



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.		Company Barline Oil, LLC.	
15-141-20.452-00-00		Well Brant #1-31	
		Field Wildcat	
		County Osborne State Kansas	
Location		1650' FSL & 2025' FEL	
Sec: 31 Twp: 8 S Rge: 12 W		Other Services CNL/CDL MEL	
Permanent Datum Ground Level		Elevation 1745	
Log Measured From Kelly Bushing		8 Ft. Above Perm. Datum	
Drilling Measured From Kelly Bushing		K.B. 1753 D.F. 1745 G.L. 1745	
Date	7/14/2012		
Run Number	One		
Depth Driller	4010		
Depth Logger	4007		
Bottom Logged Interval	4006		
Top Log Interval	200		
Casing Driller	8.625 @ 221		
Casing Logger	220		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	3,000		
Density / Viscosity	9.4 50		
pH / Fluid Loss	9.6		
Source of Sample	Flowline		
Rm @ Meas. Temp	.72 @ 80		
Rmf @ Meas. Temp	.54 @ 80		
Rmc @ Meas. Temp	.92 @ 80		
Source of Rmf / Rmc	Charts		
Rm @ BHT	.49 @ 118		
Operating Rig Time	4 Hours		
Max Rec. Temp. F	118		
Equipment Number	91		
Location	Hays		
Recorded By	K. Bange		
Witnessed By	Bill Ree		

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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.

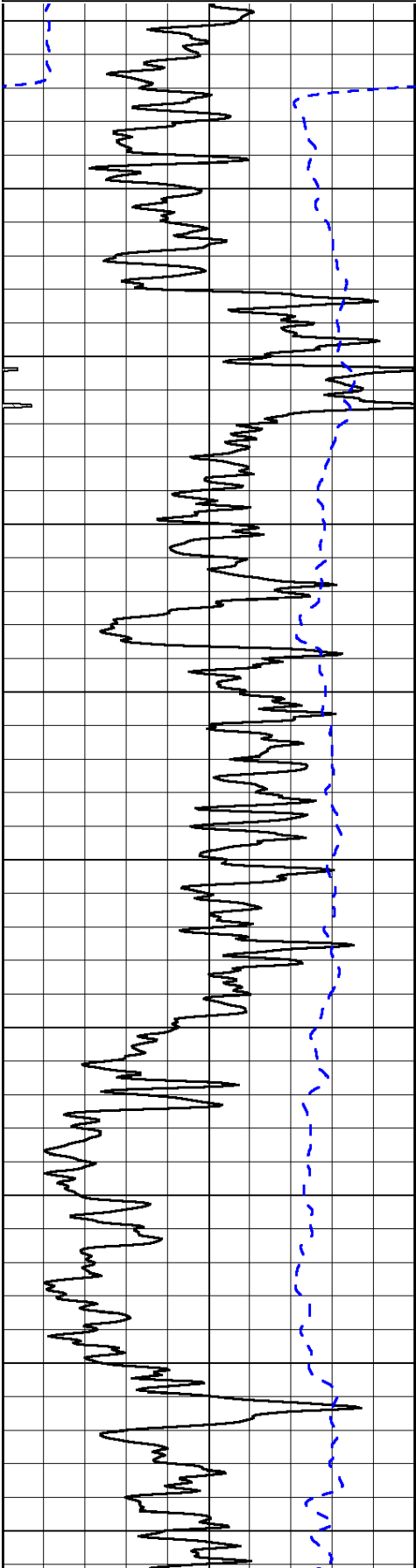
Comments

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

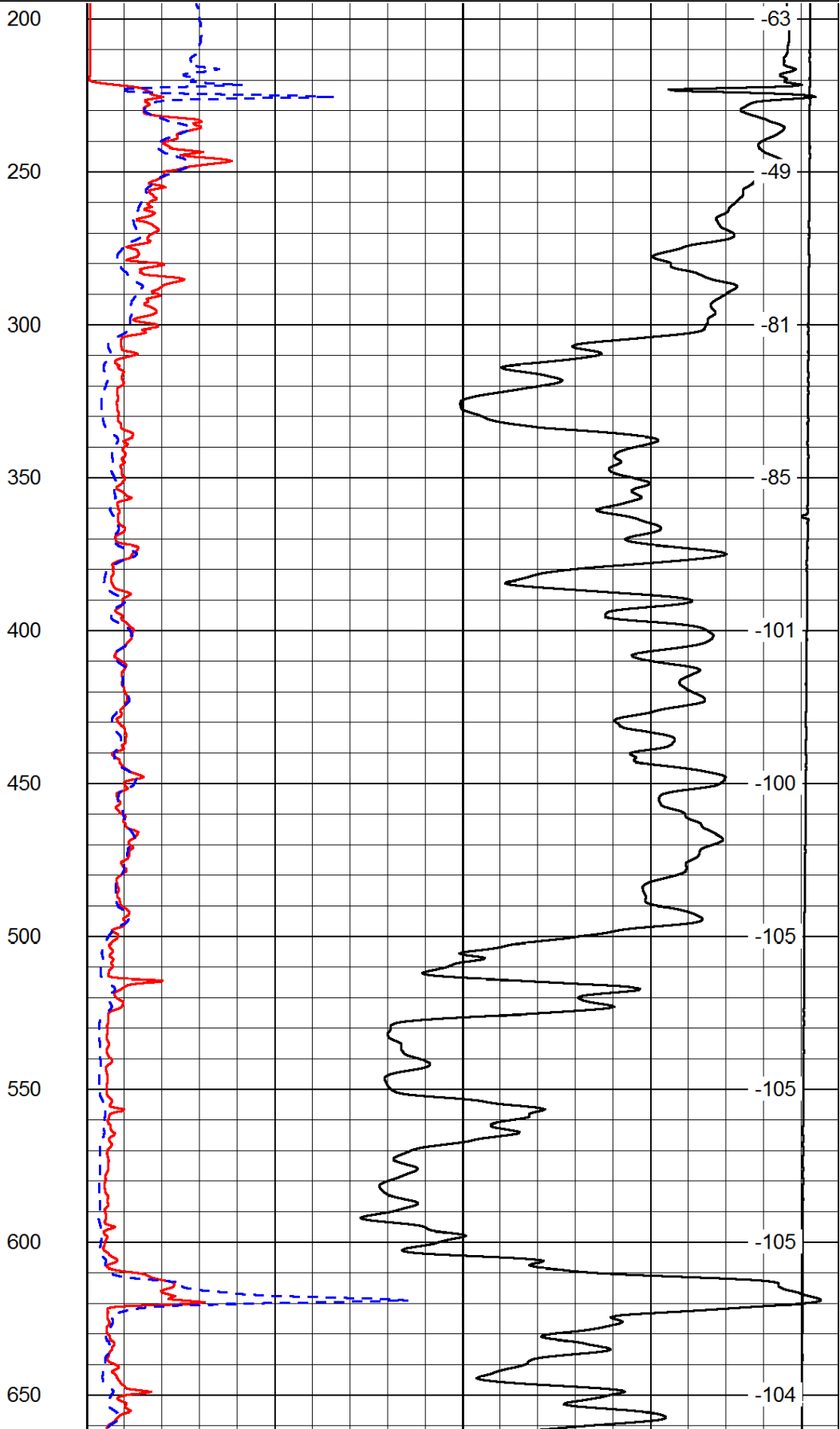
Luray, 13 1/2 N,
1/2 W into (thru pasture gate)

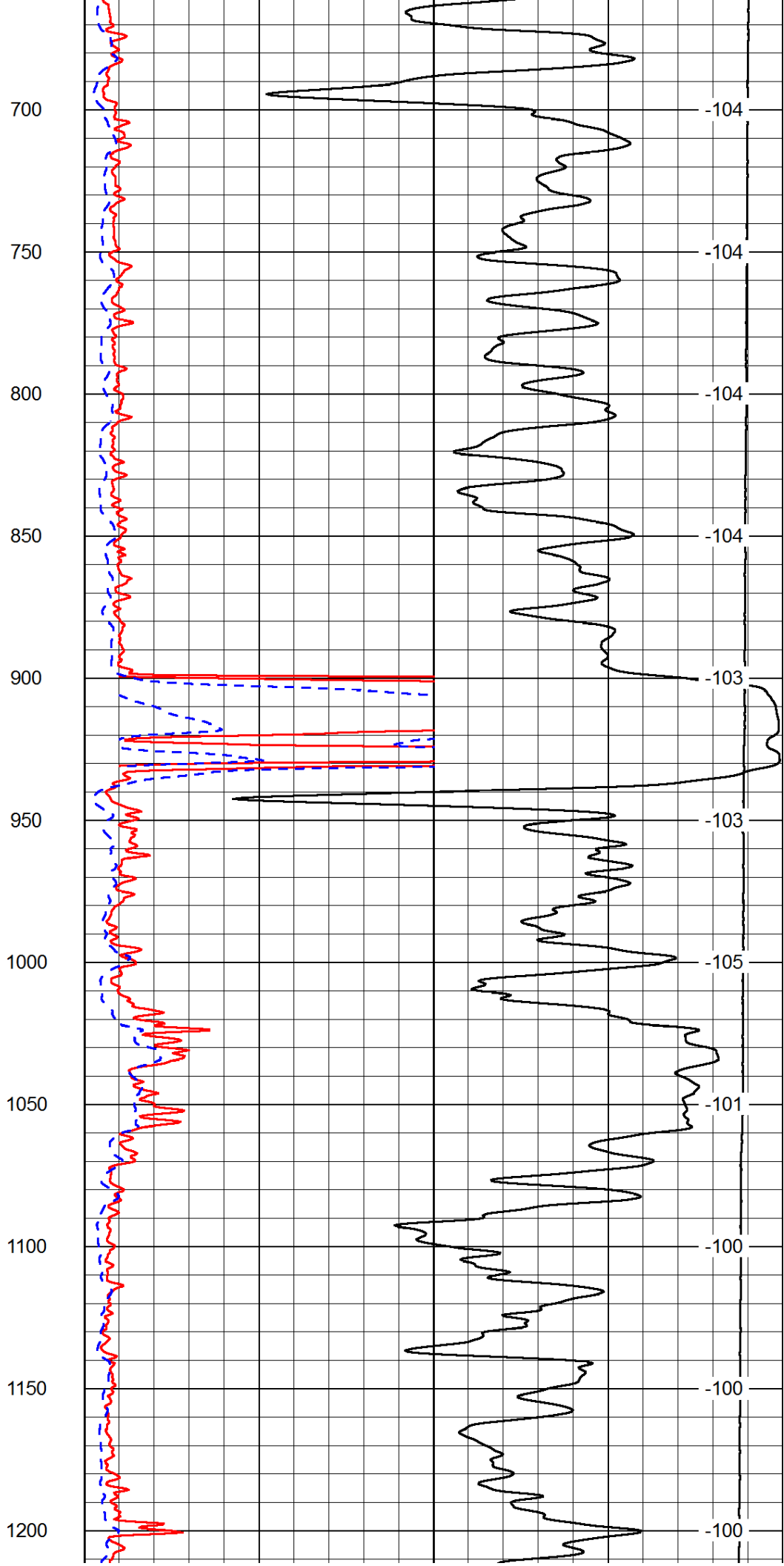
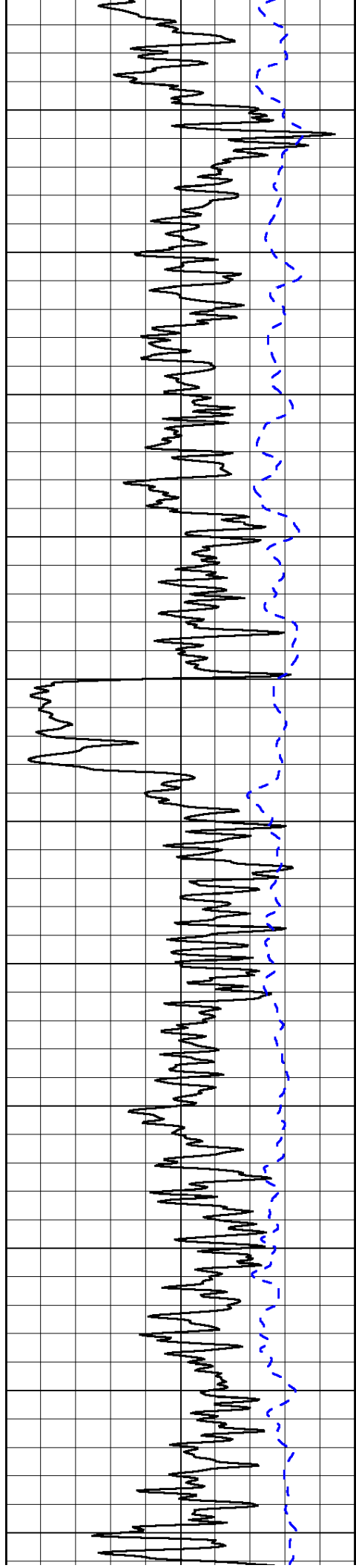
Database File: c:\warrior\data\barline_brant #1-31\barline071412hd.db
Dataset Pathname: dil\barstack
Presentation Format: dil2in
Dataset Creation: Sat Jul 14 13:58:10 2012
Charted by: Depth in Feet scaled 1:600

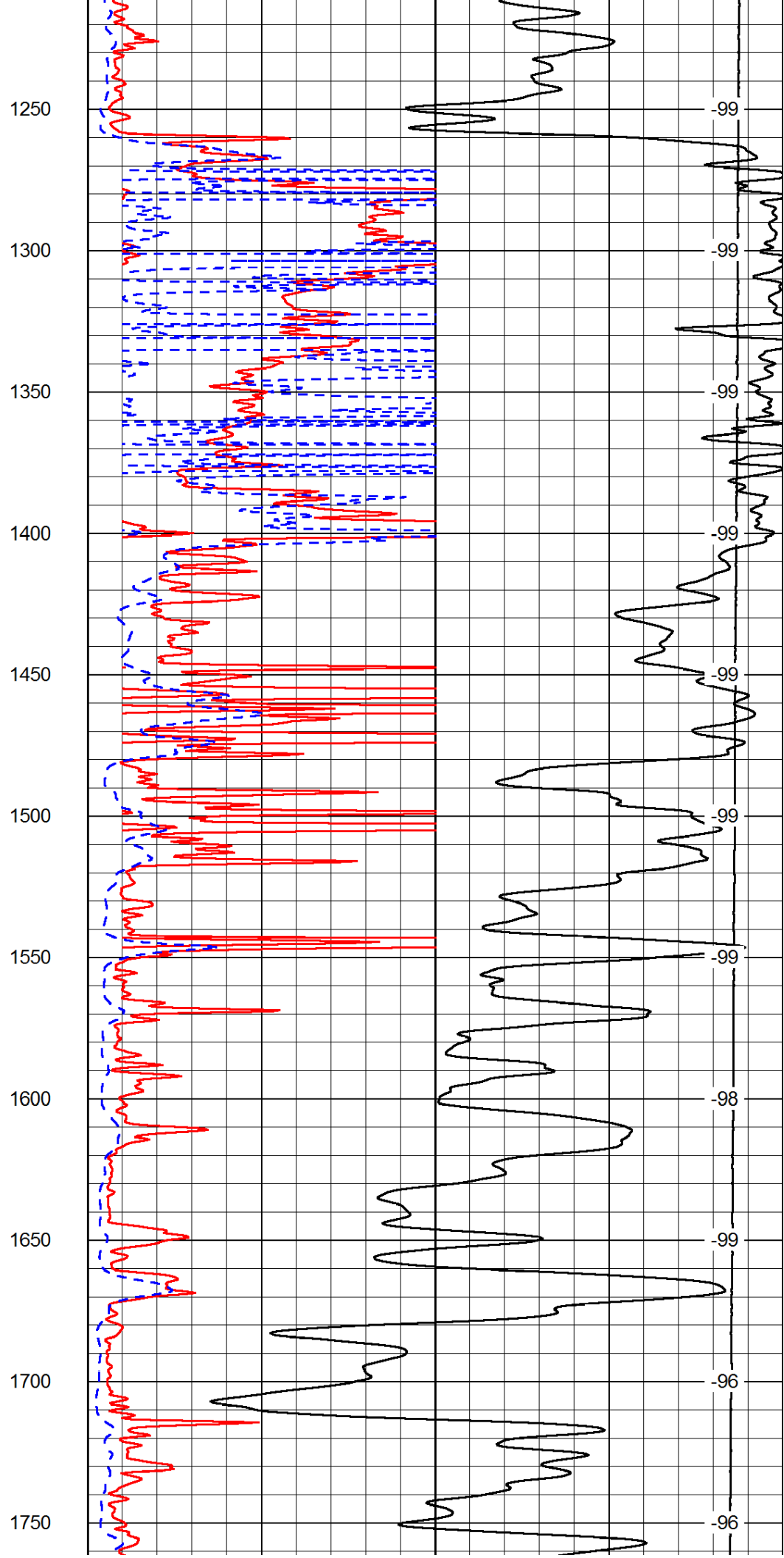
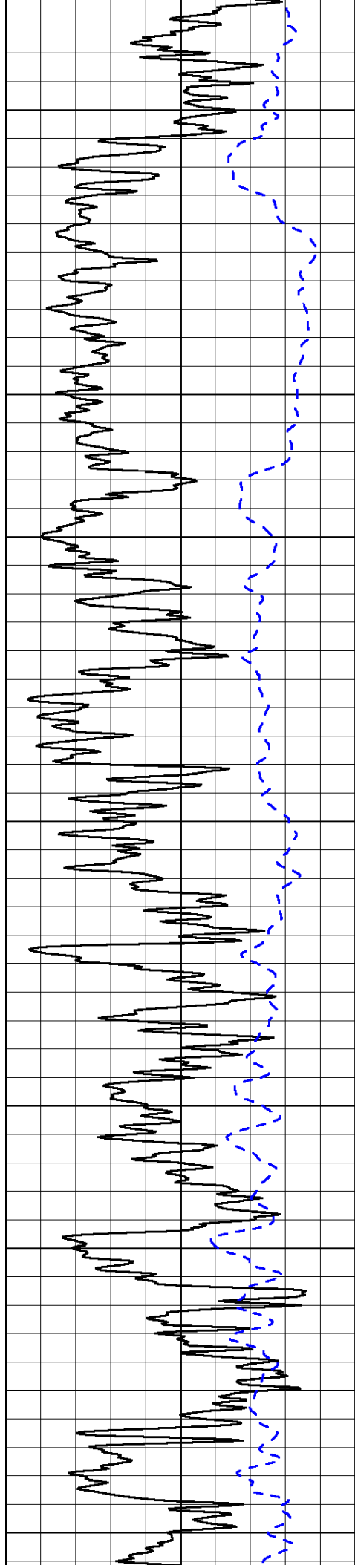
0	Gamma Ray	150
-200	SP (mV)	0

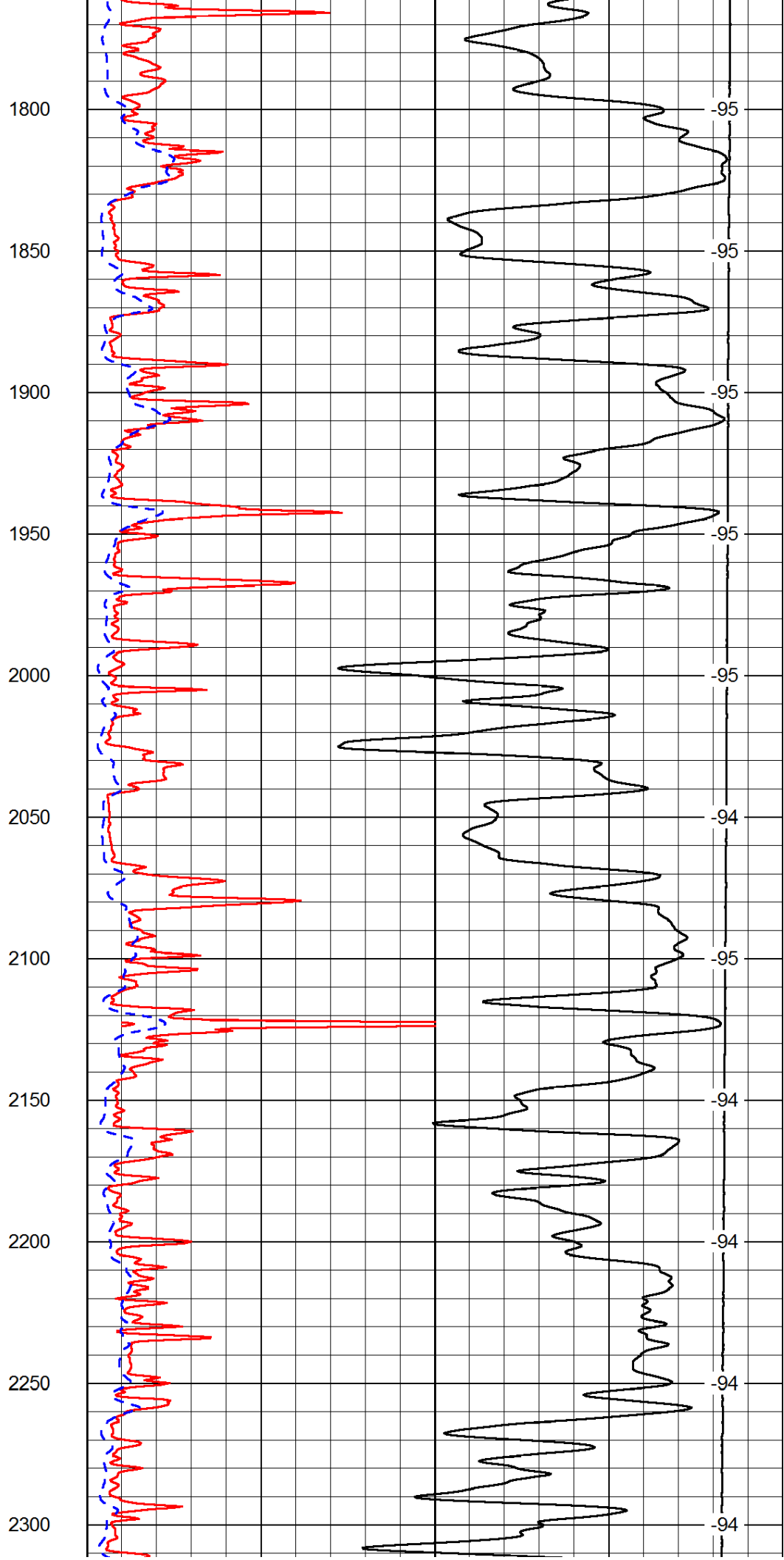
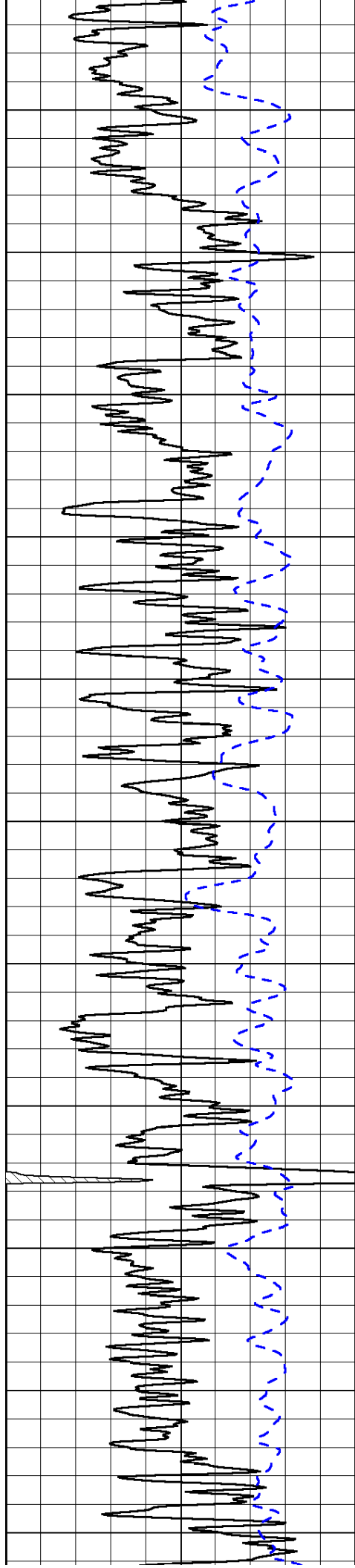


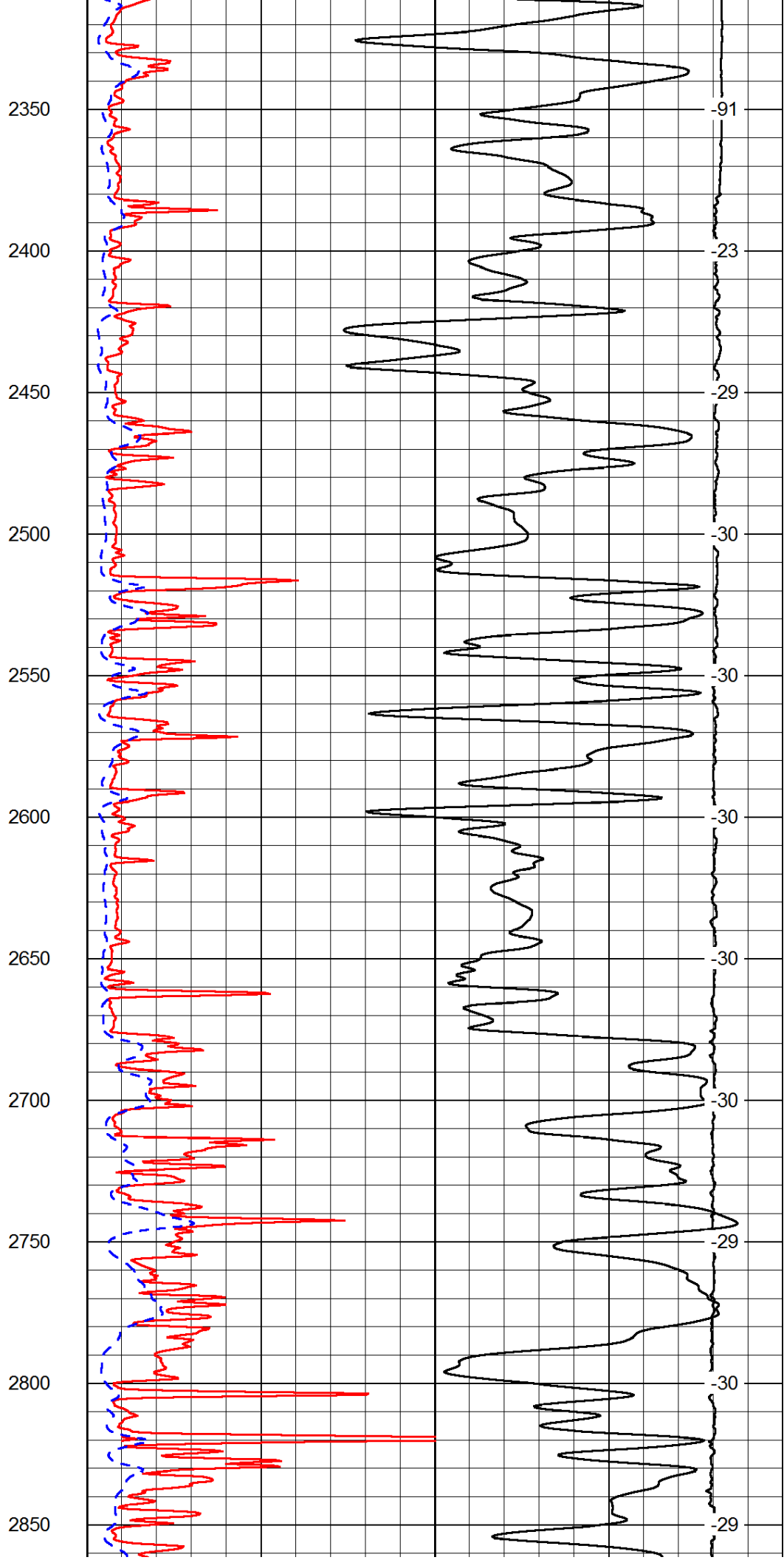
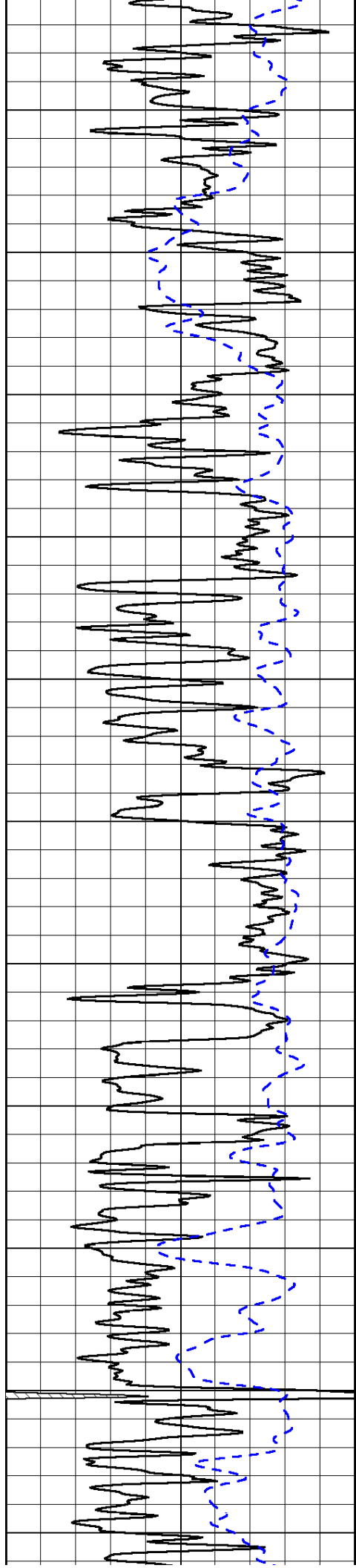
0	Shallow Resistivity	50	LSPD
0	Deep Resistivity	50	
1000	Conductivity		0
15000	Line Tension		0
50	Shallow Resistivity	500	
50	Deep Resistivity	500	

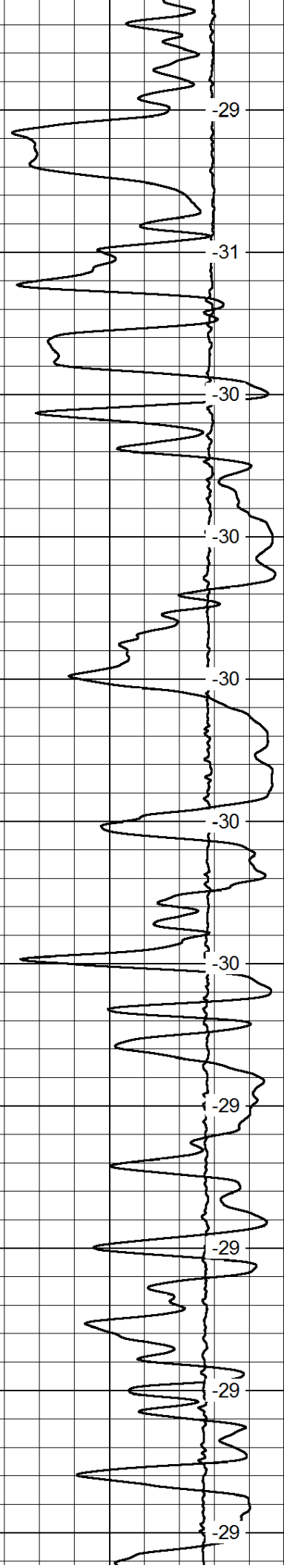
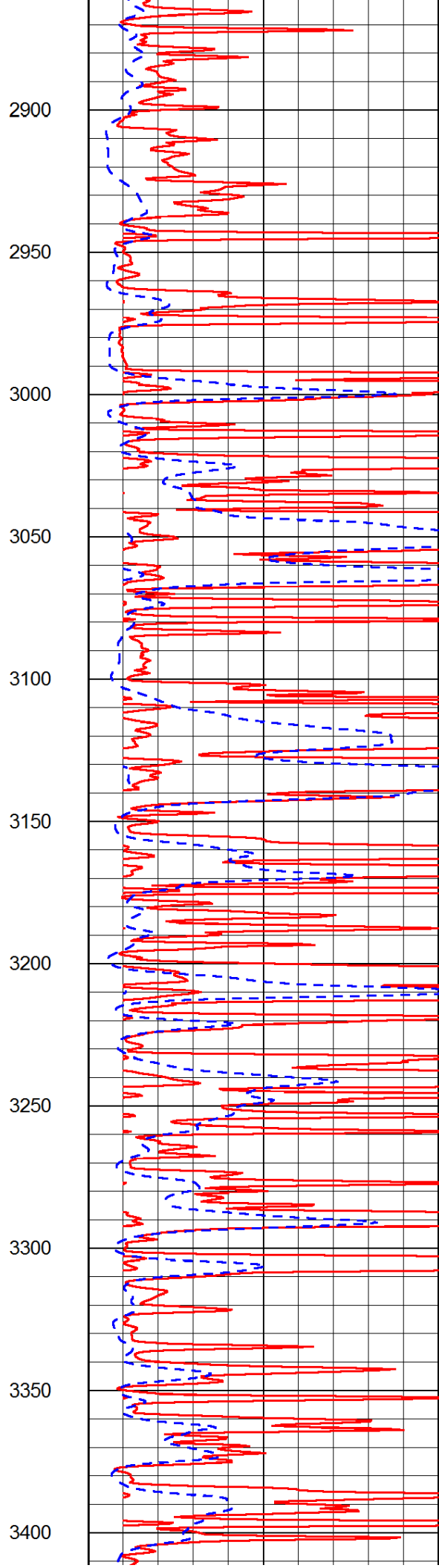
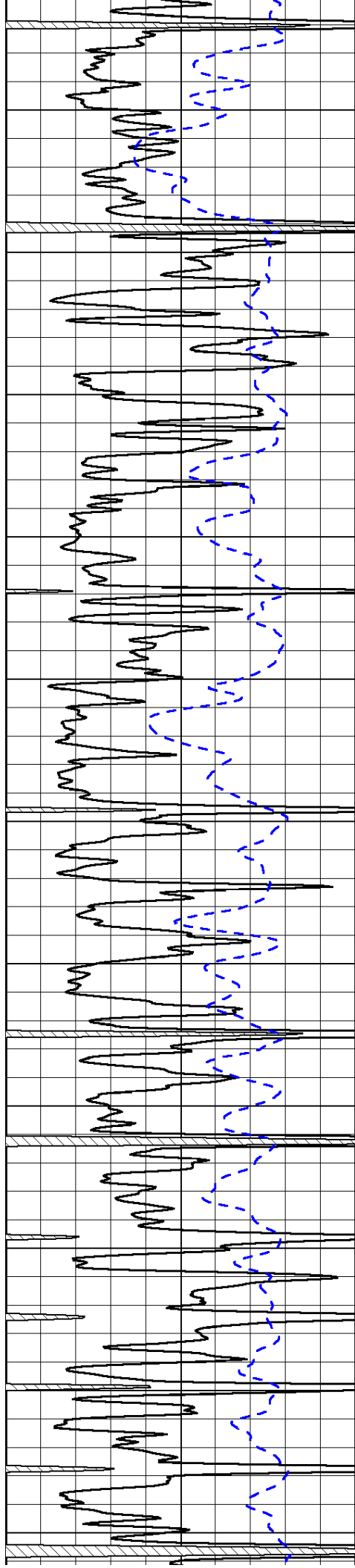


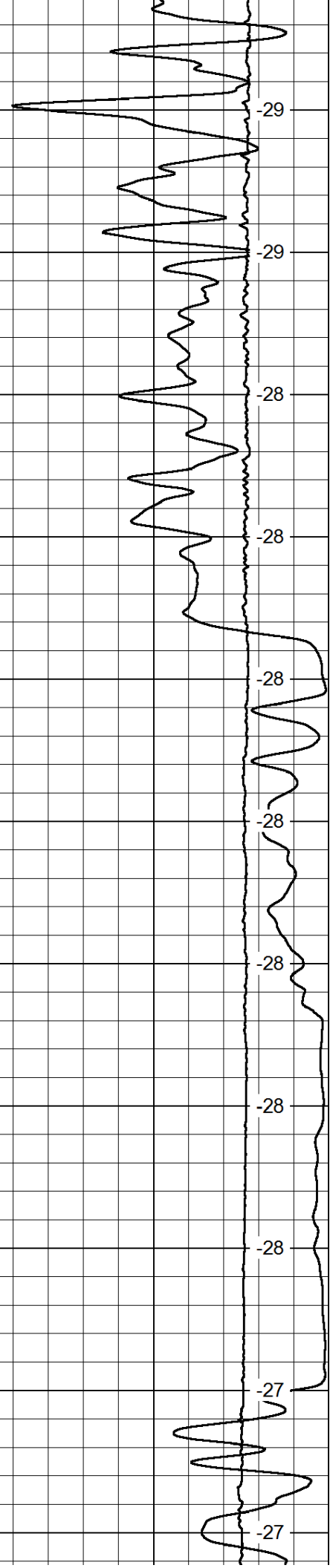
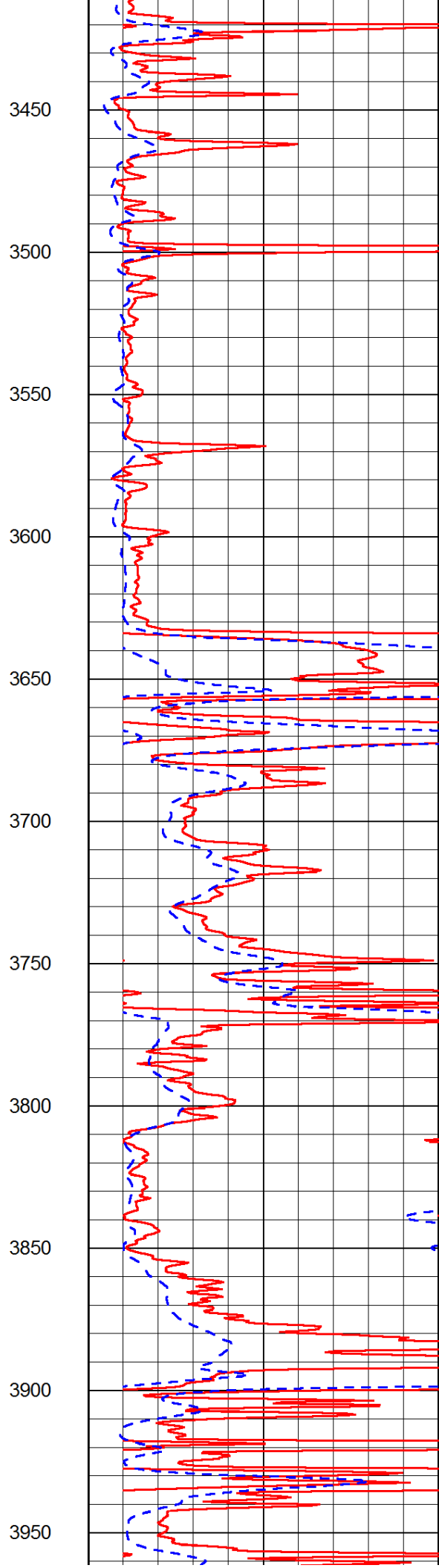
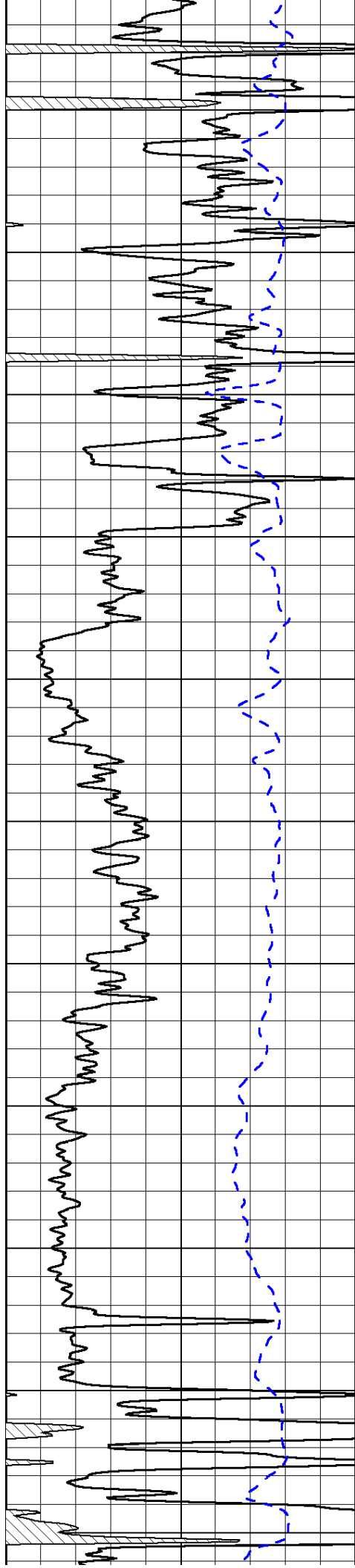


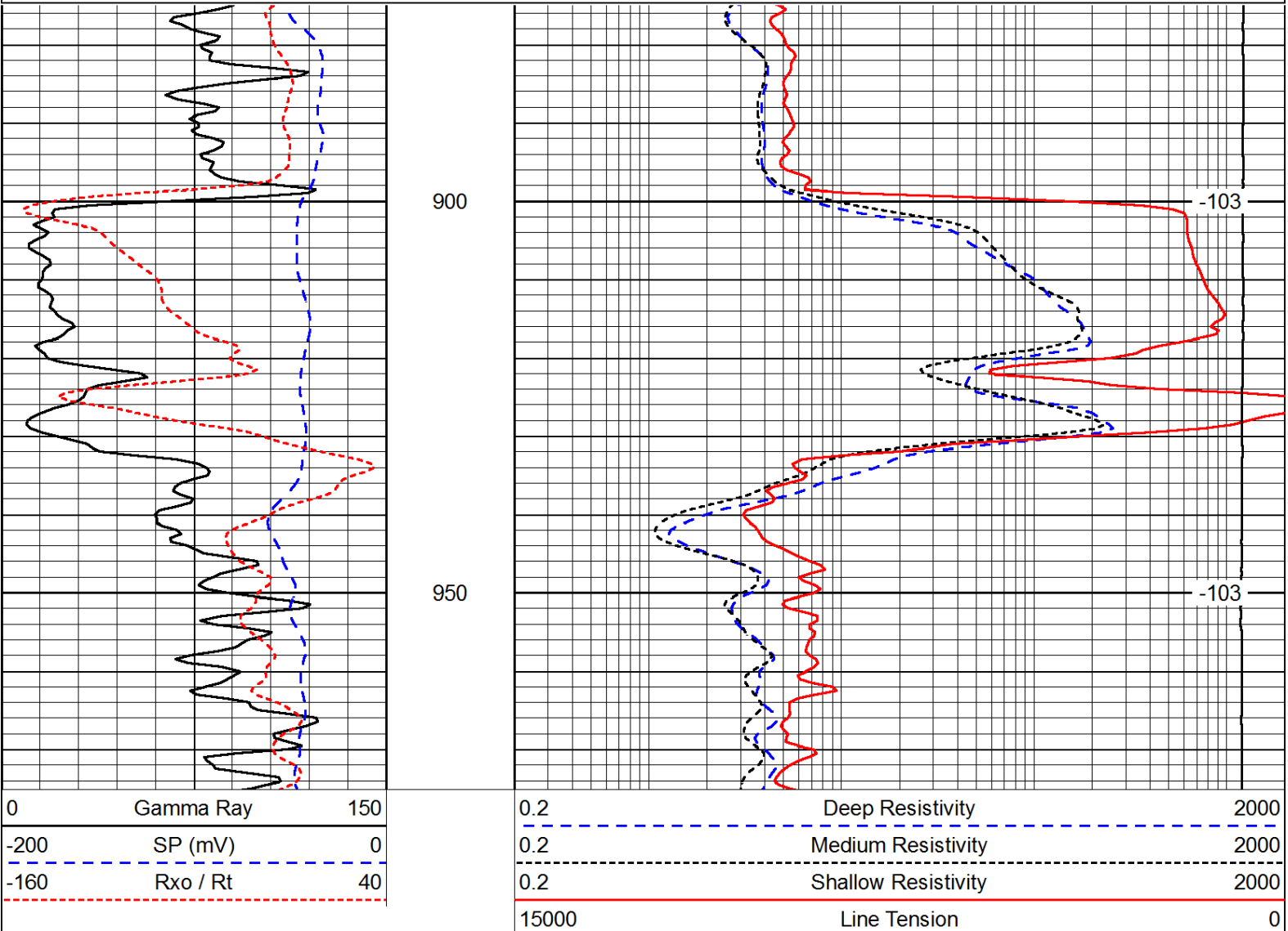
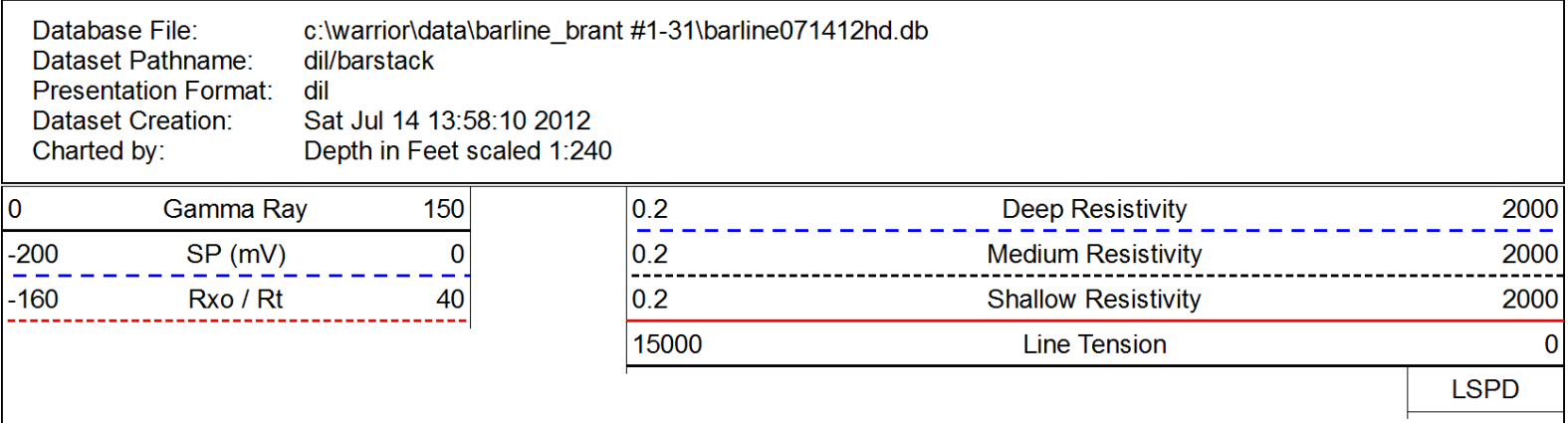
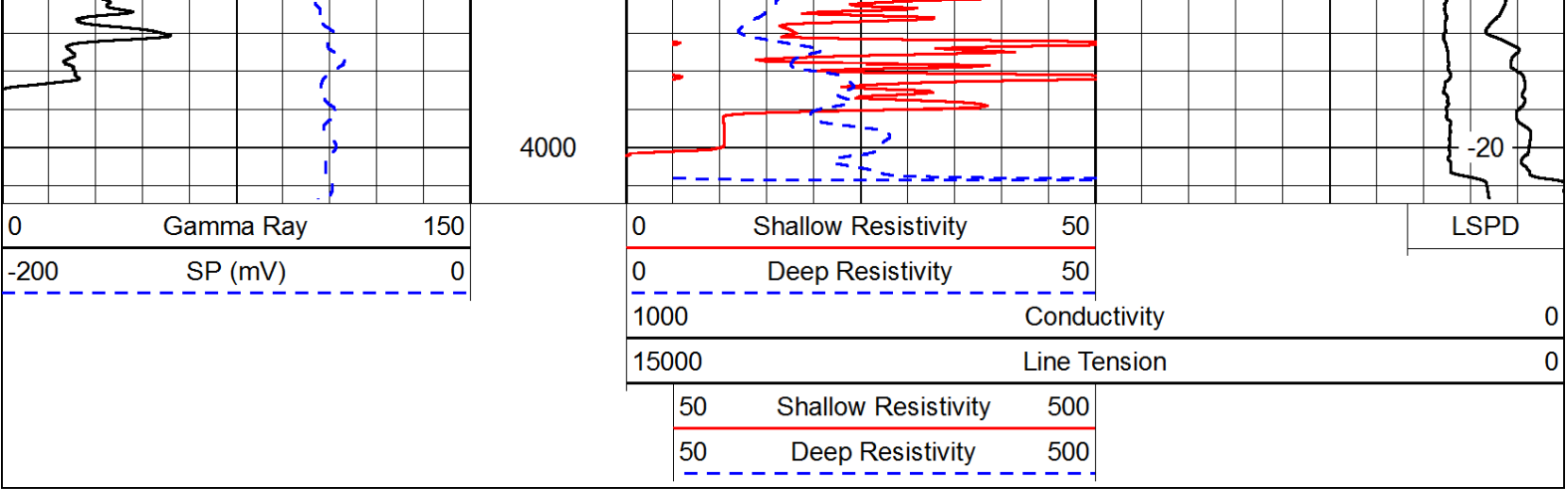








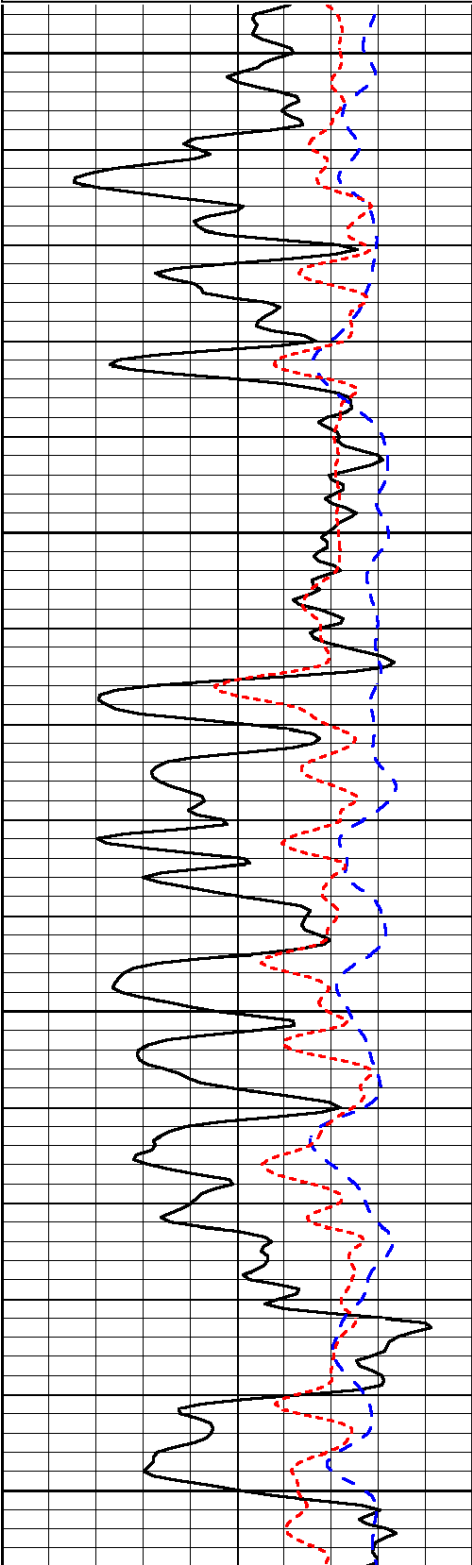




Database File: c:\warrior\data\barline_brant #1-31\barline071412hd.db
 Dataset Pathname: dil\barstack
 Presentation Format: dil
 Dataset Creation: Sat Jul 14 13:58:10 2012
 Charted by: Depth in Feet scaled 1:240

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

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

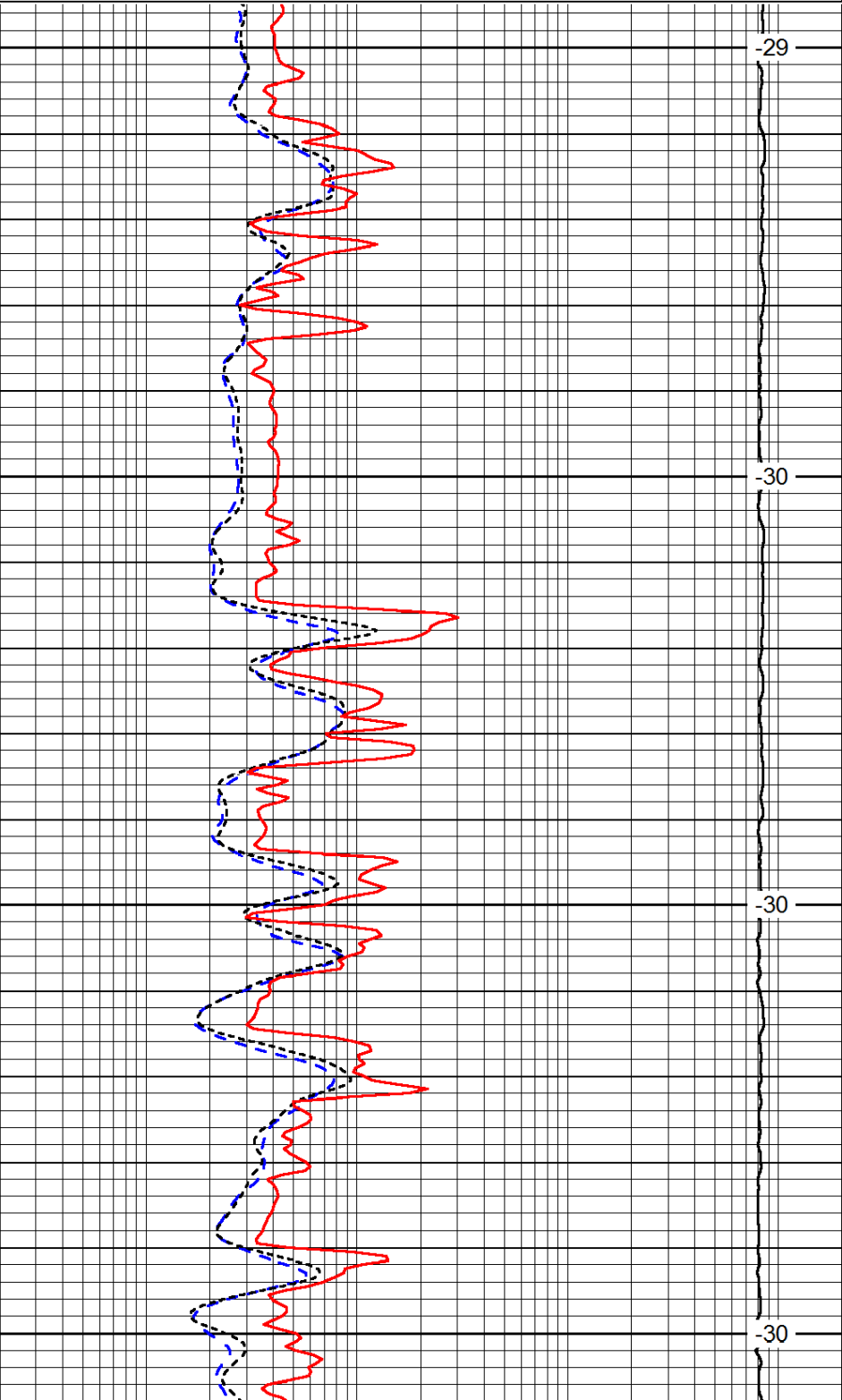


2450

2500

2550

2600

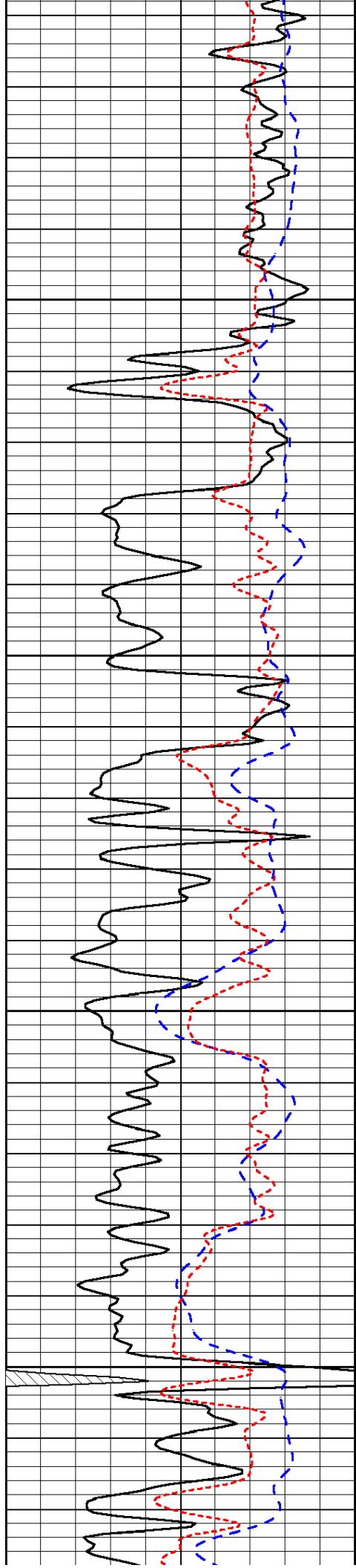


-29

-30

-30

-30

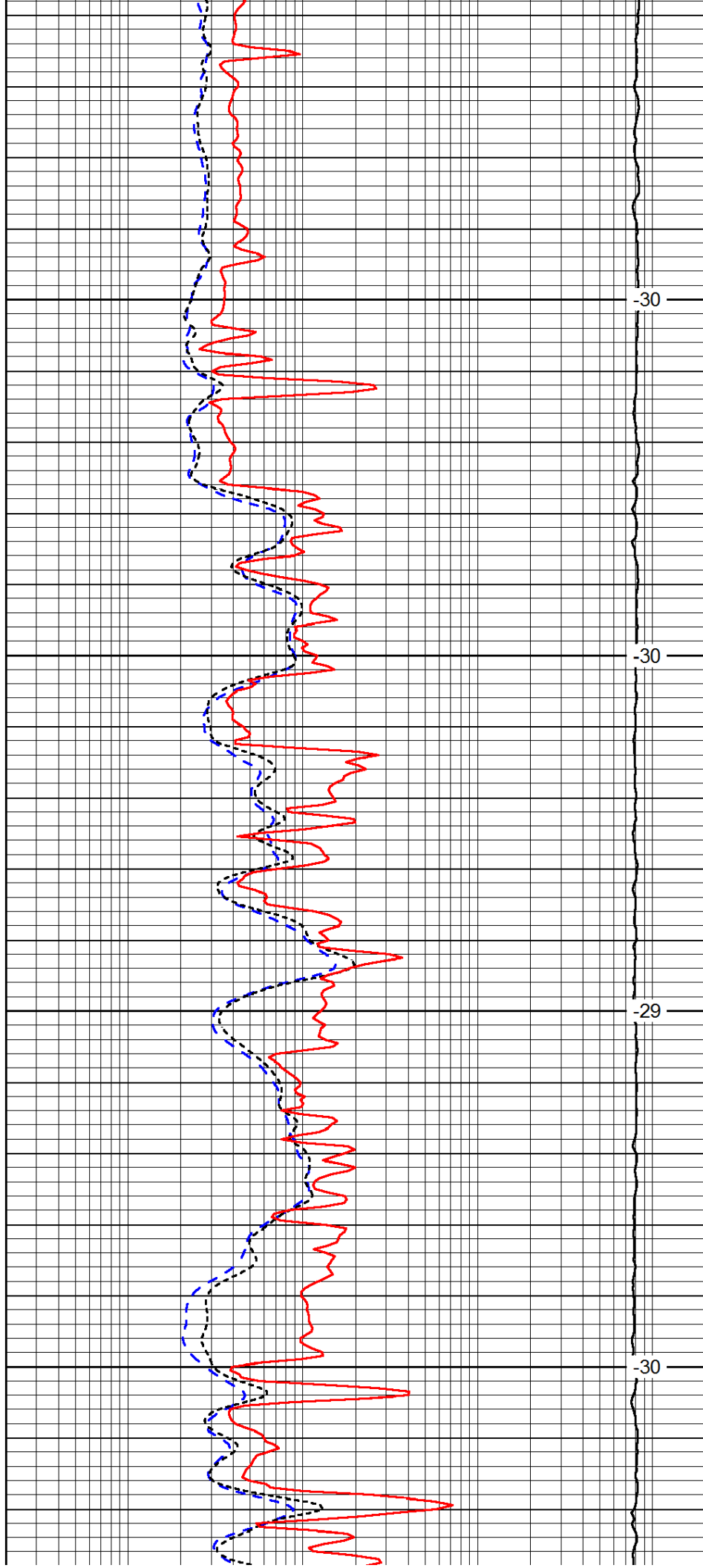


2650

2700

2750

2800

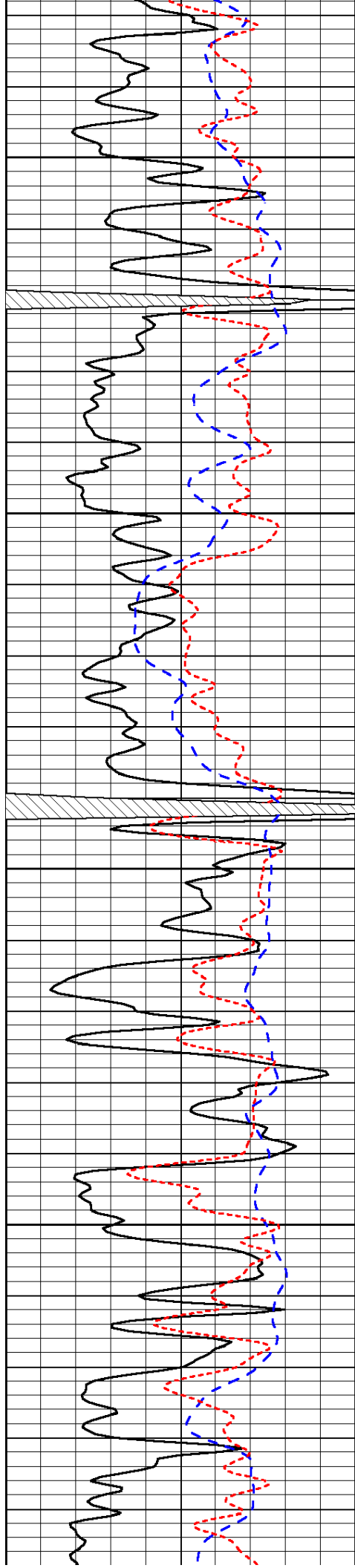


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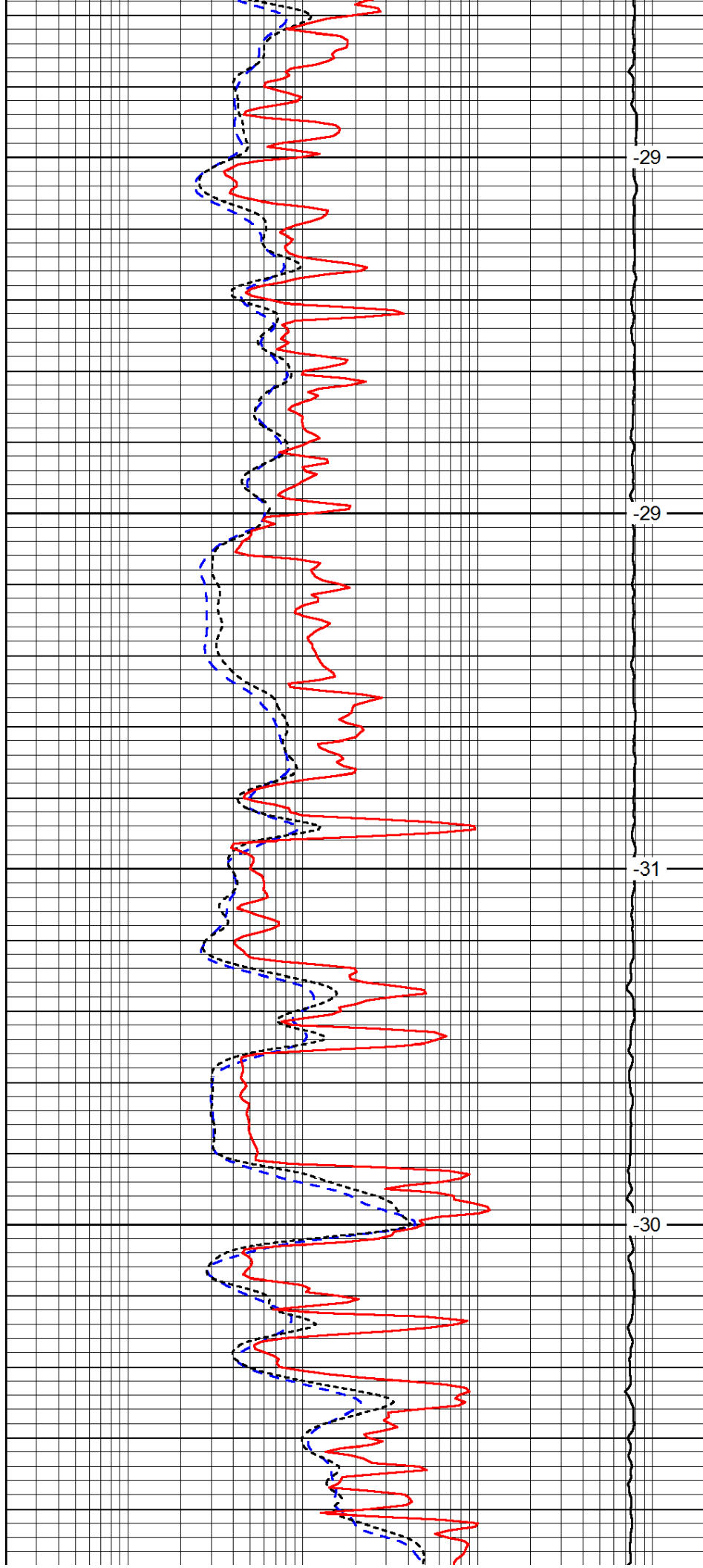


2850

2900

2950

3000

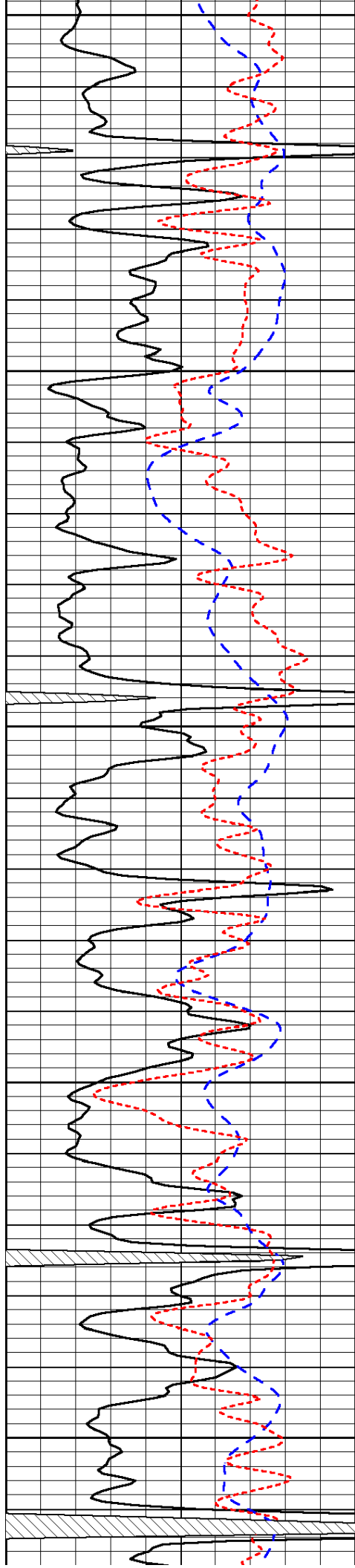


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-29

-31

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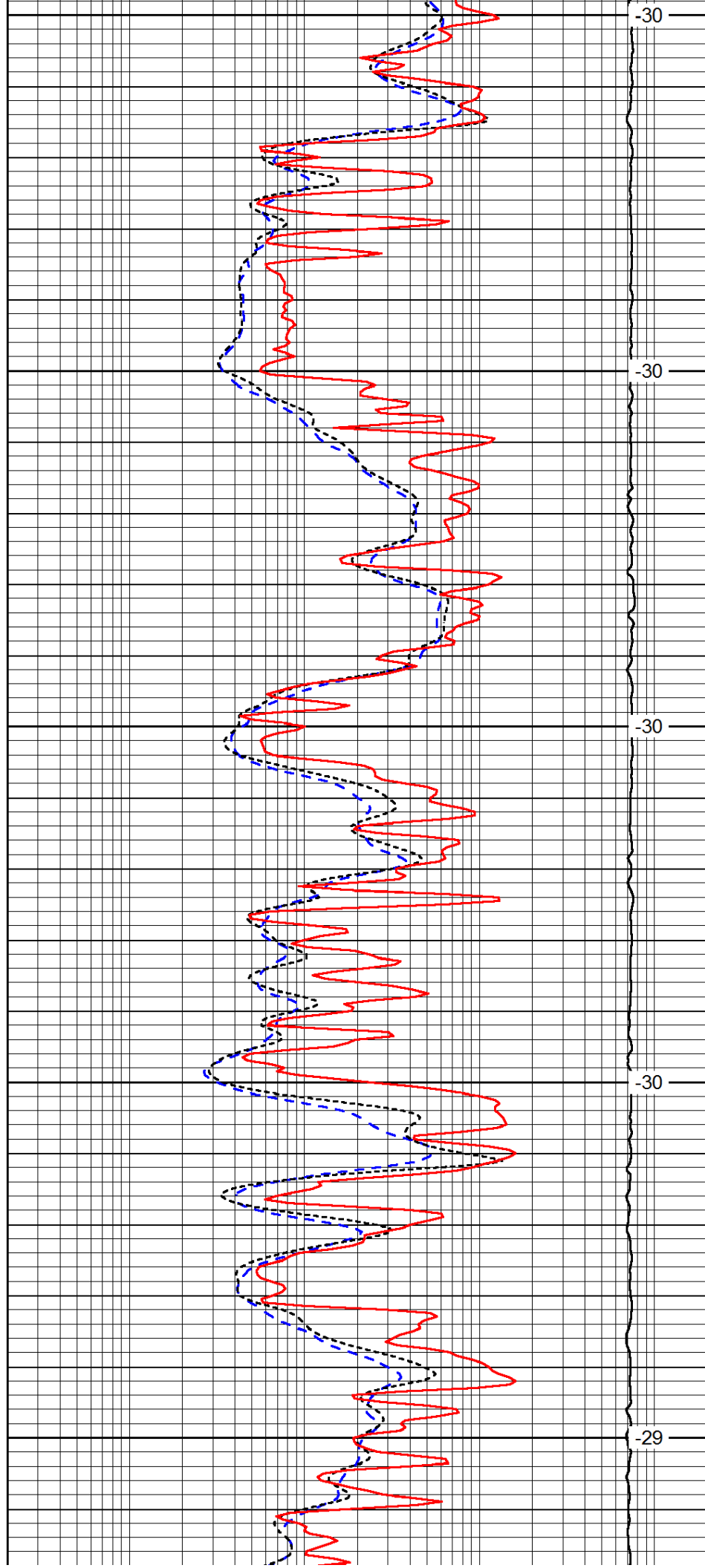
3050

3100

3150

3200

3250



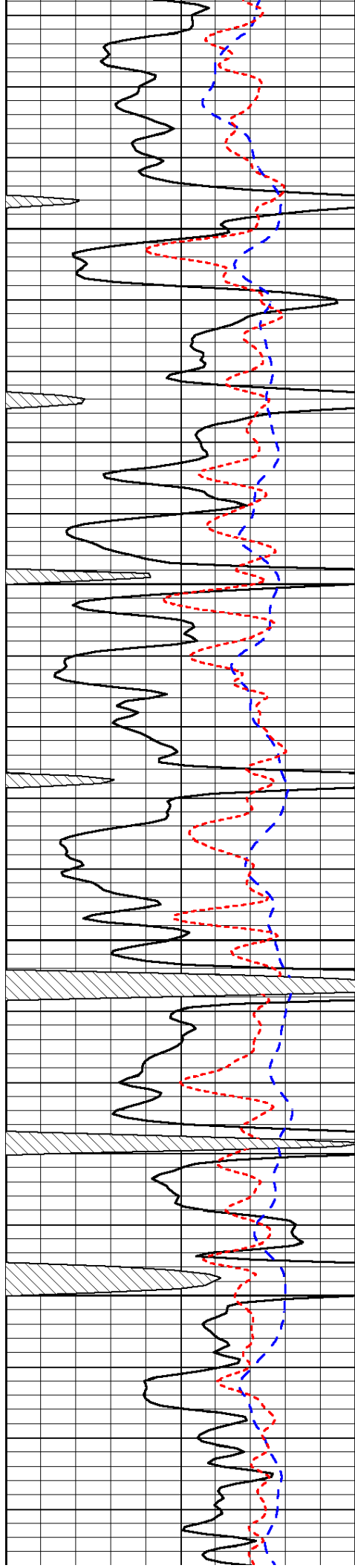
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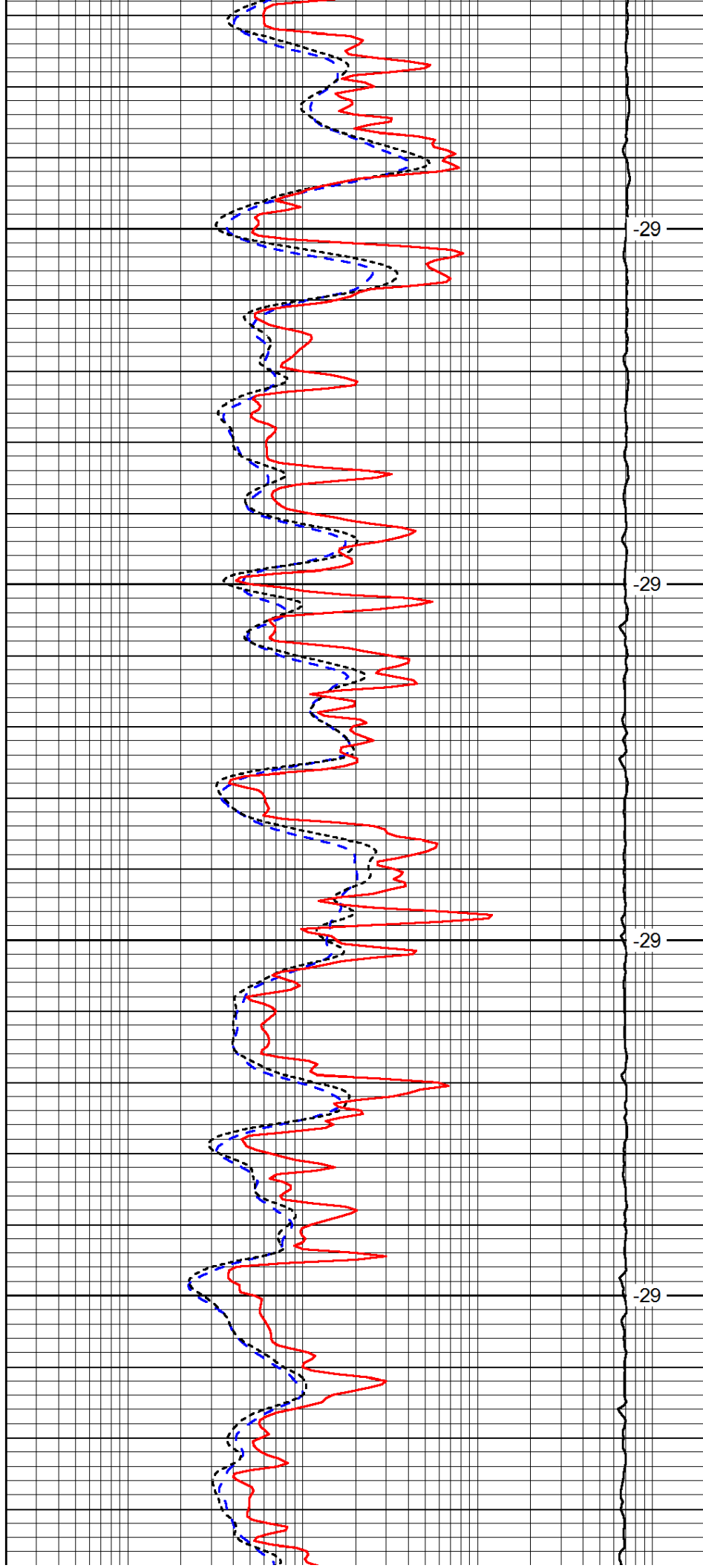


3300

3350

3400

3450

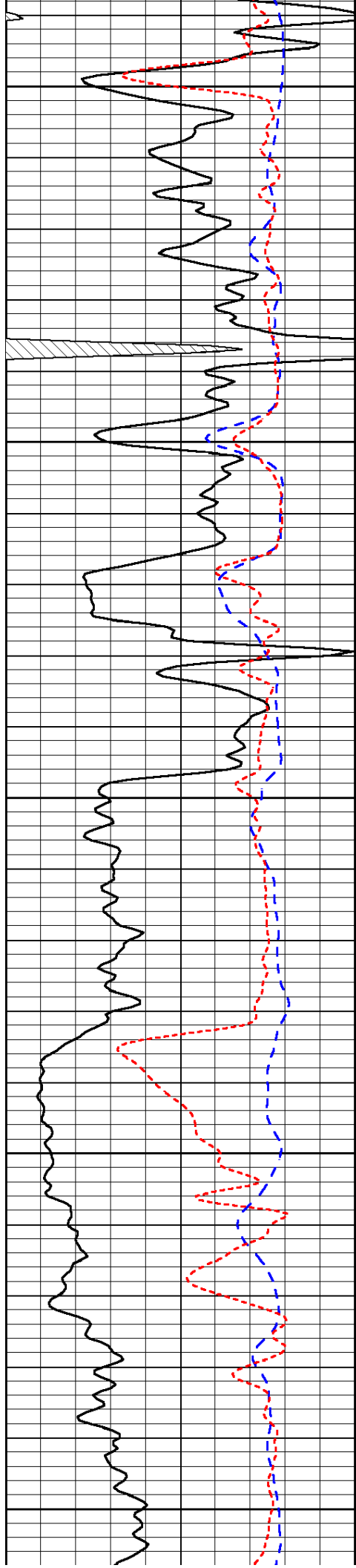


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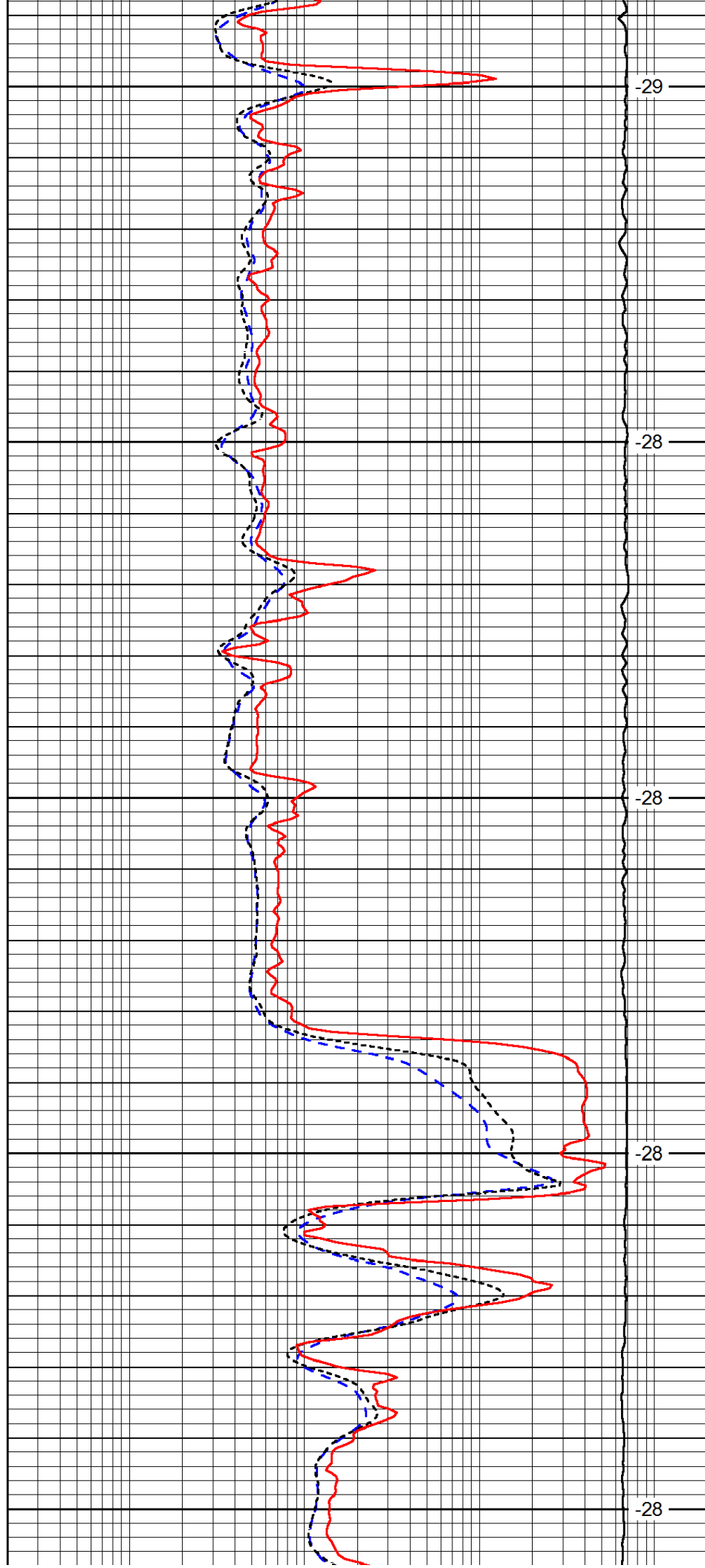
3500

3550

3600

3650

3700



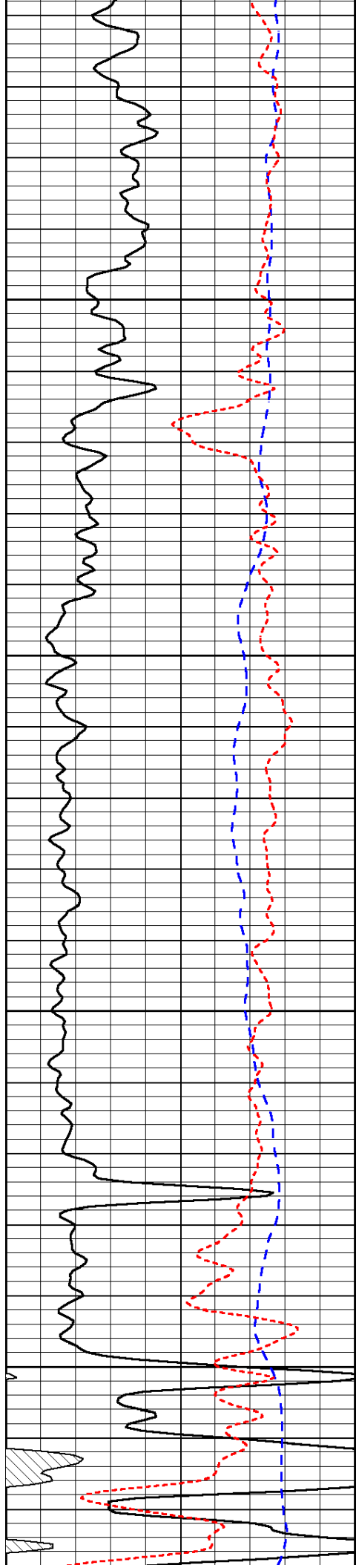
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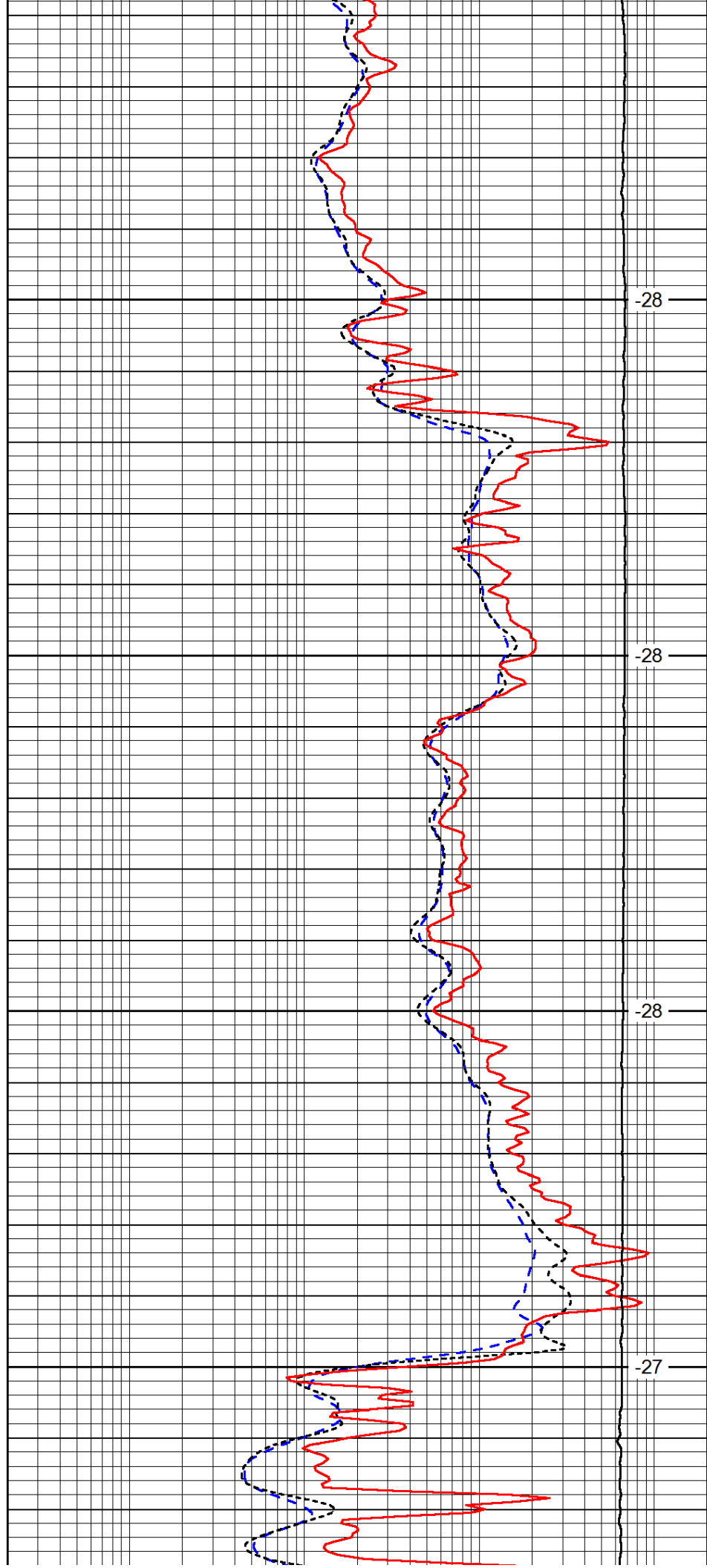


3750

3800

3850

3900

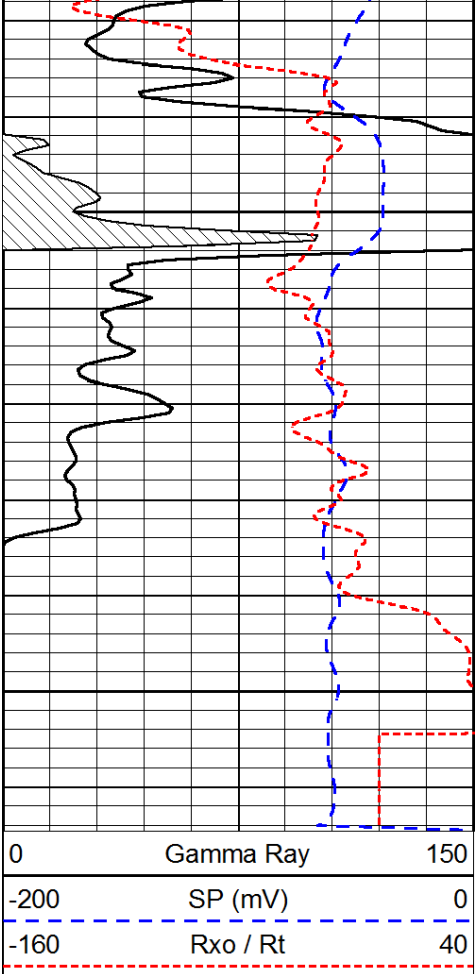


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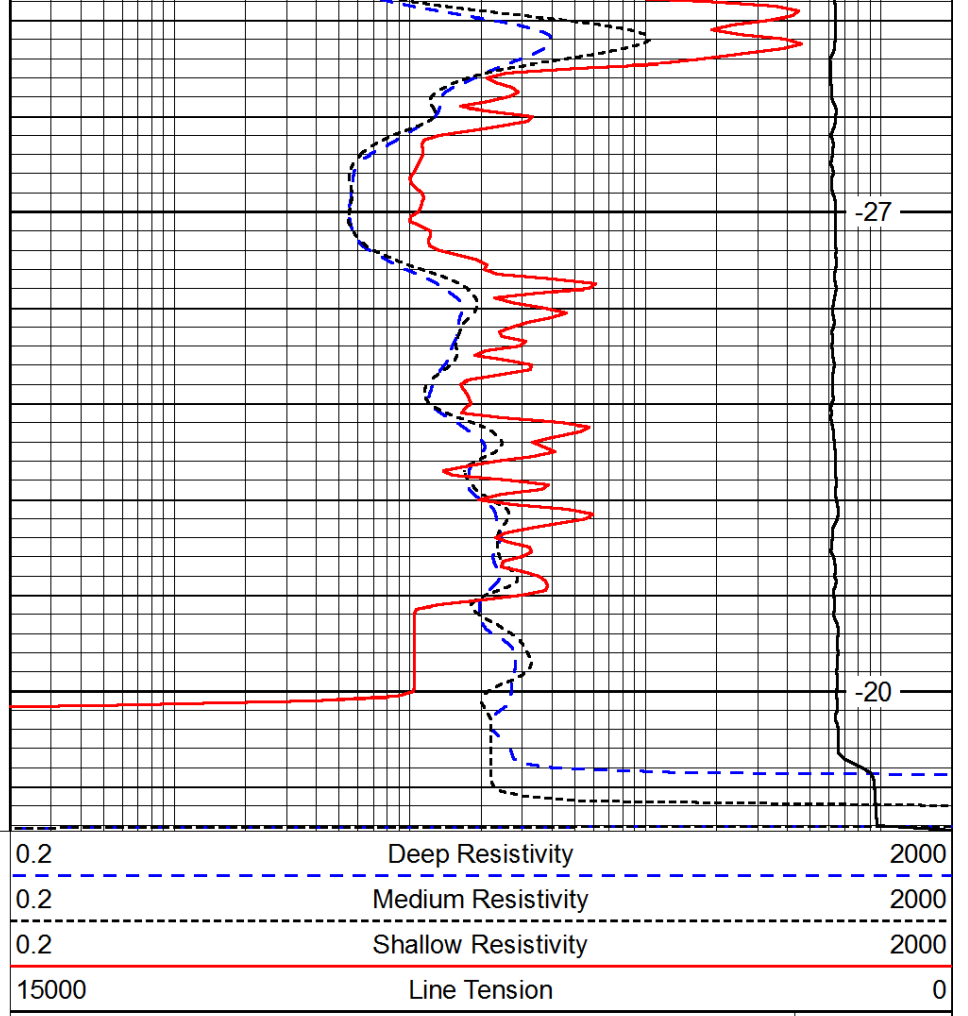
-28

-27



3950

4000



-27

-20

LSPD