



Microresistivity Log

DIGITAL LOG (785) 625-3858

API No.	Company Murfin Drilling Co., Inc.				
	Well Lundgren No. 1-36				
	Field Lundgren				
	County Gove	State	Kansas		
15-063-21,915-00-00	Location 1800' FSL & 330' FEL		Other Services CNL/CDL DIL/BHCS		
	Sec: 36	Twp: 14 S	Rge: 30 W	Elevation	
Permanent Datum	Ground Level		Elevation 2687	K.B. 2692	
Log Measured From	Kelly Bushing	5	Ft. Above Perm. Datum	D.F. 2687	
Drilling Measured From	Kelly Bushing	G.L. 2687			
Date	5/24/2011				
Run Number	Two				
Depth Driller	4450				
Depth Logger	4448				
Bottom Logged Interval	4447				
Top Log Interval	3350				
Casing Driller	8.625 @ 221				
Casing Logger	217				
Bit Size	7.875				
Type Fluid in Hole	Chemical				
Salinity, ppm CL	2,500				
Density / Viscosity	9.2	48			
pH / Fluid Loss	10.0	7.6			
Source of Sample	Flowline				
Rm @ Meas. Temp	.85 @ 65				
Rmf @ Meas. Temp	.64 @ 65				
Rmc @ Meas. Temp	1.15 @ 65				
Source of Rmf / Rmc	Charts				
Rm @ BHT	.45 @ 123				
Operating Rig Time	5 Hours				
Max Rec. Temp. F	123				
Equipment Number	4				
Location	Hays				
Recorded By	K. Bange				
Witnessed By	Robert Hendrix				

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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.

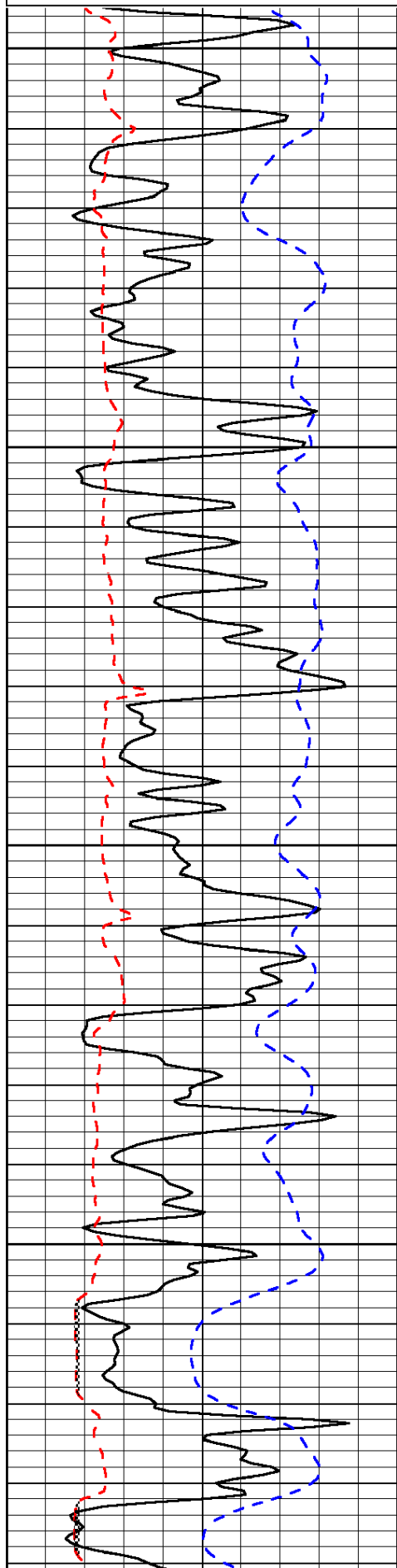
Comments

Thank you for using Log-Tech, Inc.
(785) 625-3858

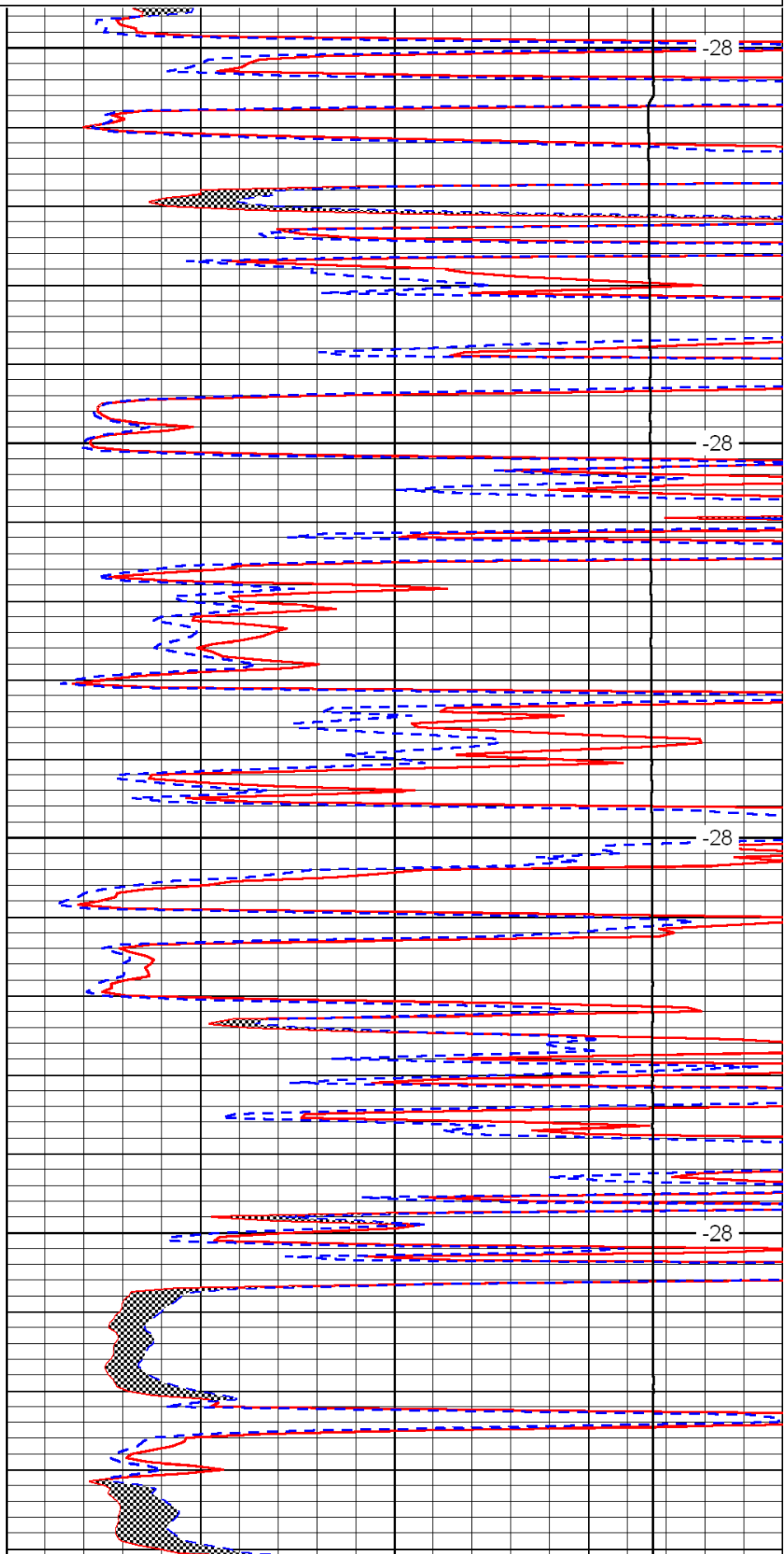
Gove, 10 S, 5 W, 1 1/2 S to wellsite

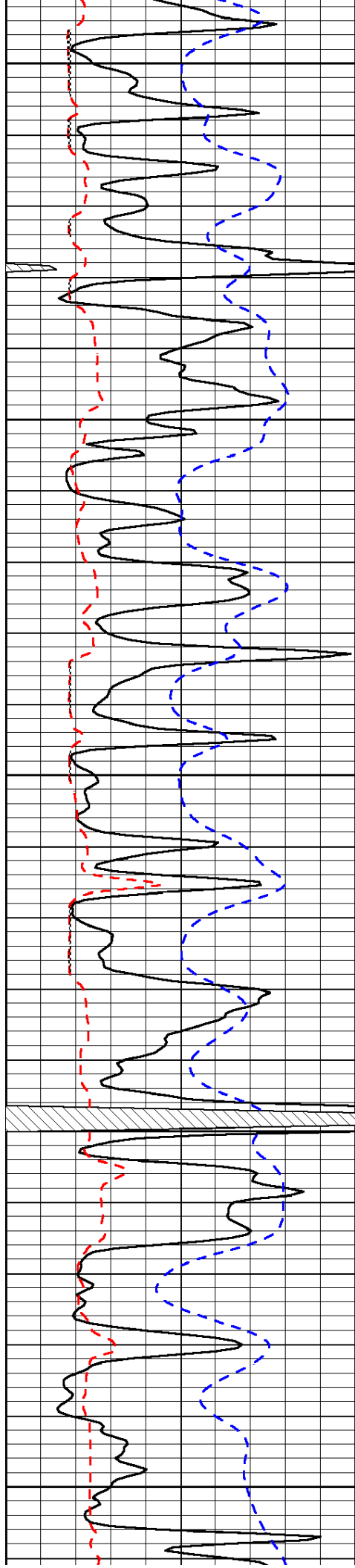
Database File: c:\warrior\data\murfin_lundgren no. 1-36\murf052411hd.db
Dataset Pathname: dil/murfstack
Presentation Format: micro
Dataset Creation: Tue May 24 23:38:01 2011
Charted by: Depth in Feet scaled 1:240

Charted by: Depth in Feet scaled 1:2.15		
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





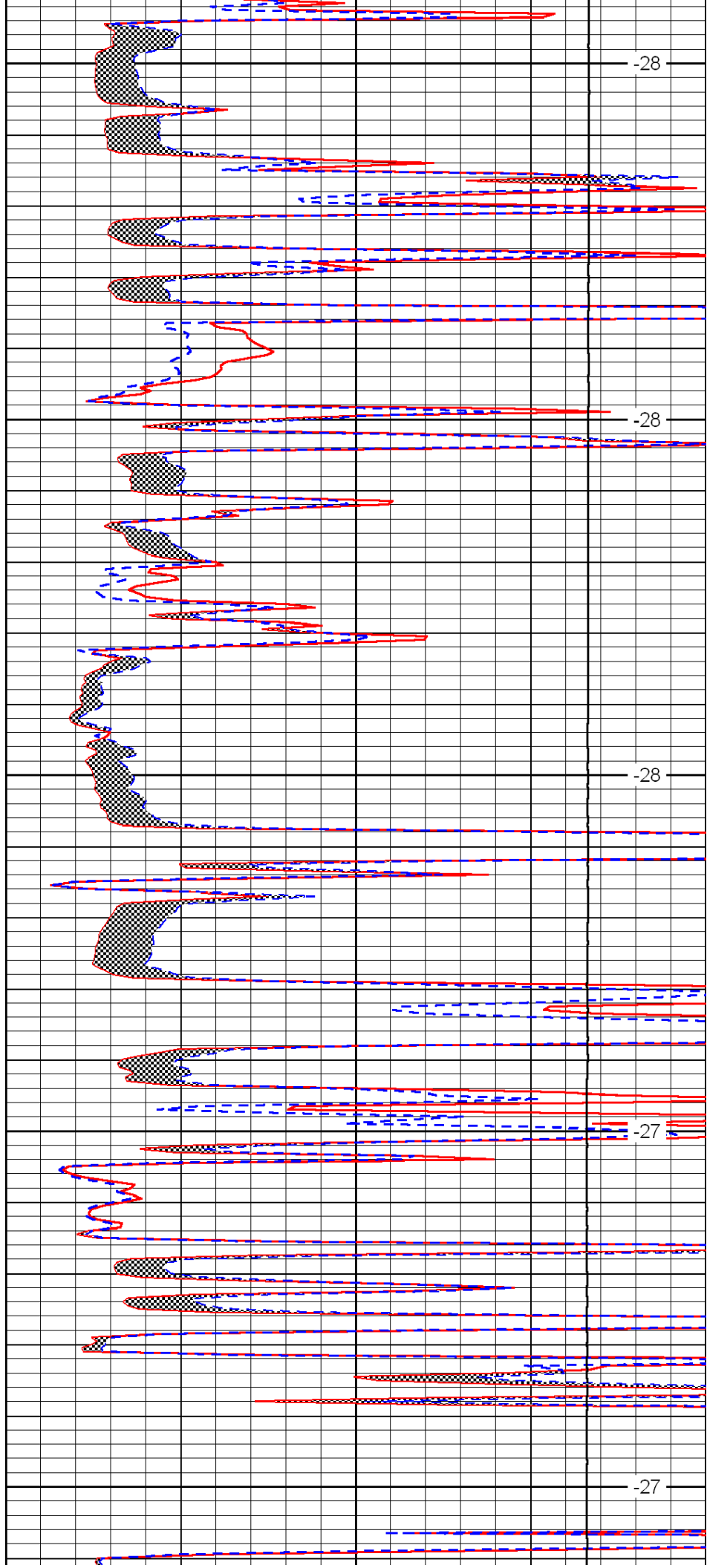
3550

3600

3650

3700

3750



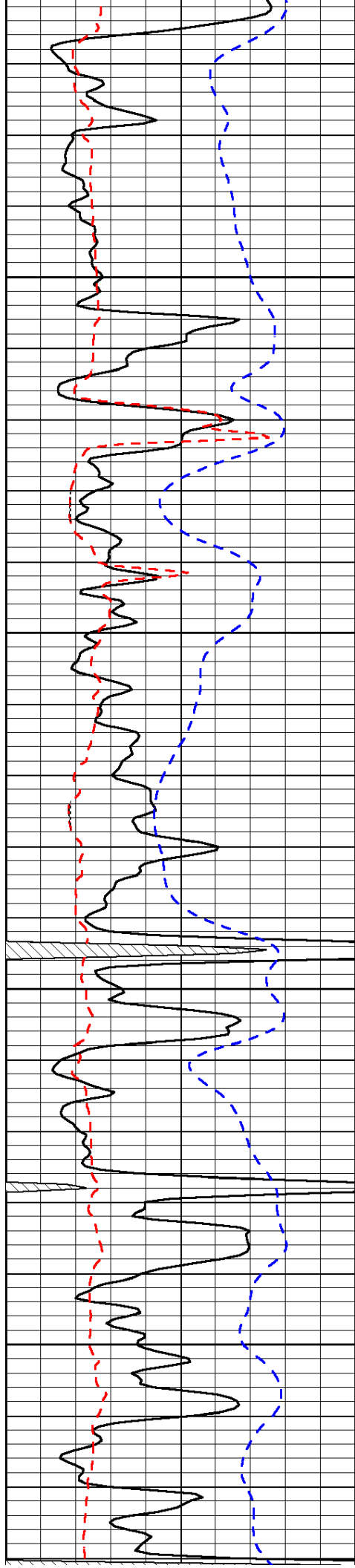
-28

-28

-28

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-27

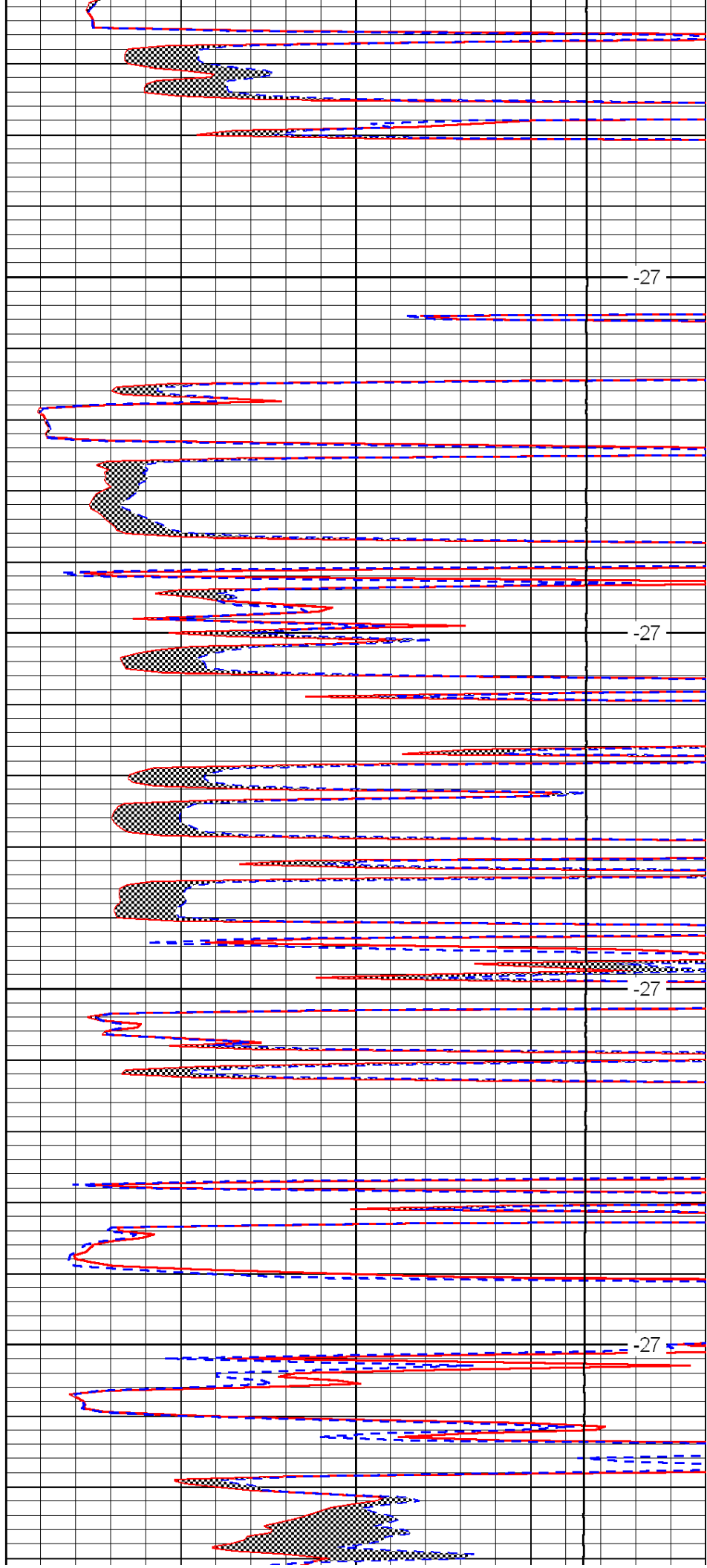


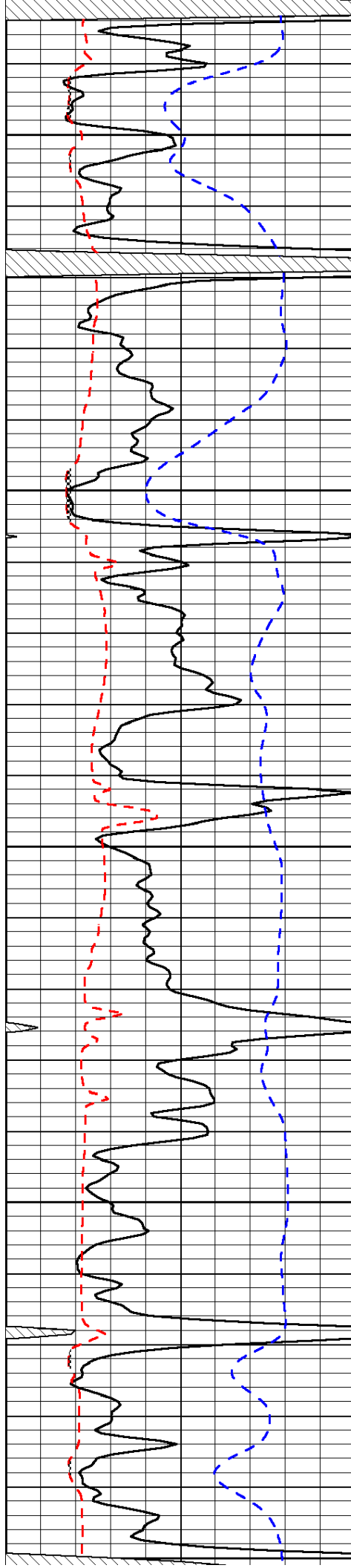
3800

3850

3900

3950





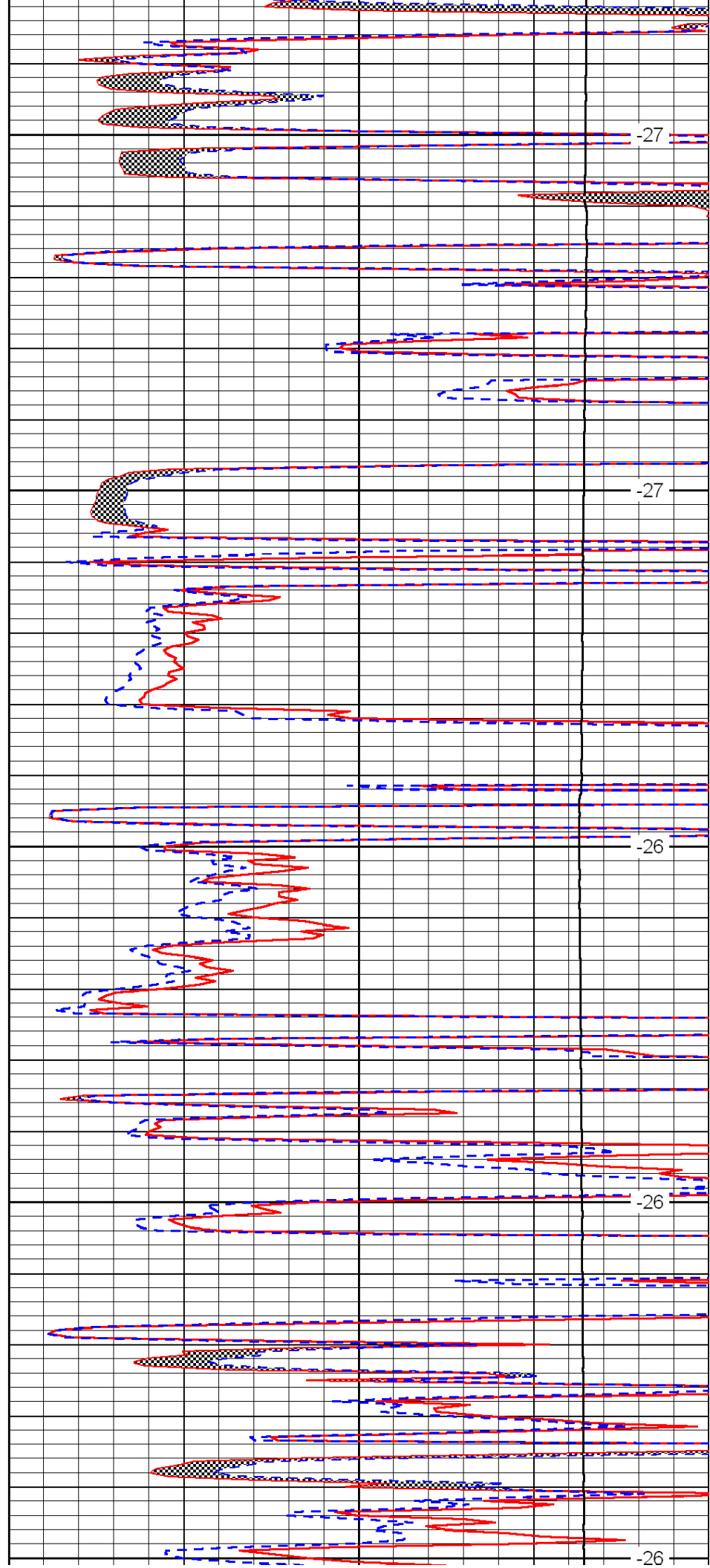
4000

4050

4100

4150

4200



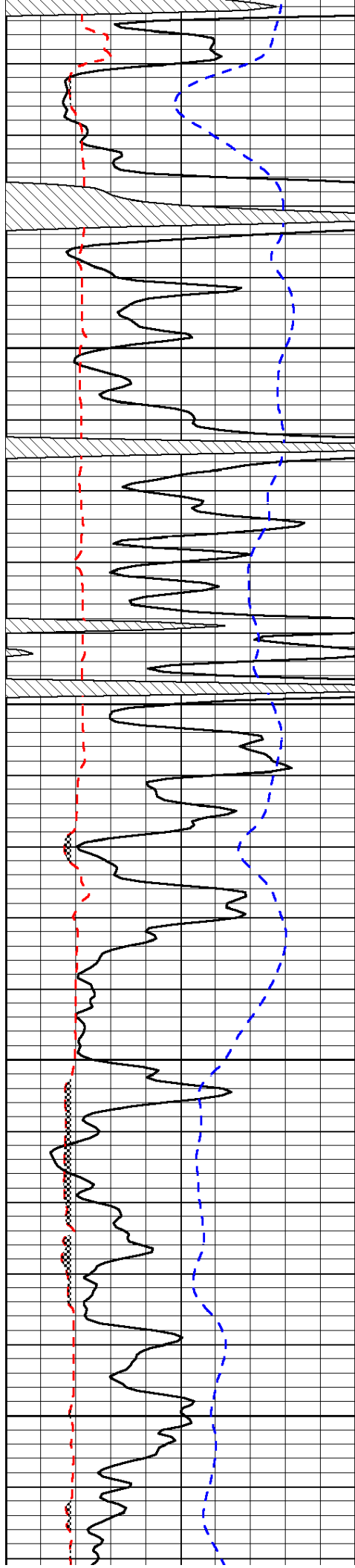
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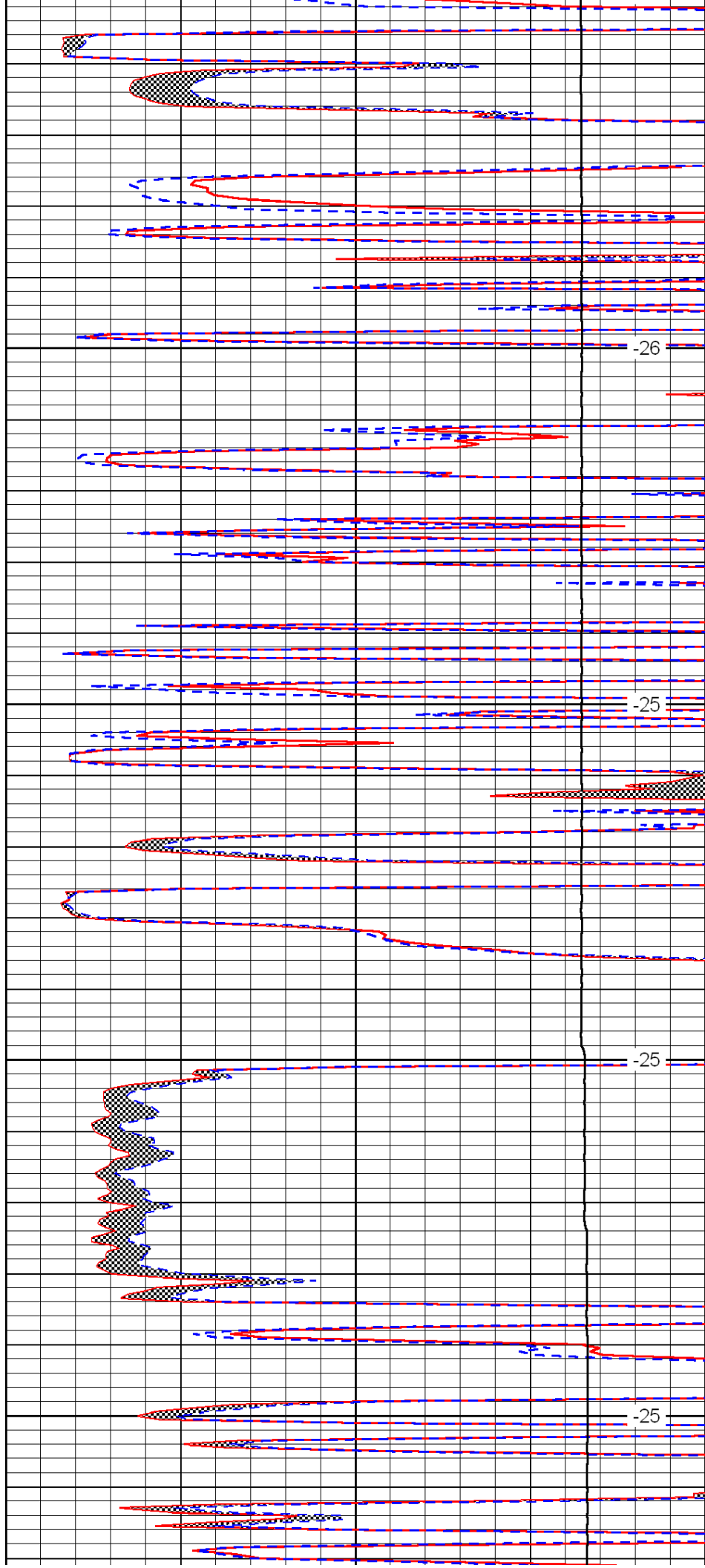


4250

4300

4350

4400

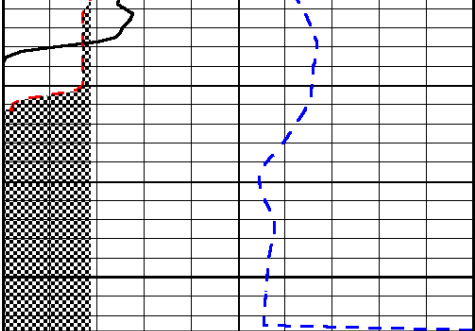


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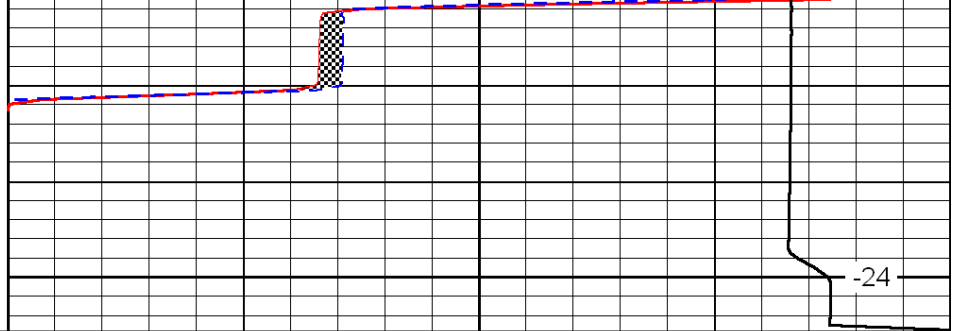
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-25



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