



# Microresistivity Log

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

API No.	15-065-23,694-00-00		
Company	H&M Petroleum Corporation		
Well	Betty Thunder No. 2		
Field	Unknown		
County	Graham	State	Kansas
Location	NE - NE - SE 2310' FSL & 330' FEL		
Sec: 30	Twp: 9 S	Rge: 24 W	
Permanent Datum	Ground Level	Elevation 2564	Other Services CNL/CDL DIL
Log Measured From	Kelly Bushing	5 Ft. Above Perm. Datum	
Drilling Measured From	Frotkelly Bushing		K.B. 2569 D.F. 2564 G.L. 2564

Date	10/28/2010
Run Number	Two
Depth Driller	4185
Depth Logger	4185
Bottom Logged Interval	4184
Top Log Interval	3400
Casing Driller	8.625 @ 217
Casing Logger	216
Bit Size	7.875
Type Fluid in Hole	Chemical
Salinity, ppm CL	3200
Density / Viscosity	9.6 71
pH / Fluid Loss	11.0 7.2
Source of Sample	Flowline
Rm @ Meas. Temp	2.60 @ 70
Rmf @ Meas. Temp	1.95 @ 70
Rmc @ Meas. Temp	3.51 @ 70
Source of Rmf / Rmc	Charts
Rm @ BHT	1.54 @ 118
Operating Rig Time	4 Hours
Max Rec. Temp. F	118
Equipment Number	15
Location	Havs
Recorded By	B. Becker
Witnessed By	Richard Hall

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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

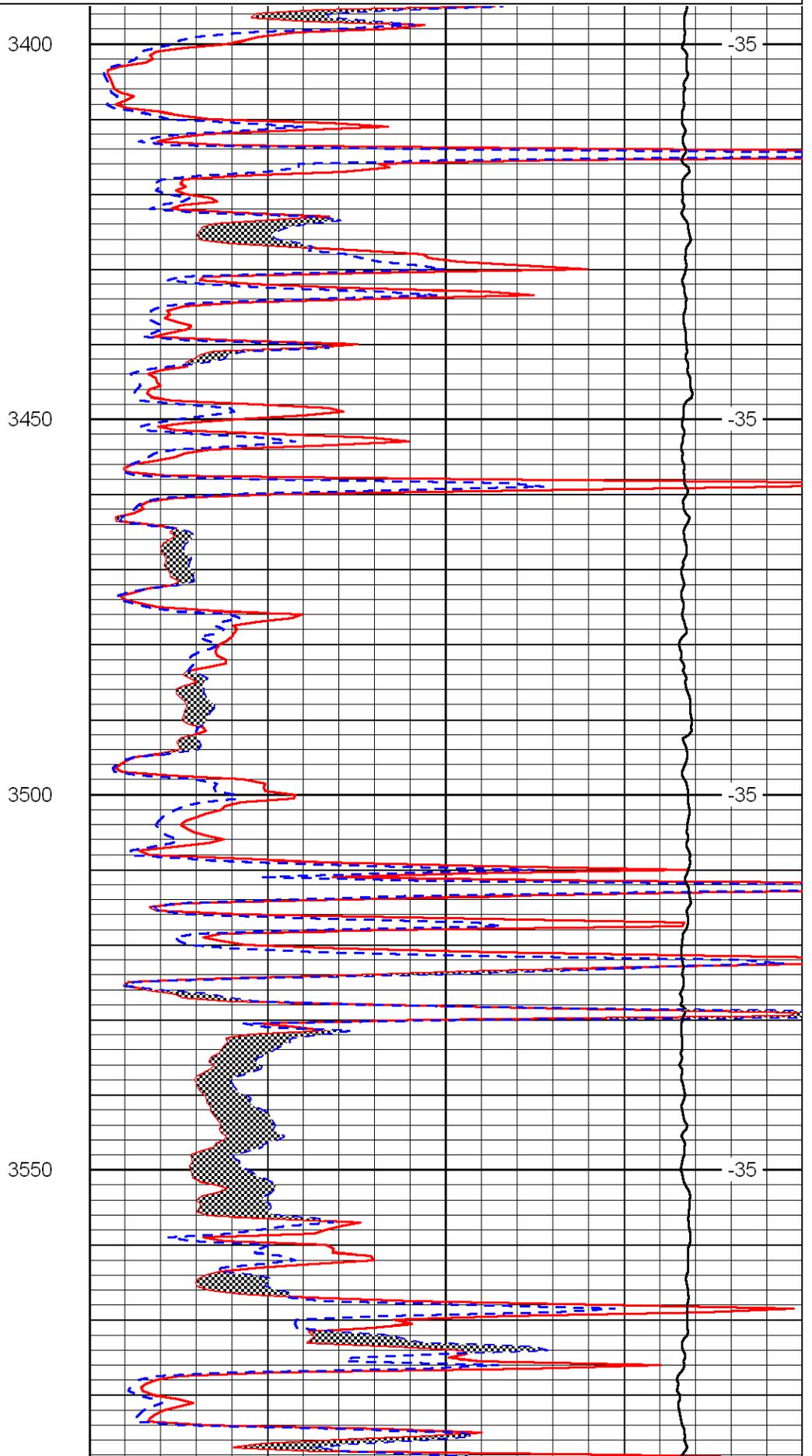
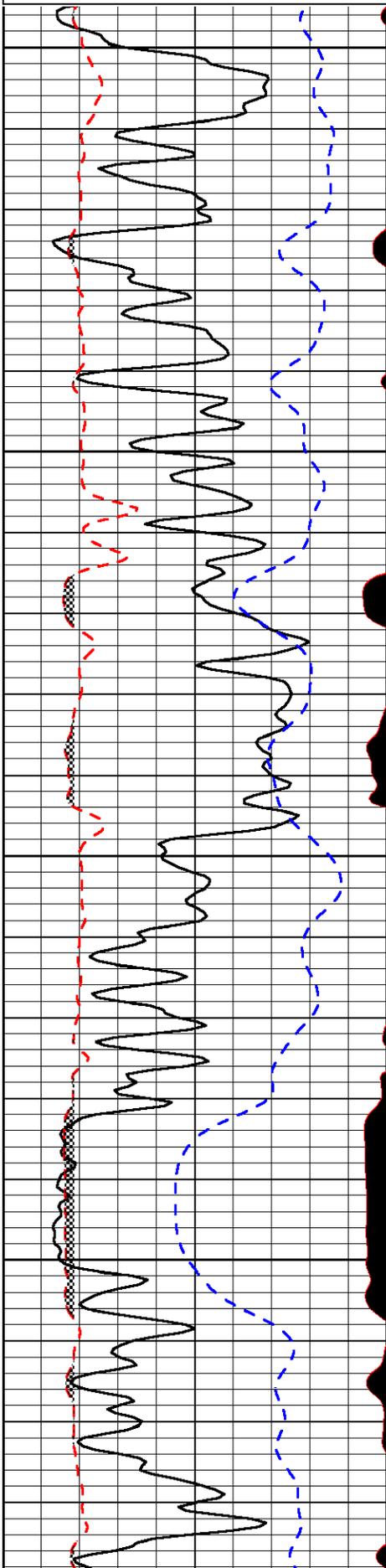
Thank you for using Log-Tech, Inc.  
(785) 625-3858

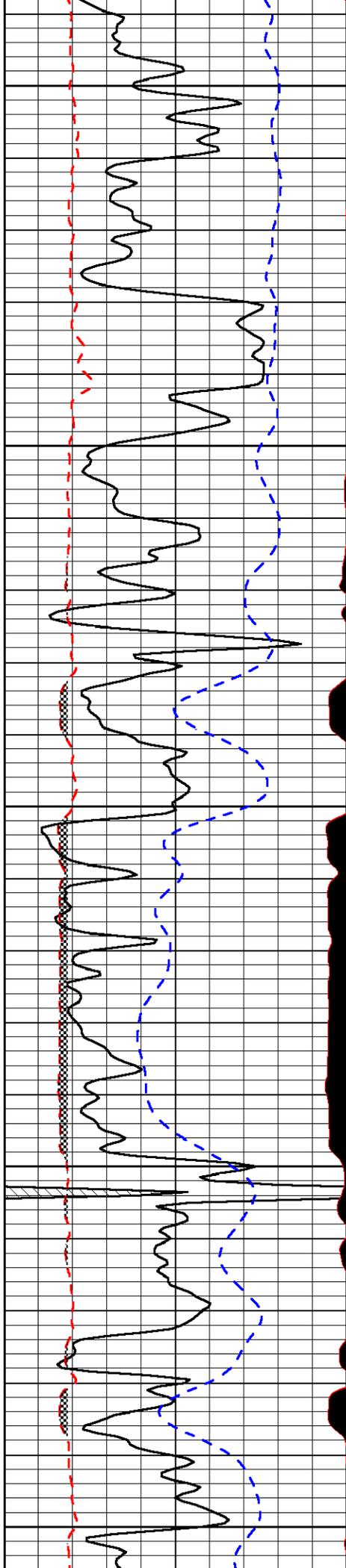
Wakeeney, Ks; North to Red Line Rd;  
9 W to 170th Rd; 1/2 North; West Into

Database File: h&m\_hd.db  
 Dataset Pathname: DIL/hmstk  
 Presentation Format: micro  
 Dataset Creation: Thu Oct 28 21:48:28 2010  
 Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150
6	MCAL (GAPI)	16
2.875	Mud Cake (GAPI)	7.875
-200	SP	0

0	Micro Inverse 1 X 1	40
0	Micro Normal 2"	40
10000	Line Weight	0
		LSPD





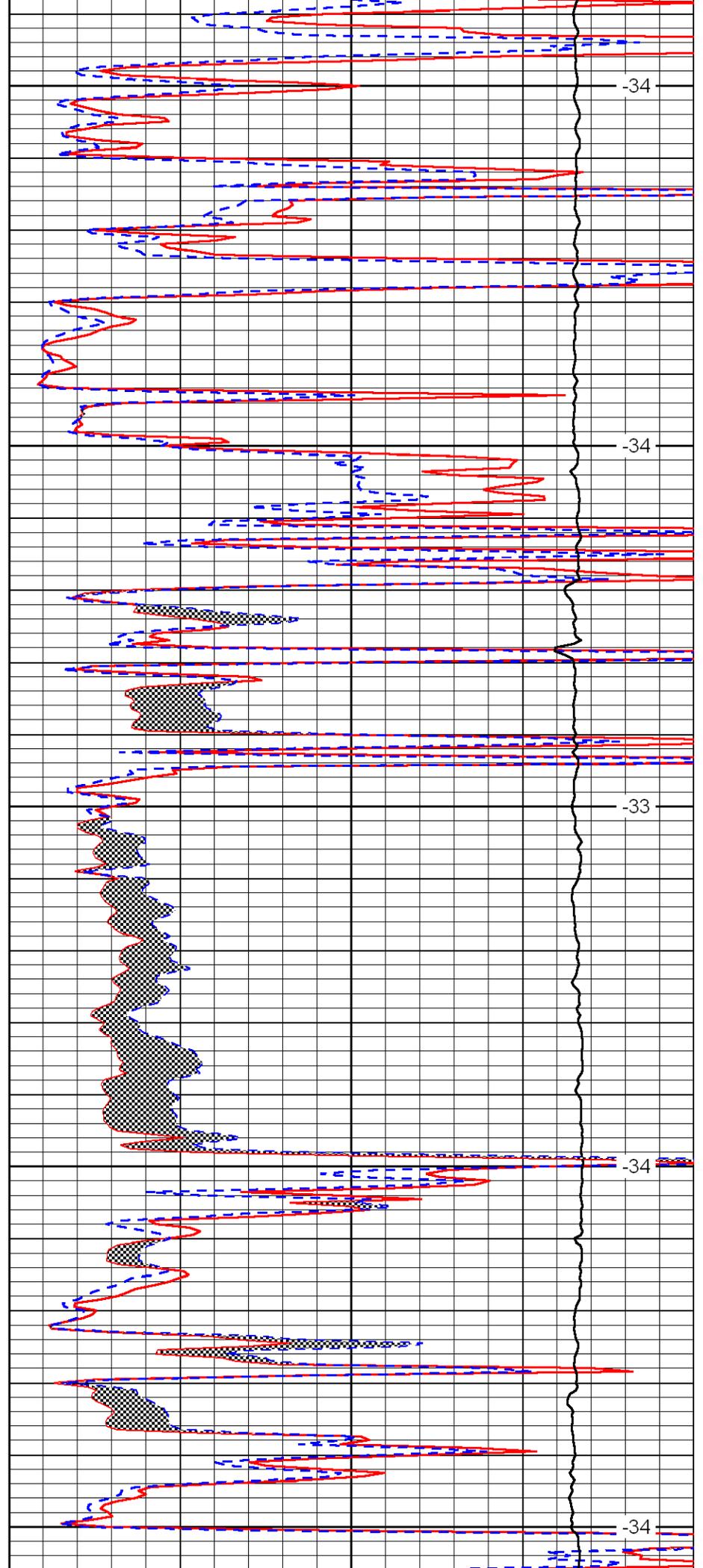
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3650

3700

3750

3800



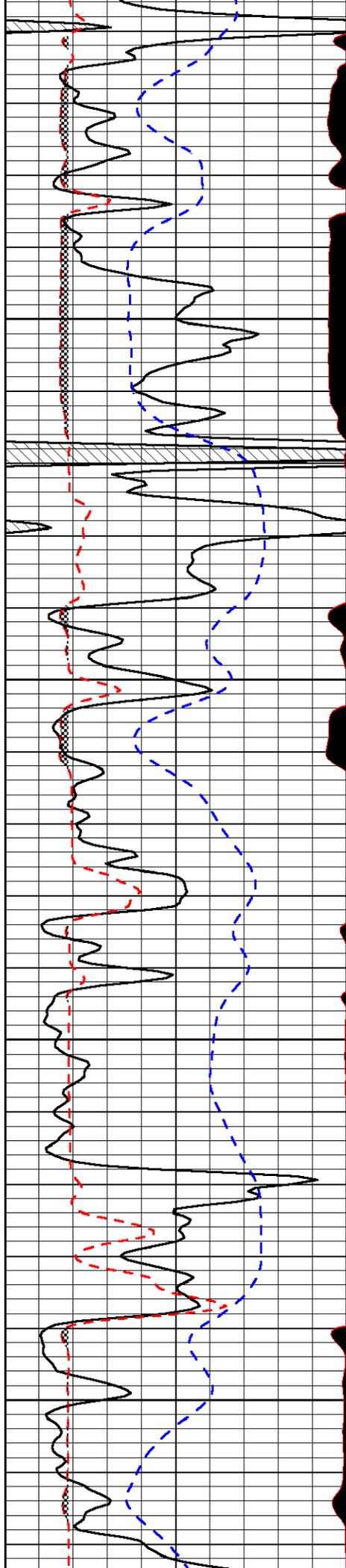
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-34

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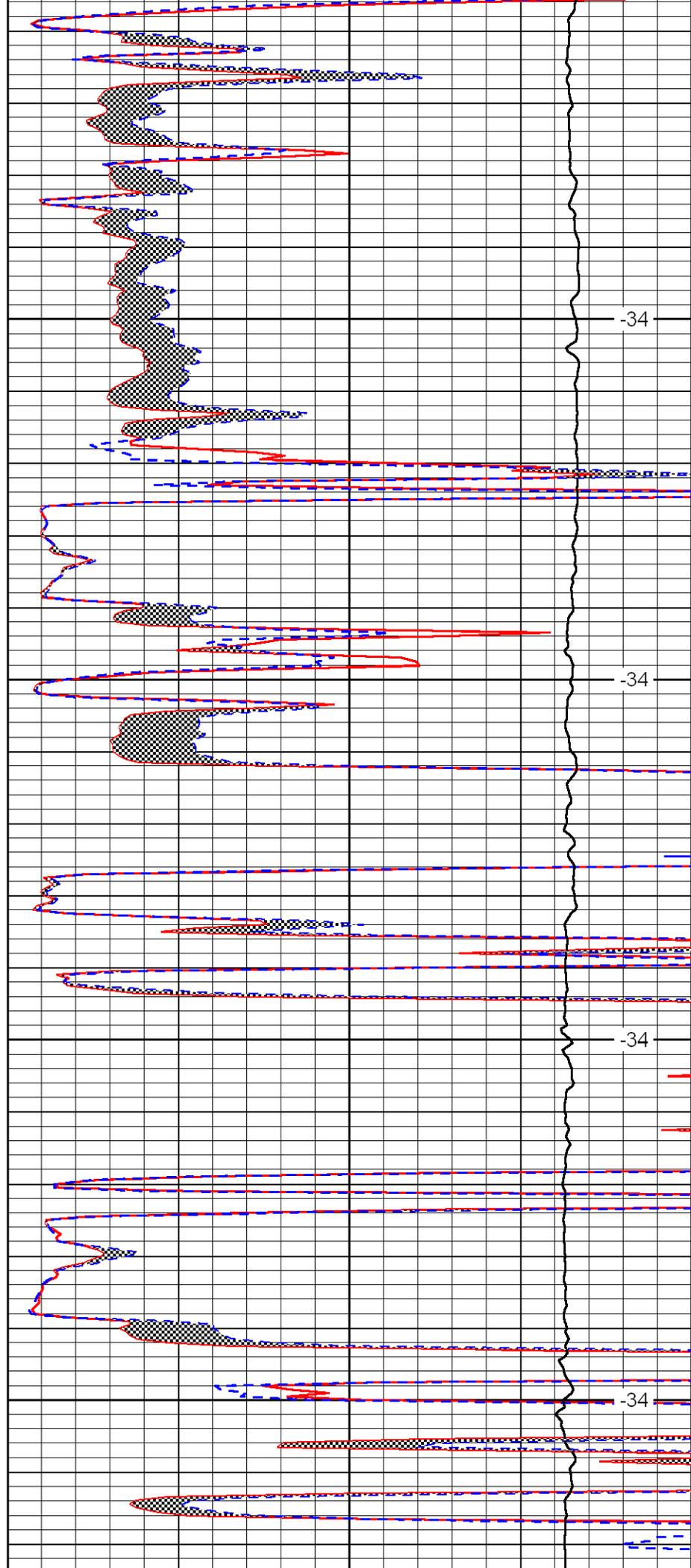


3850

3900

3950

4000

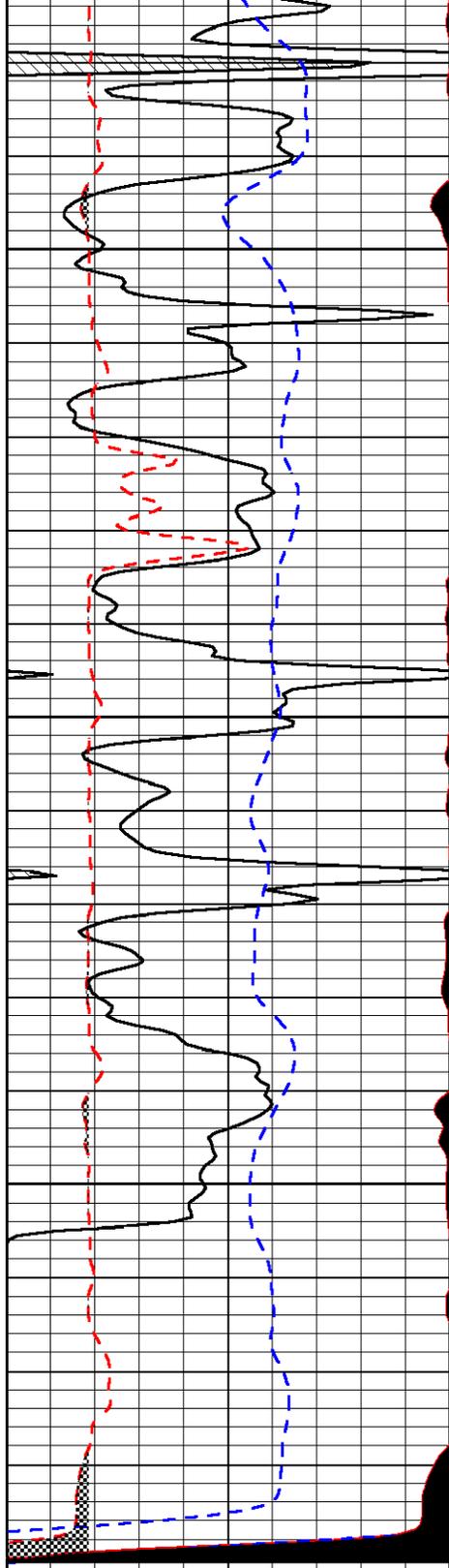


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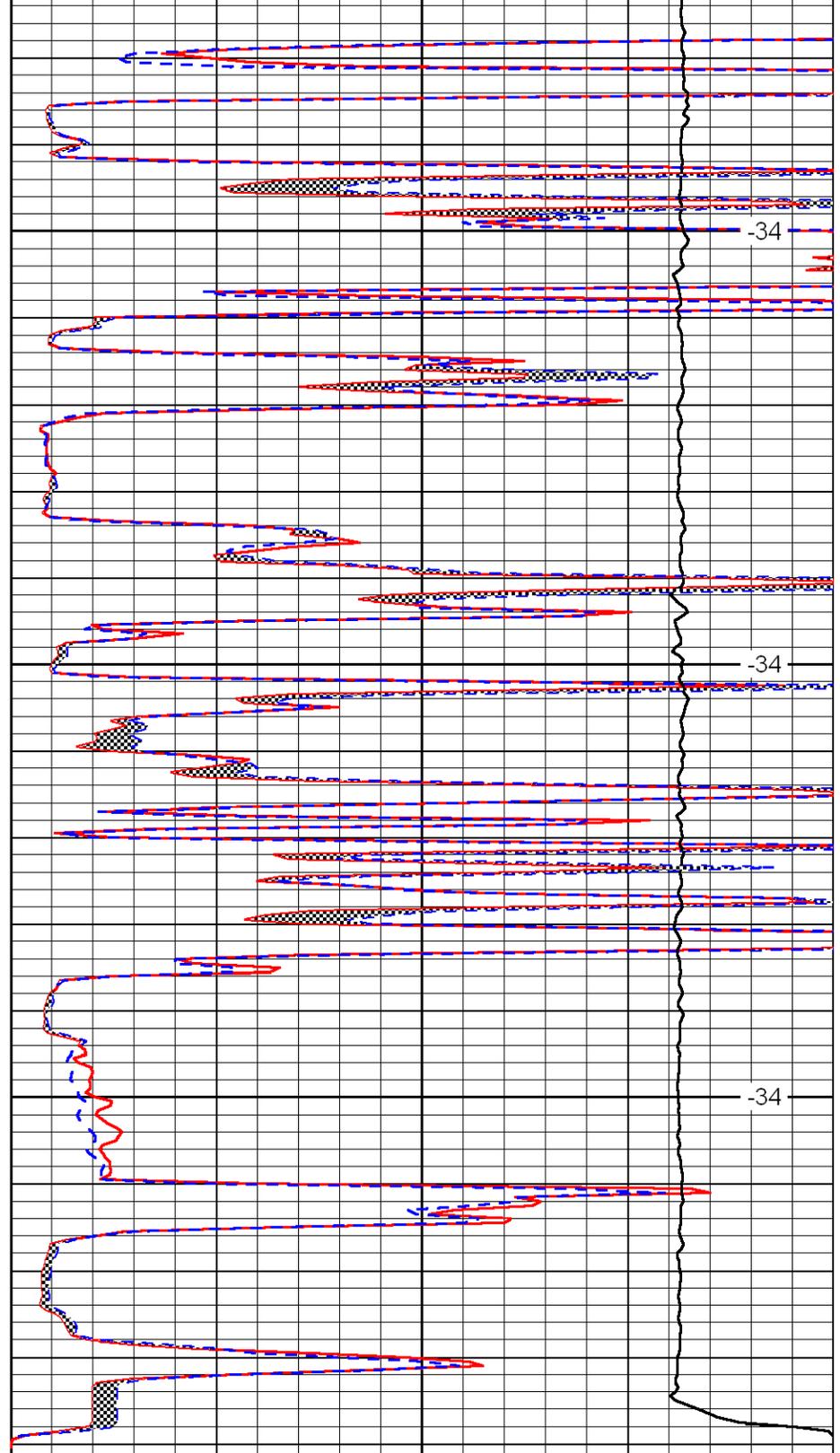


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4050

4100

4150



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