



Pioneer Energy Services

Microresistivity Log

15-153-20984-00-00

API No.

Company **Berexco, LLC**
 Well **Michael #1-23**
 Field **East Fork**
 County **Rawlins** State **Kansas**

Location **990' FNL & 330' FWL**

Sec: **23** Twp: **1S** Rge: **36W**

Other Services
RAG

Elevation

K.B. 3284
 D.F. 3271
 G.L. 3271

Permanent Datum **Ground Level** Elevation **3271**
 Log Measured From **Kelly Bushing** 13 Ft. Above Perm. Datum
 Drilling Measured From **Kelly Bushing**

Date	2/19/2014	
Run Number	Two	
Depth Driller	4520	
Depth Logger	4515	
Bottom Logged Interval	4514	
Top Log Interval	3500	
Casing Driller	8.625 @ 310	
Casing Logger	310	
Bit Size	7.875	
Type Fluid in Hole	Chemical	
Salinity, ppm CL	900	
Density / Viscosity	9.6 43	
pH / Fluid Loss	10.5 6.0	
Source of Sample	Flowline	
Rm @ Meas. Temp	0.71 @ 55	
Rmf @ Meas. Temp	0.53 @ 55	
Rmc @ Meas. Temp	0.96 @ 55	
Source of Rmf / Rmc	Charts	
Rm @ BHT	0.32 @ 123	
Operating Rig Time	4 Hours	
Max Rec. Temp. F	123	
Equipment Number	91	
Location	Hays	
Recorded By	D. Schmidt	
Witnessed By	Pete Vollmer	

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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

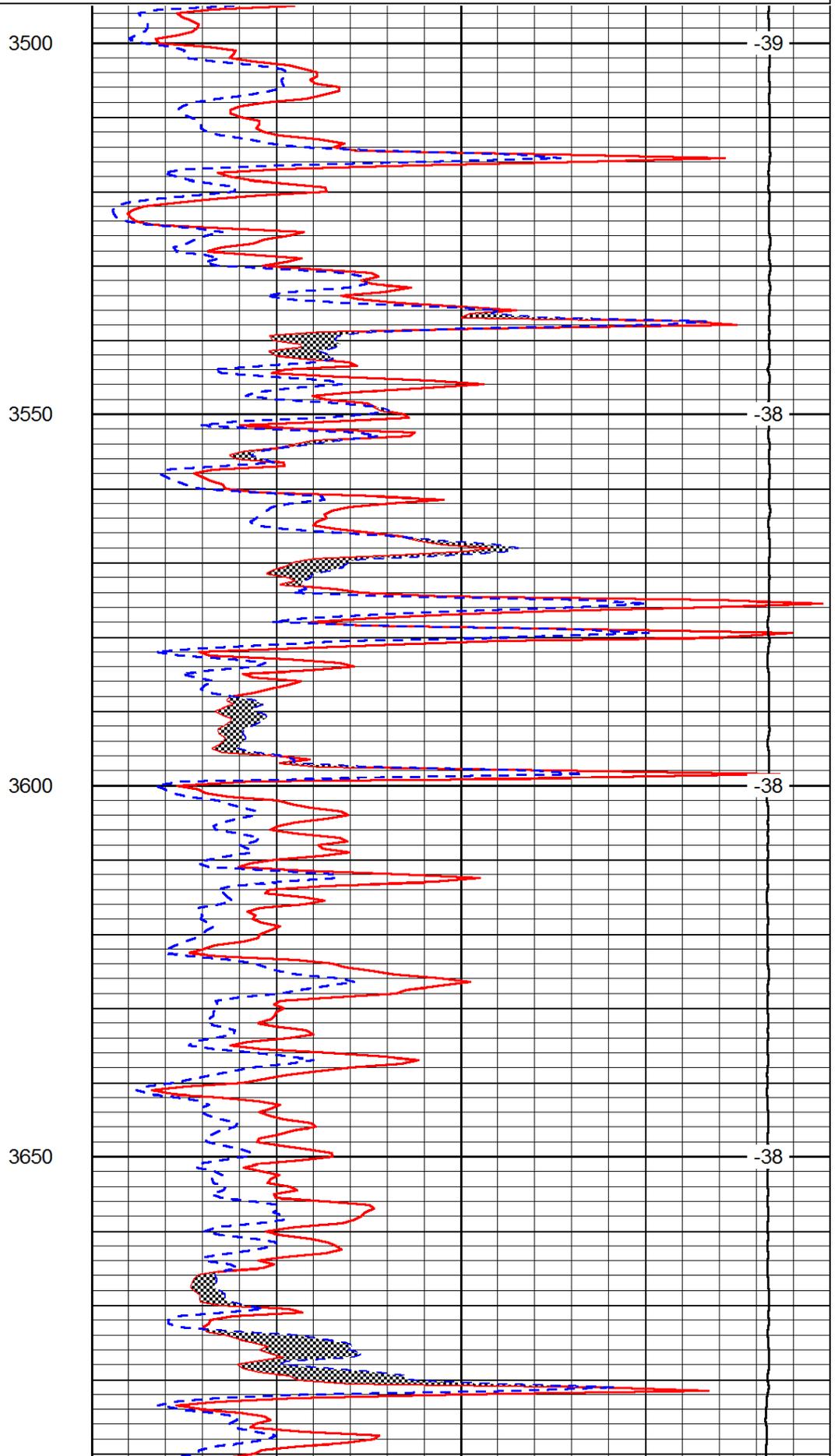
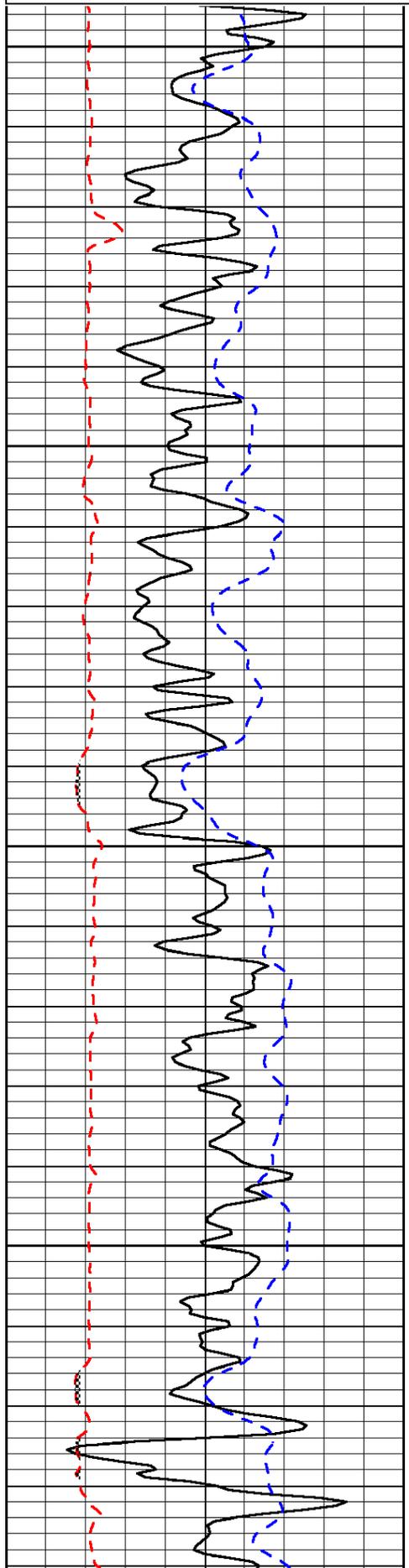
Thank you for using Pioneer Energy Services
www.pioneerres.com
 785 625 3858
 Beardsley,
 North to AA Rd, West to 5.5 Rd, North to BB Rd,
 1/2 West and South into

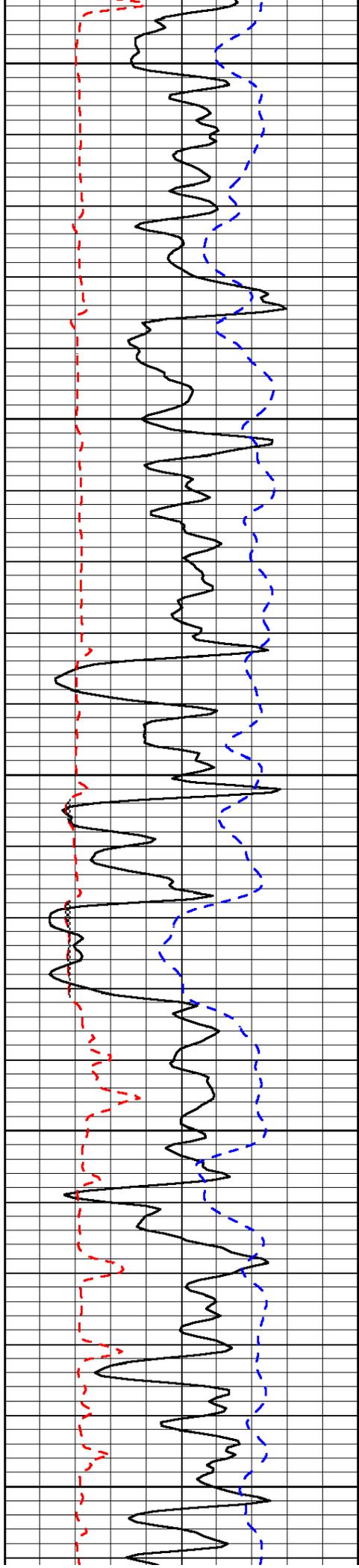
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 Presentation Format: micro
 Dataset Creation: Wed Feb 19 17:53:37 2014
 Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150
6	Micro Log Caliper (GAPI)	16
-200	SP (mV)	0

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

LSPD





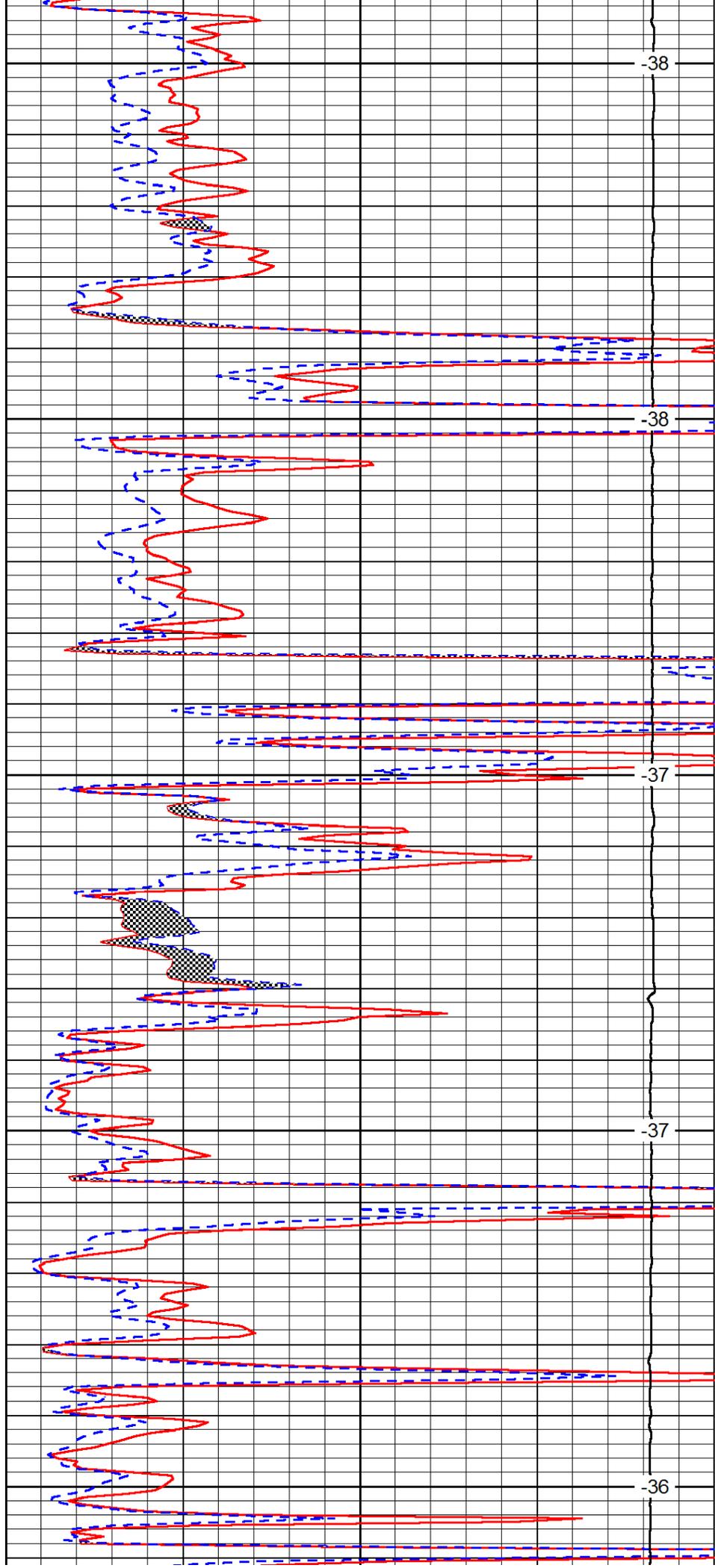
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3750

3800

3850

3900



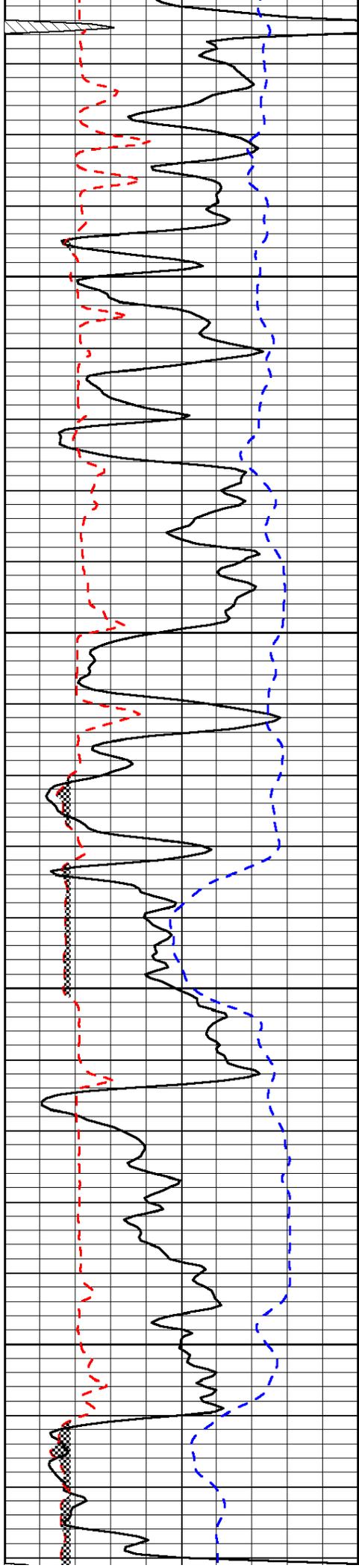
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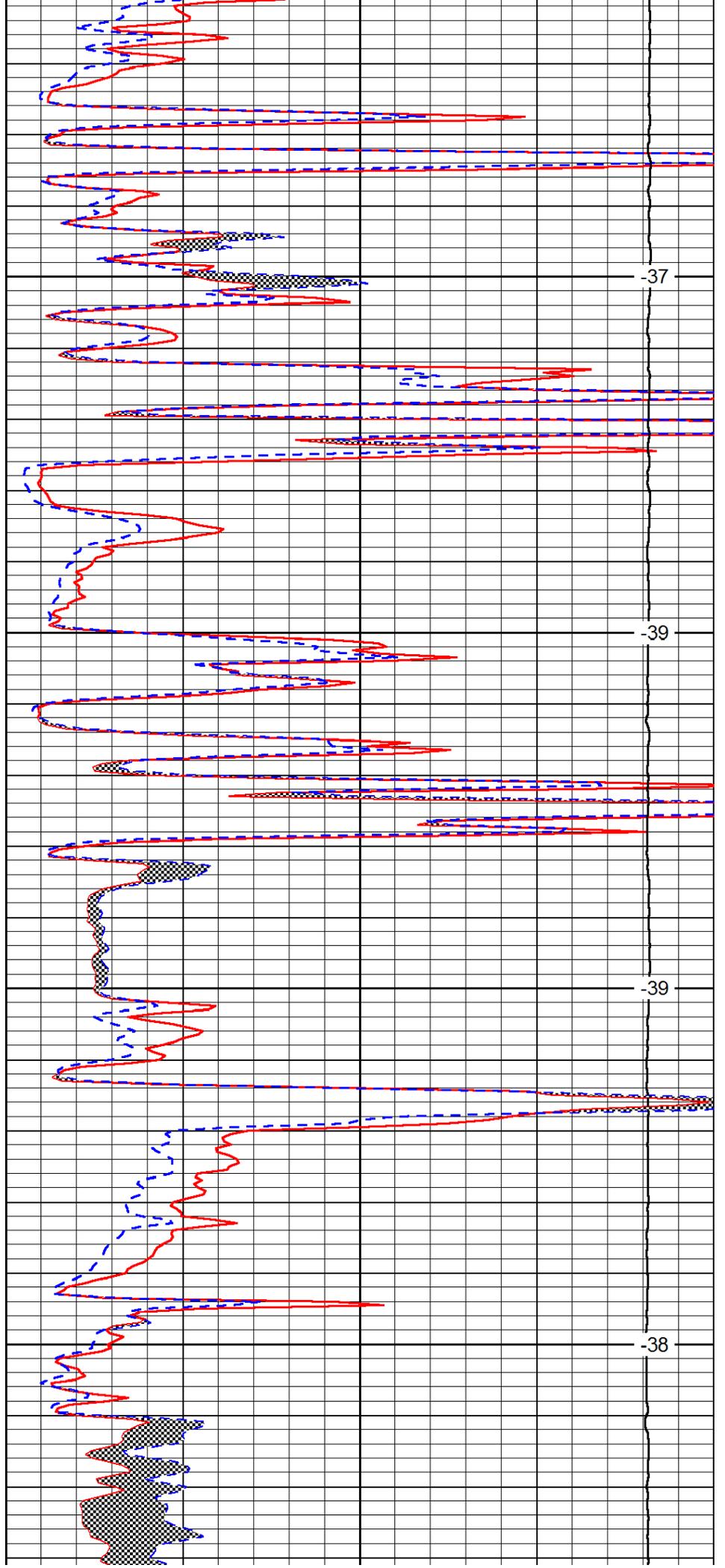


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4050

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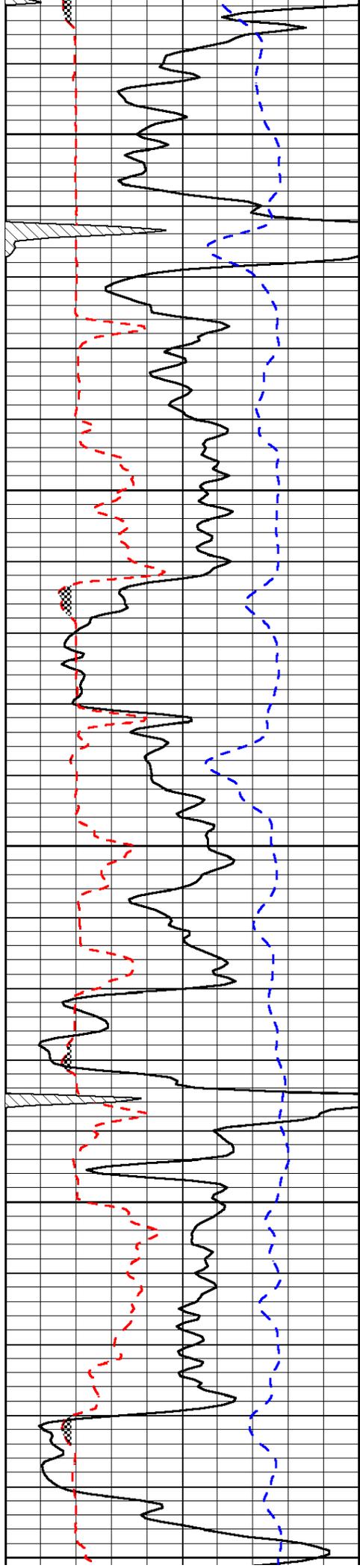


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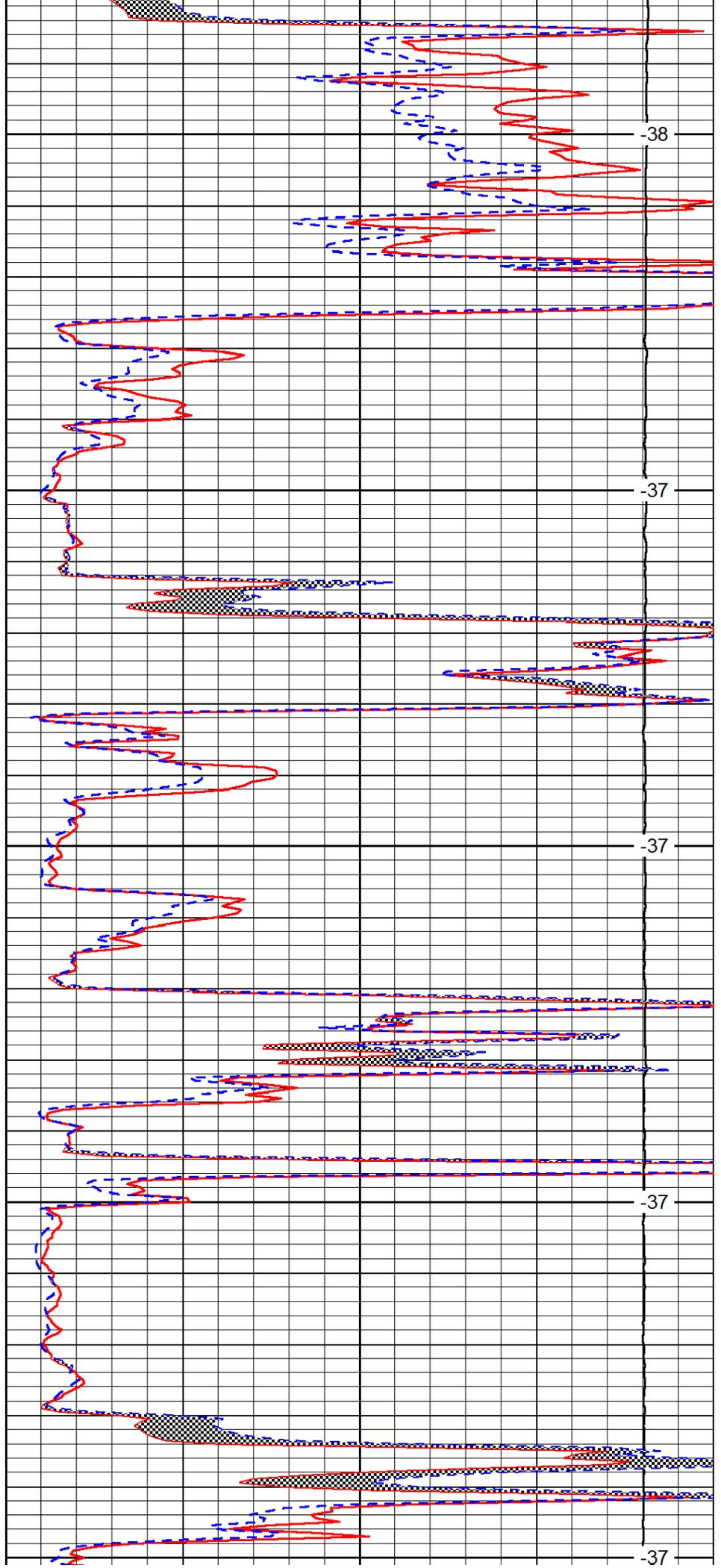
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4300

4350



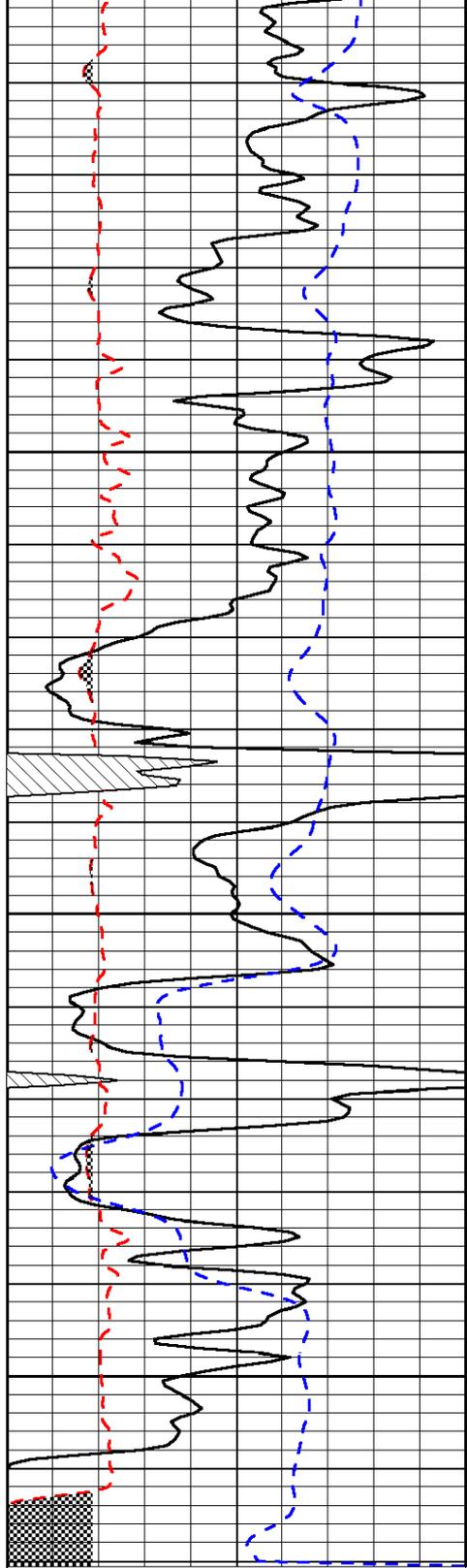
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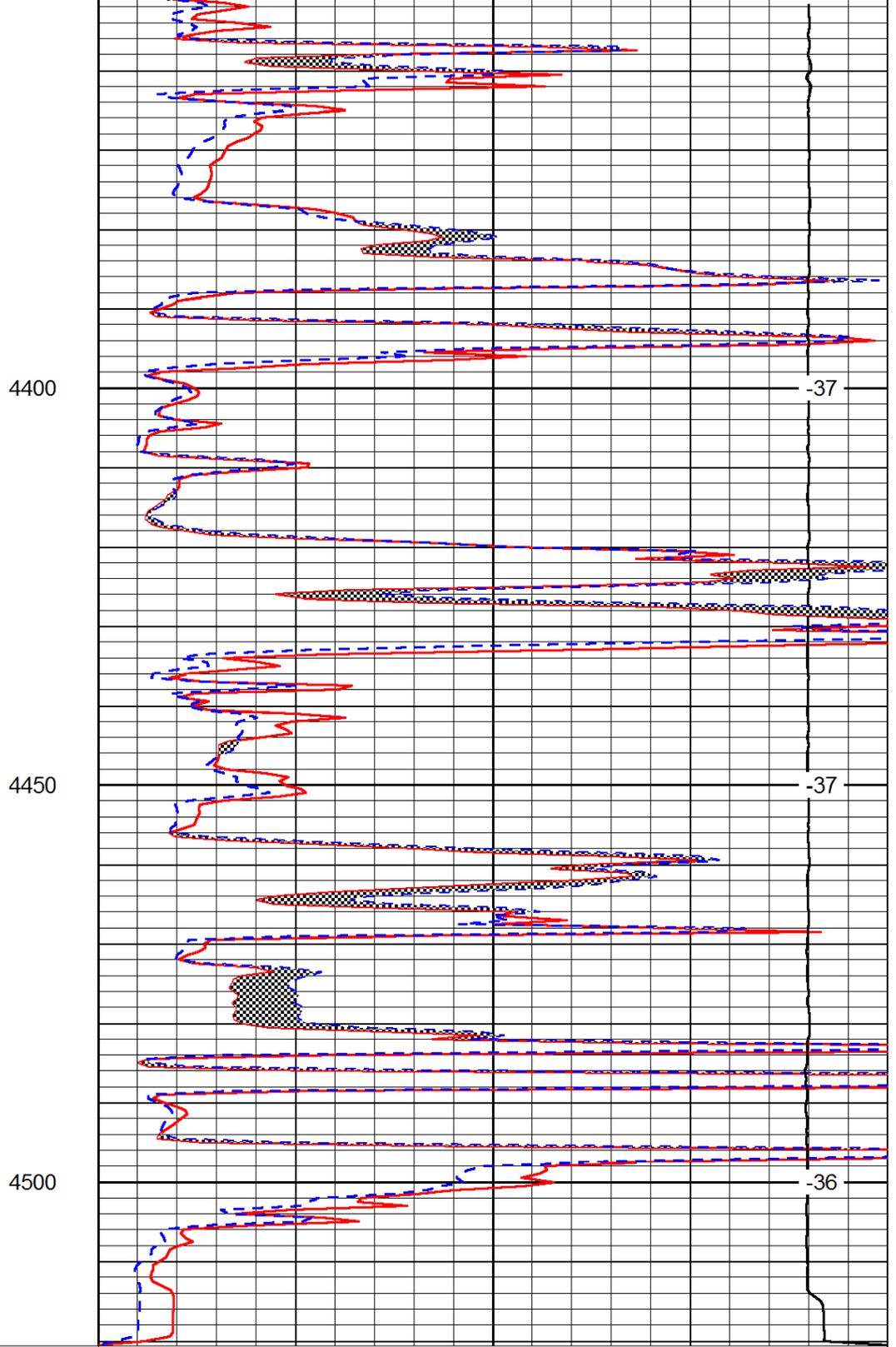
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