



Dual Induction Log

Pioneer Energy Services

API No.	Company Lebsack Oil Production, Inc.				
	Well North River # 3				
	Field Grove				
	County Rice	State		Kansas	
15-159-22,790-00-00	Location		N2-S2-SW-NW 2000' FNL & 660' FWL		Other Services CNL/CDL MEL
	Sec: 34		Twp: 20S Rge: 10W		
	Permanent Datum Ground Level		Elevation 1719		
	Log Measured From Kelly Bushing	9 Ft. Above Perm. Datum		K.B. 1728 D.F. 1719 G.L. 1719	
	Drilling Measured From Kelly Bushing				
Date		8/21/2014			
Run Number		One			
Depth Driller		3308			
Depth Logger		3306			
Bottom Logged Interval		3305			
Top Log Interval		300			
Casing Driller		8.625 @ 306			
Casing Logger		303			
Bit Size		7.875			
Type Fluid in Hole		Chemical			
Salinity, ppm CL		4000			
Density / Viscosity		9.2	52		
pH / Fluid Loss		10.0	8.8		
Source of Sample		Flowline			
Rm @ Meas. Temp		.42 @ 76			
Rmf @ Meas. Temp		.32 @ 76			
Rmc @ Meas. Temp		.57 @ 76			
Source of Rmf / Rmc		Charts			
Rm @ BHT		.29 @ 109			
Operating Rig Time		3 Hours			
Max Rec. Temp. F		109			
Equipment Number		108			
Location		Hays			
Recorded By		J. Henrickson			
Witnessed By		Josh Austin			

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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

Raymond KS
South Edge of Town(Avenue R), 1 West, South Into

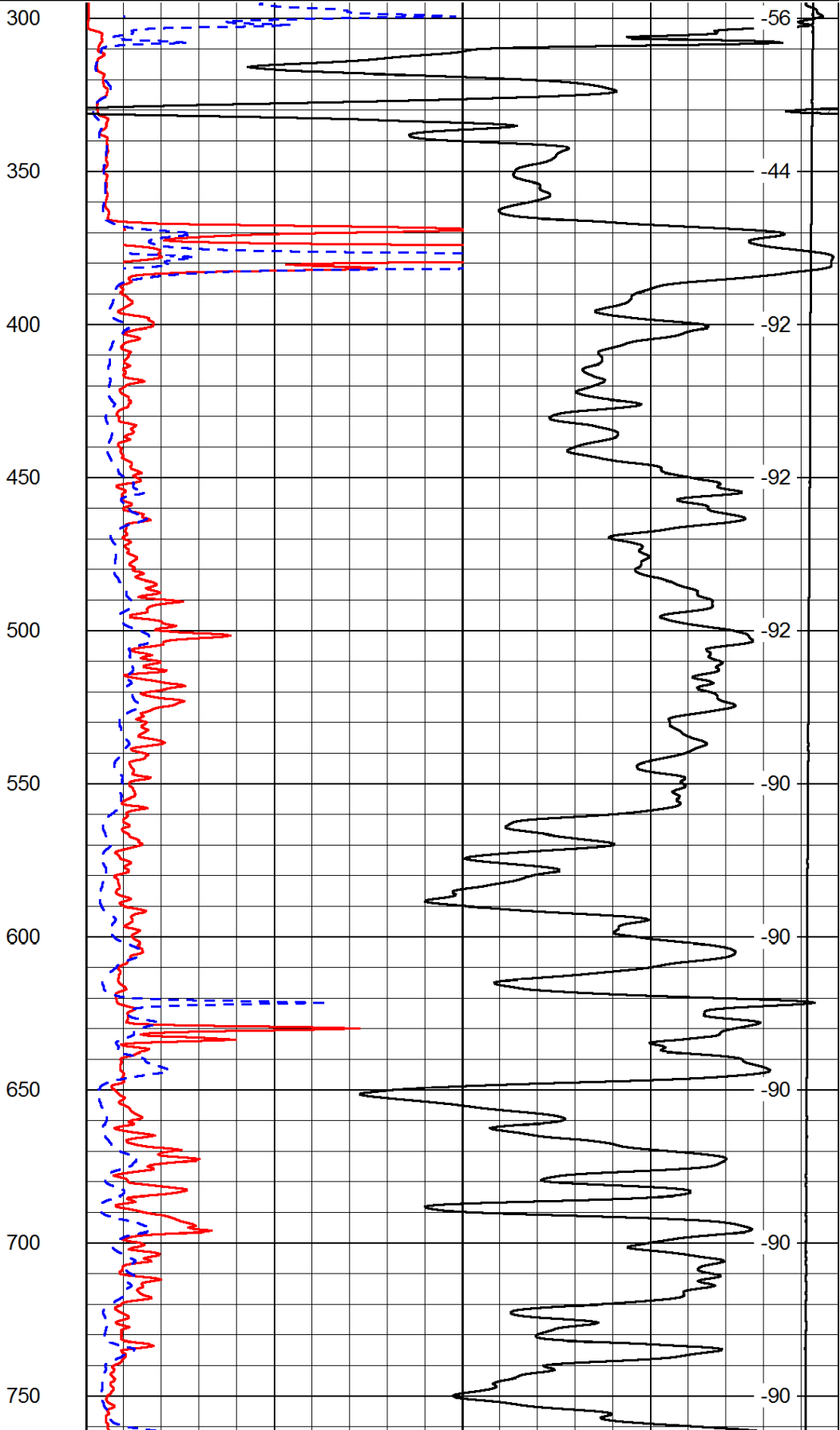
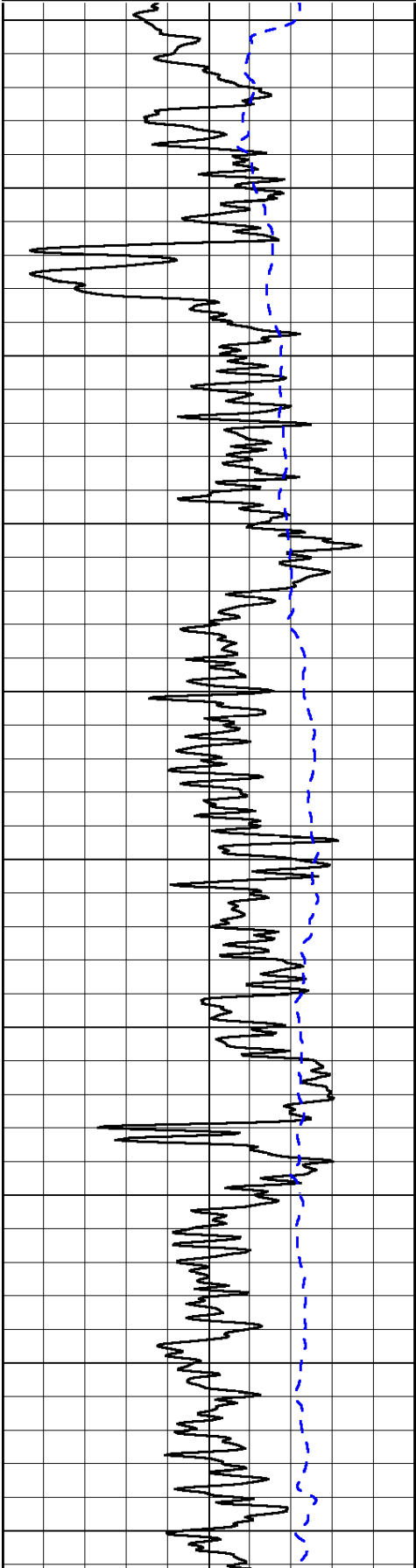
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Presentation Format: dil2in
Dataset Creation: Thu Aug 21 06:00:42 2014
Charted by: Depth in Feet scaled 1:600

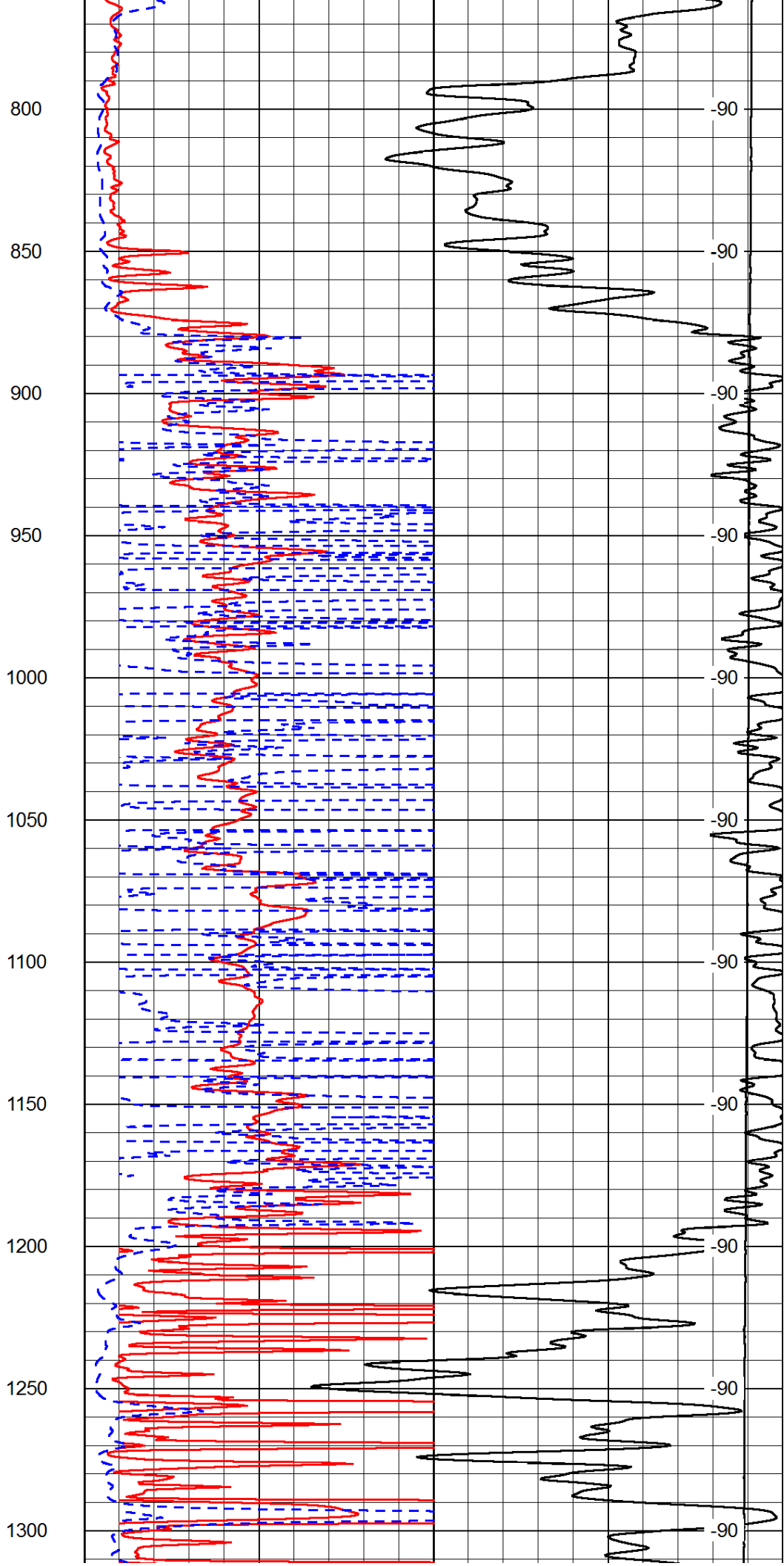
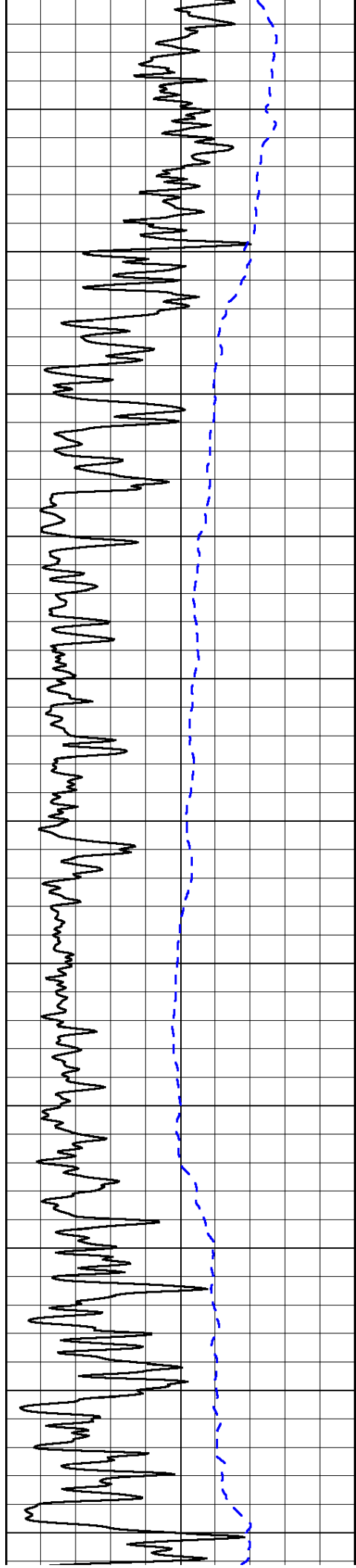
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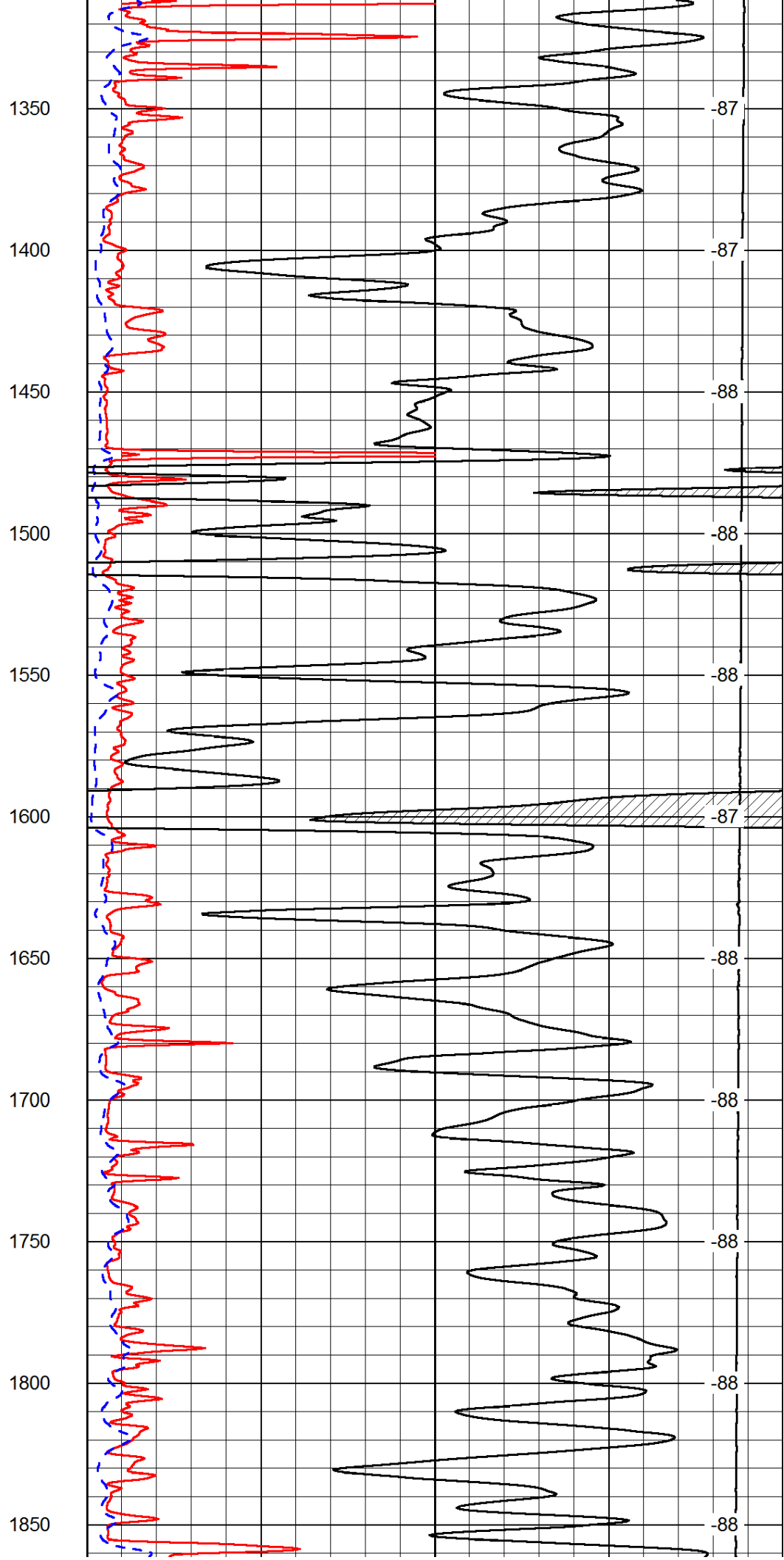
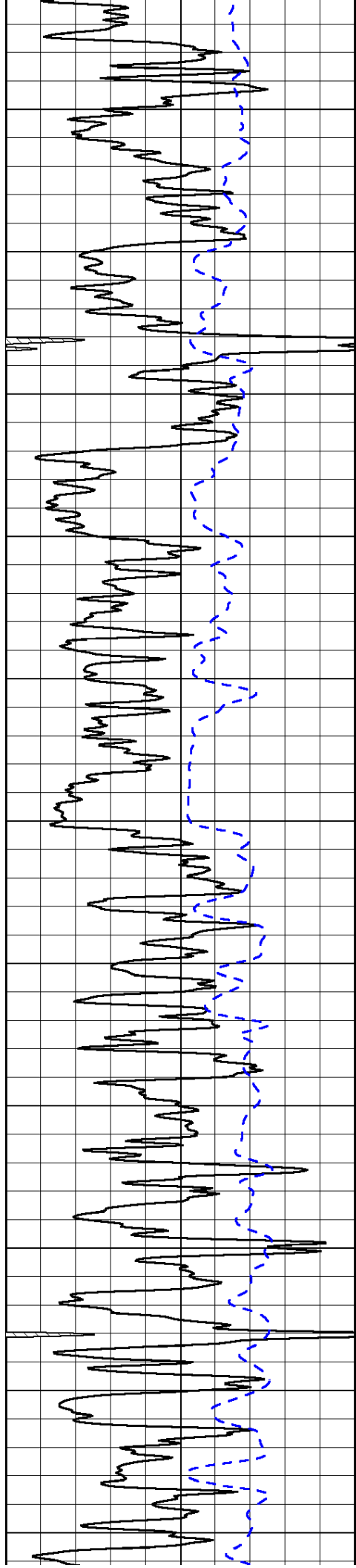
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-200	SP (mV)	0

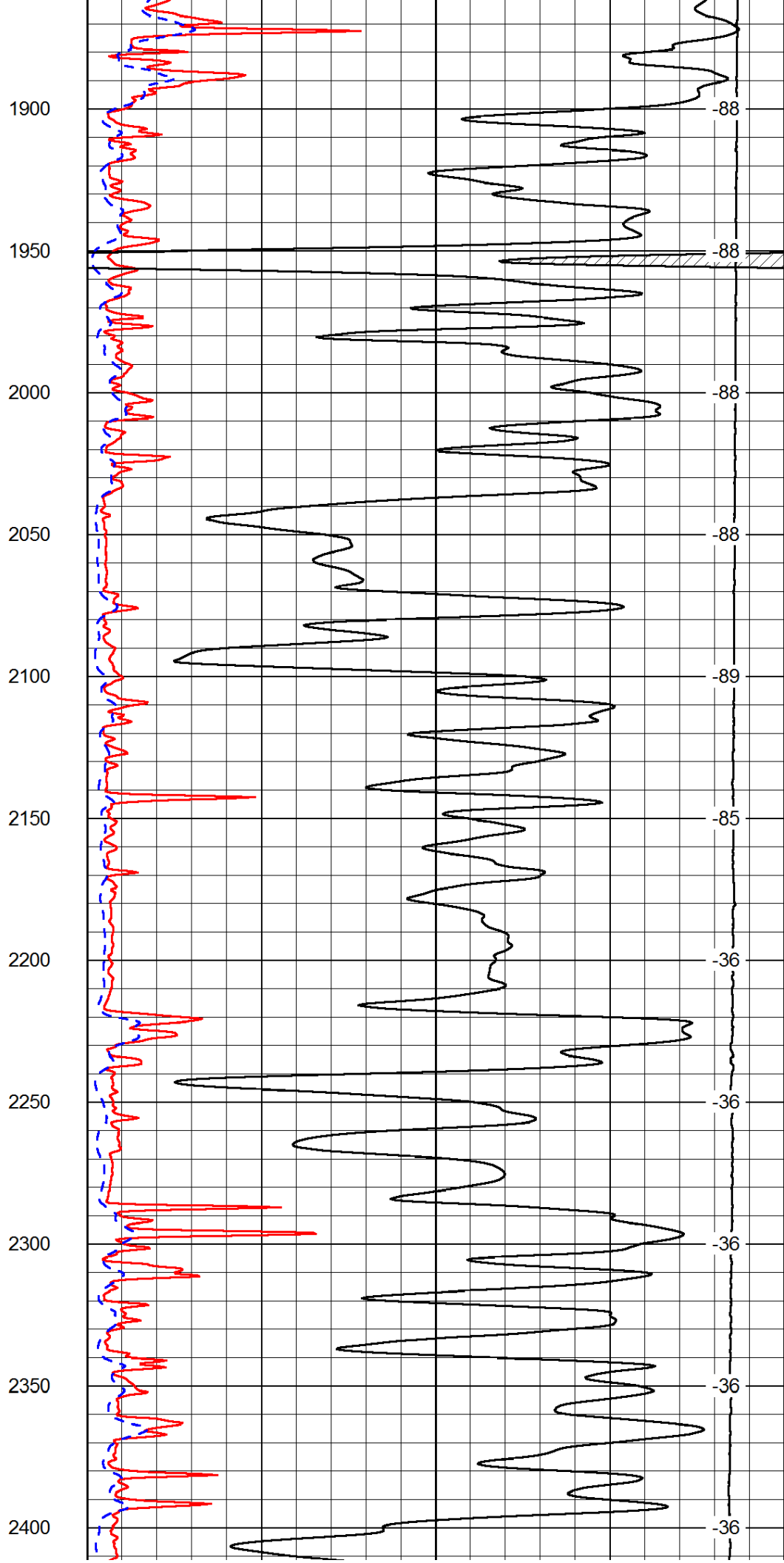
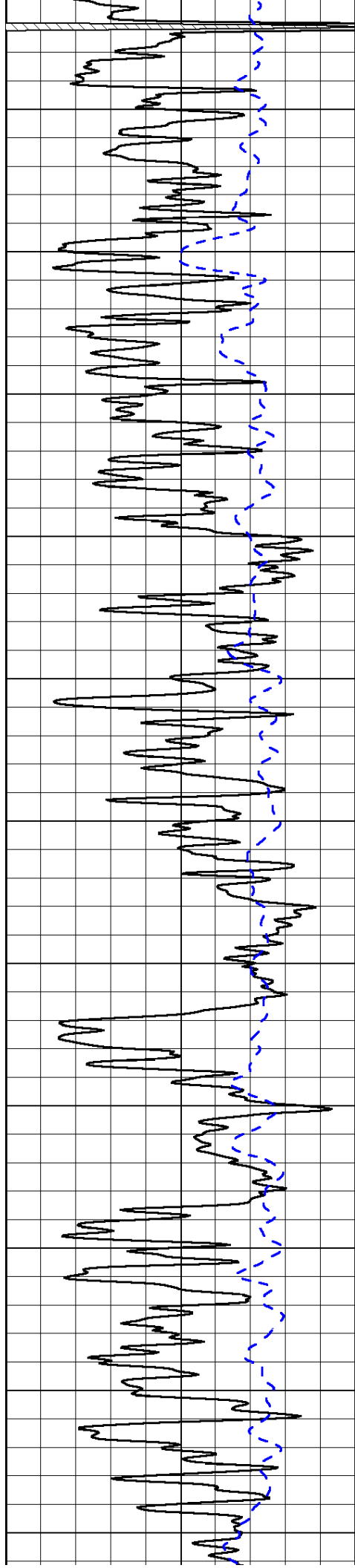
0	Shallow Resistivity	50
0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0
50	Shallow Resistivity	500
50	Deep Resistivity	500

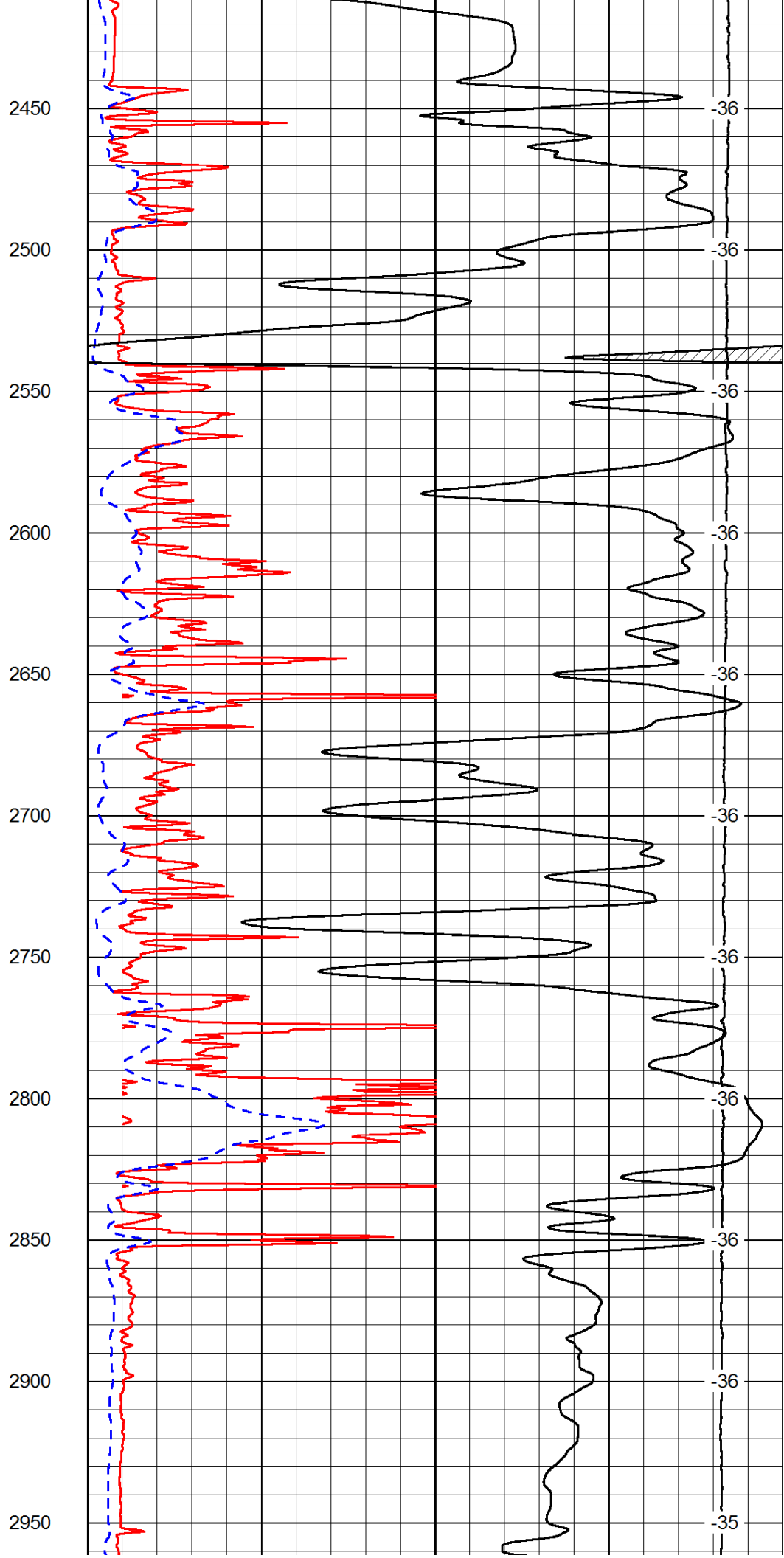
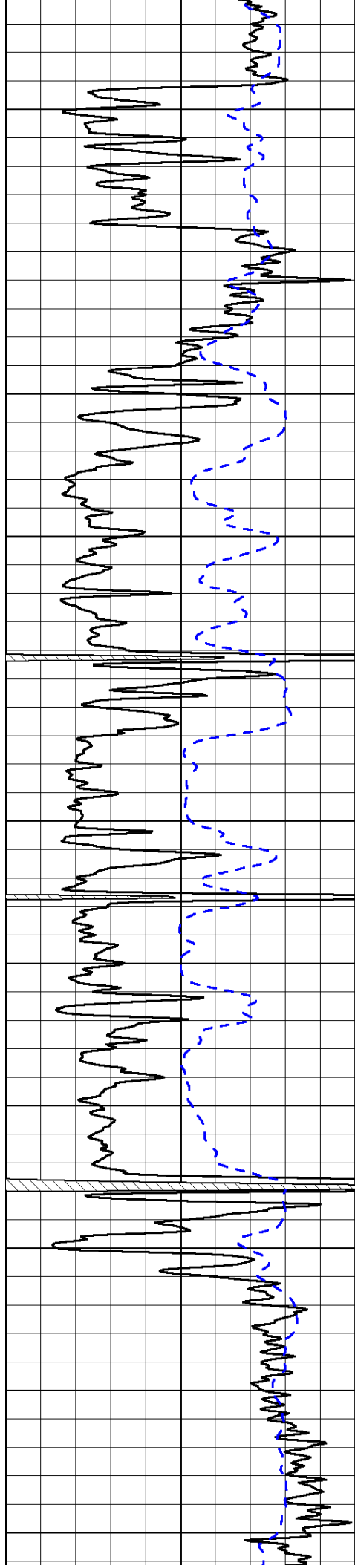
LSPD
0
0

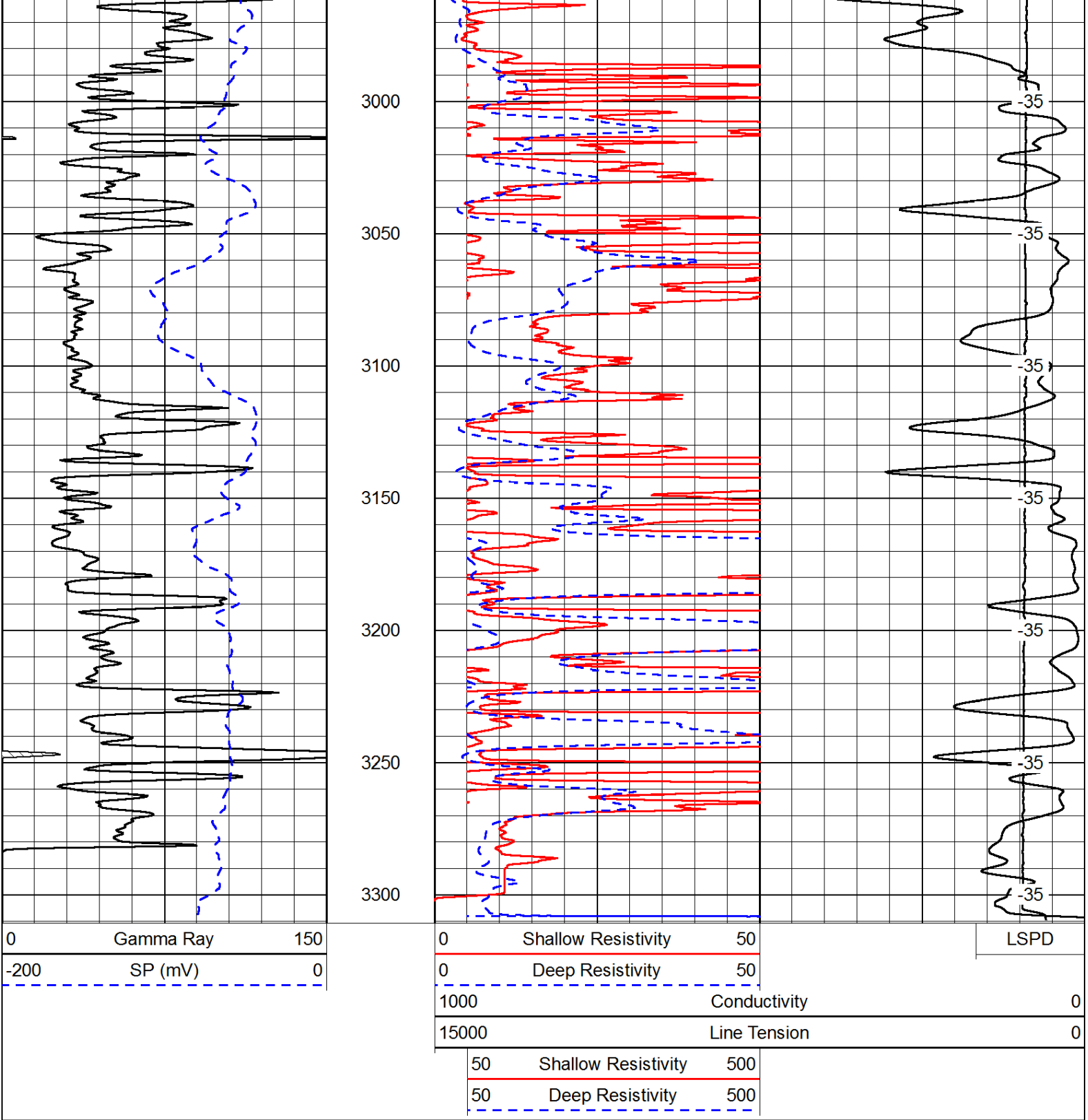




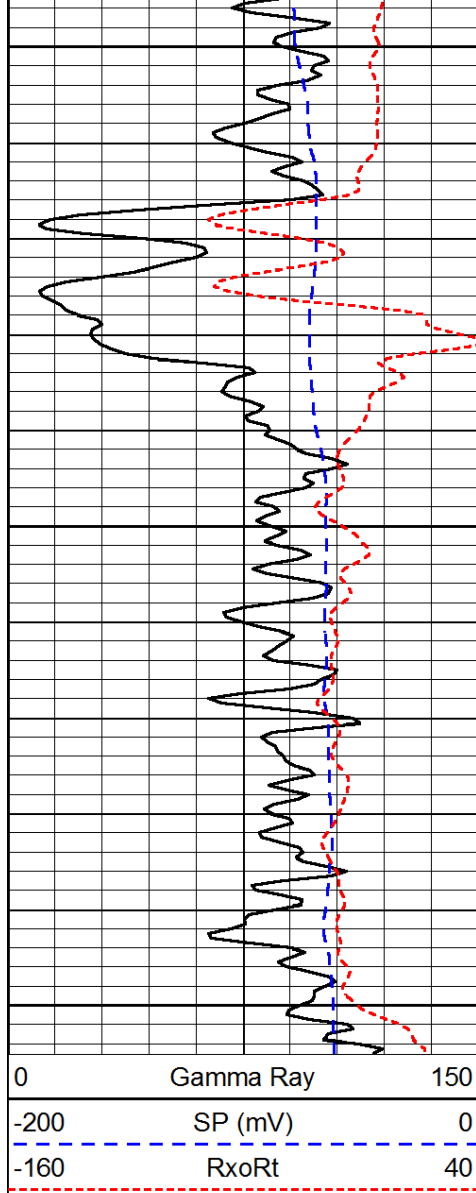








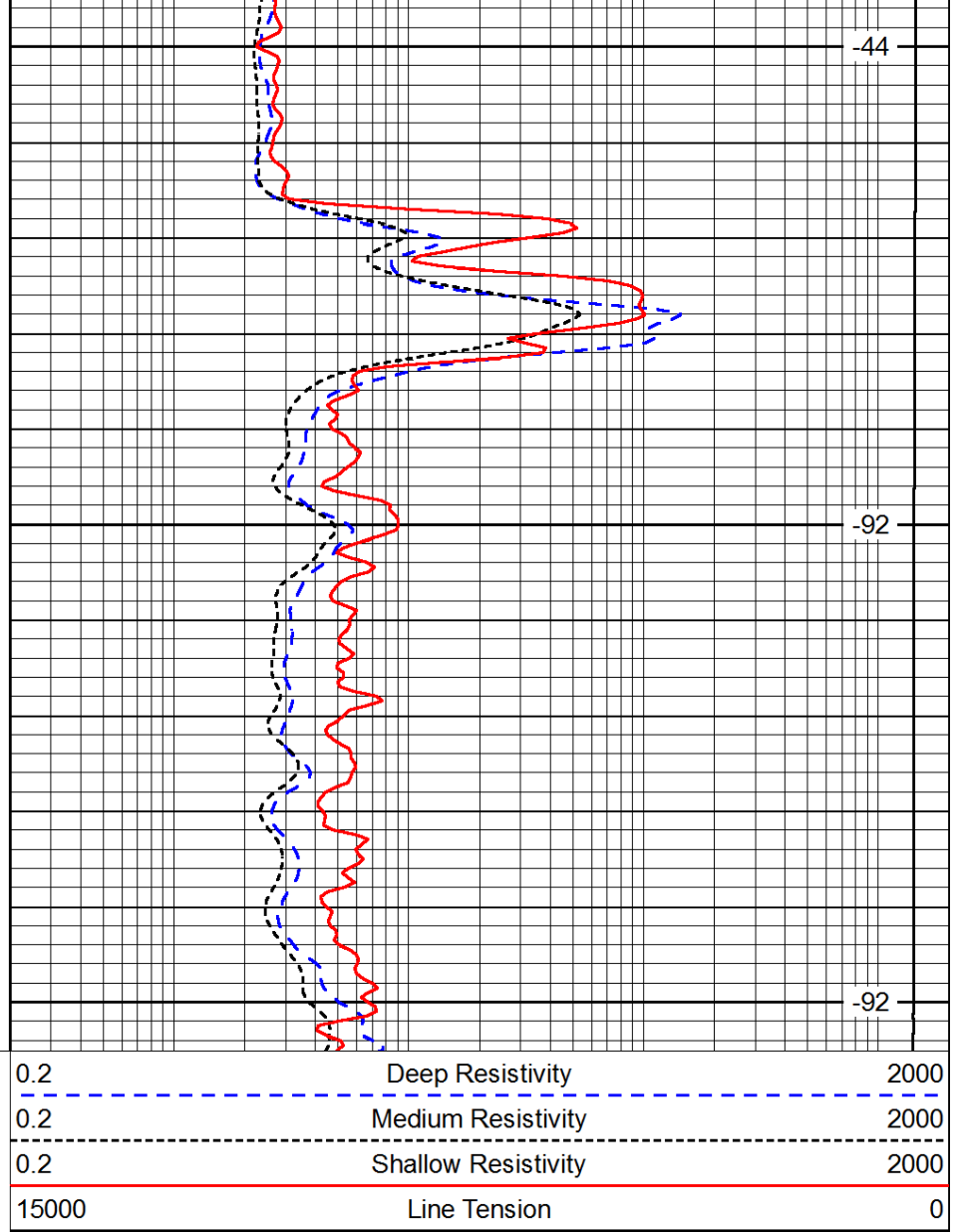
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Dataset Pathname: DIL/lebstk					
Presentation Format: dil					
Dataset Creation: Thu Aug 21 06:00:42 2014					
Charted by: Depth in Feet scaled 1:240					
0	Gamma Ray	150	0.2	Deep Resistivity	2000
-200	SP (mV)	0	0.2	Medium Resistivity	2000
-160	RxoRt	40	0.2	Shallow Resistivity	2000
			15000	Line Tension	0
					LSPD



350

400

450



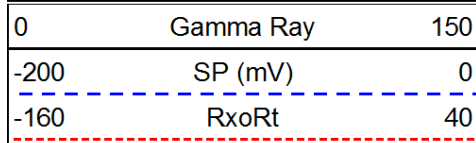
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-92

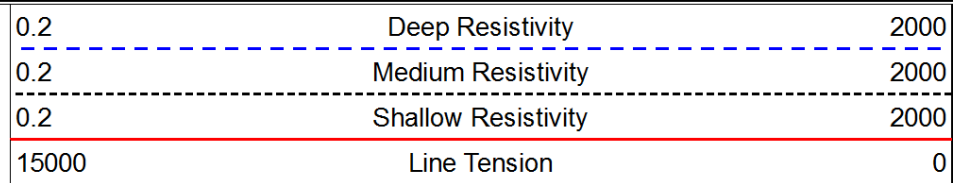
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LSPD

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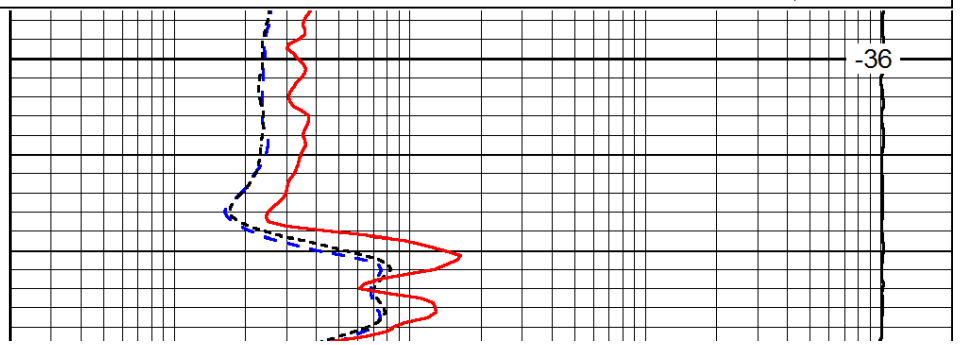
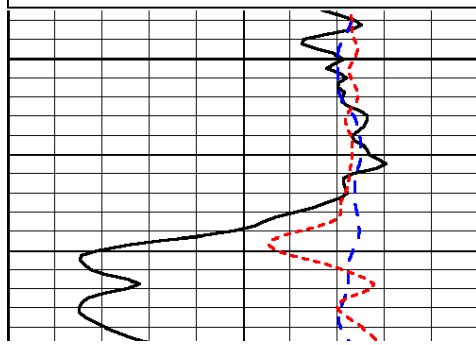


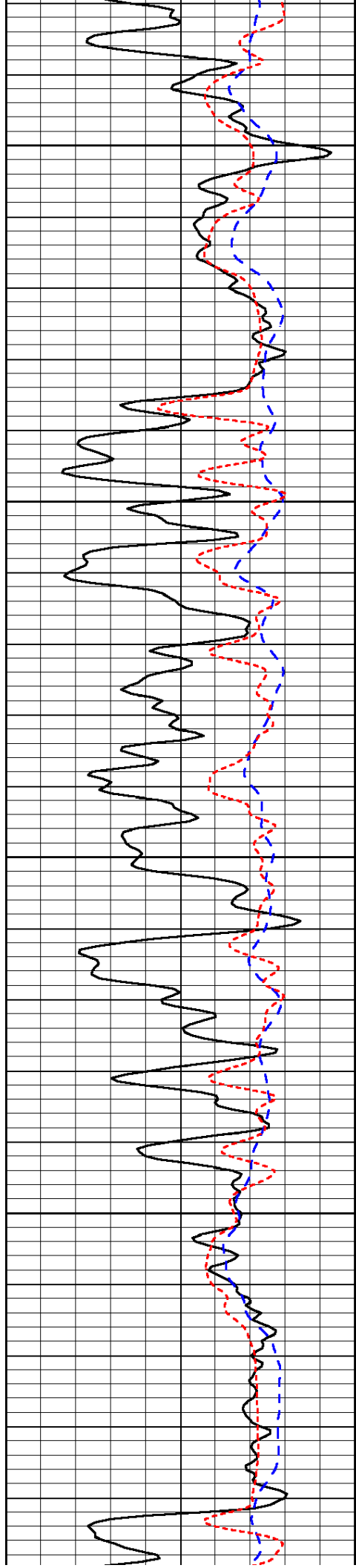
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-36

LSPD





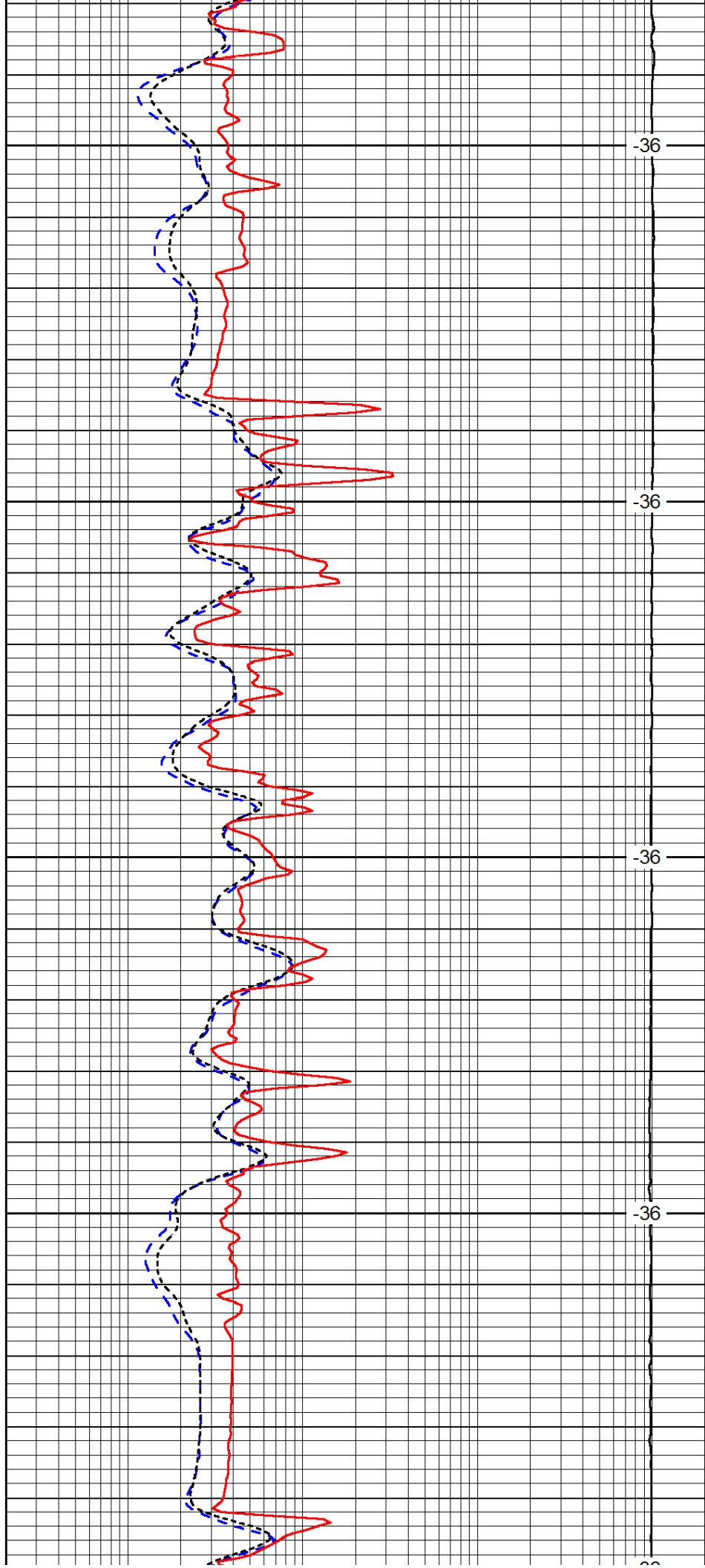
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2300

2350

2400

2450



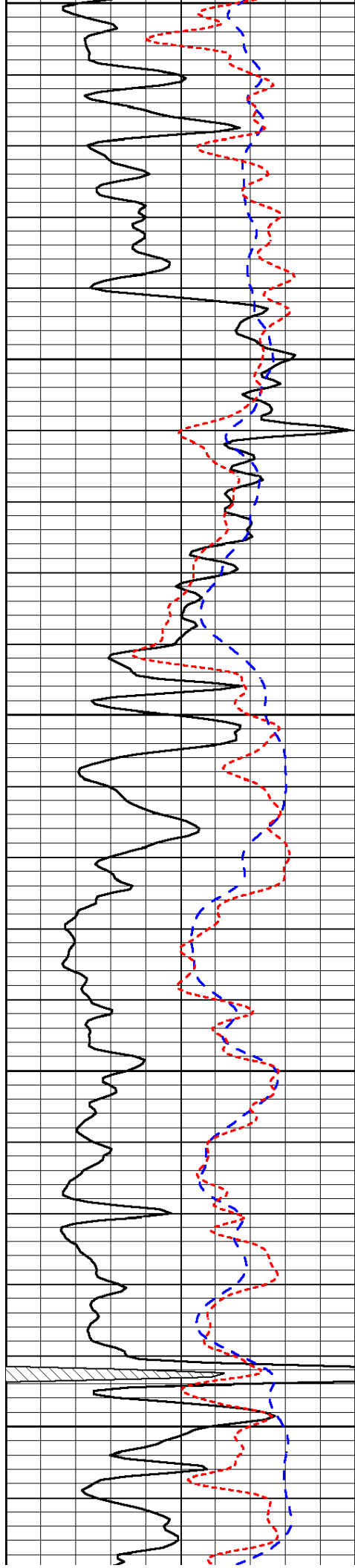
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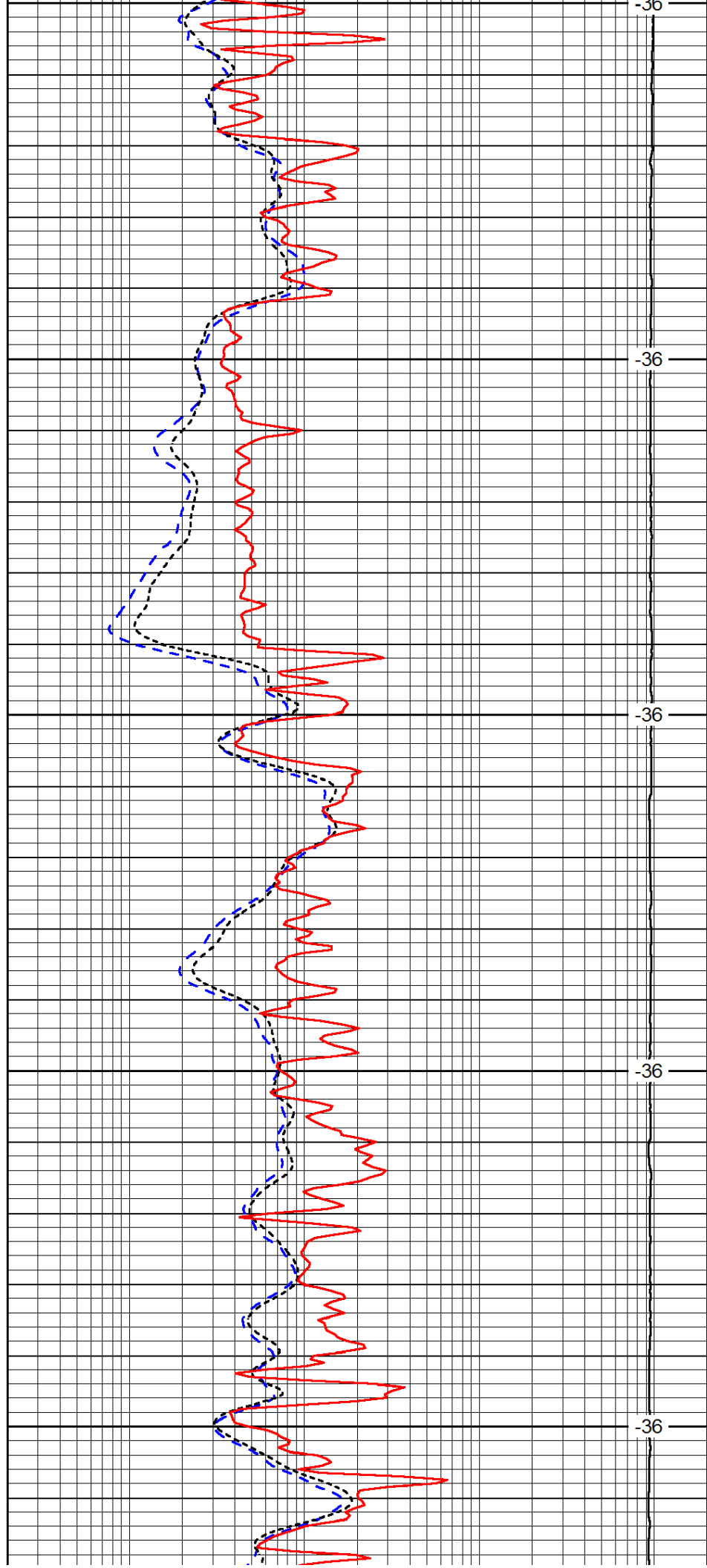
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2500

2550

2600

2650



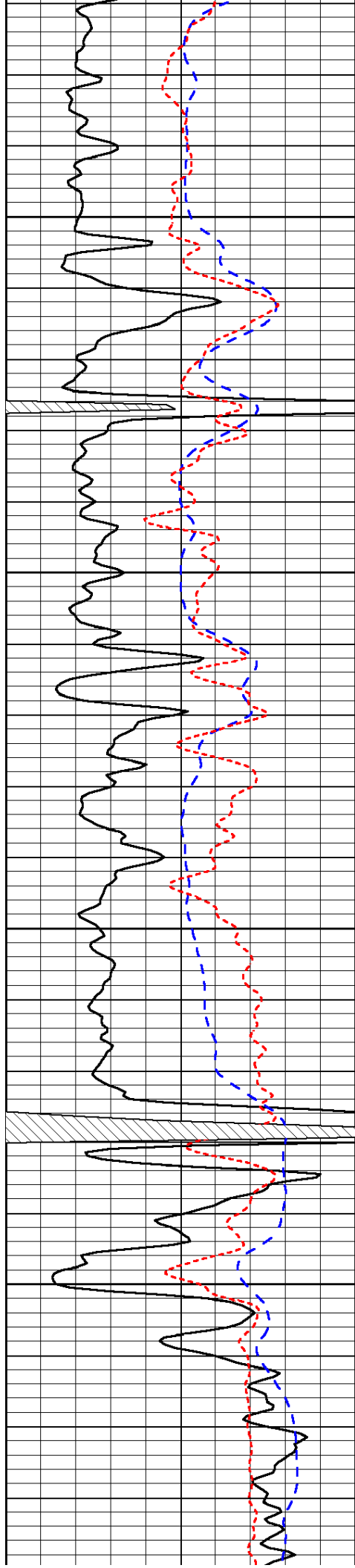
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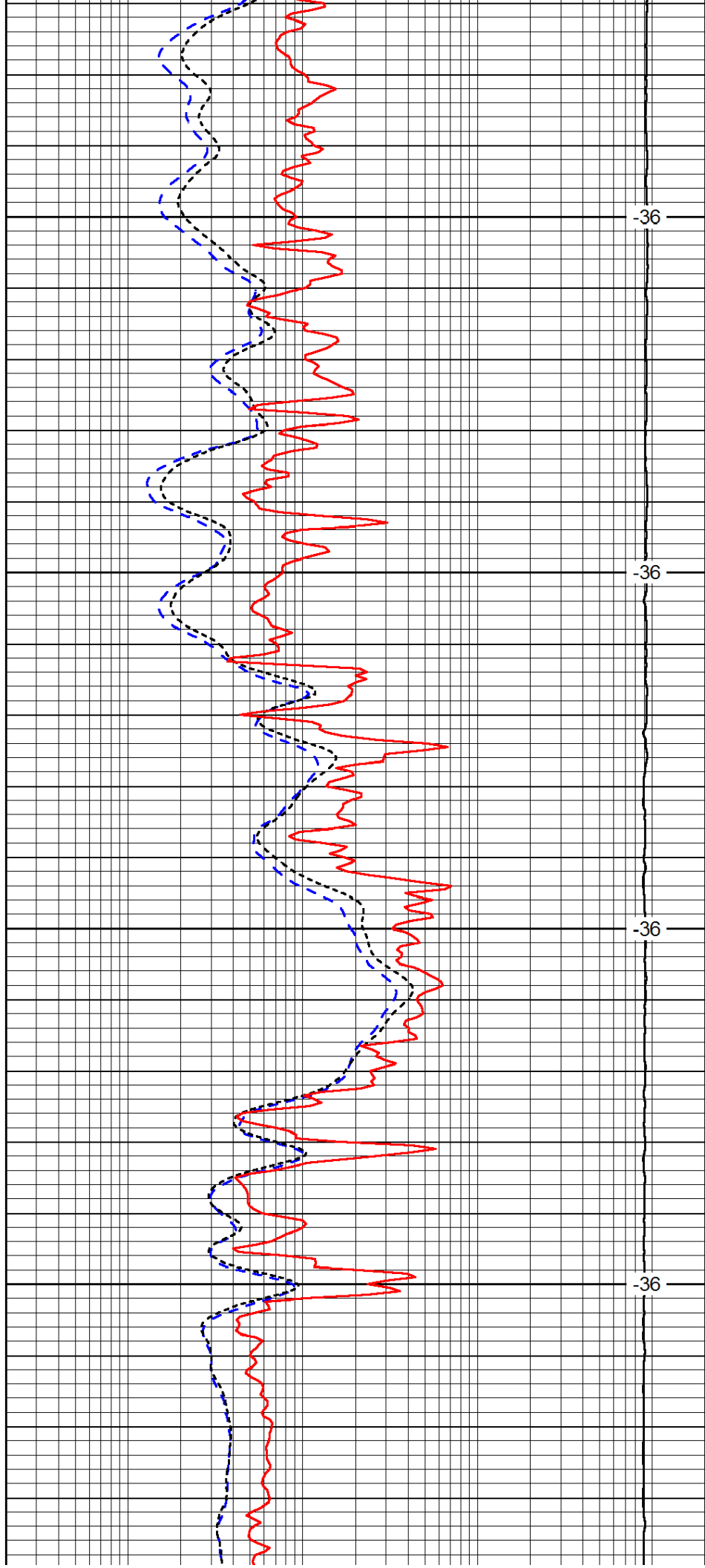


2700

2750

2800

2850

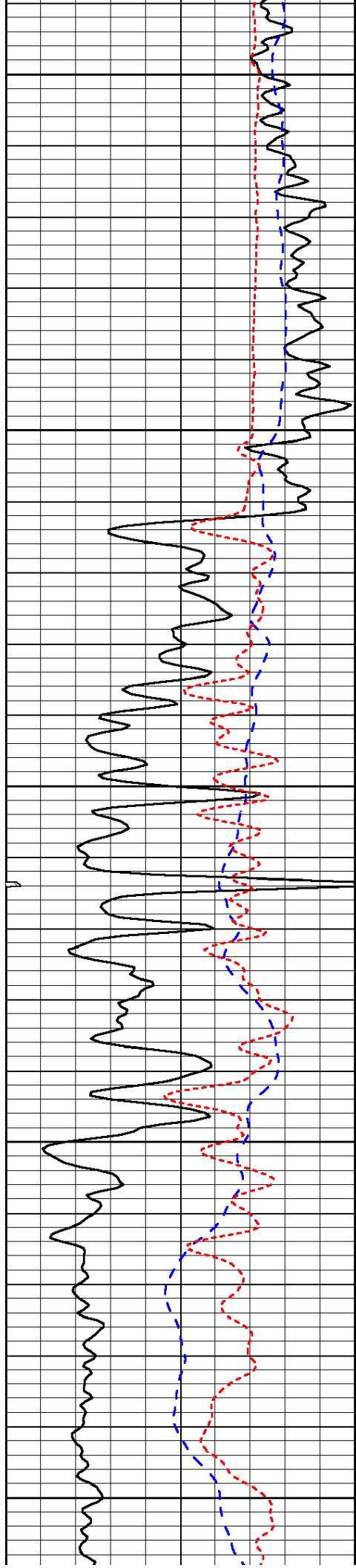


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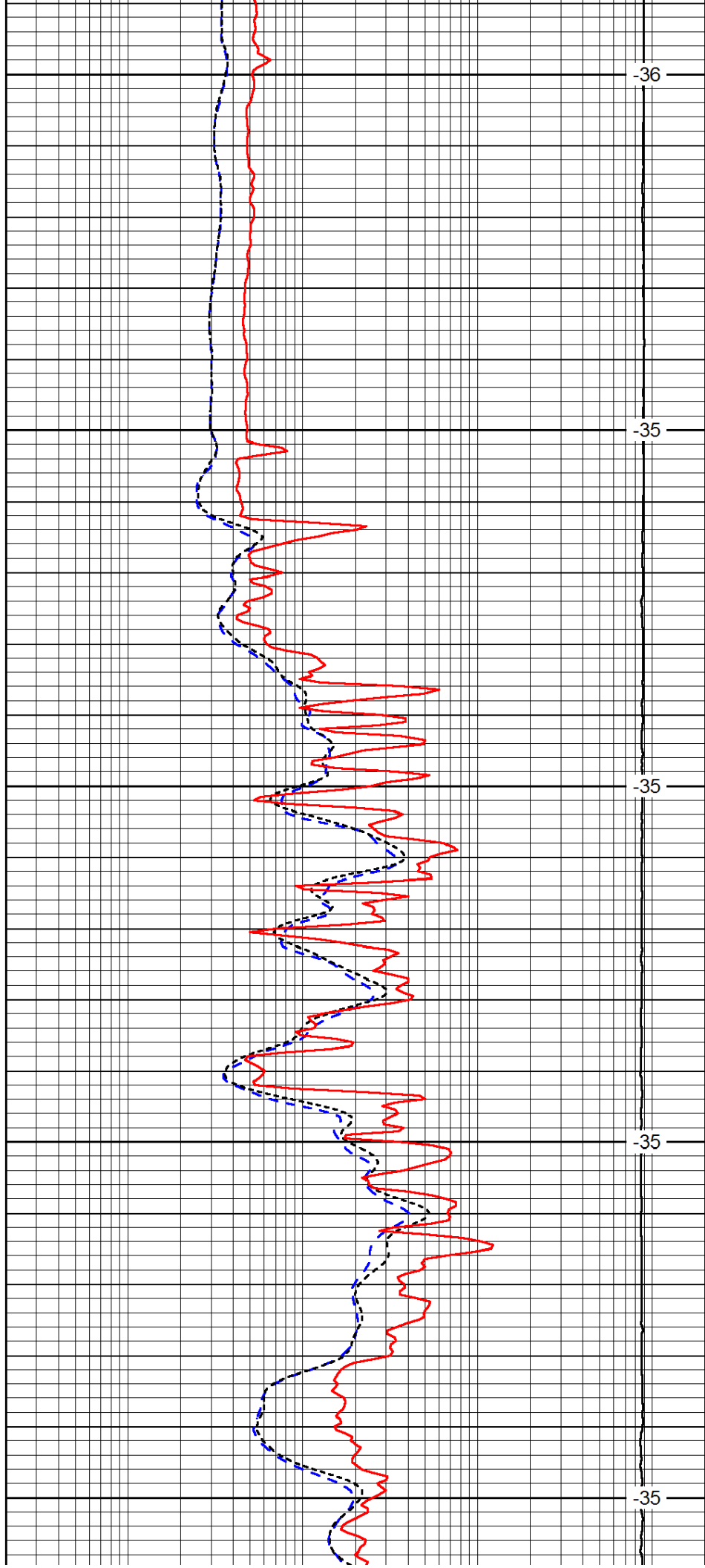
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2950

3000

3050

3100



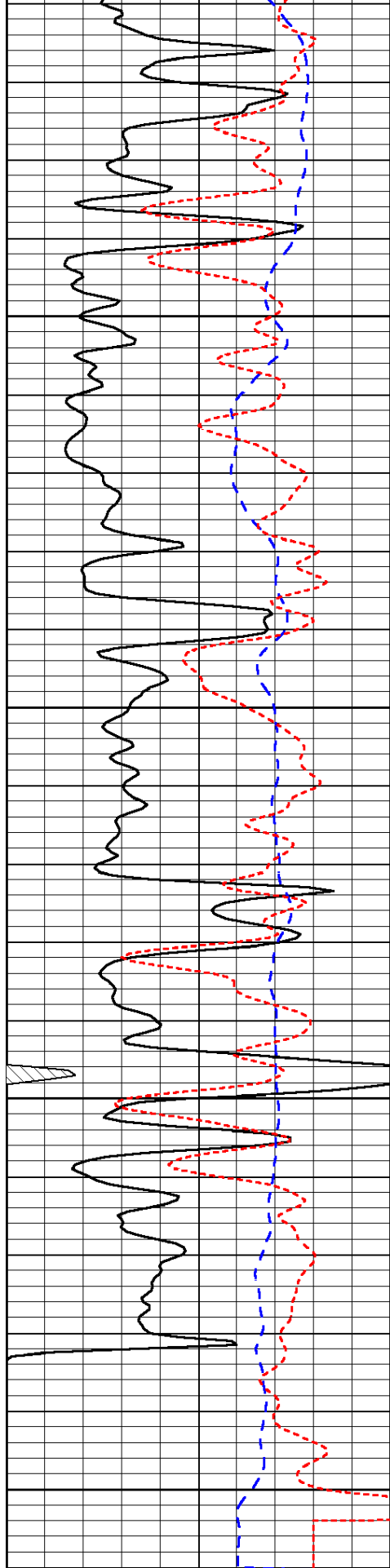
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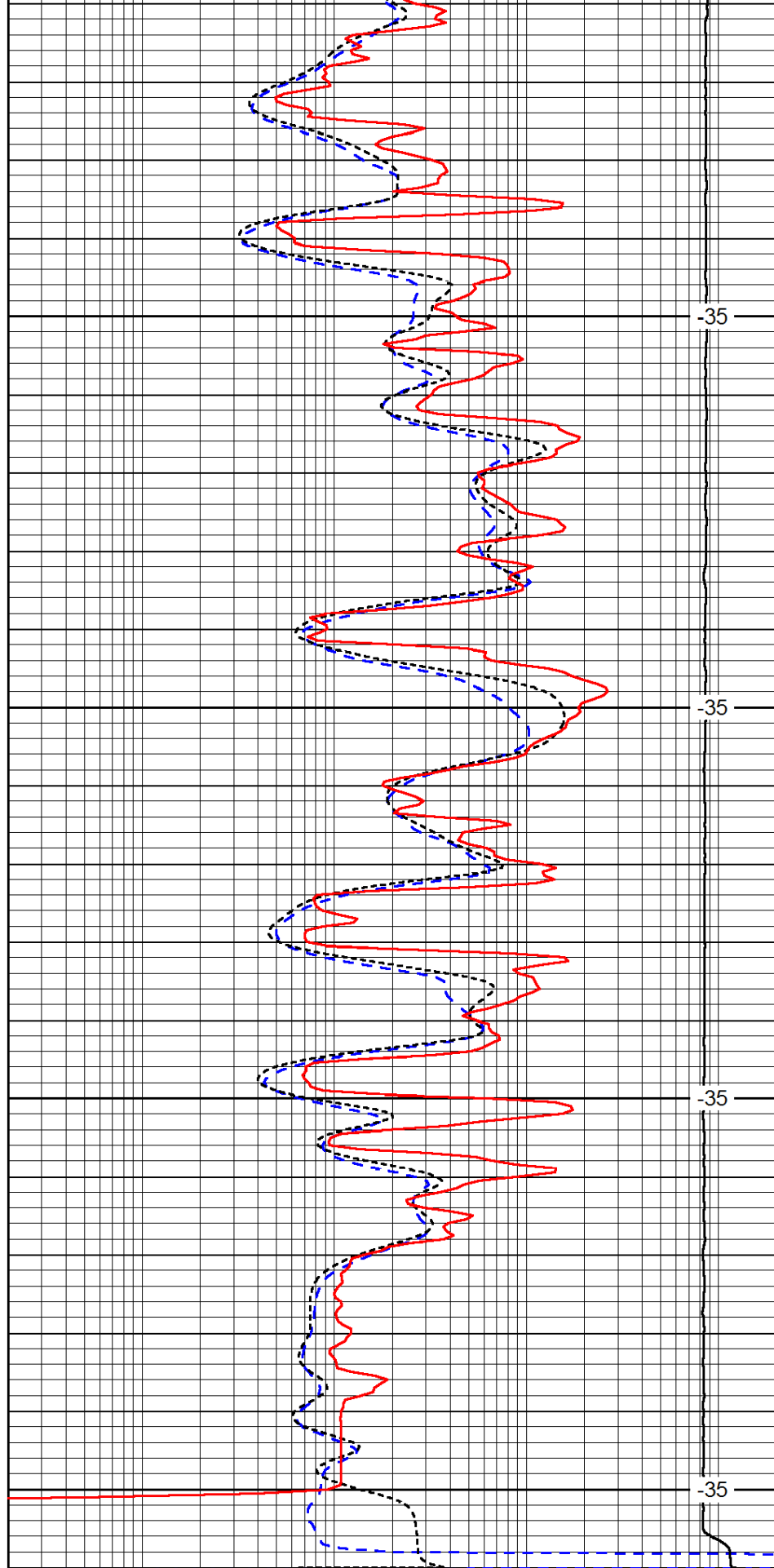
0	Gamma Ray	150
-200	SP (mV)	0
-160	RxoRt	40

3150

3200

3250

3300



-35

-35

-35

-35

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

