



# Microresistivity Log

**DIGITAL LOG** (785) 625-3858

API No.	15-055-22,091-00-00		
Company	Hartman Oil Company, Inc.		
Well	Damme No.44		
Field	Damme		
County	Finney	State	Kansas
Location	2640' FNL & 1020' FEL		
Sec: 28	Twp: 22S	Rge: 33W	
Permanent Datum	Ground Level	Elevation	2890
Log Measured From	Kelly Bushing	10 Ft. Above Perm. Datum	
Drilling Measured From	Kelly Bushing		
		Other Services	CNL/CDL DIL
		Elevation	K.B. 2900 D.F. 2890 G.L. 2890

Date	2/13/2011	
Run Number	Two	
Depth Driller	4875	
Depth Logger	4877	
Bottom Logged Interval	4876	
Top Log Interval	2300	
Casing Driller	8.625 @ 1682	
Casing Logger	1679	
Bit Size	7.875	
Type Fluid in Hole	Chemical	
Salinity, ppm CL	2.100	
Density / Viscosity	9.3	50
pH / Fluid Loss	10.0	7.2
Source of Sample	Flowline	
Rm @ Meas. Temp	1.1	@ 56
Rmf @ Meas. Temp	.83	@ 56
Rmc @ Meas. Temp	1.49	@ 56
Source of Rmf / Rmc	Charts	
Rm @ BHT	.49	@ 127
Operating Rig Time	4 Hours	
Max Rec. Temp. F	127	
Equipment Number	17	
Location	Hays	
Recorded By	C. Desaire	
Witnessed By	Steve Murphy	

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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

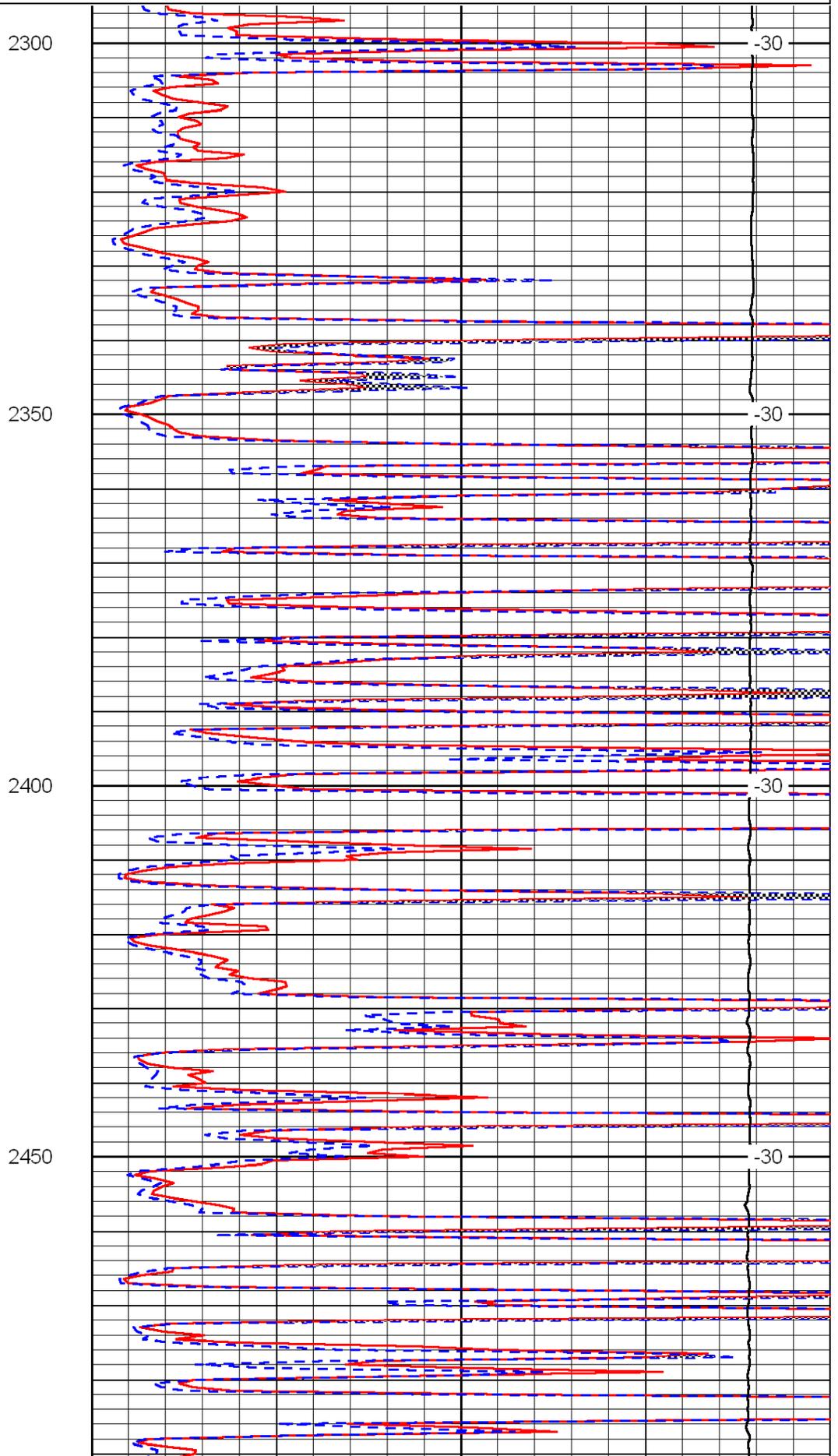
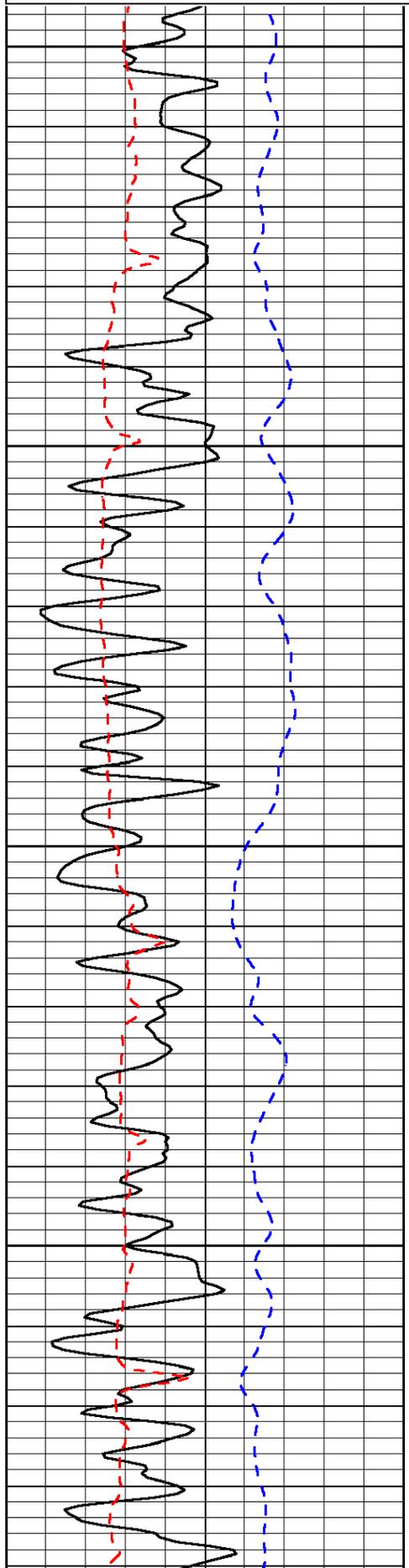
Thank you for using Log-Tech, Inc.  
 (785) 625-3858  
  
 Scott City,  
 S to Nine Mile Rd,  
 3 W, 1/2 N, 1/4 W, S Into

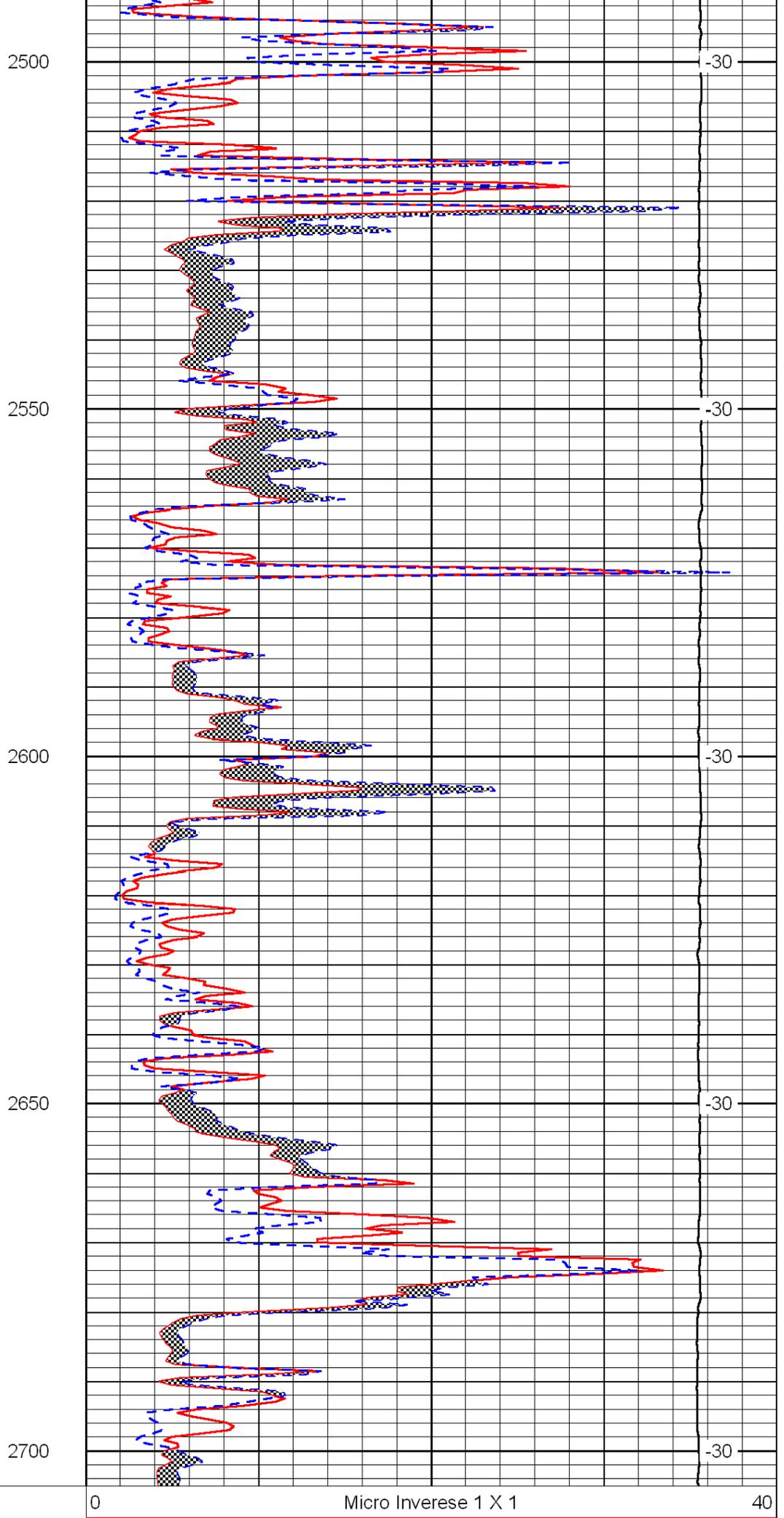
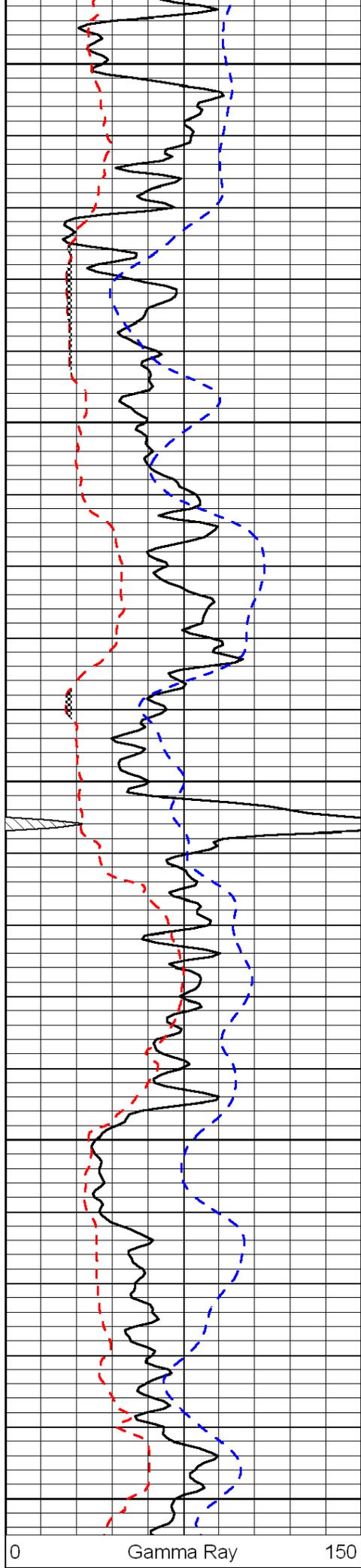
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 Presentation Format: micro  
 Dataset Creation: Sun Feb 13 09:14:03 2011  
 Charted by: Depth in Feet scaled 1:240

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





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

0 Micro Normal 2" 40  
 15000 Line Weight 0

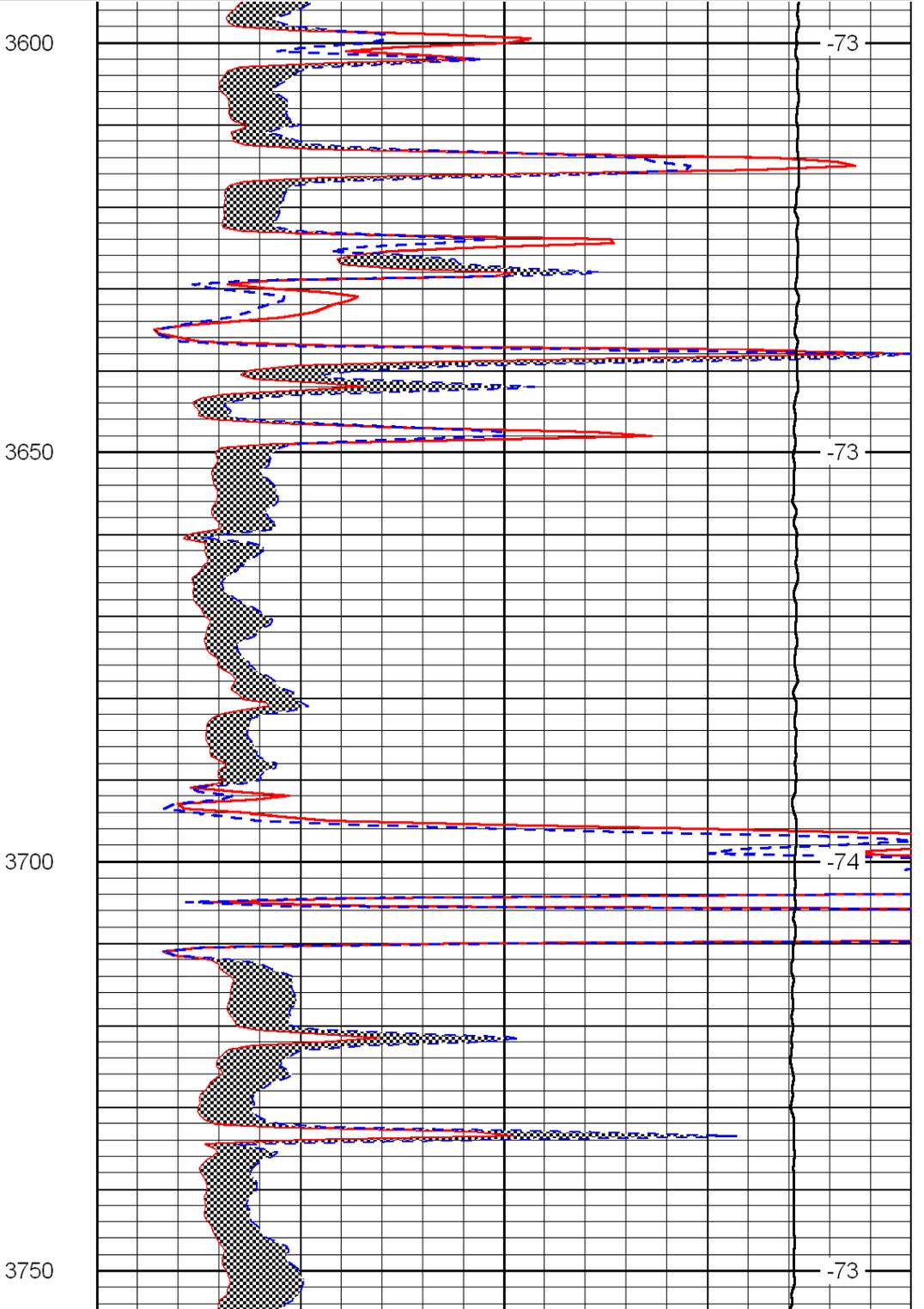
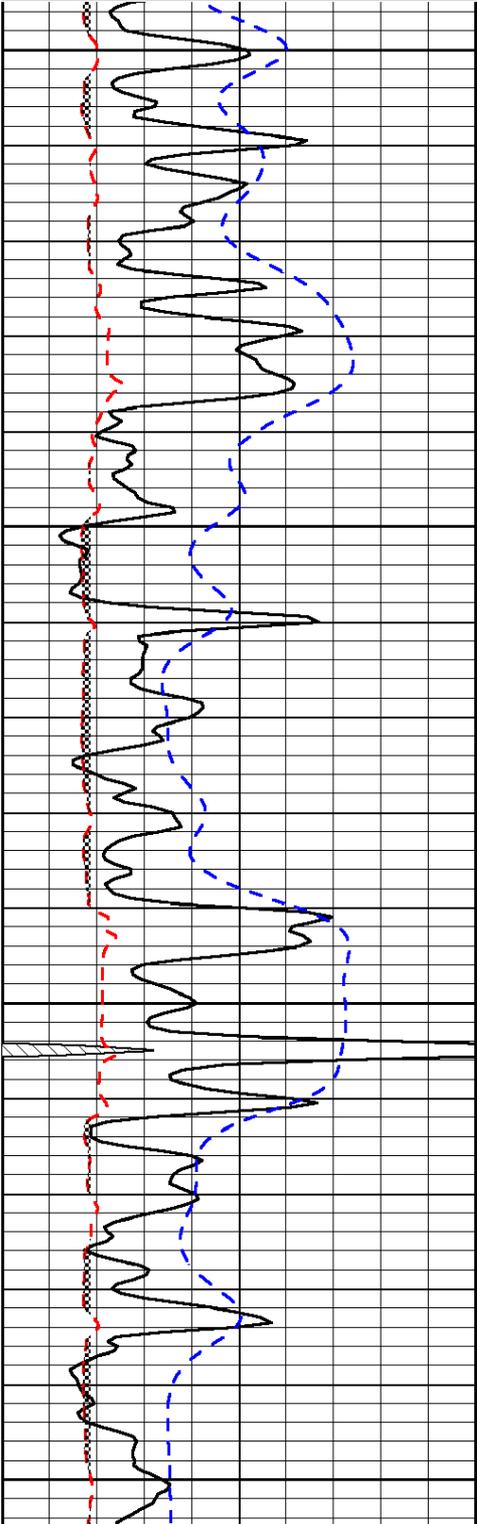
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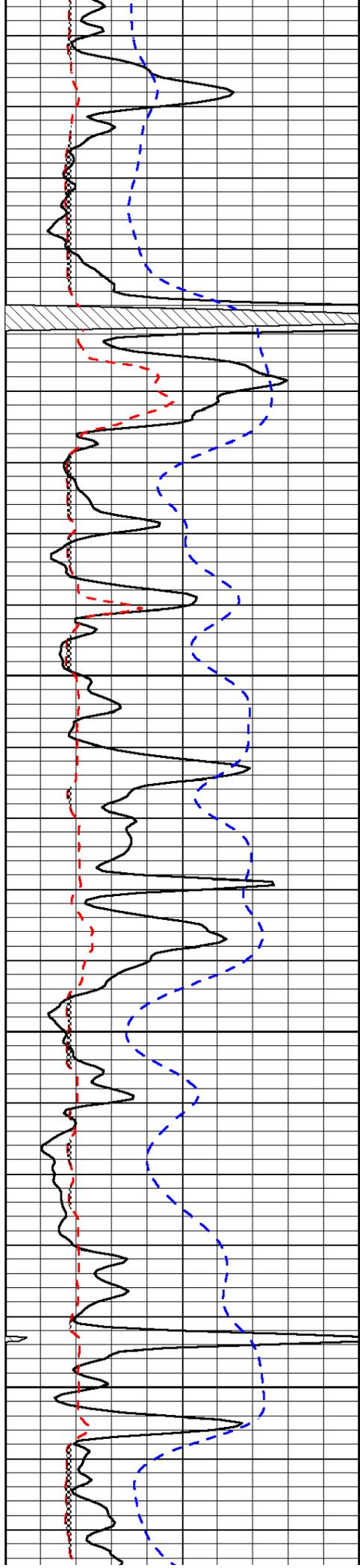
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0 Gamma Ray 150  
 6 Micro Log Caliper (GAPI) 16  
 -200 SP (mV) 0

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

LSPD



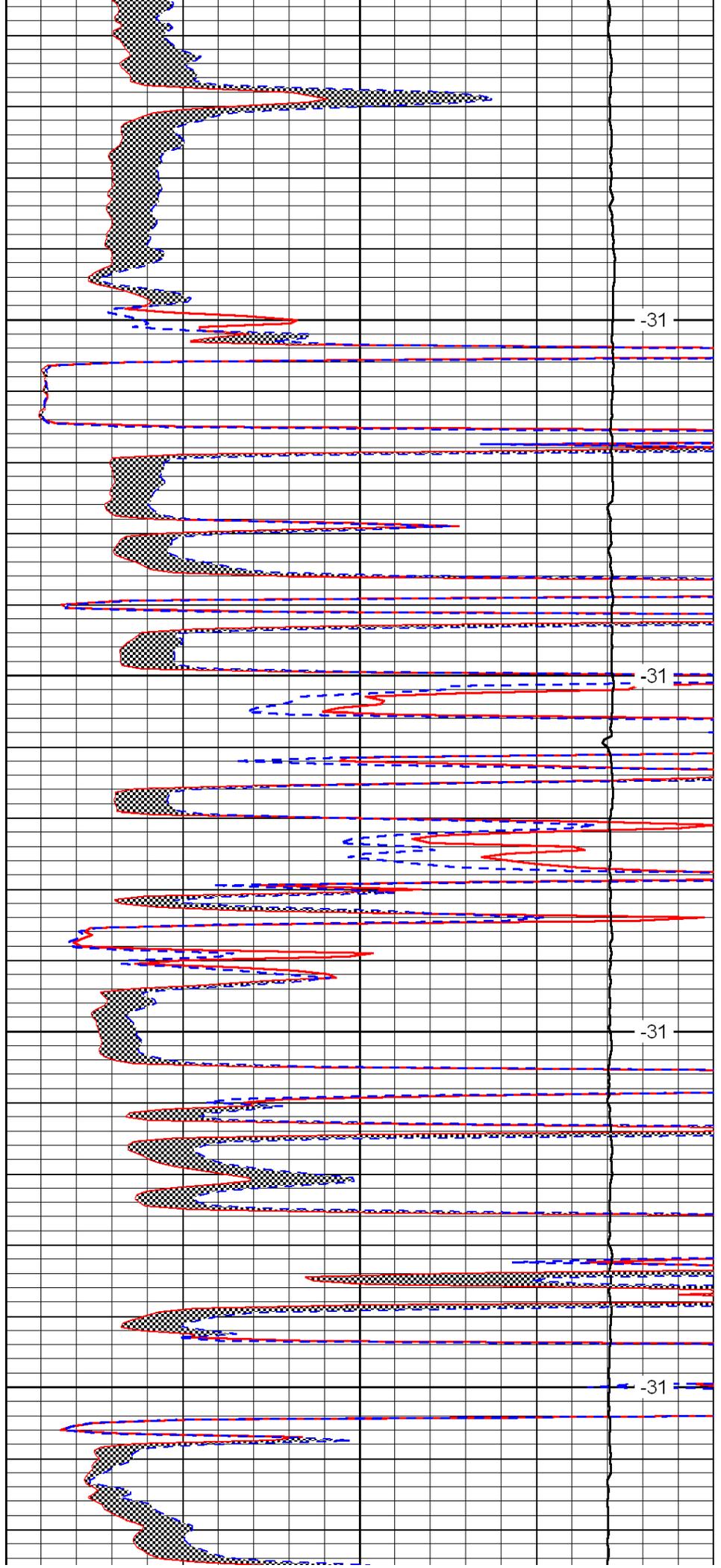


3800

3850

3900

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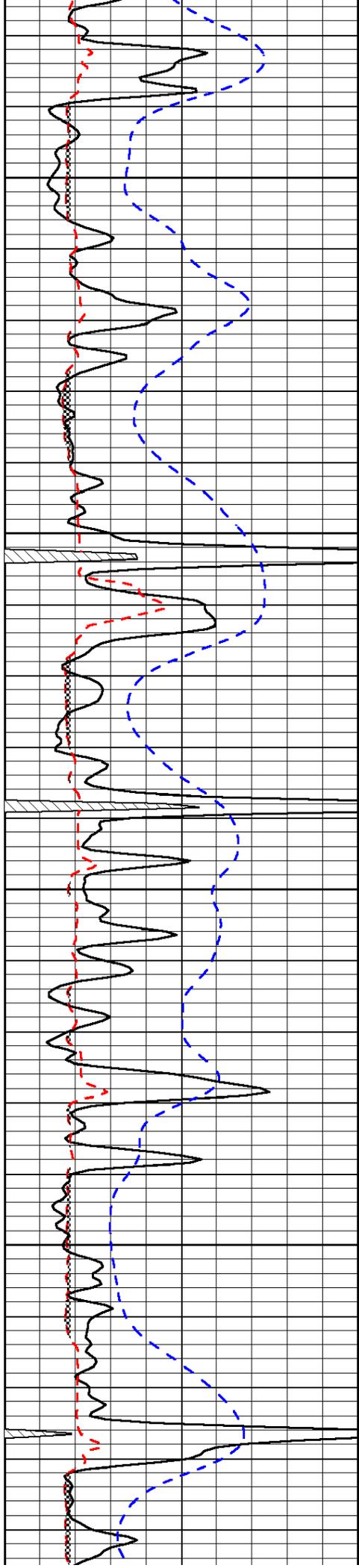


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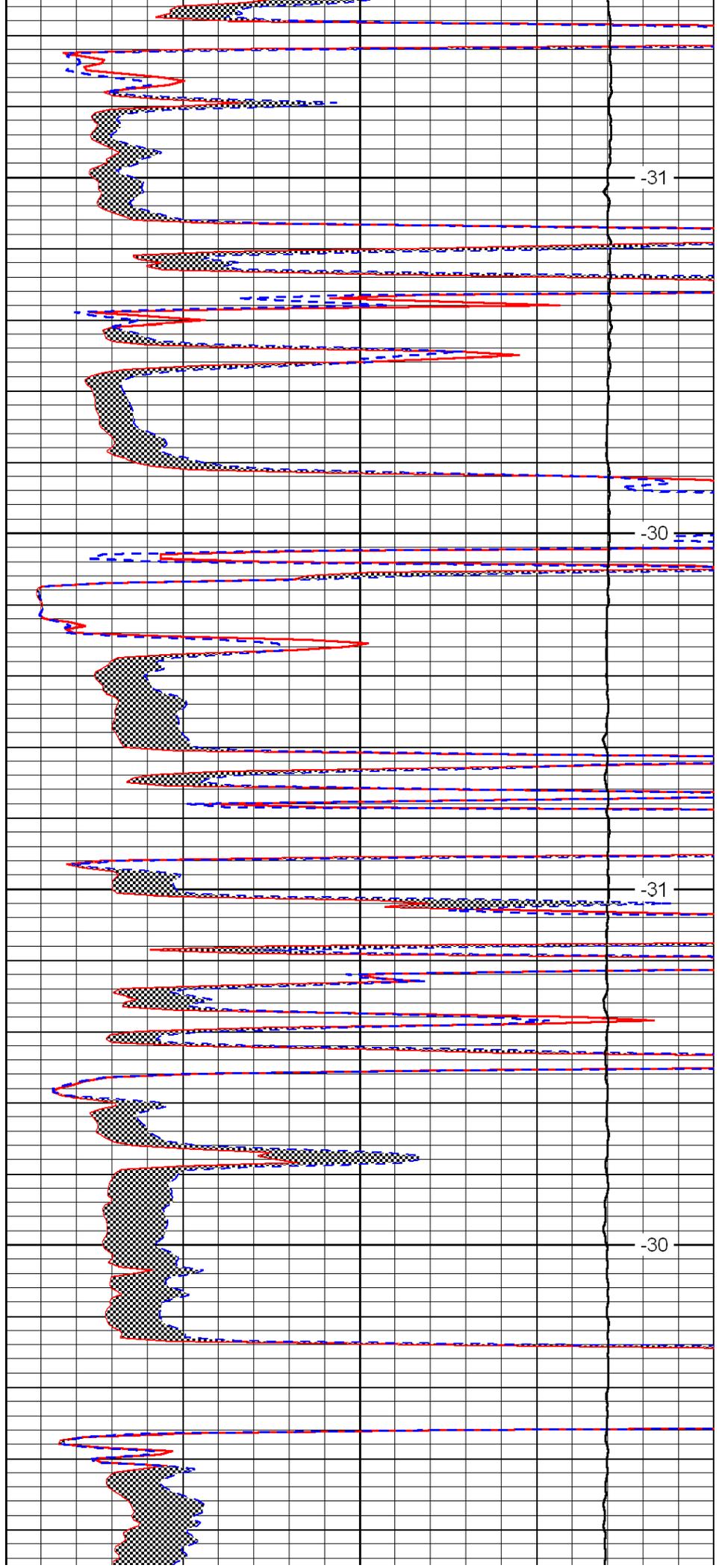


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4050

4100

4150

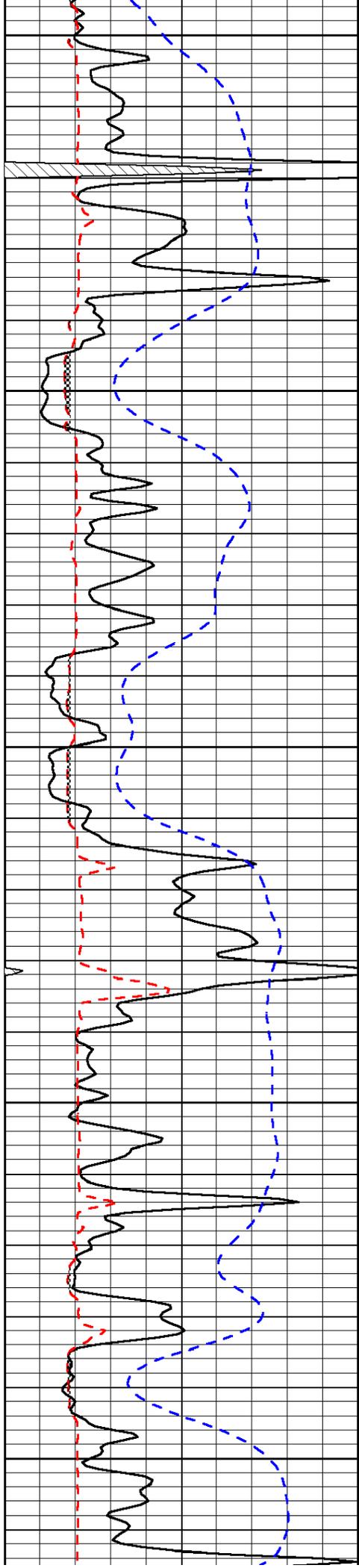


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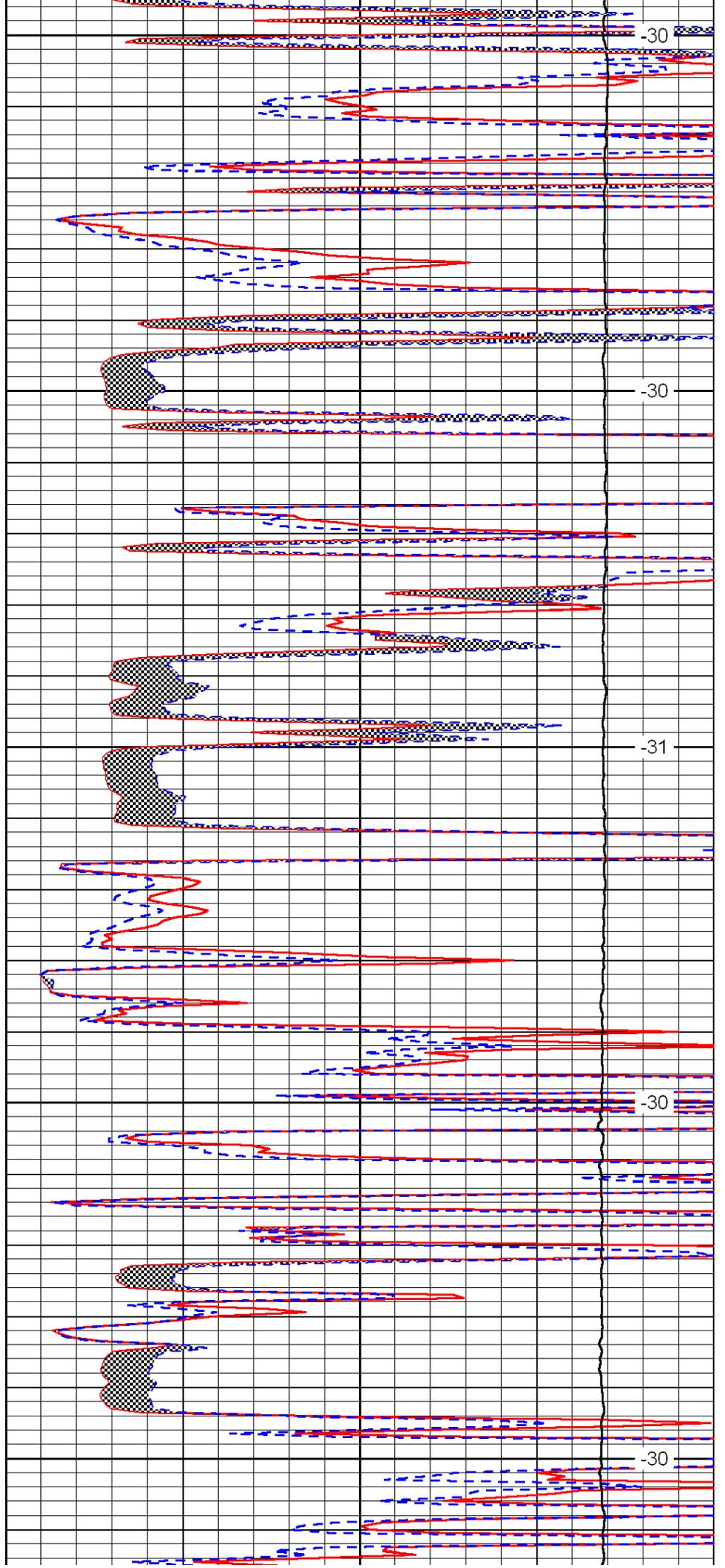
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4250

4300

4350

4400



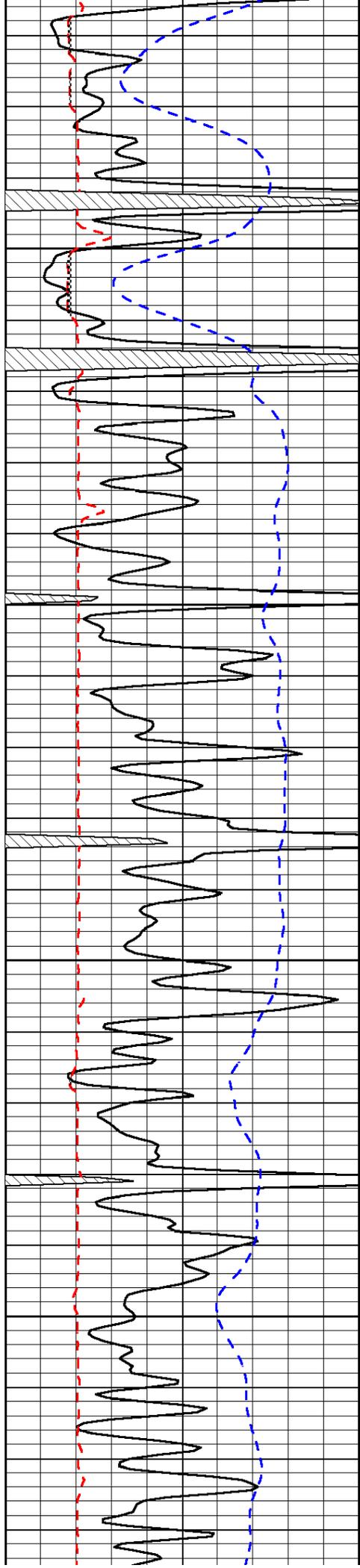
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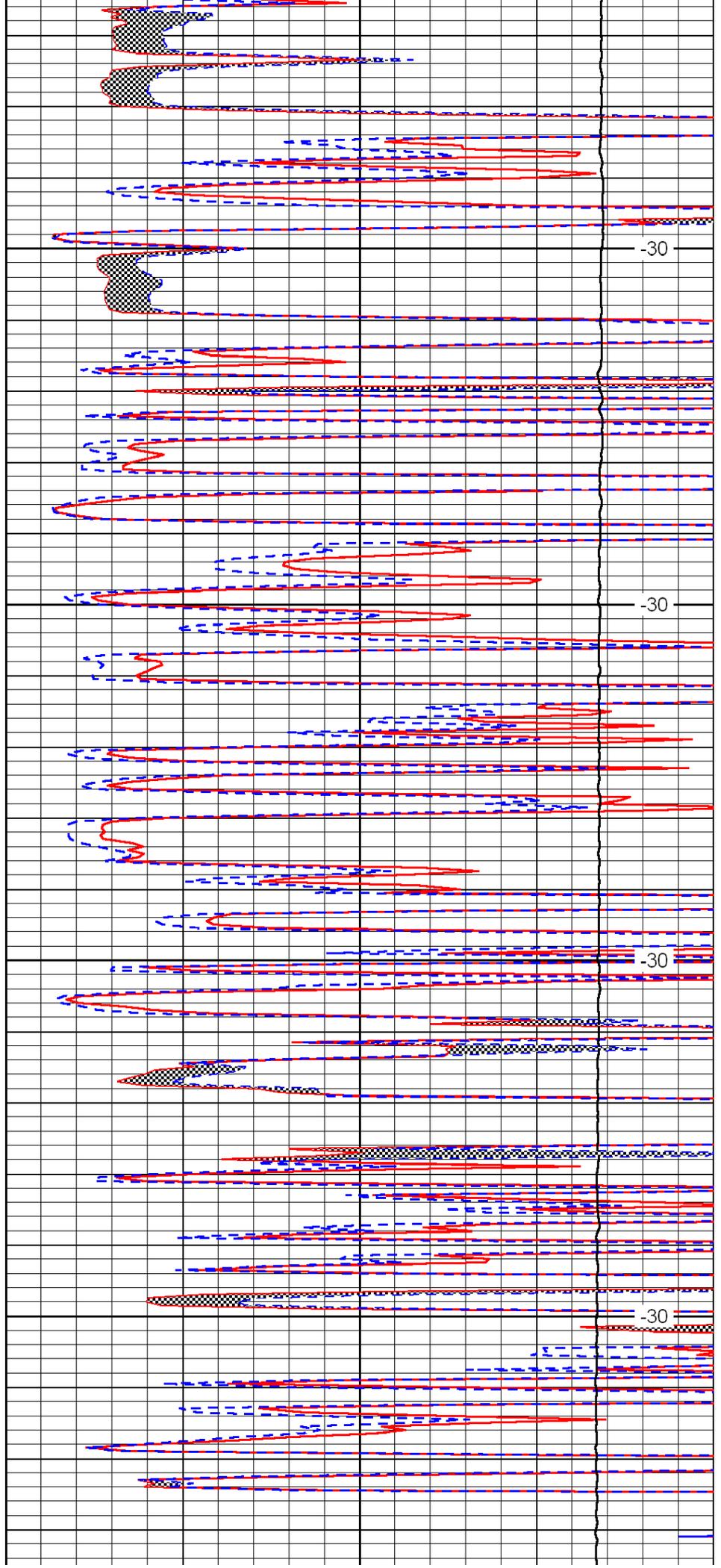


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4500

4550

4600

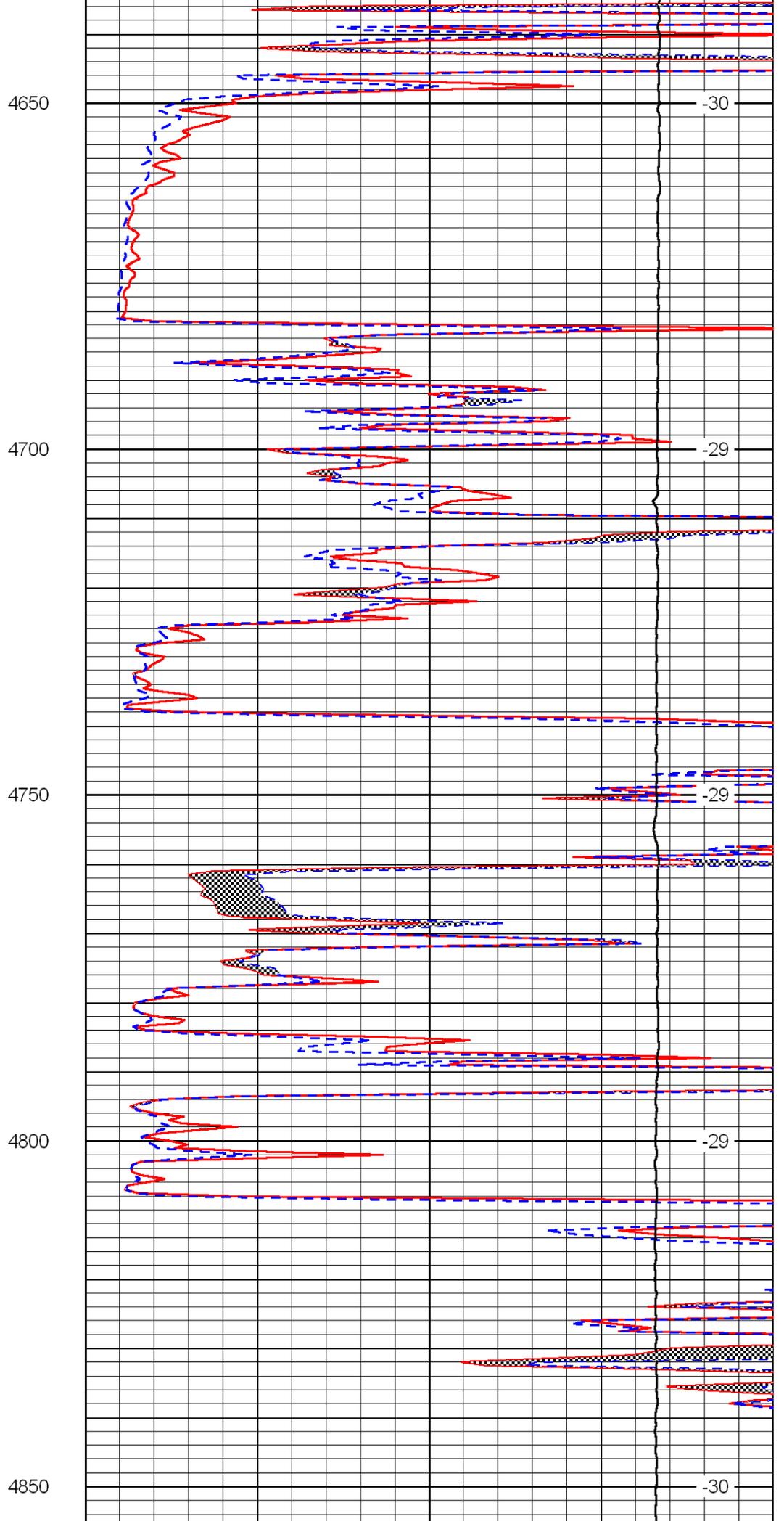
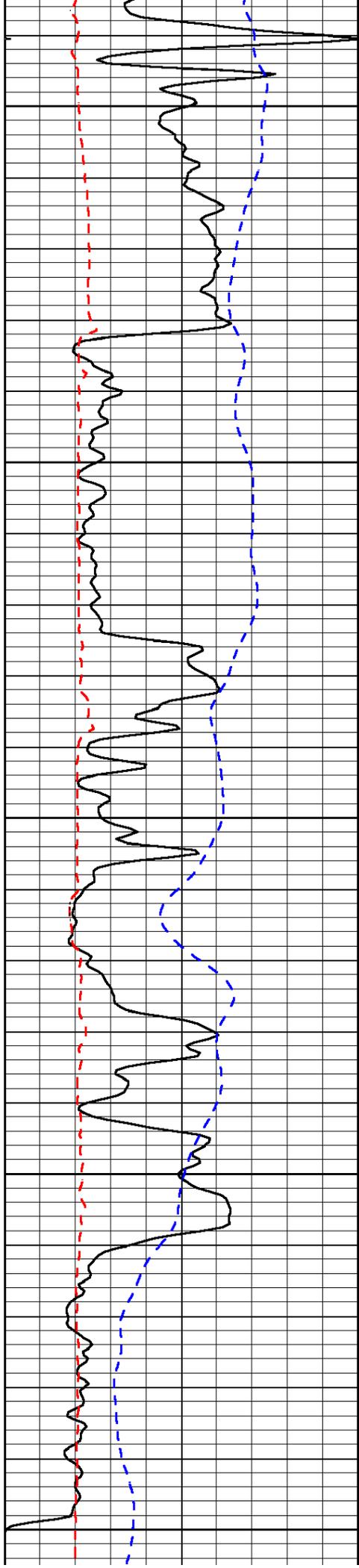


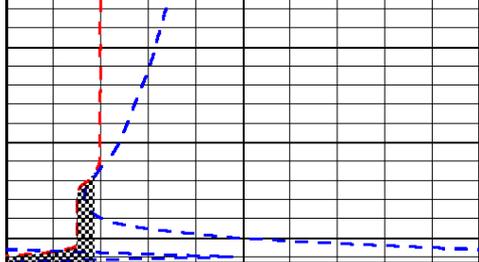
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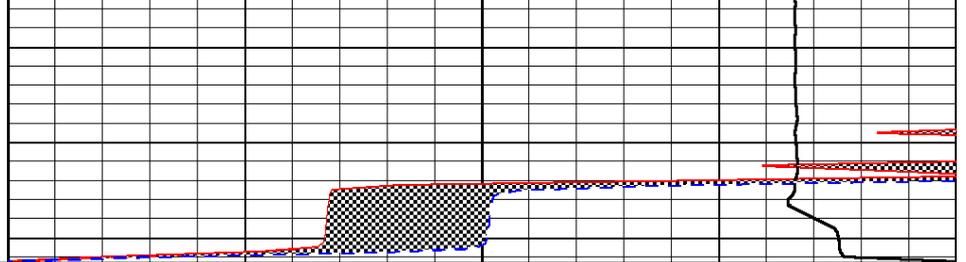
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-200	SP (mV)	0



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