



Microresistivity Log

DIGITAL LOG (785) 625-3858

API No.	15-165-21,861-00-00		
Company	Murfin Drilling Company, Inc.		
Well	McGowan No. 1-15		
Field	Wildcat		
County	Rush	State	Kansas
Location	900' FNL & 1900' FWL		
Sec: 15	Twp: 16S	Rge: 20W	
Permanent Datum	Ground Level	Elevation 2185	Other Services CNL/CDL DIL/BHCS
Log Measured From	Kelly Bushing	5 Ft. Above Perm. Datum	
Drilling Measured From	Frotkelly Bushing		Elevation K.B. 2190 D.F. 2185 G.L. 2185

Date	11/03/2009
Run Number	Two
Depth Driller	4060
Depth Logger	4058
Bottom Logged Interval	4057
Top Log Interval	3100
Casing Driller	8.625 @ 218
Casing Logger	215
Bit Size	7.875
Type Fluid in Hole	Chemical
Salinity, ppm CL	8,200
Density / Viscosity	9.2 52
pH / Fluid Loss	11.0 8.0
Source of Sample	Flowline
Rm @ Meas. Temp	1.1 @ 58
Rmf @ Meas. Temp	.83 @ 58
Rmc @ Meas. Temp	1.49 @ 58
Source of Rmf / Rmc	Charts
Rm @ BHT	.54 @ 119
Operating Rig Time	4 1/2 Hours
Max Rec. Temp. F	119
Equipment Number	4
Location	Hays
Recorded By	Mike Garrison
Witnessed By	Paul Gunzelman

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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

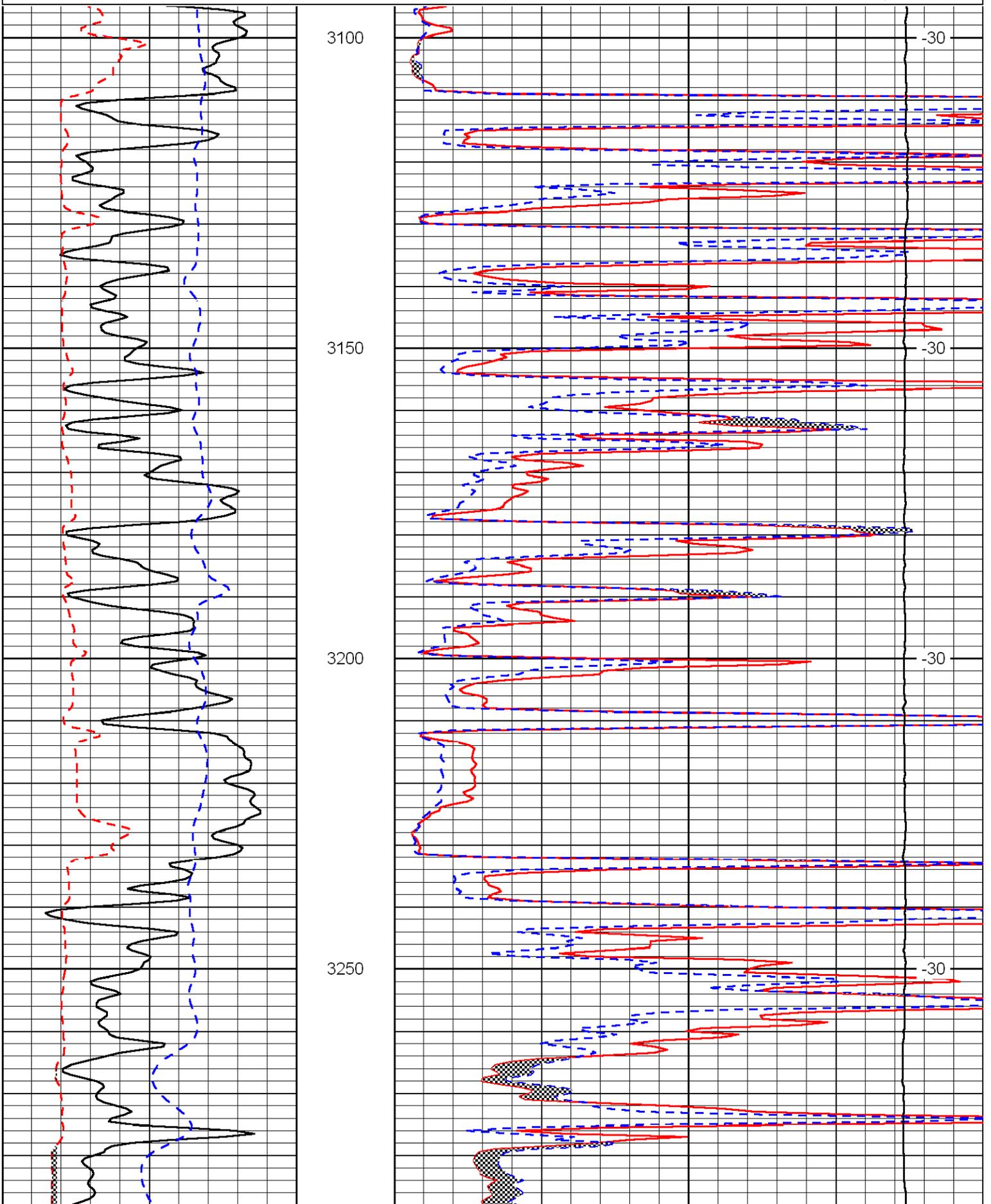
Liebenthal 1/2 South, 11 1/2 West, 1 1/2 North, East Into

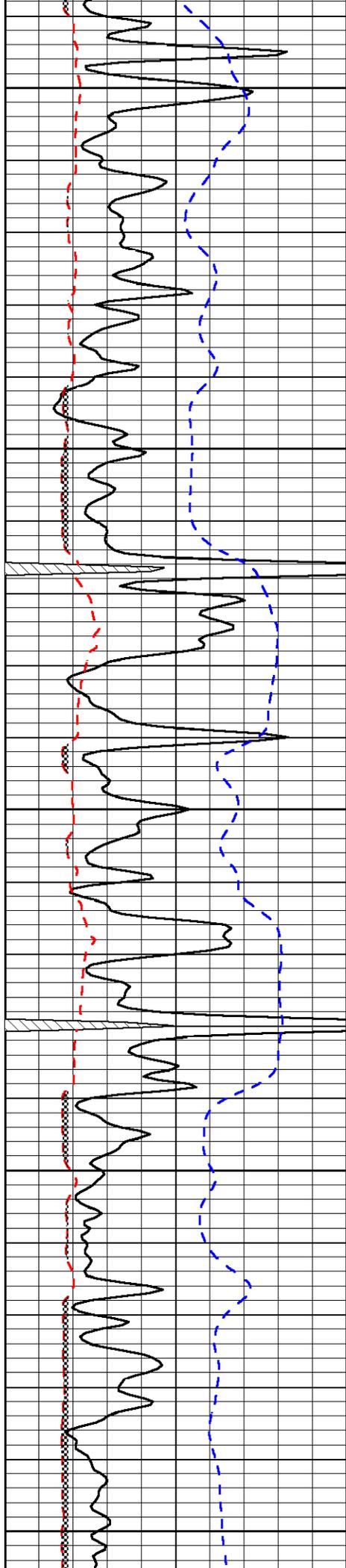
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 Dataset Pathname: dil/mrfnstck
 Presentation Format: micro
 Dataset Creation: Tue Nov 03 05:30:09 2009
 Charted by: Depth in Feet scaled 1:240

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)





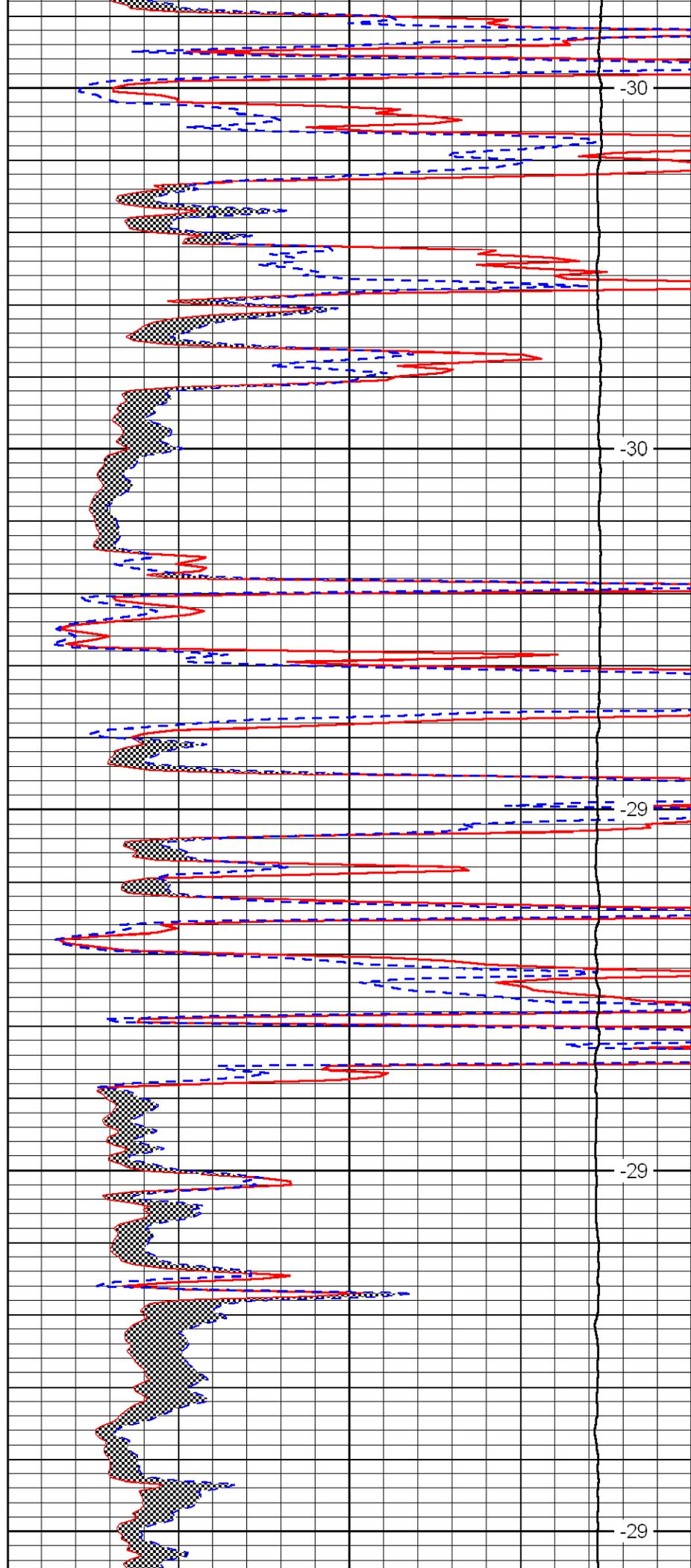
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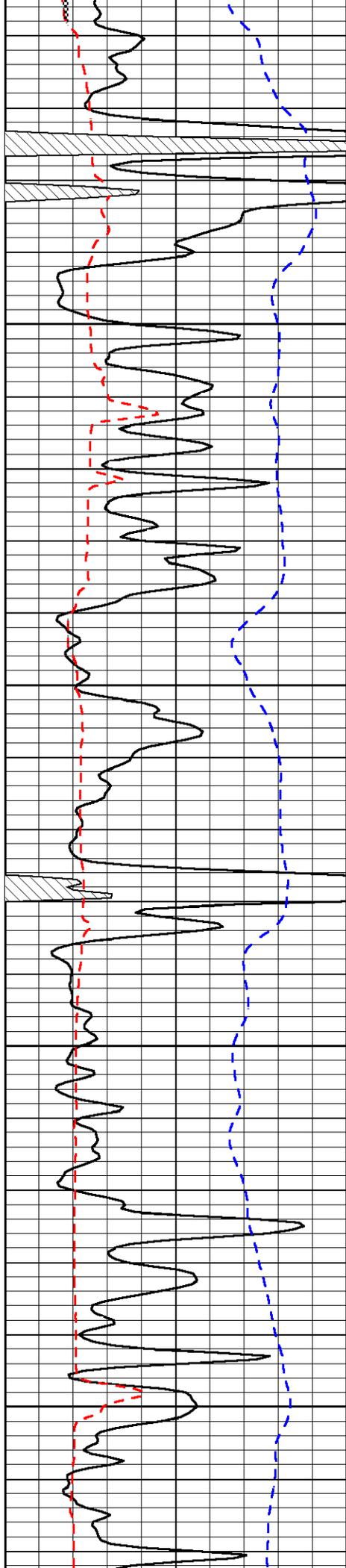
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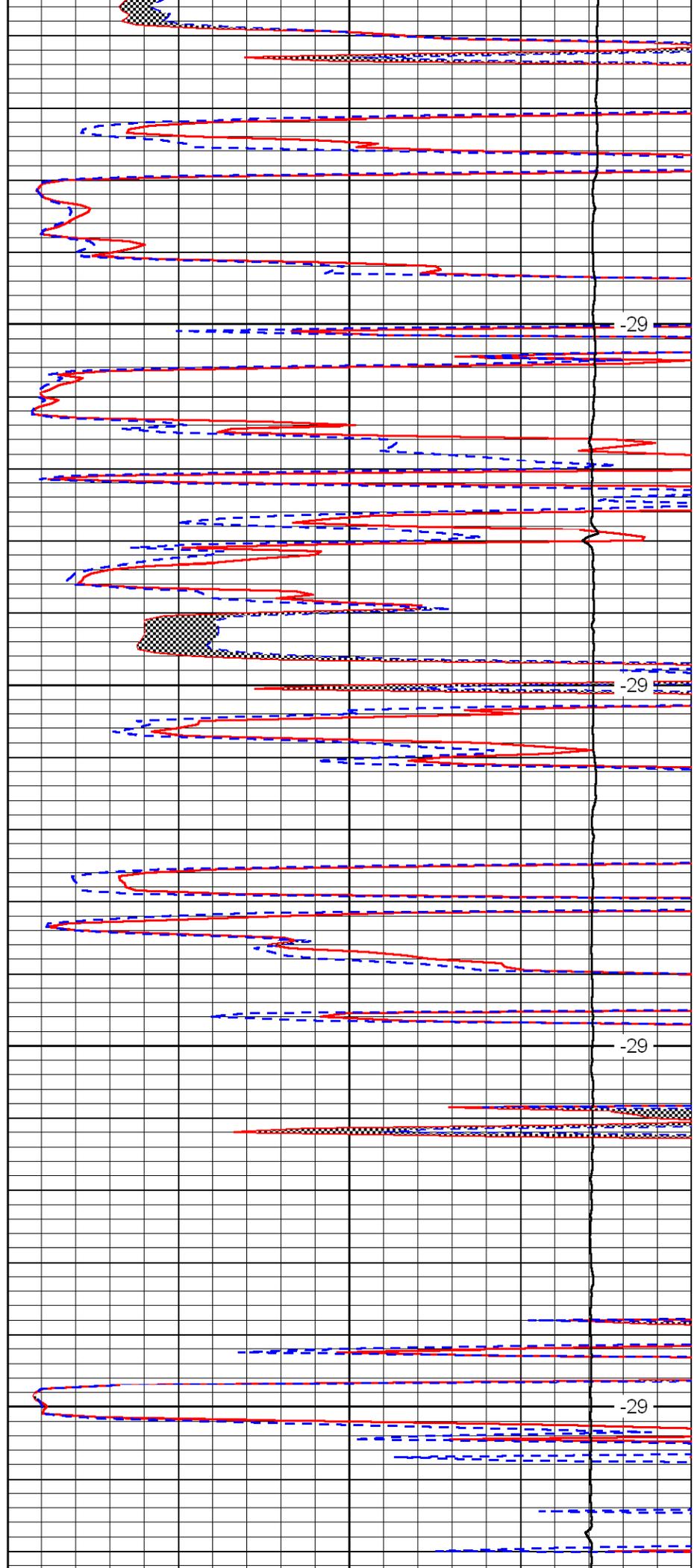


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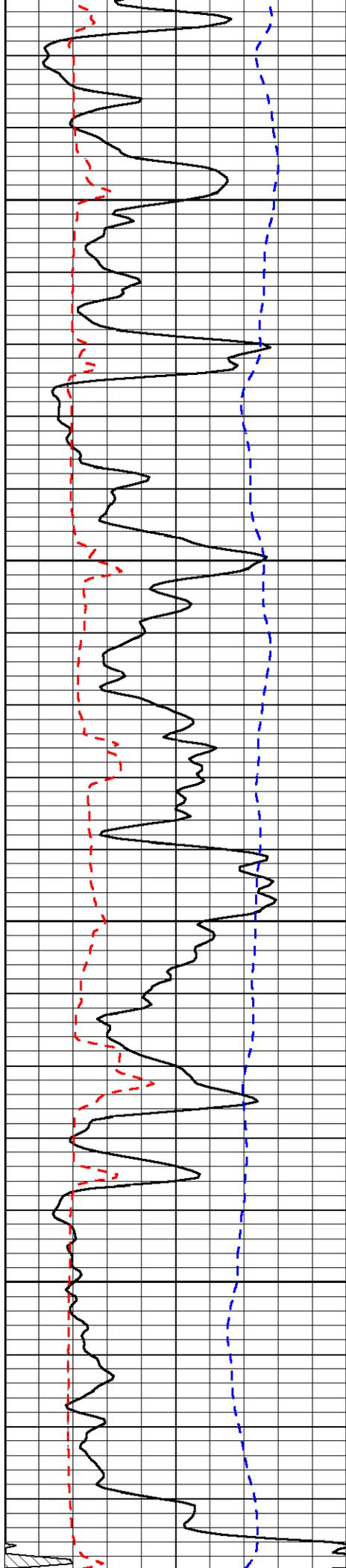


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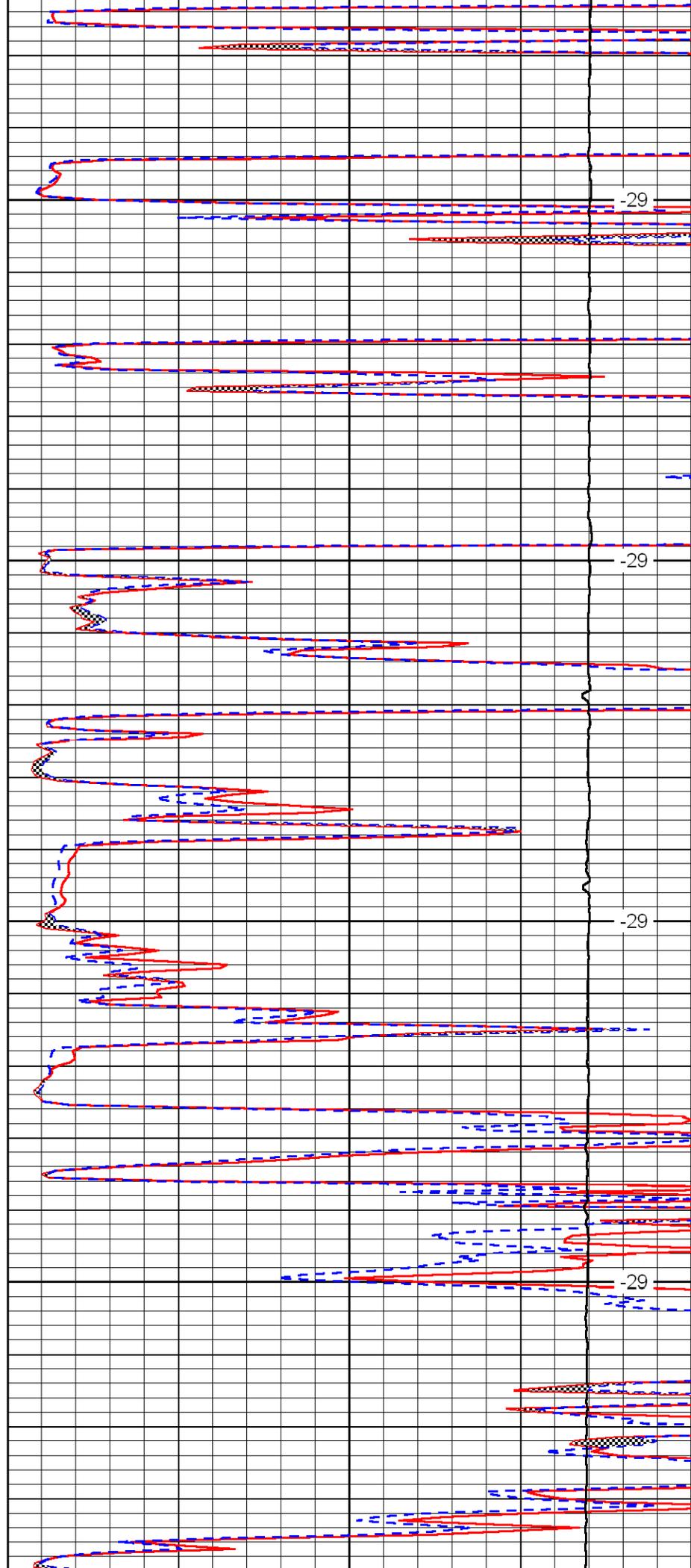


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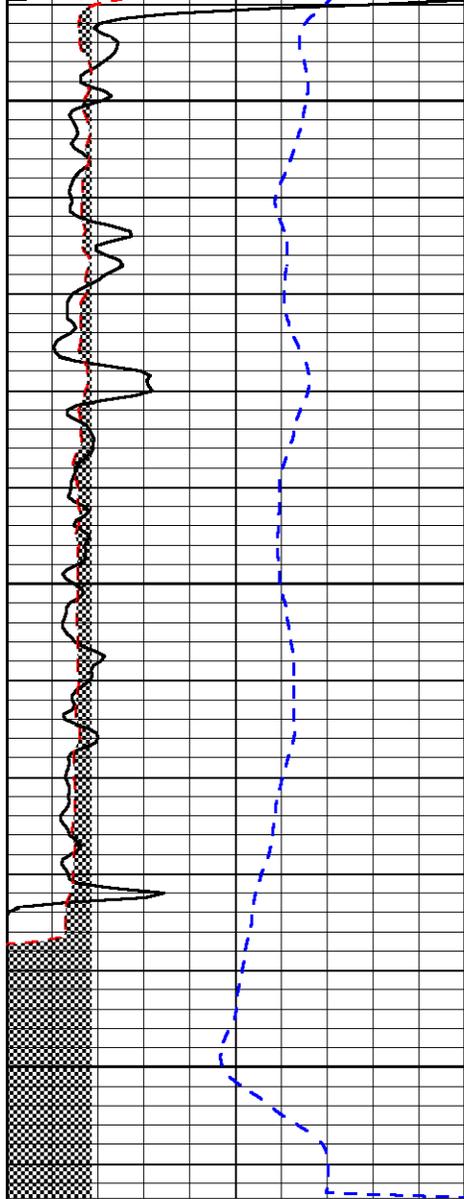


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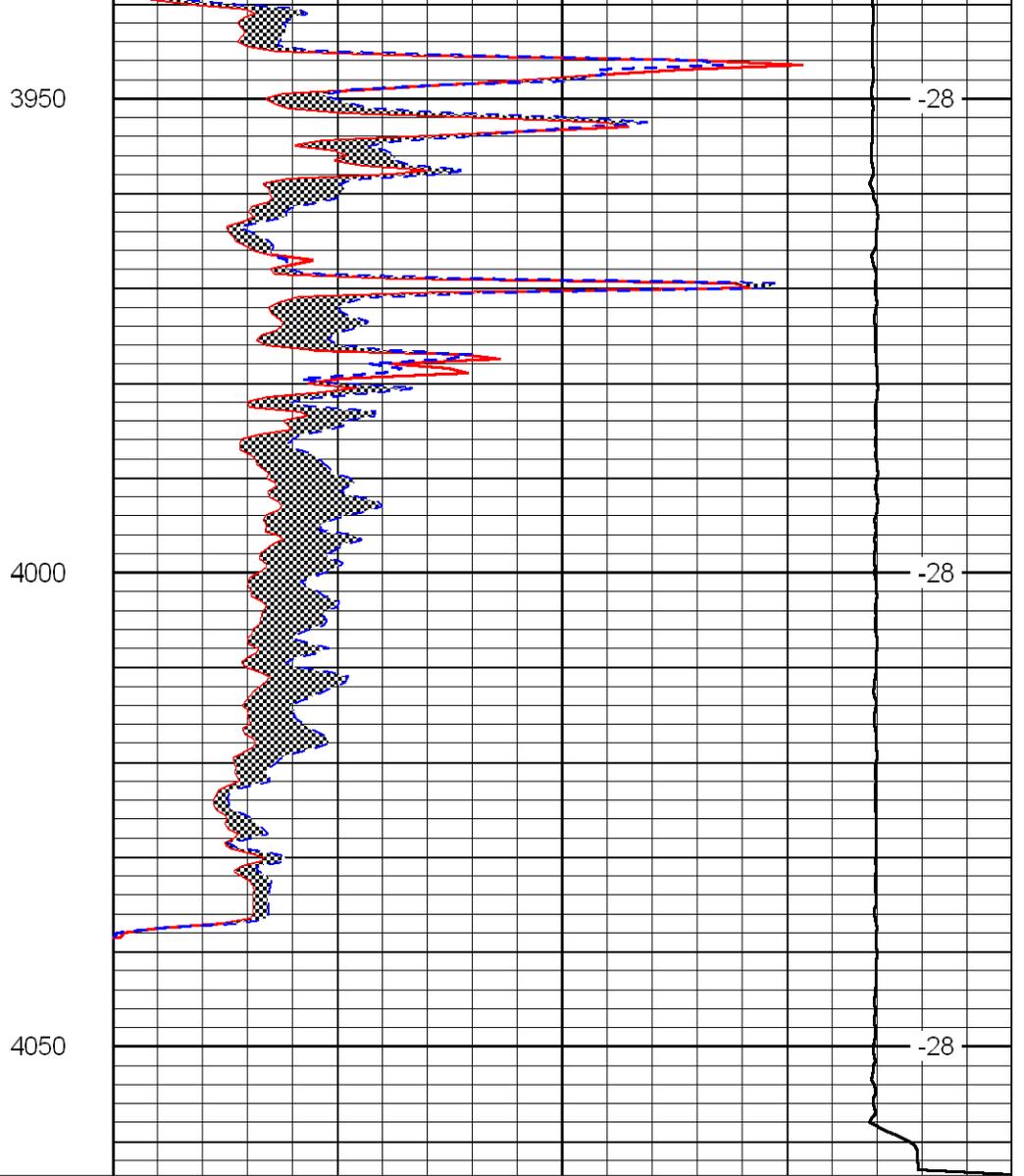
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