



Dual Induction Log

Pioneer Energy Services

API No.

15-173-21,020-00-00

Company Urban Oil & Gas Group, LLC

Well Lygrisse RKS N No.82X

Field Greenwich

County Sedgwick State Kansas

Location 900' FNL & 340' FEL

Sec: 15 Twp: 26S Rge: 2E

Other Services
CNL/CDL
MEL

Elevation

K.B. 1388
D.F. 1379
G.L. 1379

Permanent Datum Ground Level Elevation 1379
Log Measured From Kelly Bushing 9 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Date 1/8/2013

Run Number One

Depth Driller 3367

Depth Logger 3365

Bottom Logged Interval 3364

Top Log Interval 1800

Casing Driller 8.625 @ 201

Casing Logger 210

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 1,300

Density / Viscosity 9.3 46

pH / Fluid Loss 9.5 9.4

Source of Sample Flowline

Rm @ Meas. Temp 2.5 @ 61

Rmf @ Meas. Temp 1.88 @ 61

Rmc @ Meas. Temp 3.38 @ 61

Source of Rmf / Rmc Charts

Rm @ BHT 1.39 @ 110

Operating Rig Time 3 Hours

Max Rec. Temp. F 110

Equipment Number 17

Location Hays

Recorded By C. Desaire

Witnessed By Scott Ellingson

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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.

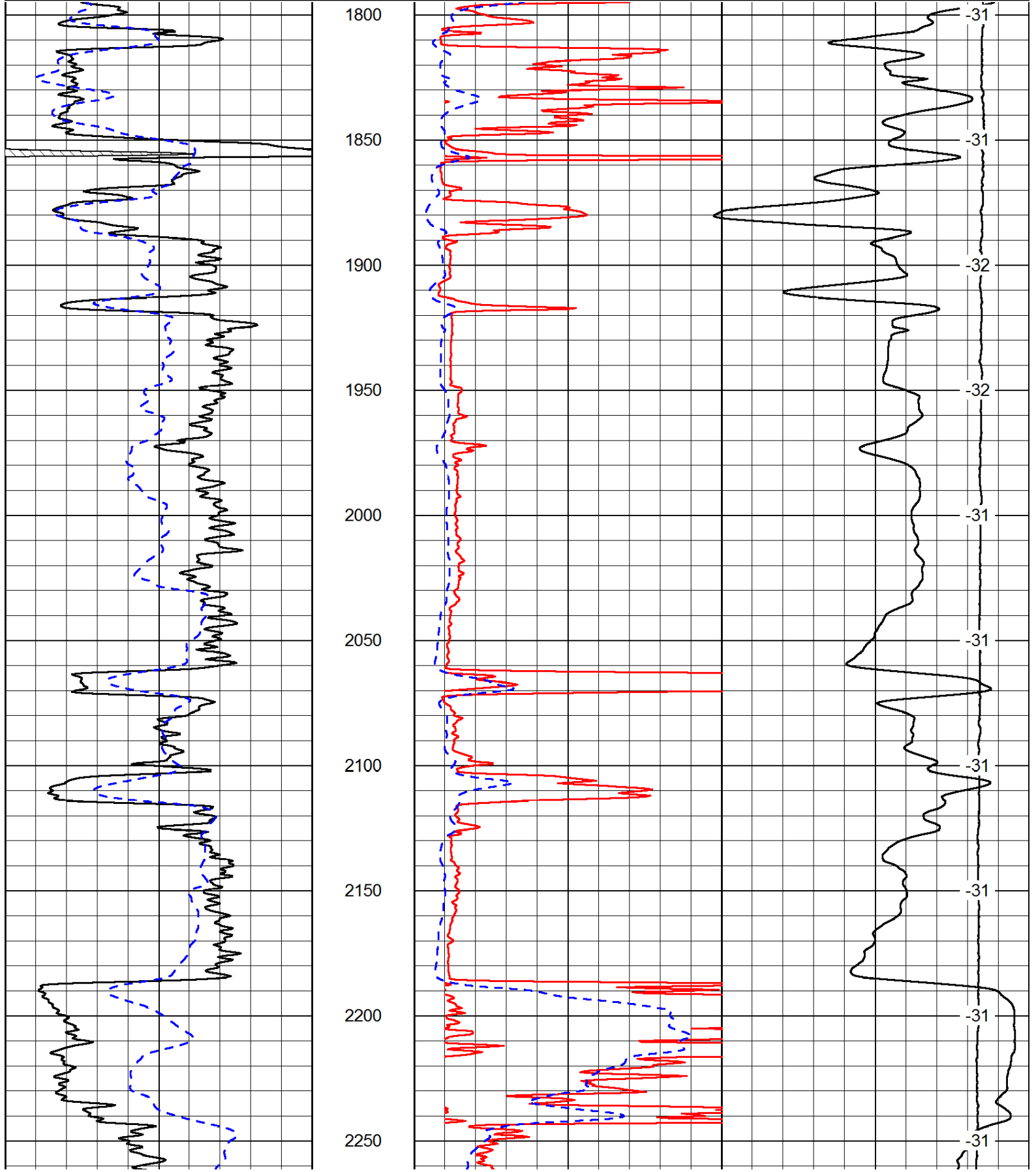
Comments

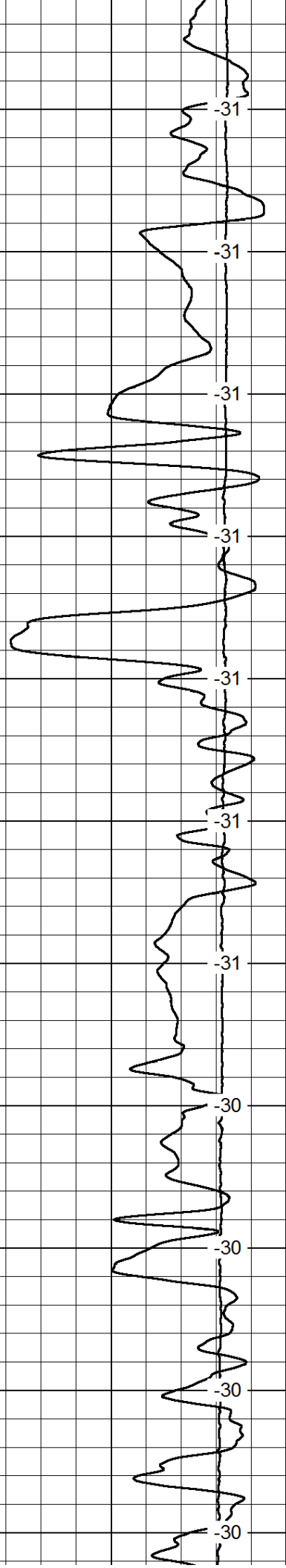
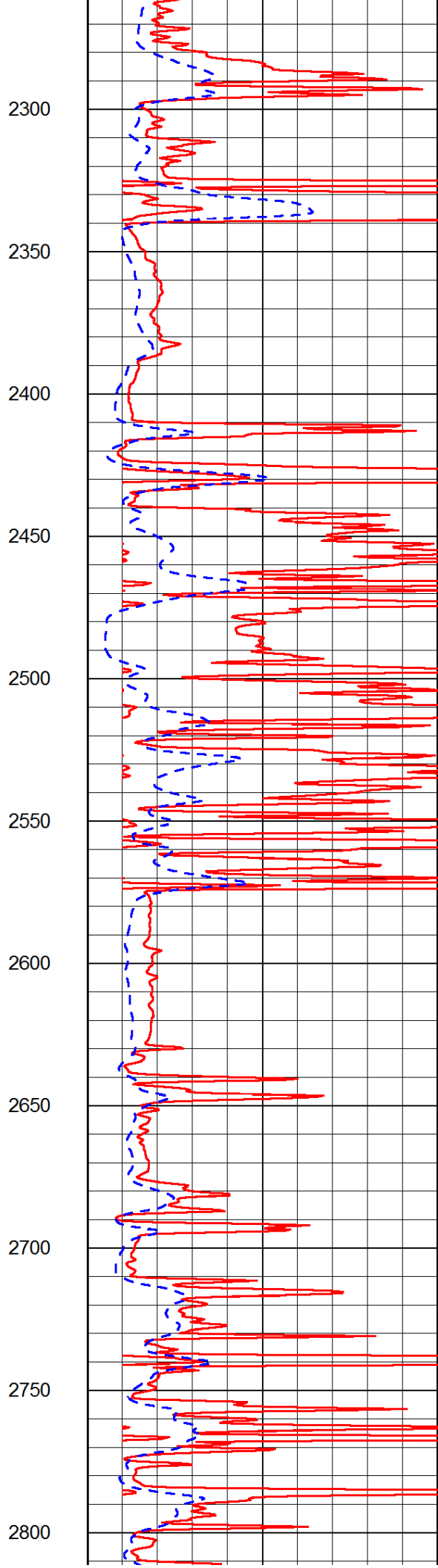
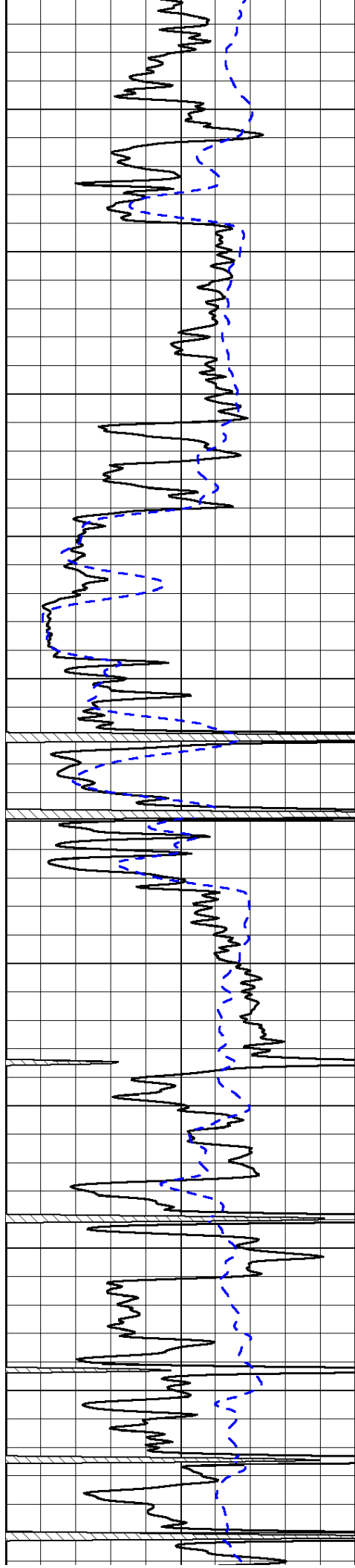
Thank you for using Pioneer Energy Services
www.pioneerenergy.com
785 625 3858

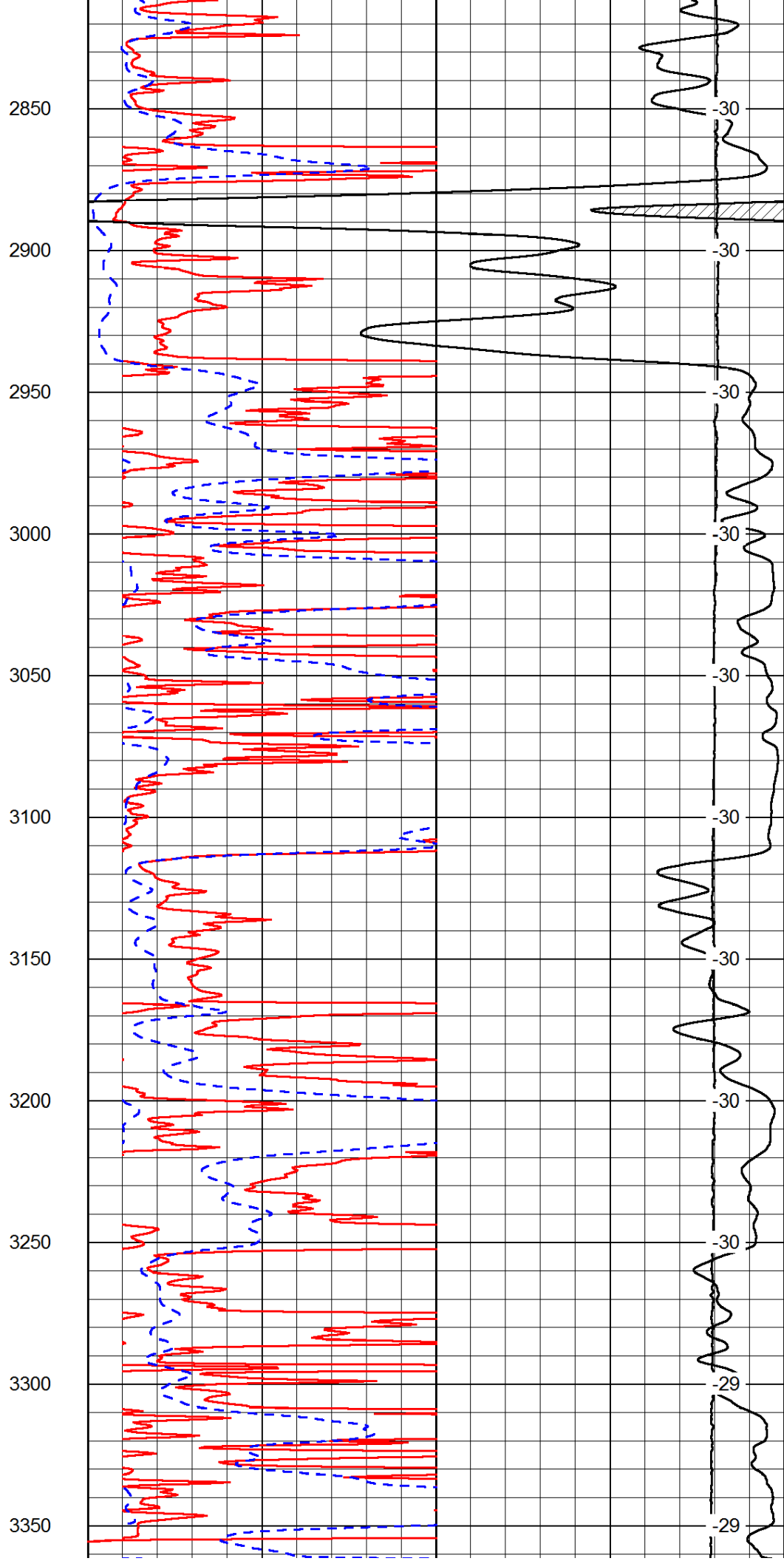
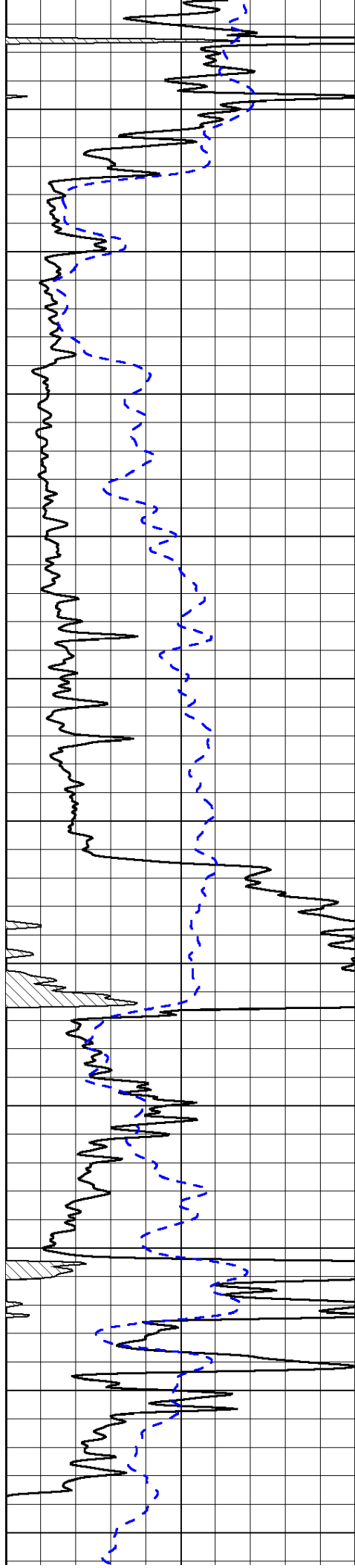
Park City KS, 61st St and I-135, 8 E, 1/4 S, W Into

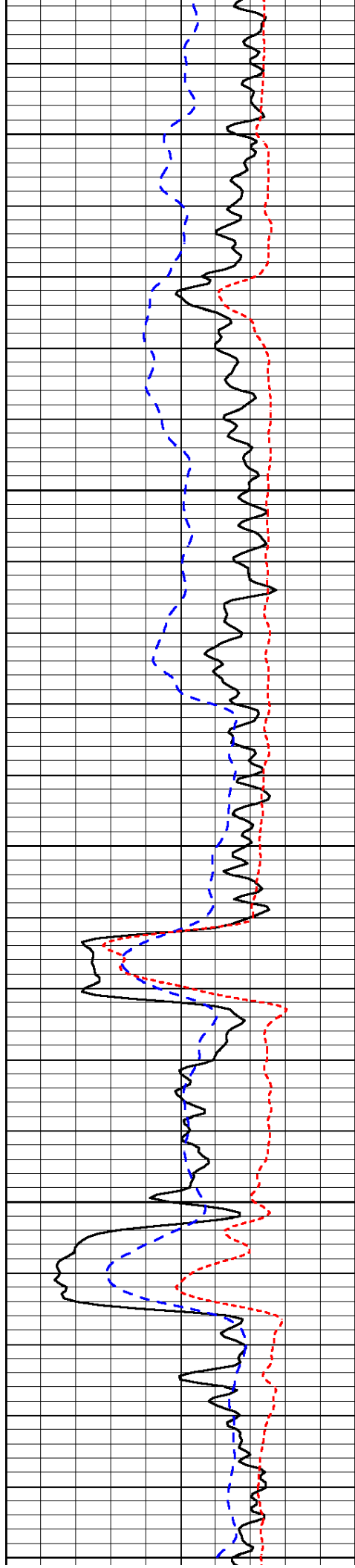
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Dataset Pathname: dil\urbstk
Presentation Format: dil2in
Dataset Creation: Tue Jan 08 18:31:47 2013
Charted by: Depth in Feet scaled 1:600

Charted by: _____ Depth in Feet scaled 1:600								
0	Gamma Ray	150	0	Shallow Resistivity	50	LSPD		
-200	SP (mV)	0	0	Deep Resistivity	50			
			1000	Conductivity		0		
			15000	Line Tension		0		
			50	Shallow Resistivity	500			
			50	Deep Resistivity	500			









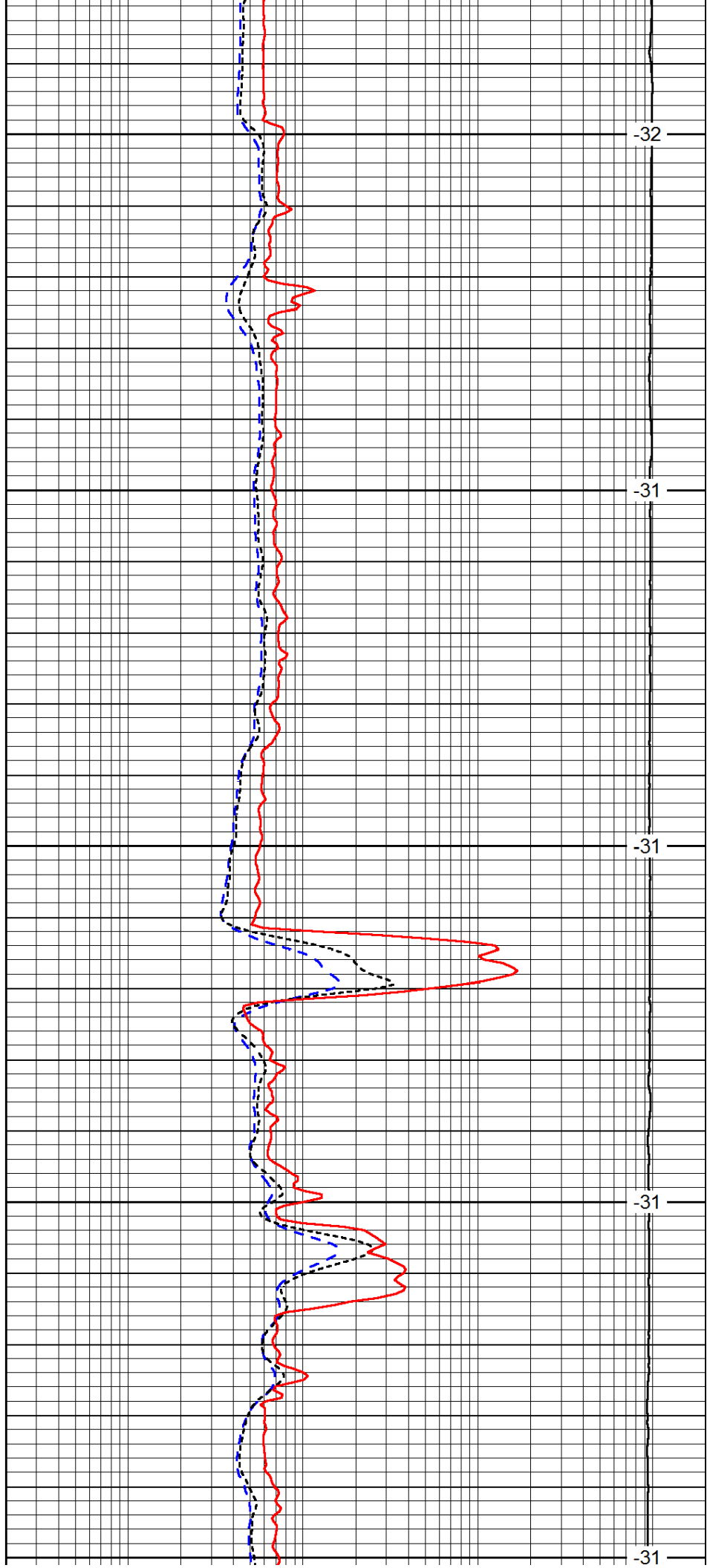
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2000

2050

2100

2150



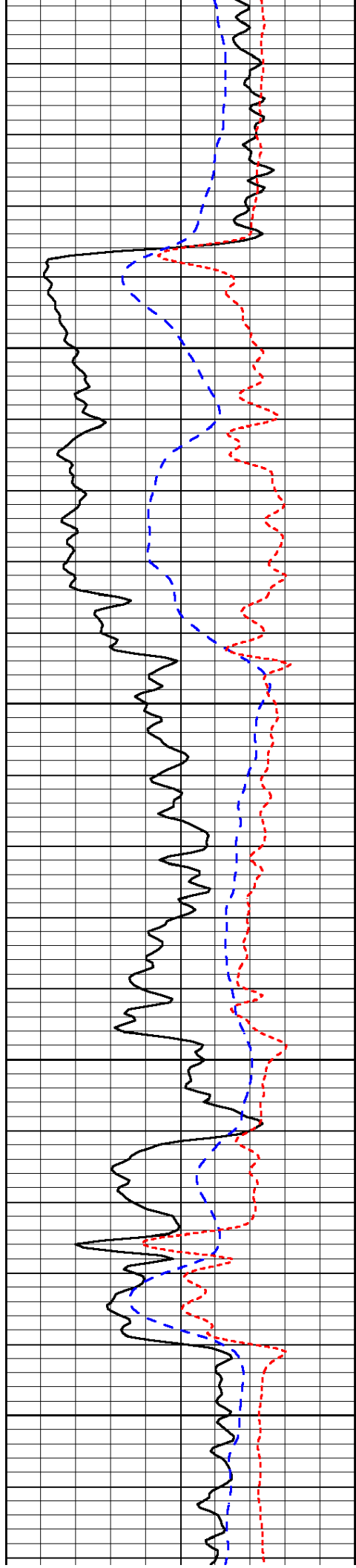
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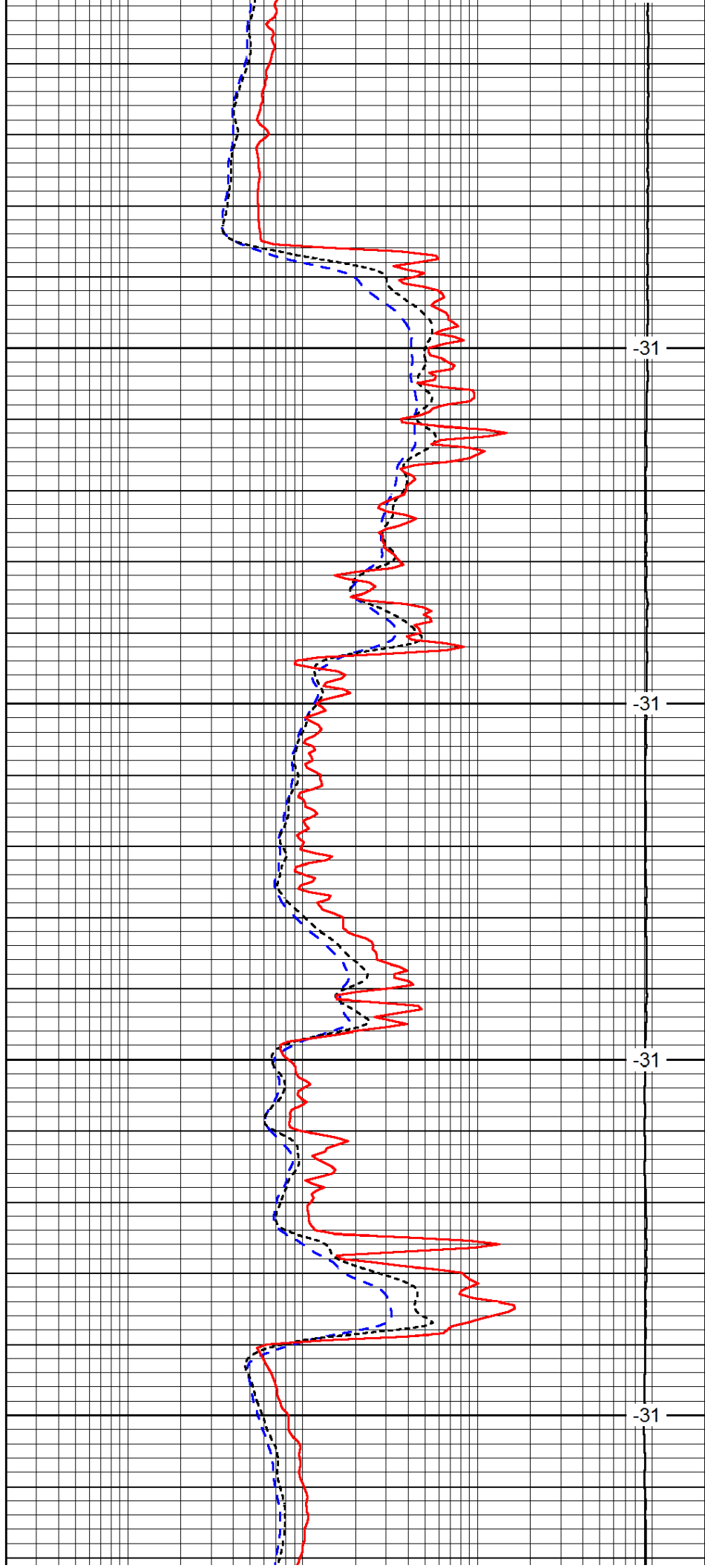


2200

2250

2300

2350

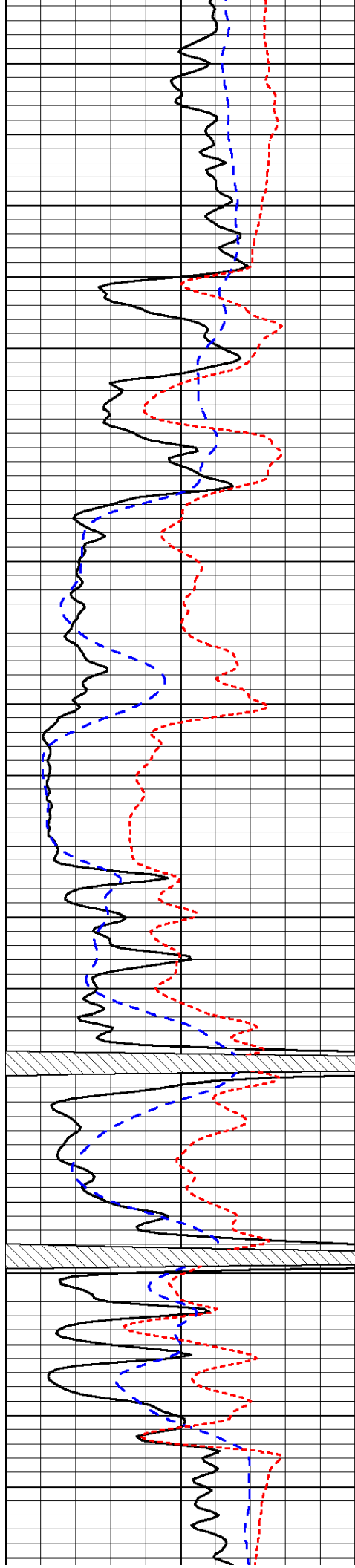


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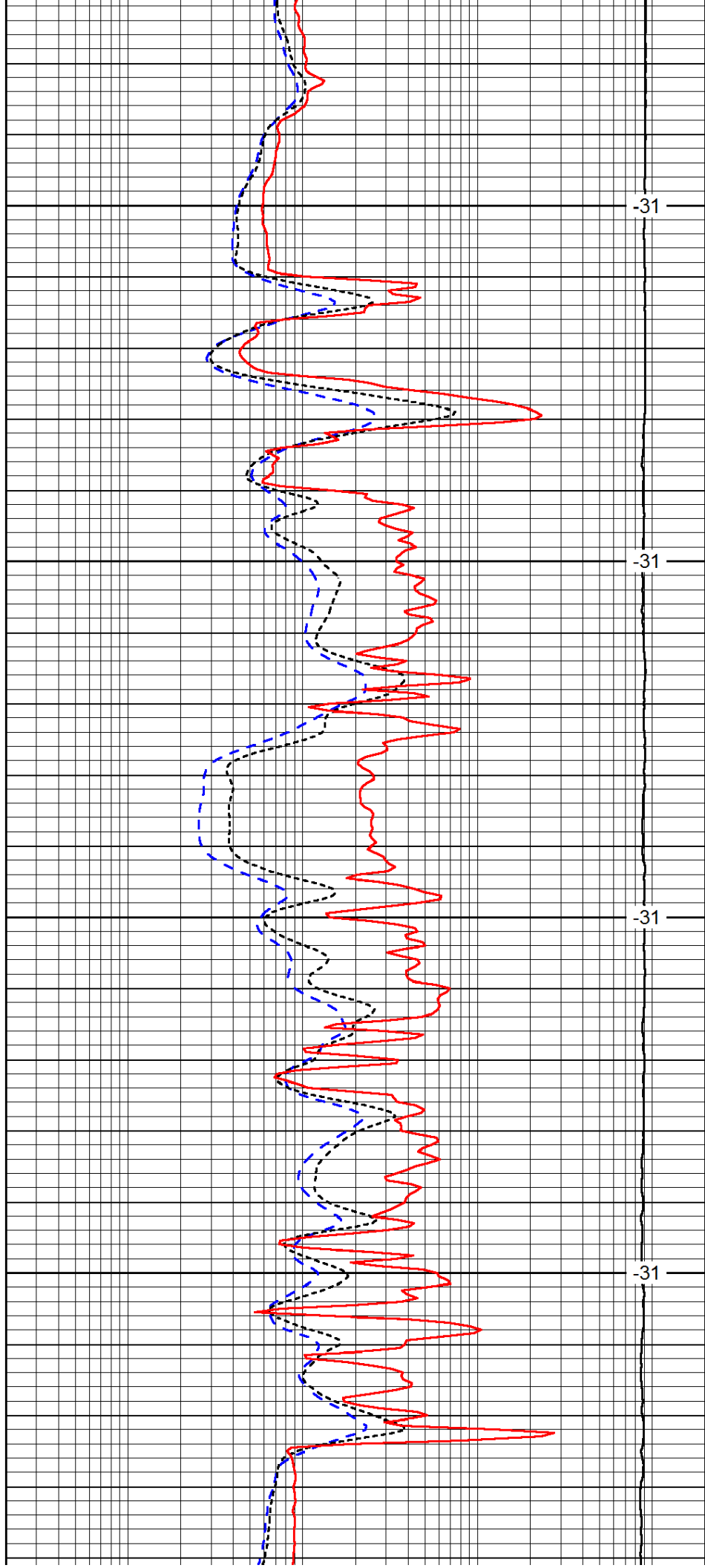


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2550

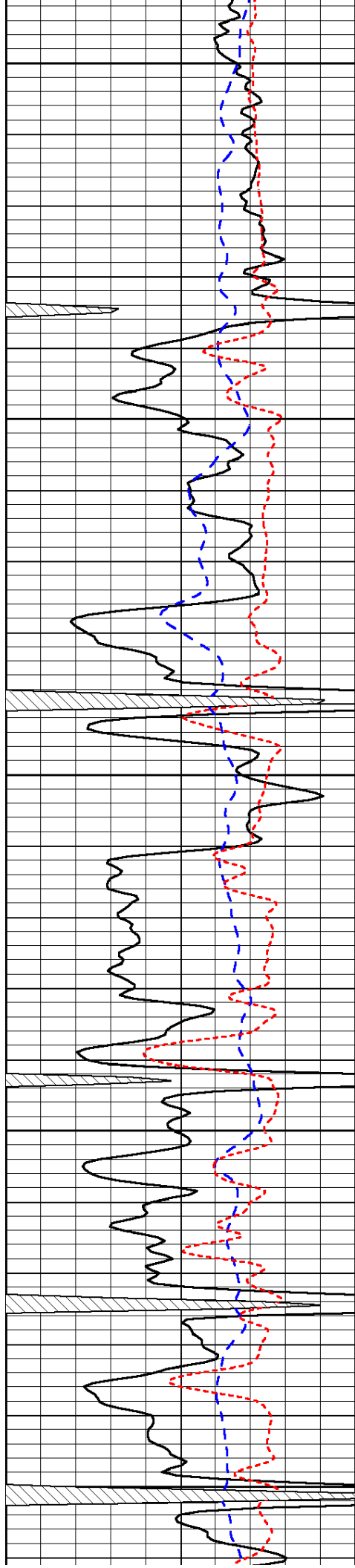


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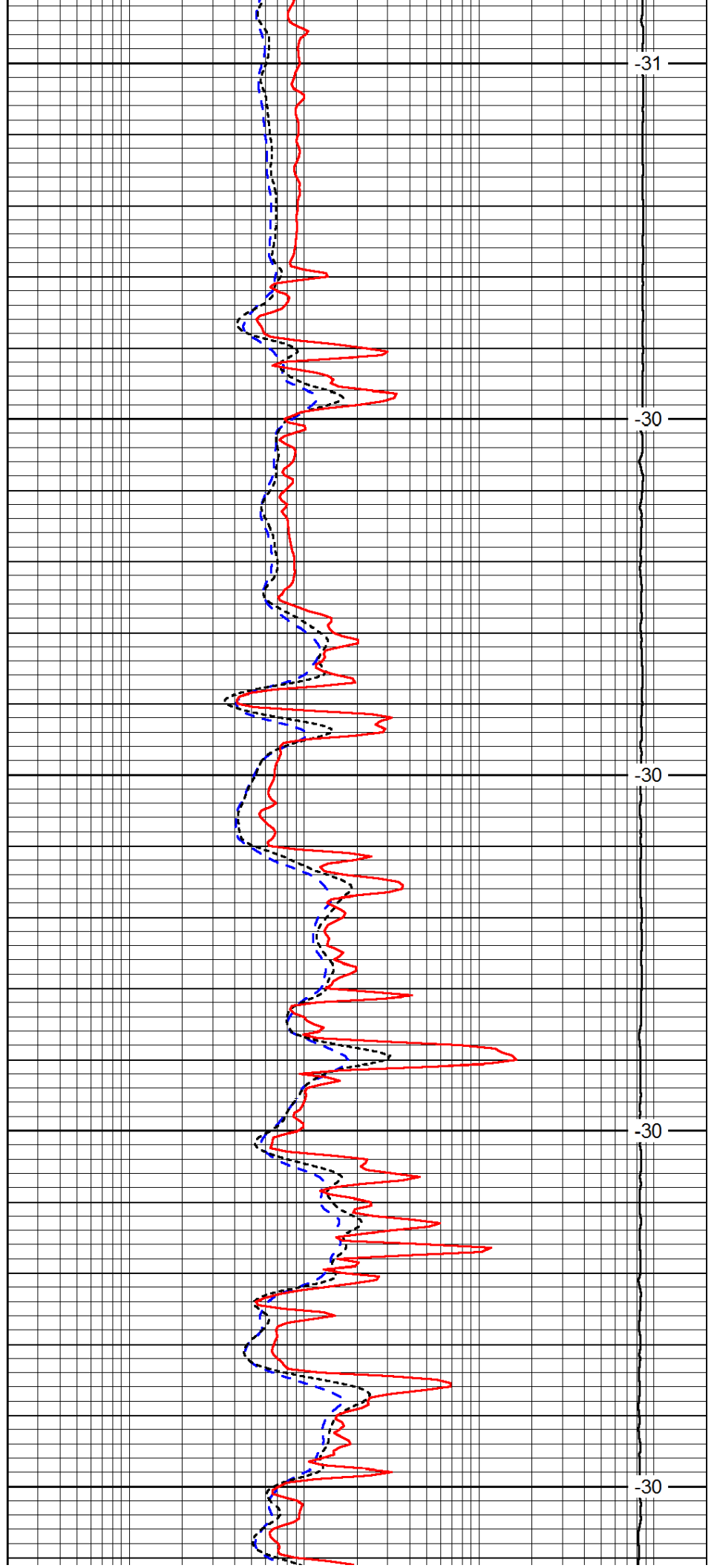
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2650

2700

2750

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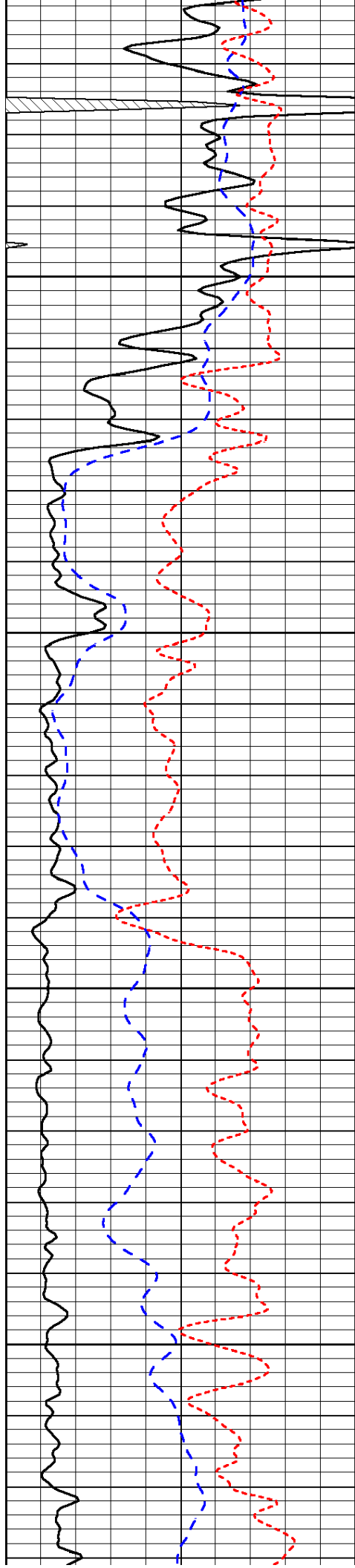
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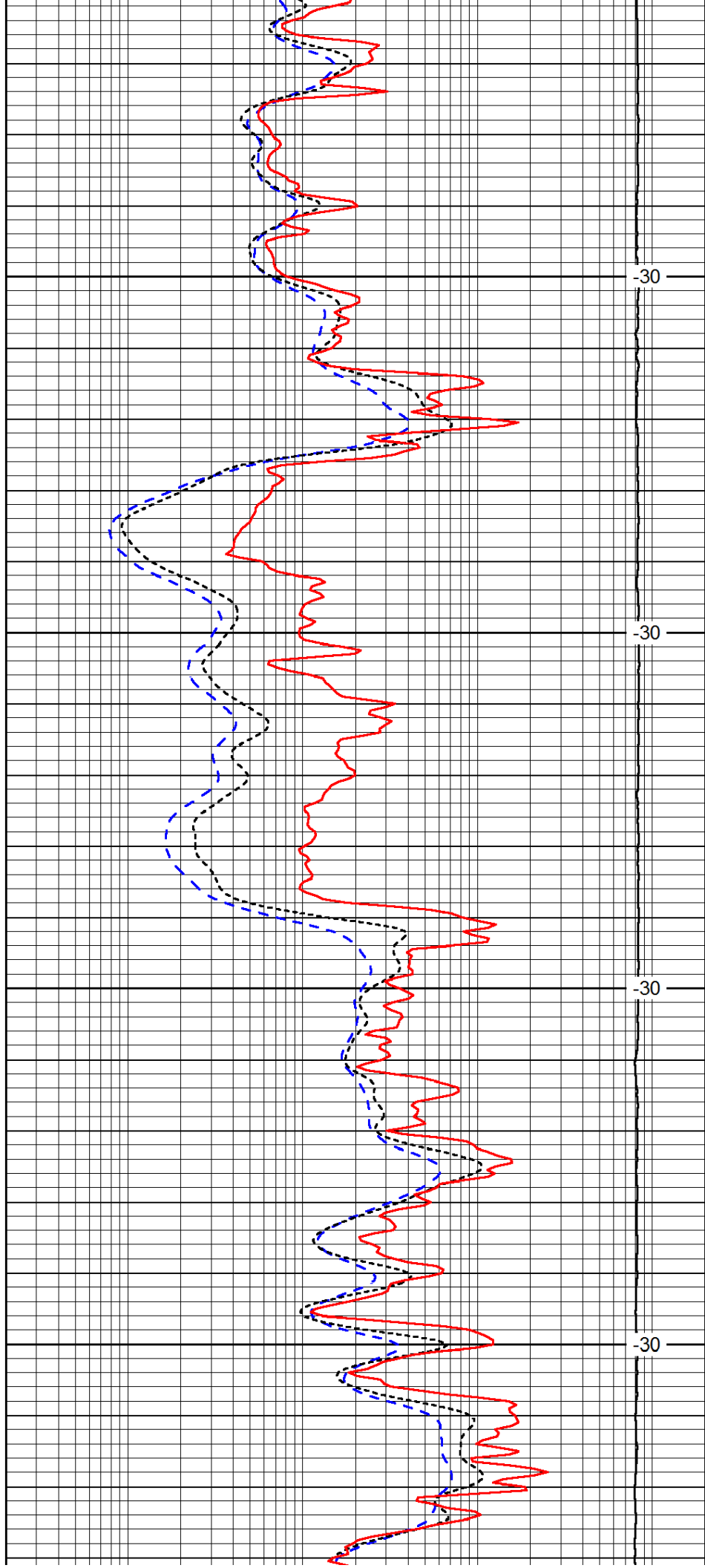


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2900

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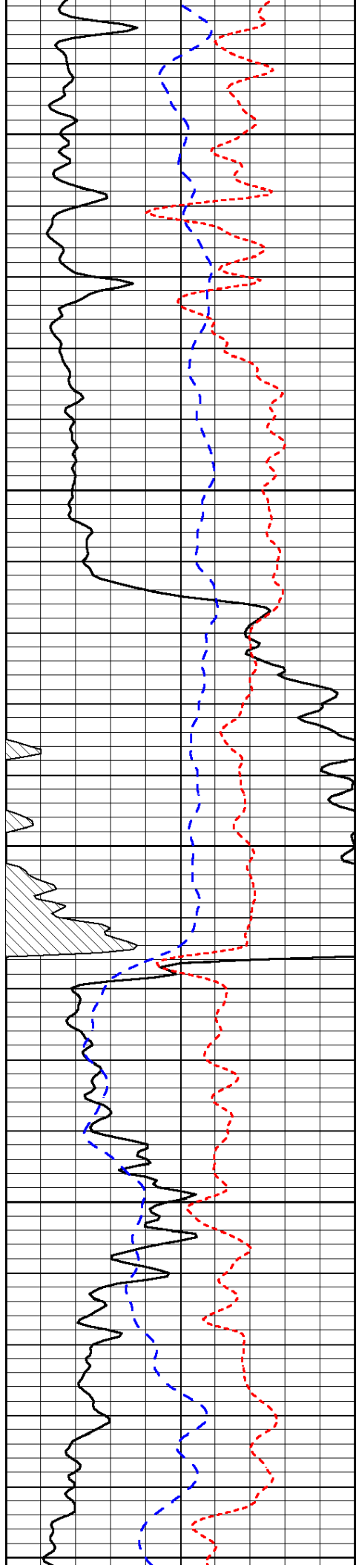


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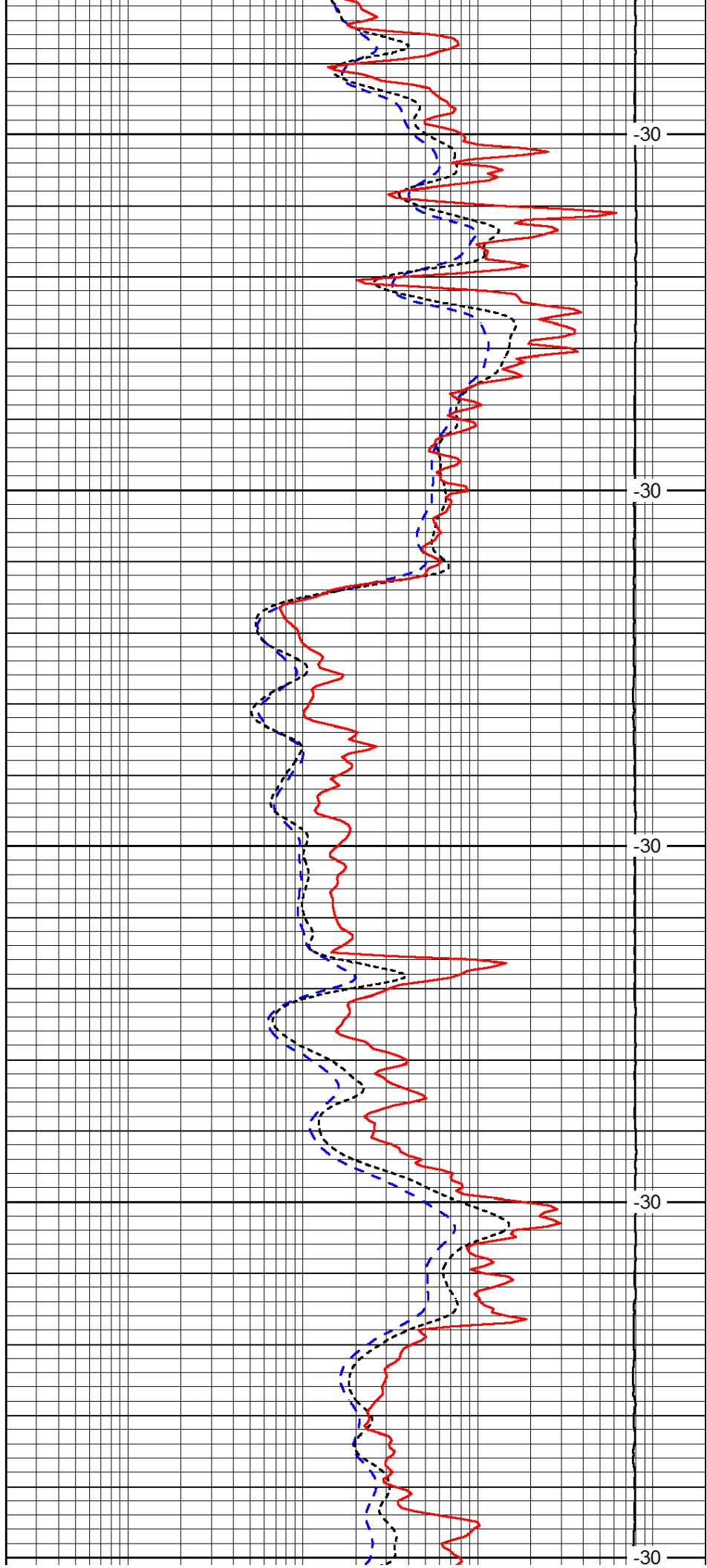
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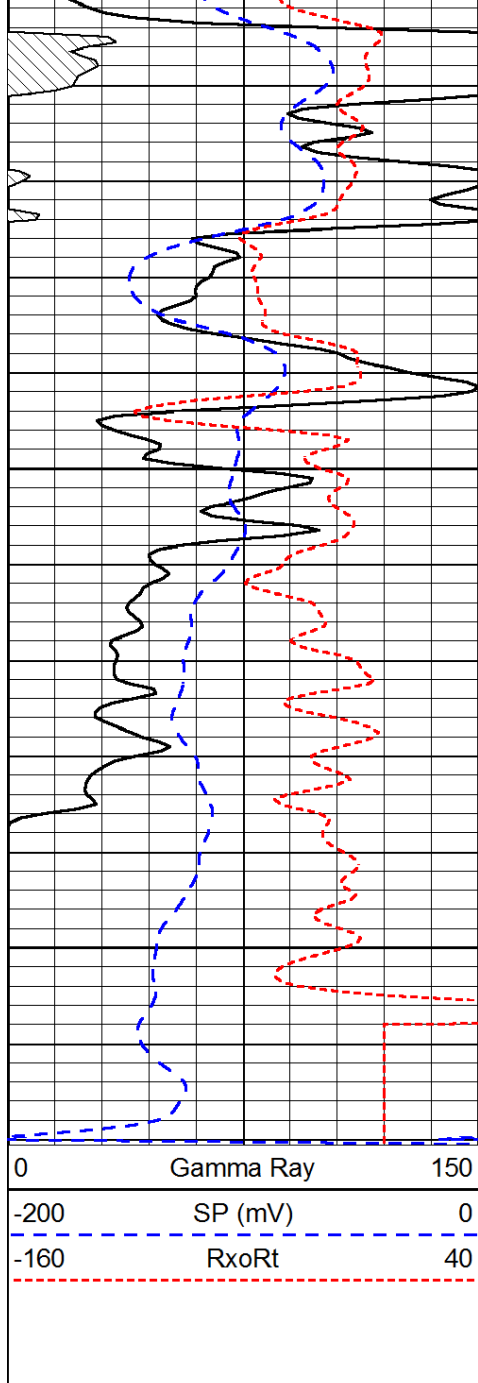
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3150

3200

3250





3300

3350

