



Microresistivity Log

Pioneer Energy Services

API No.

15-167-24,014-00-00

Company GLM Company

Well Witt Trust #1

Field Gorham

County Russell State

Kansas

Location

N2-NW-SE
1877' FSL & 1980' FEL

Sec: 4

Twp: 14S

Rge: 15W

Elevation

K.B. 1884
D.F.
G.L. 1877

Permanent Datum Ground Level
Log Measured From Kelly Bushing
Drilling Measured From Kelly Bushing

Elevation 1877
7 Ft. Above Perm. Datum

Date 10/28/2014

Run Number Two

Depth Driller 3320

Depth Logger 3318

Bottom Logged Interval 3317

Top Log Interval 2000

Casing Driller 8.625 @ 918

Casing Logger 914

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 5.000

Density / Viscosity 8.9 53

pH / Fluid Loss 9.5 8.3

Source of Sample Flowline

Rm @ Meas. Temp .34 @ 59

Rmf @ Meas. Temp .26 @ 59

Rmc @ Meas. Temp .46 @ 59

Source of Rmf / Rmc Charts

Rm @ BHT .18 @ 109

Operating Rig Time 3 1/2 Hours

Max Rec. Temp. F 109

Equipment Number 10

Location Hays

Recorded By J. Henrickson

Witnessed By Steve Reed

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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.pioneerres.com
785 625 3858

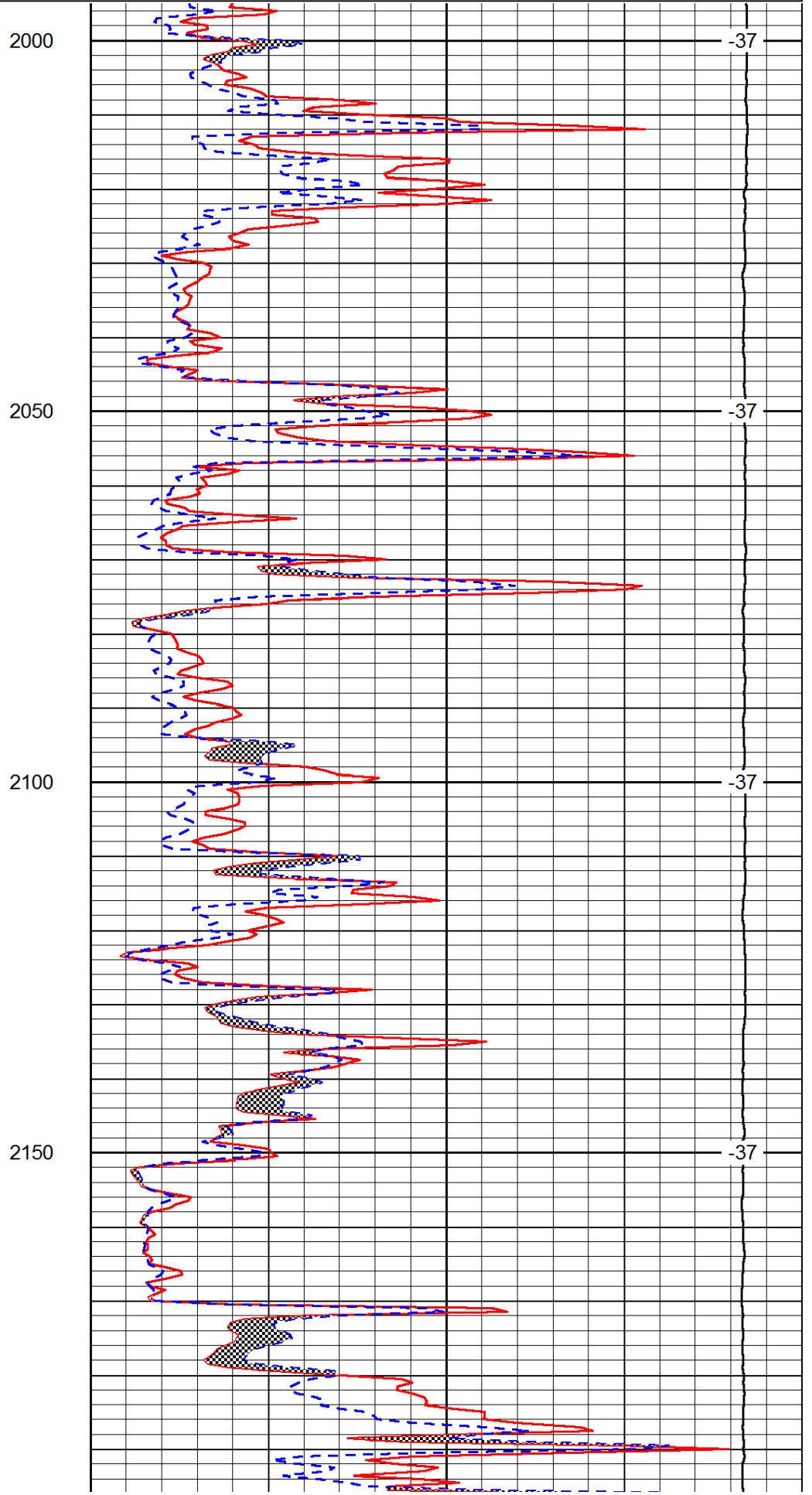
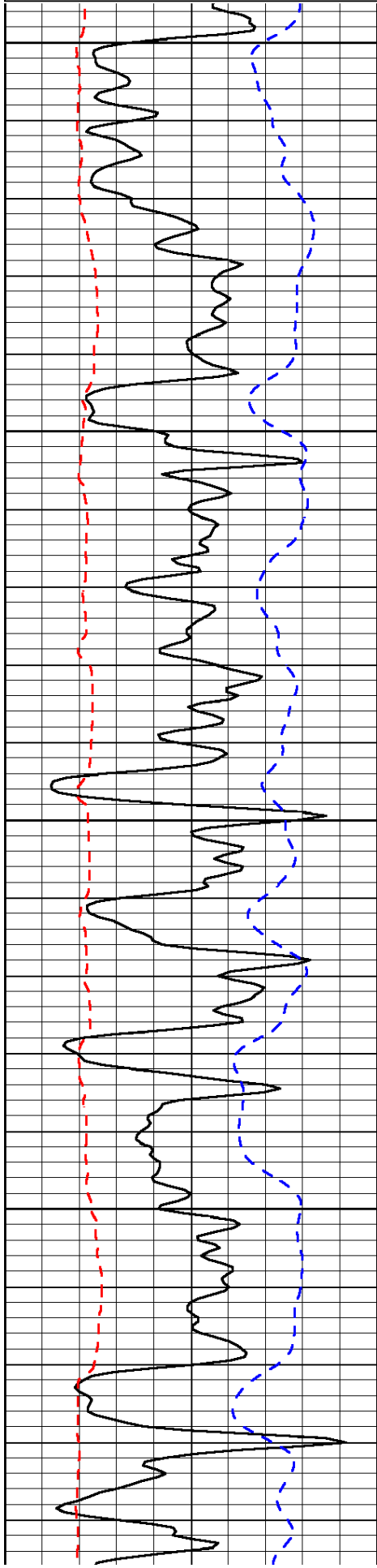
Gorham Exit on I70
1/2 South, 2 East, 1/2 North, West Into

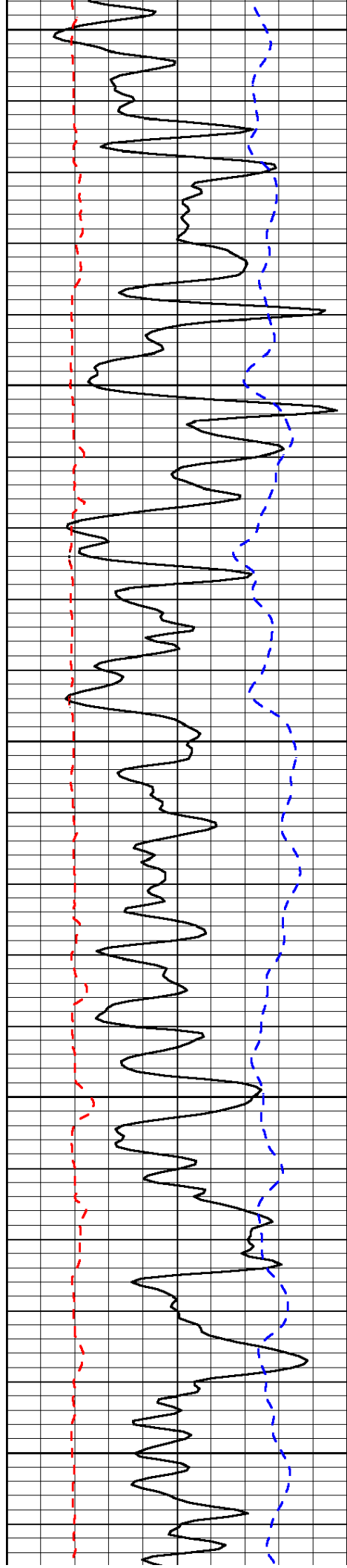
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Dataset Pathname: DIL\glmstk
Presentation Format: micro
Dataset Creation: Tue Oct 28 19:57:27 2014
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150
6	MCAL (GAPI)	16
-200	SP (mV)	0

0	Micro Inverse 1 X 1	40
0	Micro Normal 2"	40
15000	Line Weight	0

LSPD





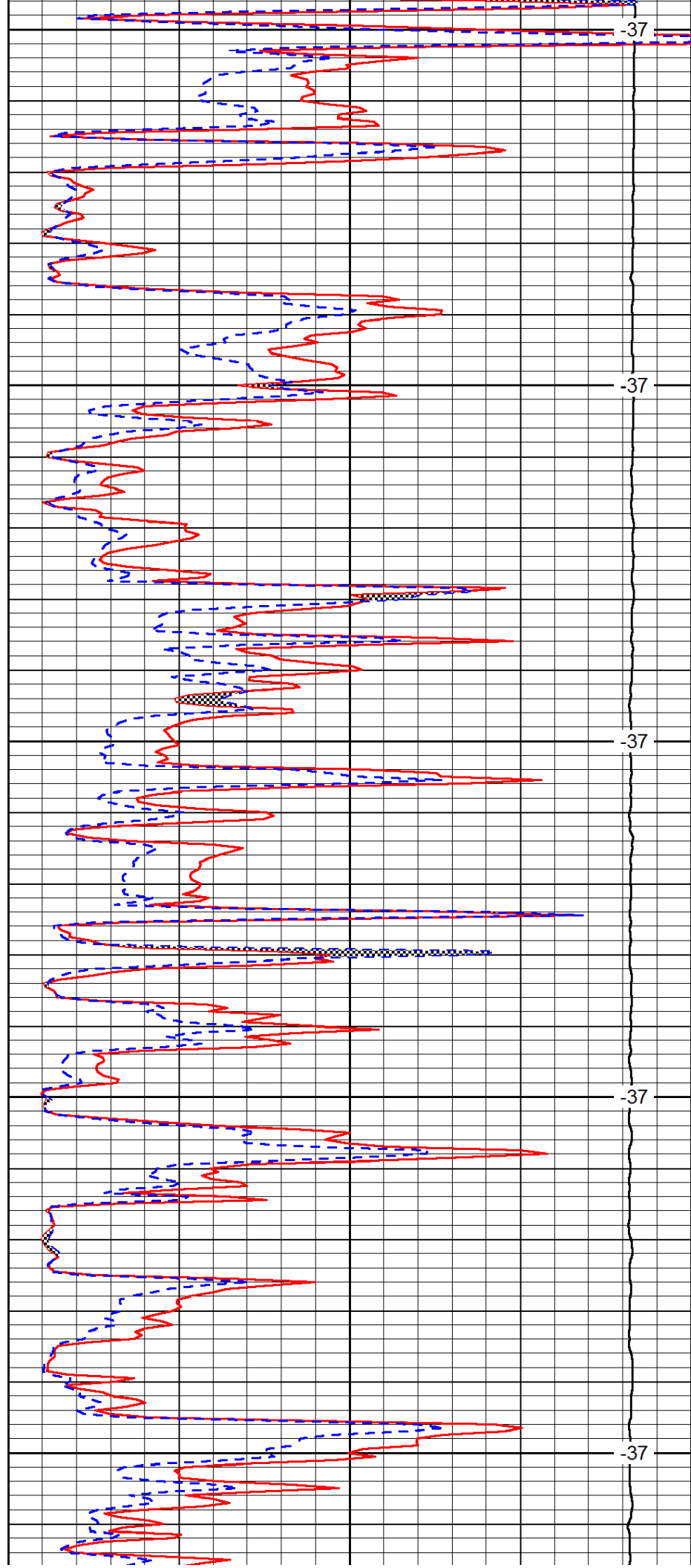
2200

2250

2300

2350

2400



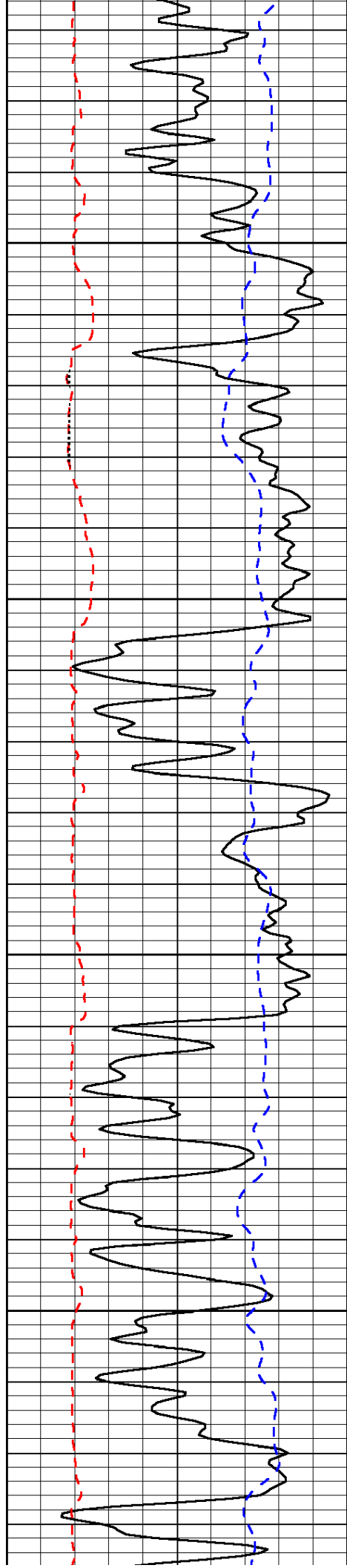
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-37

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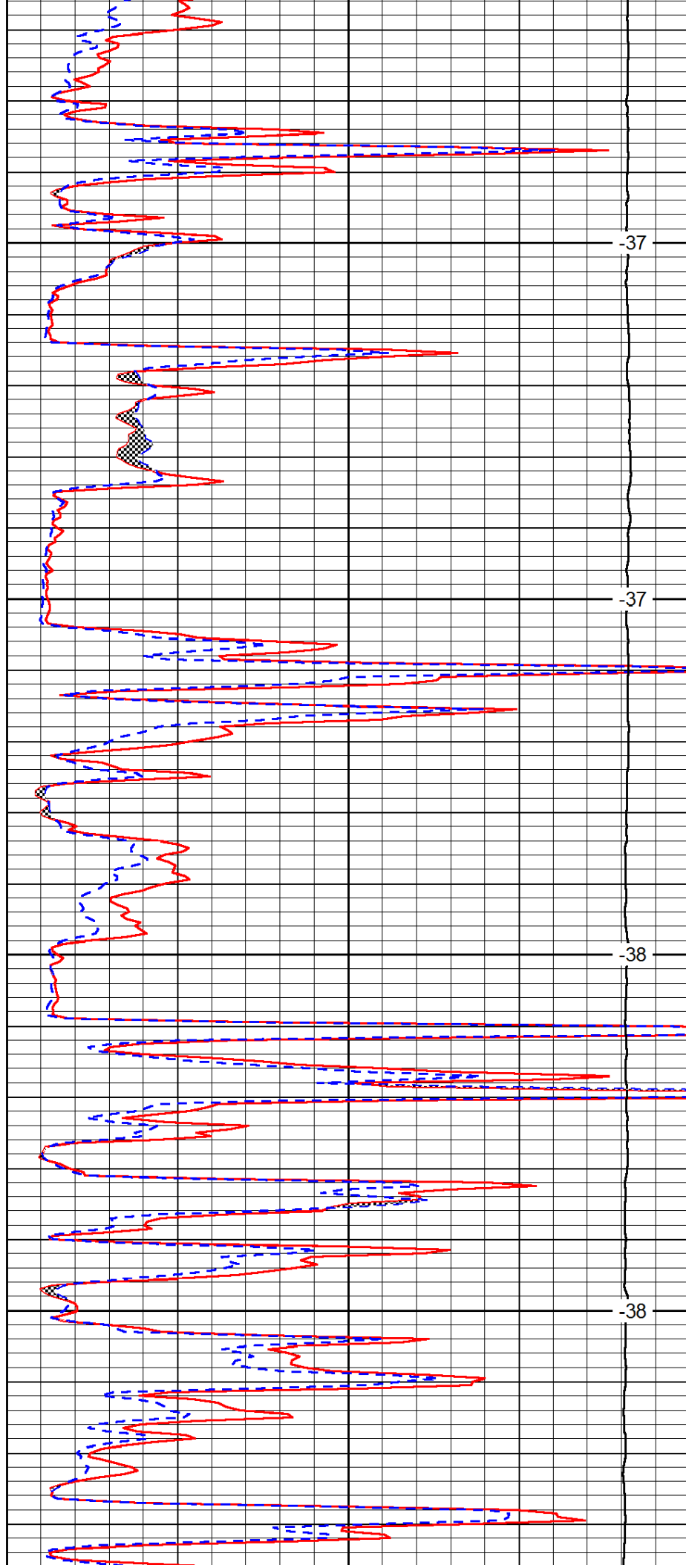


2450

2500

2550

2600

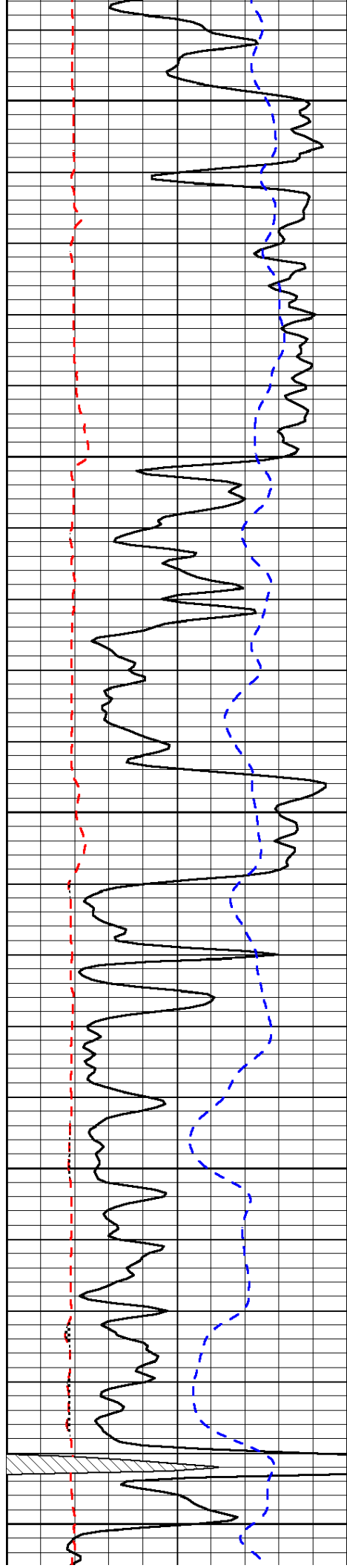


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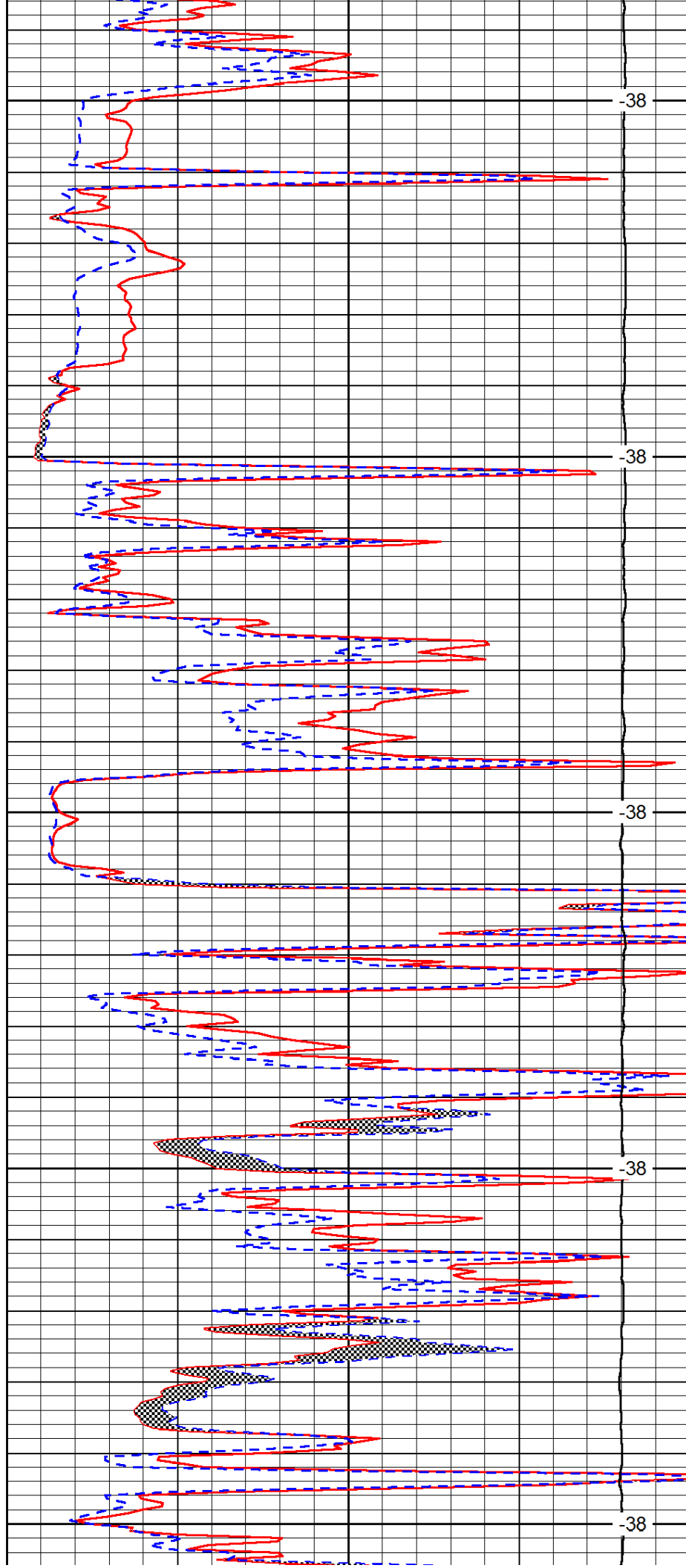
2650

2700

2750

2800

2850



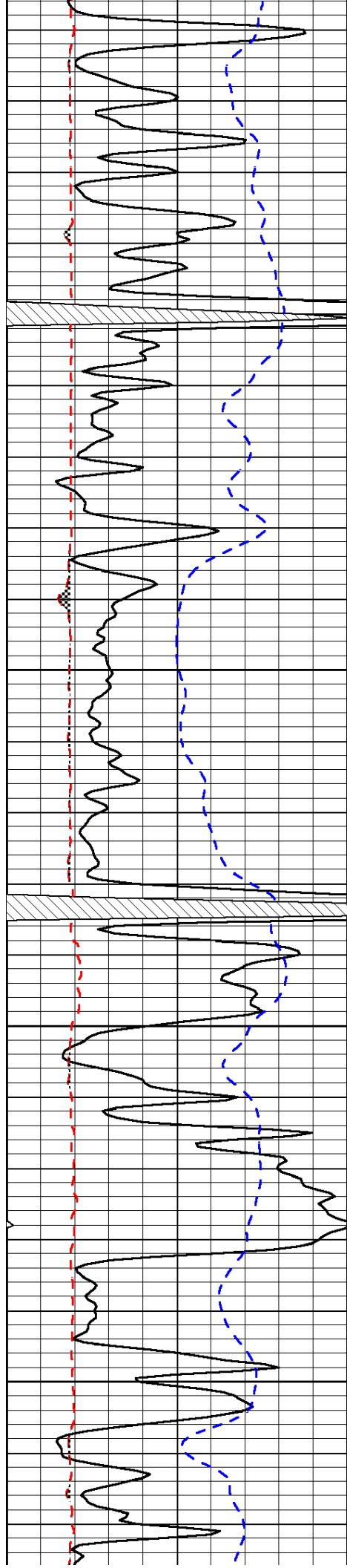
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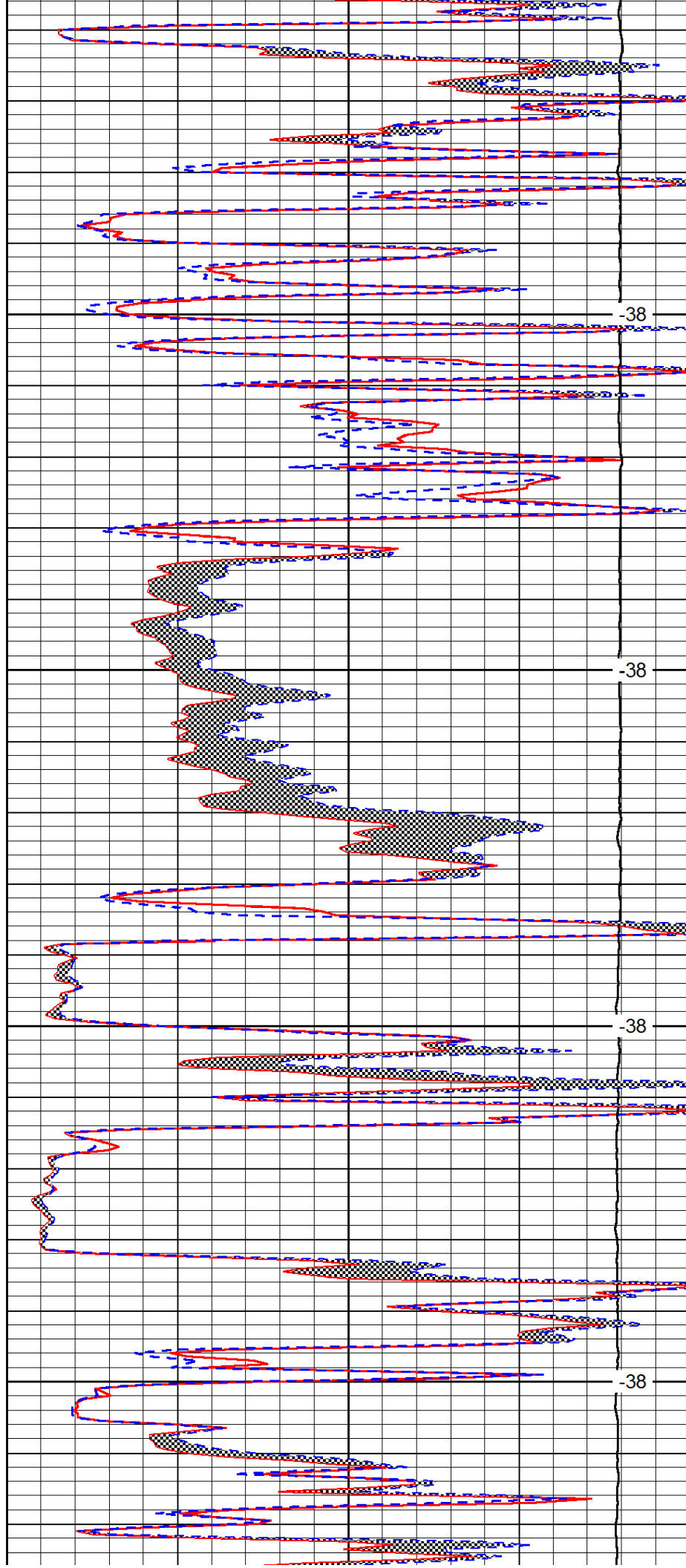


2900

2950

3000

3050

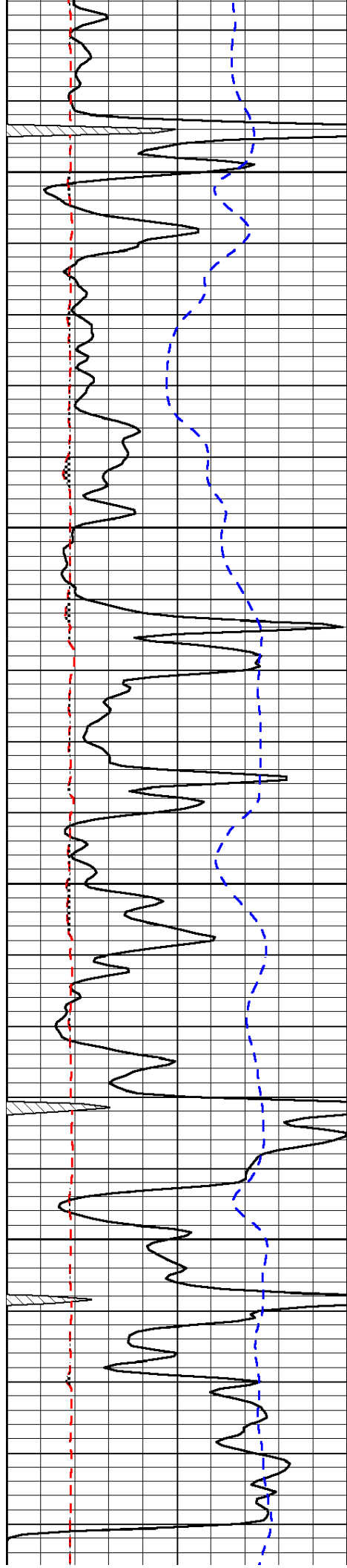


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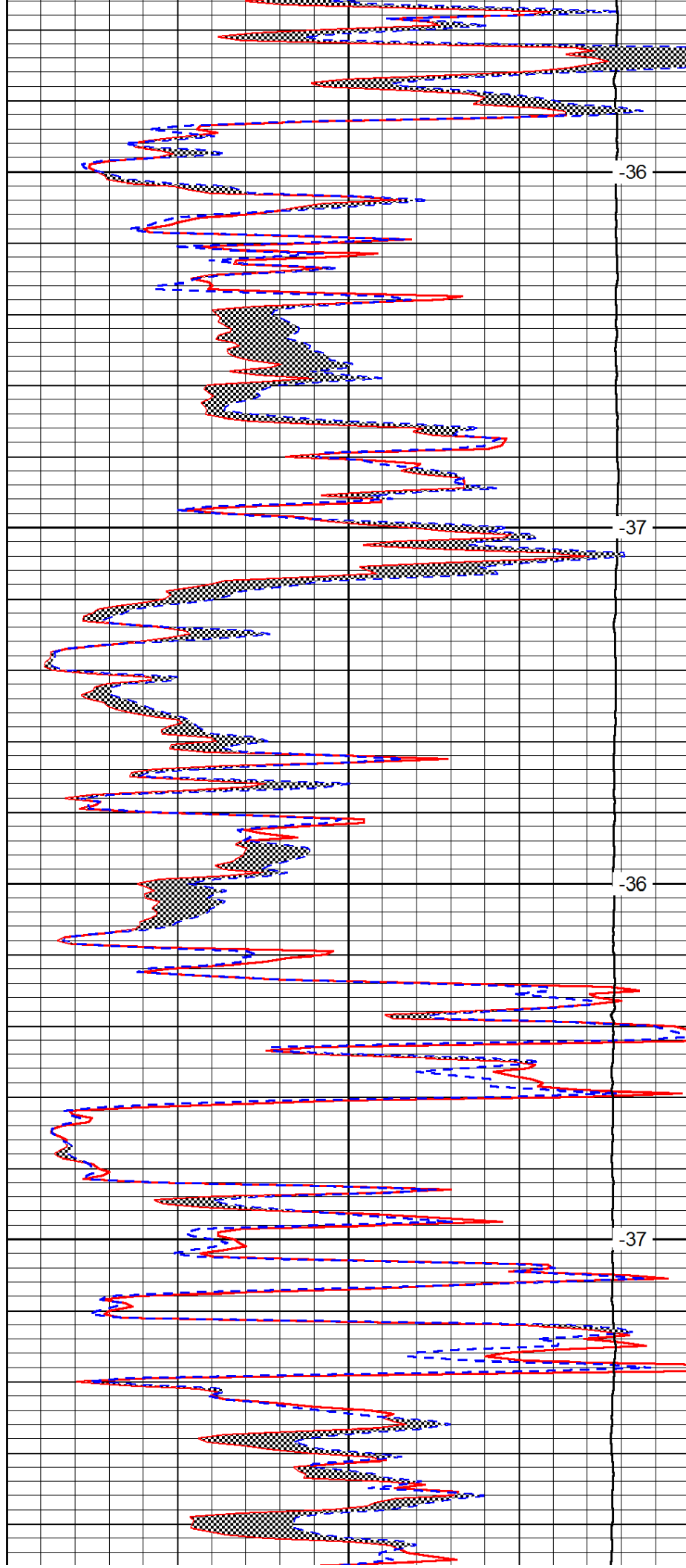


3100

3150

3200

3250

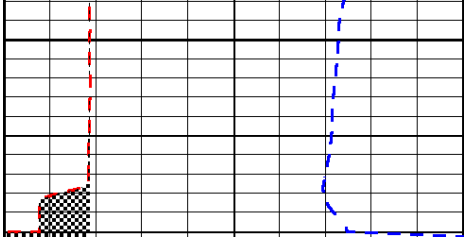


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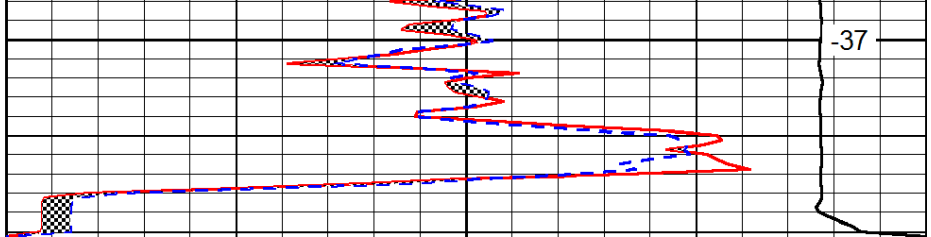
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-37



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