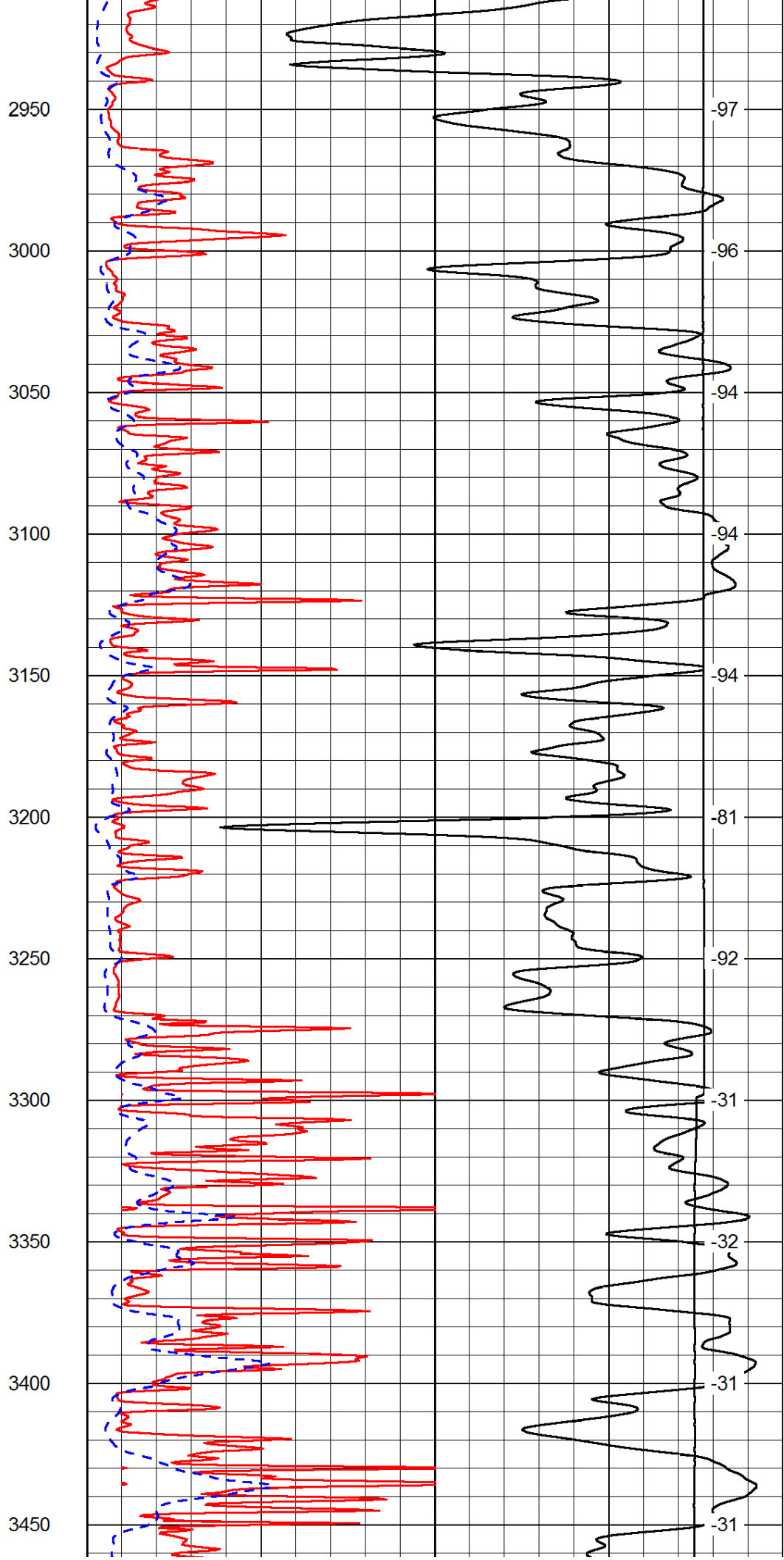
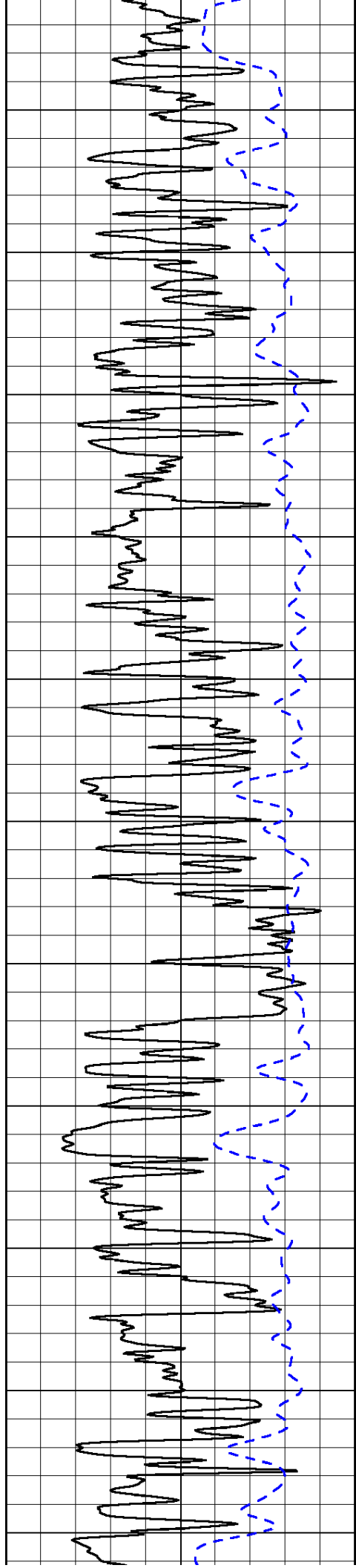


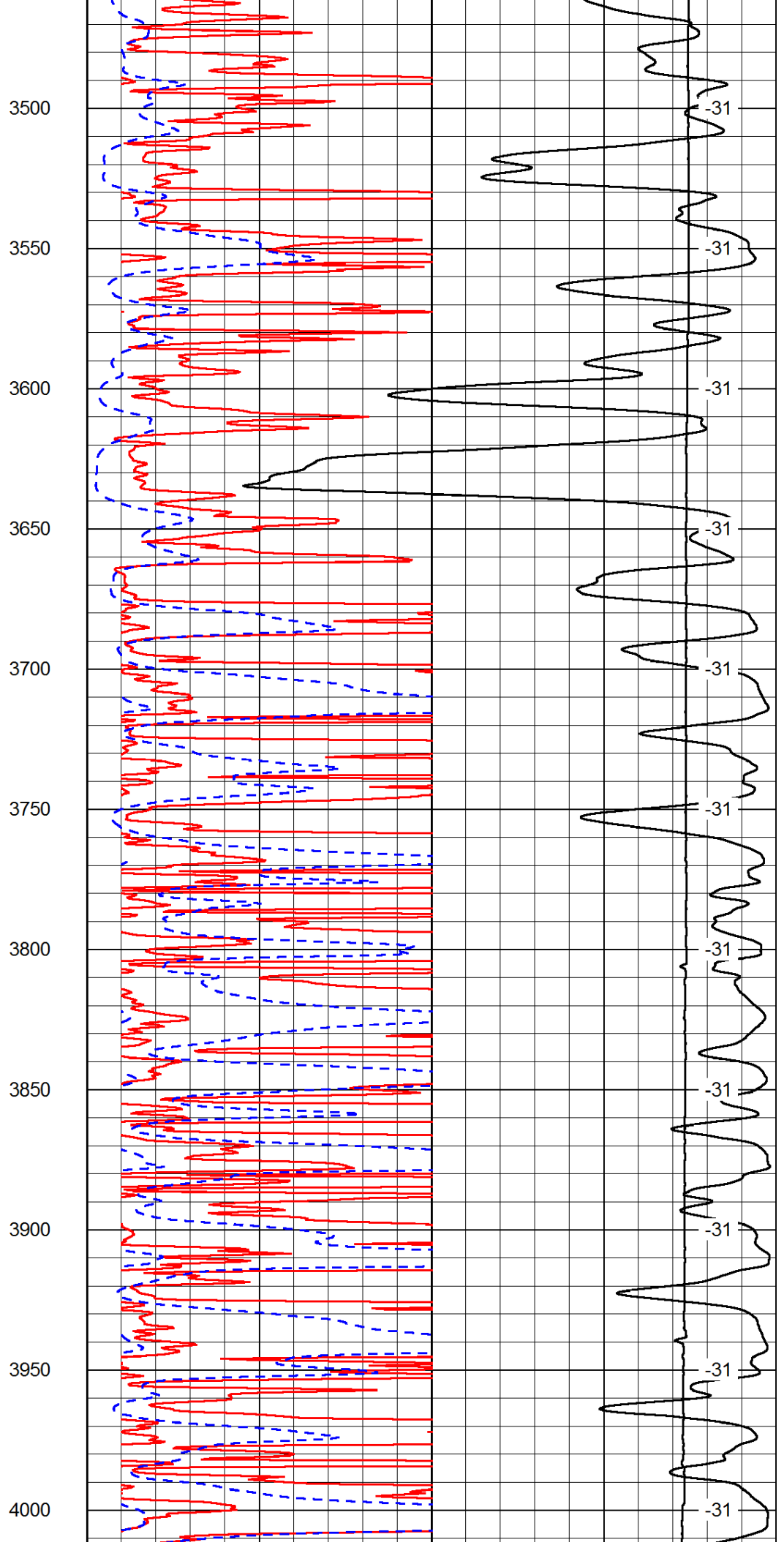
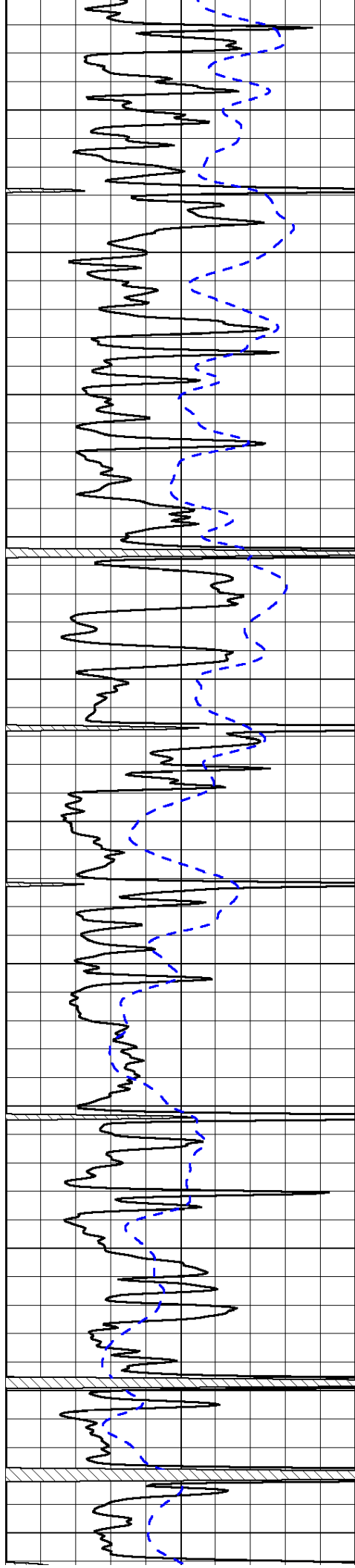


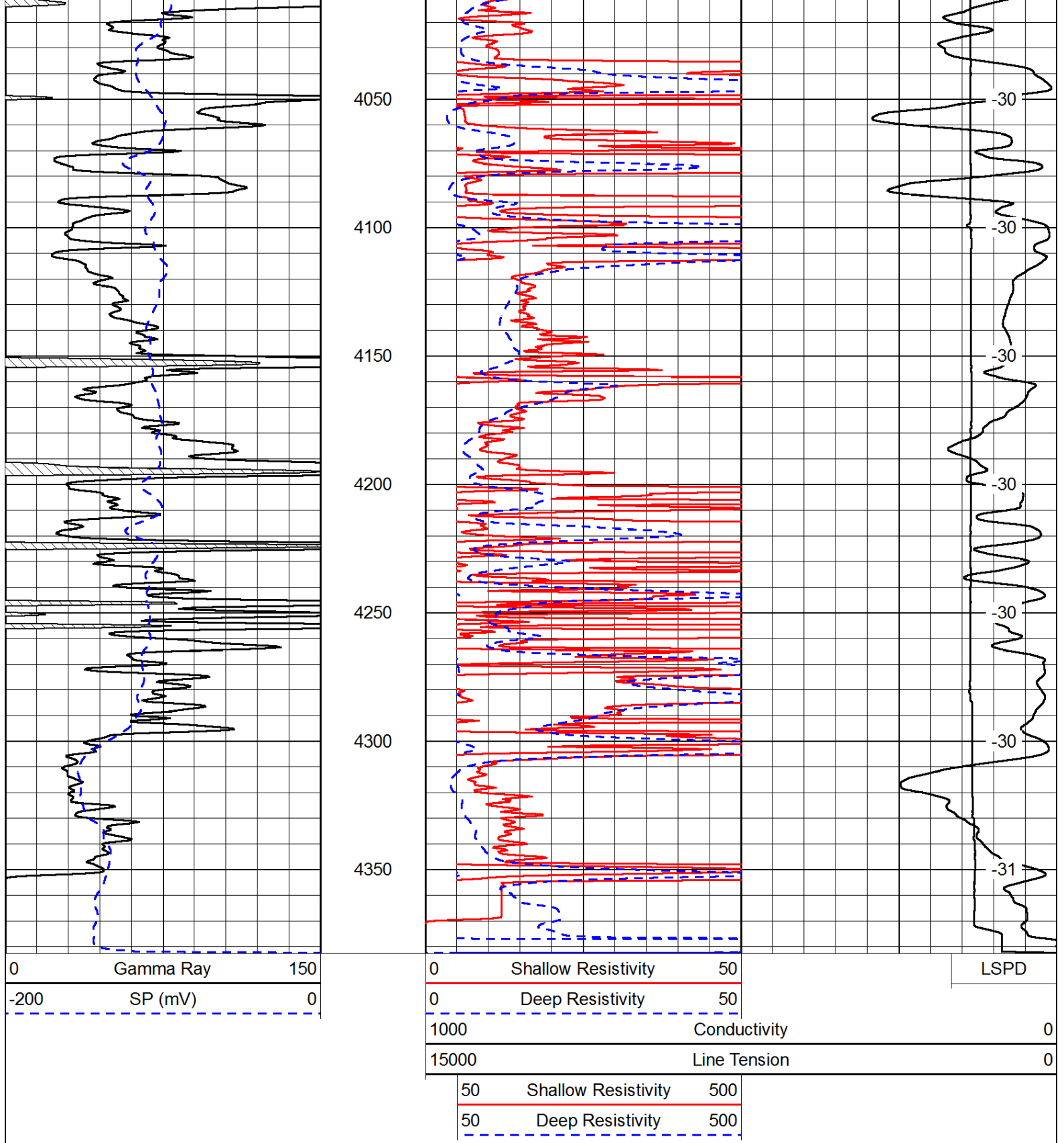






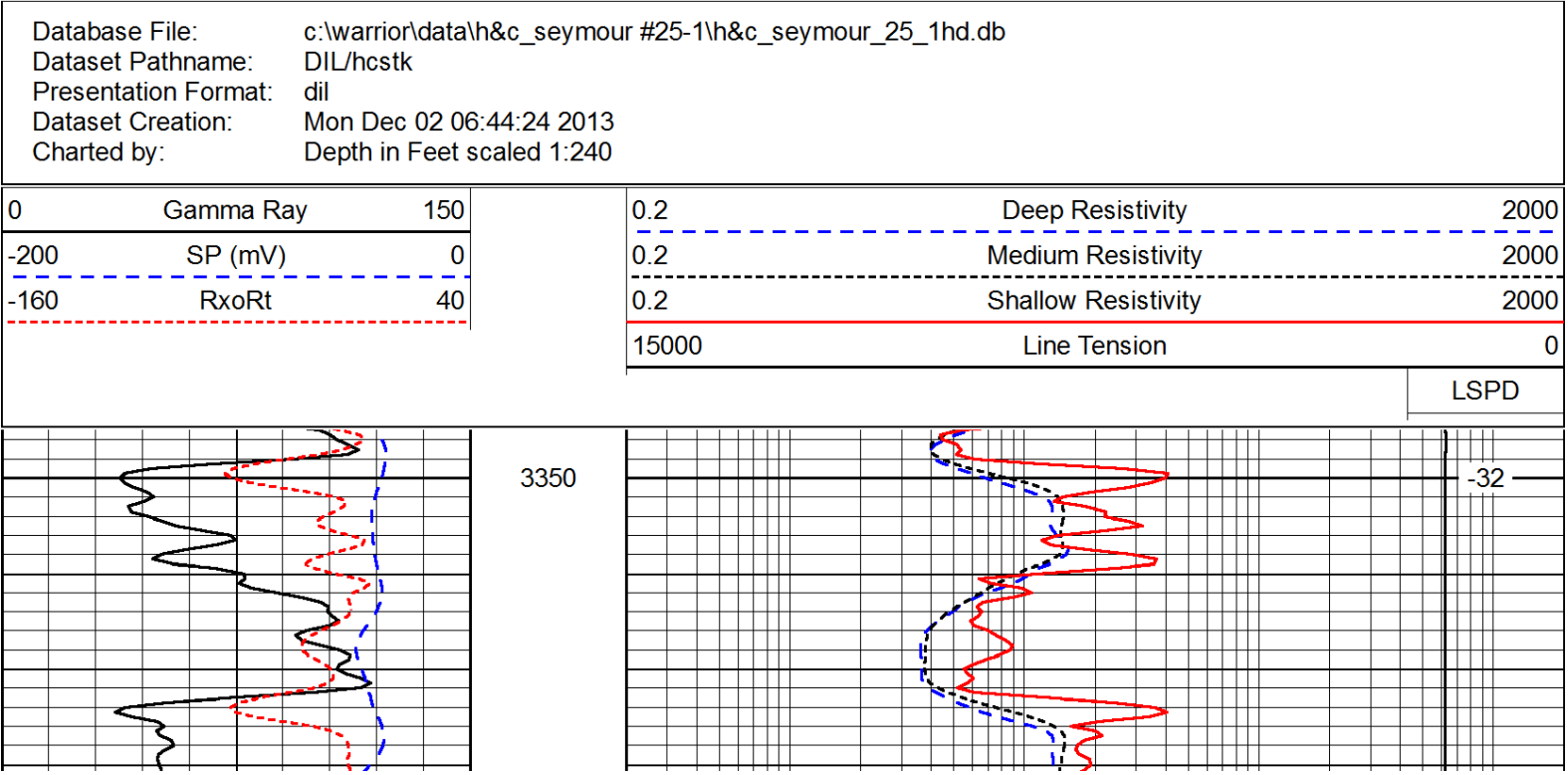
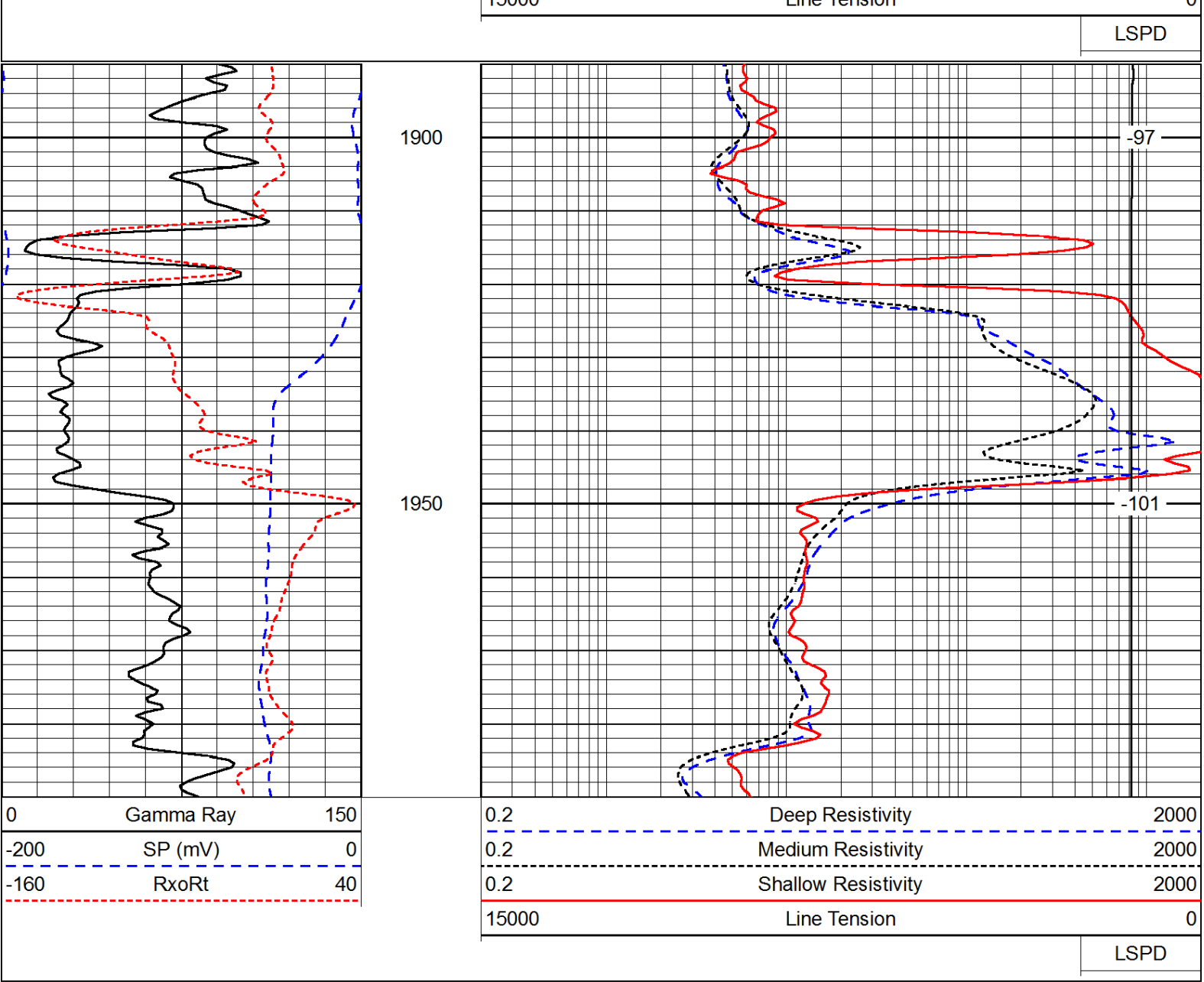


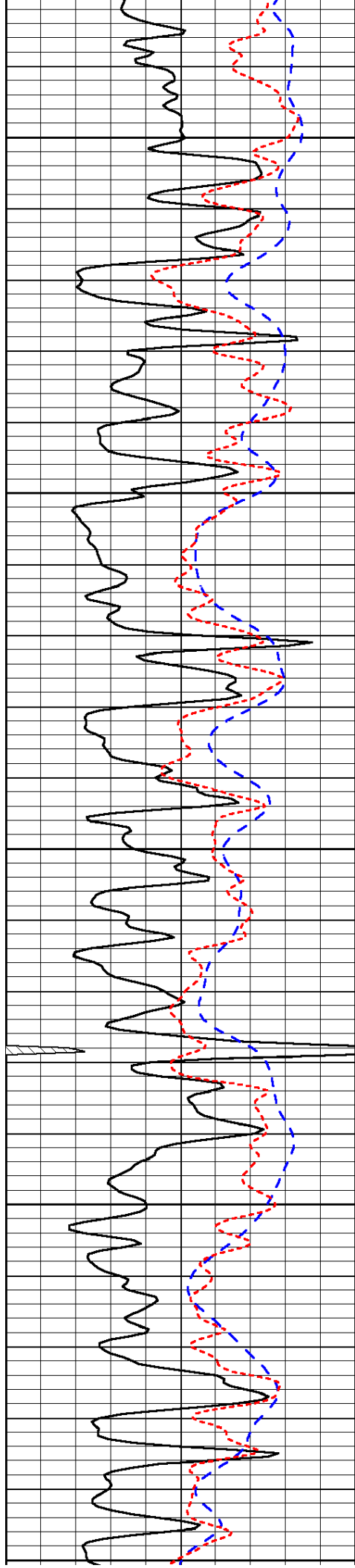




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 Dataset Pathname: DIL/hcstk
 Presentation Format: dil
 Dataset Creation: Mon Dec 02 06:44:24 2013
 Charted by: Depth in Feet scaled 1:240

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





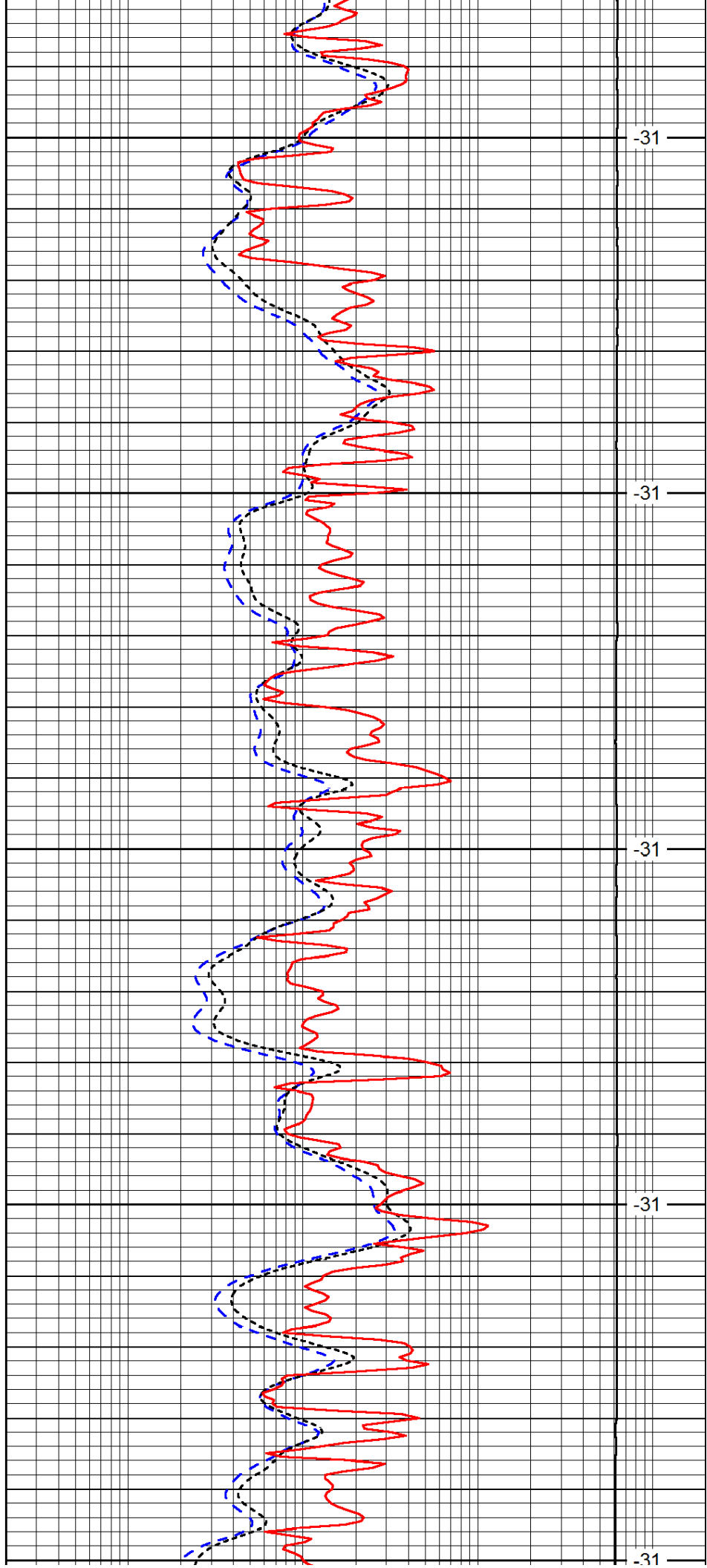
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3450

3500

3550

3600



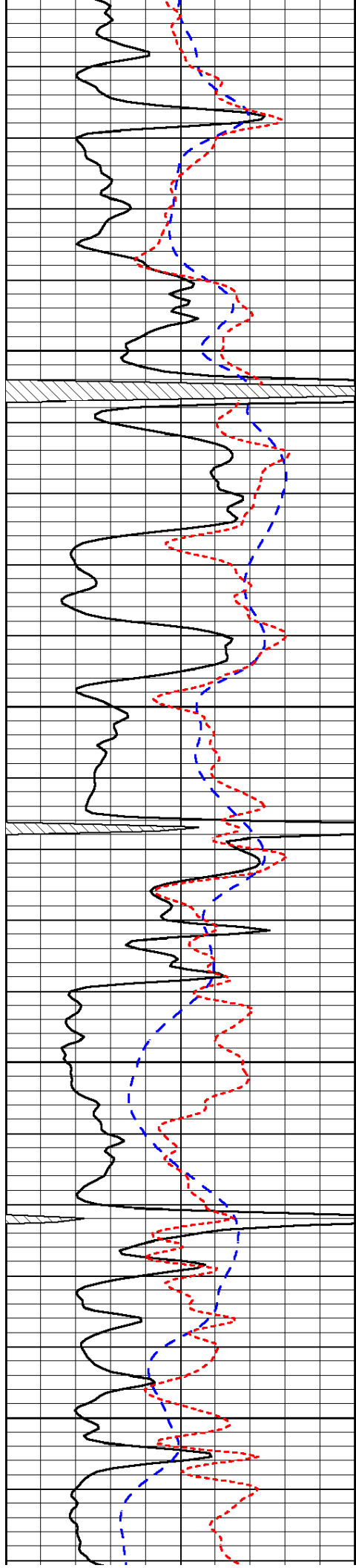
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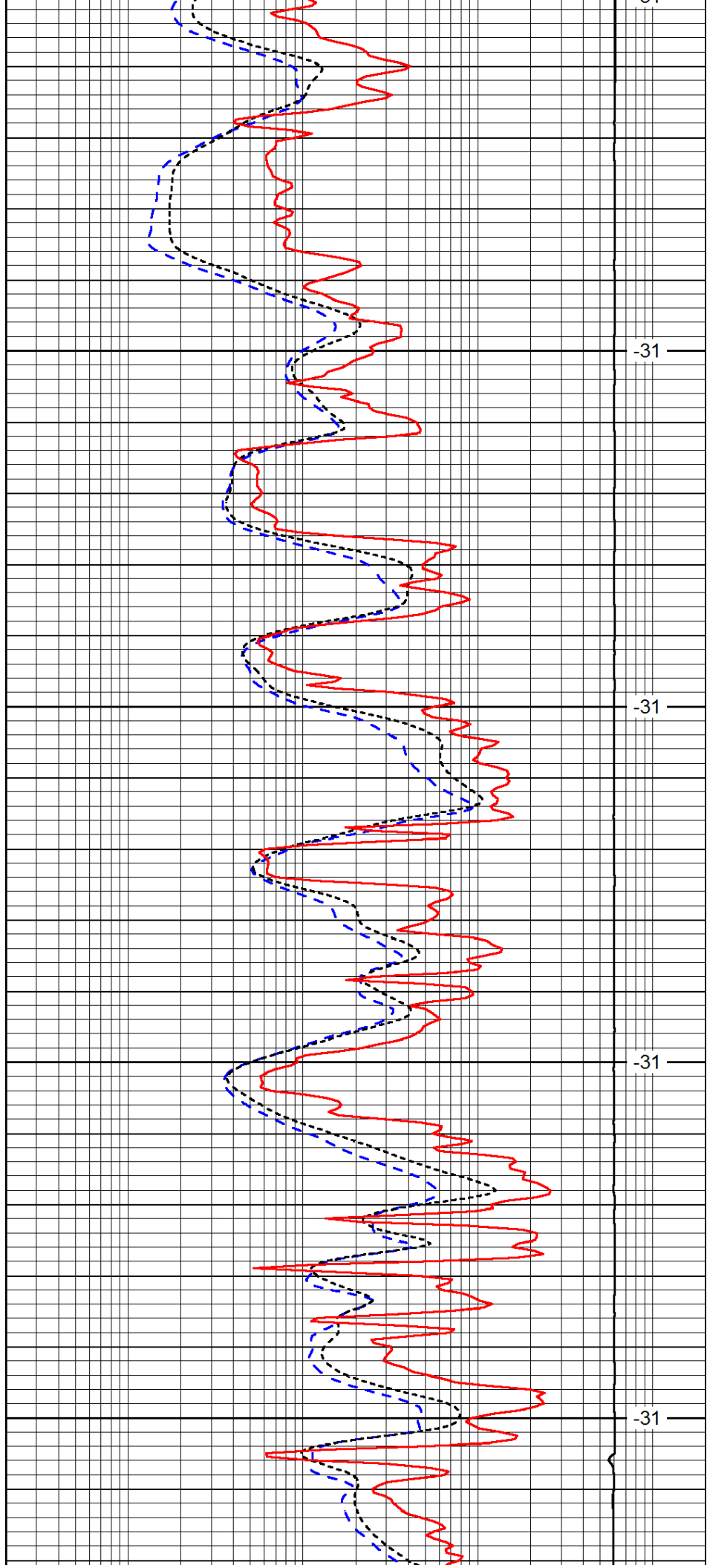


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3700

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3800

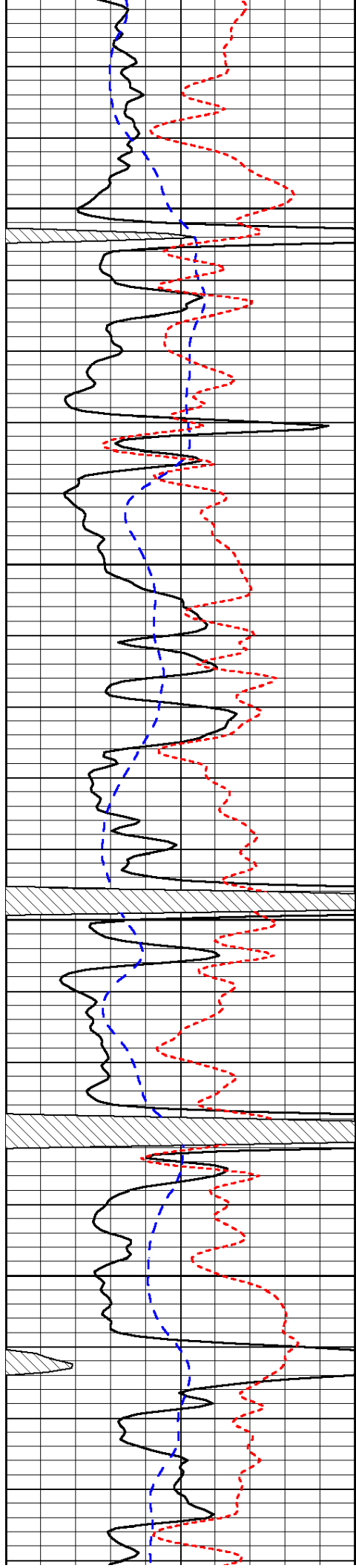


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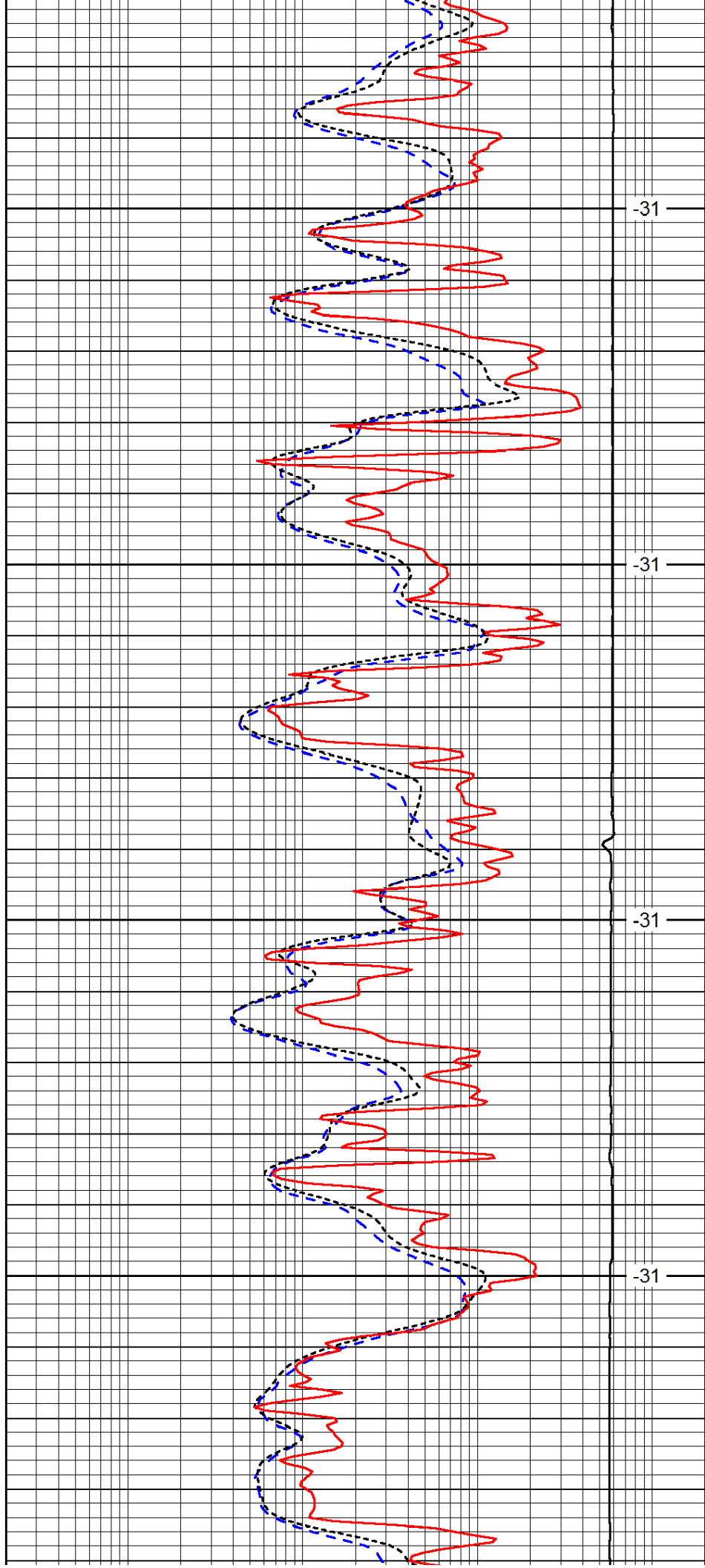


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3900

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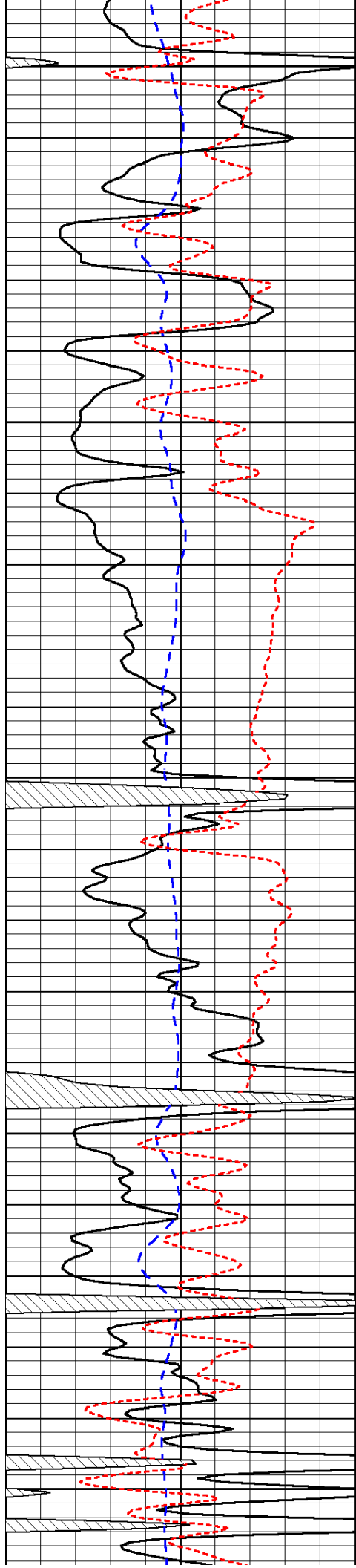


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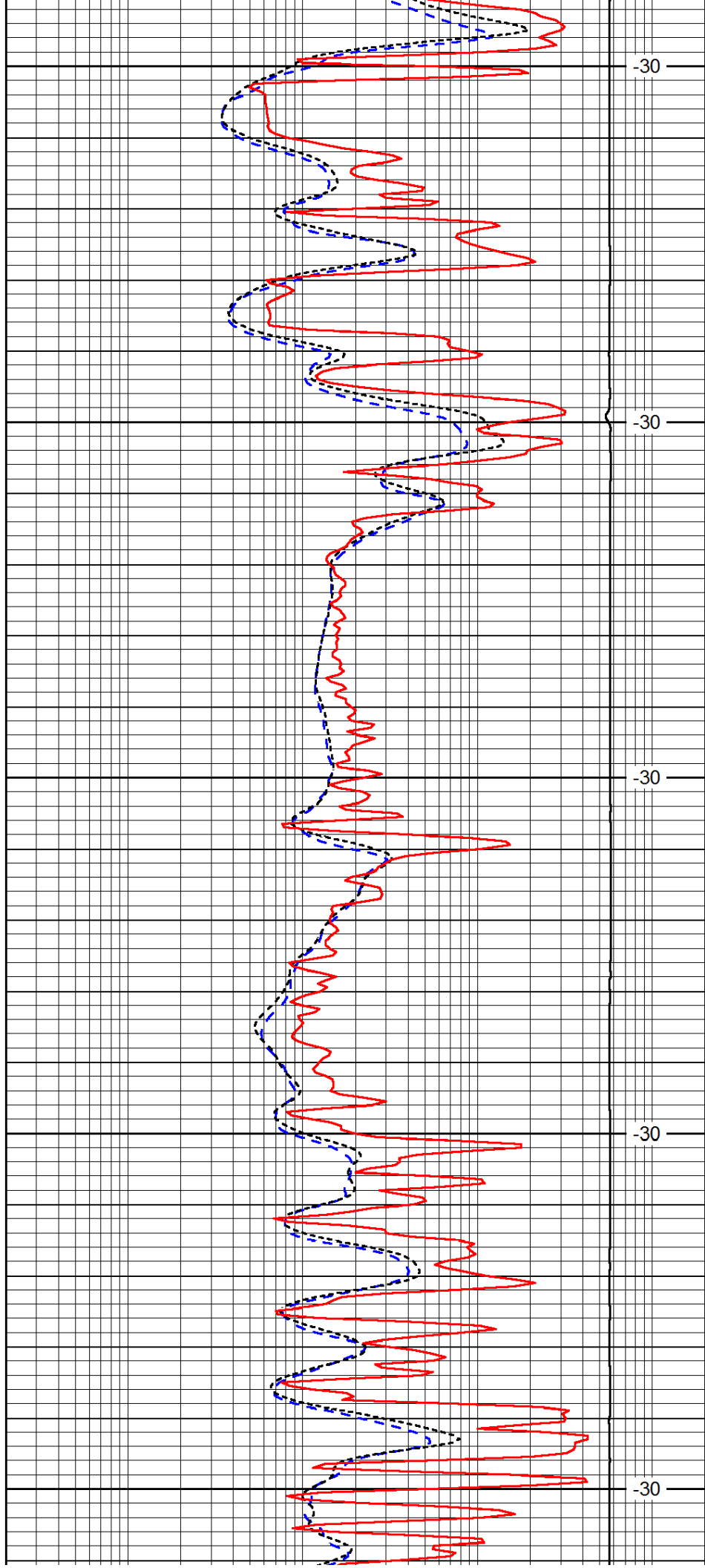
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4200

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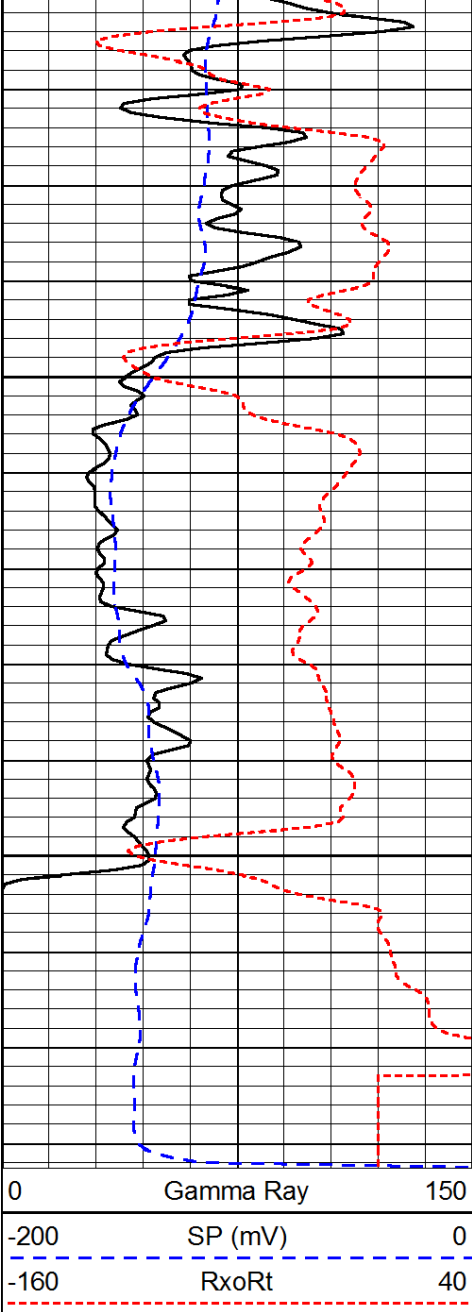
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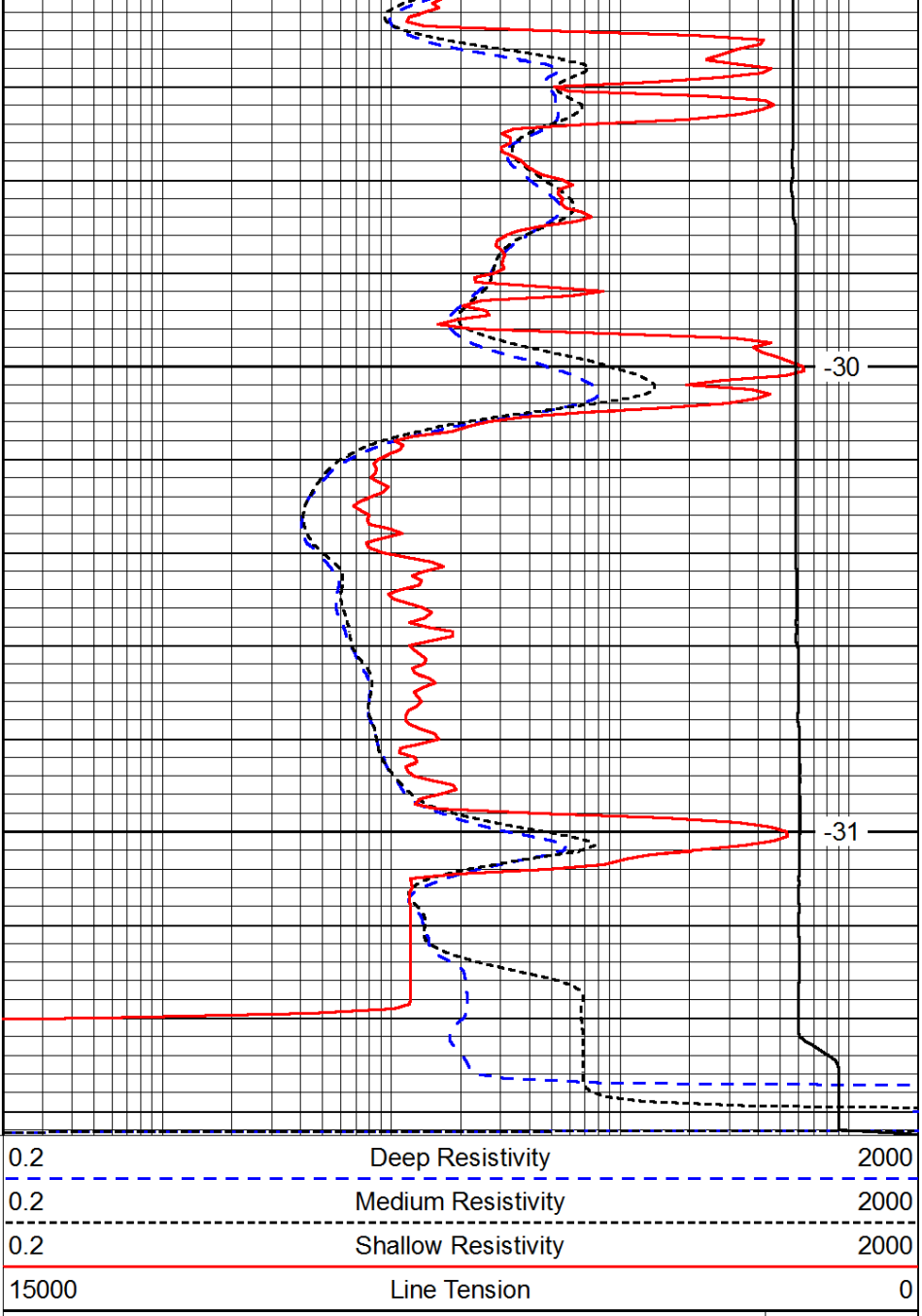
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4300

4350



-30

-31

LSPD