



Microresistivity Log

DIGITAL LOG (785) 625-3858

API No.		Company Mid-Continent Energy Operating Co.	
15-023-21293-00-00		Well Zwegardt #1-34	
Location		Field Wildcat	
County Cheyenne		State Kansas	
Sec: 34 Twp: 2S Rge: 41W		Other Services CNL / CDL DIL	
Permanent Datum Ground Level		Elevation 3599	
Log Measured From Kelly Bushing		5 Ft. Above Perm. Datum	
Drilling Measured From Kelly Bushing		K.B. 3604 D.F. 3599 G.L.	
Date	1/25/2011		
Run Number	Two		
Depth Driller	5330		
Depth Logger	5338		
Bottom Logged Interval	5337		
Top Log Interval	3800		
Casing Driller	8.625 @ 305		
Casing Logger	308		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	1000		
Density / Viscosity	9.3 52		
pH / Fluid Loss	10.5 7.2		
Source of Sample	Flowline		
Rm @ Meas. Temp	0.95 @ 40		
Rmf @ Meas. Temp	0.71 @ 40		
Rmc @ Meas. Temp	1.28 @ 40		
Source of Rmf / Rmc	Charts		
Rm @ BHT	0.29 @ 131		
Operating Rig Time	4 Hours		
Max Rec. Temp. F	131		
Equipment Number	17		
Location	Hays		
Recorded By	R. Barnhart		
Witnessed By	Larry Nichols		

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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.

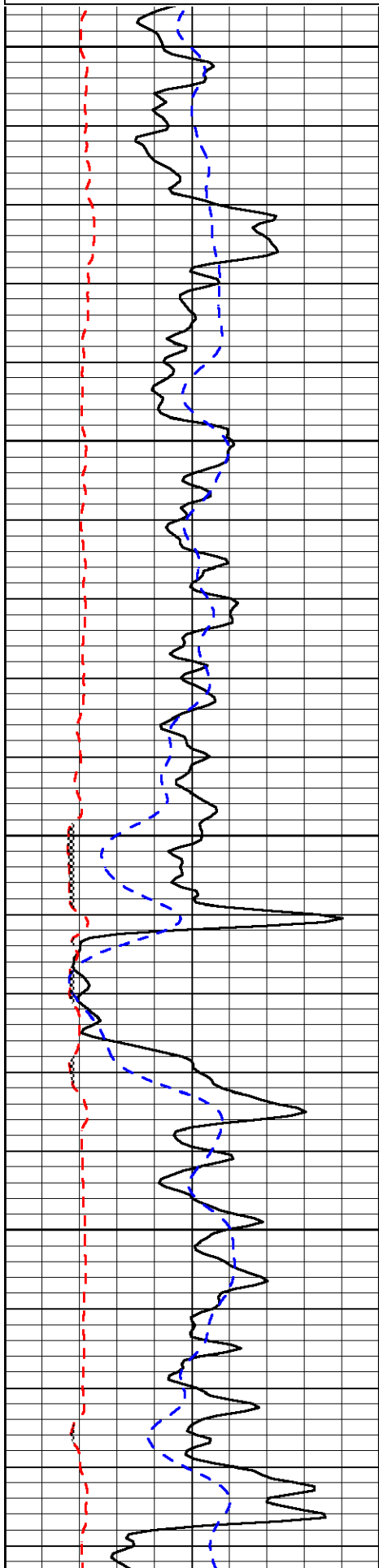
Comments

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

St. Francis, KS:
2W to Hwy 27, 3N, 3W, 3/4N,
1/4W, N into

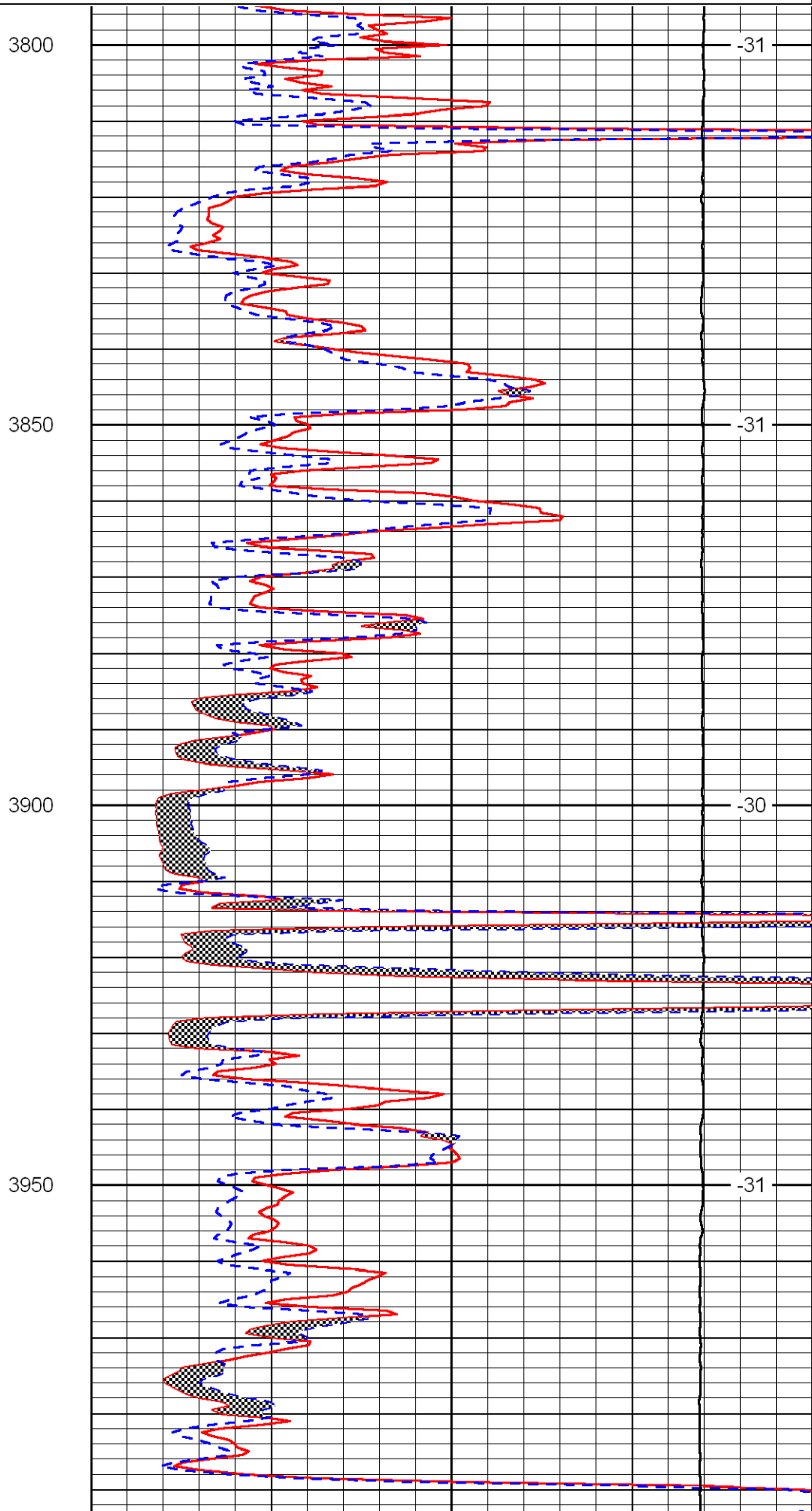
Database File: c:\warrior\data\mid-continent energy_zwegardt #1-34\mid-continent_zwegardt1-34hd.db
Dataset Pathname: dil/midstk
Presentation Format: micro
Dataset Creation: Tue Jan 25 06:21:35 2011
Charted by: Depth in Feet scaled 1:240

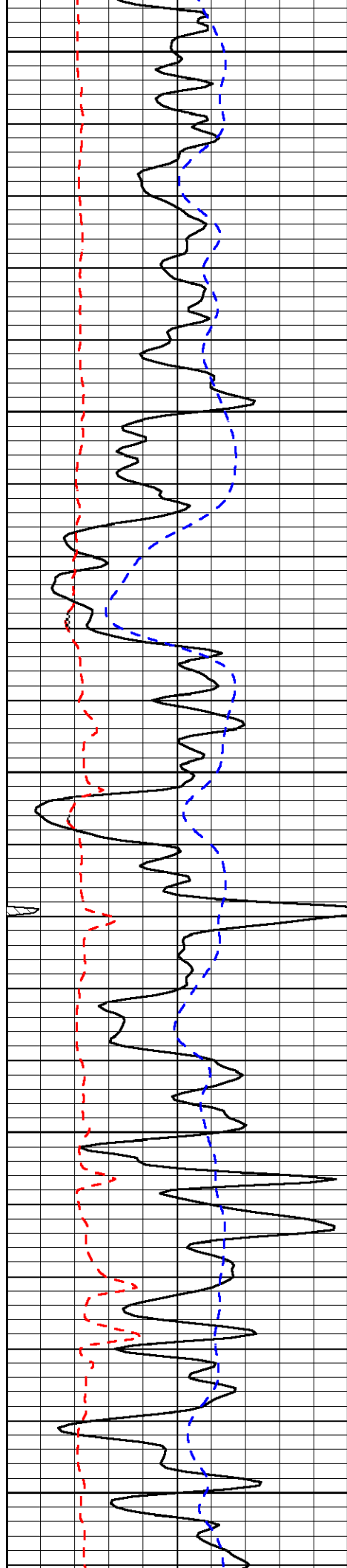
0	Gamma Ray	150
6	Micro Log Caliper (GAPI)	16
-200	SP (mV)	0



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

LSPD





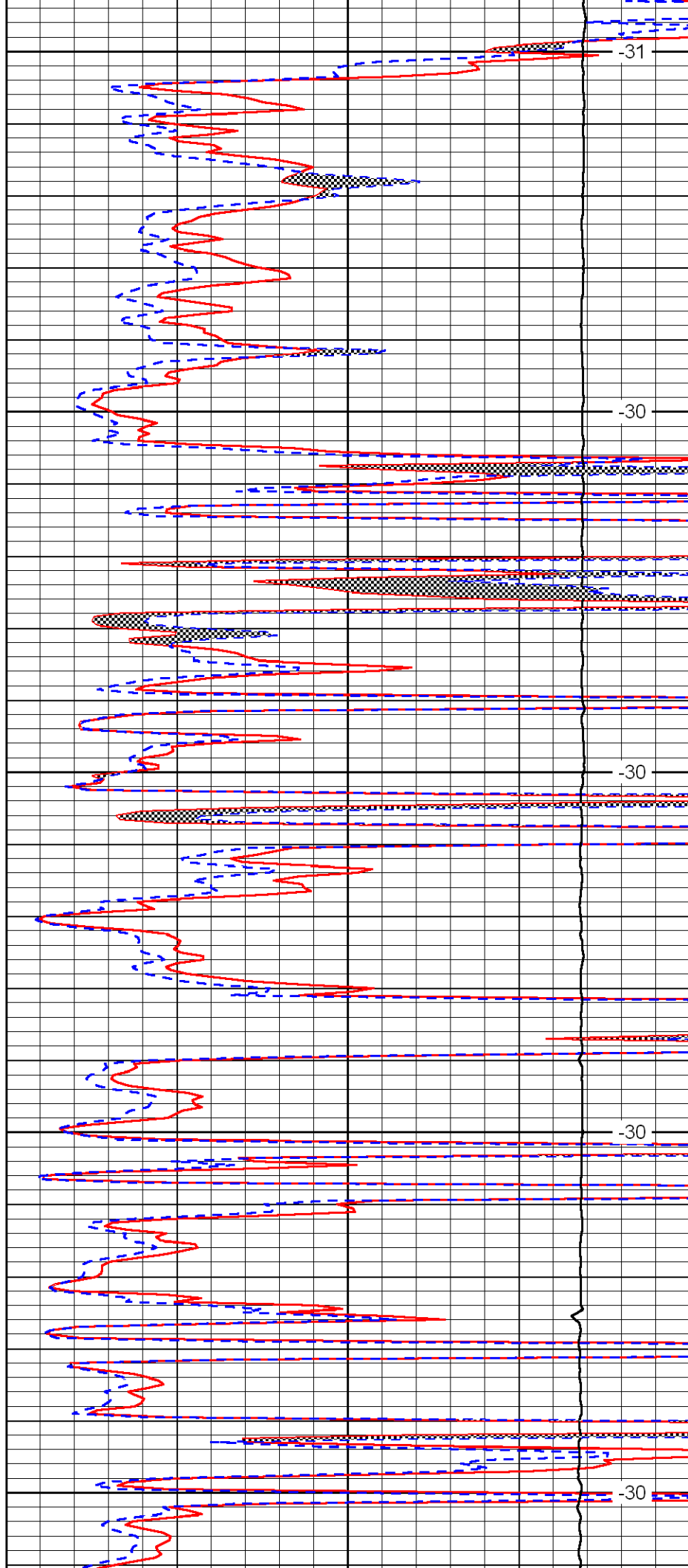
4000

4050

4100

4150

4200



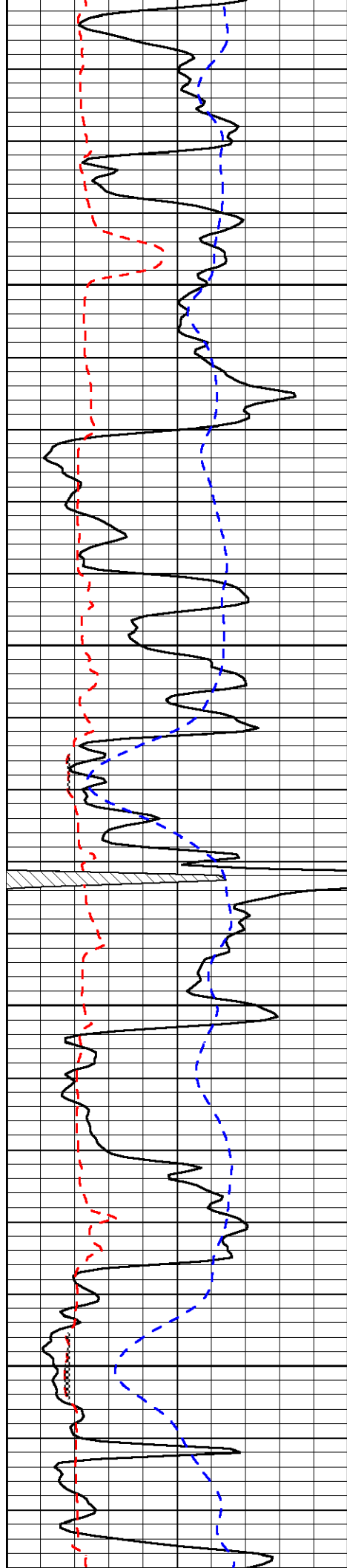
-31

-30

-30

-30

-30

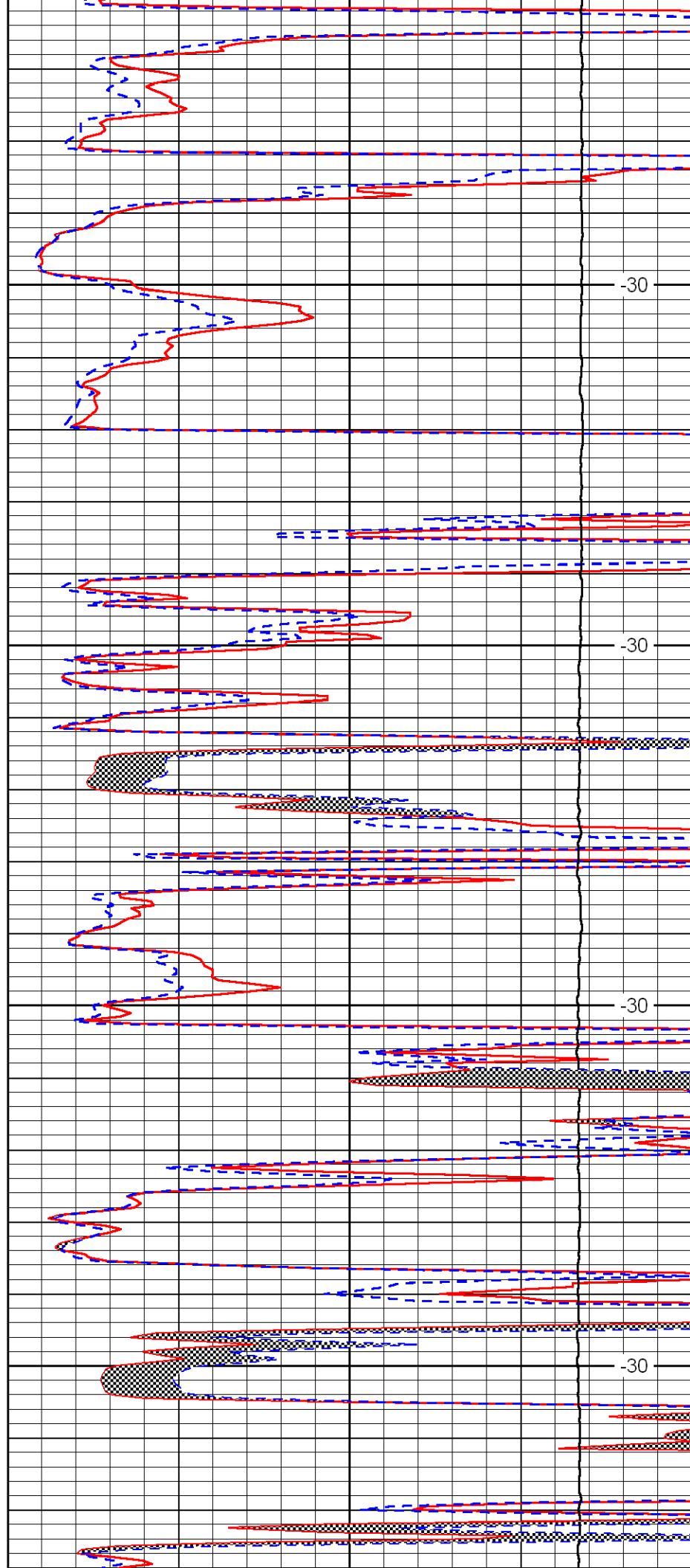


4250

4300

4350

4400

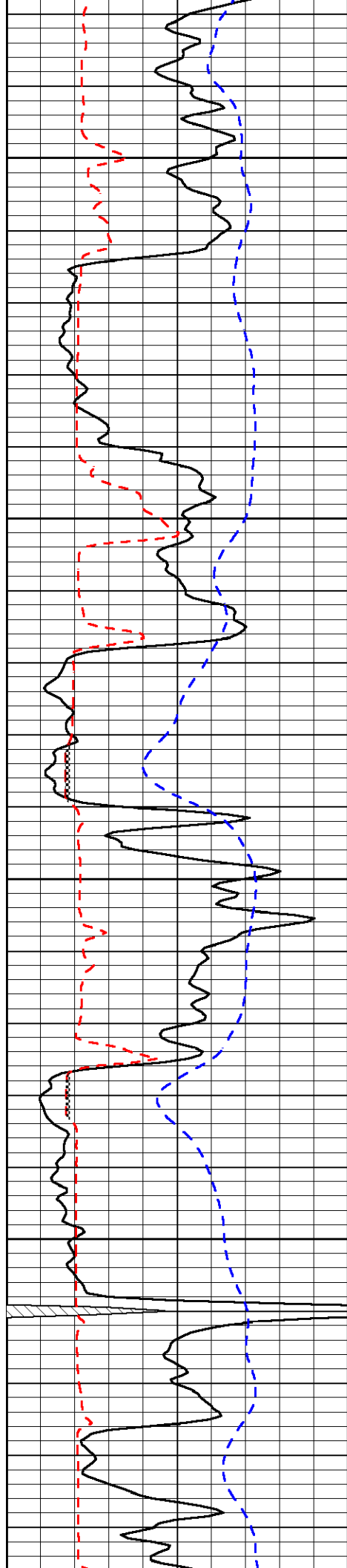


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-30

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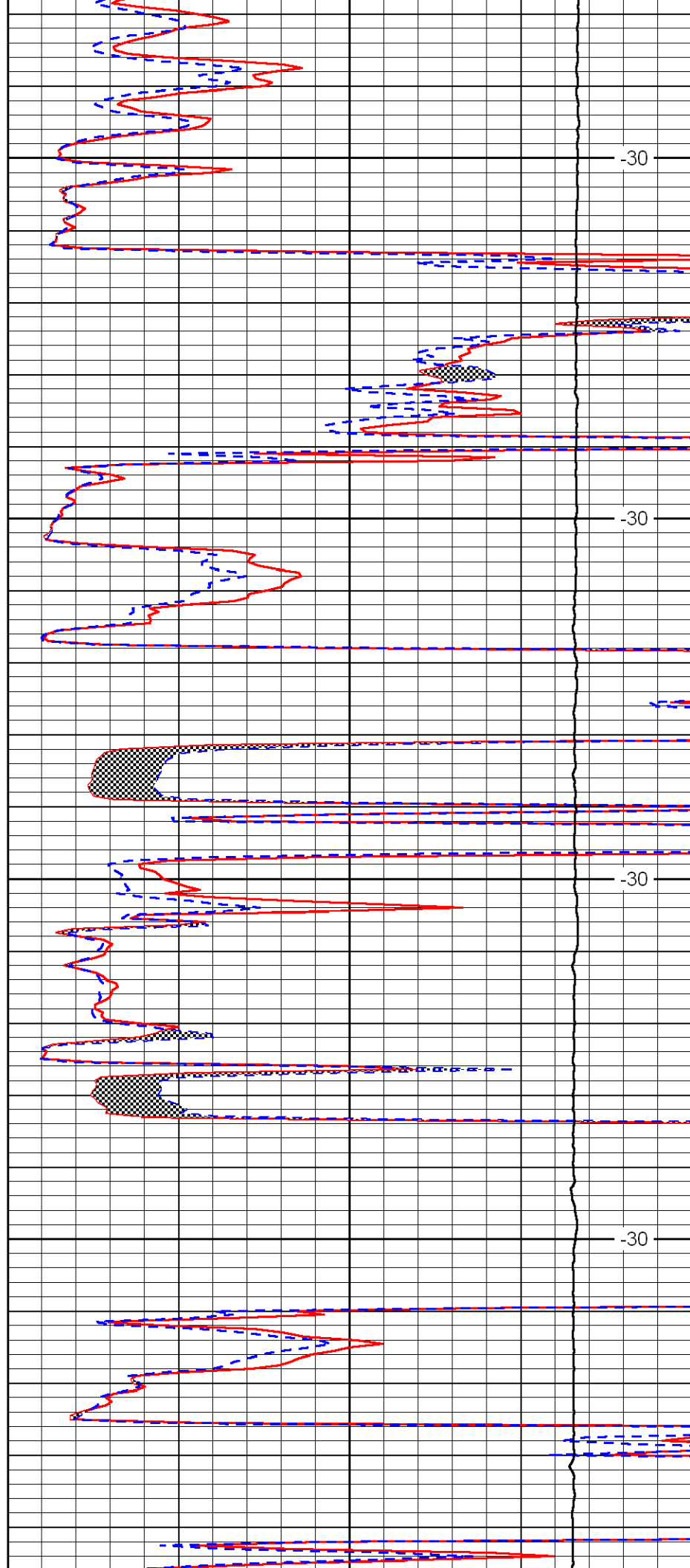


4450

4500

4550

4600

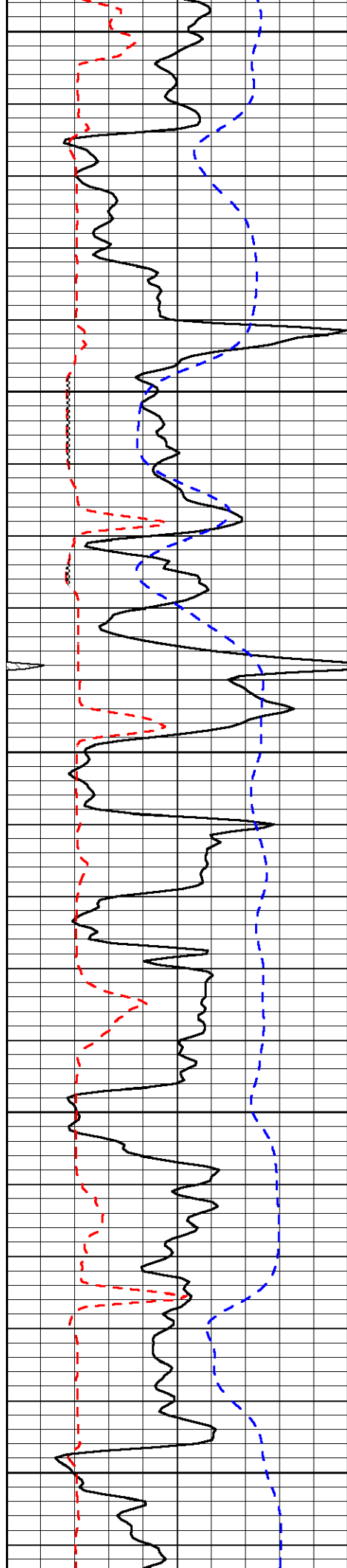


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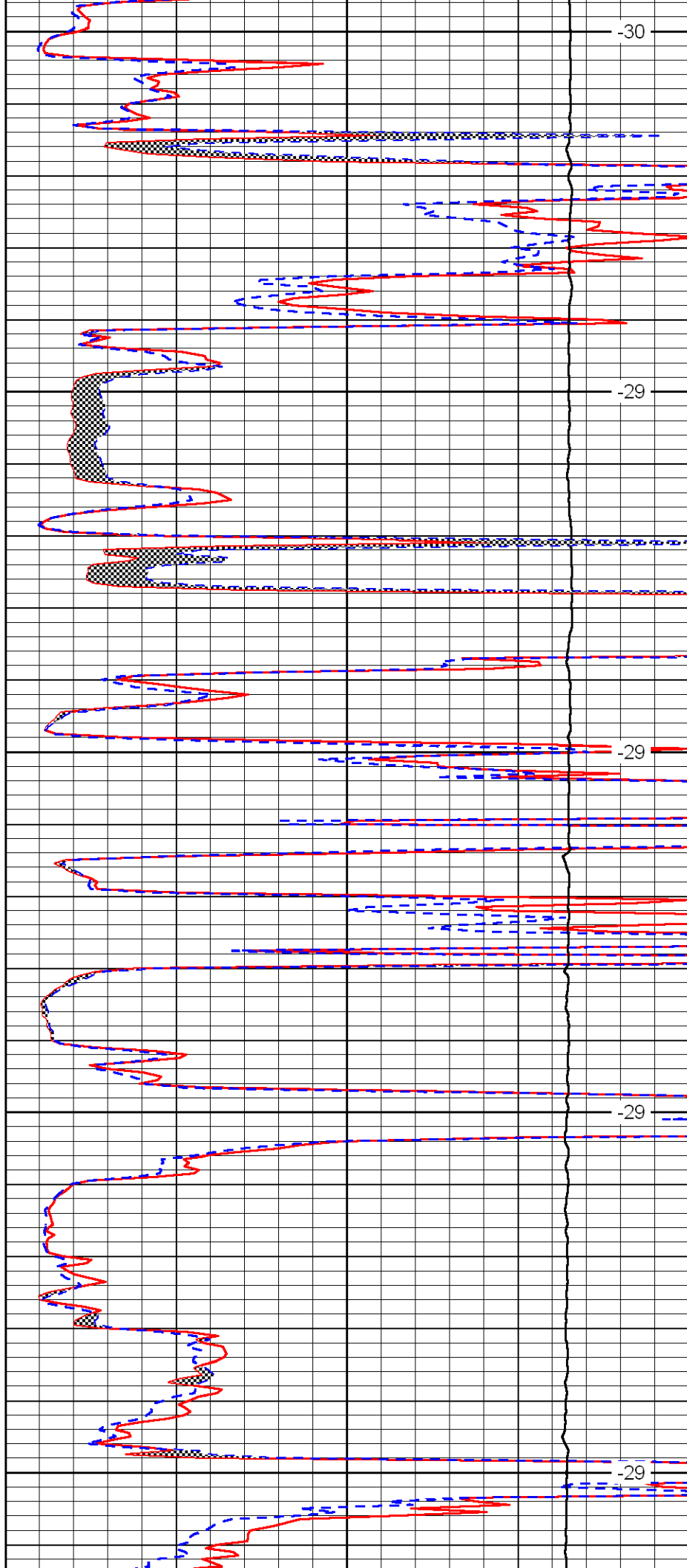
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4700

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4800

4850



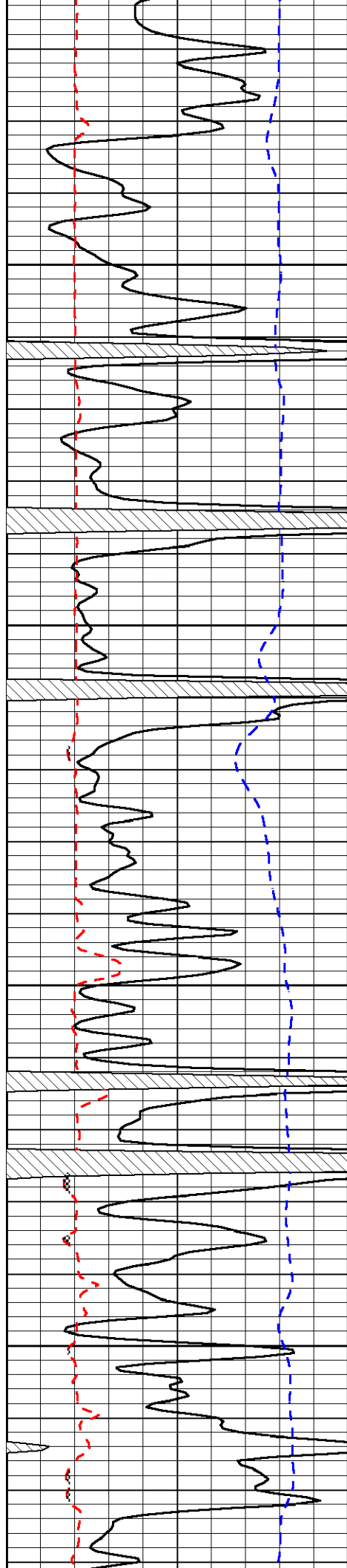
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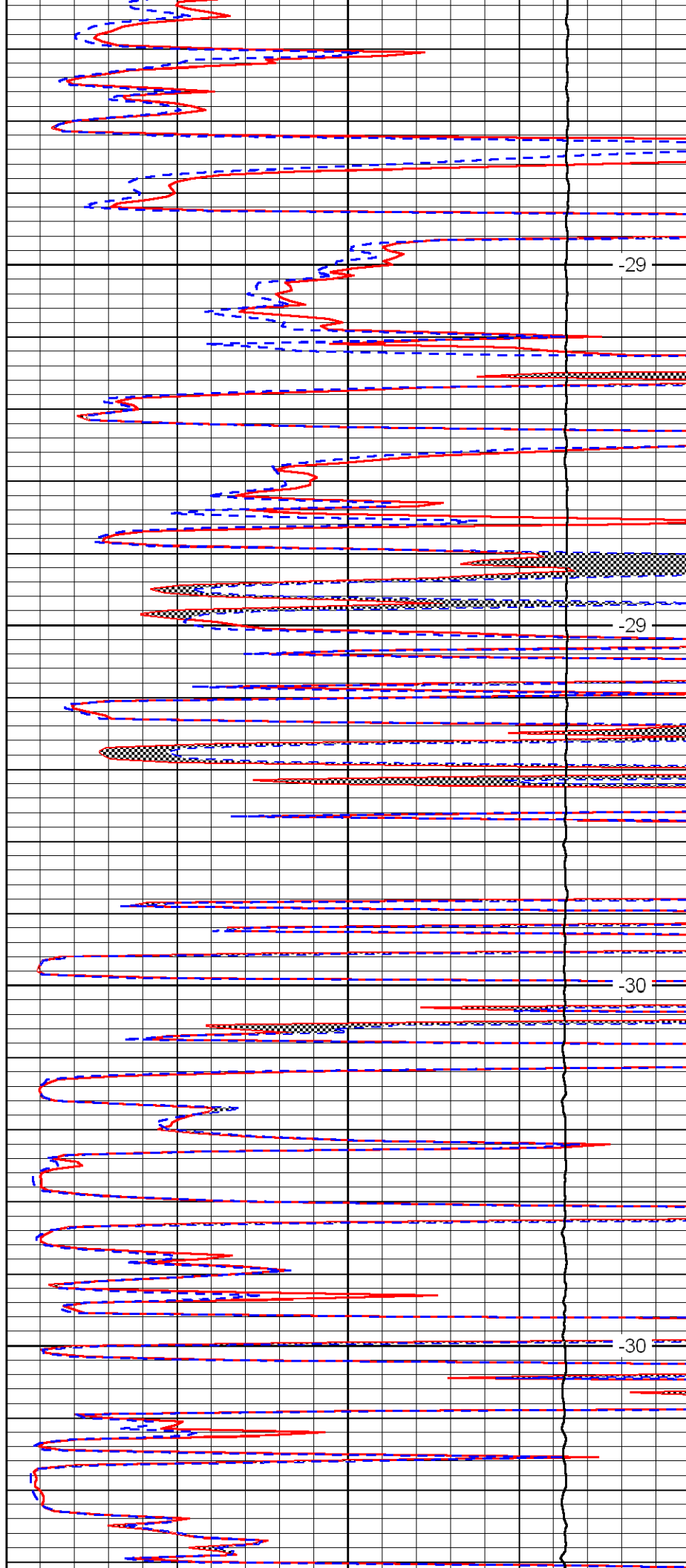


4900

4950

5000

5050

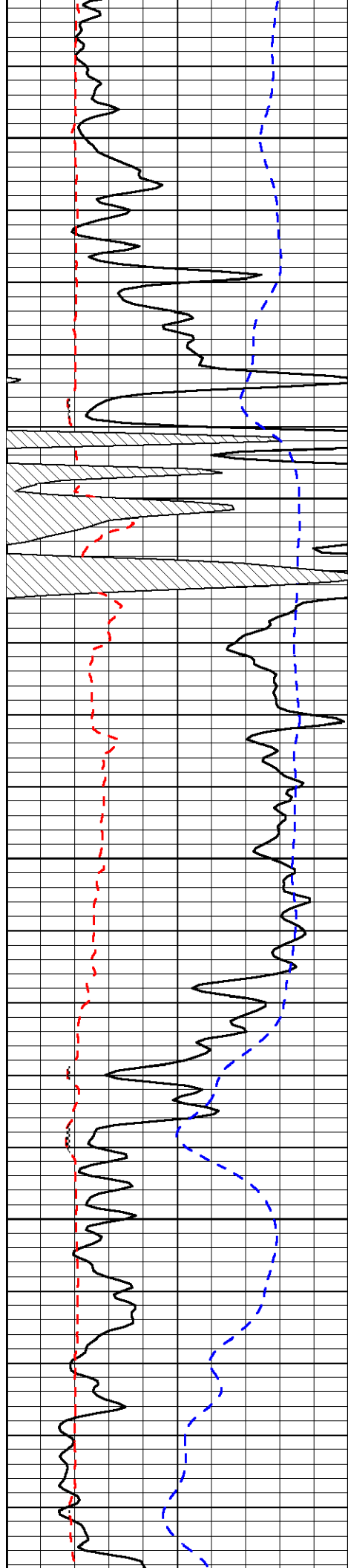


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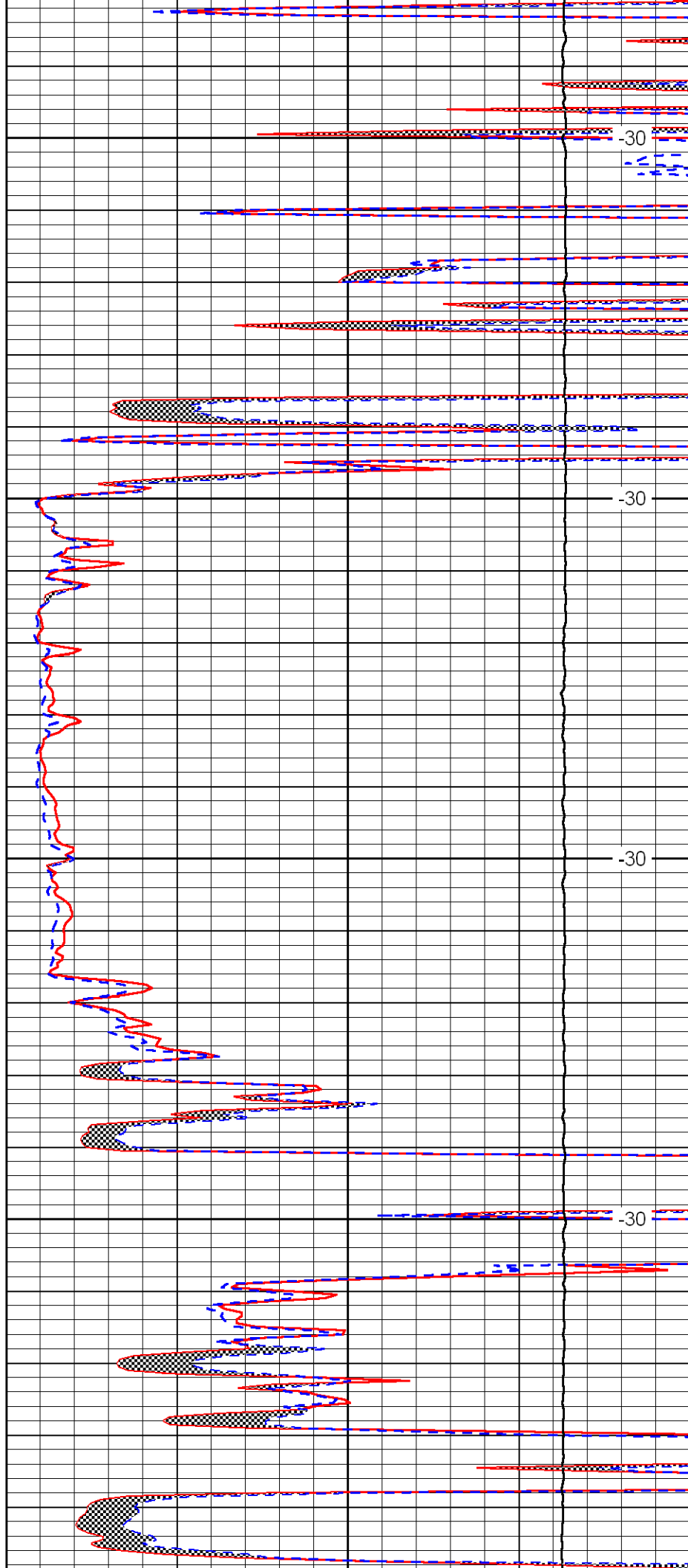


5100

5150

5200

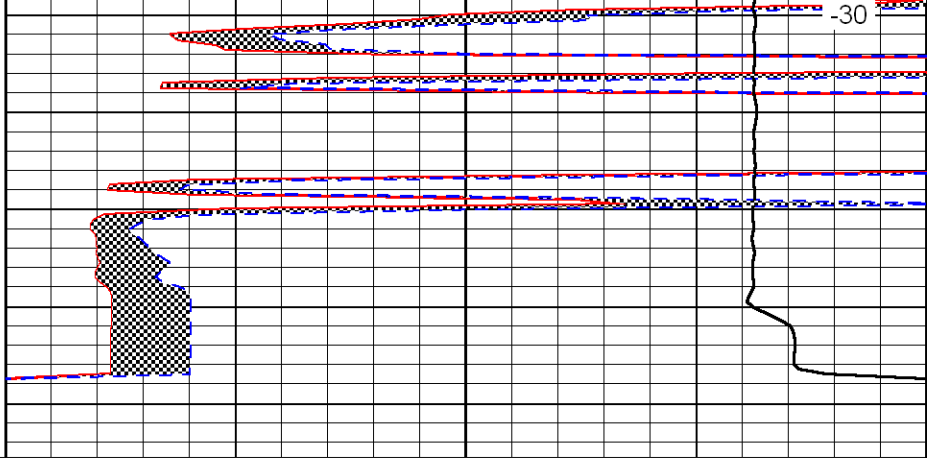
5250



5300



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