



# Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.

15-159-22,597-00-00

Company **Gilbert - Stewart Operating, LLC**

Well **Lincoln No. 1**

Field **Chase-Silica**

County **Rice** State **Kansas**

Location **1730' FNL & 440' FEL**

Sec: **5** Twp: **19 S** Rge: **9 W**

Other Services  
CNL/CDL  
MEL/BHCS

Permanent Datum **Groun Level** Elevation **1703**

Log Measured From **Kelly Bushing** 8 Ft. Above Perm. Datum

Drilling Measured From **Kelly Bushing** K.B. 1711  
D.F. 1703  
G.L. 1703

Date	10/07/2009
Run Number	One
Depth Driller	3375
Depth Logger	3366
Bottom Logged Interval	3365
Top Log Interval	00
Casing Driller	8.625 @ 294
Casing Logger	294
Bit Size	7.875
Type Fluid in Hole	Chemical
Salinity, ppm CL	7.600
Density / Viscosity	9.3 56
pH / Fluid Loss	11.5 8.0
Source of Sample	Flowline
Rm @ Meas. Temp	.40 @ 68
Rmf @ Meas. Temp	.3 @ 68
Rmc @ Meas. Temp	.54 @ 68
Source of Rmf / Rmc	Charts
Rm @ BHT	.24 @ 112
Operating Rig Time	4 1/2 Hours
Max Rec. Temp. F	112
Equipment Number	4
Location	Hays
Recorded By	K. Bange
Witnessed By	Adam Kennedy

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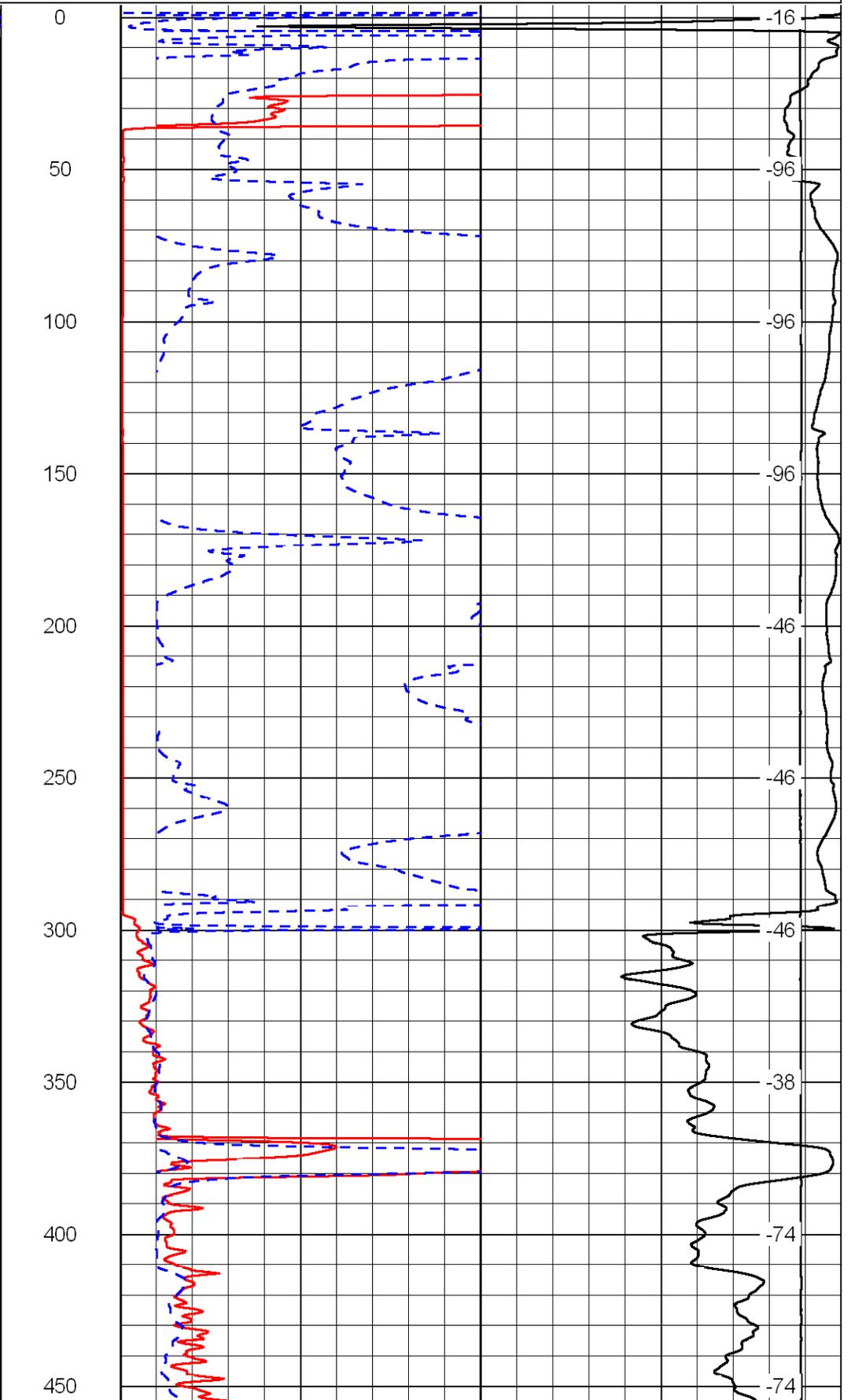
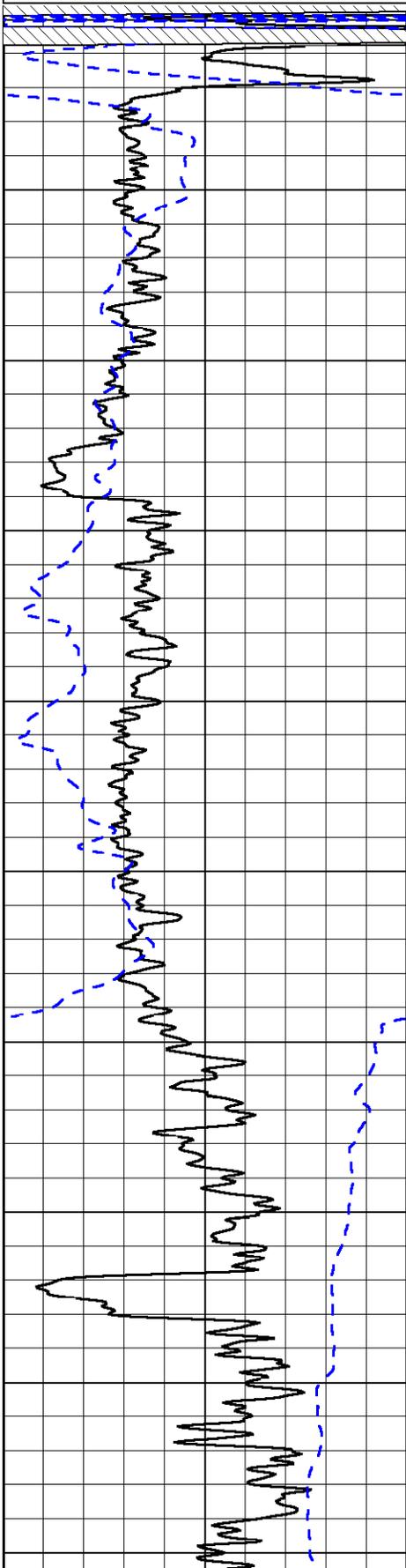
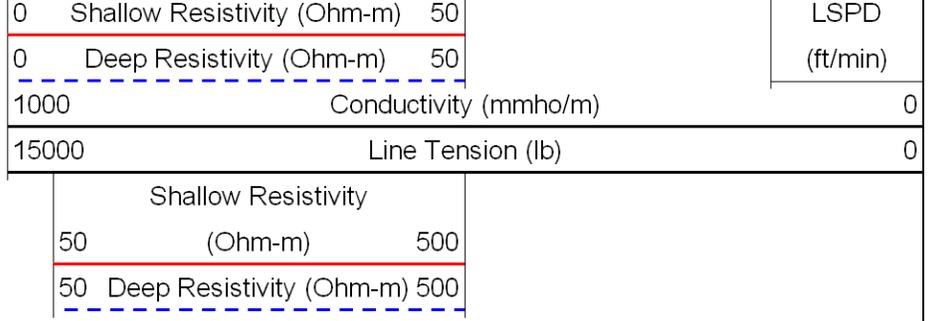
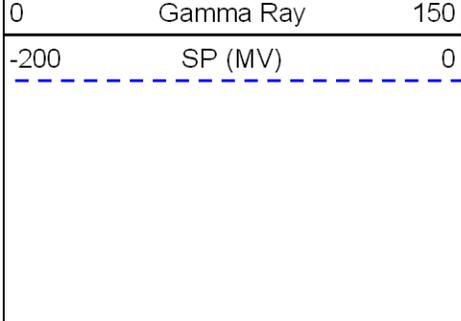
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

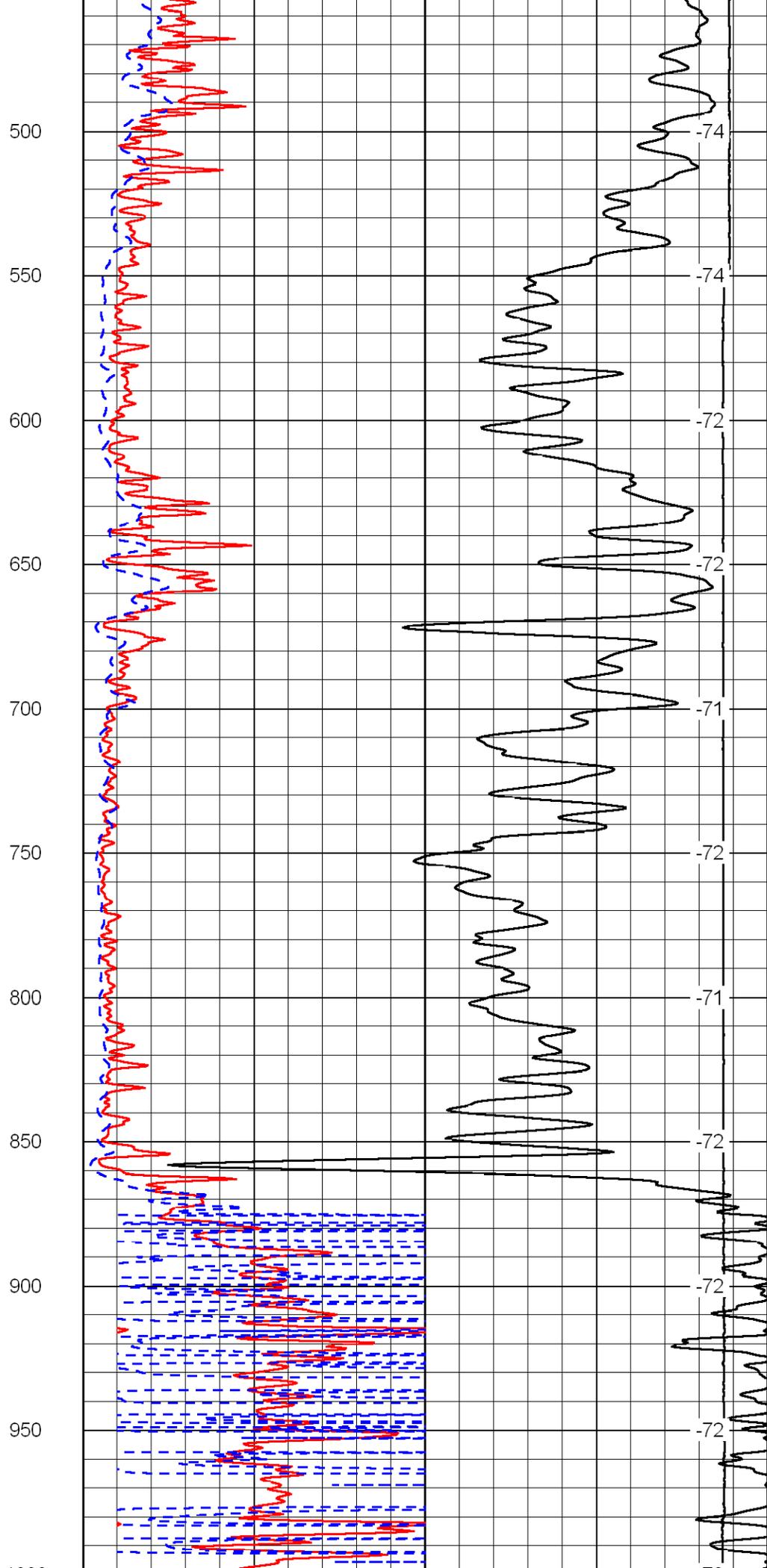
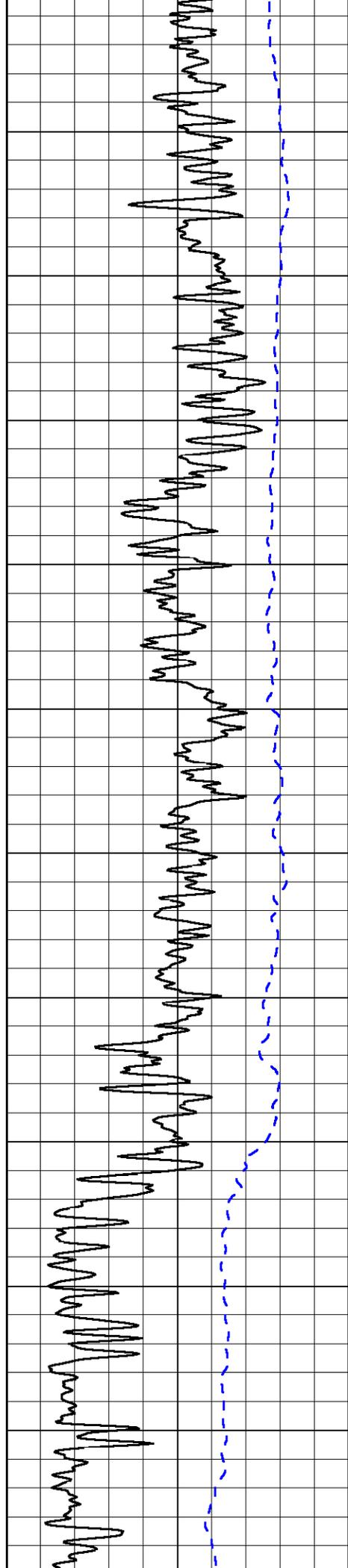
## Comments

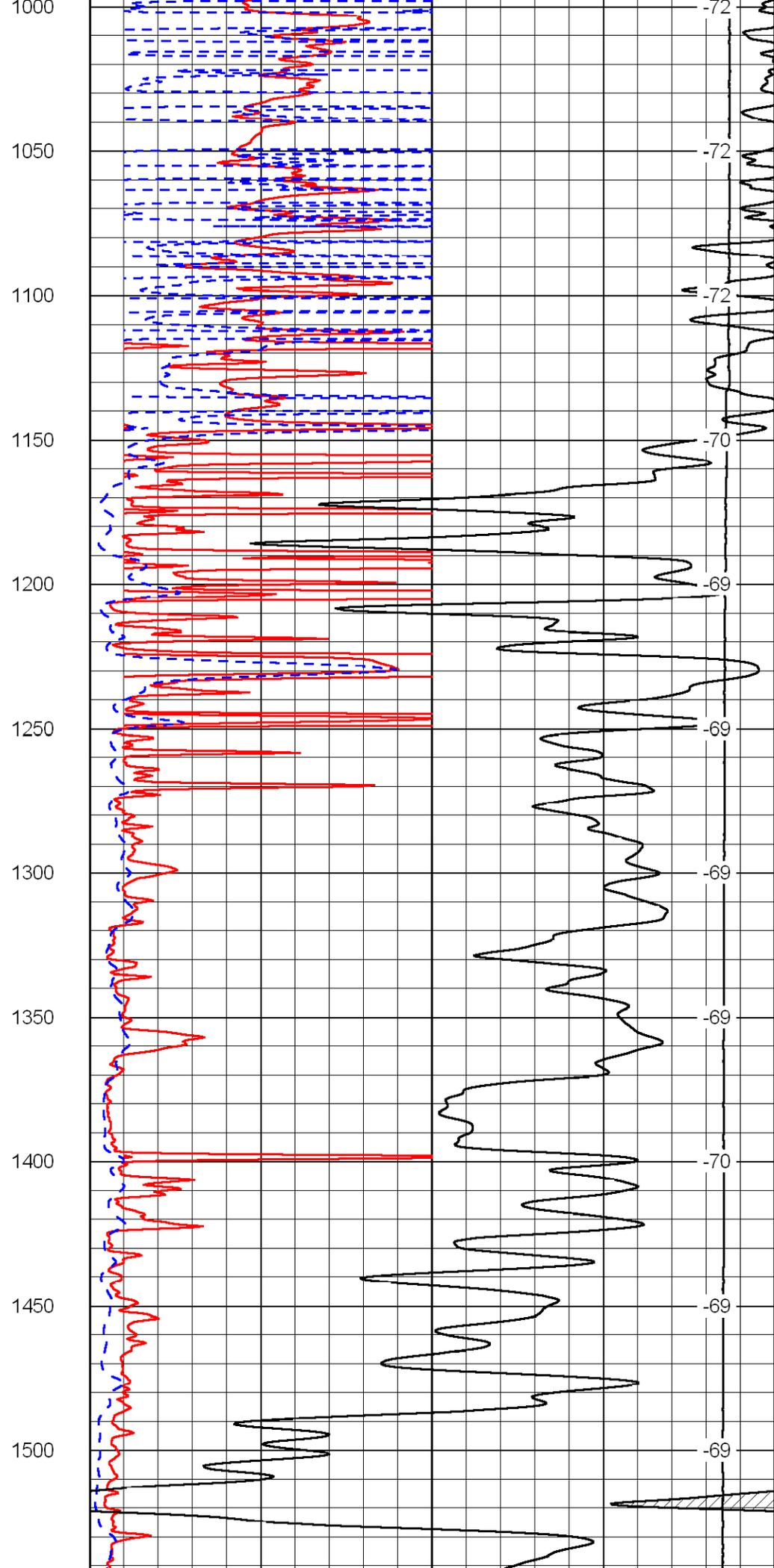
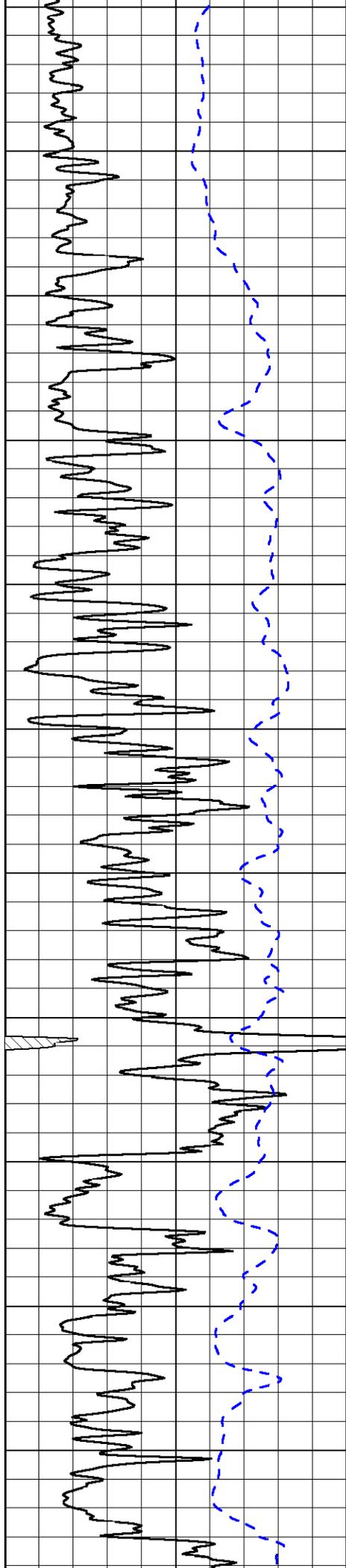
Thank you for using Log-Tech, Inc.  
(785) 625-3858

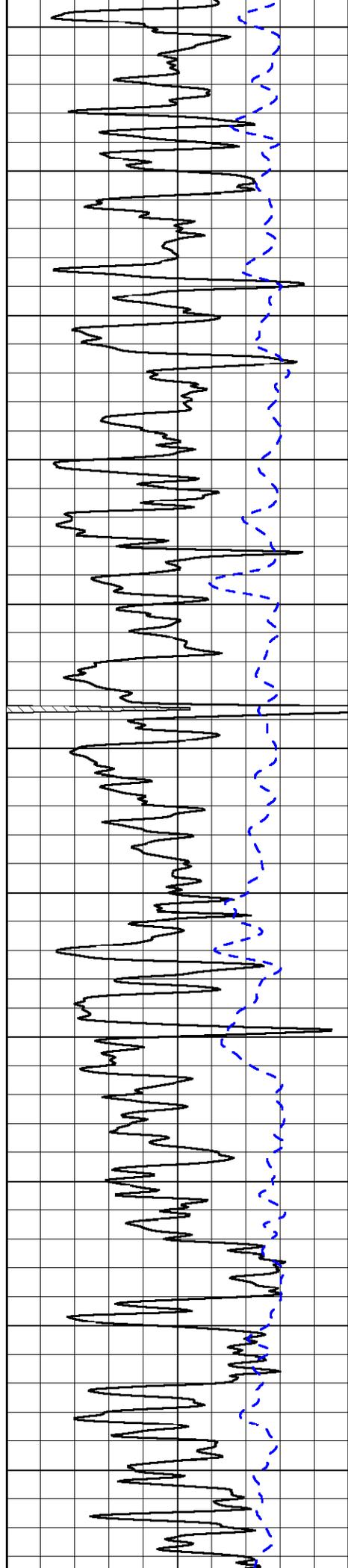
Bushton, S on 8 rd to G rd, 1 1/2 E, S into

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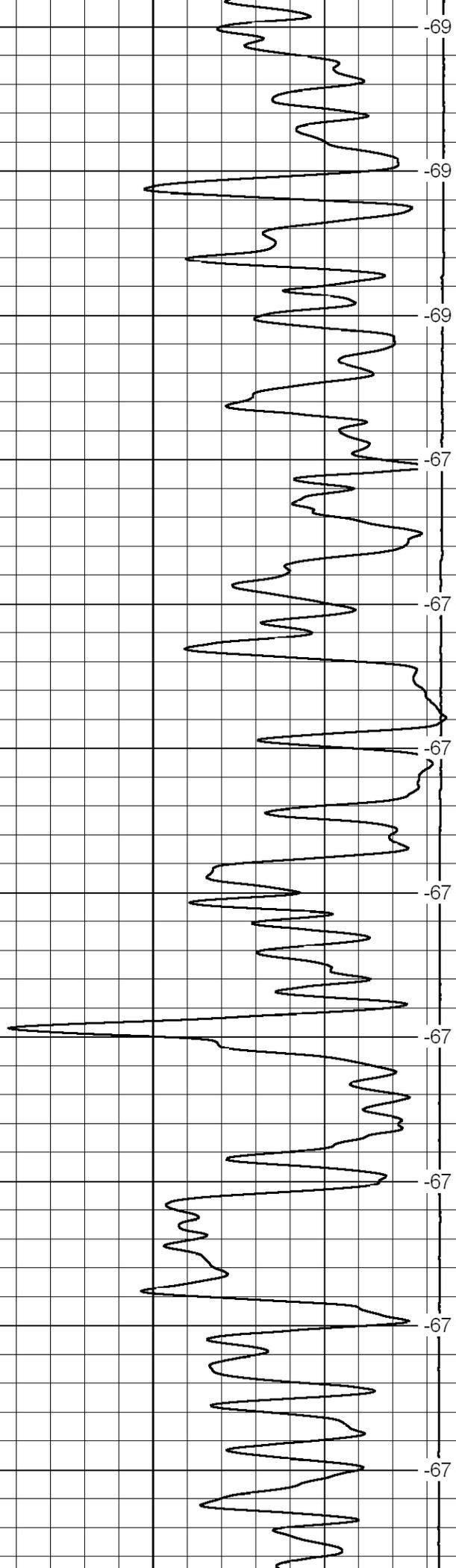
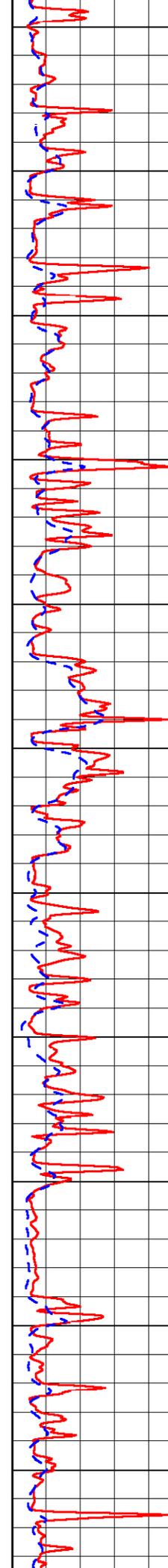




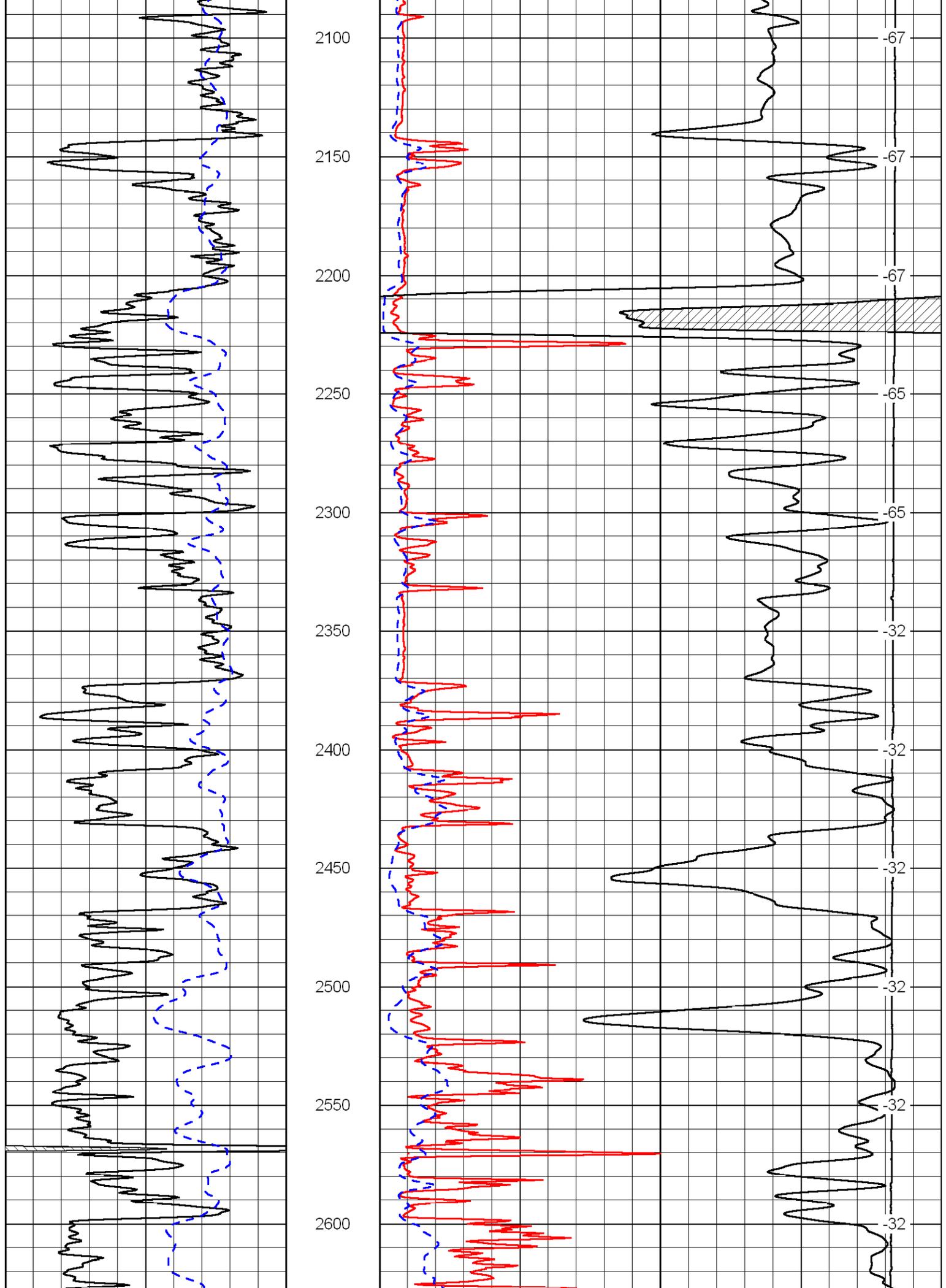


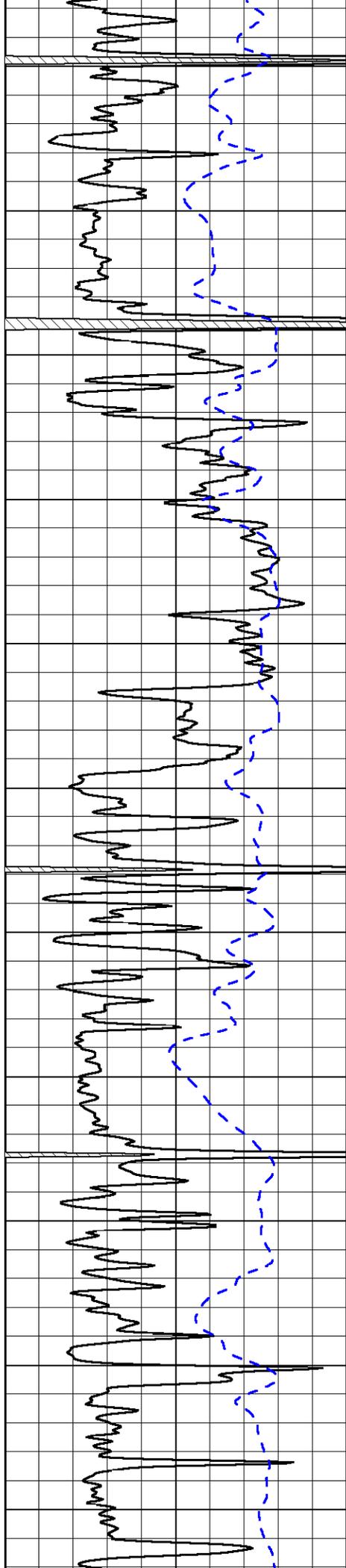


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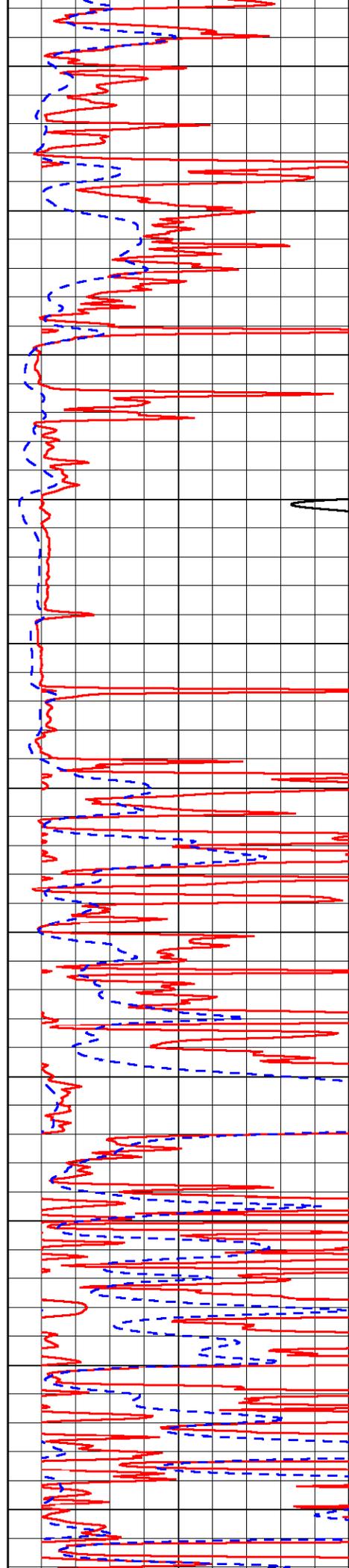
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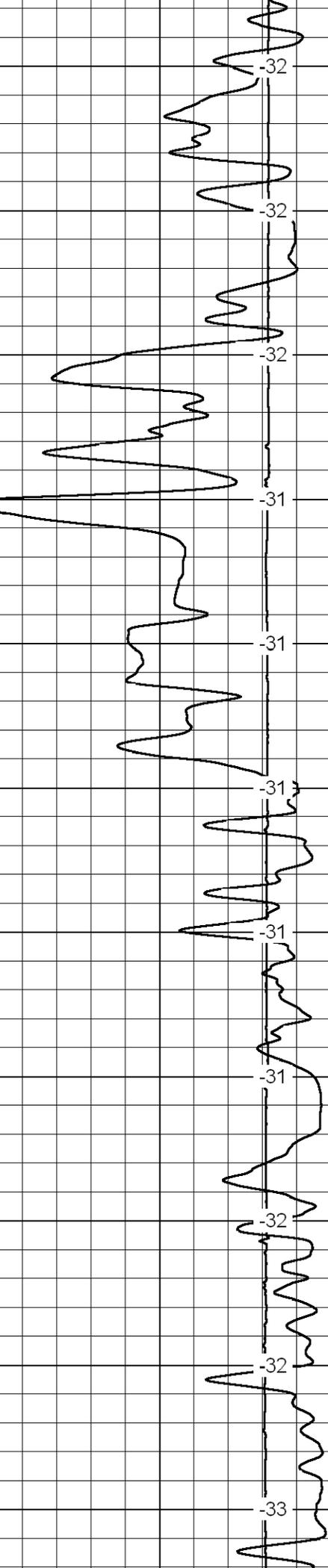
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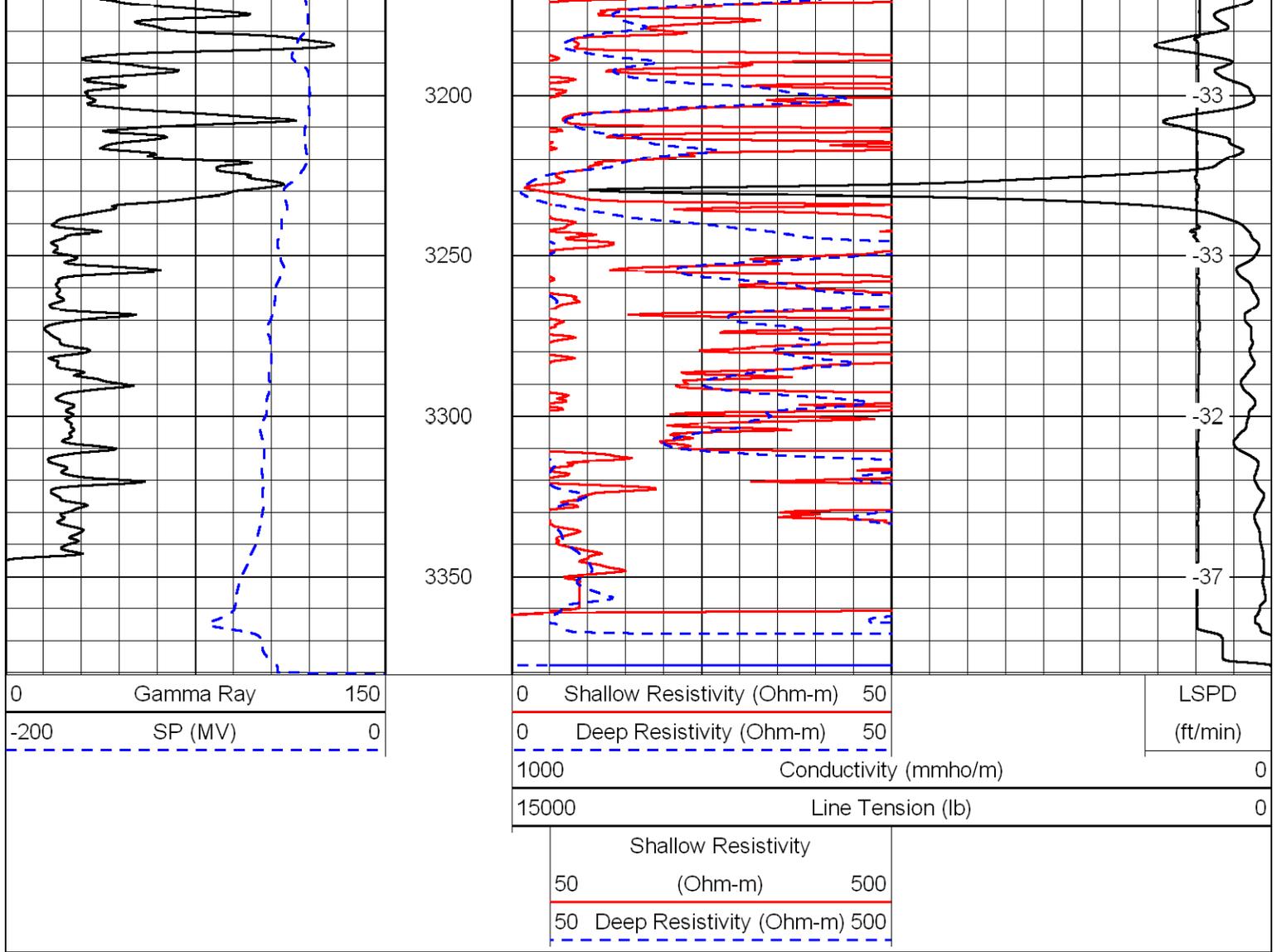
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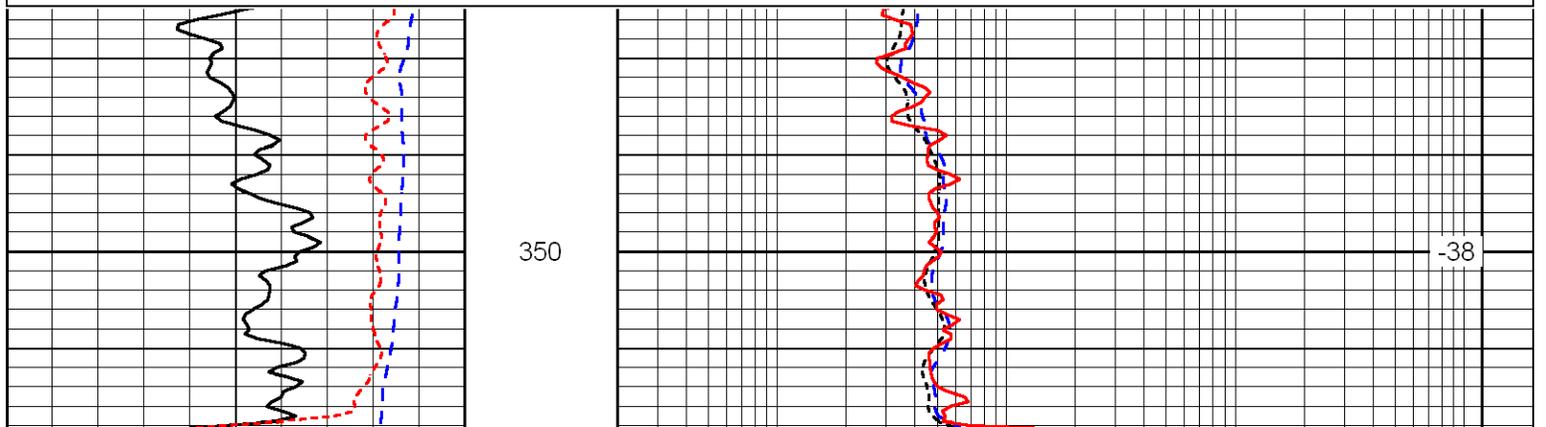
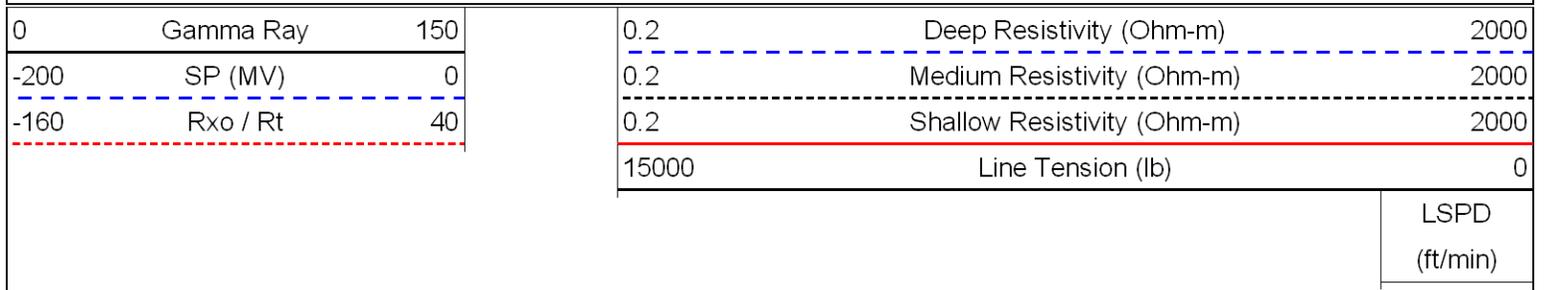
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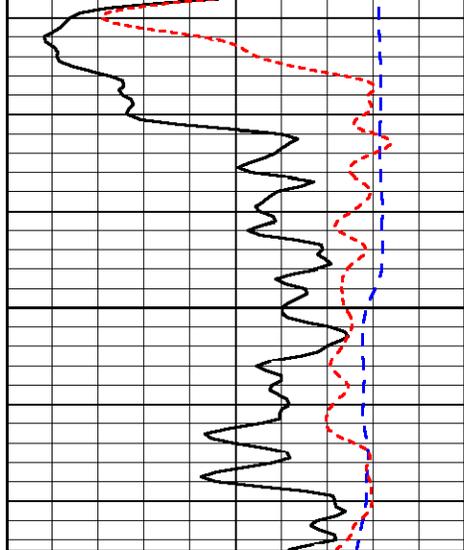
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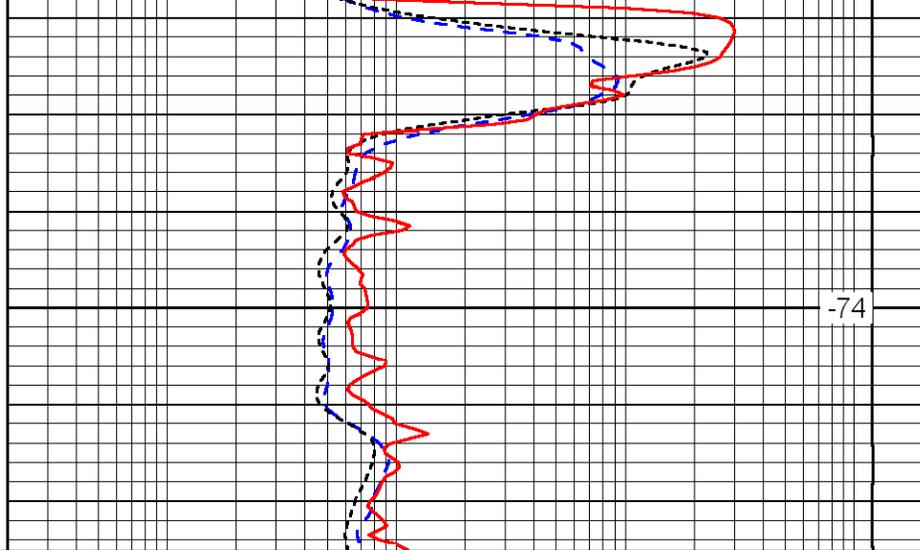


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 Charted by: Depth in Feet scaled 1:240





400



-74

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

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

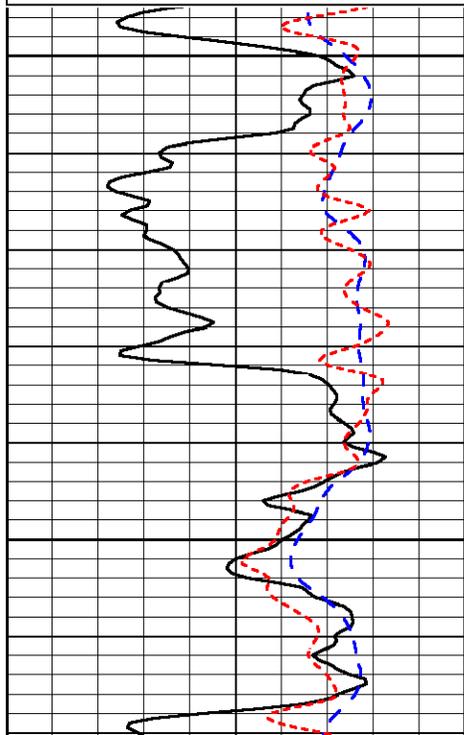
LSPD  
(ft/min)

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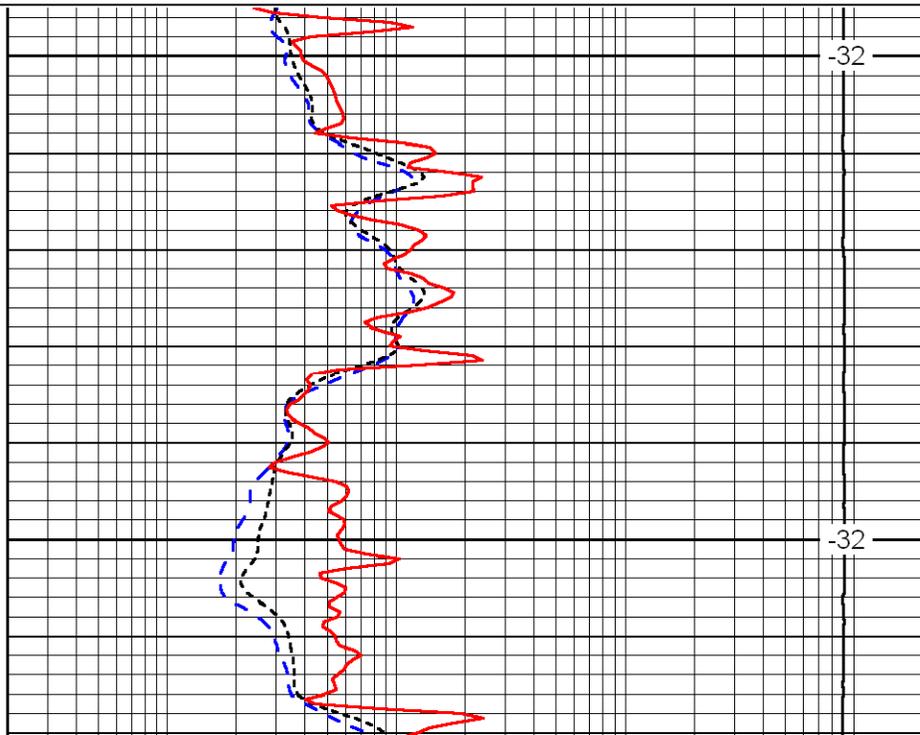
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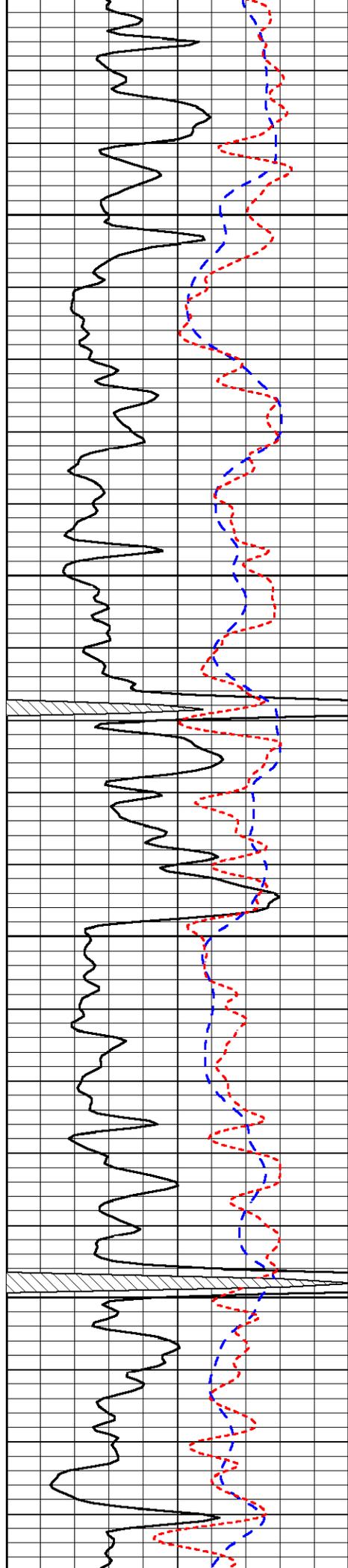
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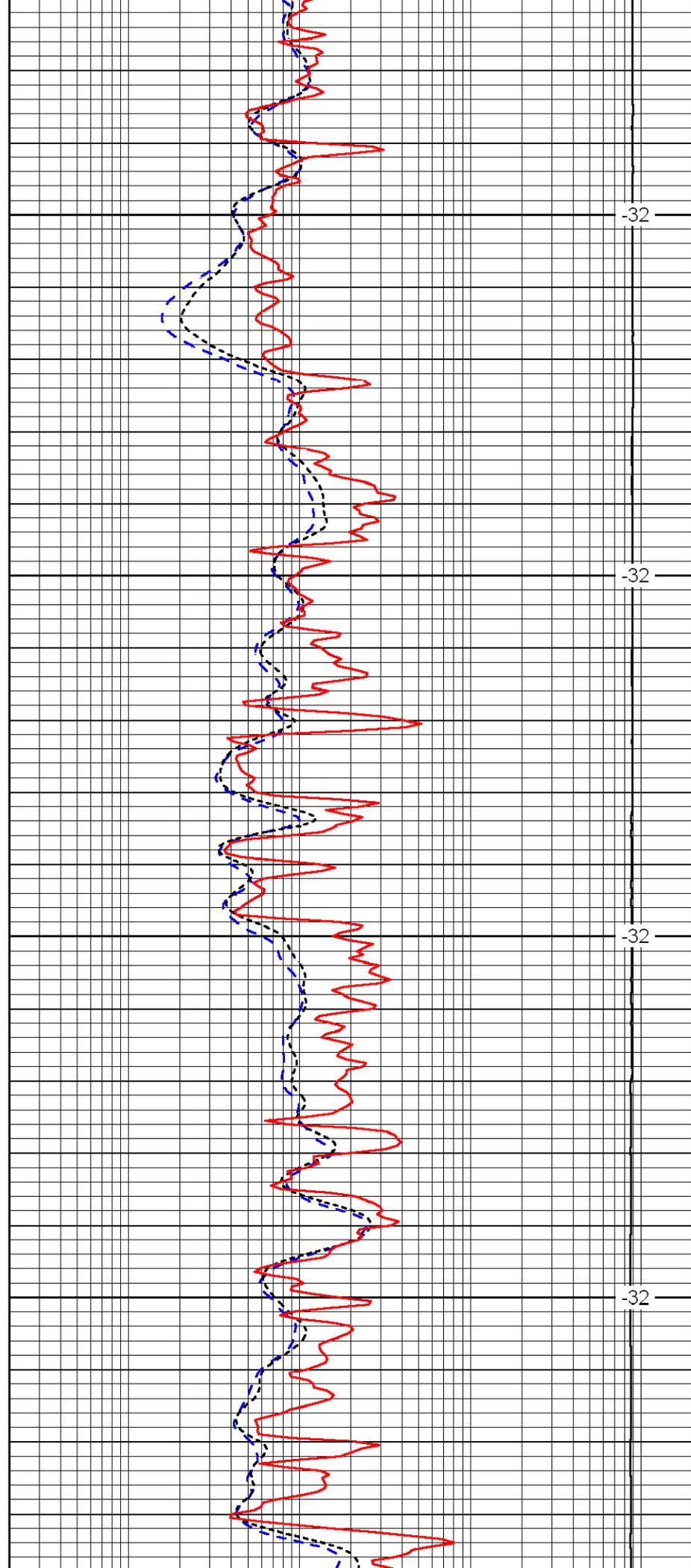


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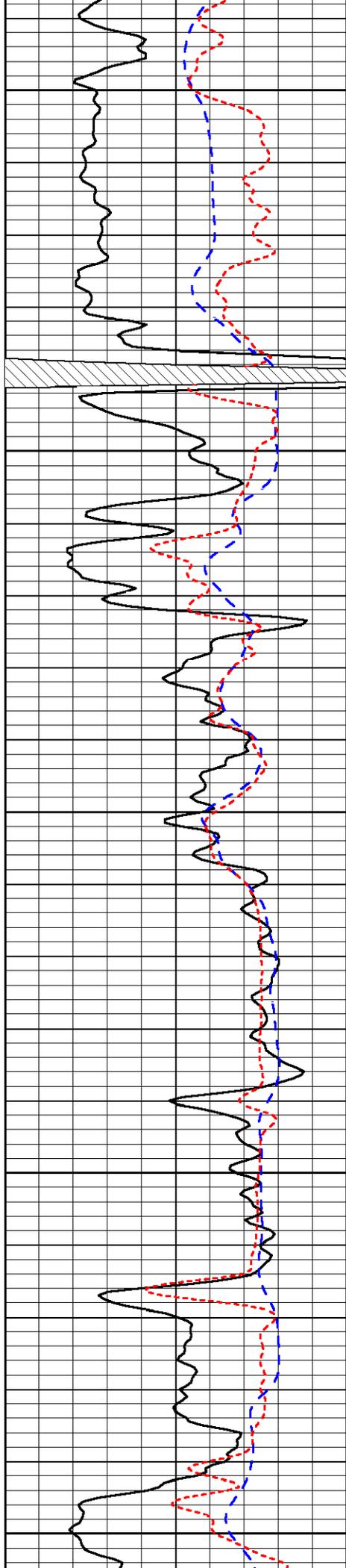


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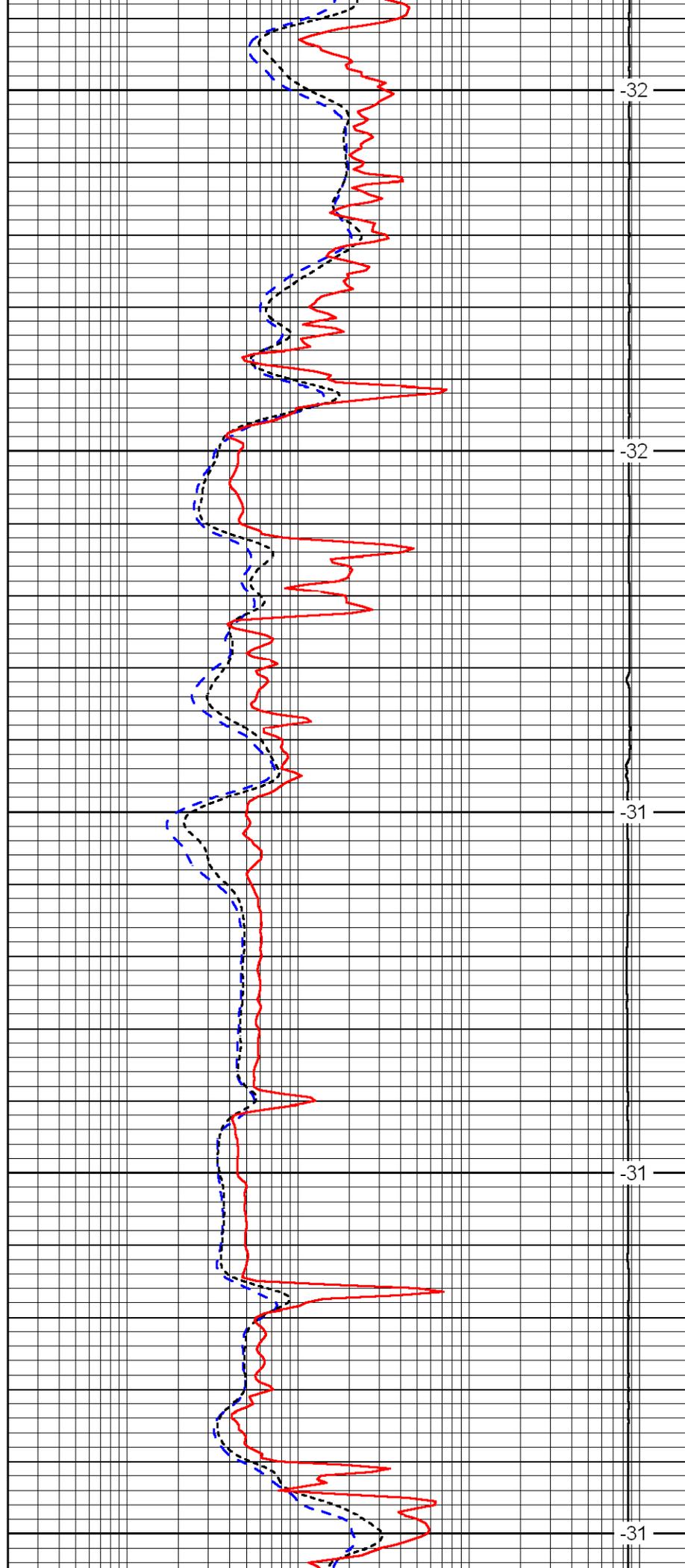
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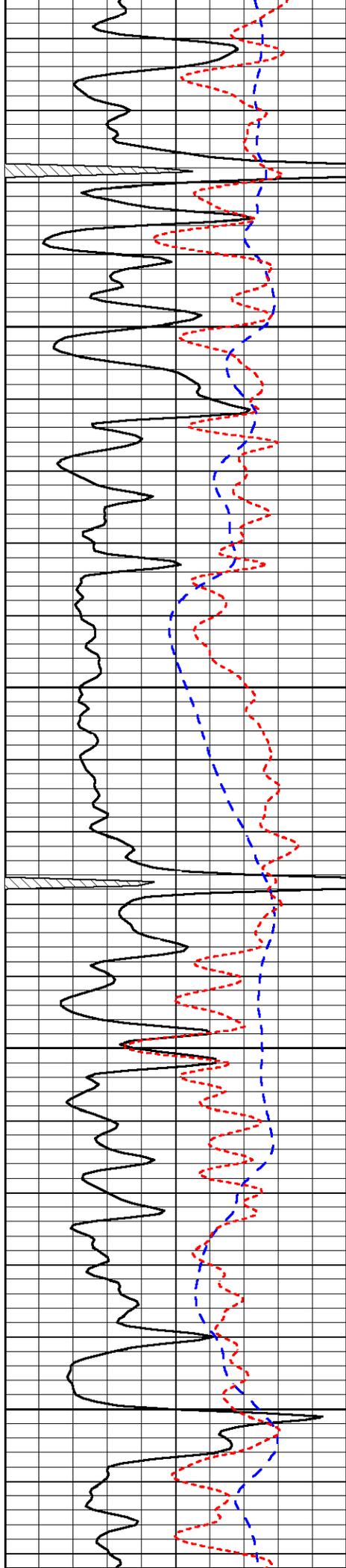
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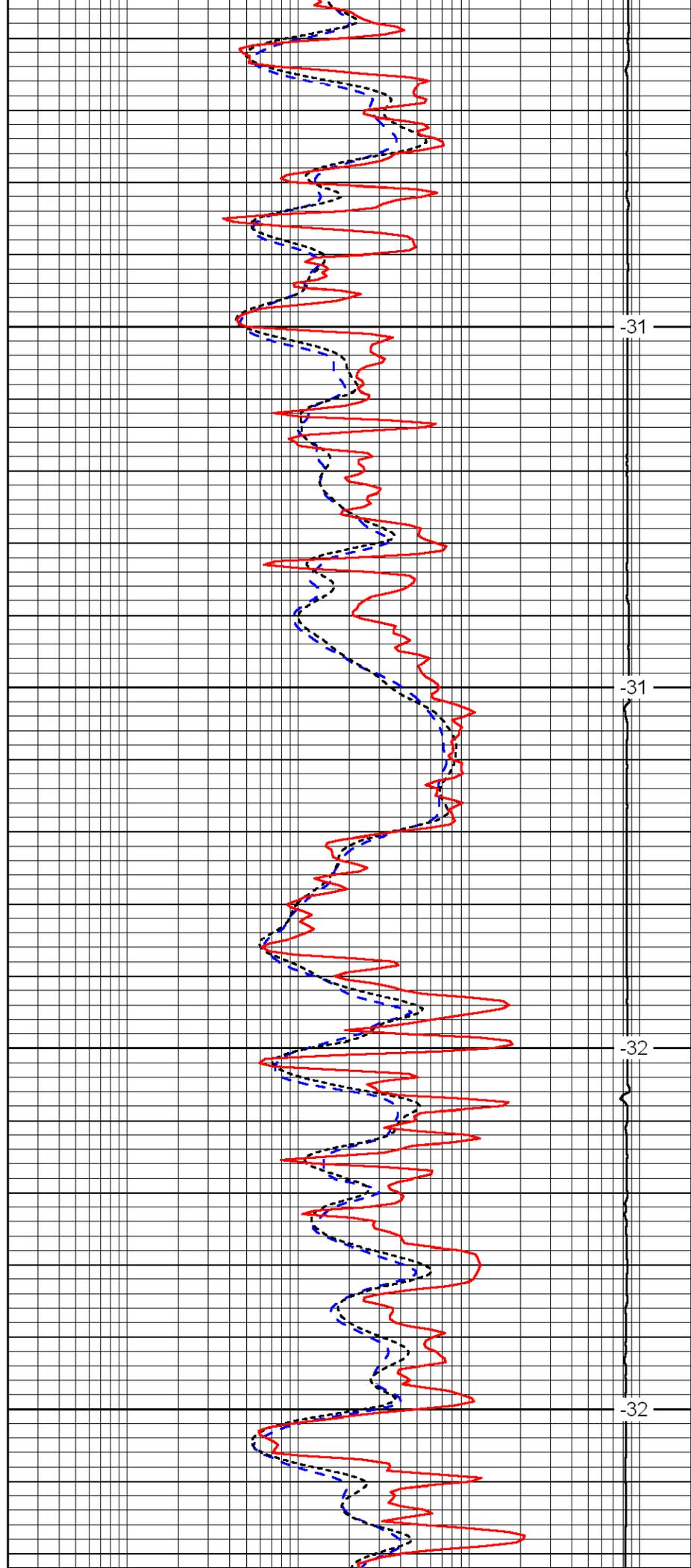


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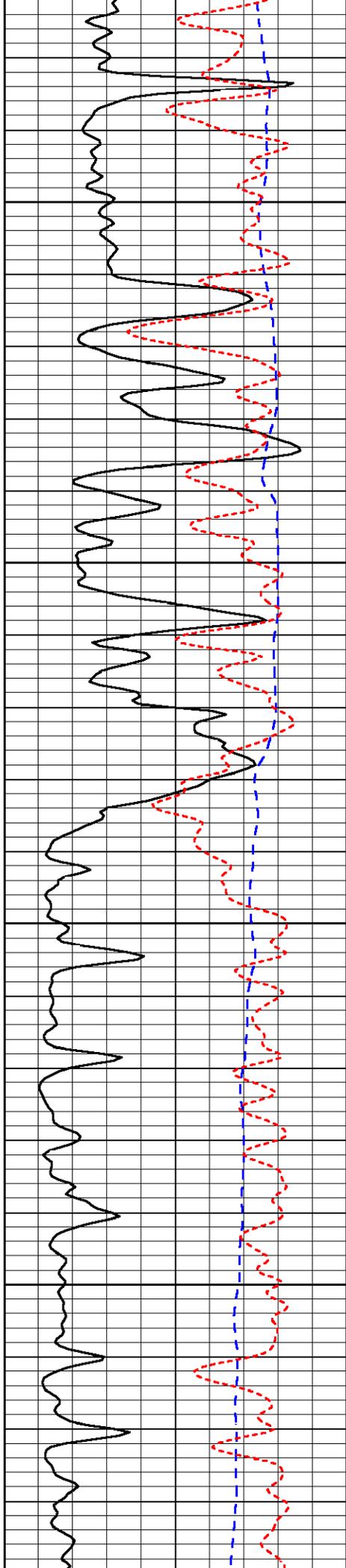


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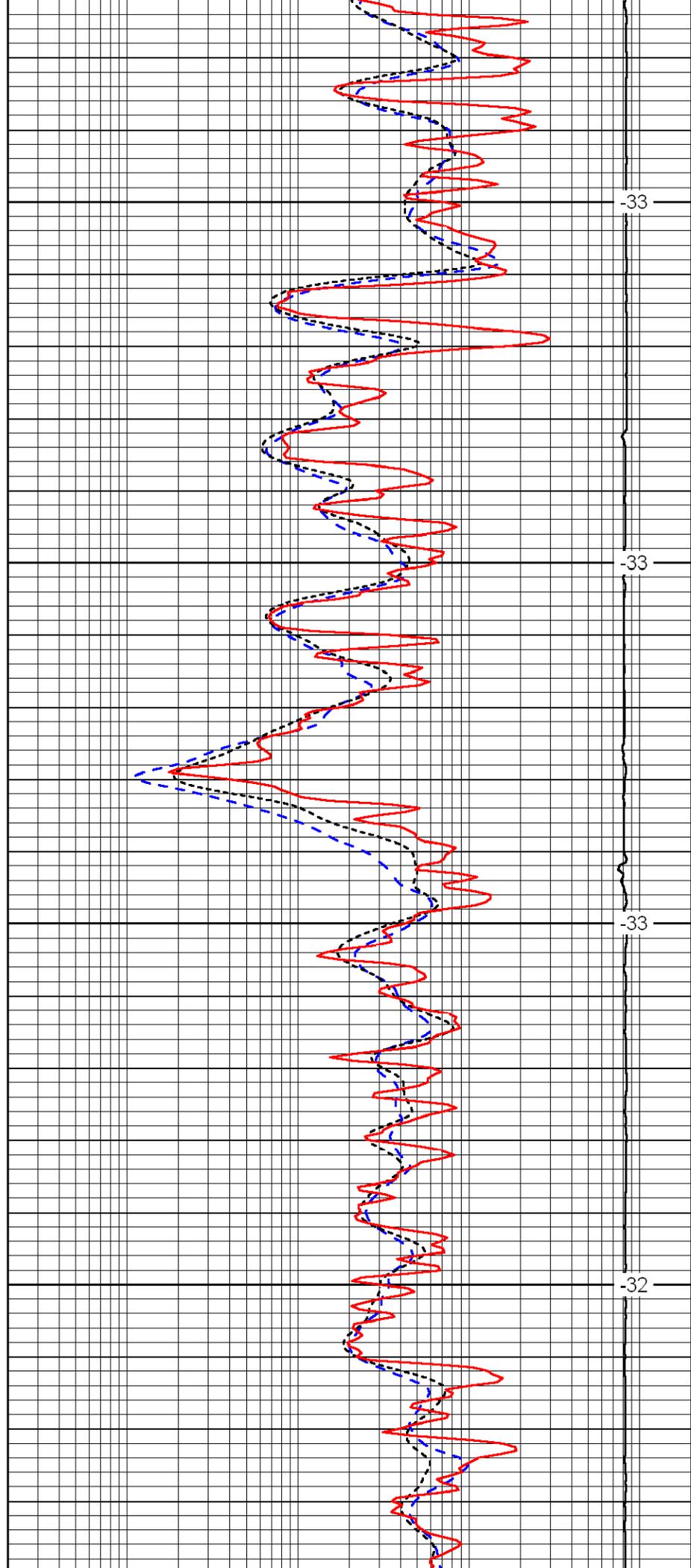


3150

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3250

3300



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3350

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37

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LSPD  
(ft/min)