



Pioneer Energy Services

Microresistivity Log

API No.	Company McCoy Petroleum Corporation				
	Well Stewart "A" No. 2-31				
	Field Love-Three North				
	County	Sumner	State	Kansas	
15-191-22,680-00-00	Location	990' FSL & 1,750' FEL			Other Services CNL/CDL DIL
	Sec: 31	Tw: 31S	Rge: 3W	Elevation	
	Permanent Datum	Ground Level	Elevation 1288	K.B.	1297
	Log Measured From	Kelly Bushing	9 Ft. Above Perm. Datum	D.F.	
Drilling Measured From Kelly Bushing					G.L. 1288
Date	4/19/2013				
Run Number	Two				
Depth Driller	4458				
Depth Logger	4454				
Bottom Logged Interval	4453				
Top Log Interval	2500				
Casing Driller	8.625 @ 276				
Casing Logger	275				
Bit Size	7.875				
Type Fluid in Hole	Chemical				
Salinity, ppm CL	4000				
Density / Viscosity	9.5	51			
pH / Fluid Loss	9.0	9.6			
Source of Sample	Flowline				
Rm @ Meas. Temp	.40 @ 65				
Rmf @ Meas. Temp	.30 @ 65				
Rmc @ Meas. Temp	.54 @ 65				
Source of Rmf / Rmc	Charts				
Rm @ BHT	.22 @ 121				
Operating Rig Time	4 Hours				
Max Rec. Temp. F	121				
Equipment Number	108				
Location	Hays				
Recorded By	J. Long				
Witnessed By	Evan Stone				

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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.

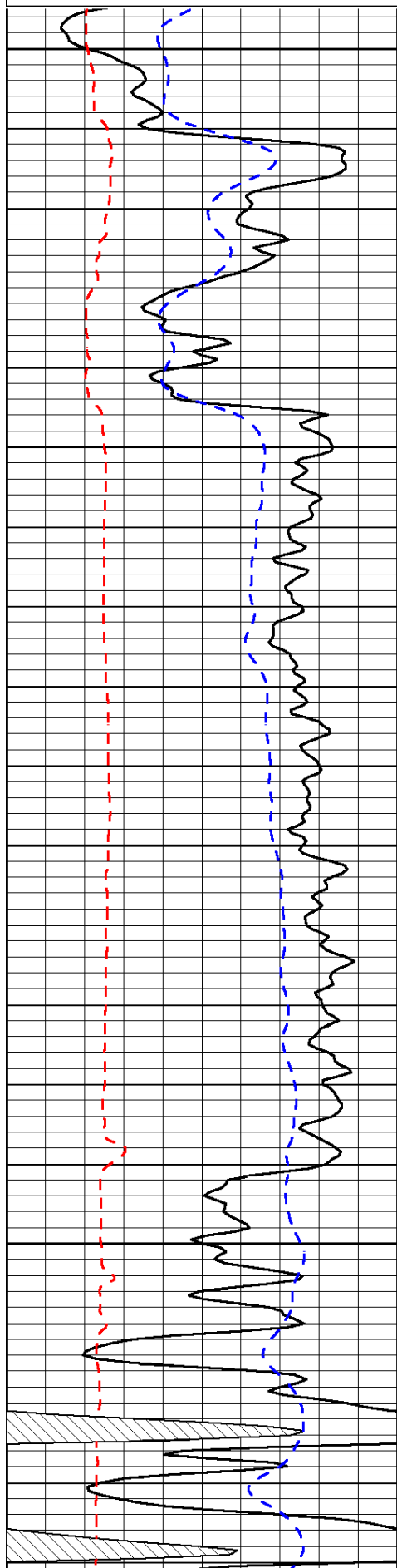
Comments

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

Conway Springs, 5 South to West 40th Avenue, 2 West, 1 South, 1/2 West, North Into

Database File: c:\warrior\data\mccoy_stewart a #2-31\mccoy_stewart_a_2-31hd.db
Dataset Pathname: dil/mcstck
Presentation Format: micro
Dataset Creation: Fri Apr 19 16:44:58 2013
Charted by: Depth in Feet scaled 1:240

Charted by: Depth in Feet scaled 1:210		
0	Gamma Ray	150
6	Micro Log Caliper (GAPI)	16
-200	SP (mV)	0



2500

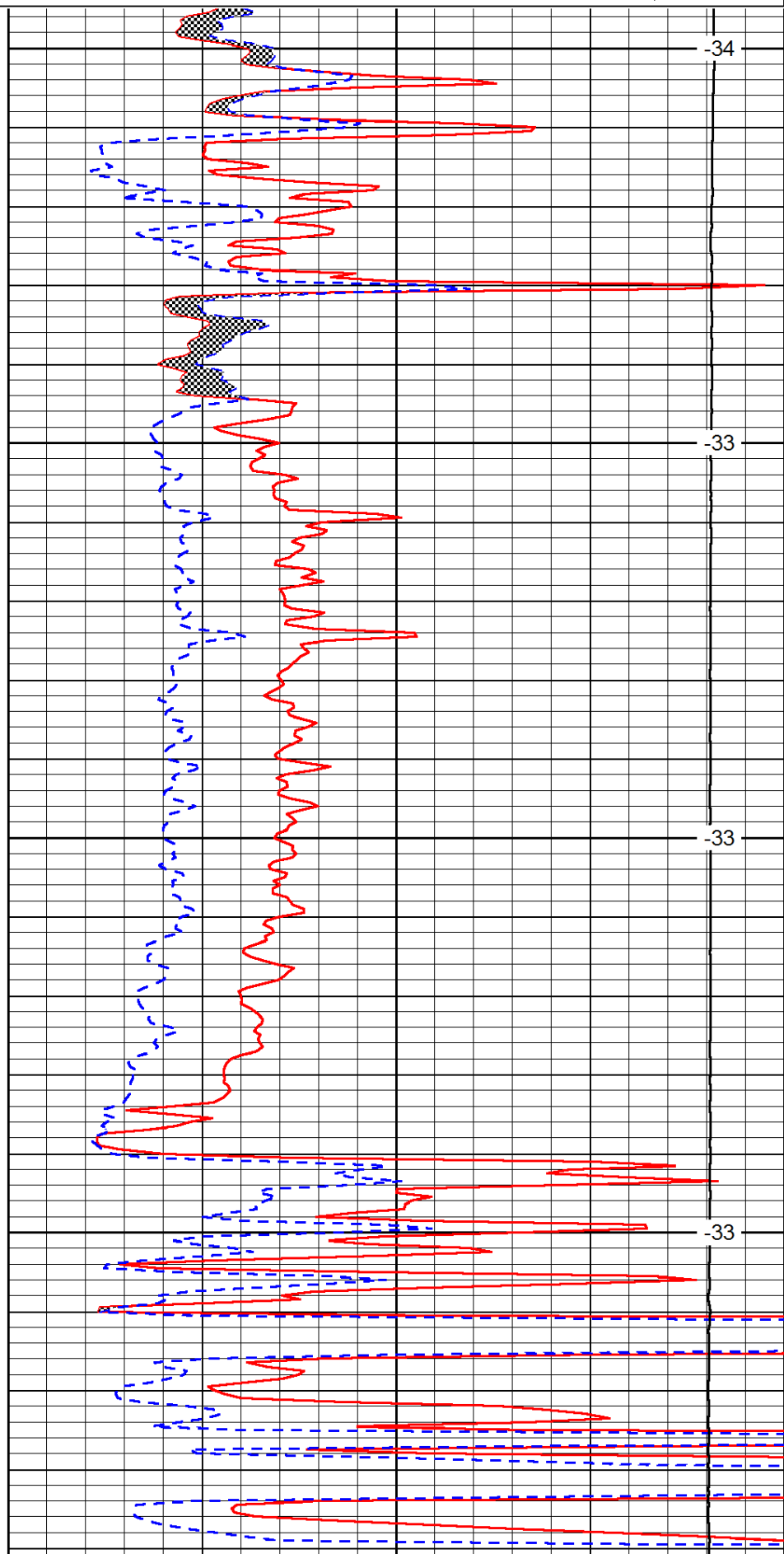
2550

2600

2650

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

LSPD

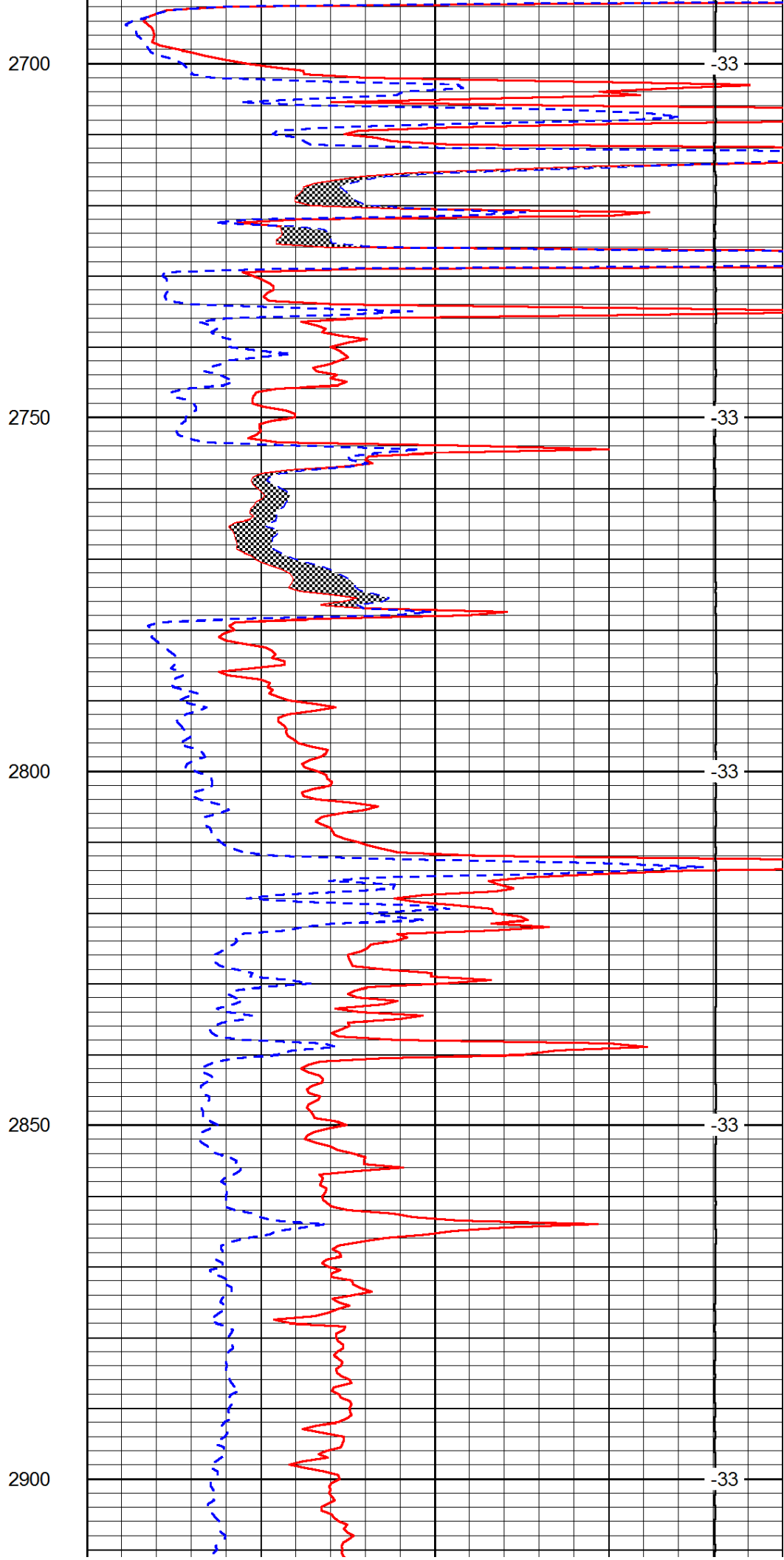
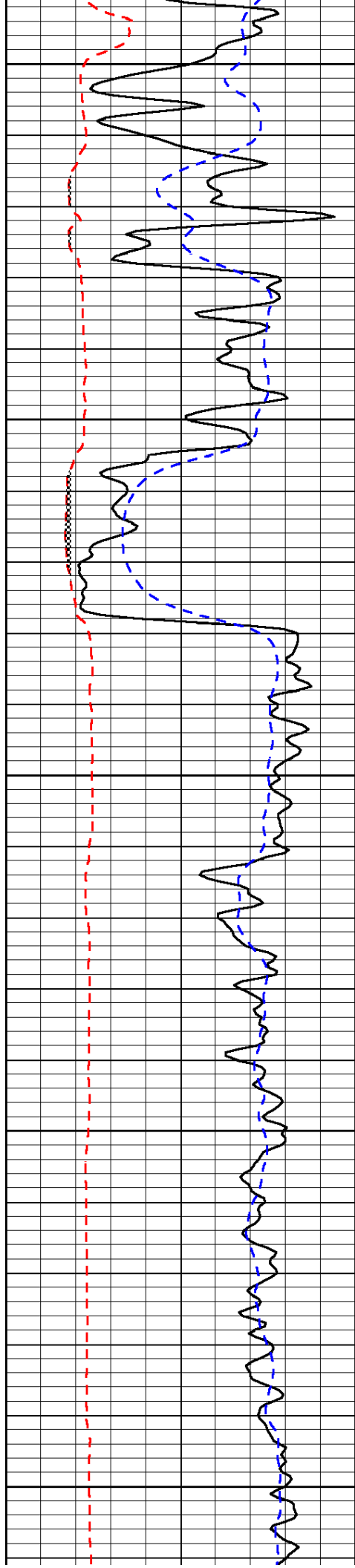


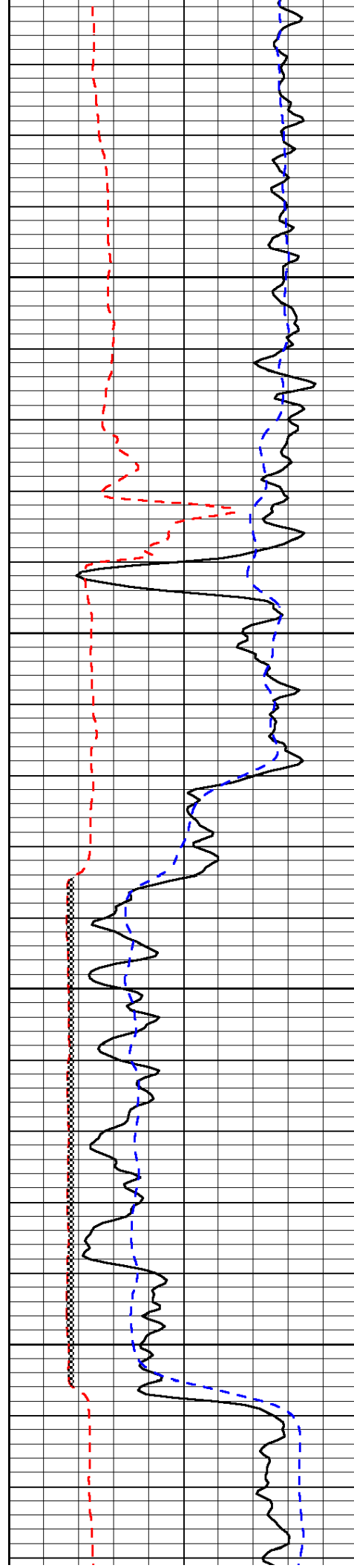
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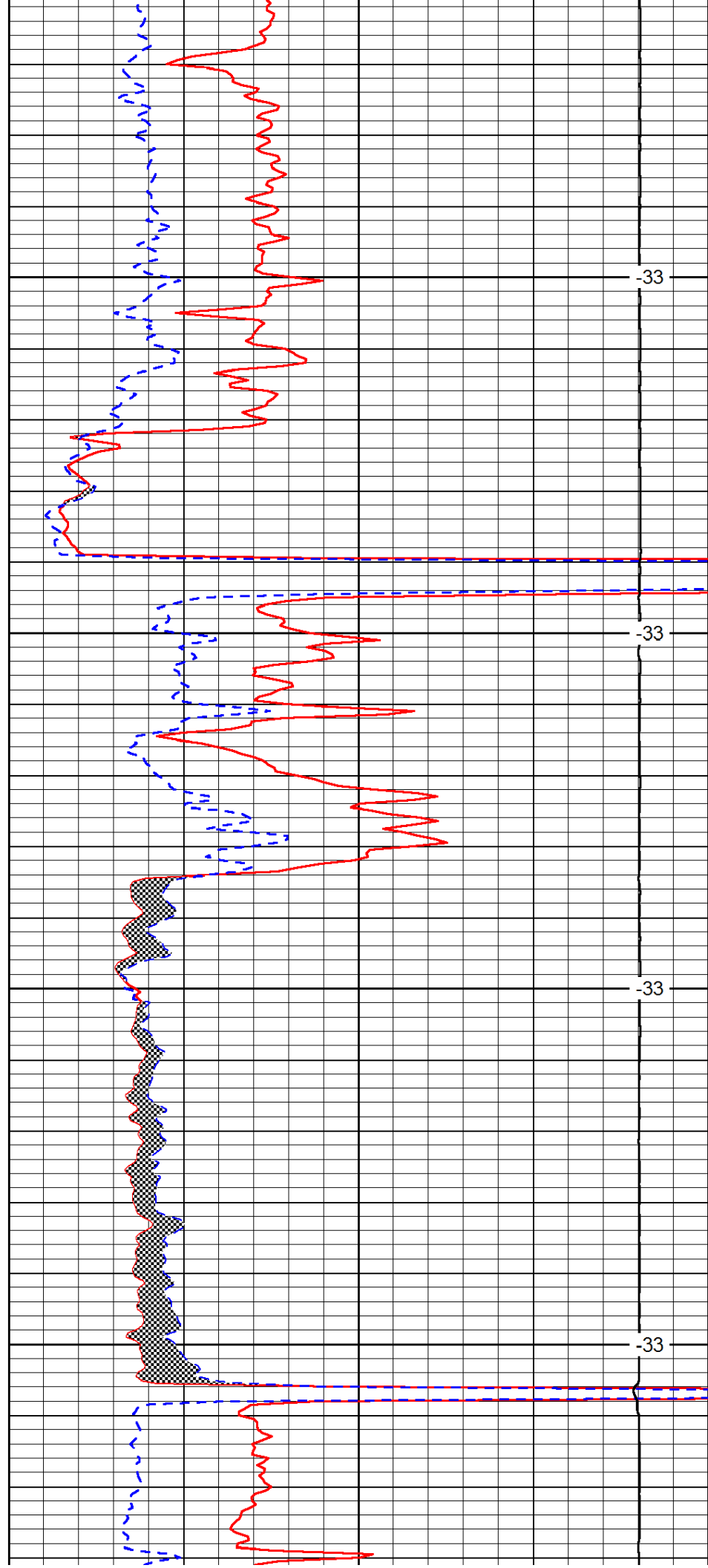


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3000

3050

3100

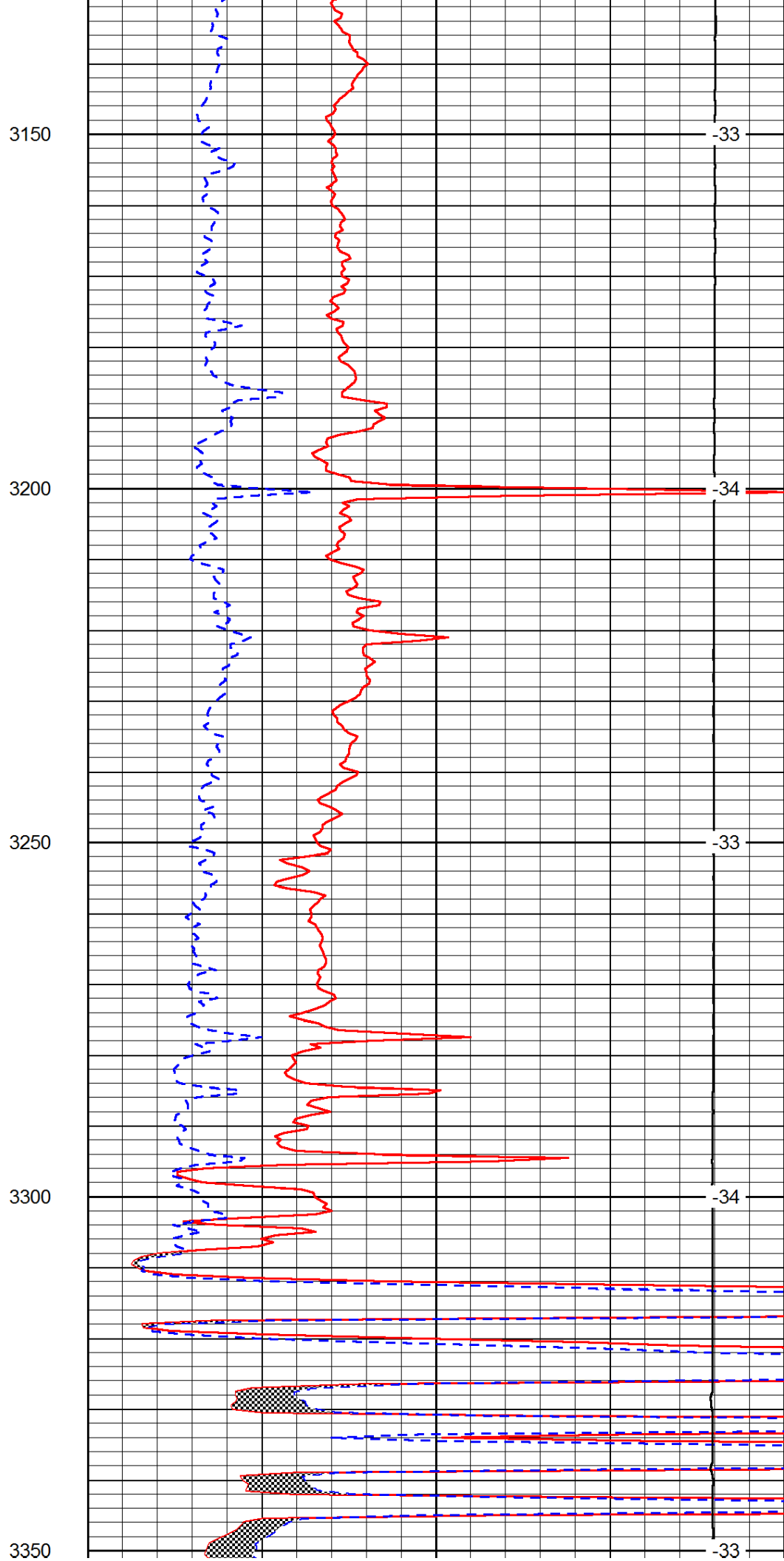
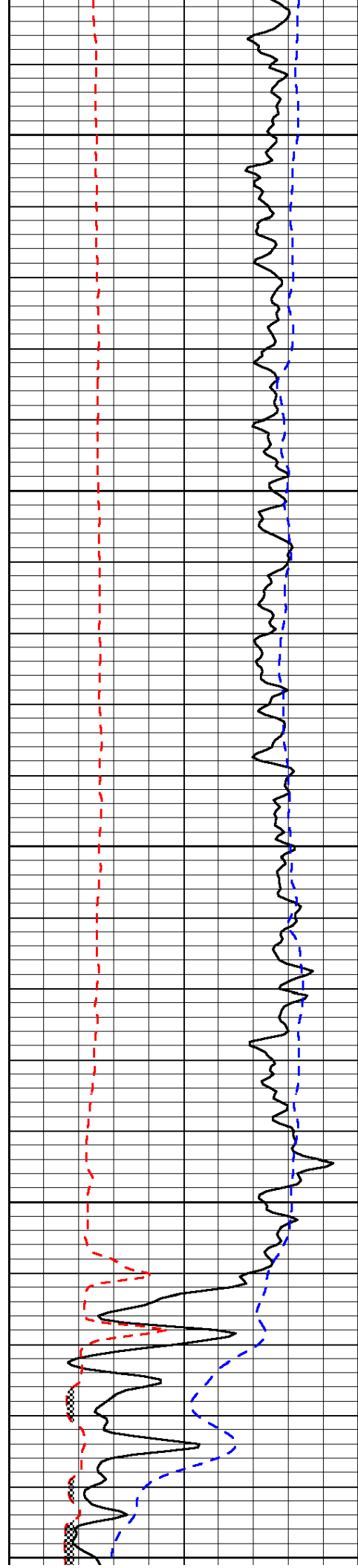


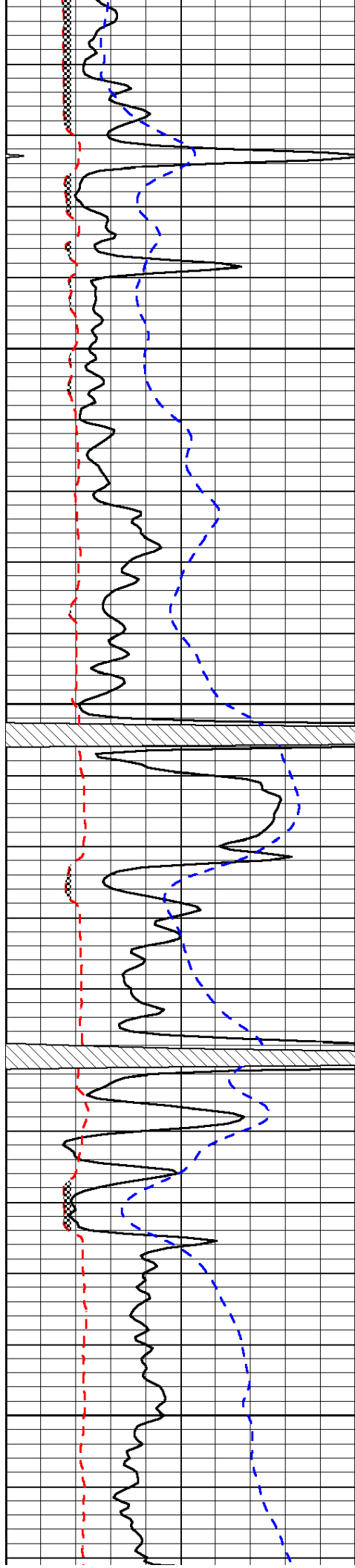
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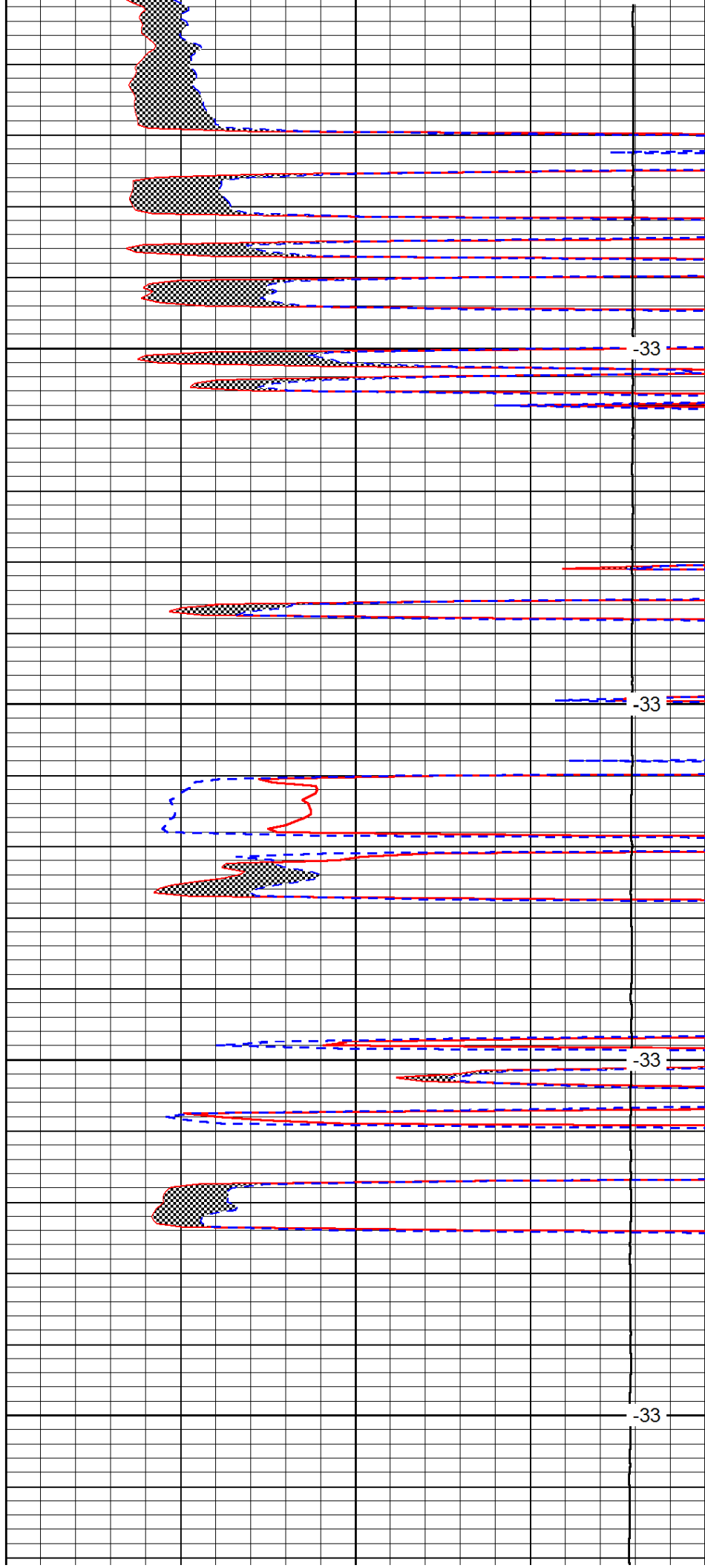


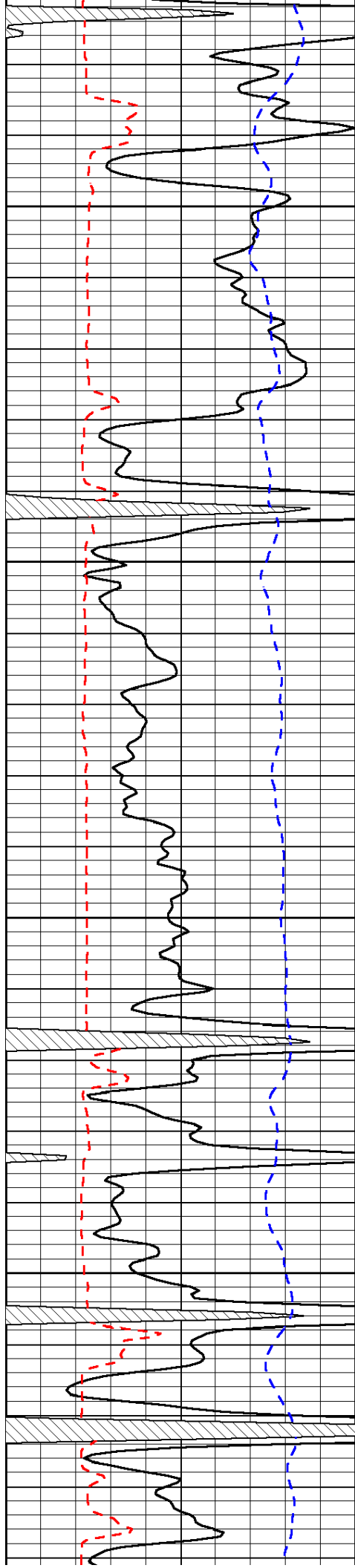
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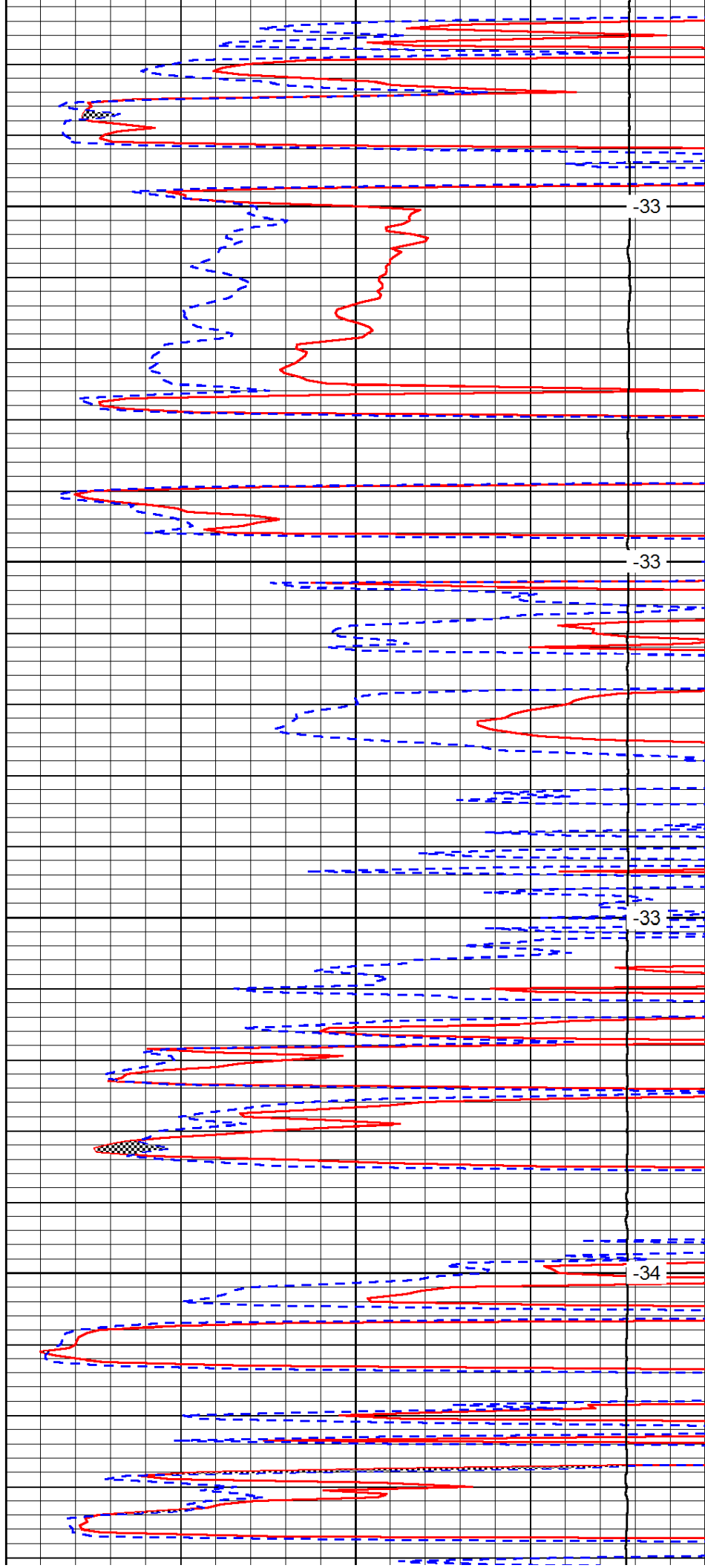


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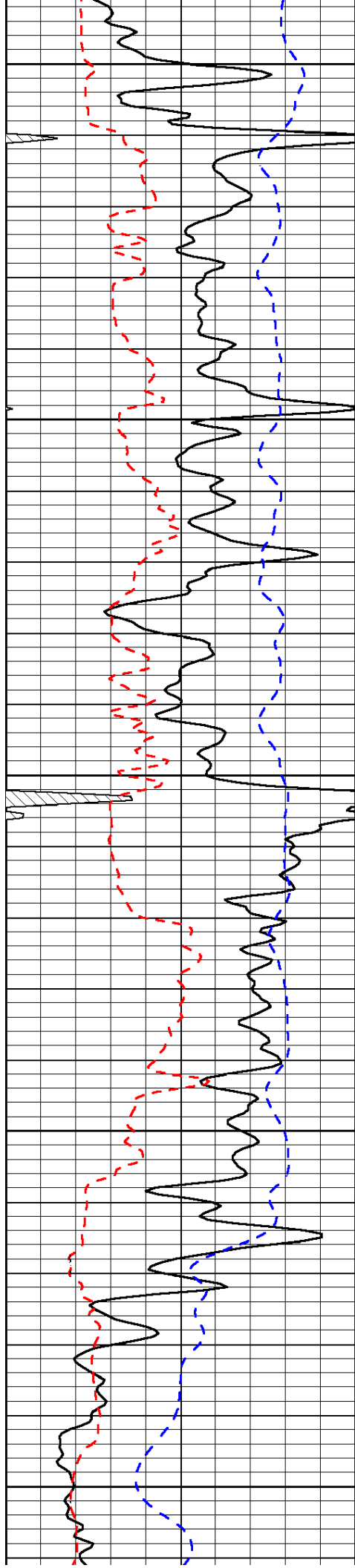


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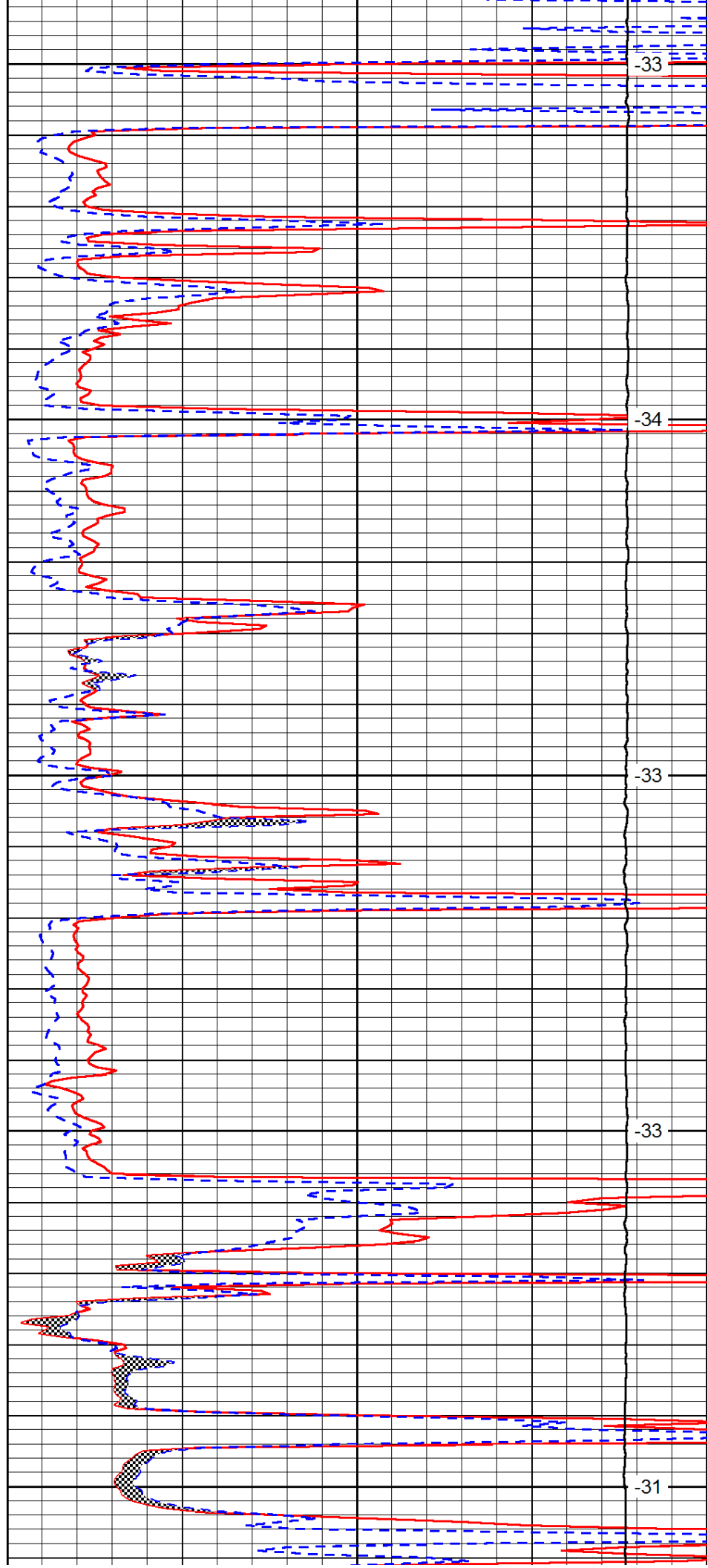
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4000



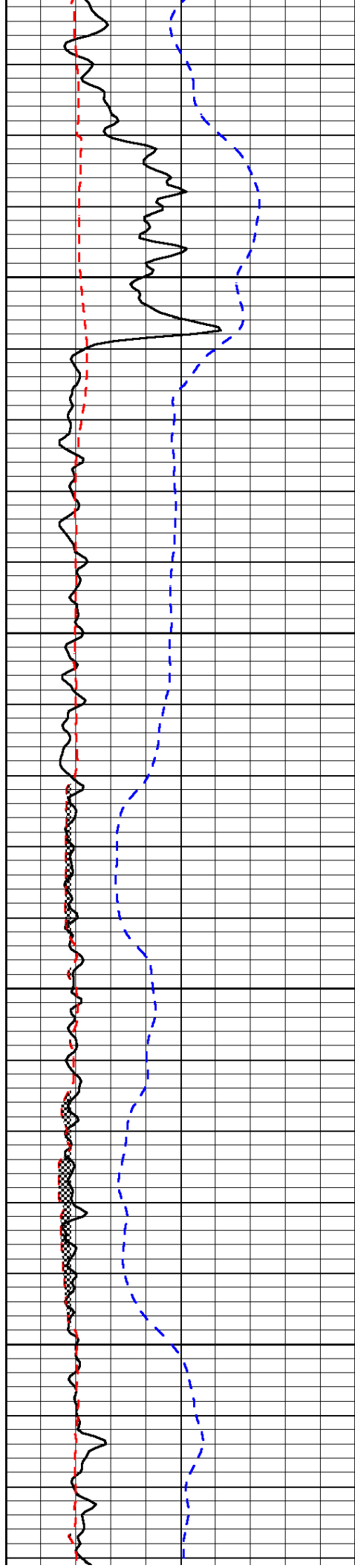
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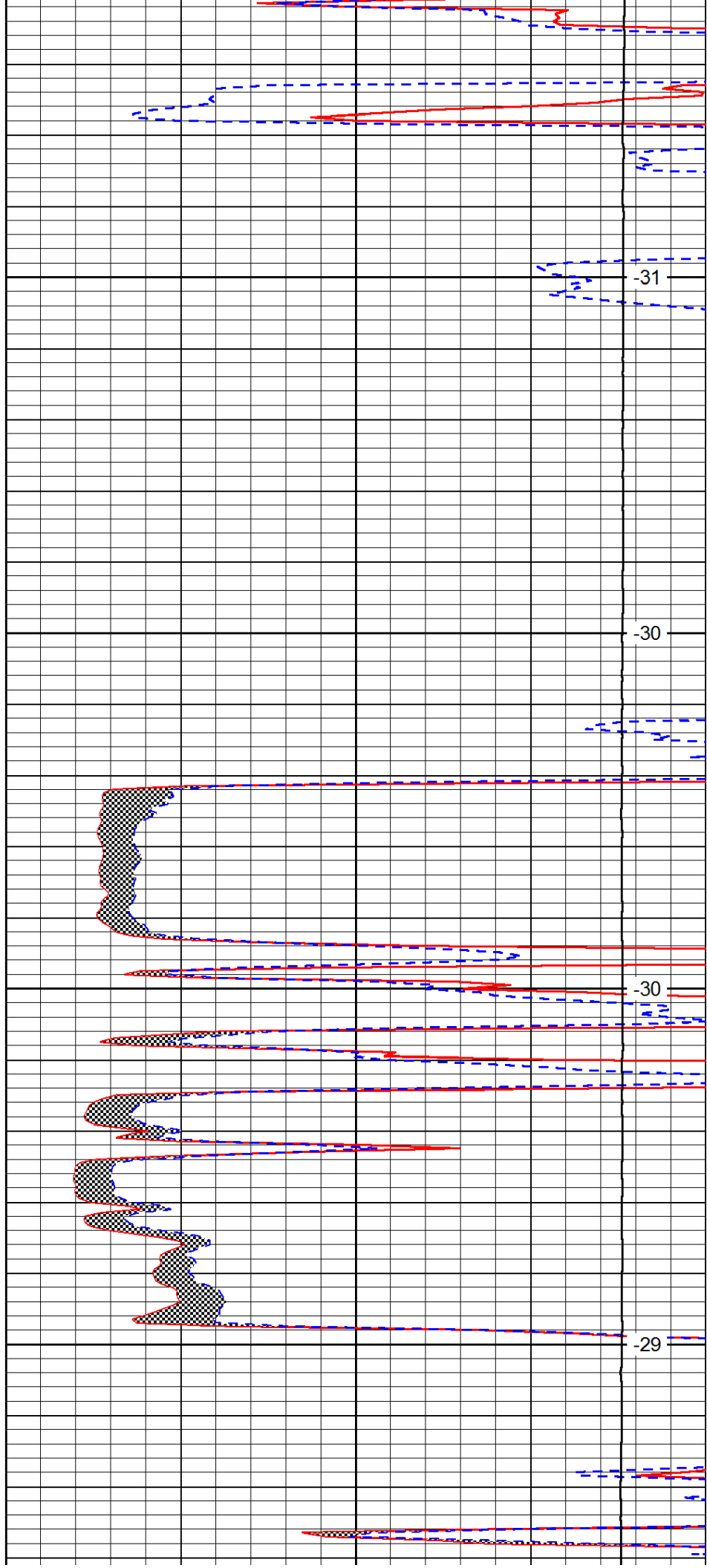


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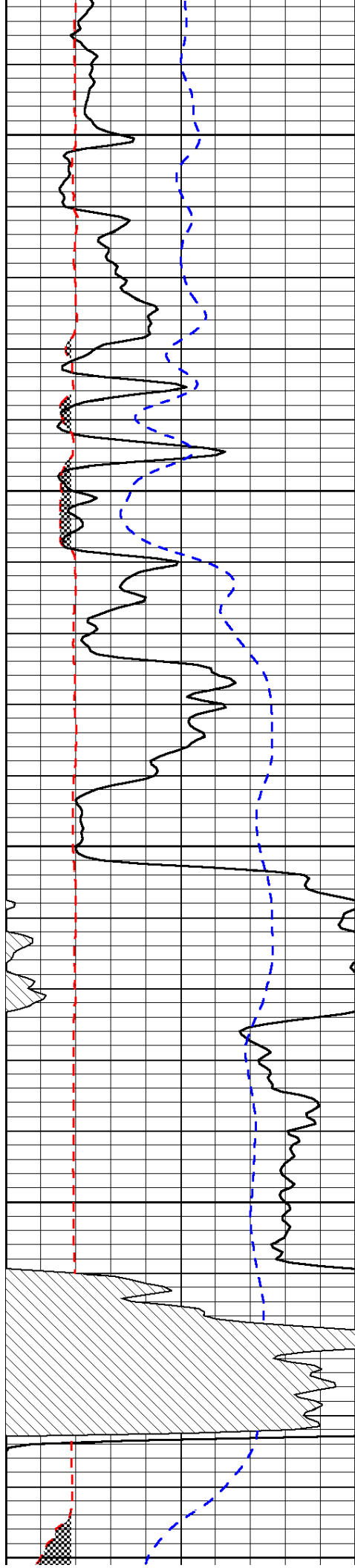


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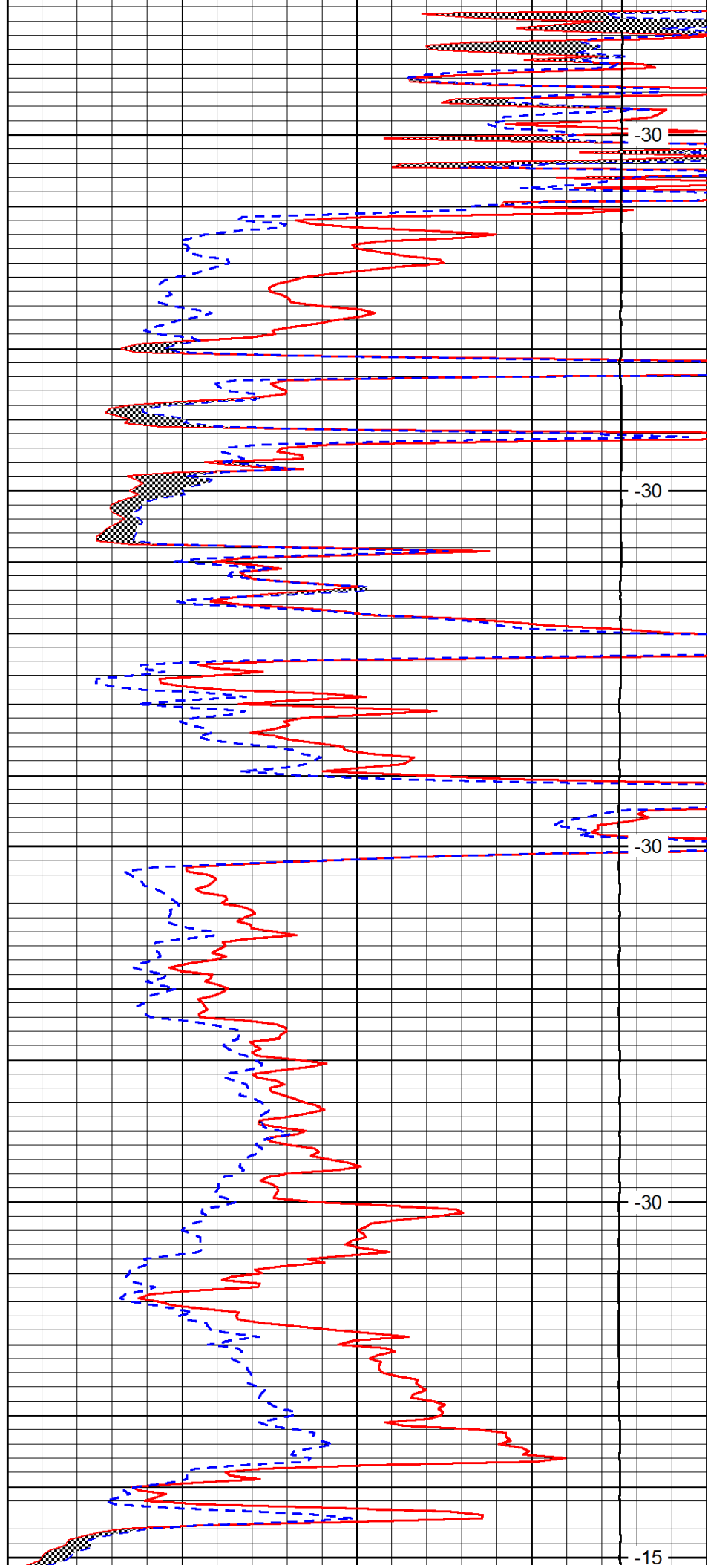
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4400

4450



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