



# Microresistivity Log

DIGITAL LOG (785) 625-3858

API No.	15-065-23,600-00-00		
Company	H & C Oil Operating, Inc.		
Well	Walters No.32-1		
Field	Wildcat		
County	Graham	State	Kansas
Location	1650' FSL & 660' FEL		
Sec:	32	Twp:	6S Rge: 23W
Permanent Datum	Ground Level	Elevation	2476
Log Measured From	Kelly Bushing	5 Ft. Above Perm. Datum	
Drilling Measured From	Kelly Bushing		
		K.B.	2481
		D.F.	2476
		G.L.	2476

Date	12/12/2009
Run Number	Two
Depth Driller	3972
Depth Logger	3975
Bottom Logged Interval	3974
Top Log Interval	3400
Casing Driller	8.625 @ 294
Casing Logger	290
Bit Size	7.875
Type Fluid in Hole	Chemical
Salinity, ppm CL	1.800
Density / Viscosity	9.4 57
pH / Fluid Loss	10.3 7.0
Source of Sample	Flowline
Rm @ Meas. Temp	2 @ 60
Rmf @ Meas. Temp	1.5 @ 60
Rmc @ Meas. Temp	2.7 @ 60
Source of Rmf / Rmc	Charts
Rm @ BHT	1.02 @ 118
Operating Rig Time	4 Hours
Max Rec. Temp. F	118
Equipment Number	17
Location	Hays
Recorded By	C. Desaire
Witnessed By	Marc Downing

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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

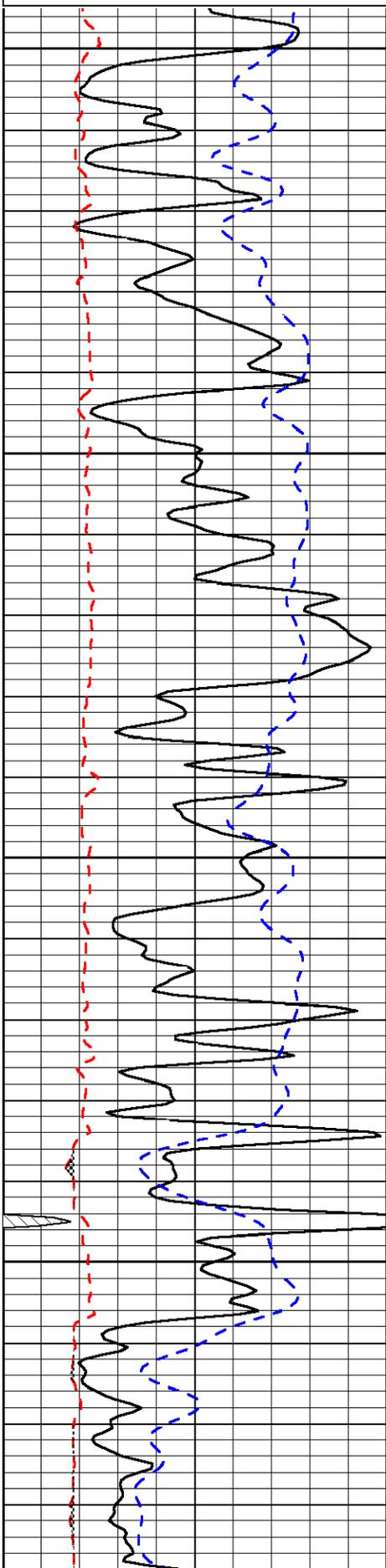
Thank you for using Log-Tech, Inc.  
 (785) 625-3858  
 Hill City, 8 N to Y Rd,  
 3 1/4 W, N Into

Database File: c:\warrior\data\h&c\_walters#32-1\h&coilhd.db  
 Dataset Pathname: dil/hcstk  
 Presentation Format: micro  
 Dataset Creation: Sat Dec 12 16:08:31 2009  
 Charted by: Depth in Feet scaled 1:240

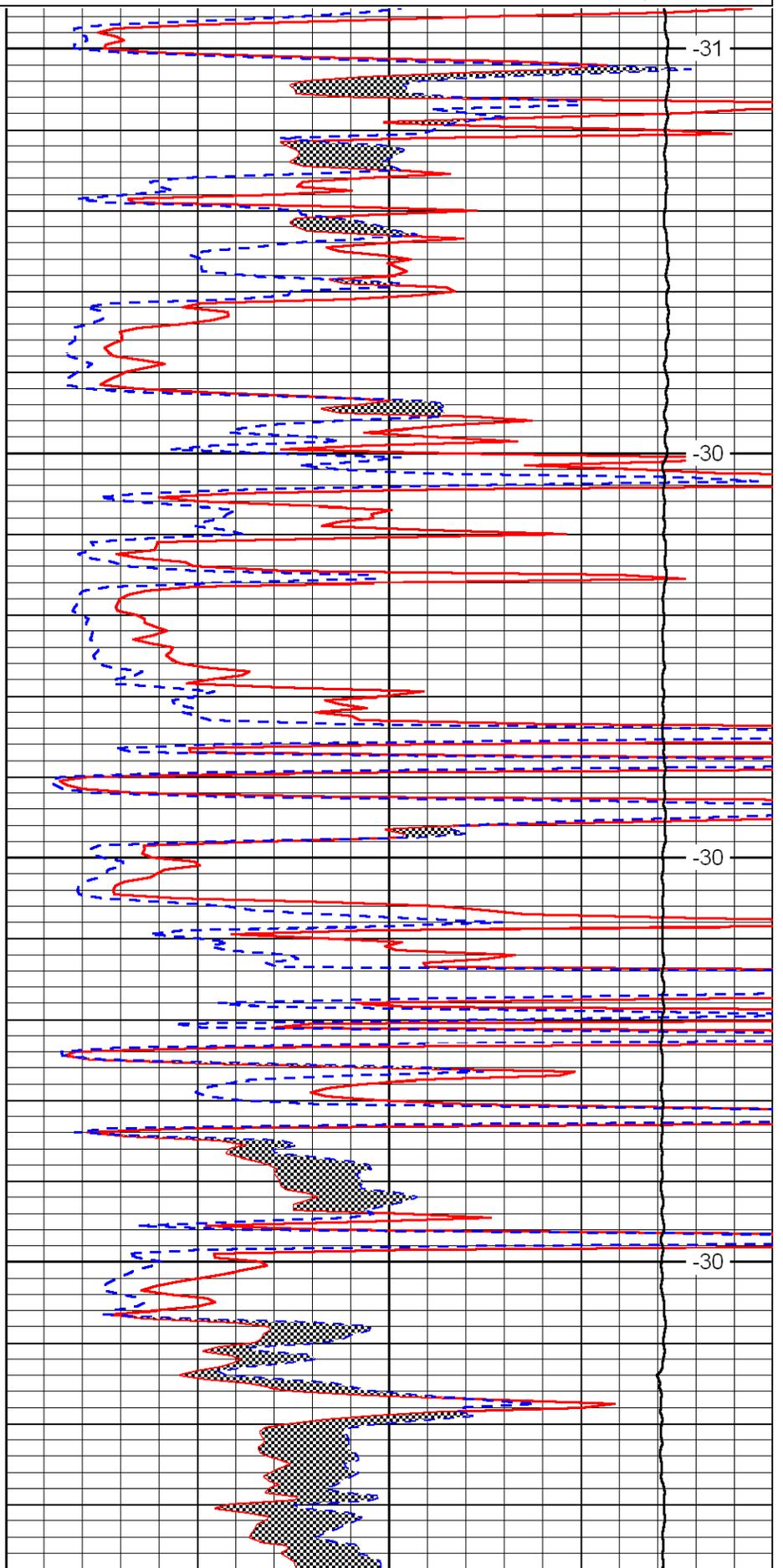
0	Gamma Ray	150
6	Micro Log Caliper (in)	16
-200	SP (MV)	0

0	Micro Inverse 1 X 1 (Ohm-m)	40
0	Micro Normal 2" (Ohm-m)	40
15000	Line Weight (lb)	0

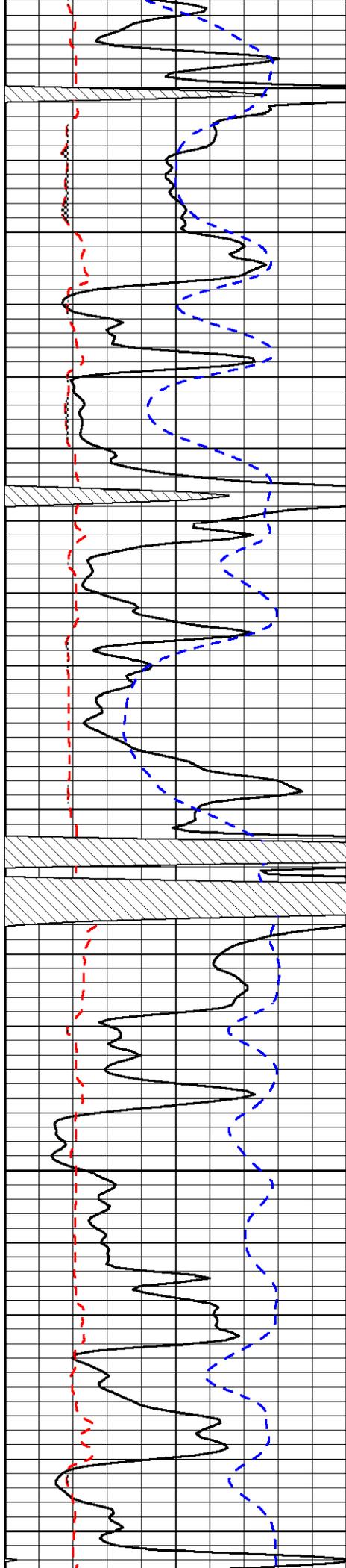
LSPD  
(ft/min)



3400  
3450  
3500  
3550



-31  
-30  
-30  
-30



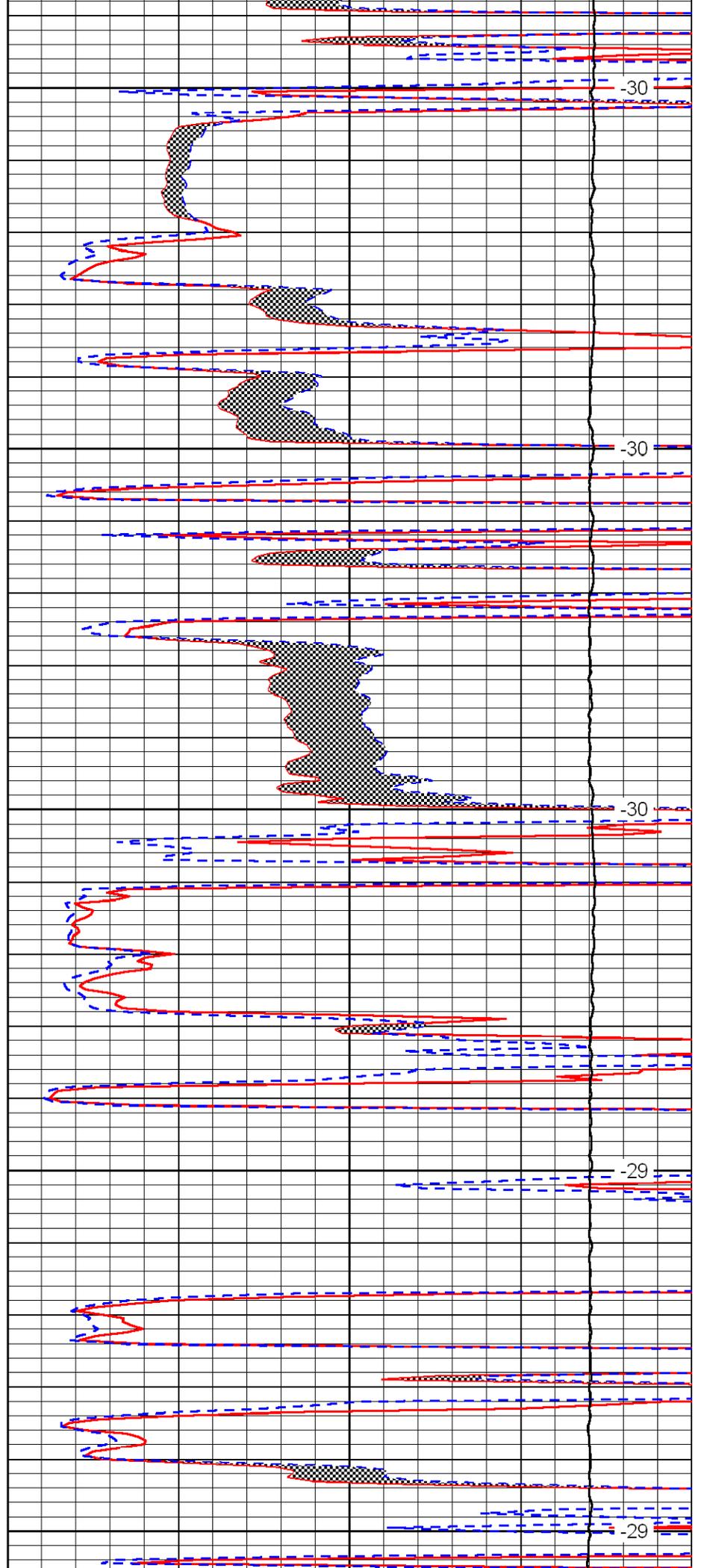
3600

3650

3700

3750

3800



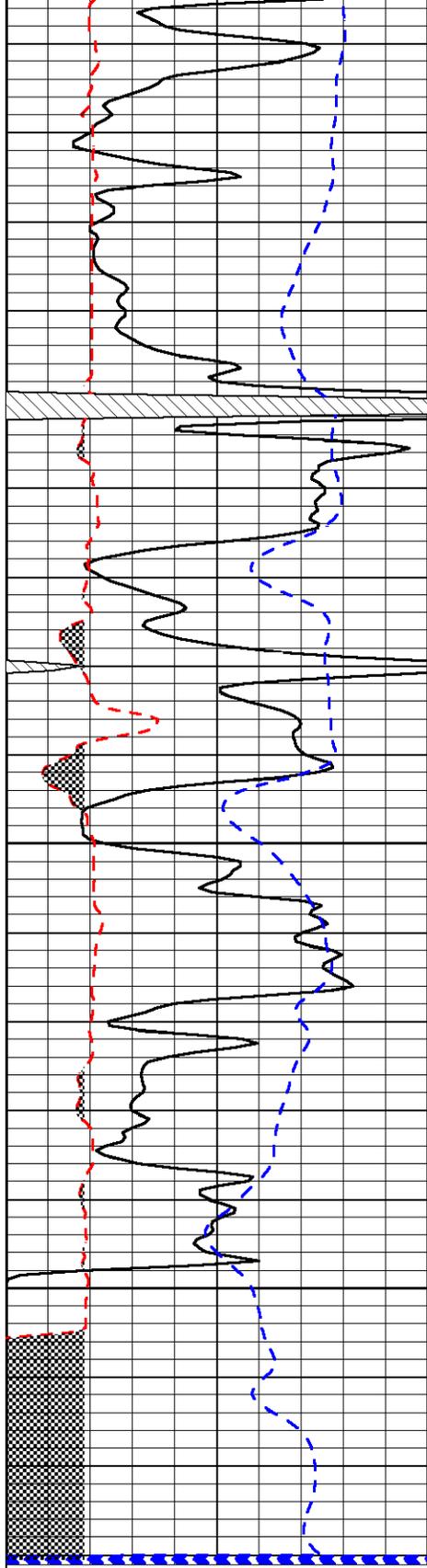
-30

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-29

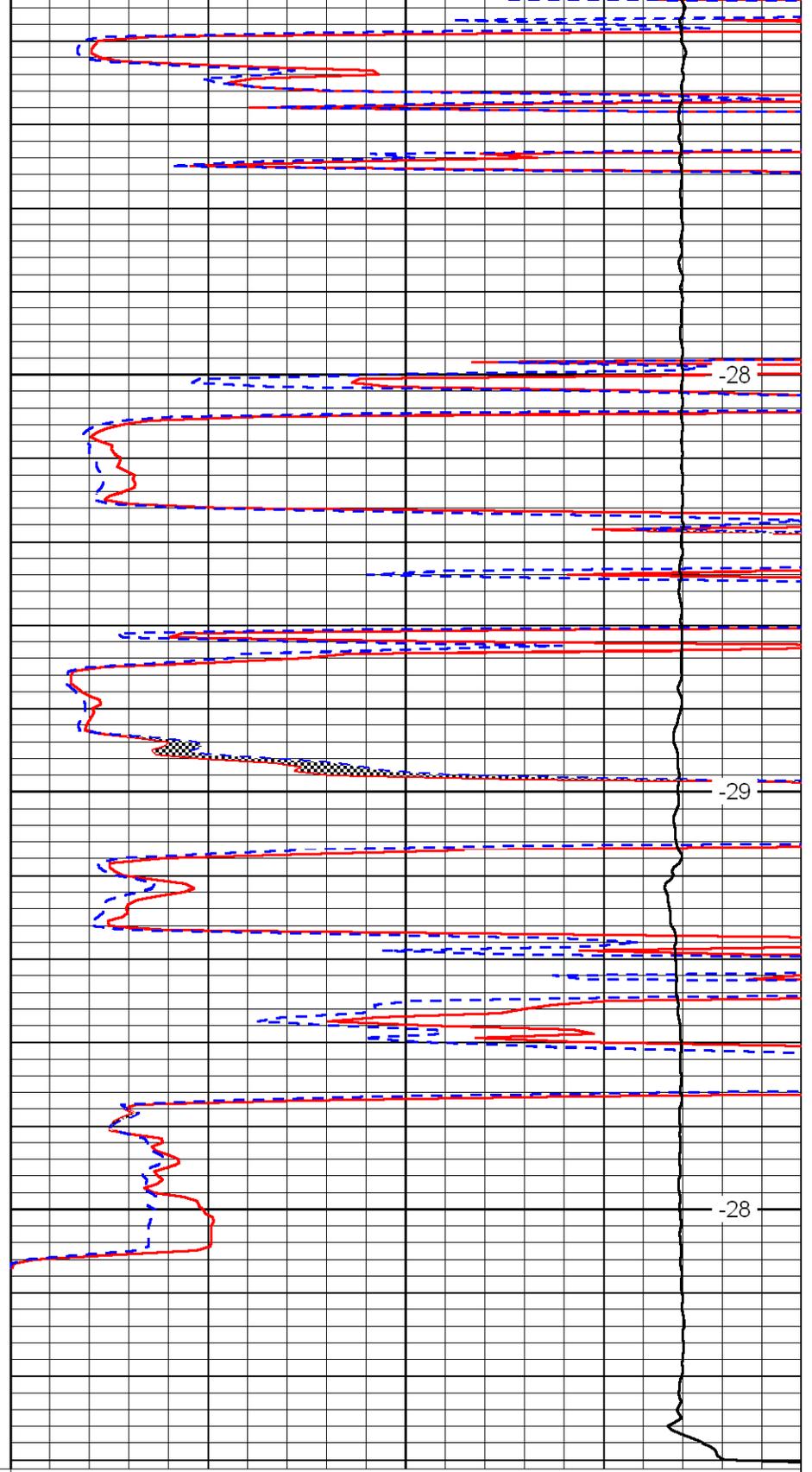


3850

3900

3950

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-28

-29

-28

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