



Microresistivity Log

DIGITAL LOG (785) 625-3858

API No. 15-195-22,628-00-00	Company Murfin Drilling Company, Inc.	
	Well PNK #1-9	
	Field Vopeak	
	County Trego	State Kansas
	Location SW NE NW SW 2080' FSL & 870' FWL	Other Services CNL / CDL DIL / BHCS
	Sec: 9 Twp: 12S Rge: 21W	Elevation K.B. 2327 D.F. G.L. 2322

Permanent Datum Log Measured From Drilling Measured From	Ground Level Kelly Bushing Frothelly Bushing	Elevation 2322 5 Ft. Above Perm. Datum
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Date	9/25/2009	
Run Number	Two	
Depth Driller	4110	
Depth Logger	4113	
Bottom Logged Interval	4112	
Top Log Interval	3250	
Casing Driller	8.625 @ 210	
Casing Logger	208	
Bit Size	7.875	
Type Fluid in Hole	Chemical	
Salinity, ppm CL	6.200	
Density / Viscosity	9.1 47	
pH / Fluid Loss	10.5 8.0	
Source of Sample	Flowline	
Rm @ Meas. Temp	1.1 @ 68	
Rmf @ Meas. Temp	.83 @ 68	
Rmc @ Meas. Temp	1.49 @ 68	
Source of Rmf / Rmc	Charts	
Rm @ BHT	.64 @ 117	
Operating Rig Time	4 Hours	
Max Rec. Temp. F	117	
Equipment Number	17	
Location	Hays	
Recorded By	T. Martin	
Witnessed By	Bob Petersen	

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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.

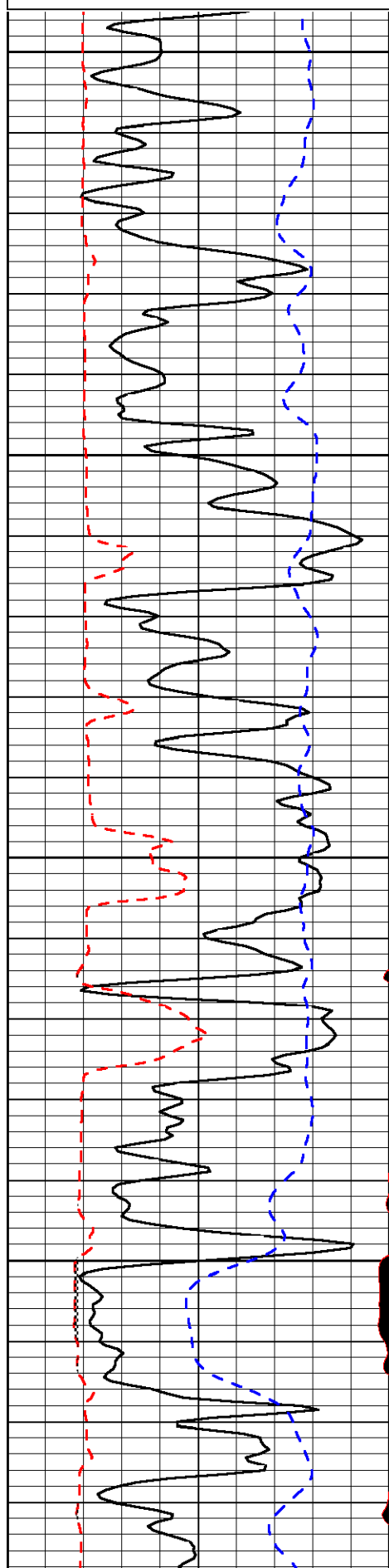
Comments

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

I-70 and Riga Rd, 2 N, 1 W, 1/2 N, E into

Database File: murfinhd.db
Dataset Pathname: dil/mfnstk
Presentation Format: micro
Dataset Creation: Fri Sep 25 04:29:53 2009
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150
6	Micro Log Caliper (GAPI)	16
2.875	mcal (GAPI)	7.875
-200	SP	0



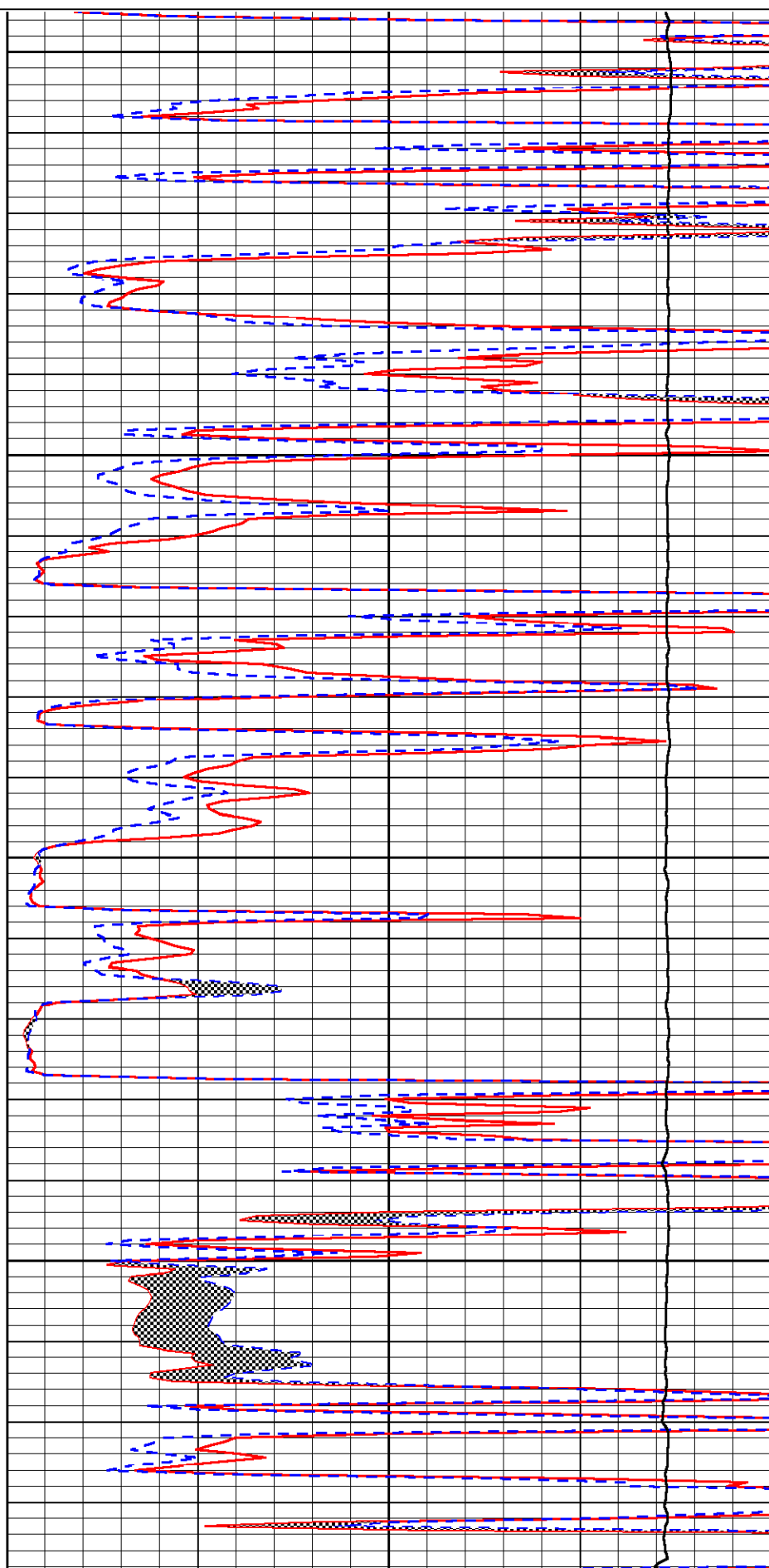
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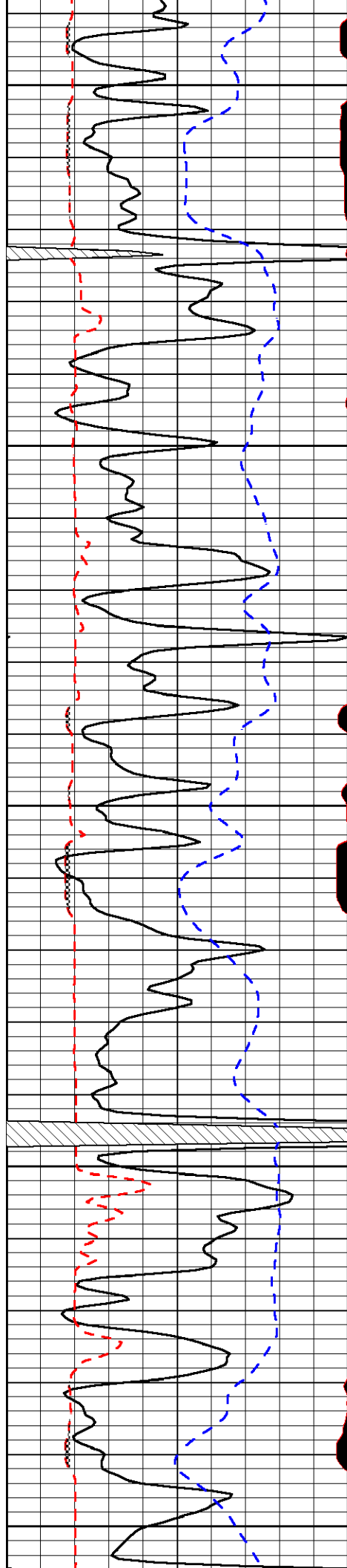
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3350

3400

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





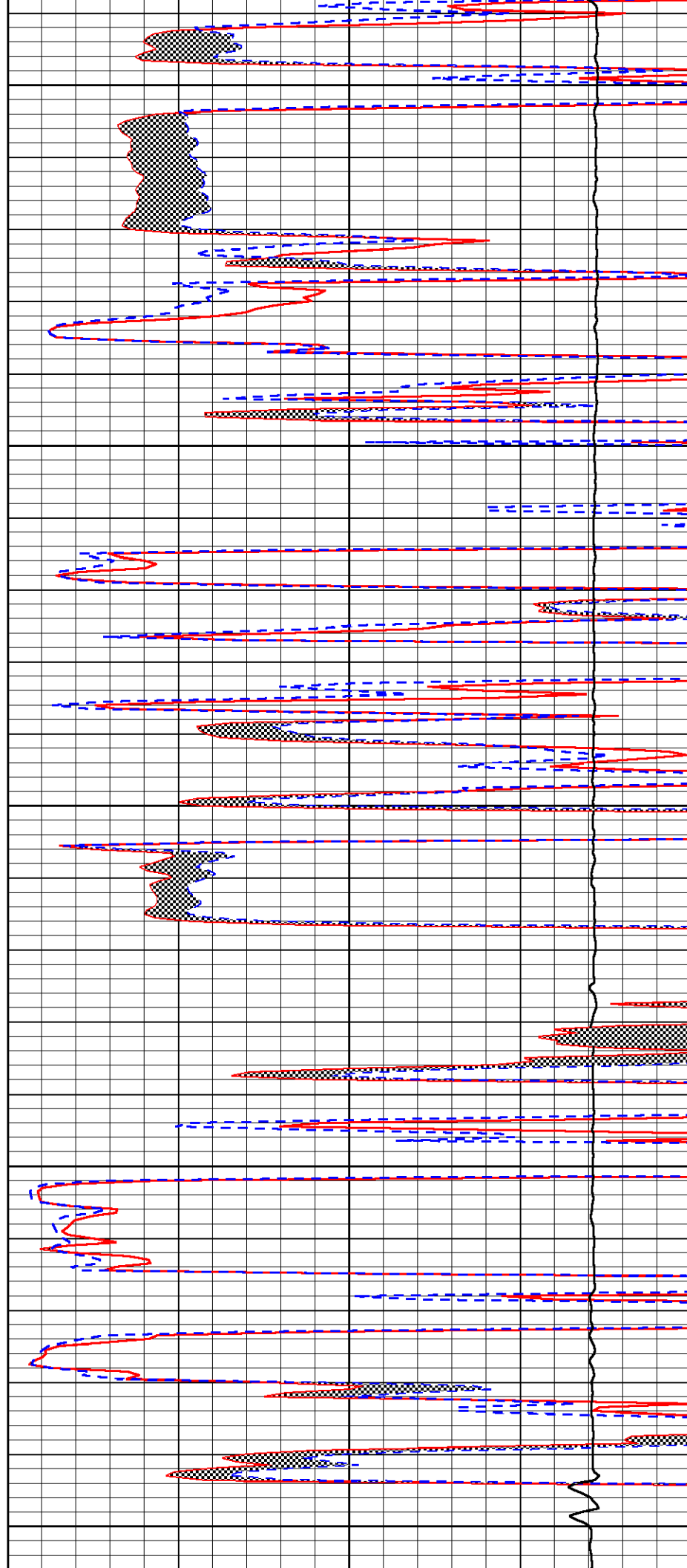
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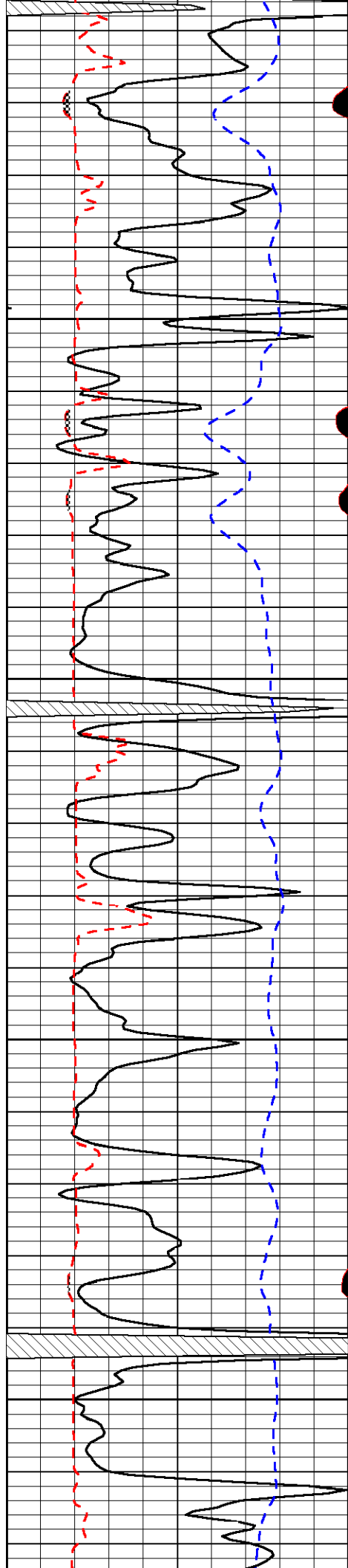
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3600

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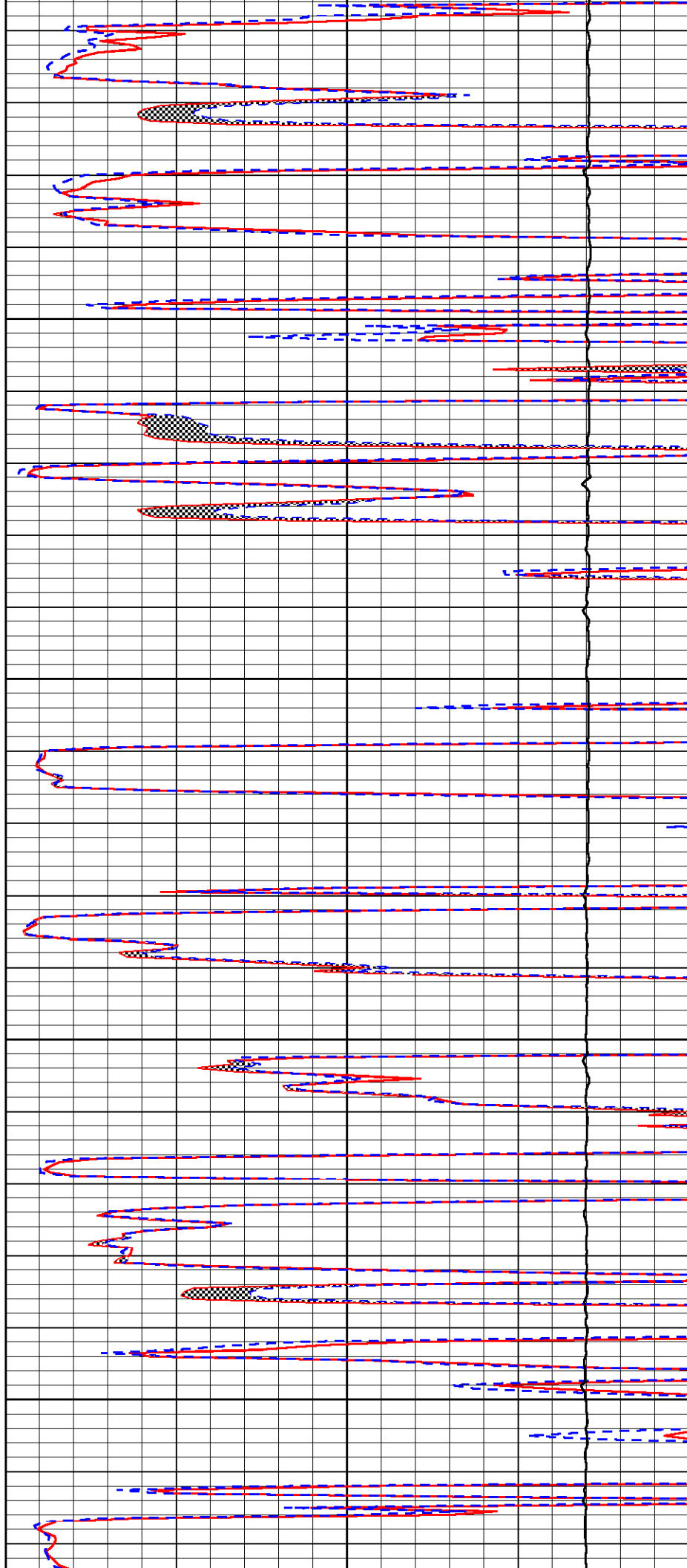


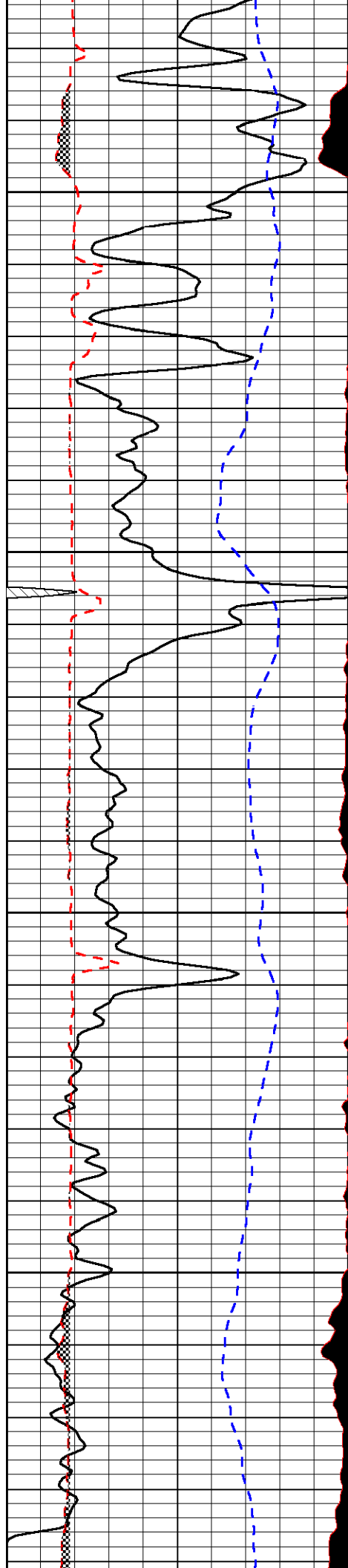
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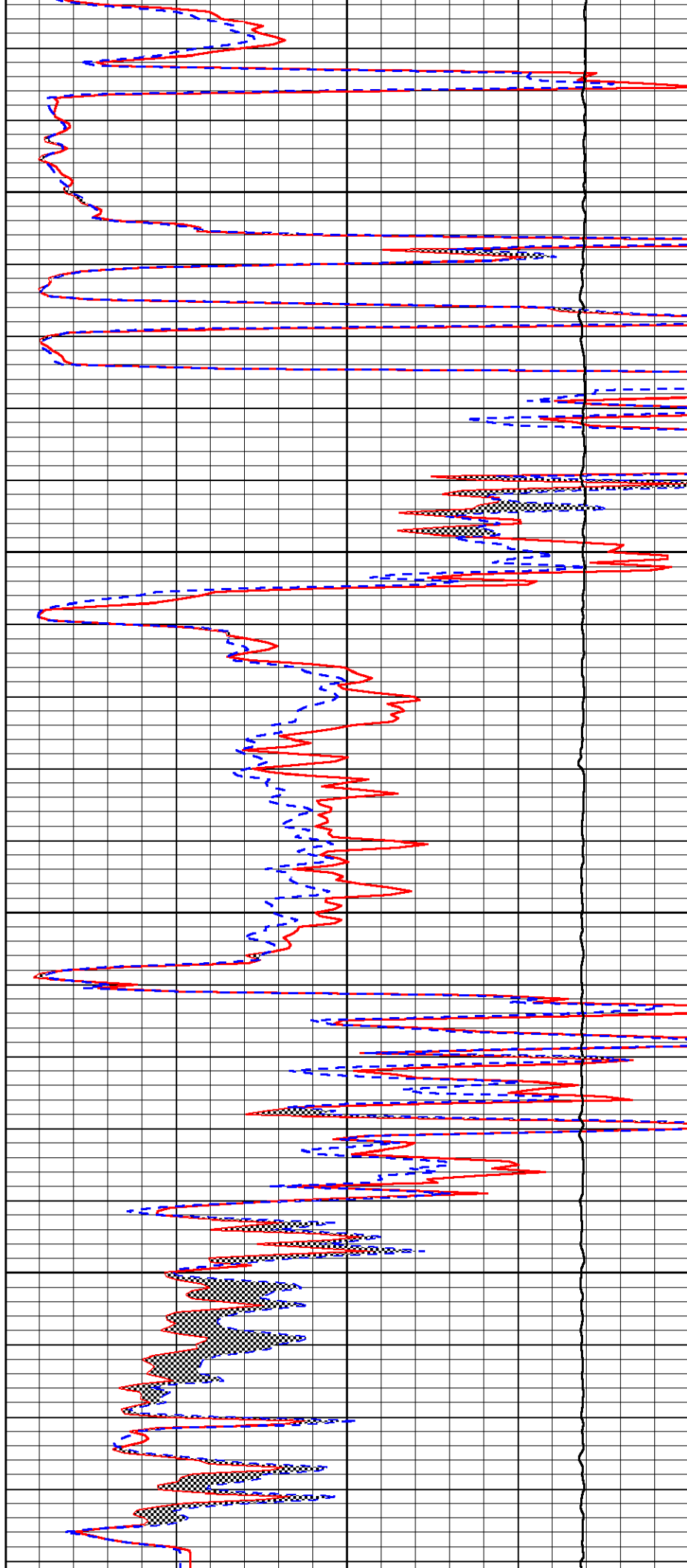


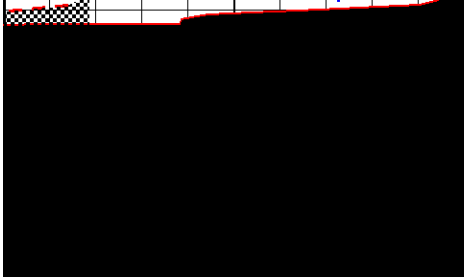
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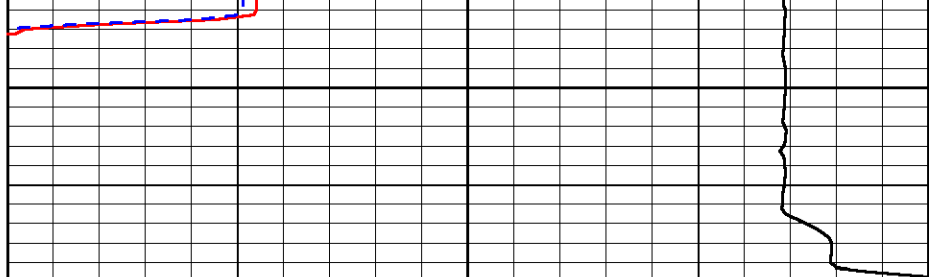
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4050





4100



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