



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.		Company Hartman Oil Company, Inc.			
		Well Damme No 39			
		Field Damme			
		County Finney	State	Kansas	
15-055-22,067-00-00		Location NE NE NW 330' FNL & 2310' FWL		Other Services CNL/CDL MEL	
Permanent Datum		Ground Level	Elevation 2891	Elevation	
Log Measured From		Kelly Bushing	11 Ft. Above Perm. Datum	K.B. 2902	
Drilling Measured From		Kelly Bushing		D.F. 2891	
Date		04/23/2010		G.L. 2891	
Run Number		One			
Depth Driller		4870			
Depth Logger		4875			
Bottom Logged Interval		4874			
Top Log Interval		350			
Casing Driller		8.625 @ 356			
Casing Logger		352			
Bit Size		7.875			
Type Fluid in Hole		Chemical			
Salinity, ppm CL		3.200			
Density / Viscosity		9.2	50		
pH / Fluid Loss		9.5	7.8		
Source of Sample		Flowline			
Rm @ Meas. Temp		2.8 @ 68			
Rmf @ Meas. Temp		2.10 @ 68			
Rmc @ Meas. Temp		3.78 @ 68			
Source of Rmf / Rmc		Charts			
Rm @ BHT		1.50 @ 127			
Operating Rig Time		3 Hours			
Max Rec. Temp. F		127			
Equipment Number		17			
Location		Hays			
Recorded By		Mike Garrison			
Witnessed By		Wes Hansen			

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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.

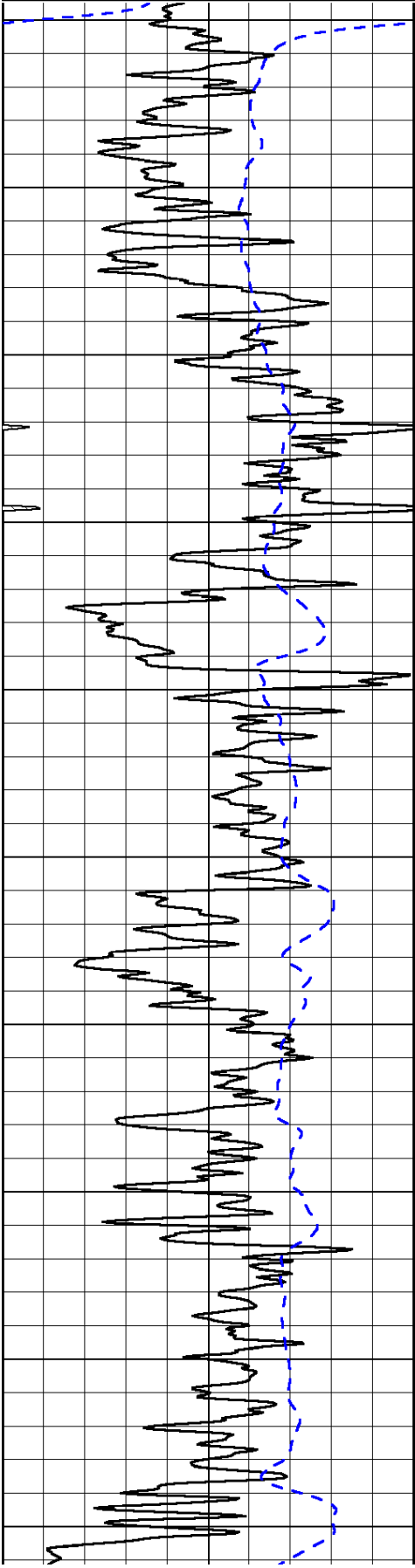
Comments

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

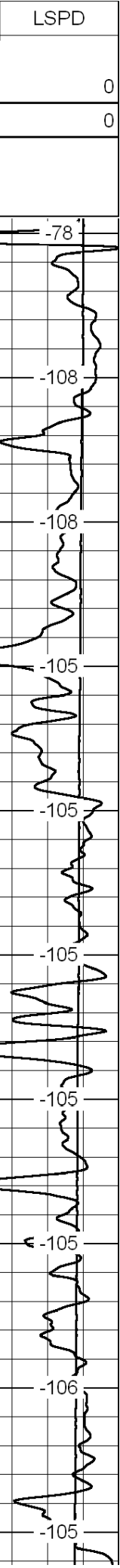
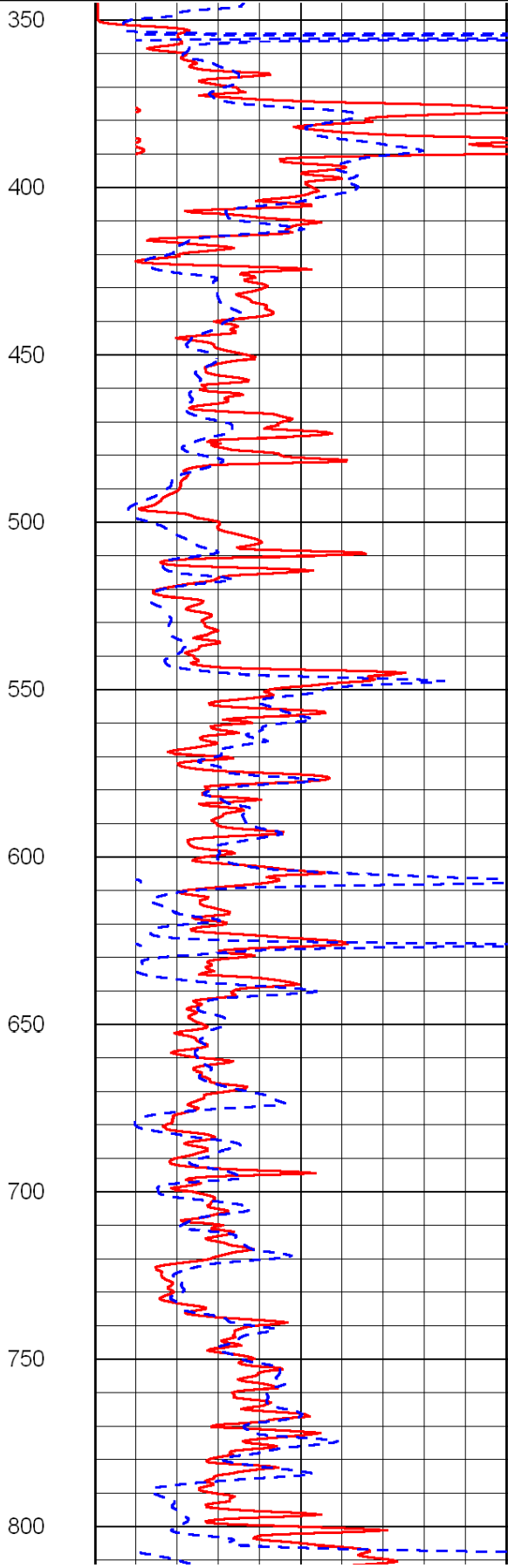
Scott City, South to 9 Mile Blacktop, 2 West, 1 North, 1 1/2 West, South Into

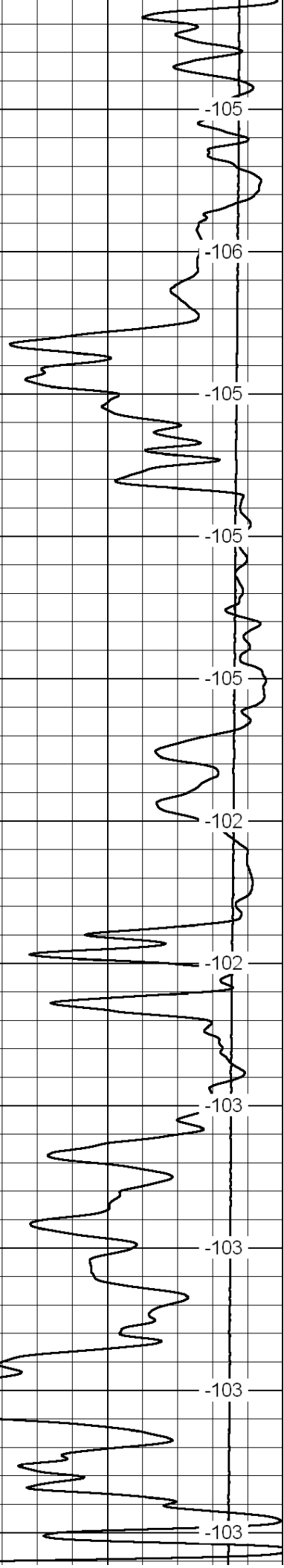
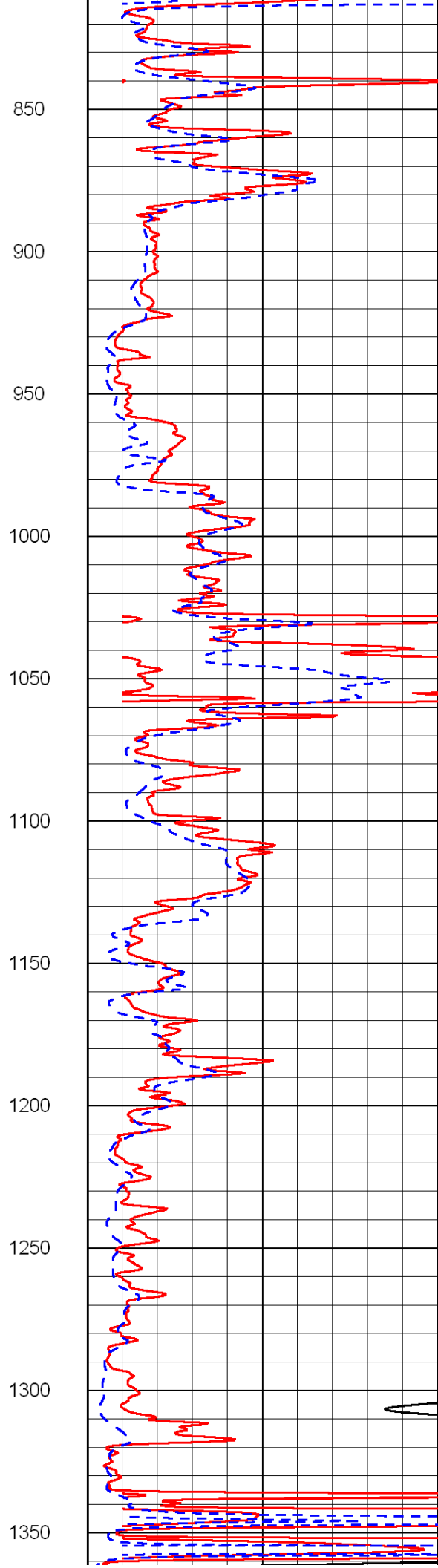
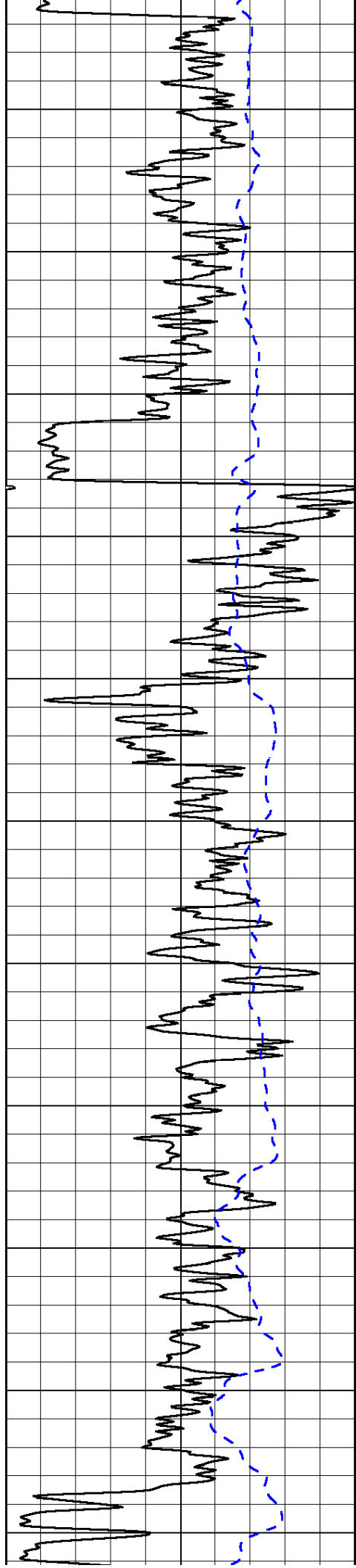
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Presentation Format: dil2in
Dataset Creation: Fri Apr 23 09:01:10 2010
Charted by: Depth in Feet scaled 1:600

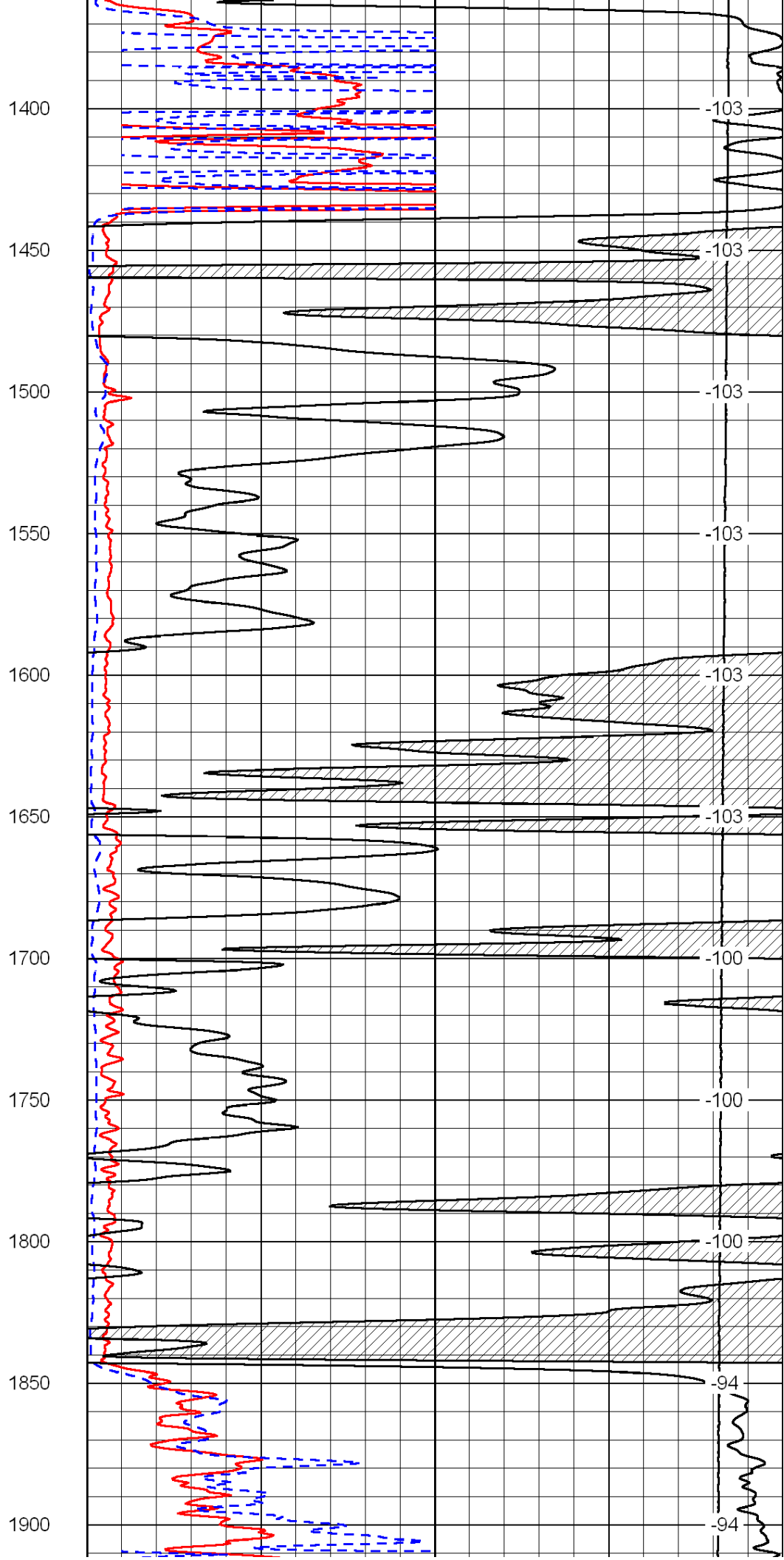
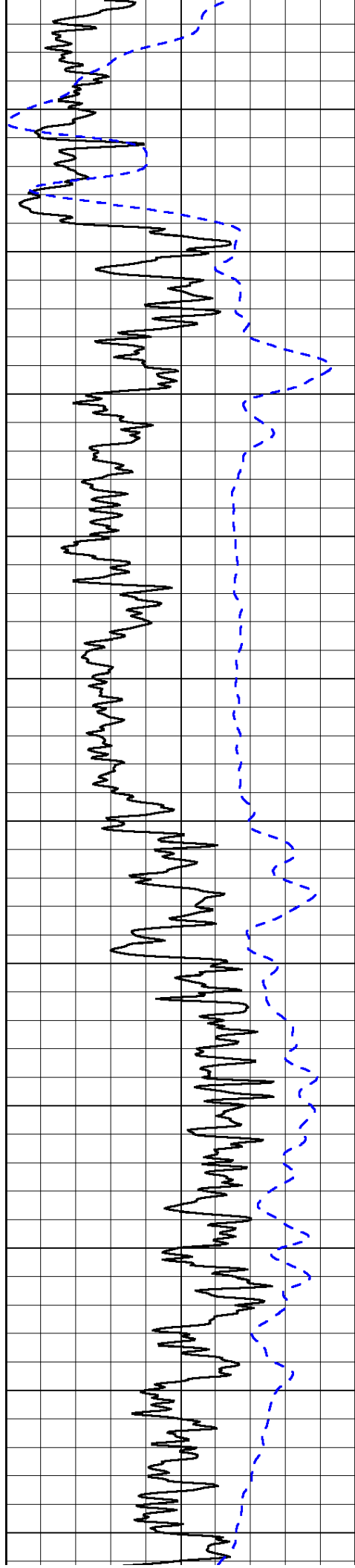
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-200	SP (mV)	0

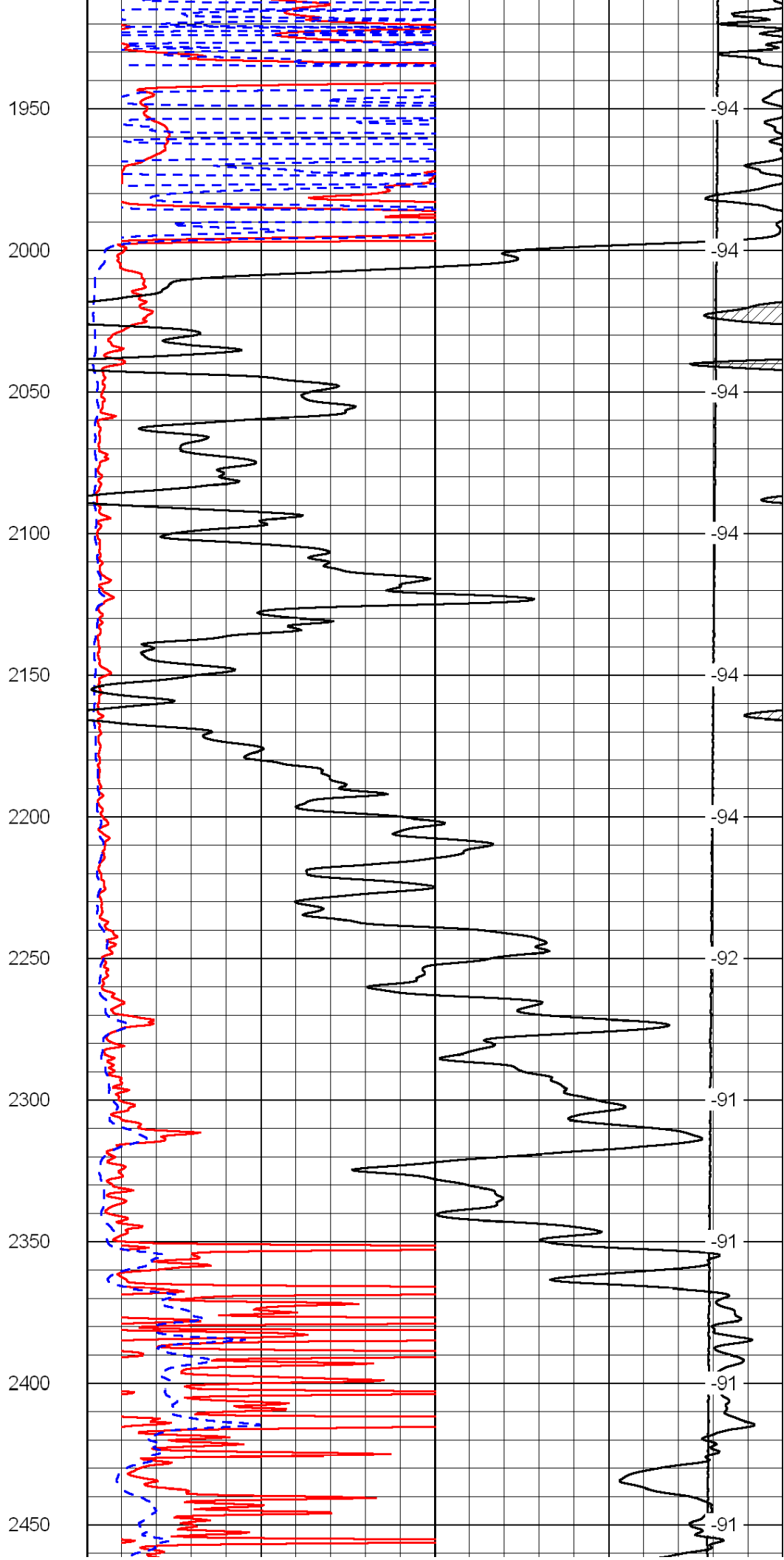
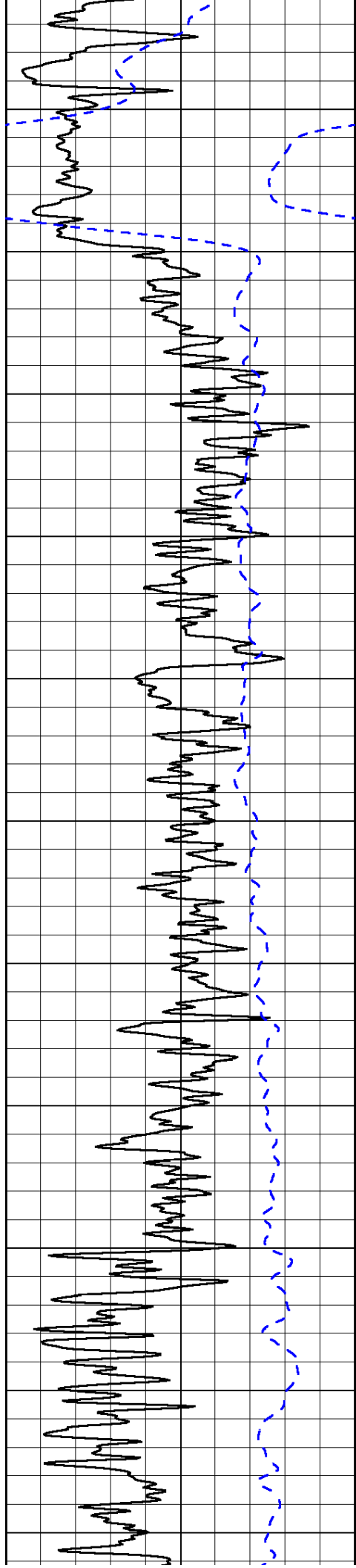


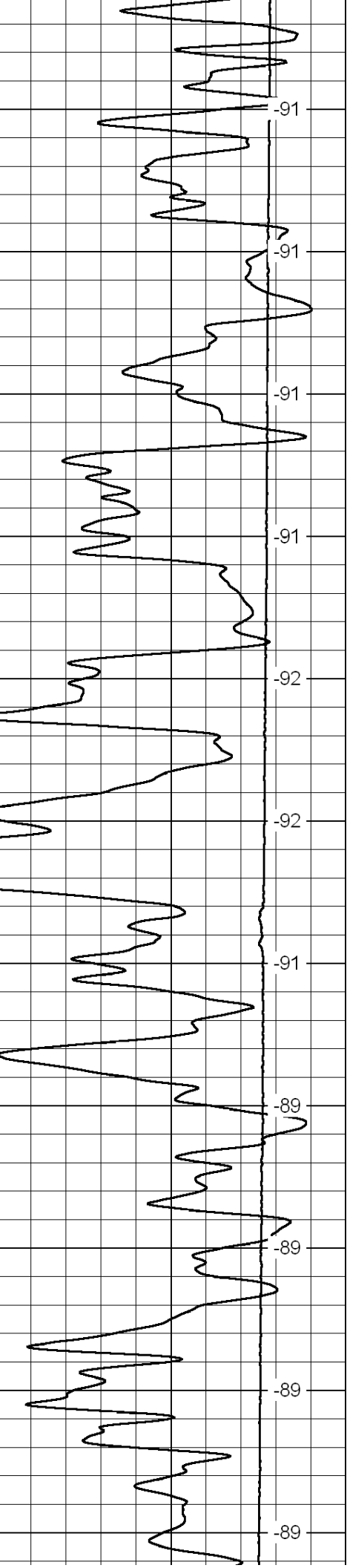
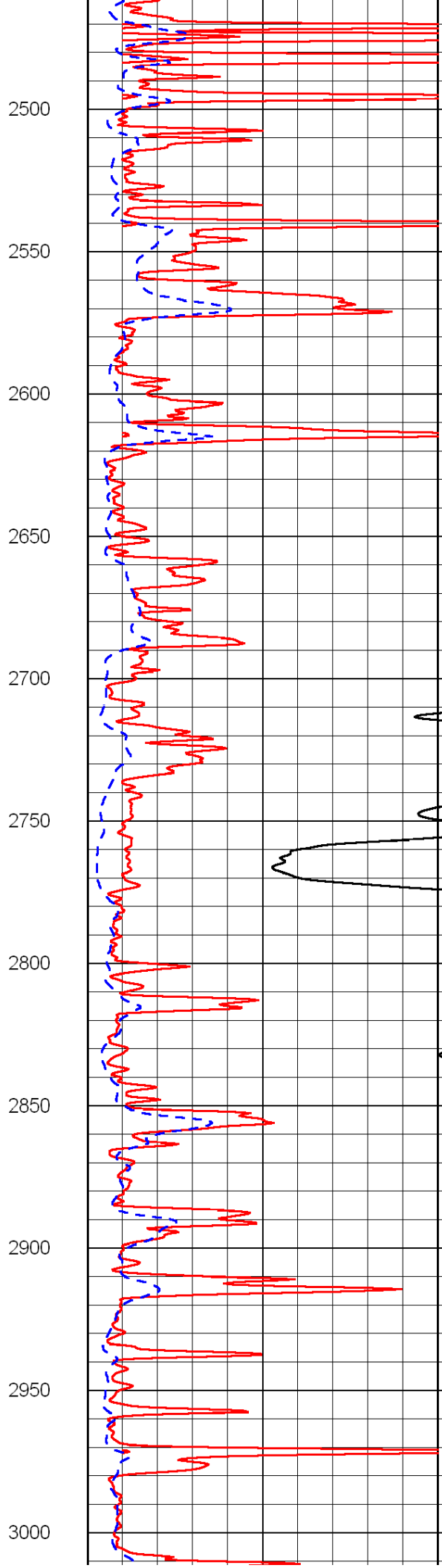
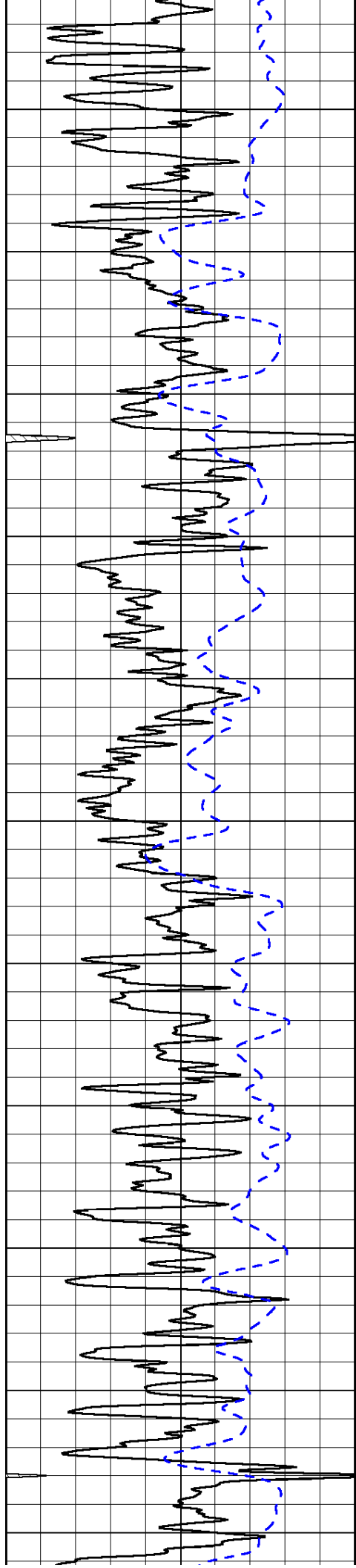
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0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0
50	Shallow Resistivity	500
50	Deep Resistivity	500

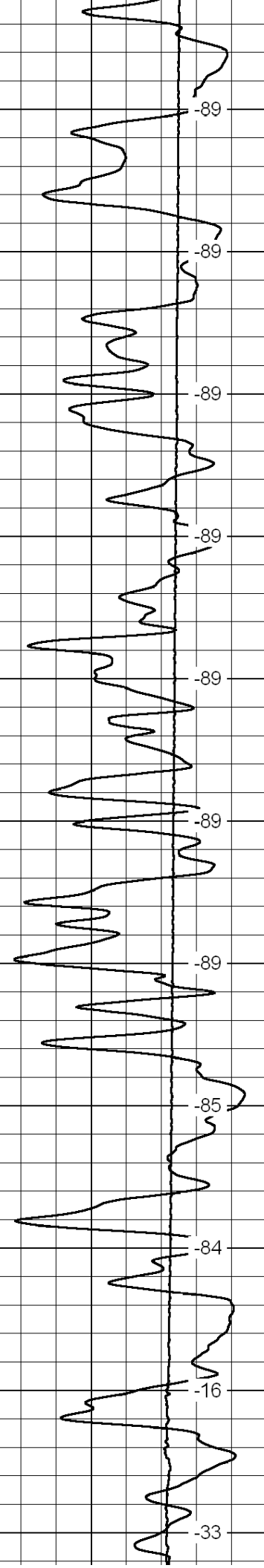
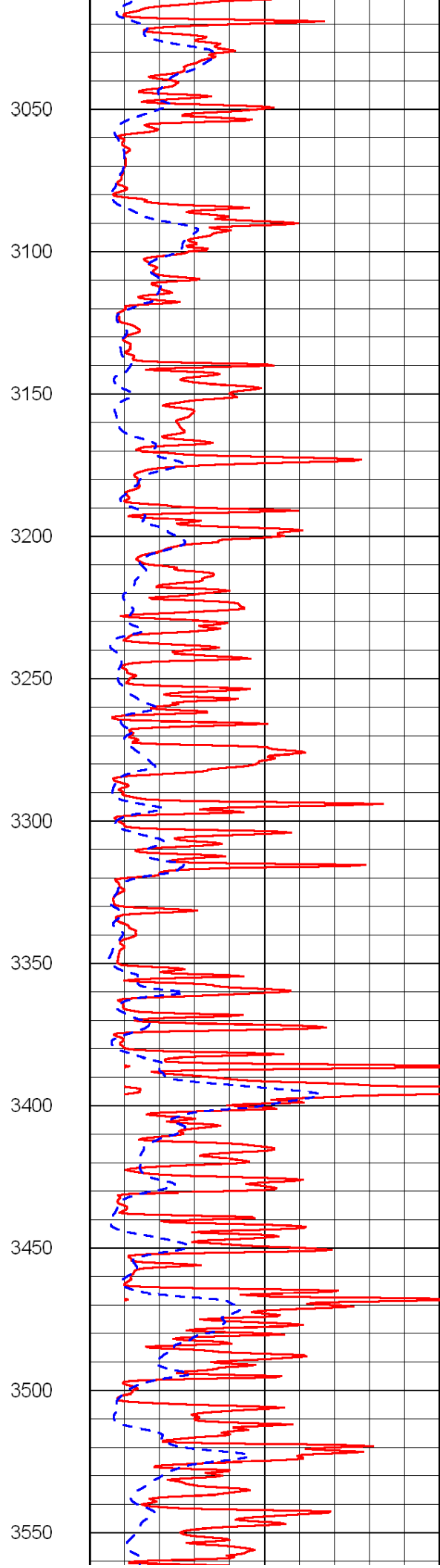
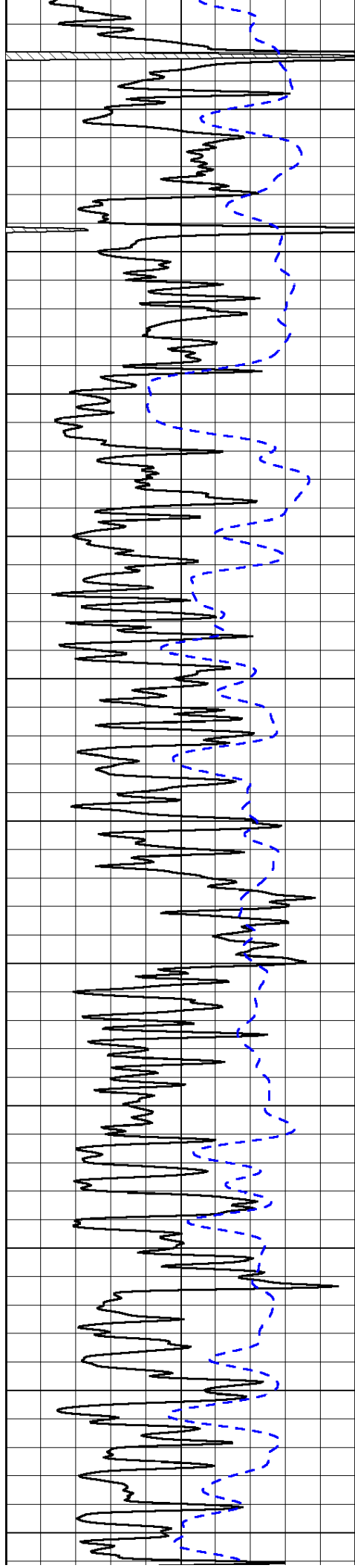


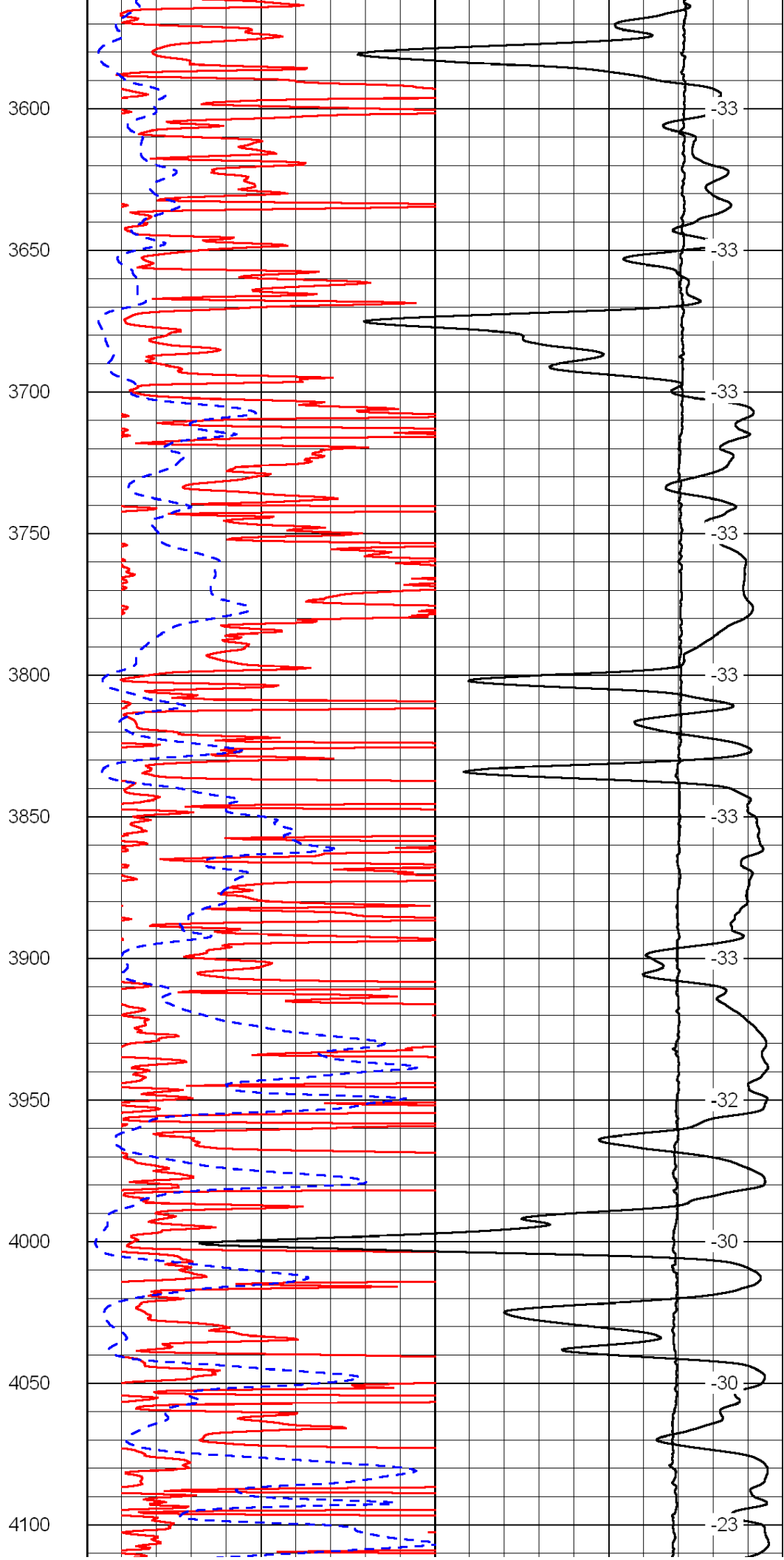
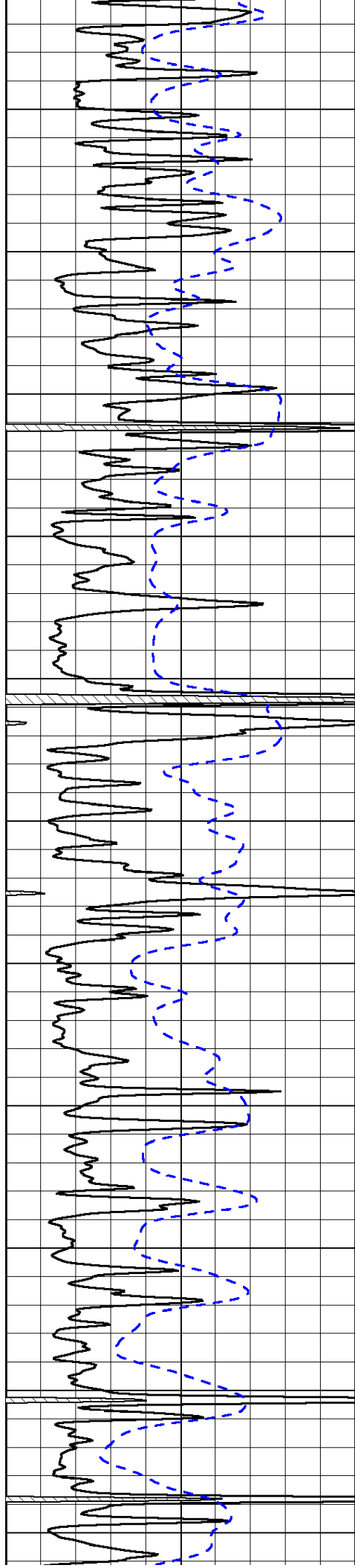


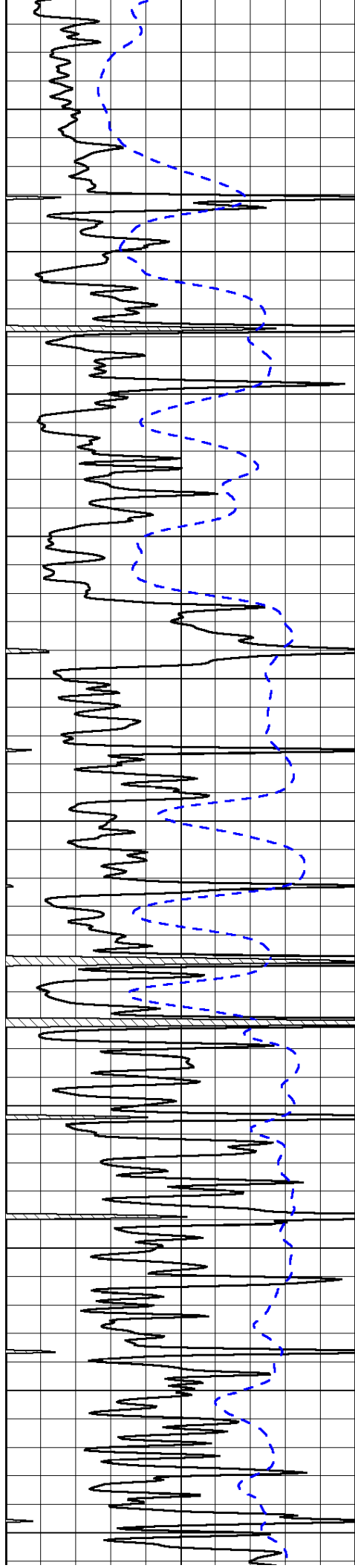












4150

4200

4250

4300

4350

4400

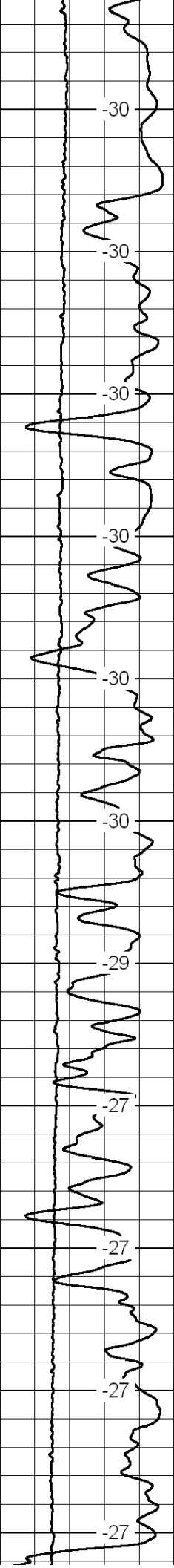
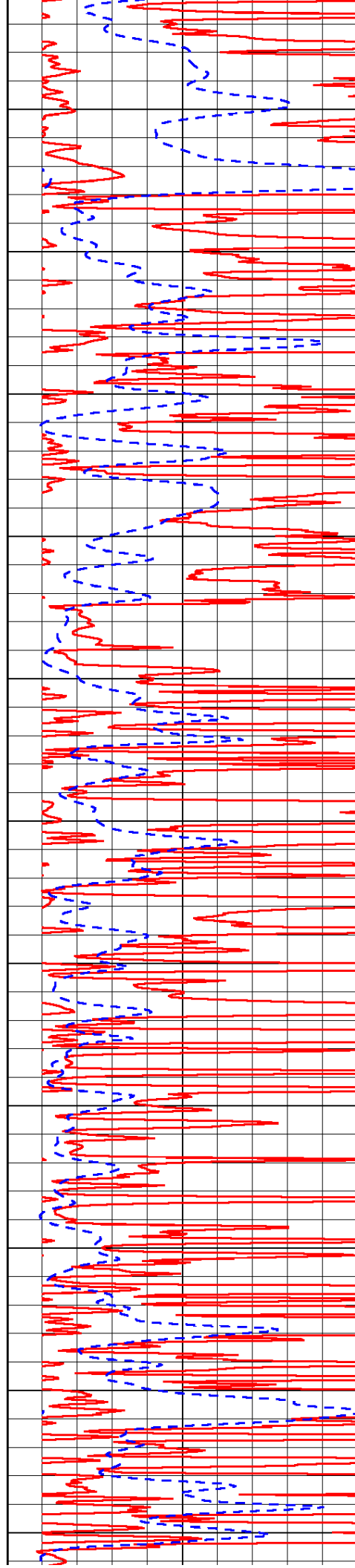
4450

4500

4550

4600

4650



-30

-30

-30

-30

-30

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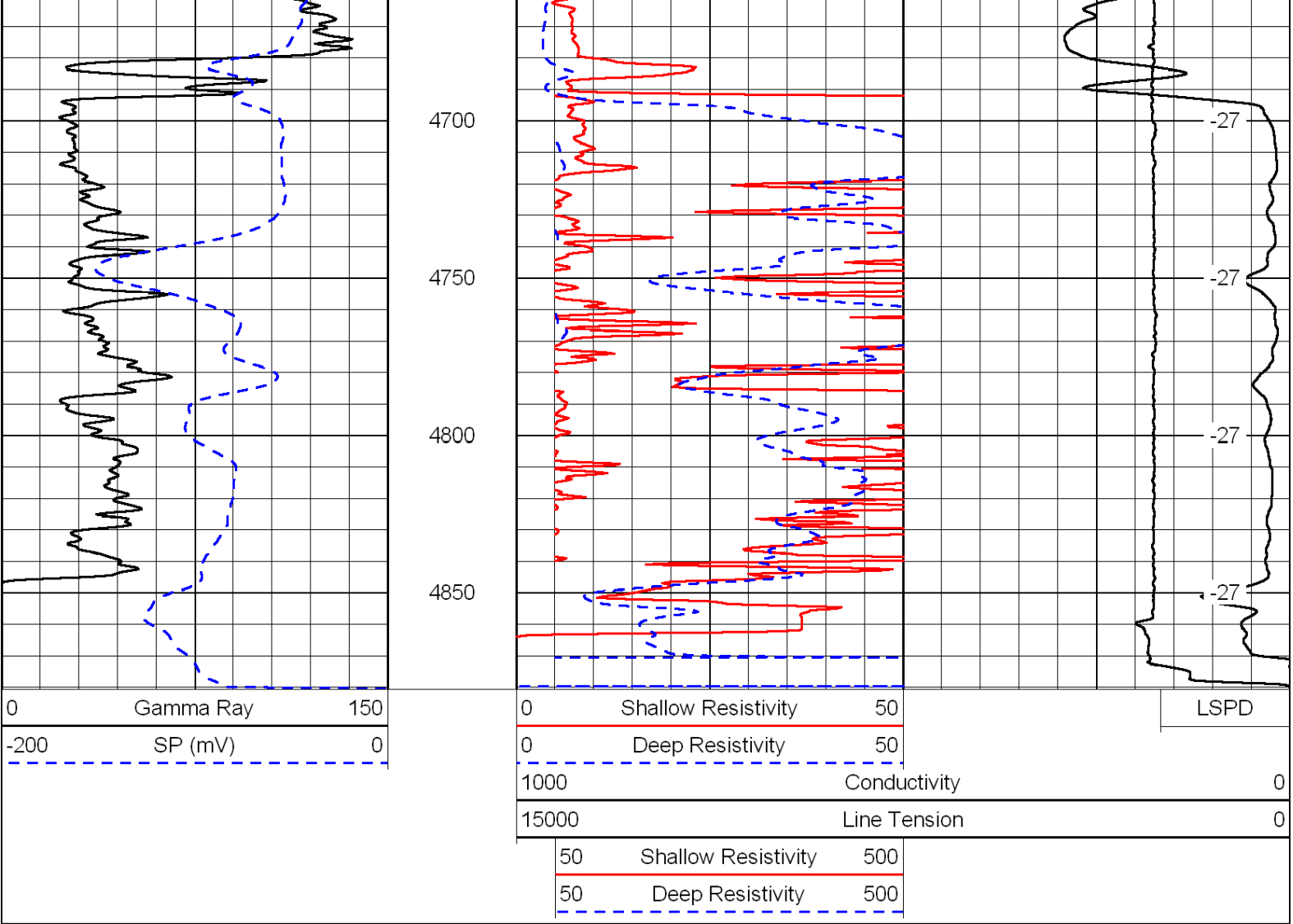
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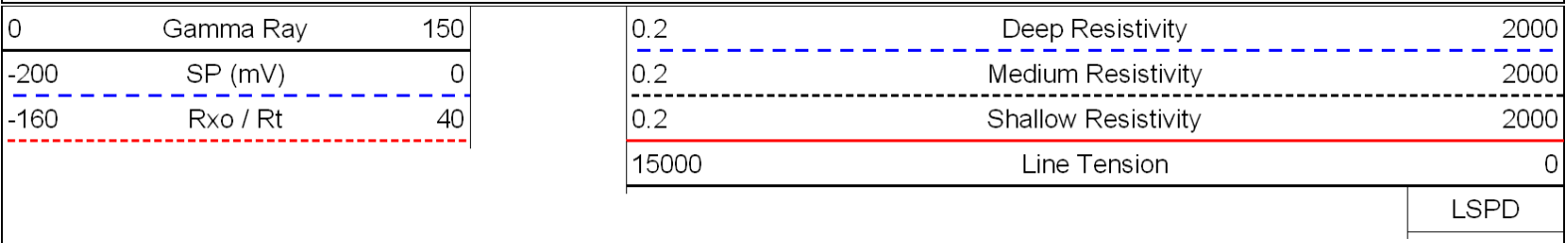
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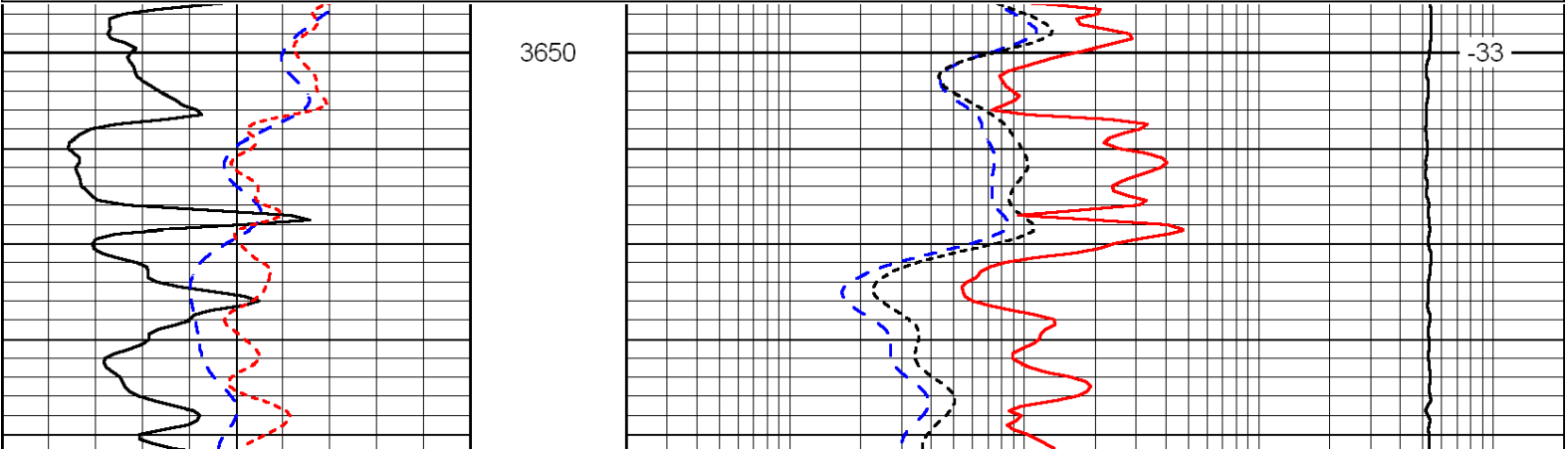
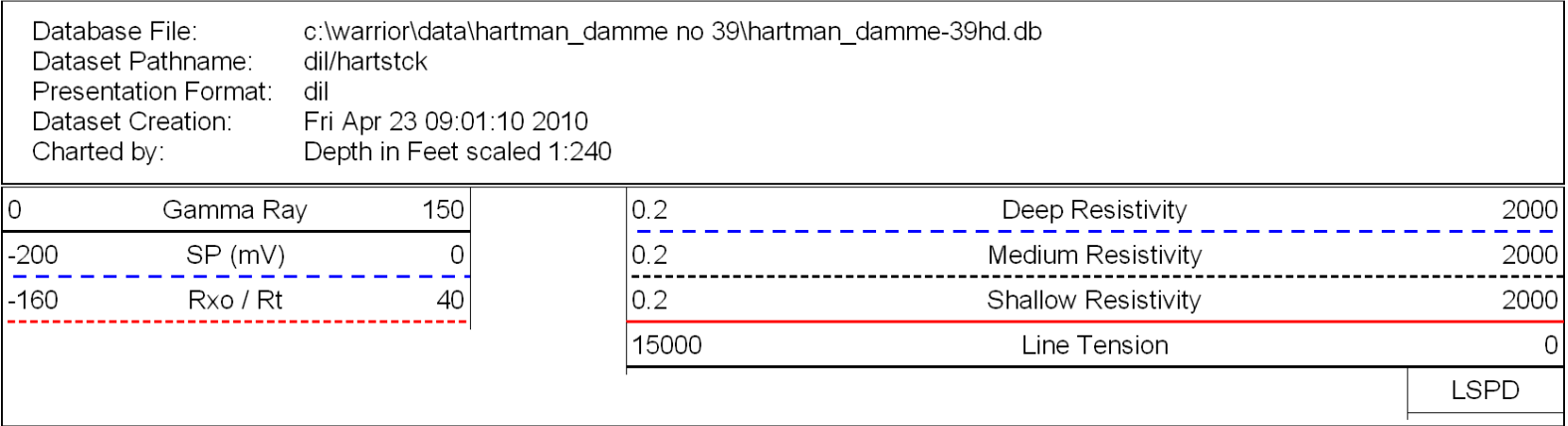
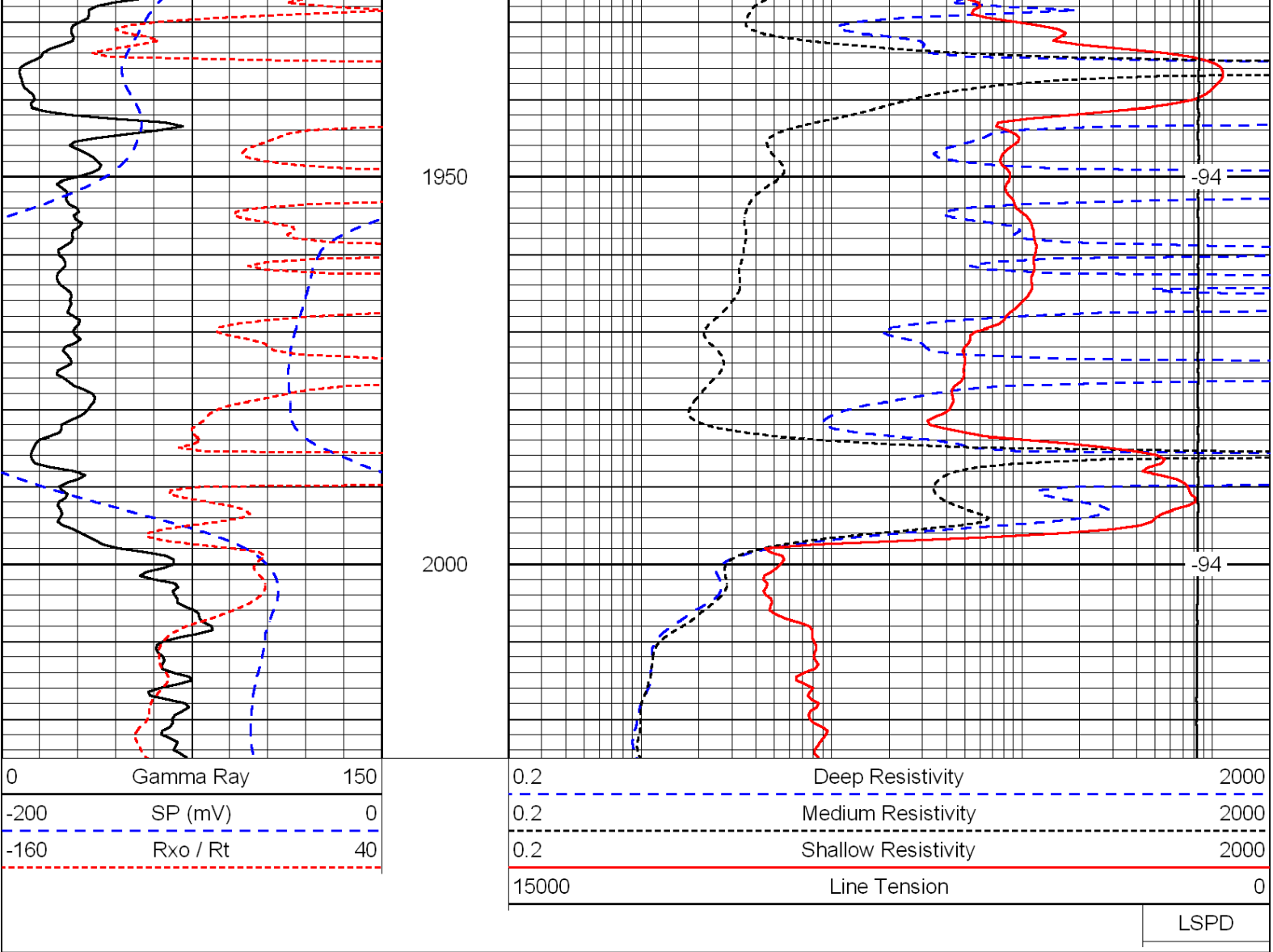
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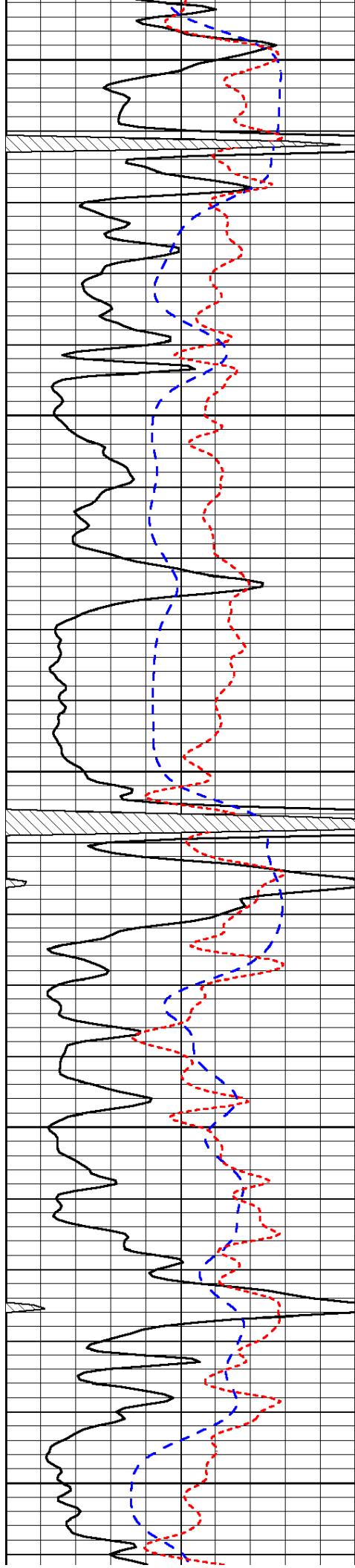
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Database File: c:\warrior\data\hartman_damme no 39\hartman_damme-39hd.db
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Dataset Creation: Fri Apr 23 09:01:10 2010
Charted by: Depth in Feet scaled 1:240







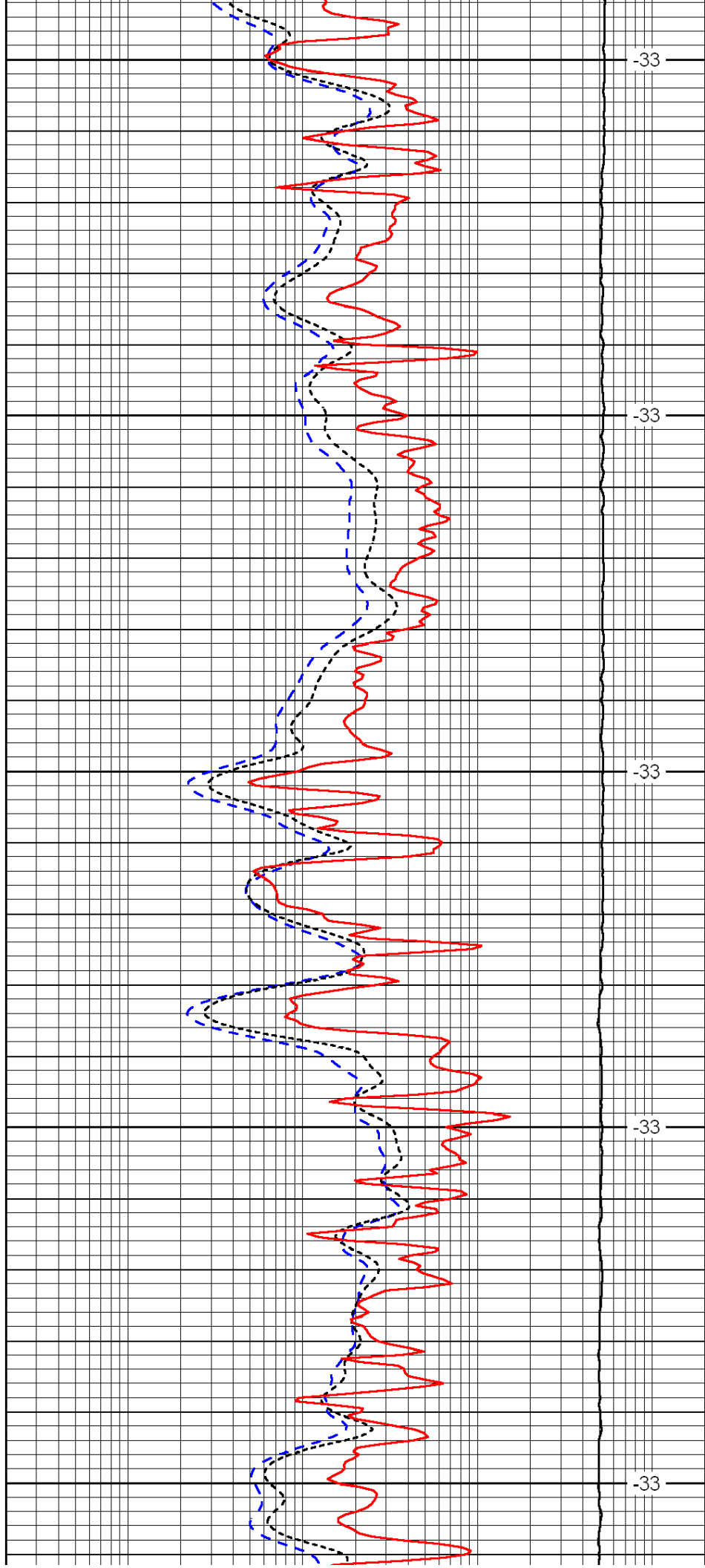
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3750

3800

3850

3900



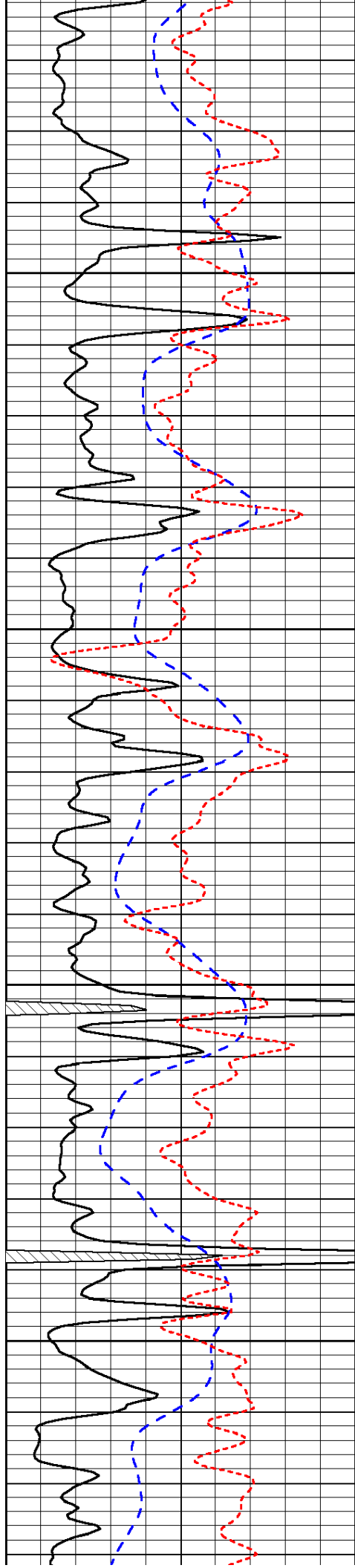
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-33

-33

-33

-33

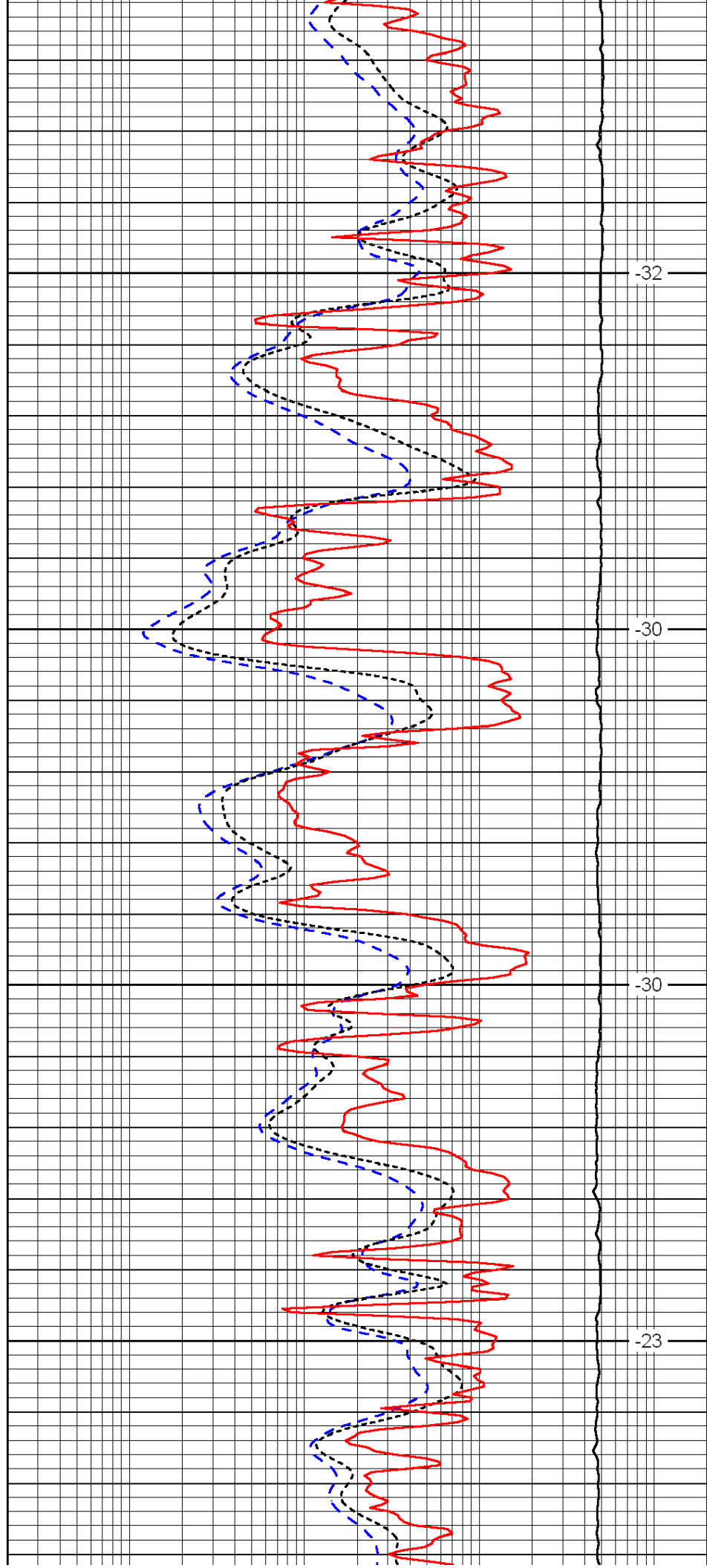


3950

4000

4050

4100

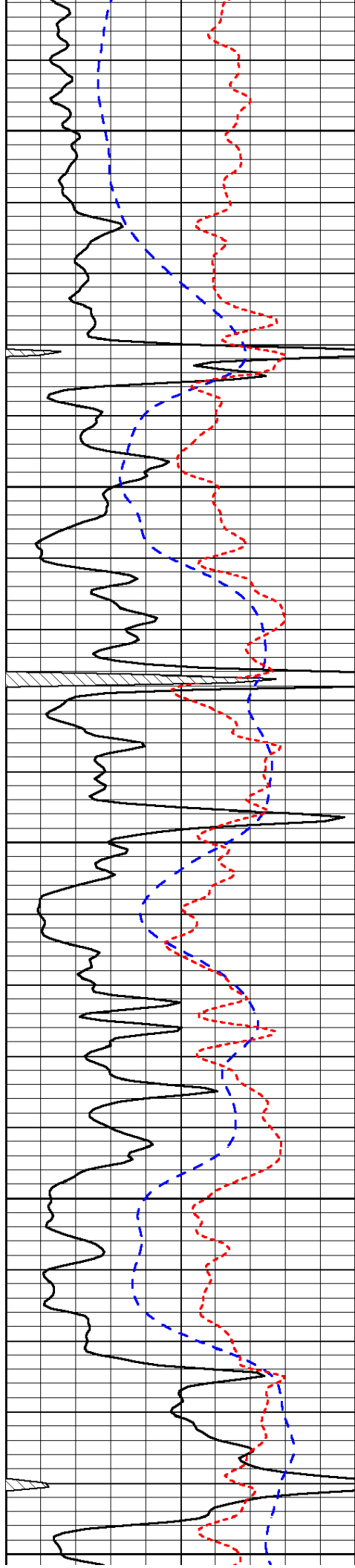


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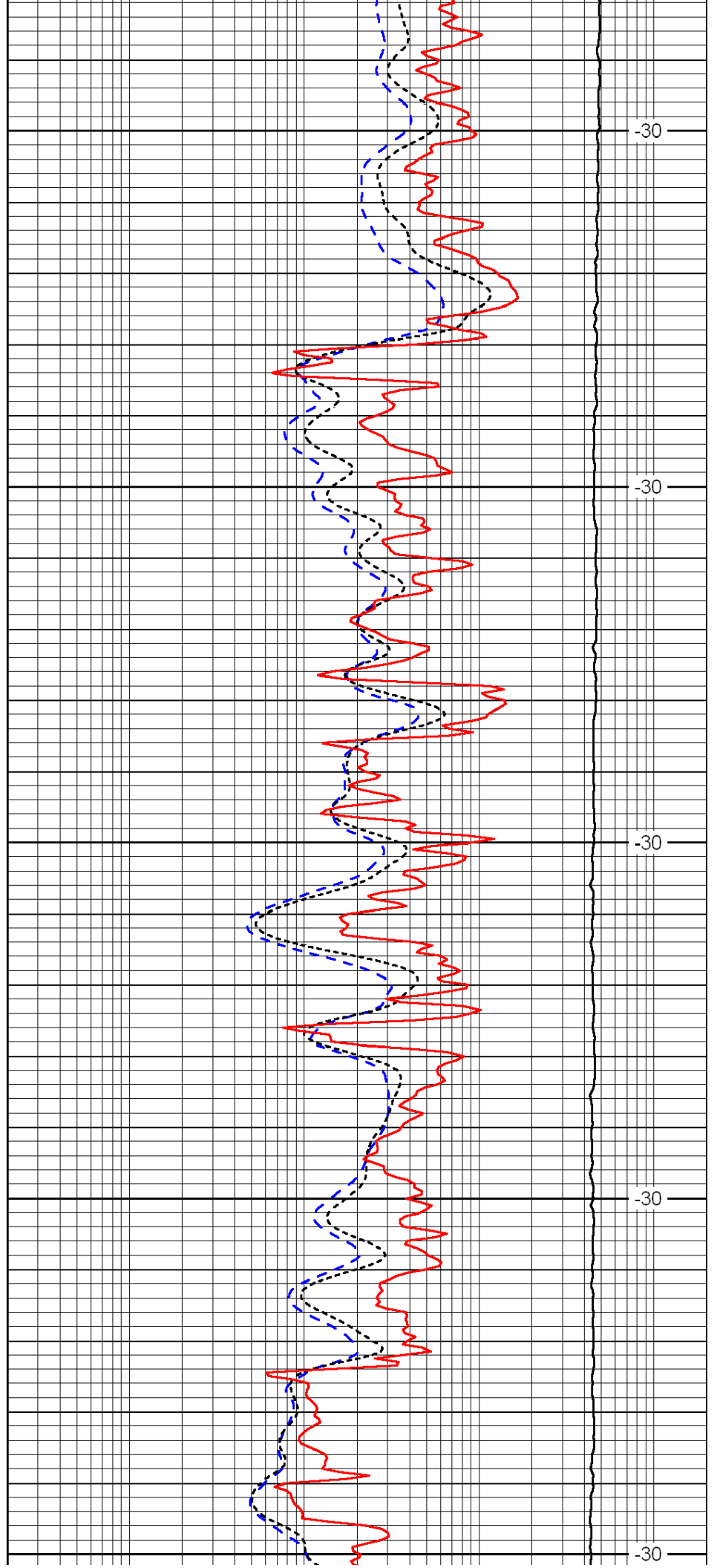
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4200

4250

4300

4350



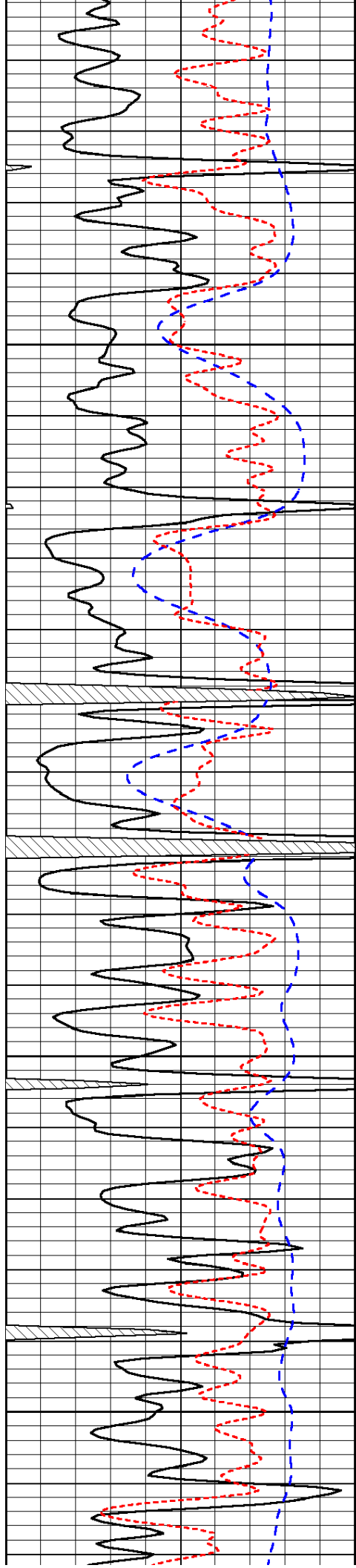
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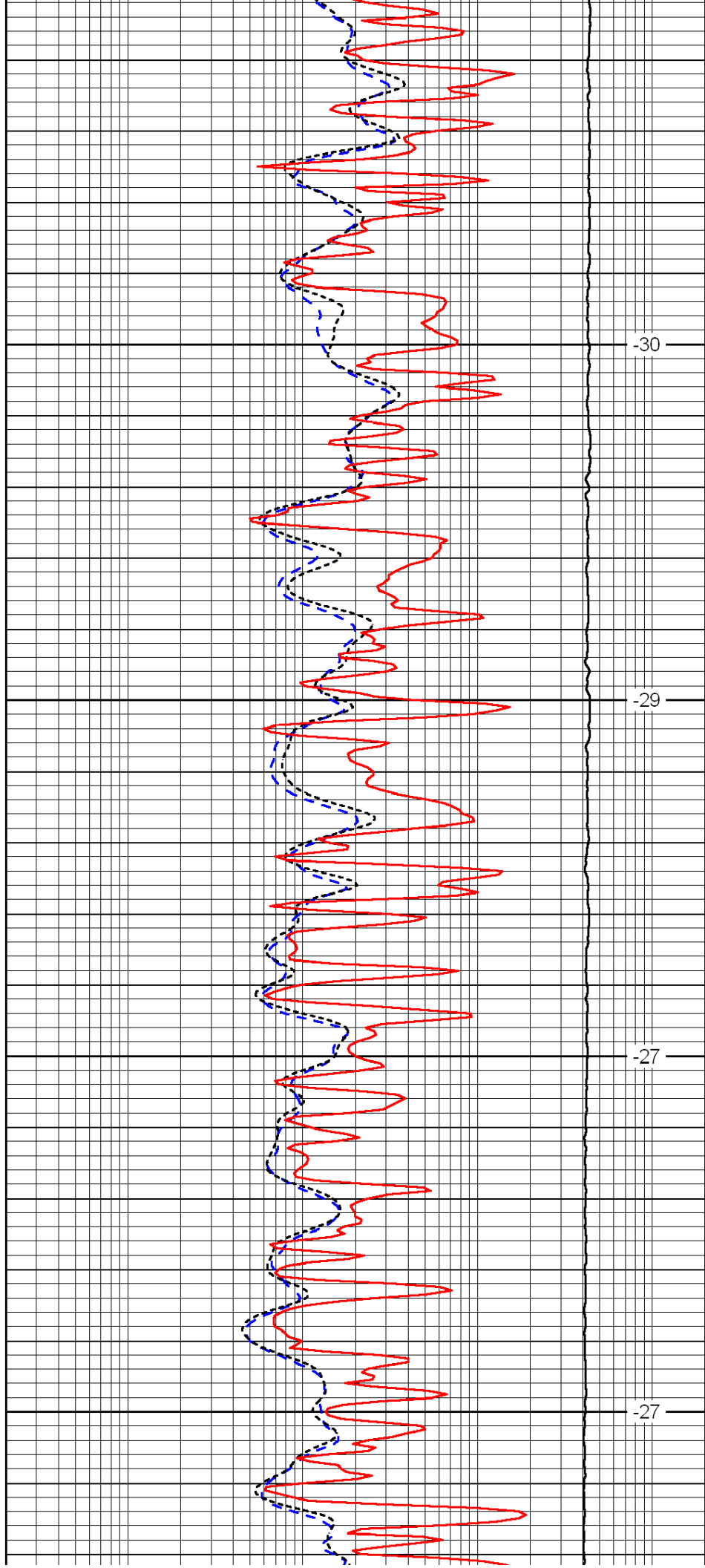


4400

4450

4500

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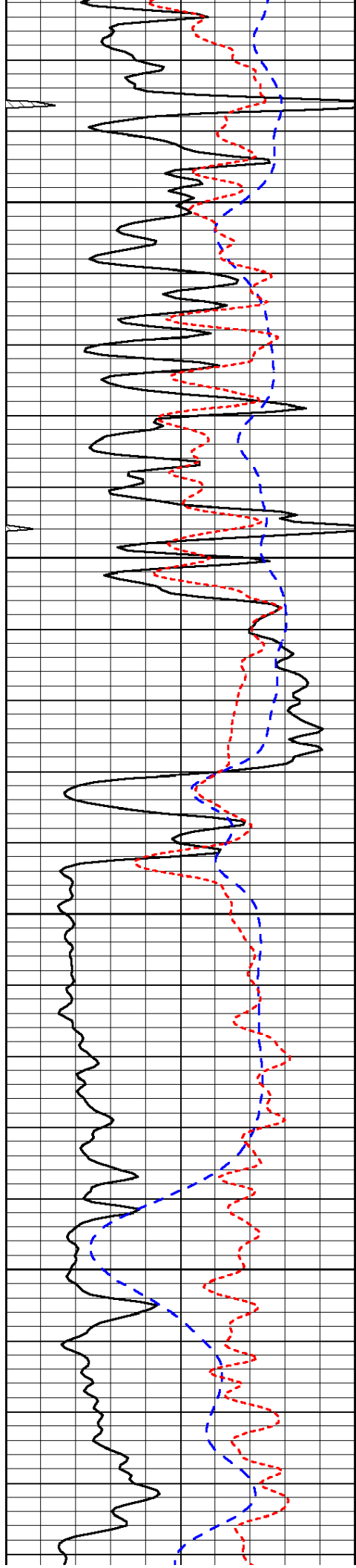


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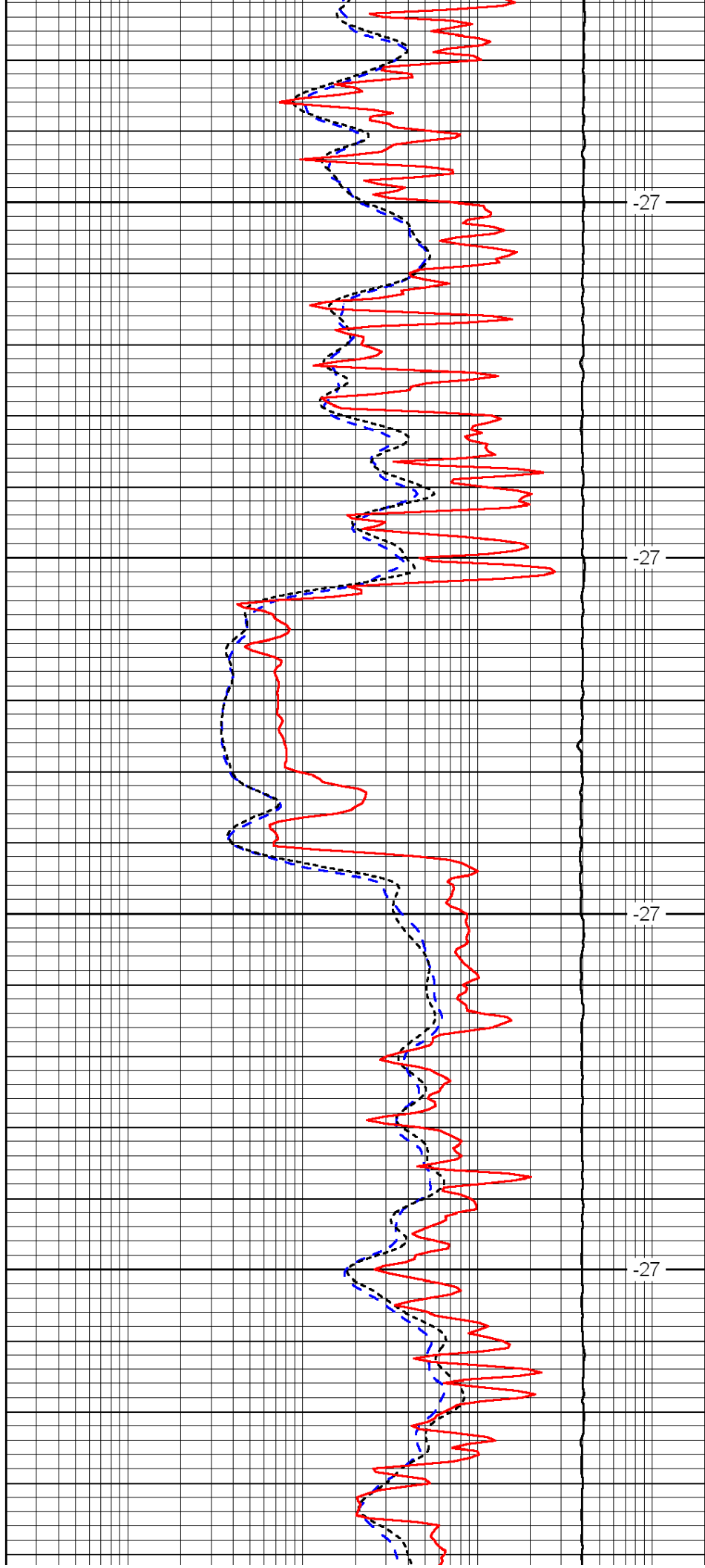


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4650

4700

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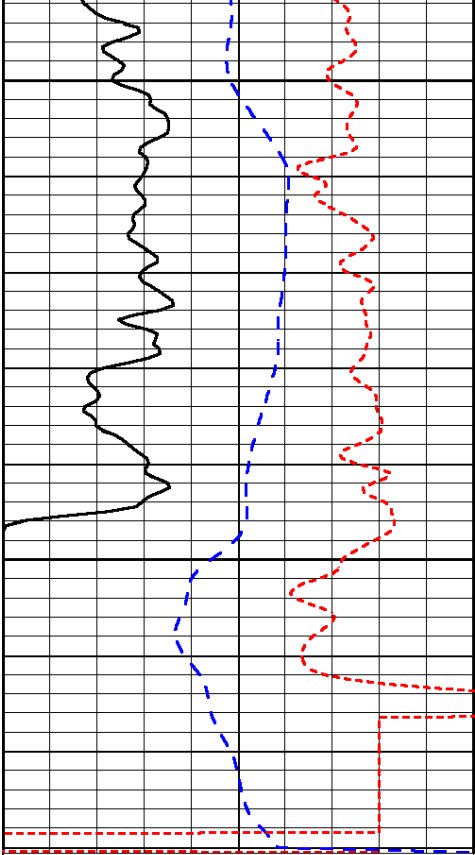


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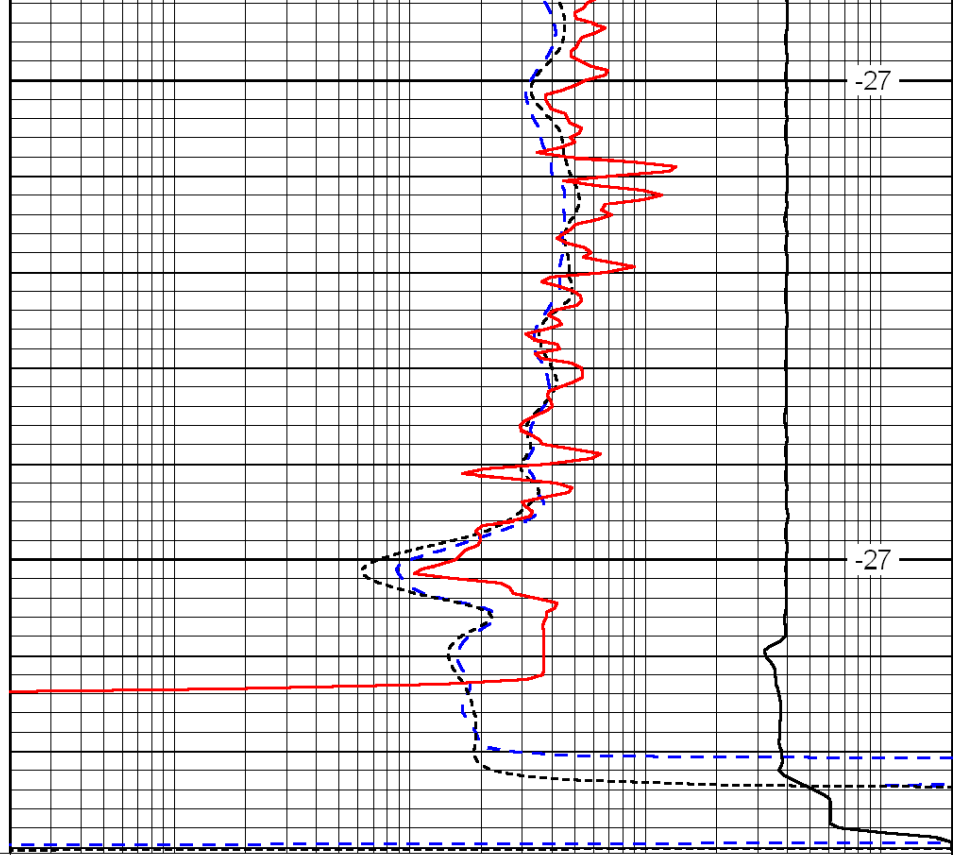
-27



0	Gamma Ray	150
-200	SP (mV)	0
-160	Rxo / Rt	40

4800

4850



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

-27

-27

LSPD