



# Microresistivity Log

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

API No.	15-065-23,562-00-00		
Company	H&C Oil Operating		
Well	Worcester No 4-1		
Field	Wildcat		
County	Graham	State	Kansas
Location	990' FNL & 990' FWL		
Sec: 4	Twp: 7S	Rge: 23W	
Permanent Datum	Ground Level	Elevation 2467	Other Services CNL/CDL DIL/BHCS
Log Measured From	Kelly Bushing	5 Ft. Above Perm. Datum	
Drilling Measured From	Frotkelly Bushing		Elevation K.B. 2472 D.F. 2467 G.L. 2467

Date	08/10/2009	
Run Number	Two	
Depth Driller	3985	
Depth Logger	3984	
Bottom Logged Interval	3983	
Top Log Interval	3400	
Casing Driller	8.625 @ 302	
Casing Logger	297	
Bit Size	7.875	
Type Fluid in Hole	Chemical	
Salinity, ppm CL	1.000	
Density / Viscosity	9.3	46
pH / Fluid Loss	10.4	8.0
Source of Sample	Flowline	
Rm @ Meas. Temp	1.4 @ 76	
Rmf @ Meas. Temp	1.05 @ 76	
Rmc @ Meas. Temp	1.89 @ 76	
Source of Rmf / Rmc	Charts	
Rm @ BHT	.90 @ 118	
Operating Rig Time	4 1/2 Hours	
Max Rec. Temp. F	118	
Equipment Number	17	
Location	Hays	
Recorded By	Mike Garrison	
Witnessed By	Clayton Erickson	

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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

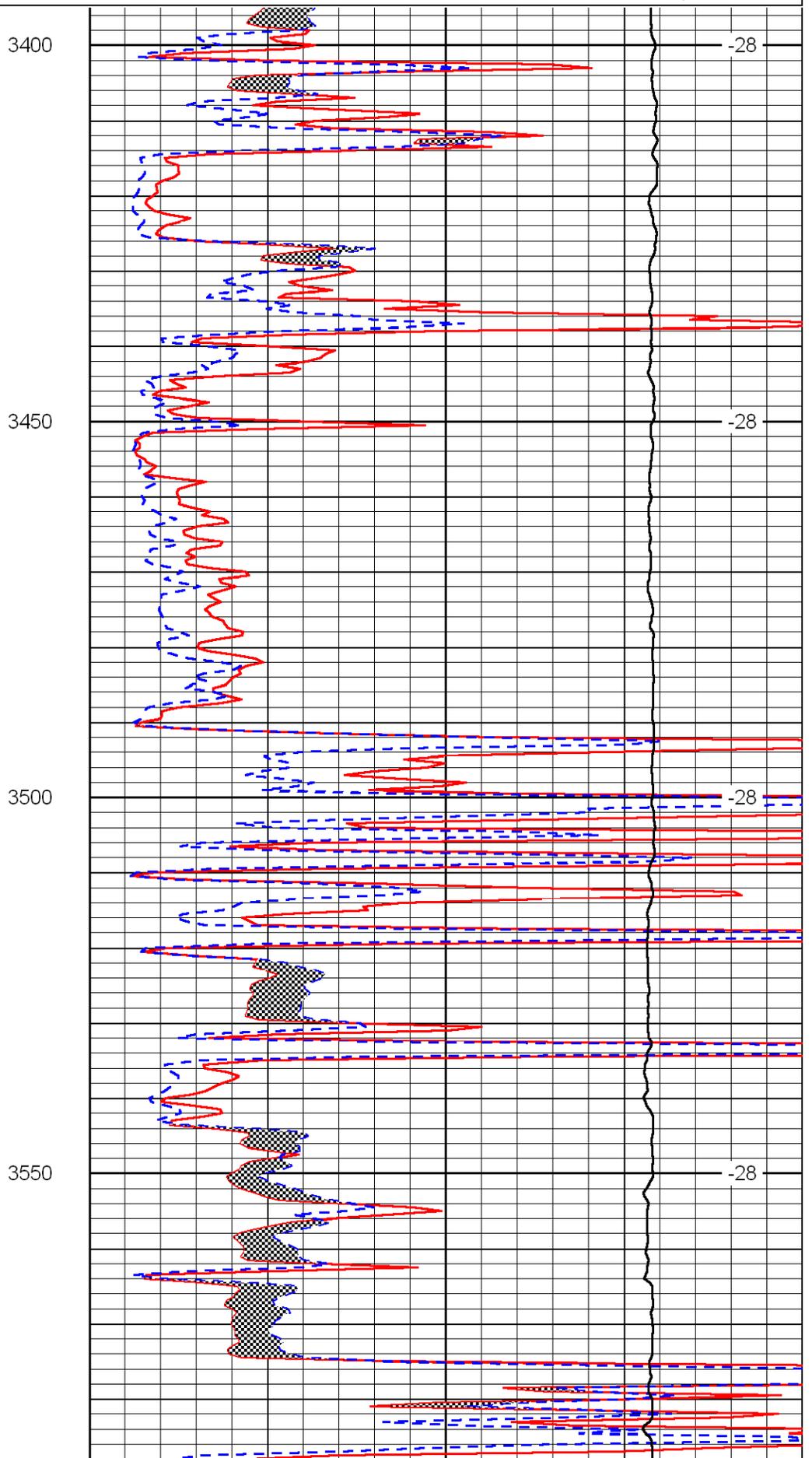
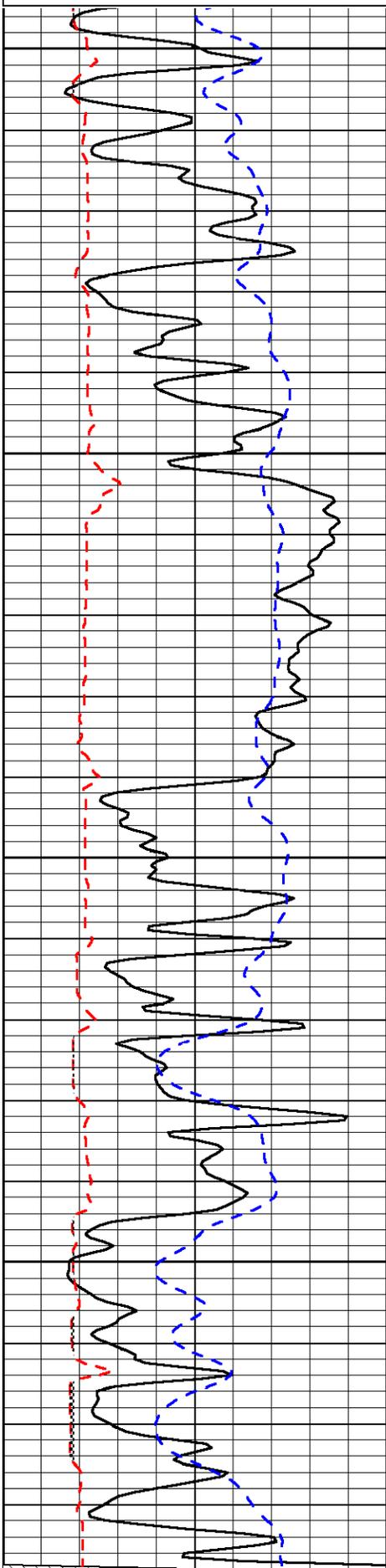
Hill City, 8 North to Y Rd., 2 1/2 West, South Into

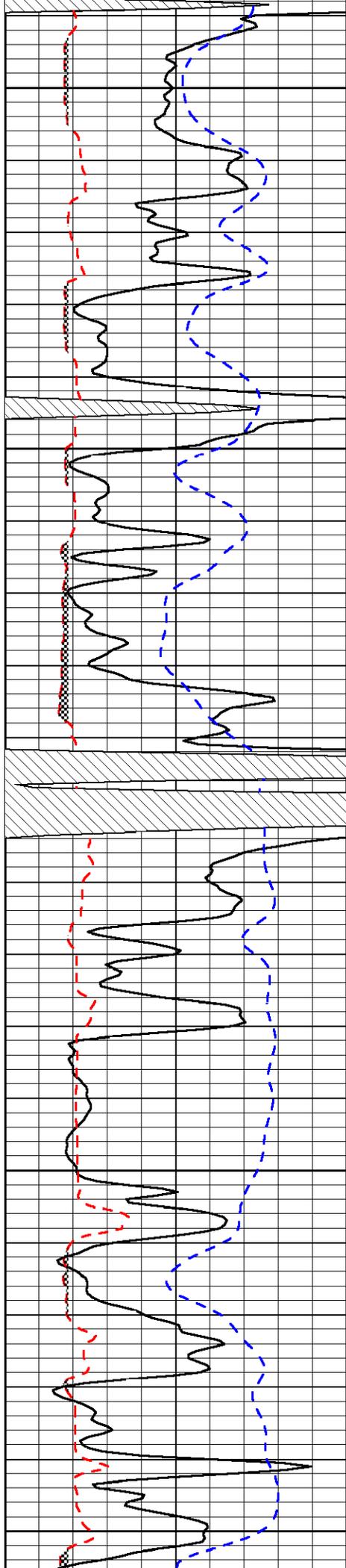
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 Dataset Pathname: dil/h&cstck  
 Presentation Format: micro  
 Dataset Creation: Mon Aug 10 08:47:12 2009  
 Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150
6	Micro Log Caliper (in)	16
-200	SP (MV)	0

0	Micro Inverse 1 X 1 (Ohm-m)	40
0	Micro Normal 2" (Ohm-m)	40
10000	Line Weight (lb)	0

LSPD  
(ft/min)





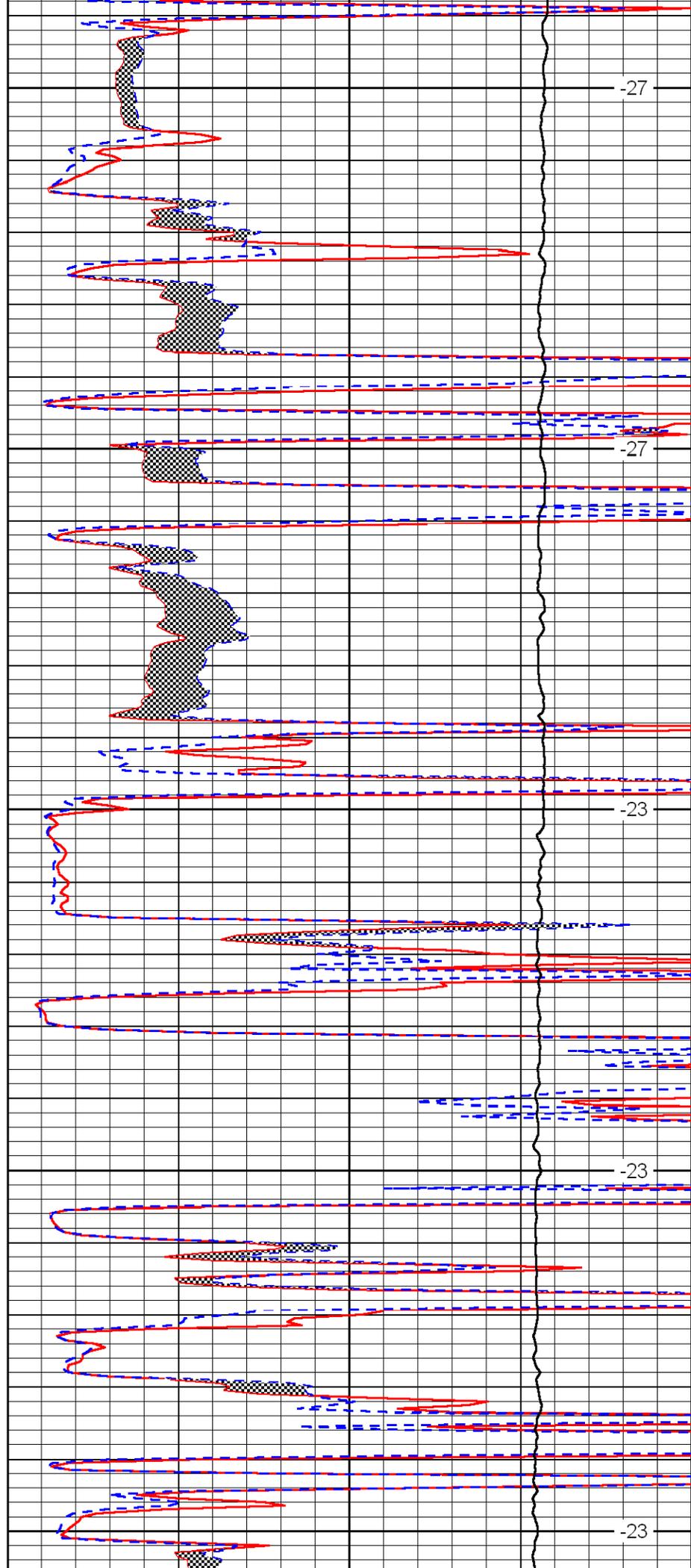
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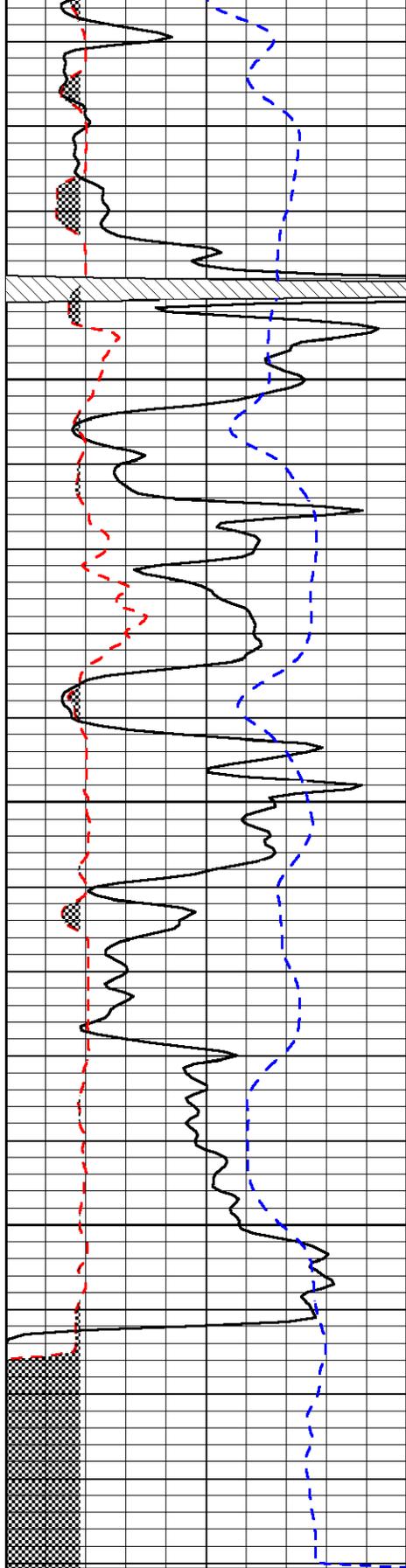
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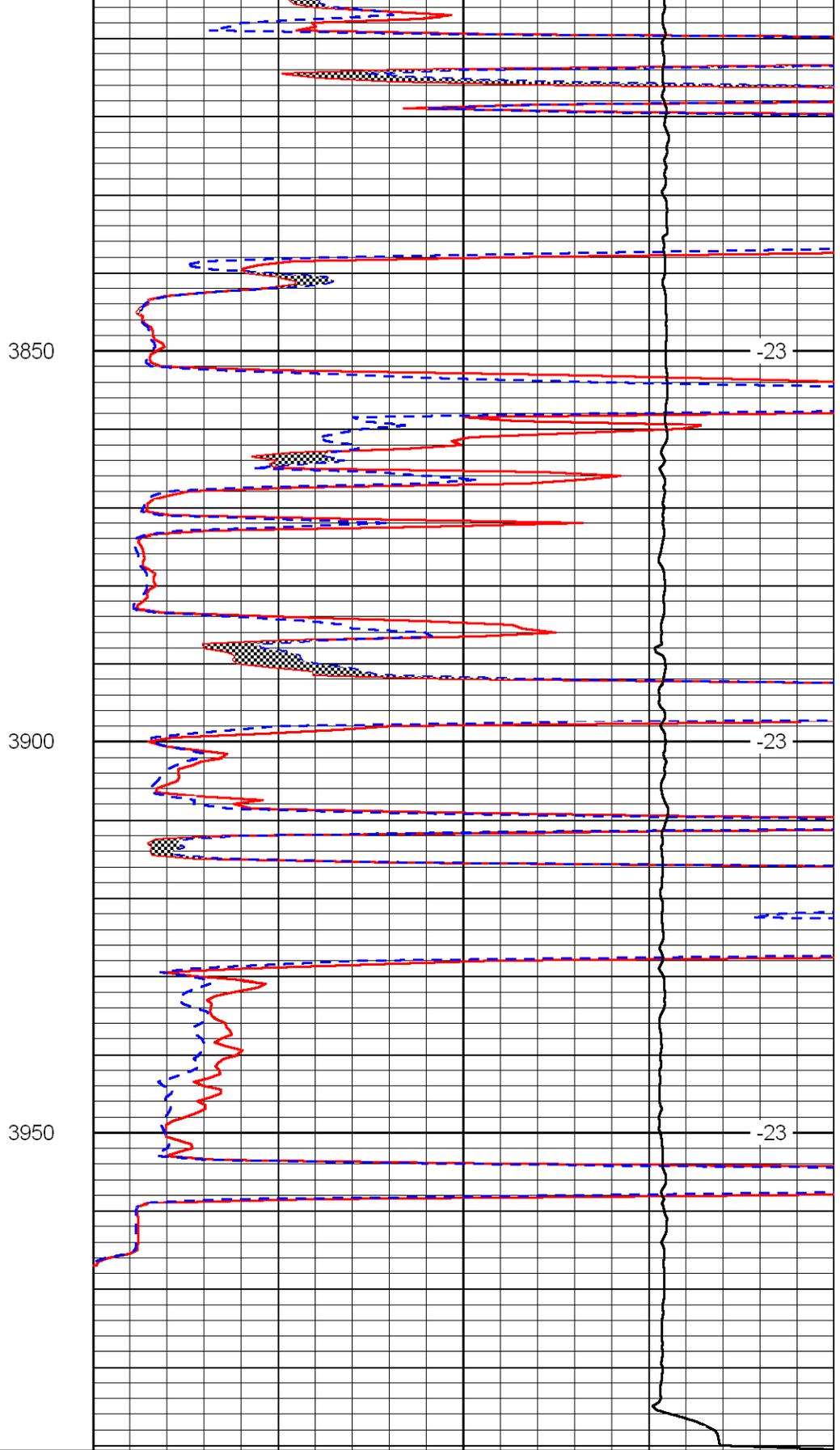
3750

3800





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