



Pioneer Energy Services

# Microresistivity Log

15-079-20691-00-00

Company **Urban Oil & Gas Group, LLC**

Well **Dubois #8X**

Field **Greenwich**

County **Harvey** State **Kansas**

Location **NW NE SW SW  
1080' FSL / 890' FWL**

Sec: **34** Twp: **24S** Rge: **2E**

Other Services  
CNL/CDL  
DIL

Elevation  
K.B. 1368  
D.F. 1361  
G.L. 1361

Permanent Datum **Ground Level** Elevation **1361**

Log Measured From **Kelly Bushing** 7 Ft. Above Perm. Datum

Drilling Measured From **Kelly Bushing**

Date **8/5/2012**

Run Number **Two**

Depth Driller **2880**

Depth Logger **2882**

Bottom Logged Interval **2881**

Top Log Interval **1500**

Casing Driller **8.625 @ 222**

Casing Logger **224**

Bit Size **7.875**

Type Fluid in Hole **Chemical**

Salinity, ppm CL **2000**

Density / Viscosity **9.4 38**

pH / Fluid Loss **8.5 14.6**

Source of Sample **Flowline**

Rm @ Meas. Temp **2.00 @ 70**

Rmf @ Meas. Temp **1.50 @ 70**

Rmc @ Meas. Temp **2.70 @ 70**

Source of Rmf / Rmc **Charts**

Rm @ BHT **1.34 @ 105**

Operating Rig Time **4 Hours**

Max Rec. Temp. F **105**

Equipment Number **15**

Location **Hays**

Recorded By **R. Barnhart**

Witnessed By **Robby Rocky**

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

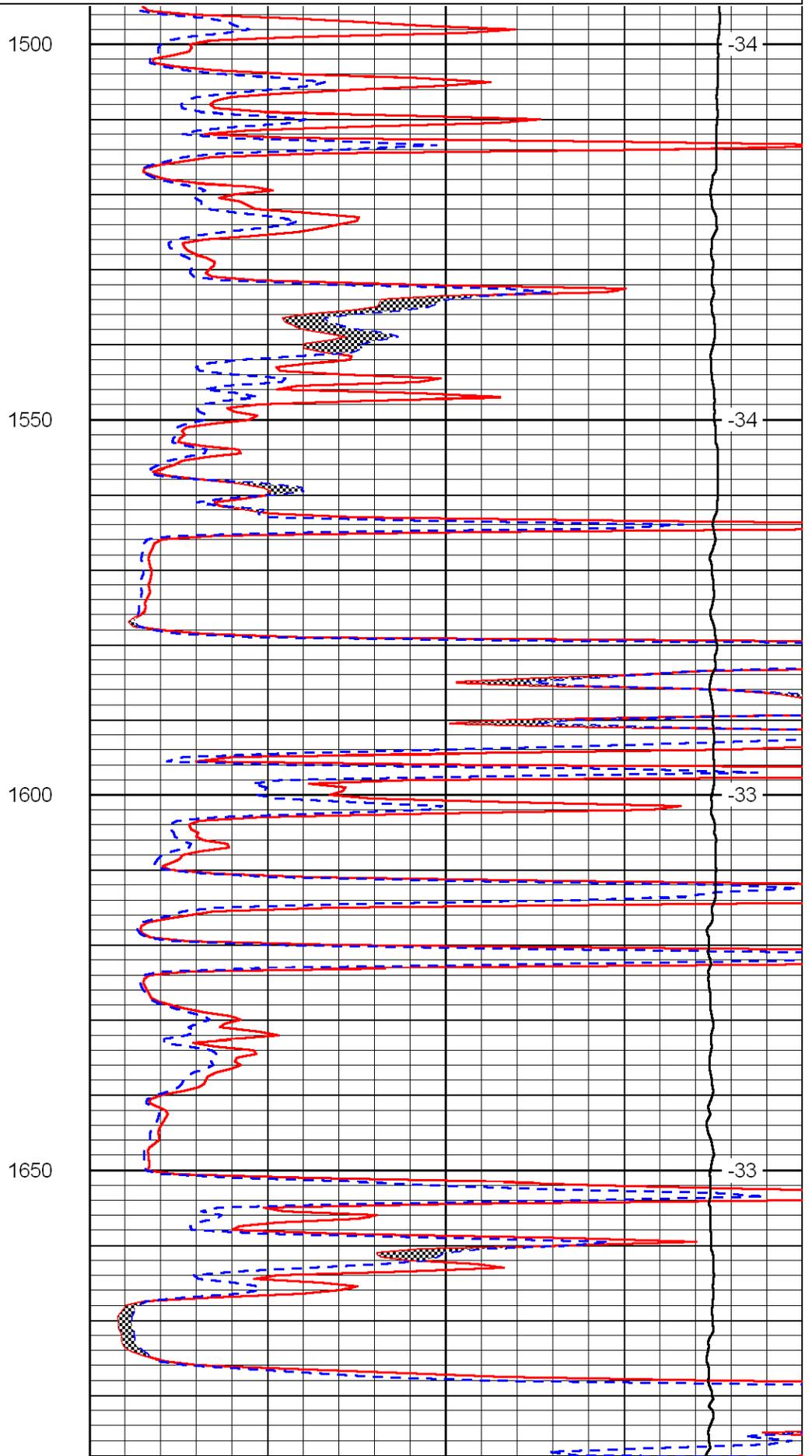
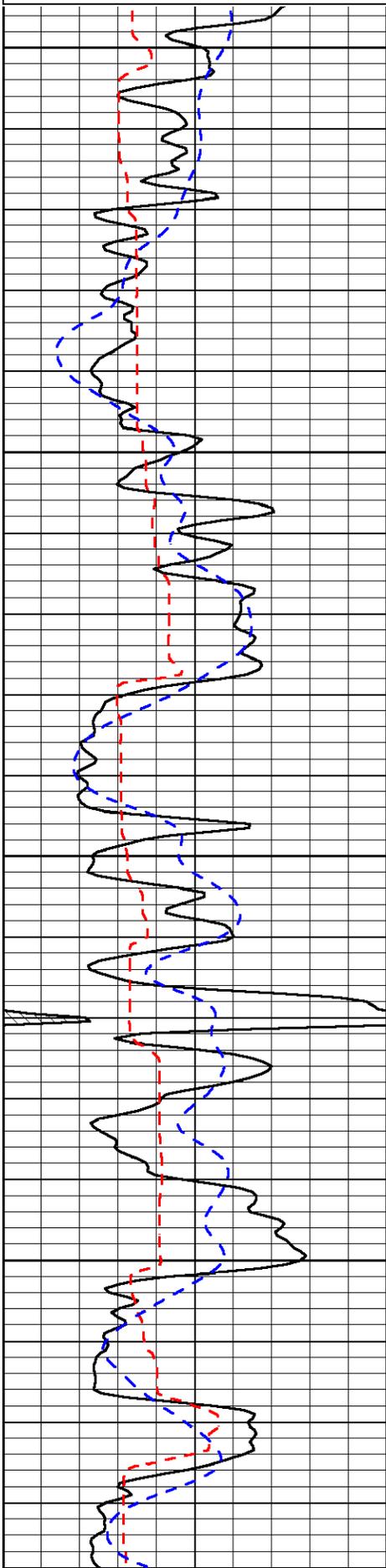
Thank you for using Log-Tech, Inc.  
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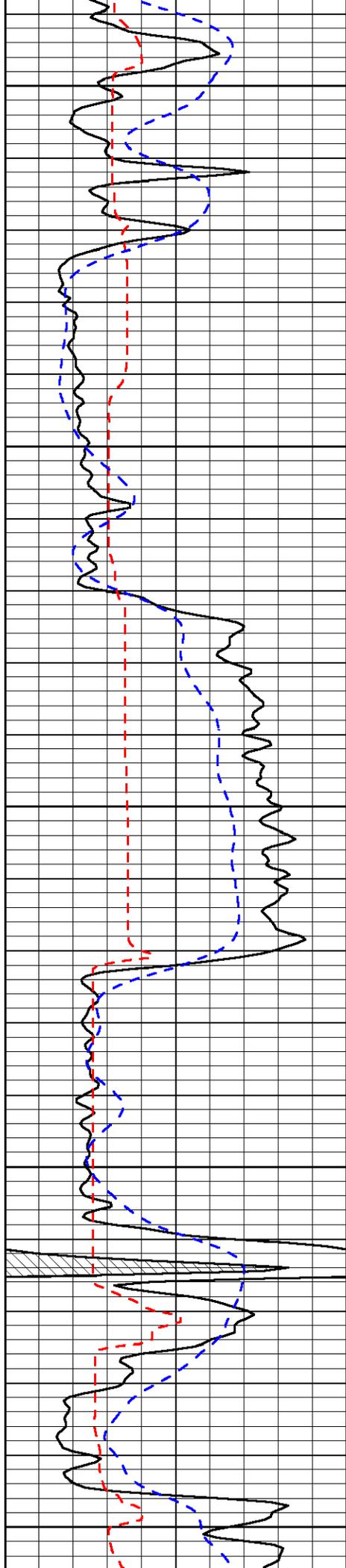
Wichita, KS:  
7E on Hwy 254 to Greenwich Rd., 8.1N to 125th Rd.,  
1E to Gracehill, 1/2N, W into

Database File: urbanhd.db  
Dataset Pathname: dil/urmain  
Presentation Format: micro  
Dataset Creation: Sun Aug 05 11:31:13 2012  
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150
6	MCAL (GAPI)	16
2.875	Mud Cake (GAPI)	7.875
-200	SP	0

0	Micro Inverse 1 X 1	40
0	Micro Normal 2"	40
10000	Line Weight	0
		LSPD





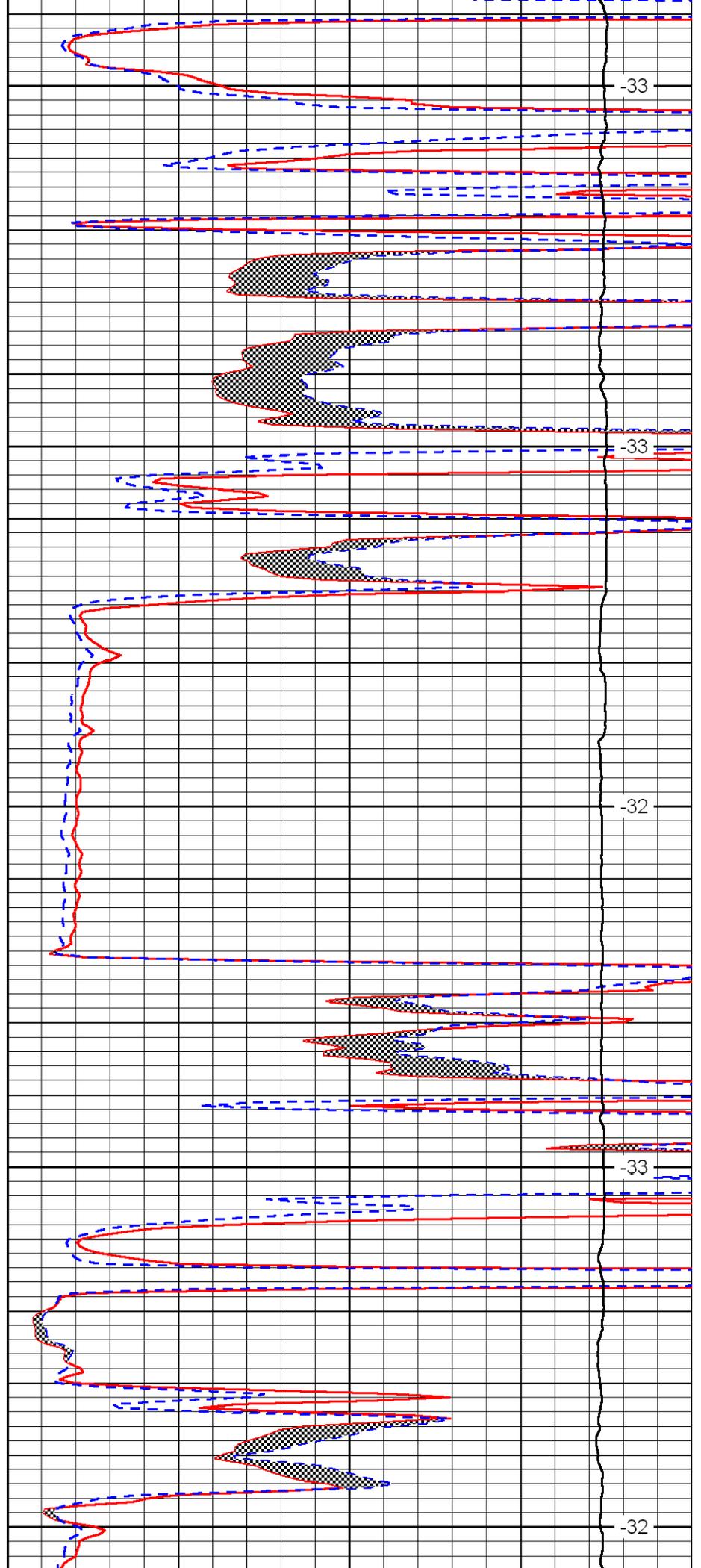
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1750

1800

1850

1900



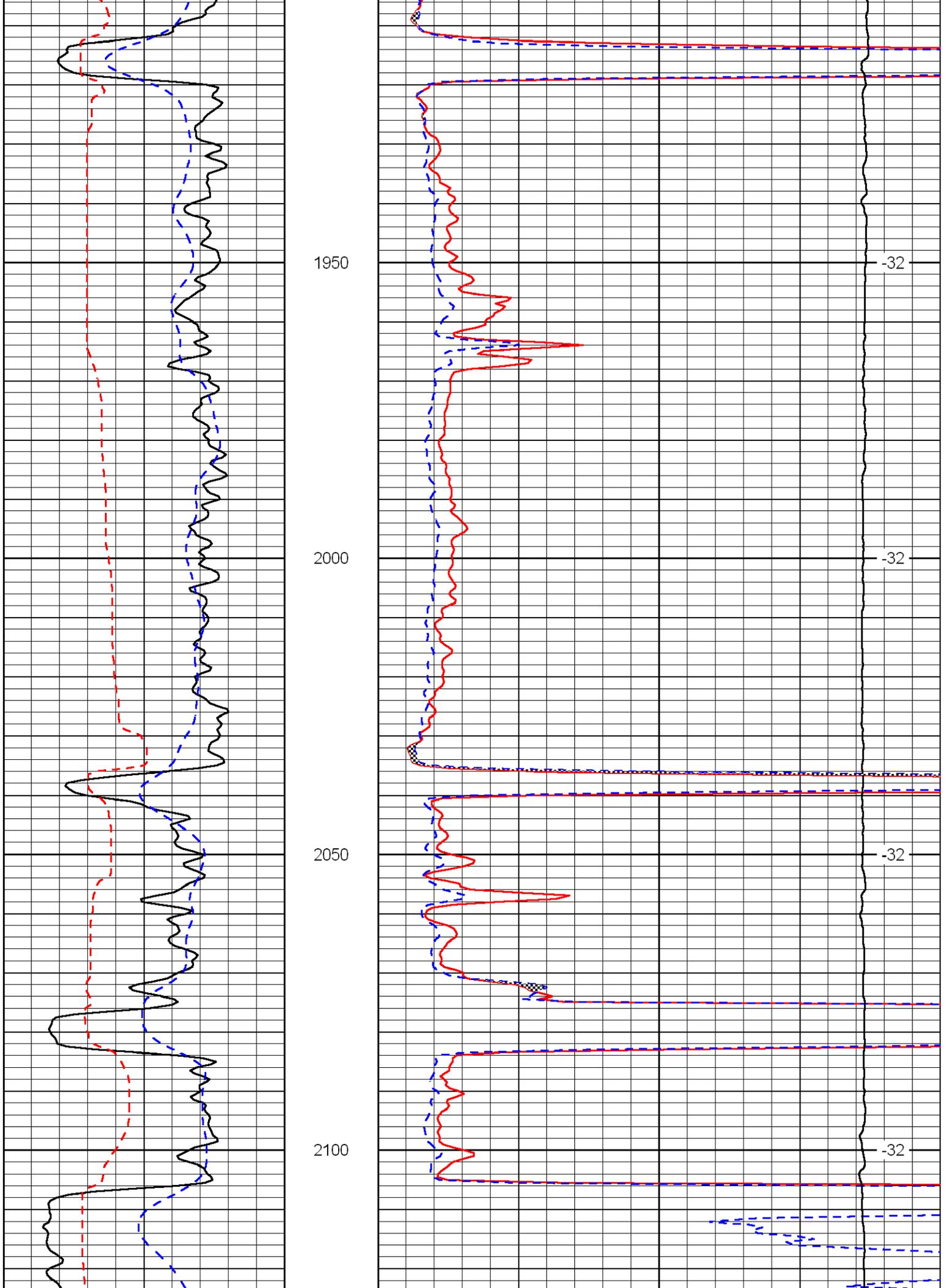
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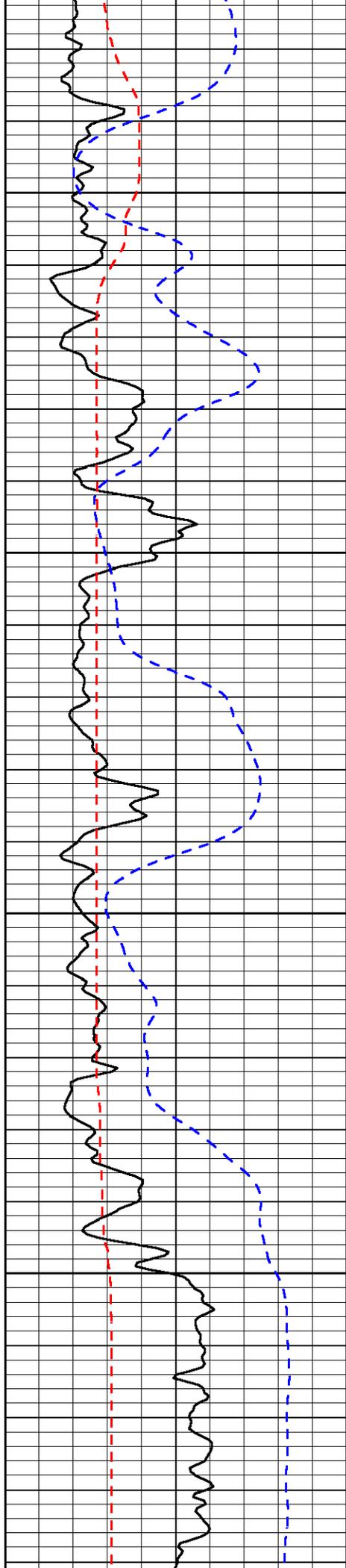
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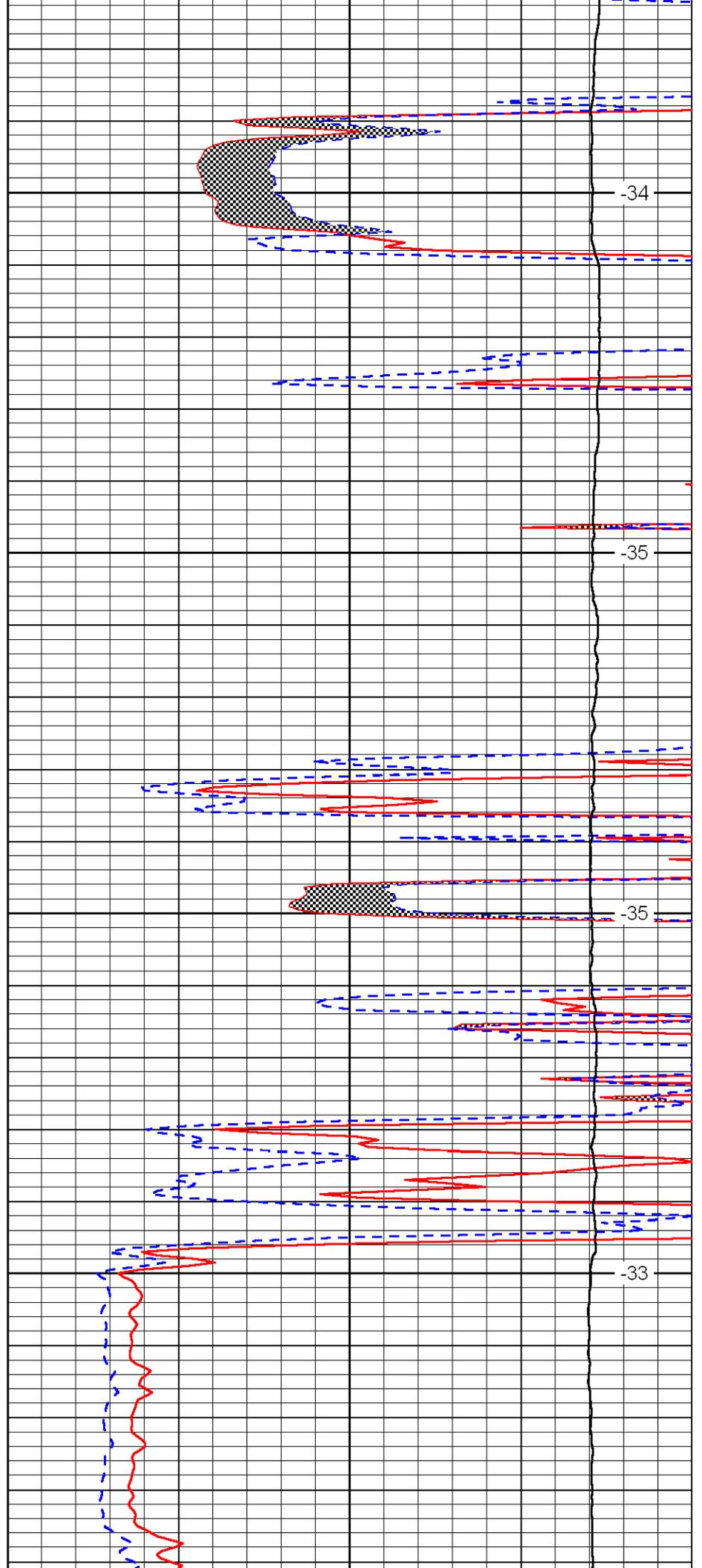


2150

2200

2250

2300

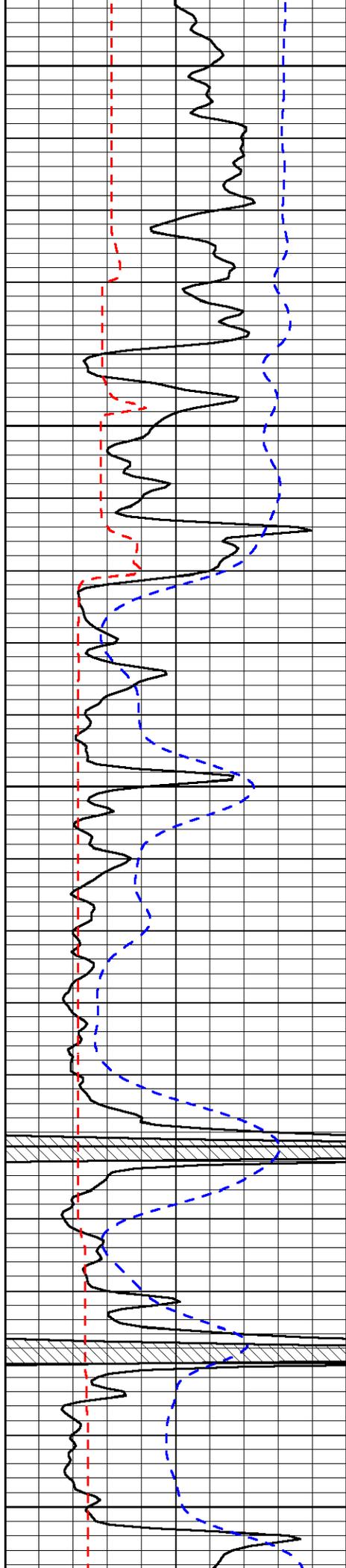


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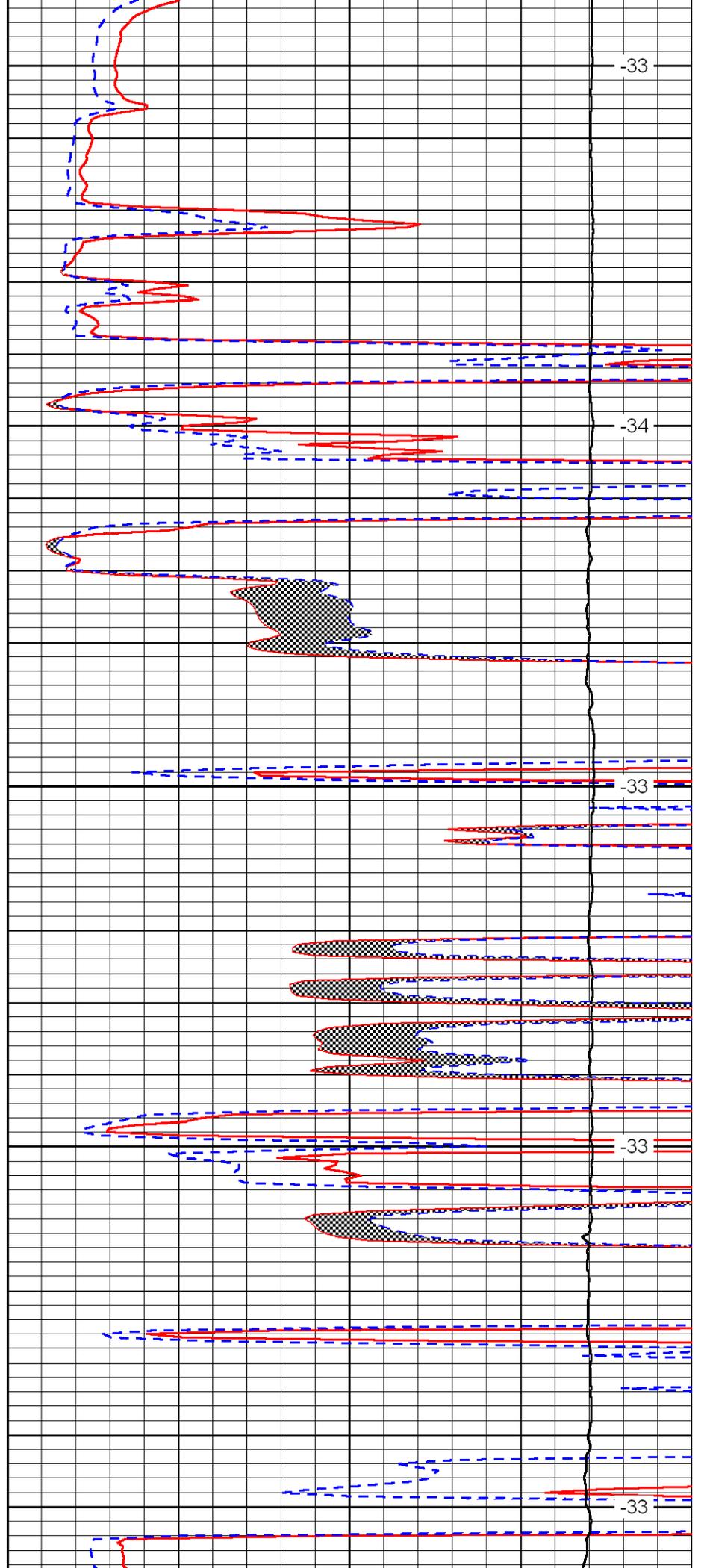
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2400

2450

2500

2550



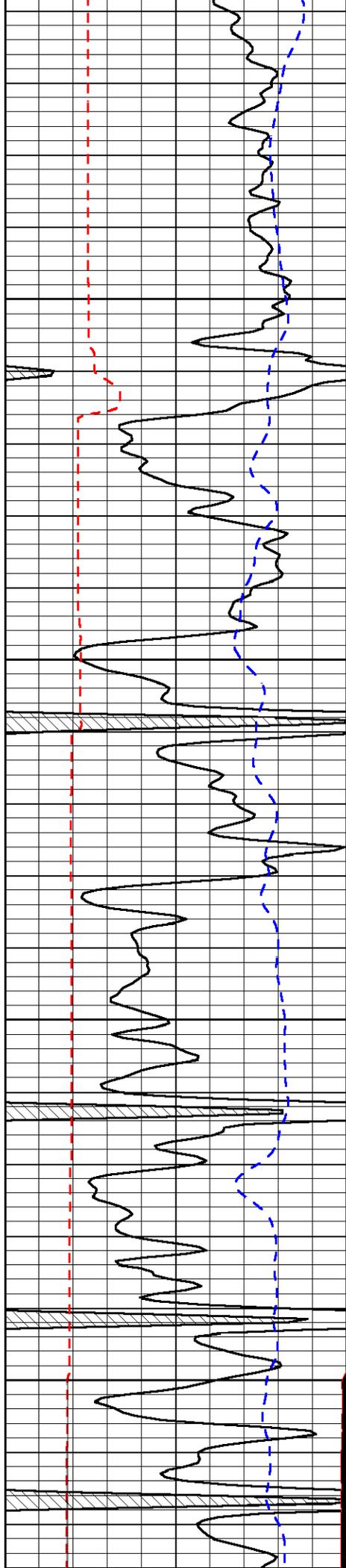
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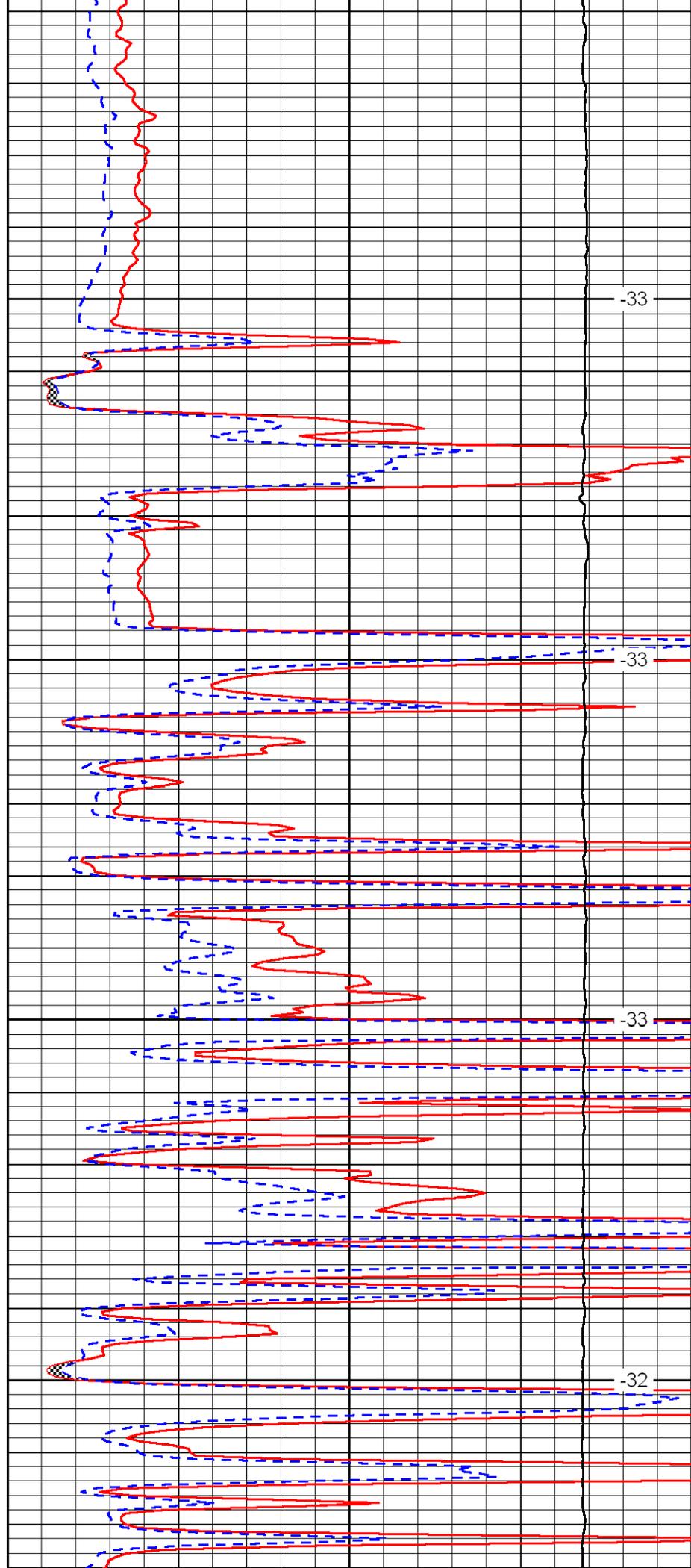


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2650

2700

2750

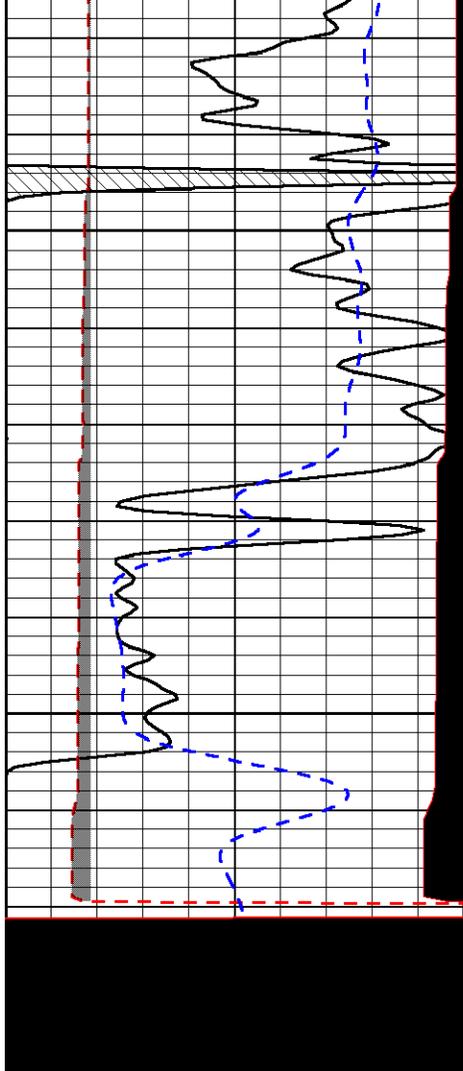


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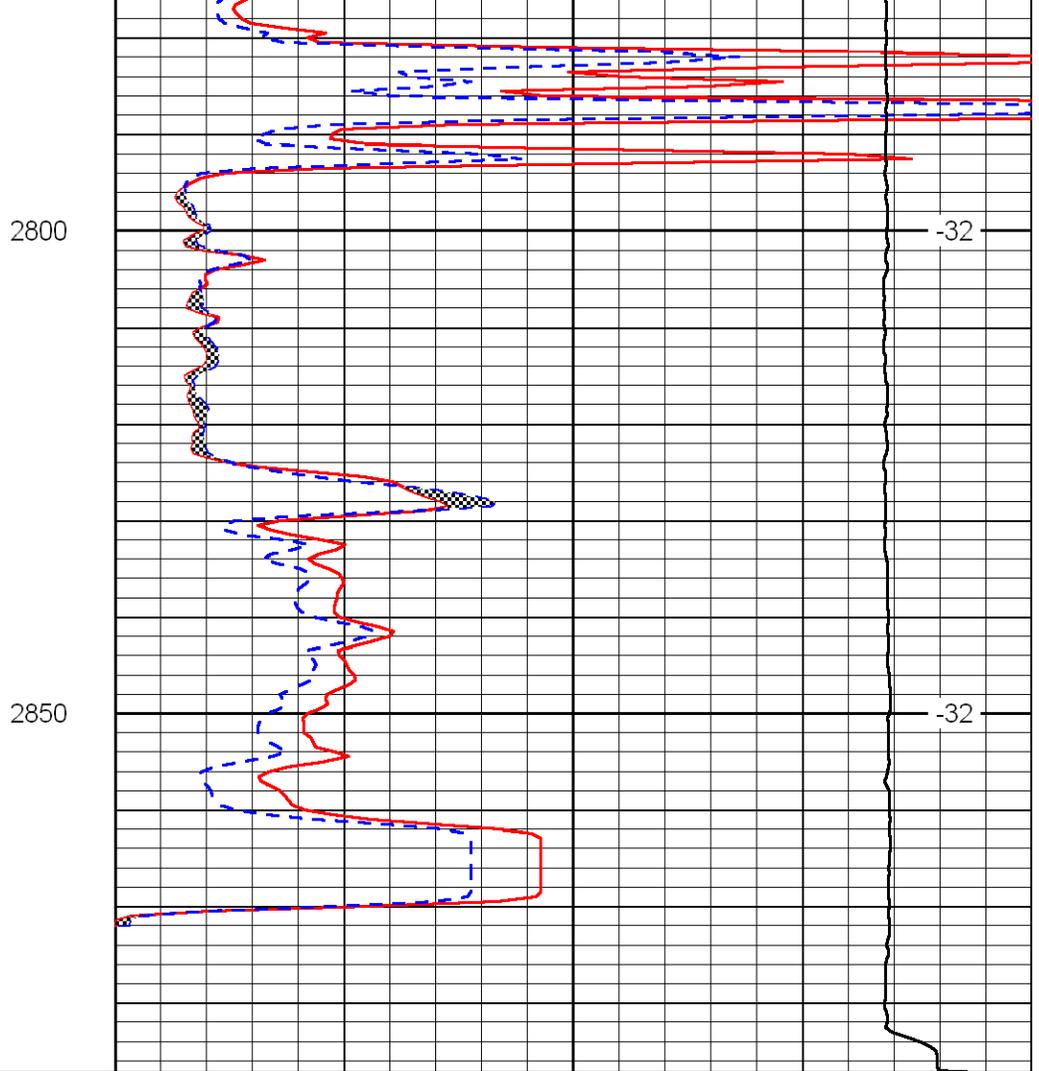
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