



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No. API 15-101-22, 155-00-00

Company Larson Engineering, Inc.
 Well McLeish No. 1-24
 Field Wildcat
 County Lane State Kansas

Location E2 W2 E2 NE
 1,320' FNL & 820' FEL

Sec: 24 Twp: 18S Rge: 27W

Other Services
 CNL/CDL
 MEL

Permanent Datum Ground Level Elevation 2658
 Log Measured From Kelly Bushing 5 Ft. Above Perm. Datum
 Drilling Measured From Kelly Bushing

Date	3/5/09	Elevation	2663
Run Number	One	D.F.	2658
Depth Driller	4710	G.L.	2658
Depth Logger	4706		
Bottom Logged Interval	4705		
Top Log Interval	235		
Casing Driller	8.625 @ 242		
Casing Logger	246		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	4200		
Density / Viscosity	9.3 50		
pH / Fluid Loss	10.5 7.2		
Source of Sample	Flowline		
Rm @ Meas. Temp	1.4 @ 76		
Rmf @ Meas. Temp	1.05 @ 76		
Rmc @ Meas. Temp	1.89 @ 76		
Source of Rmf / Rmc	Charts		
Rm @ BHT	.85 @ 125		
Operating Rig Time	4 Hours		
Max Rec. Temp. F	125		
Equipment Number	17		
Location	Hays		
Recorded By	J. Long		M. Garrison
Witnessed By	Bob Lewellyn		

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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

Ness City, W to County Line, 1 N, W Into

Database File: c:\warrior\data\larson_mcleish no. 1-24\larsonhd.db
 Dataset Pathname: dil\larstack
 Presentation Format: dil2in
 Dataset Creation: Thu Mar 05 22:48:40 2009
 Charted by: Depth in Feet scaled 1:600

0 Gamma Ray 150
-200 SP (MV) 0

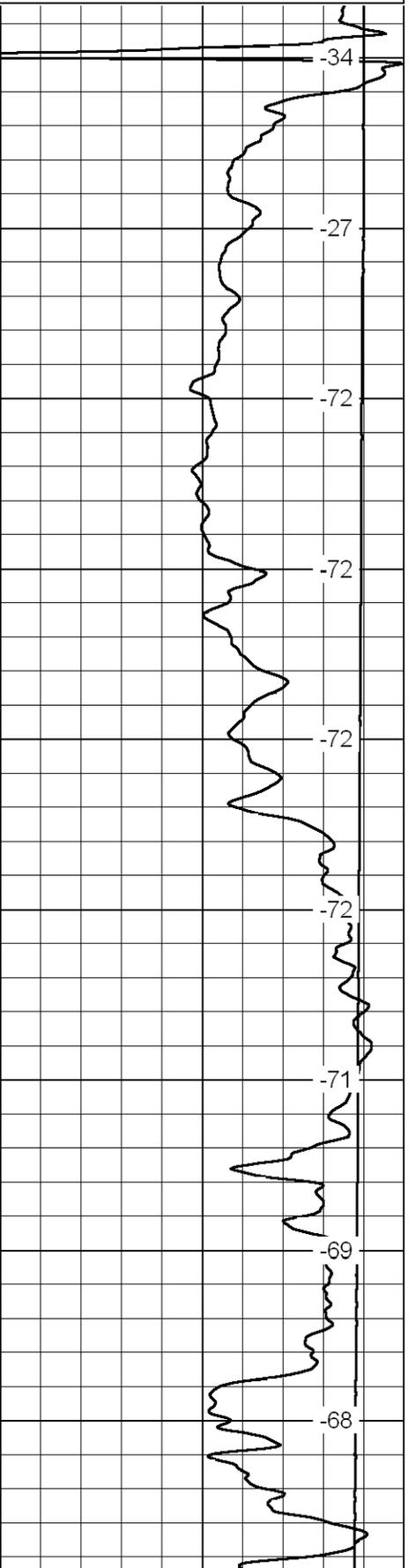
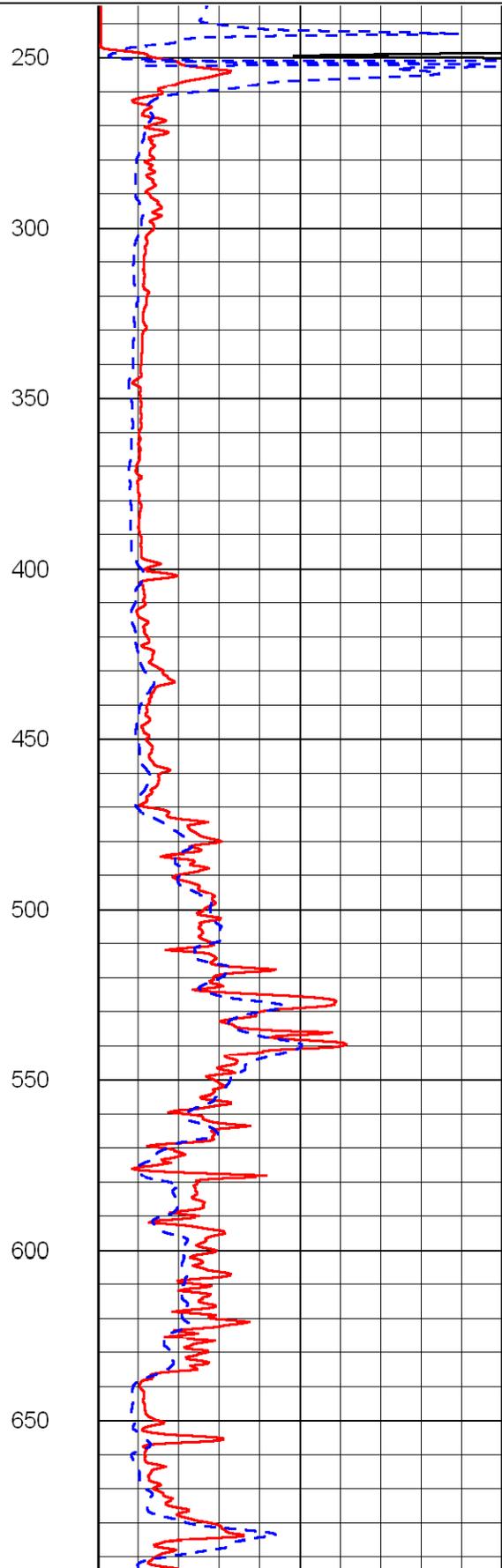
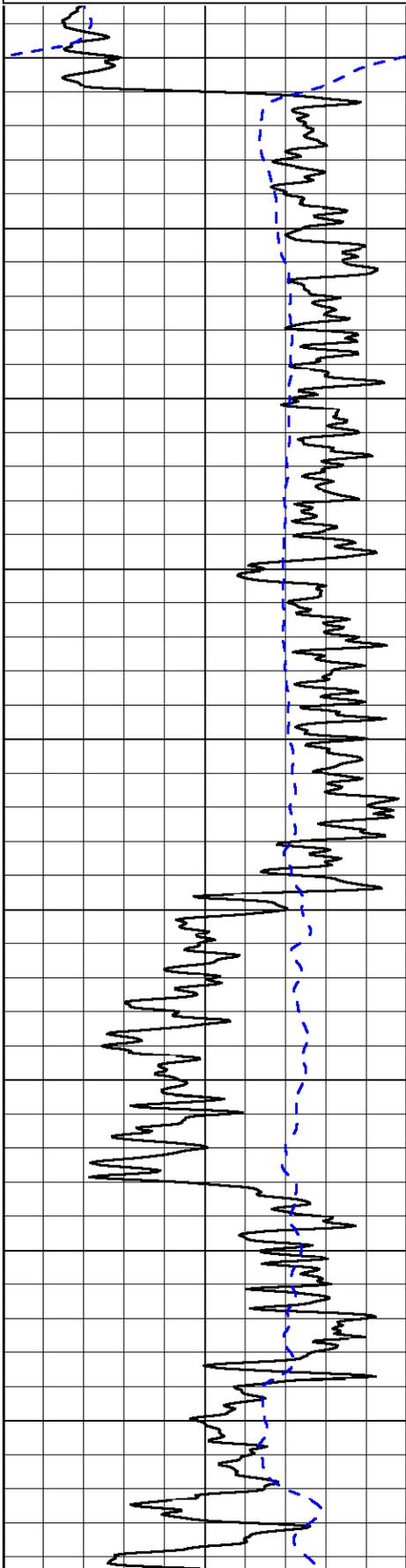
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0 Deep Resistivity (Ohm-m) 50

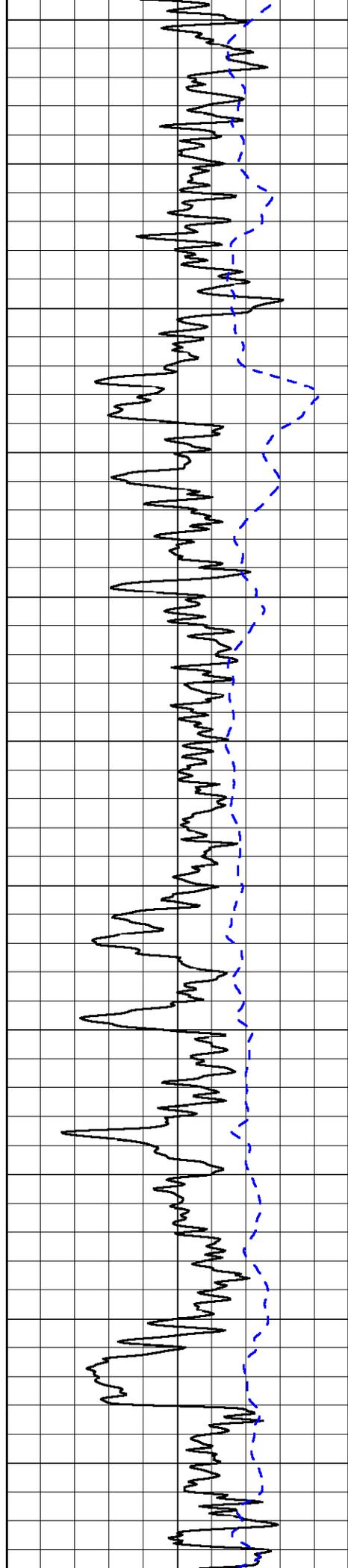
LSPD
(ft/min)

1000 Conductivity (mmho/m) 0

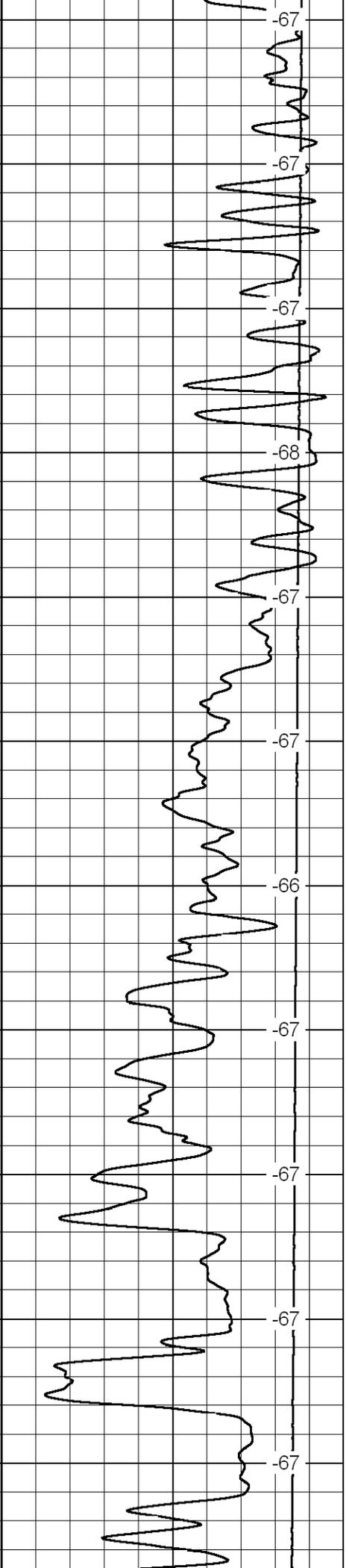
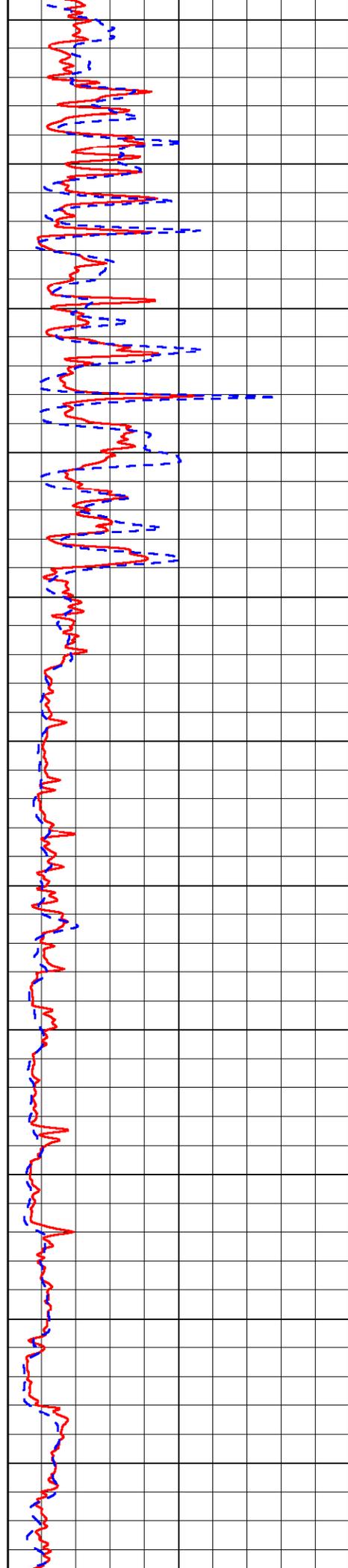
15000 Line Tension (lb) 0

Shallow Resistivity
50 (Ohm-m) 500
50 Deep Resistivity (Ohm-m) 500

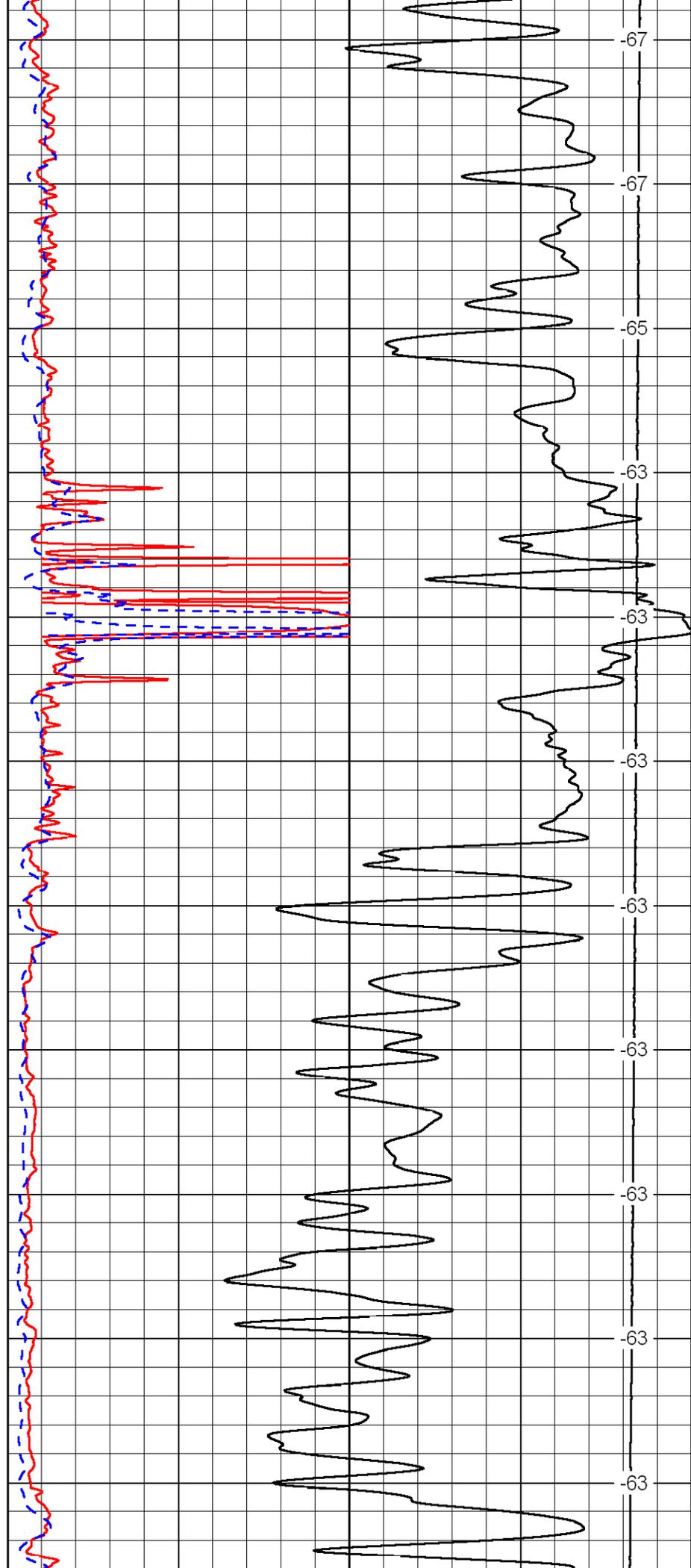
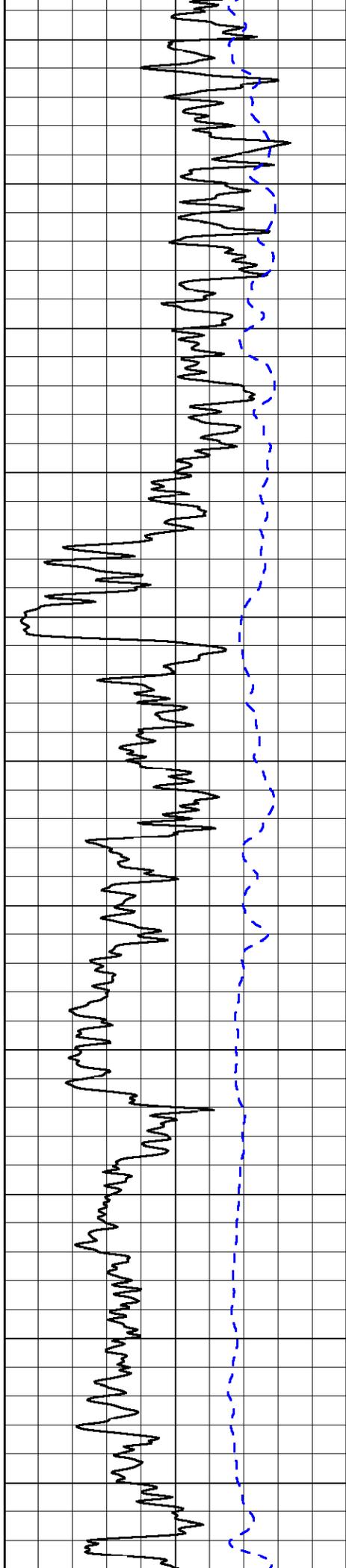


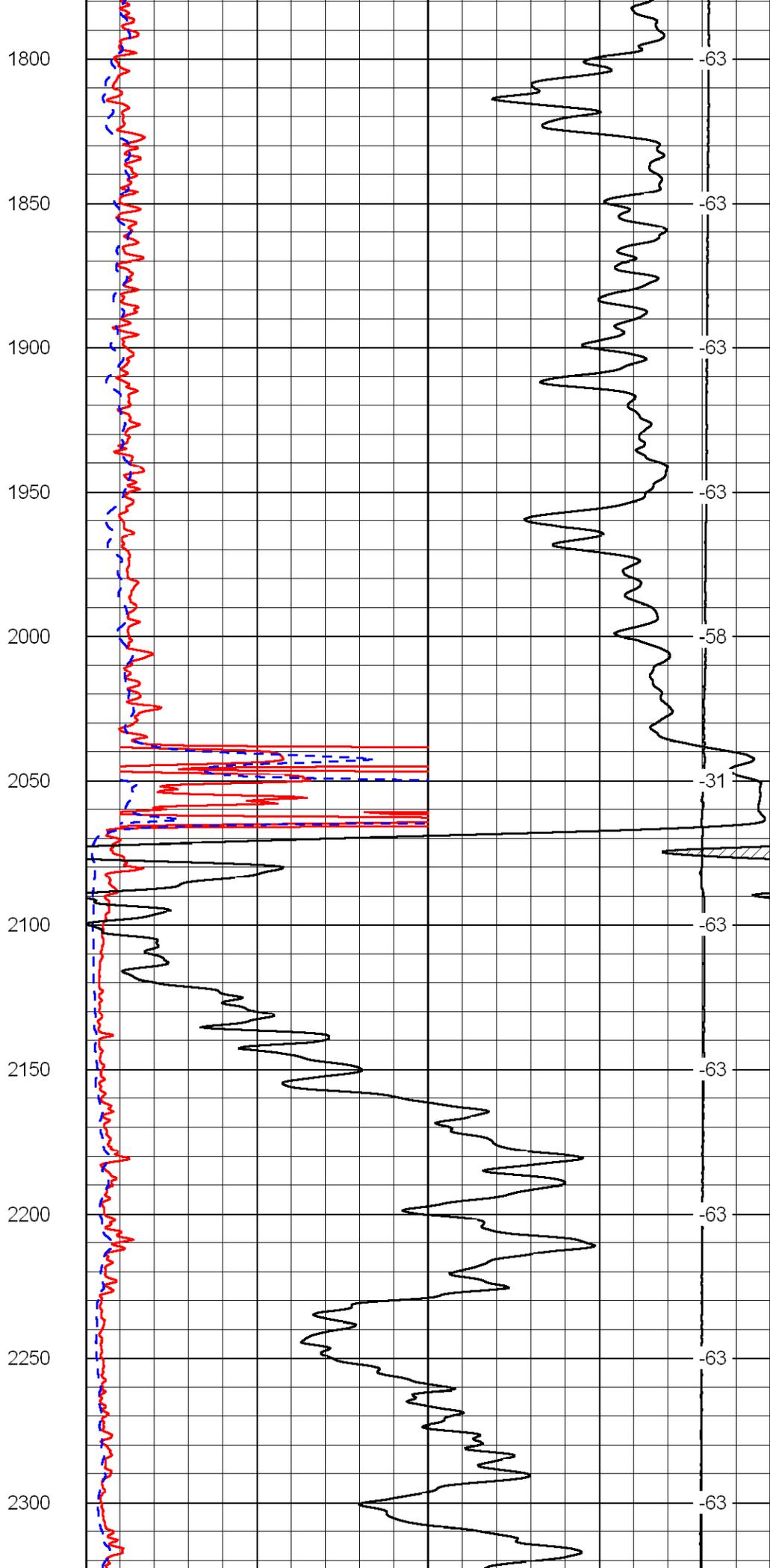
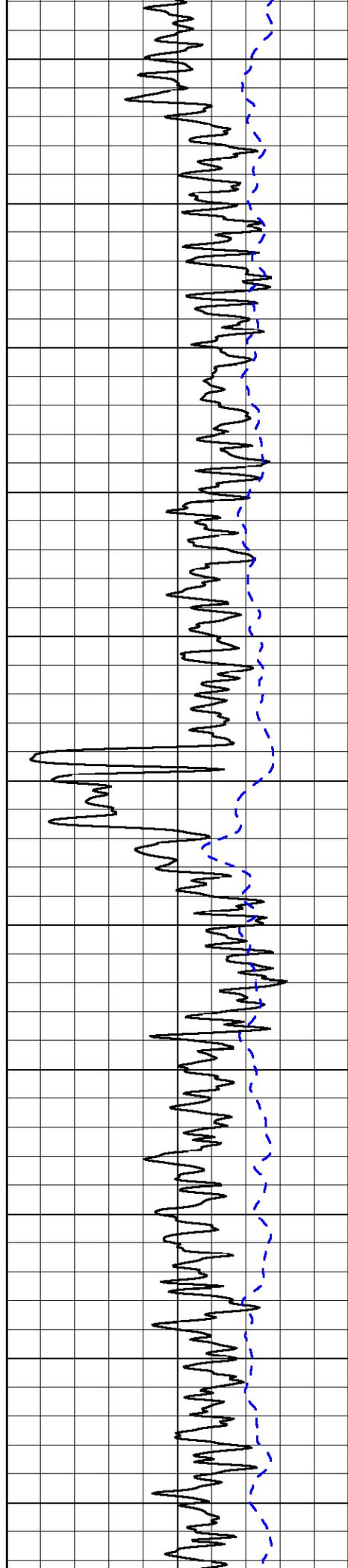


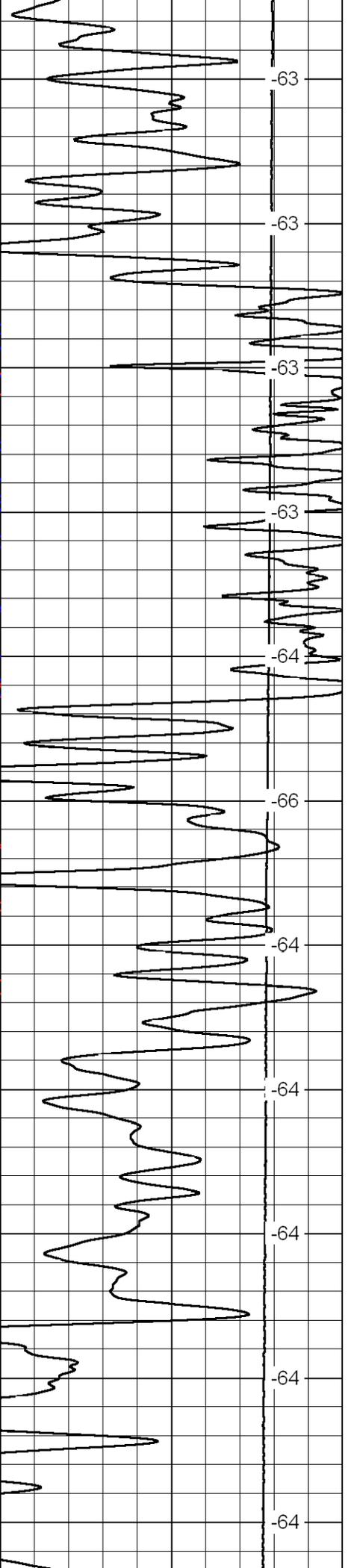
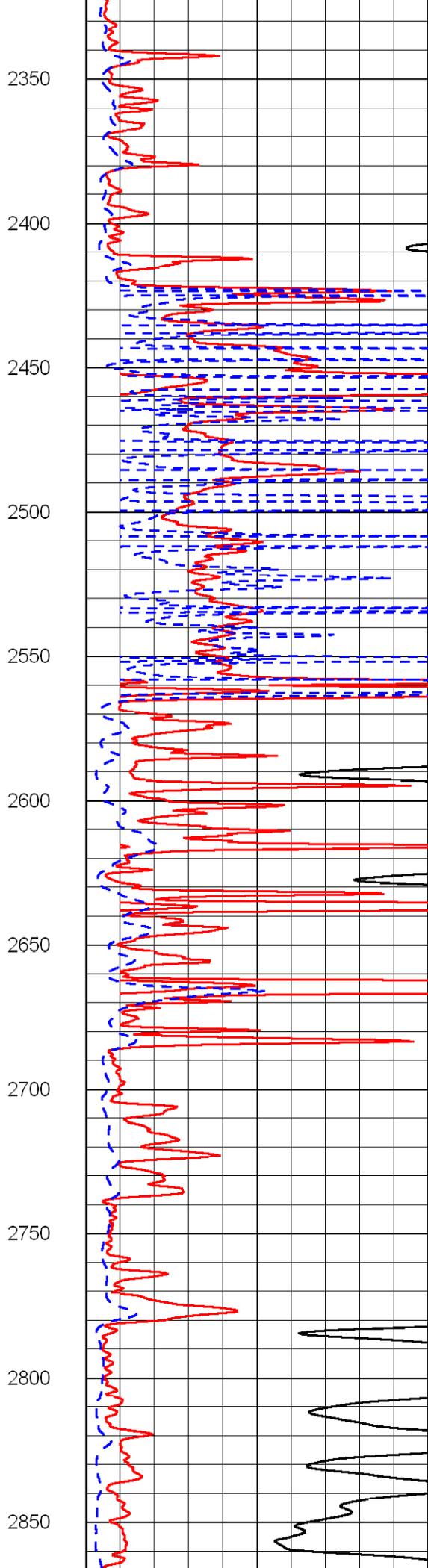
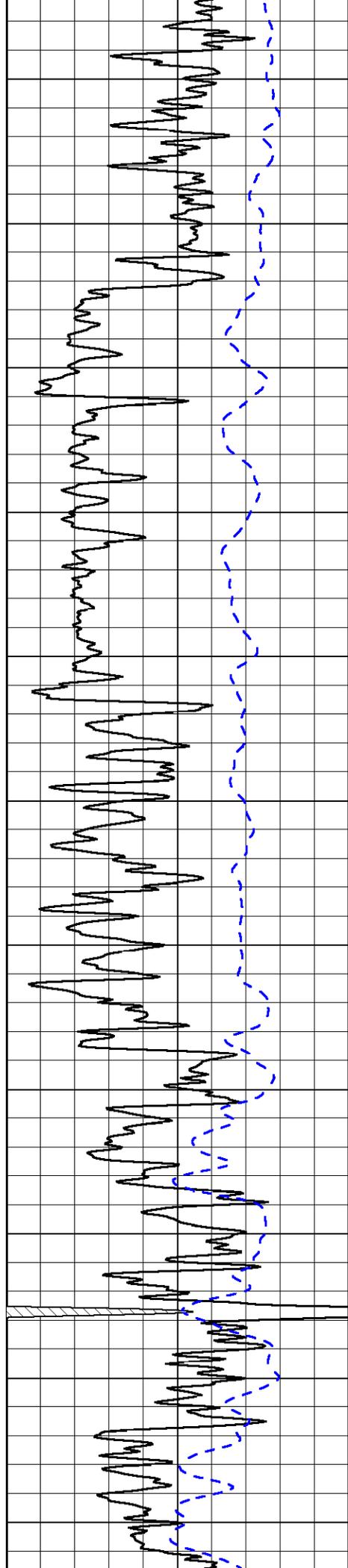
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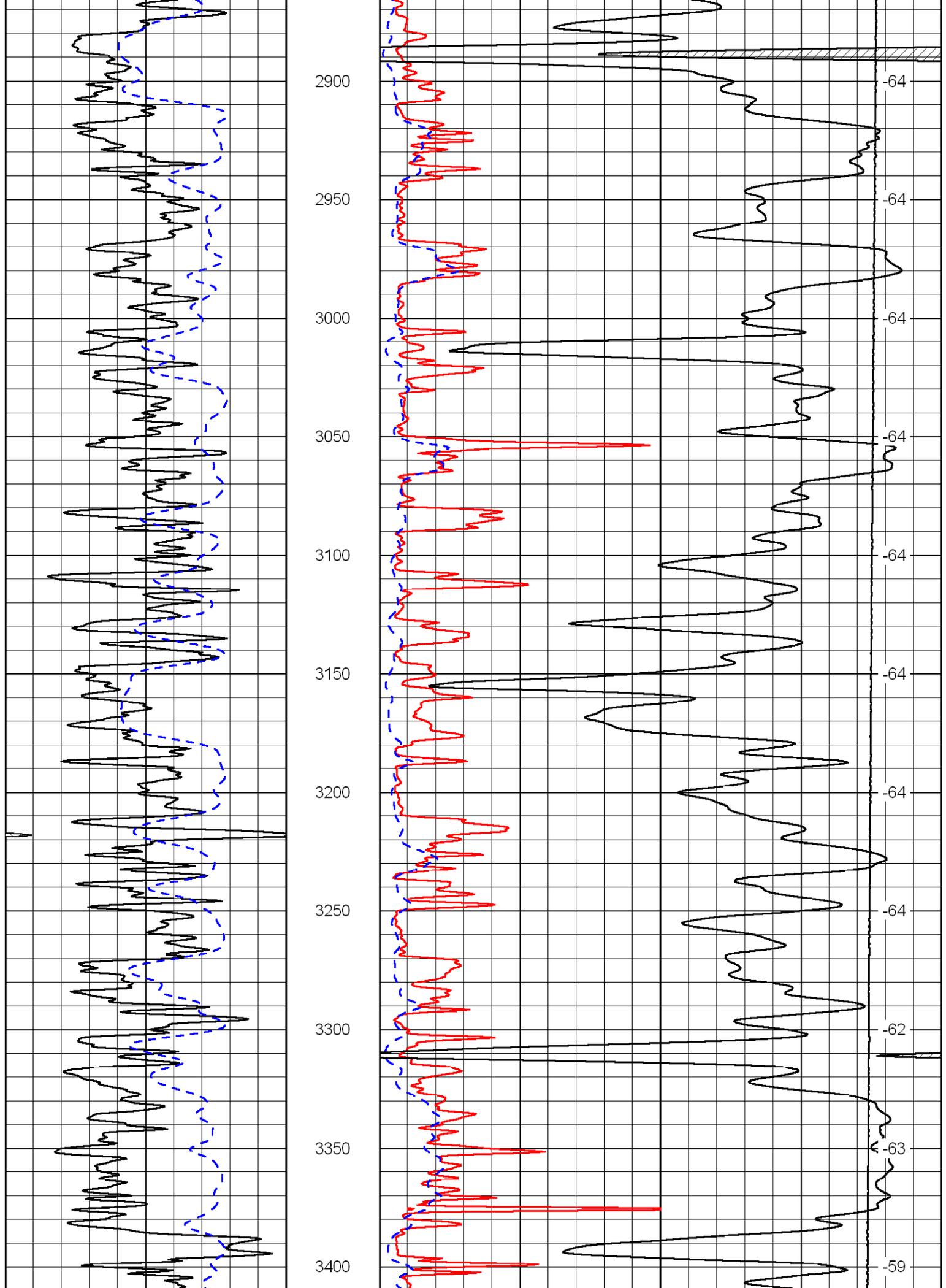


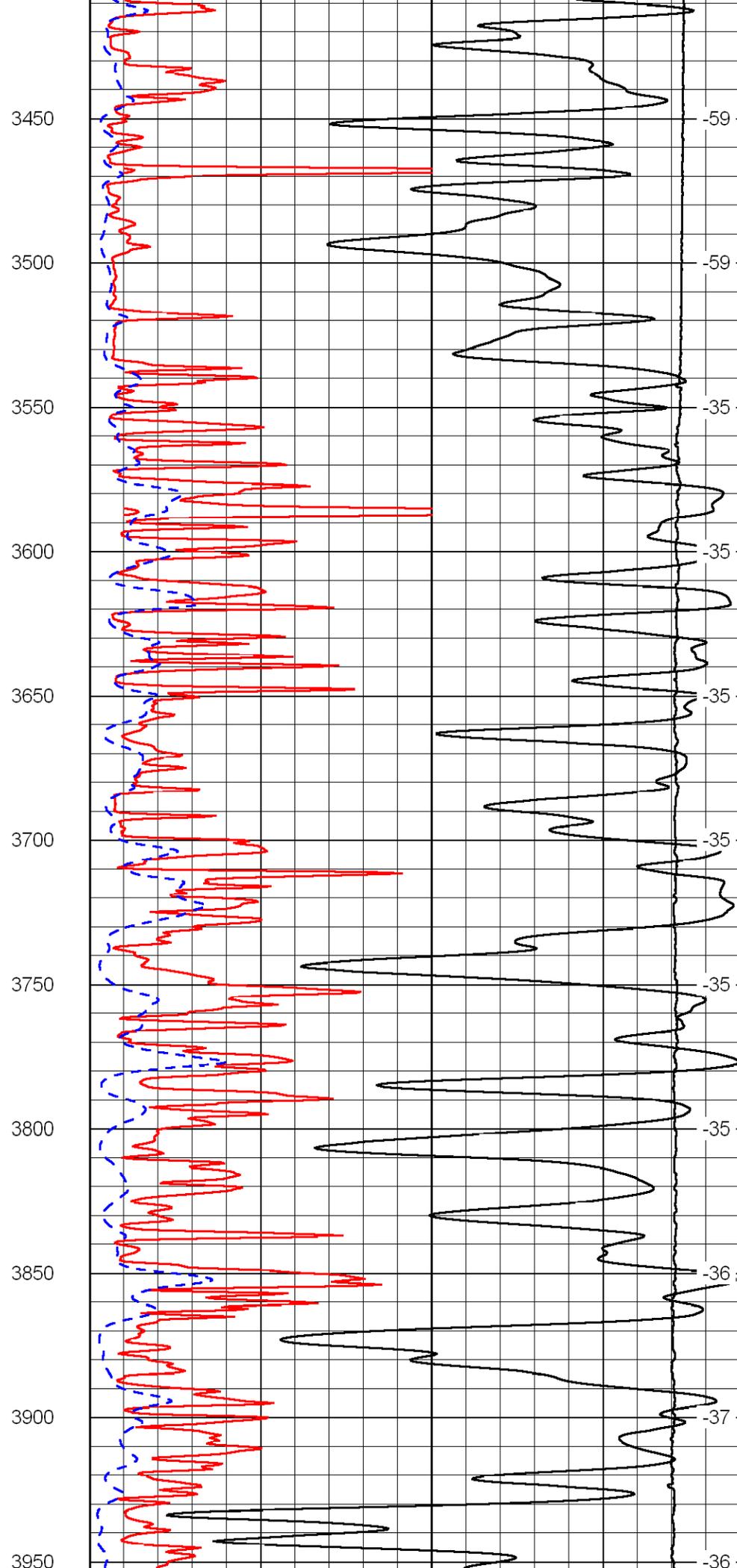
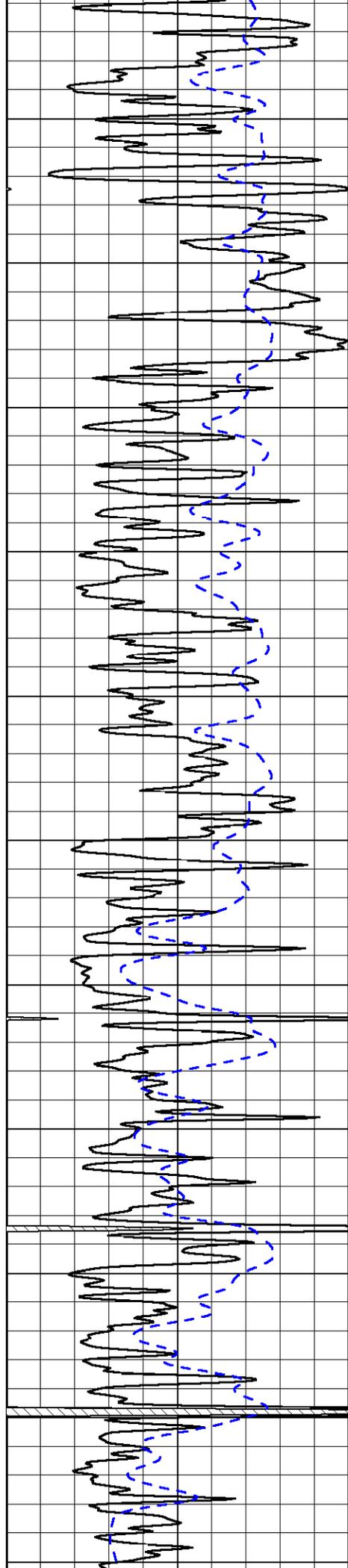
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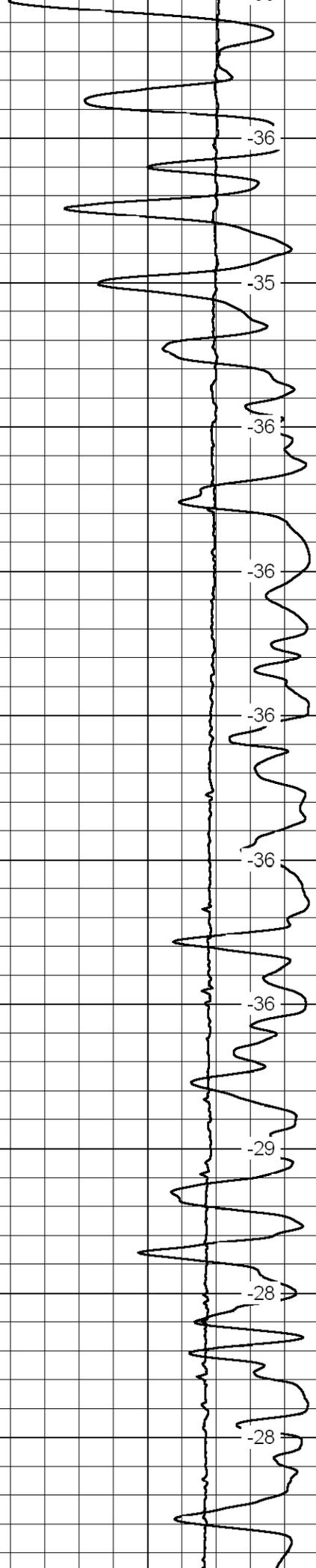
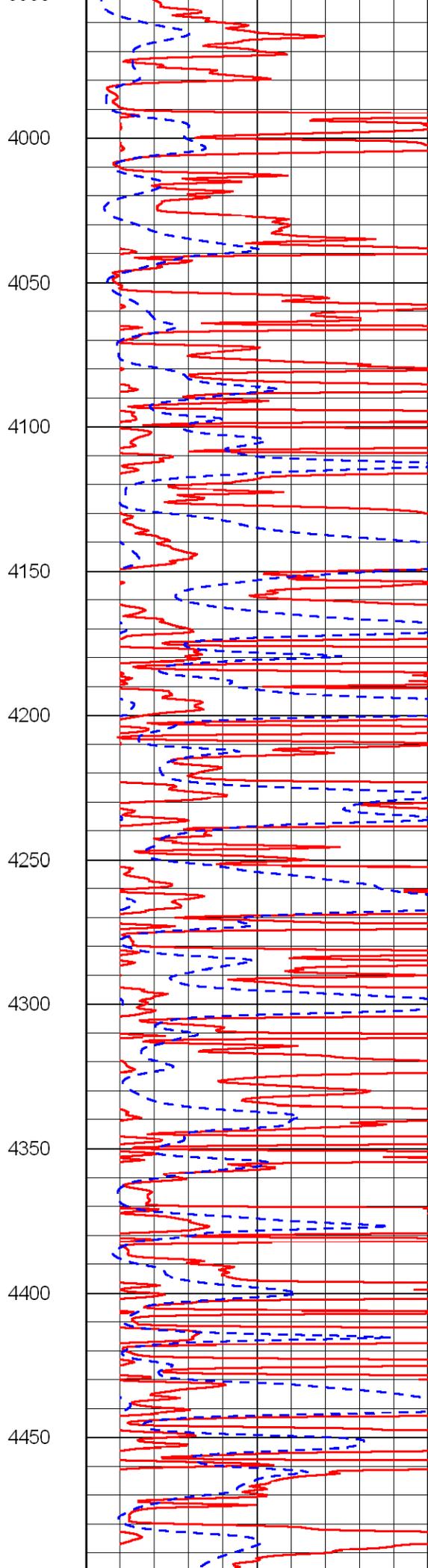
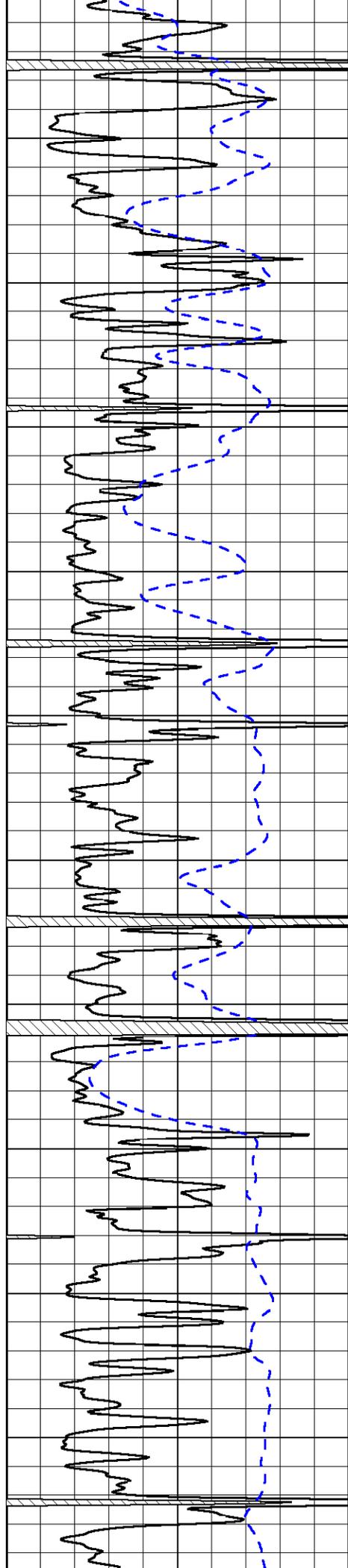


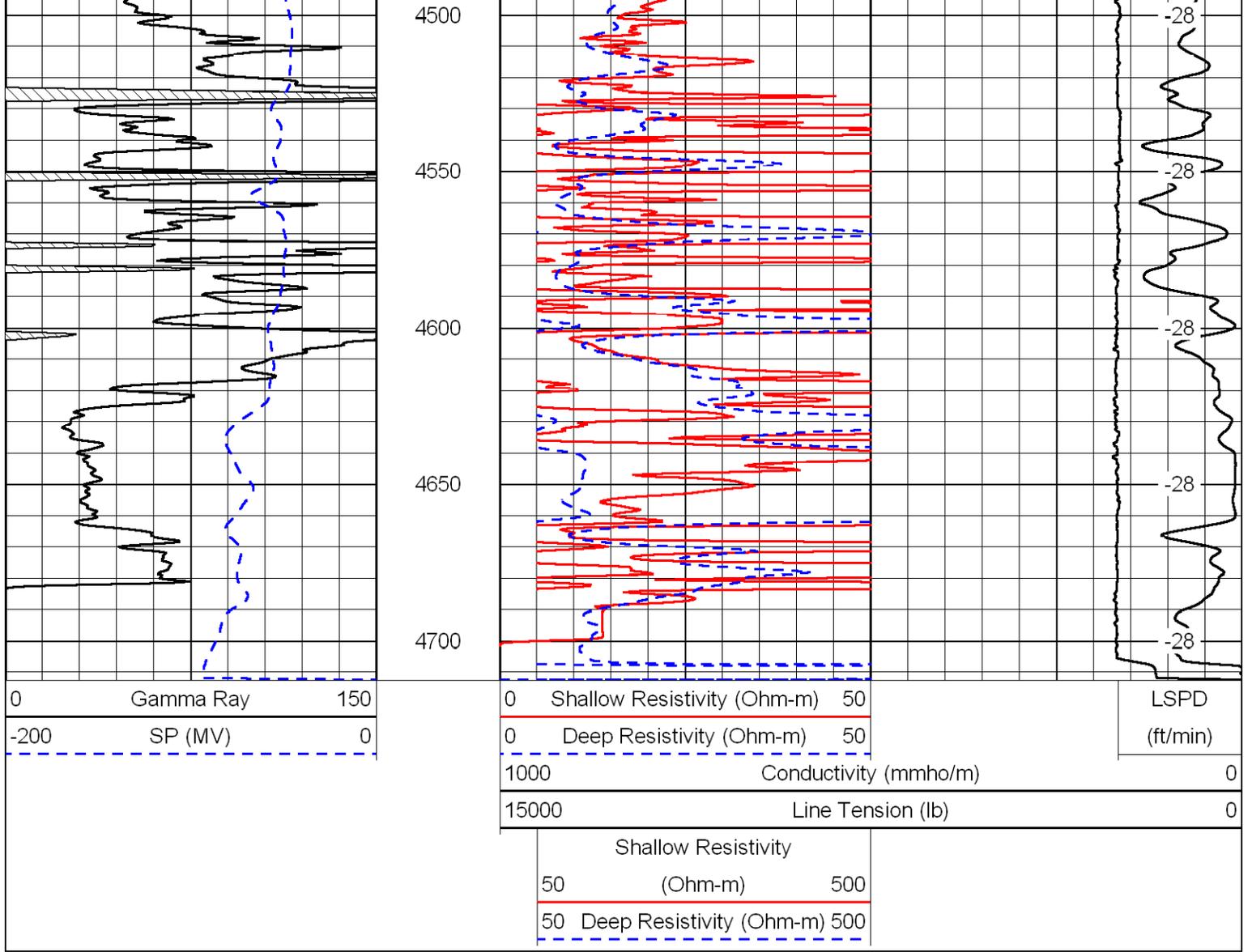




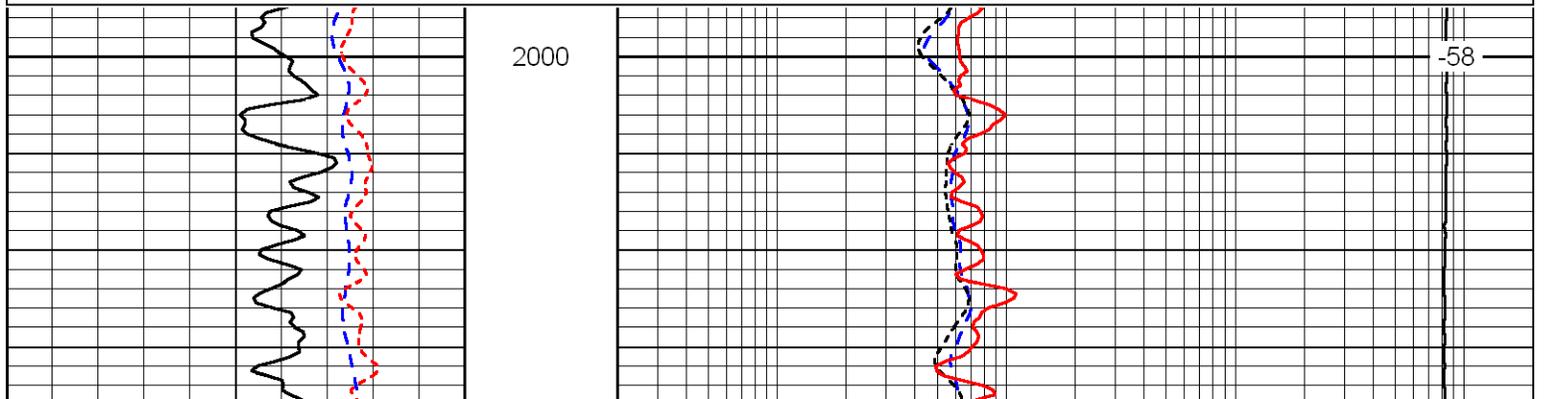
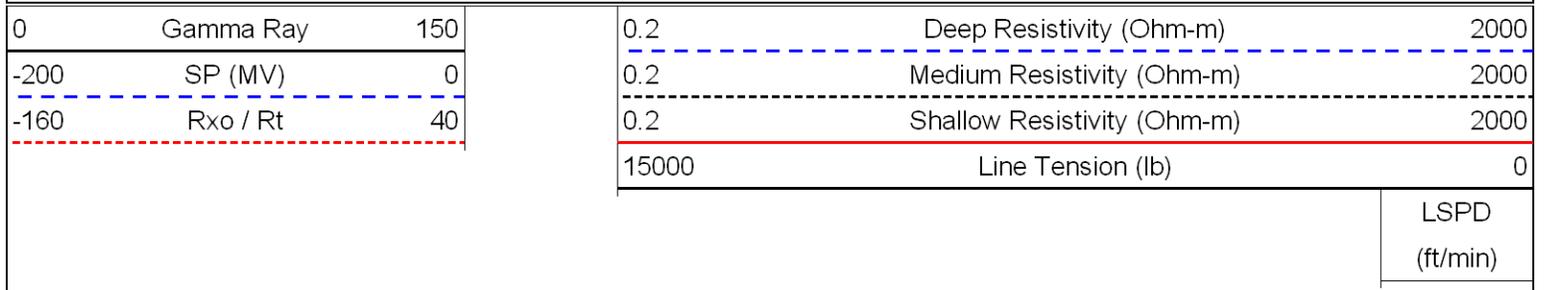


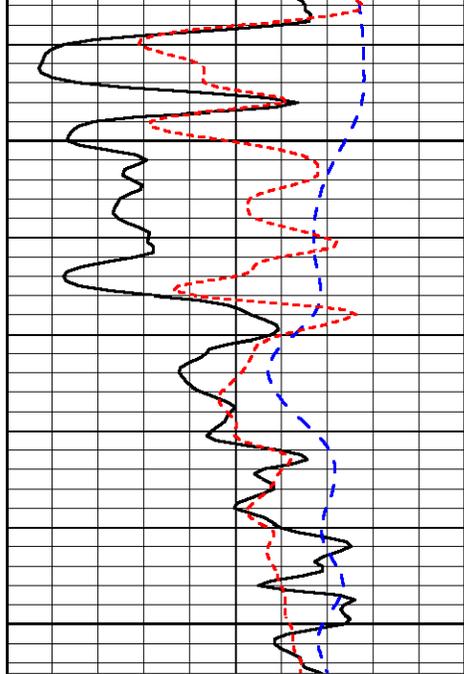






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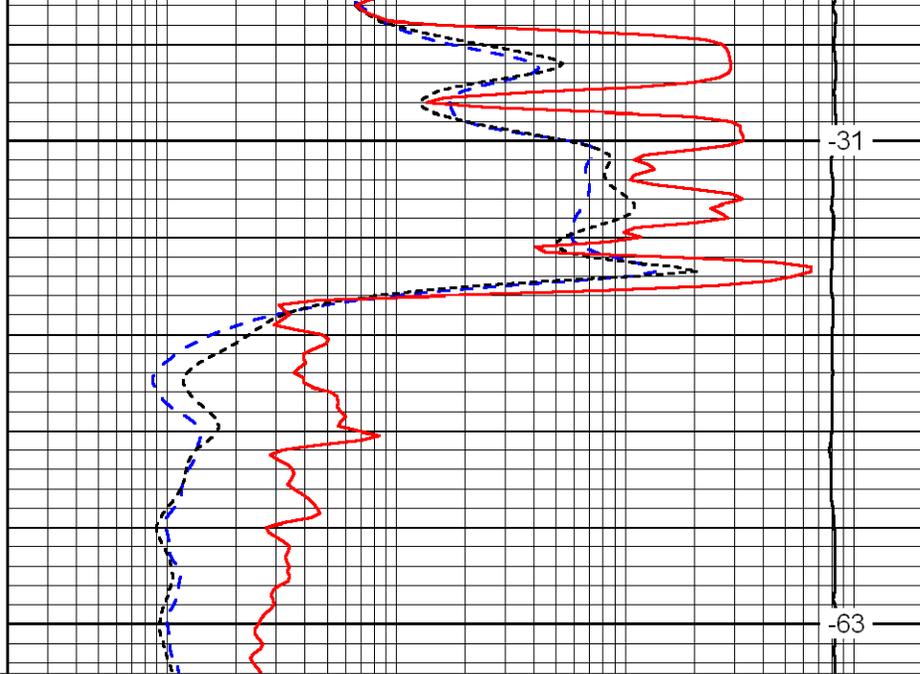




2050

2100

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



-31

-63

0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000
15000	Line Tension (lb)	0

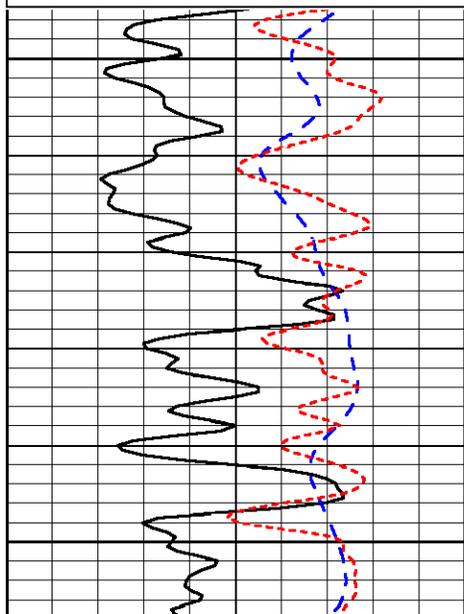
LSPD
(ft/min)

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

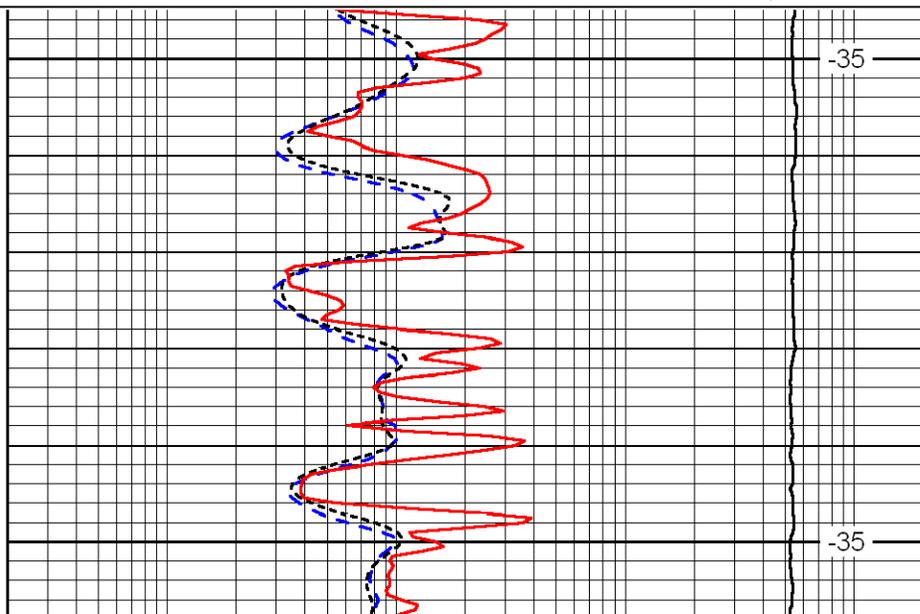
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15000	Line Tension (lb)	0

LSPD
(ft/min)



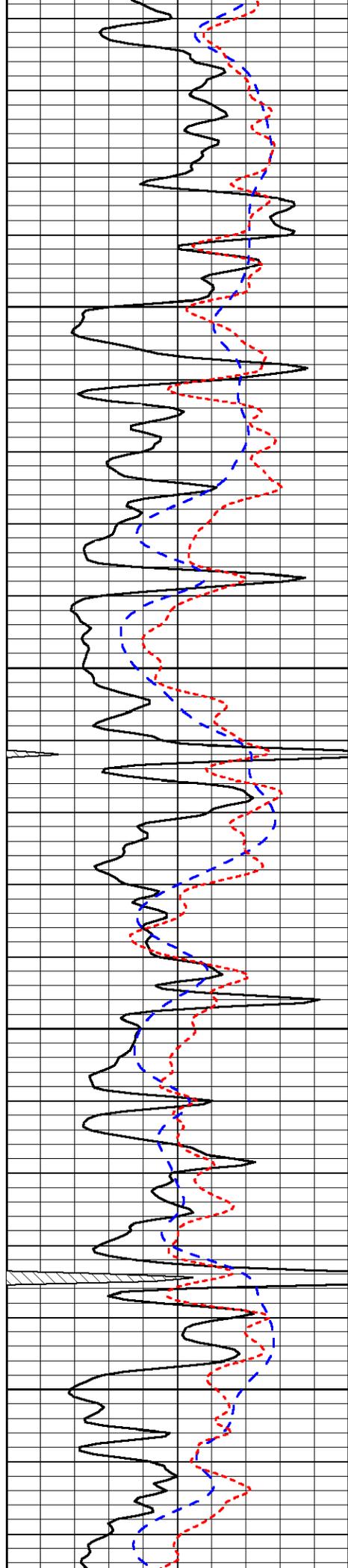
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3650



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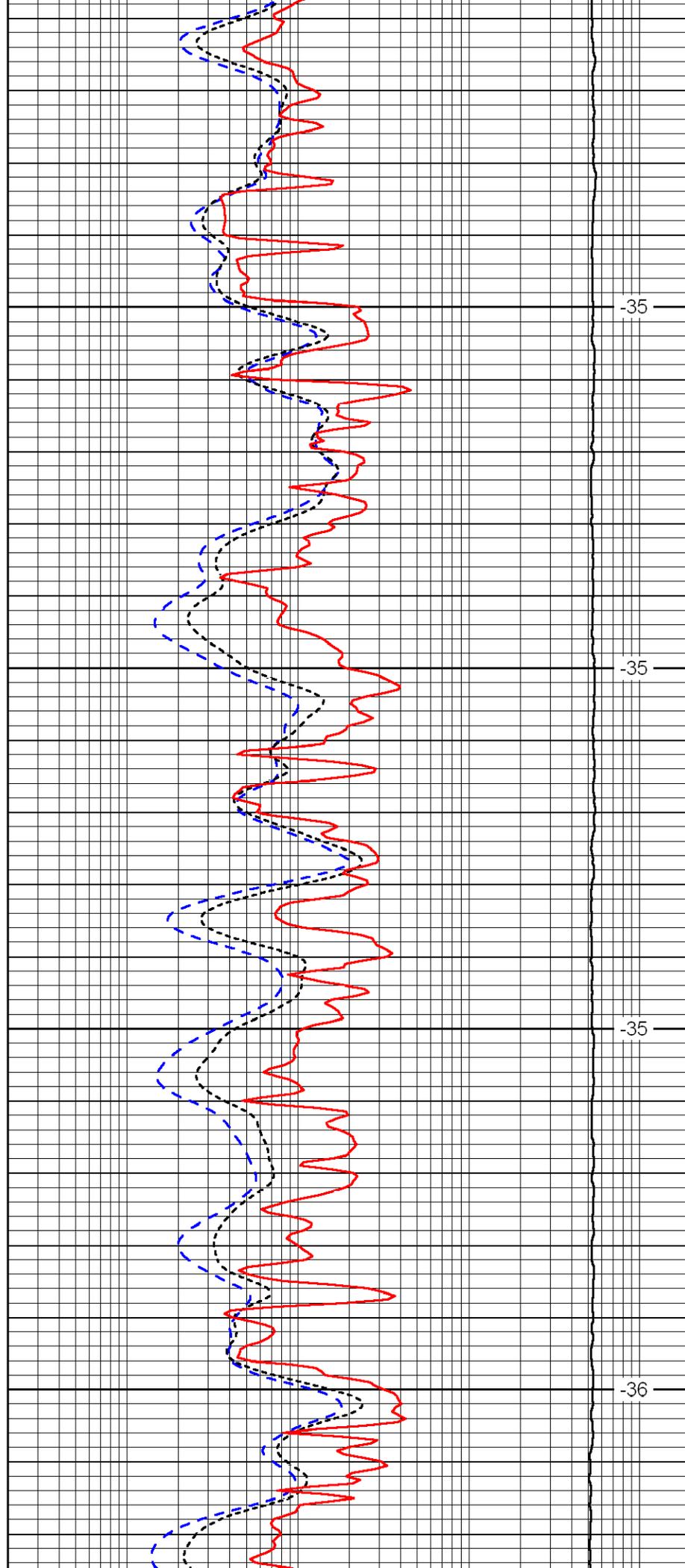


3700

3750

3800

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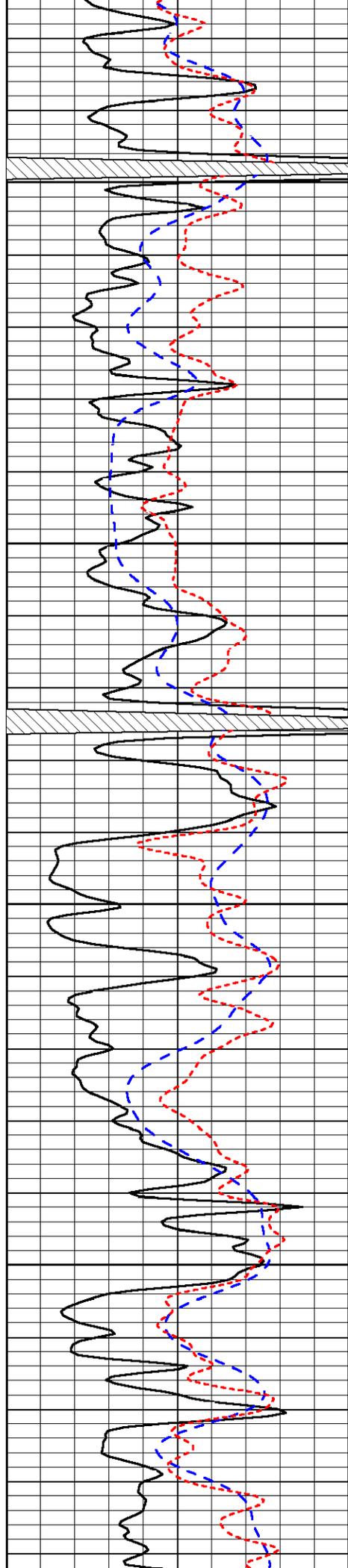


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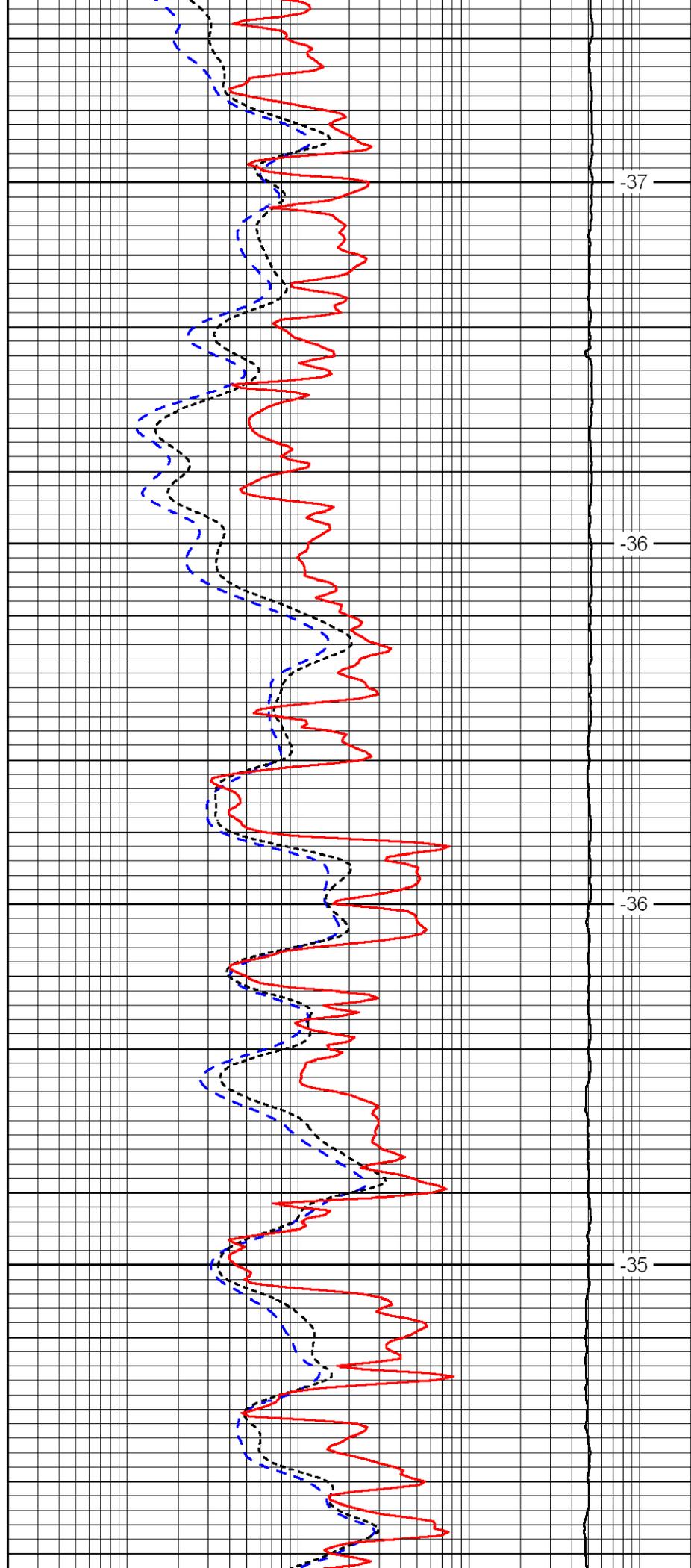


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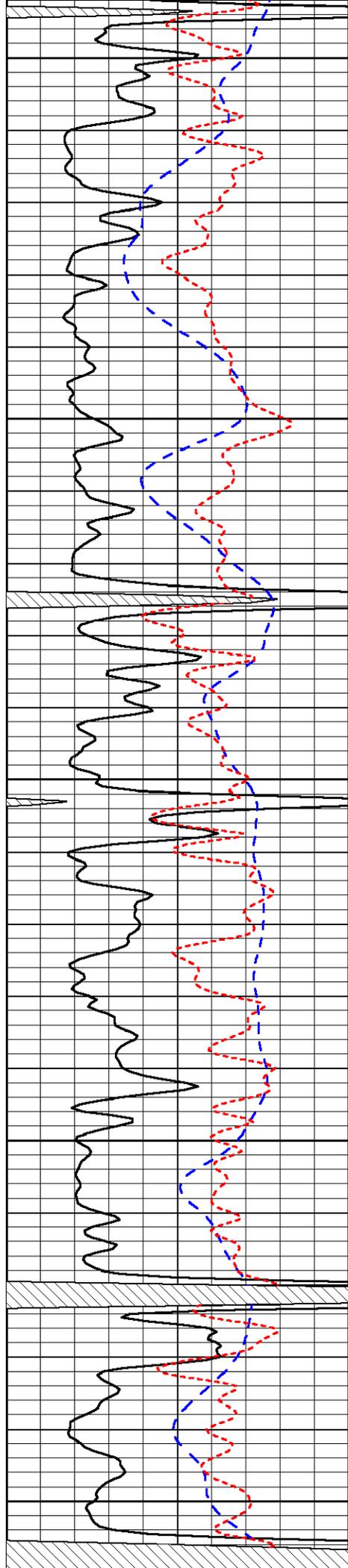


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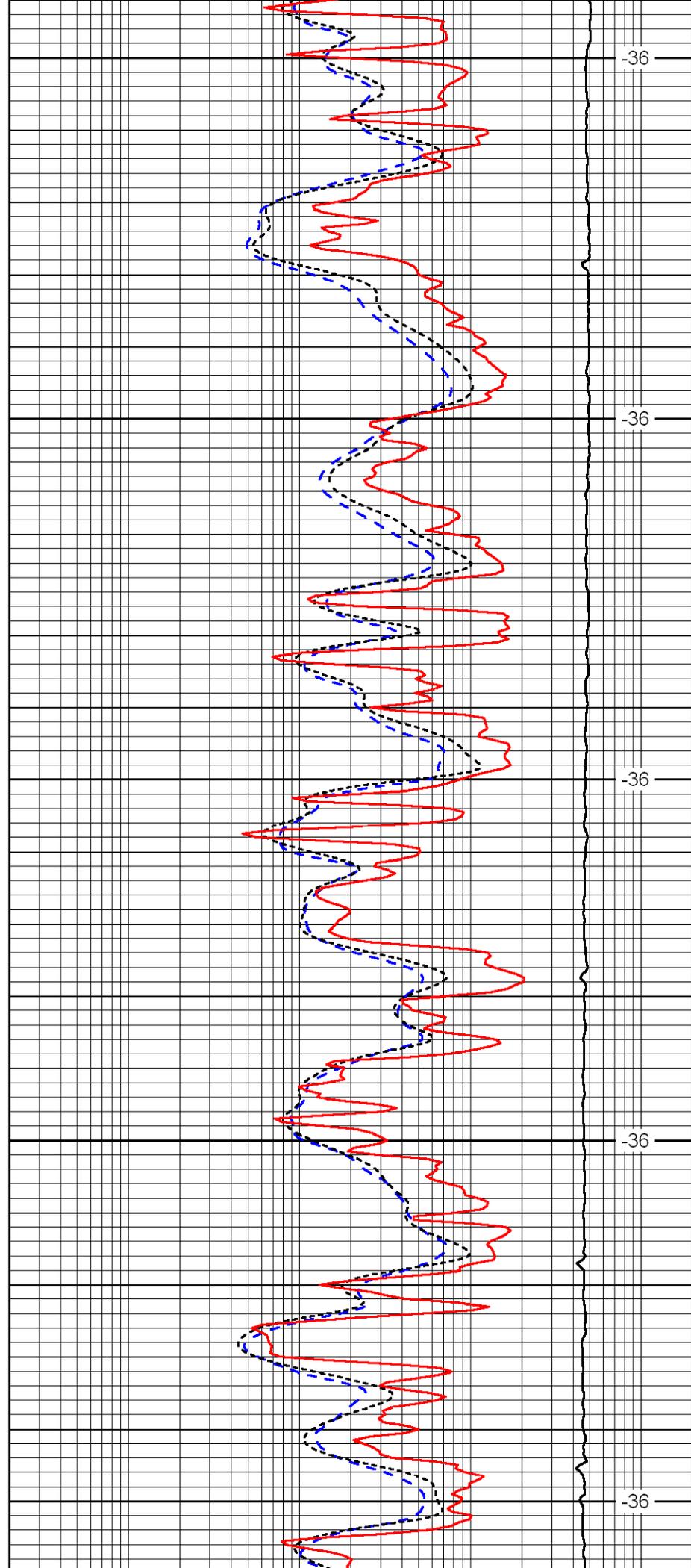
4100

4150

4200

4250

4300



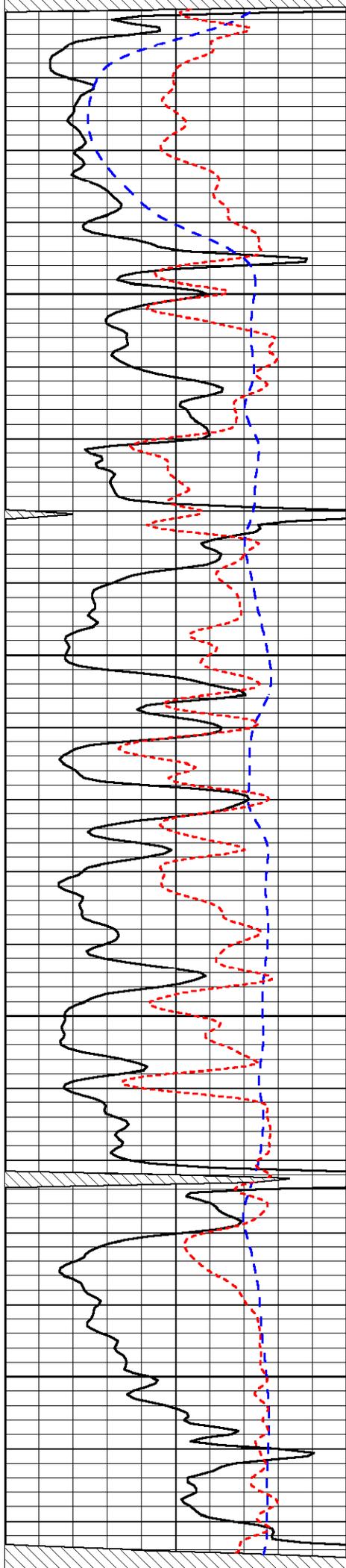
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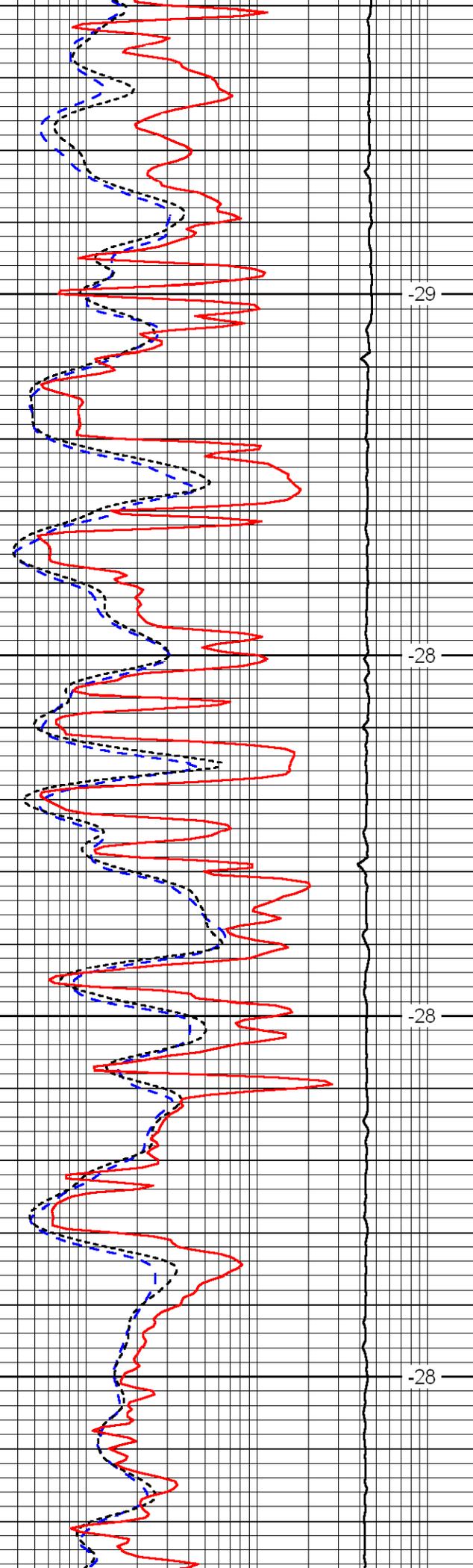


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4500

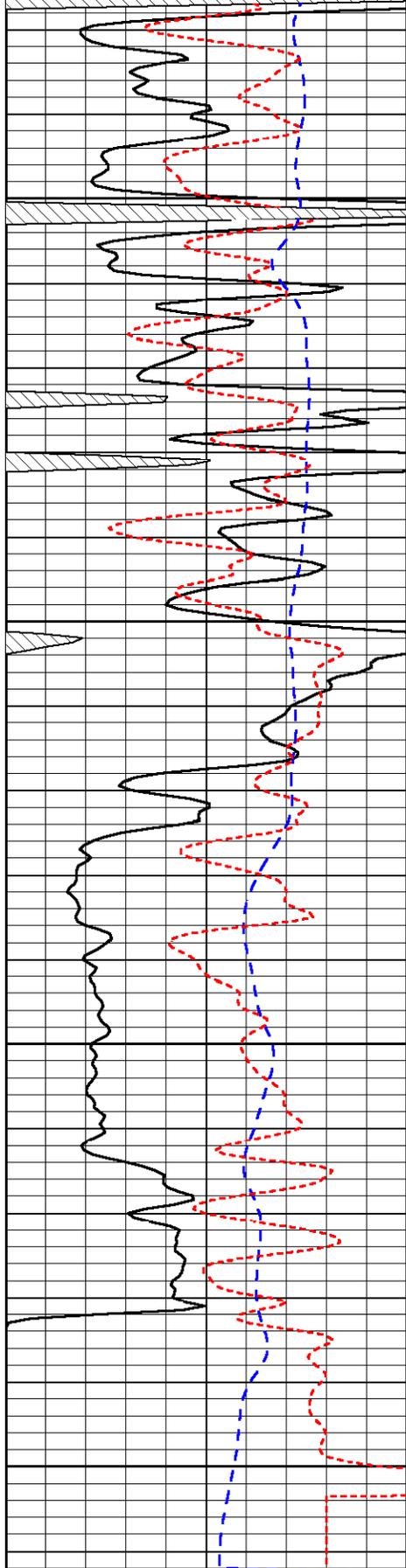


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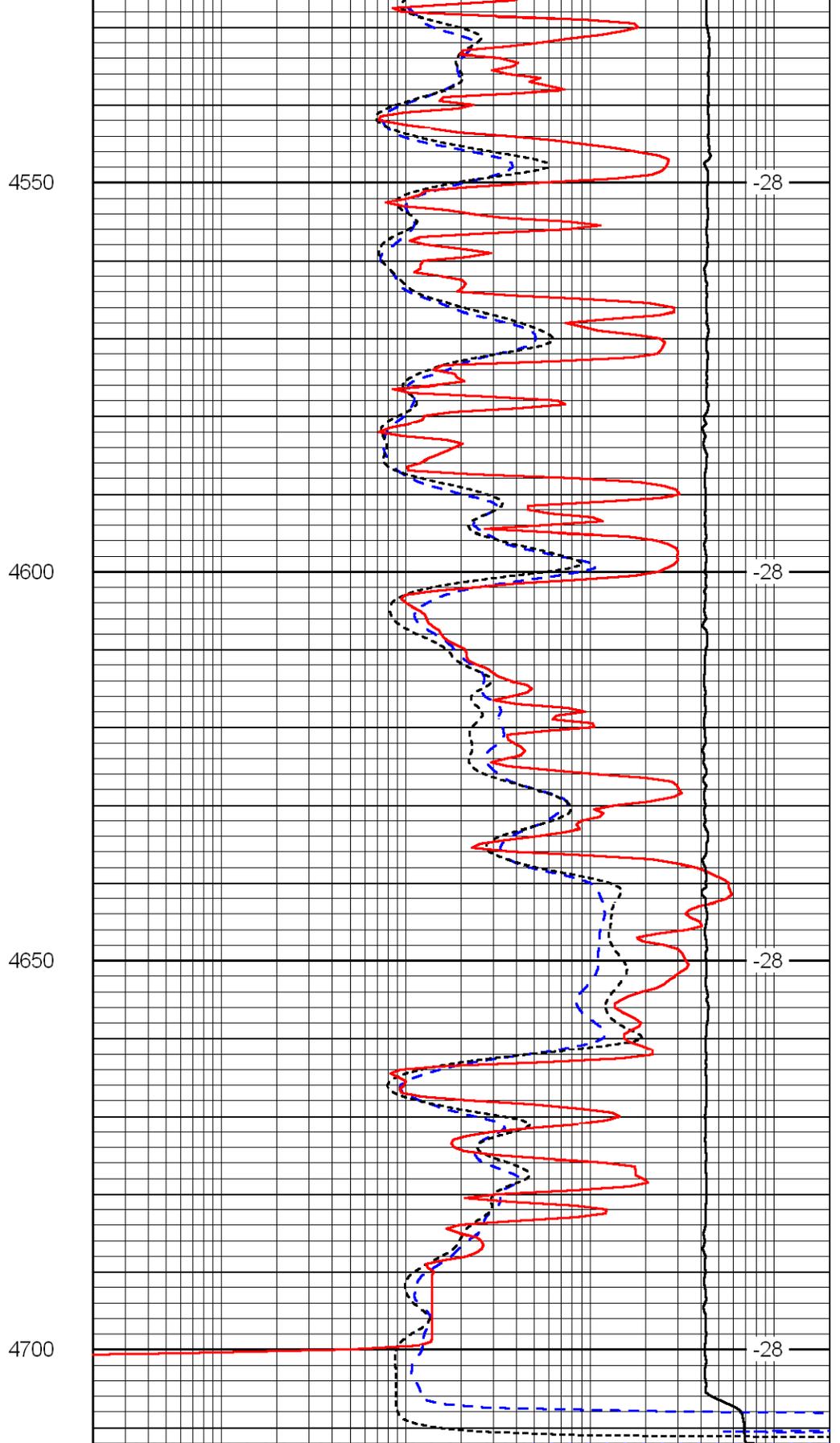
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-160	Rxo / Rt	40



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LSPD
(ft/min)