



Microresistivity Log

DIGITAL LOG (785) 625-3858

API No. 15-145-21,609-00-00		Company F. G. Holl Company L.L.C.	
Well Fleske / Hetzke Unit No. 1-1		Field Ryan East	
County Pawnee		State Kansas	
Location 2580' FSL & 1200' FEL		Other Services CNL/CDL DIL/BHCS	
Sec: 1 Twp: 20S Rge: 16W		Elevation K.B. 1996 D.F. 1988 G.L. 1988	
Permanent Datum Ground Level		Elevation 1988	
Log Measured From Kelly Bushing		8 Ft. Above Perm. Datum	
Drilling Measured From Kelly Bushing			
Date	08/18/2010		
Run Number	Two		
Depth Driller	3950		
Depth Logger	3950		
Bottom Logged Interval	3949		
Top Log Interval	1850		
Casing Driller	8.625 @ 997		
Casing Logger	994		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	11,000		
Density / Viscosity	8.9 49		
pH / Fluid Loss	10.0 12.4		
Source of Sample	Flowline		
Rm @ Meas. Temp	.35 @ 85		
Rmf @ Meas. Temp	.26 @ 85		
Rmc @ Meas. Temp	.47 @ 85		
Source of Rmf / Rmc	Charts		
Rm @ BHT	.25 @ 118		
Operating Rig Time	5 Hours		
Max Rec. Temp. F	118		
Equipment Number	17		
Location	Hays		
Recorded By	Jason Wellbrock		
Witnessed By	Rene Husted		

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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

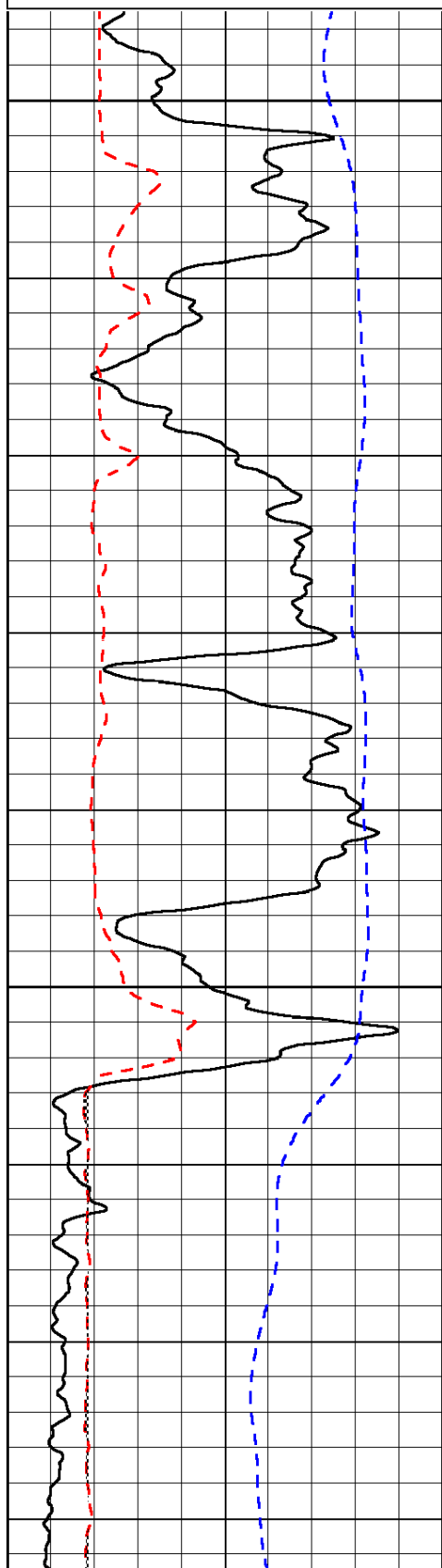
Great Bend W on 10th rd to the end of the blacktop, 1 1/2 S, W Into

Database File: c:\warrior\data\fg holl_fleske hetzke unit no. 1-1\fghollhd.db
Dataset Pathname: dil/highres
Presentation Format: micro
Dataset Creation: Wed Aug 18 20:05:50 2010
Charted by: Depth in Feet scaled 1:120

0	Gamma Ray	150
6	Micro Log Caliper (GAPI)	16
-200	SP (mV)	0

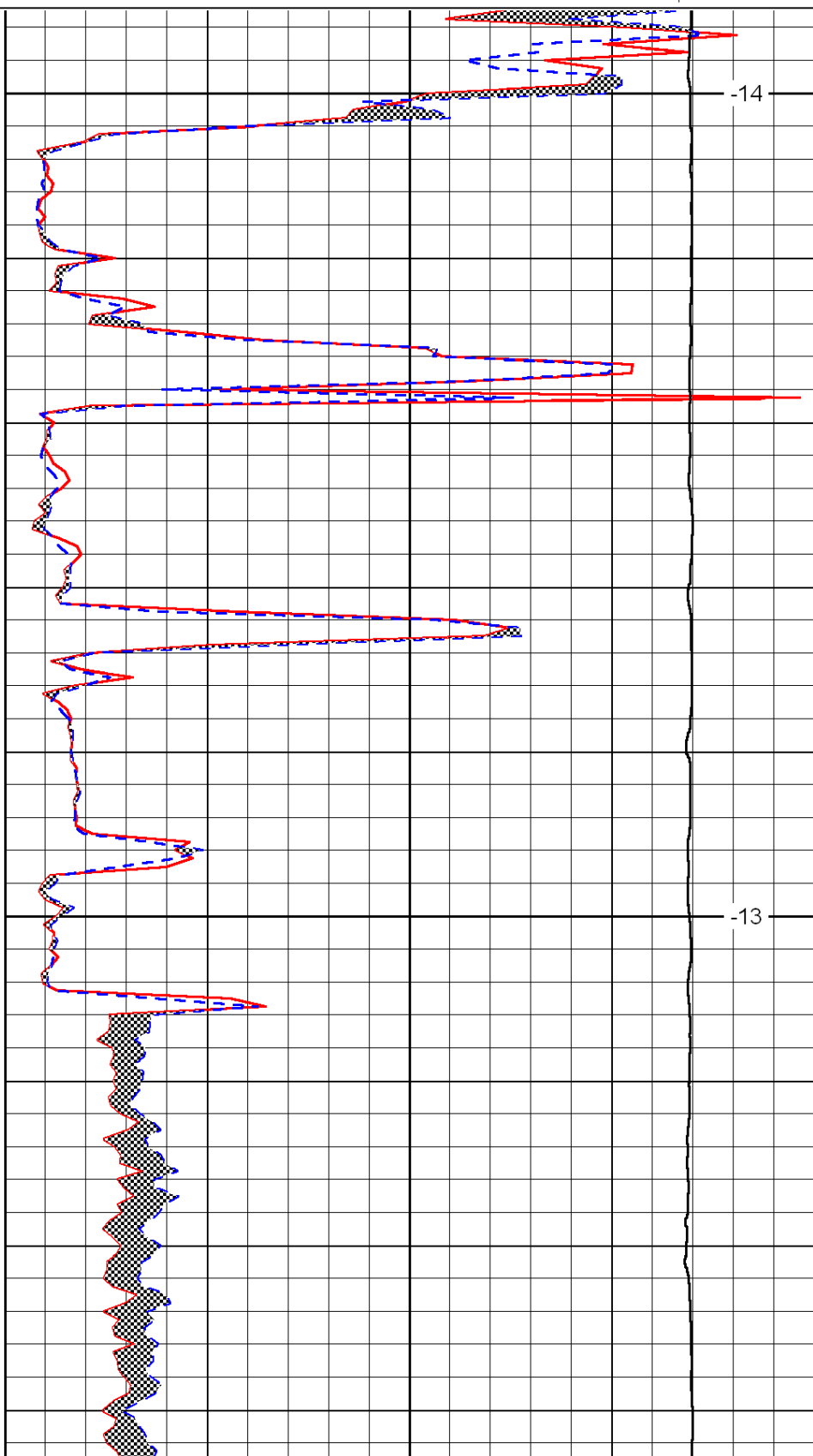
0	Micro Inverse 1 X 1	40
0	Micro Normal 2"	40
15000	Line Weight	0

LSPD



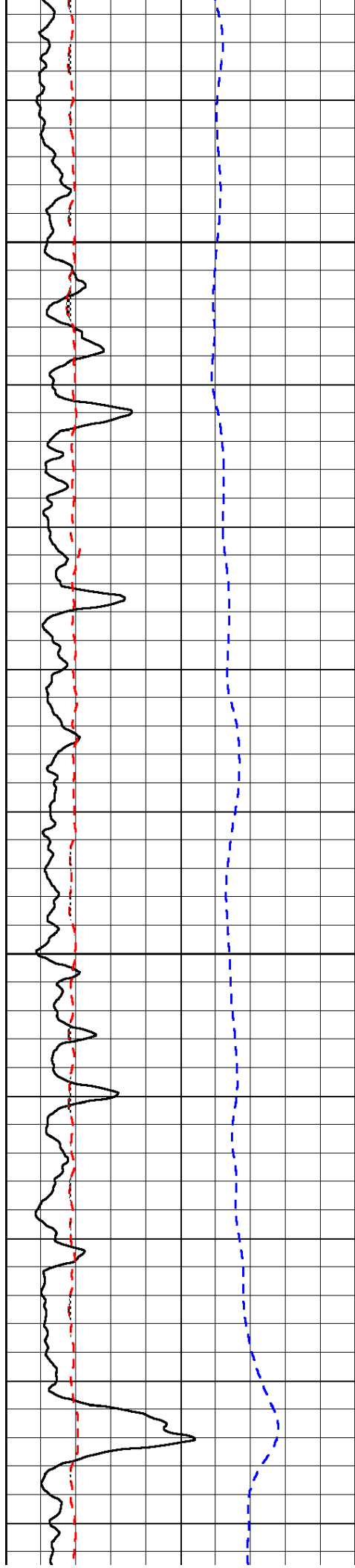
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3650



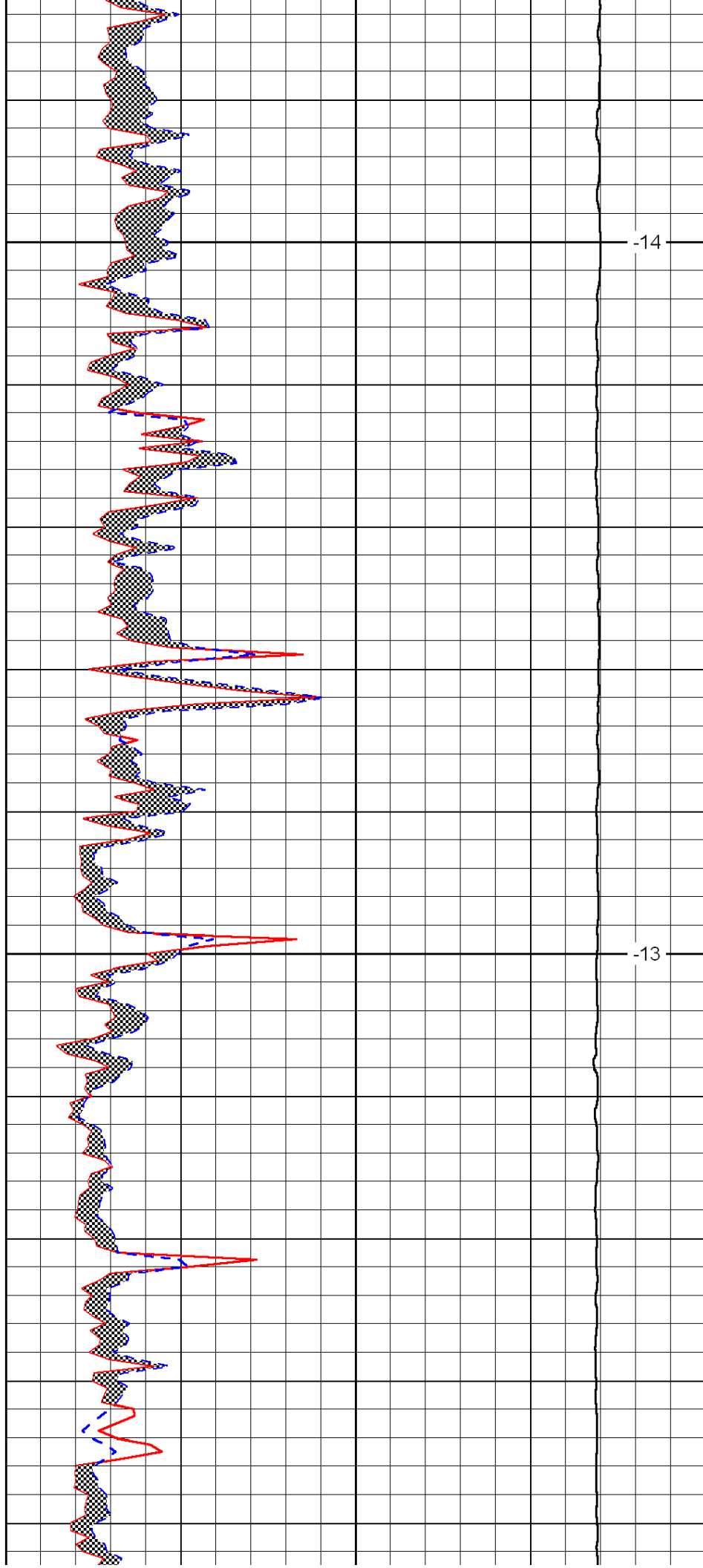
-14

-13



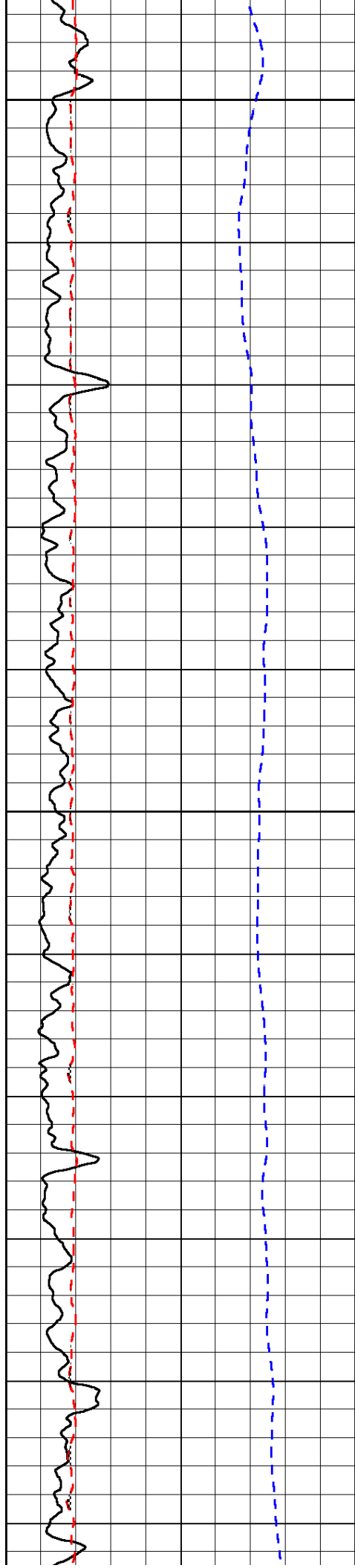
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3750



-14

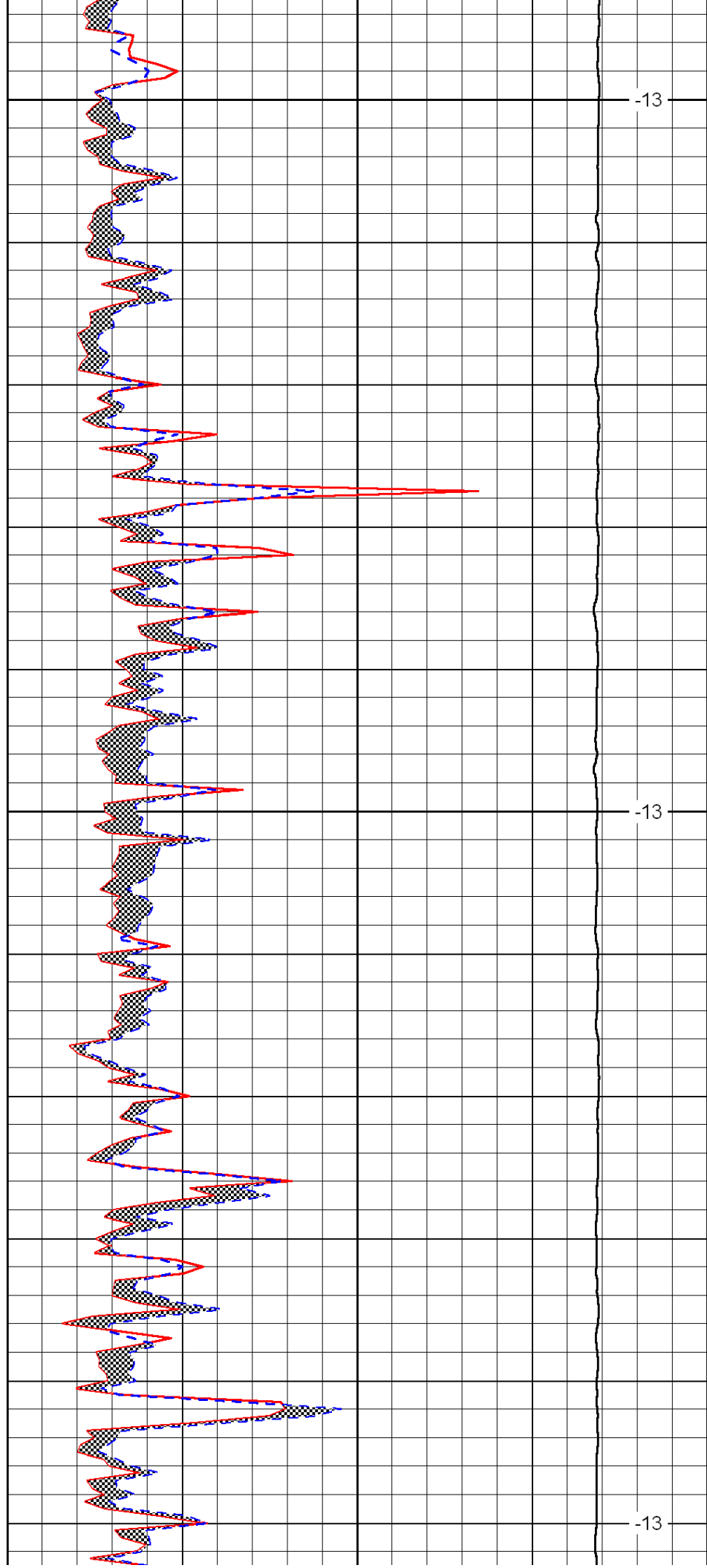
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3800

3850

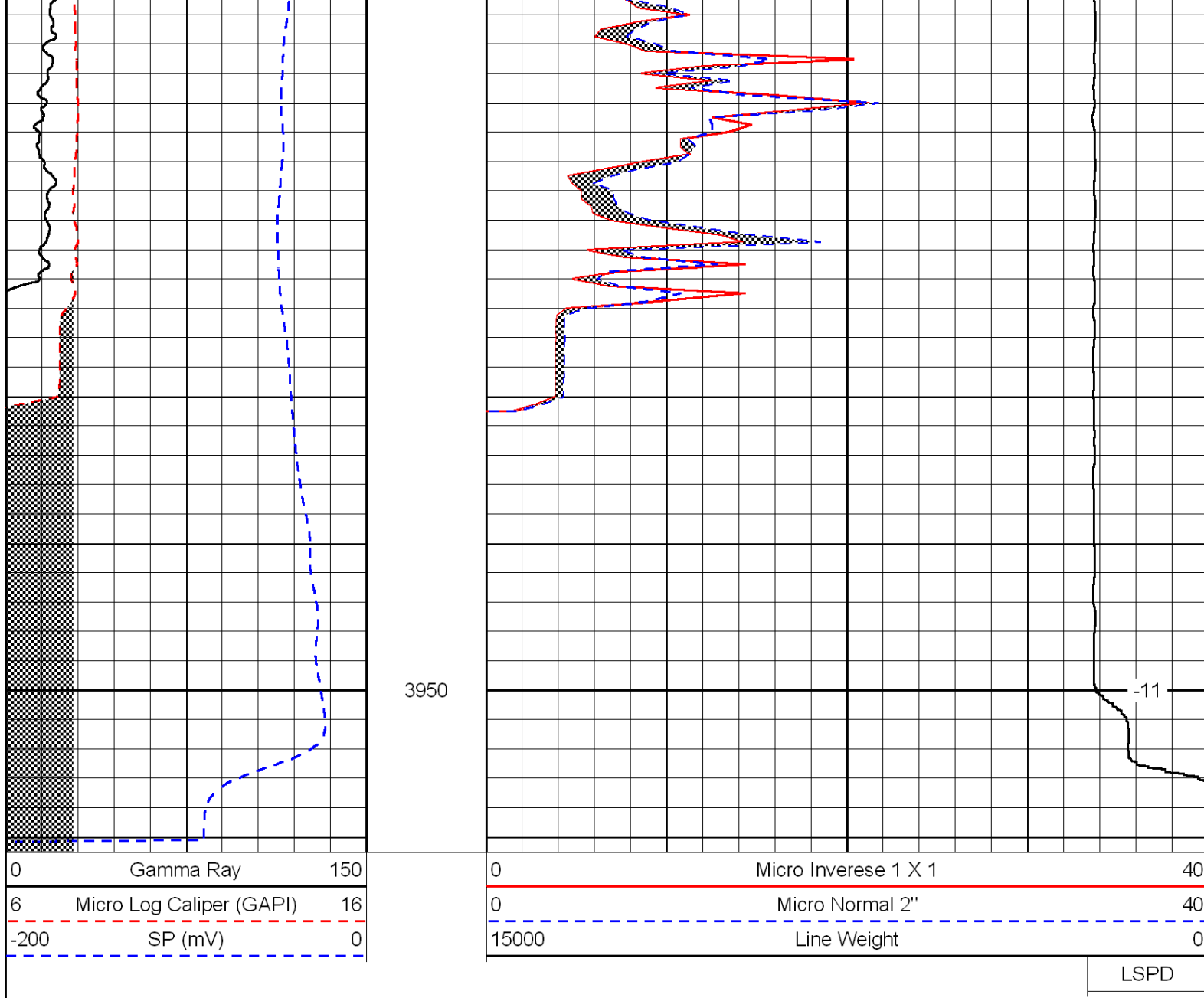
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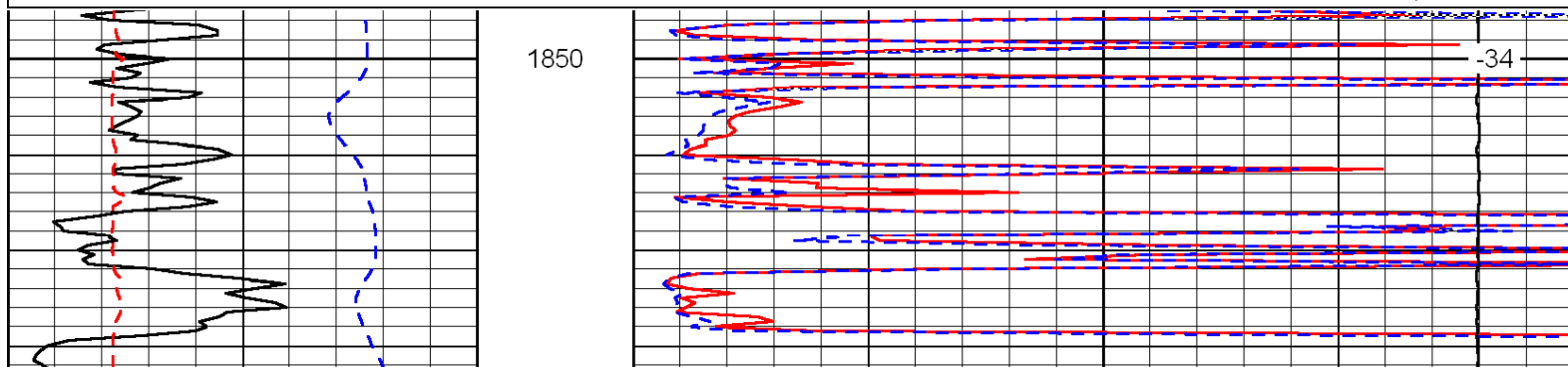
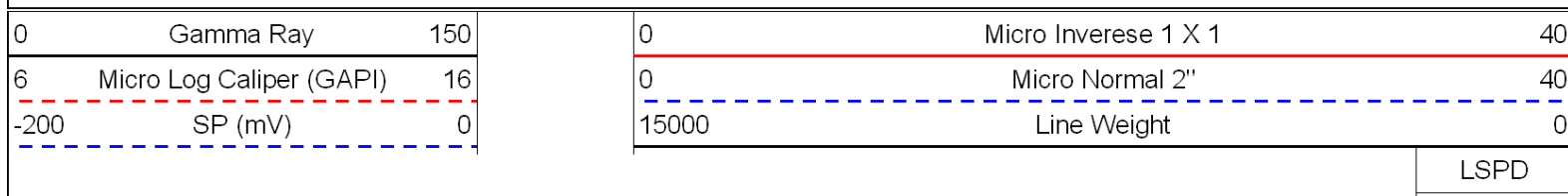
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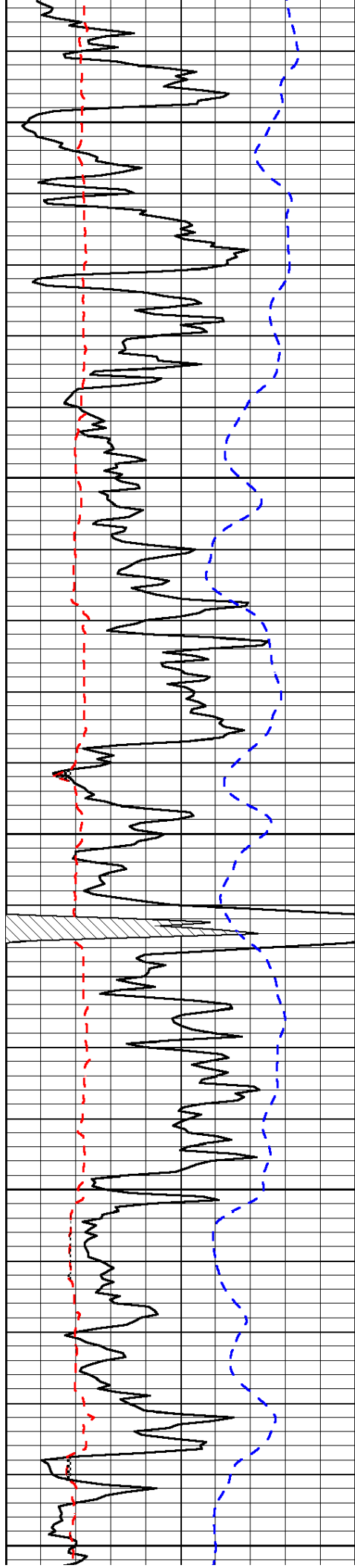
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Database File: c:\warrior\data\fg holl_fleske hetzke unit no. 1-1\fghollhd.db
Dataset Pathname: dil/fg2in
Presentation Format: micro
Dataset Creation: Wed Aug 18 21:18:43 2010
Charted by: Depth in Feet scaled 1:240





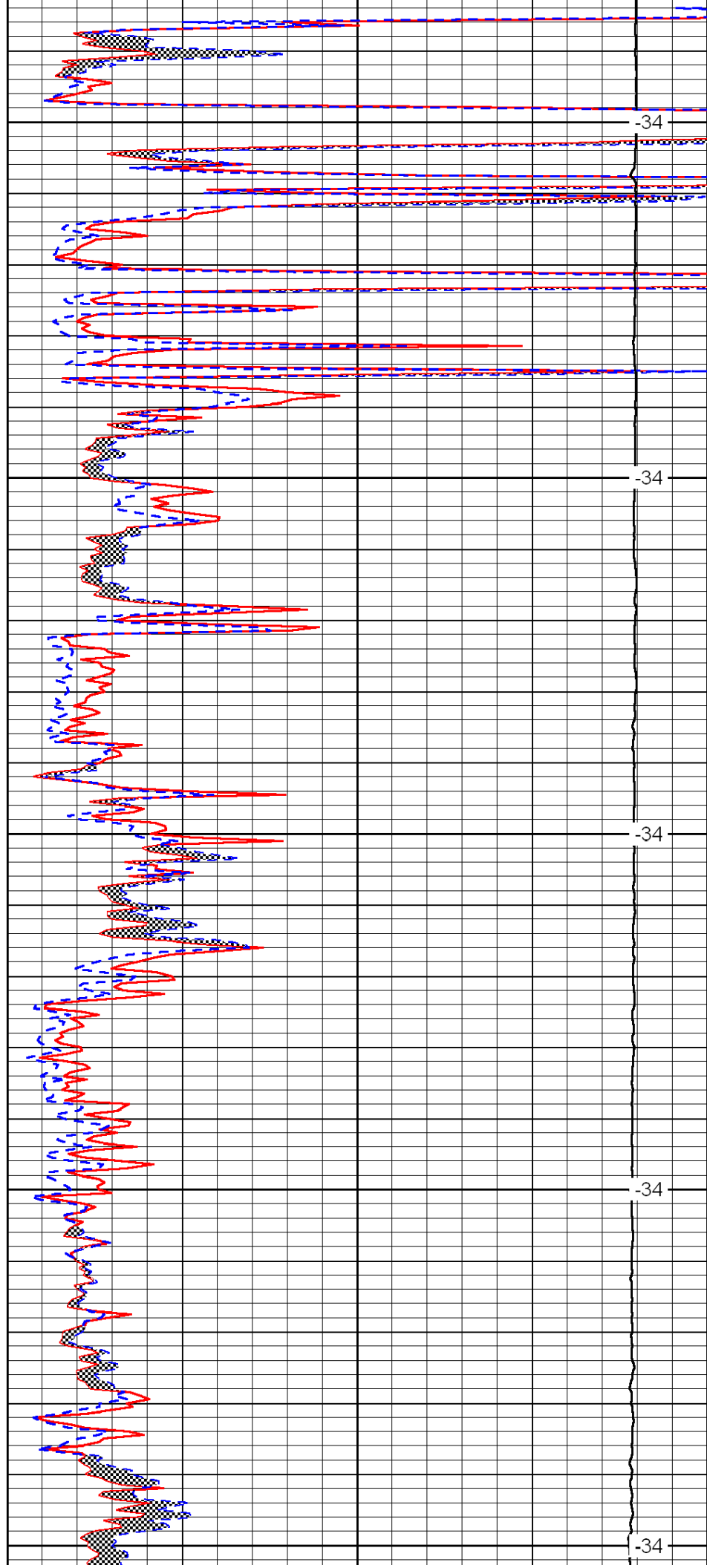
1900

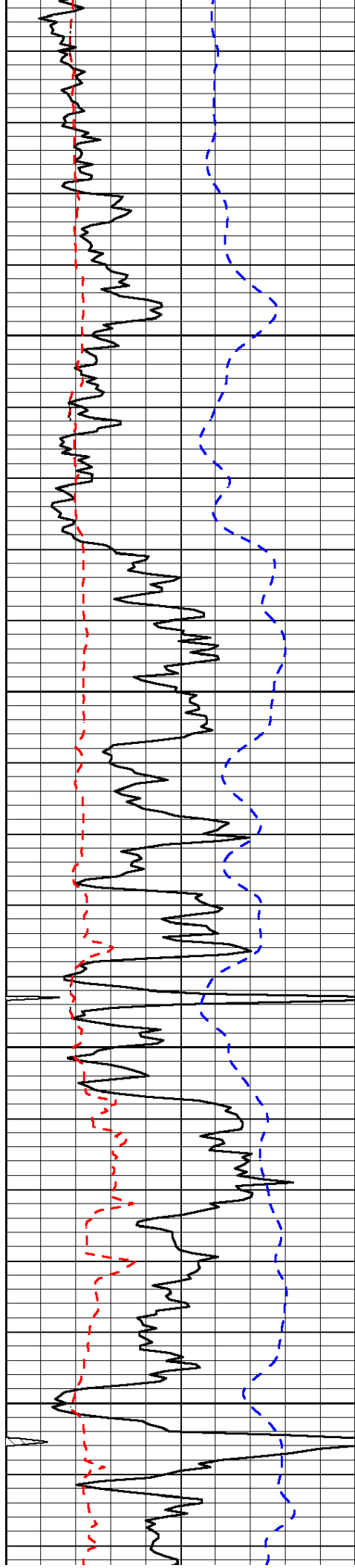
1950

2000

2050

2100



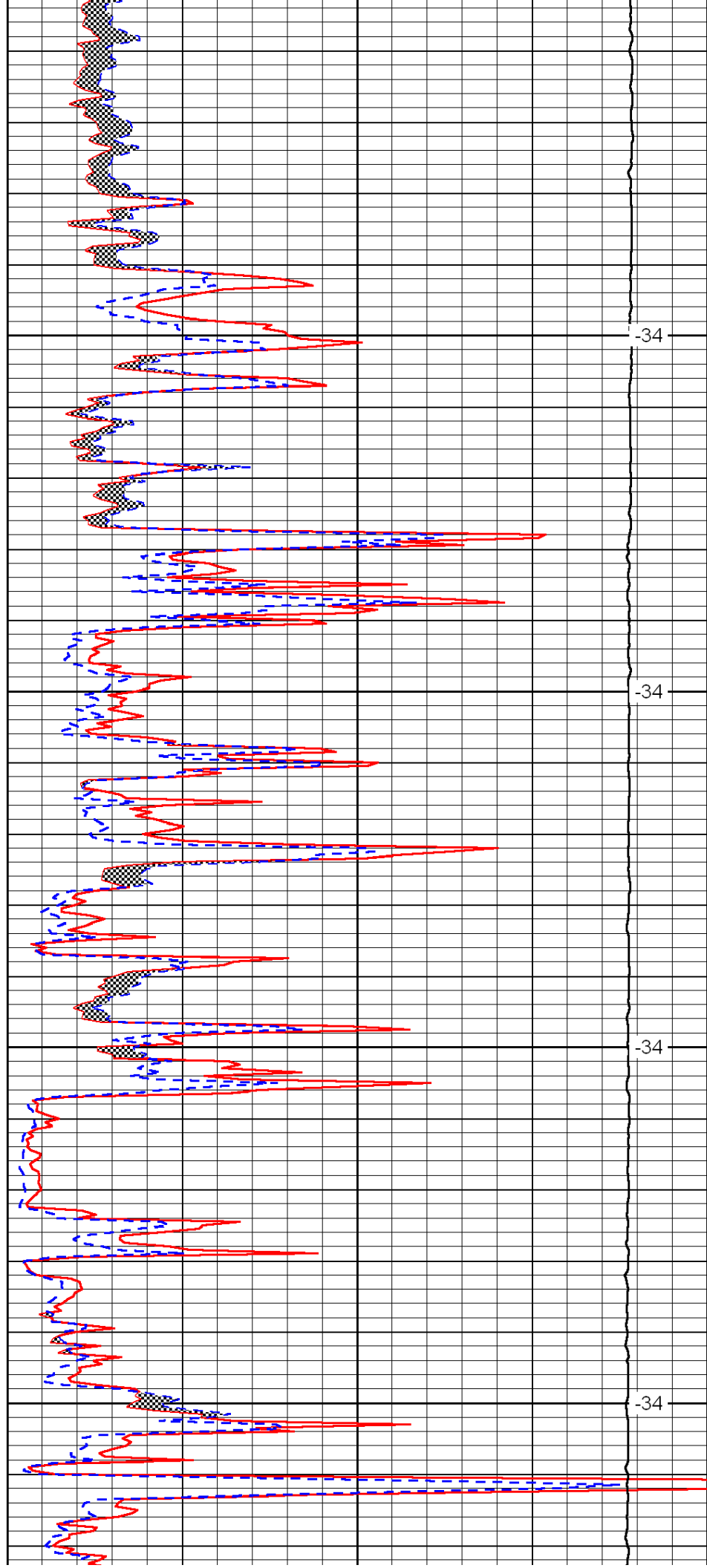


2150

2200

2250

2300

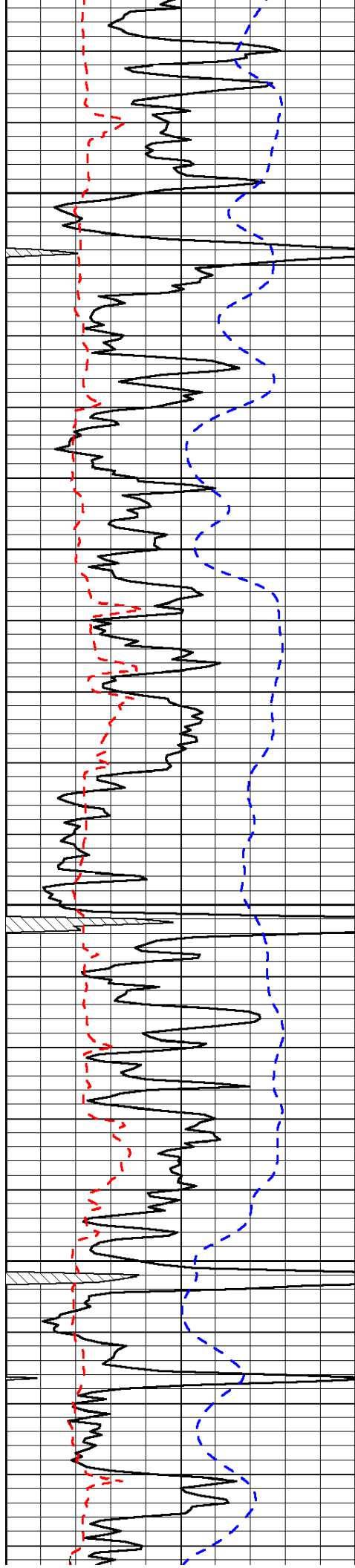


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-34

-34

-34

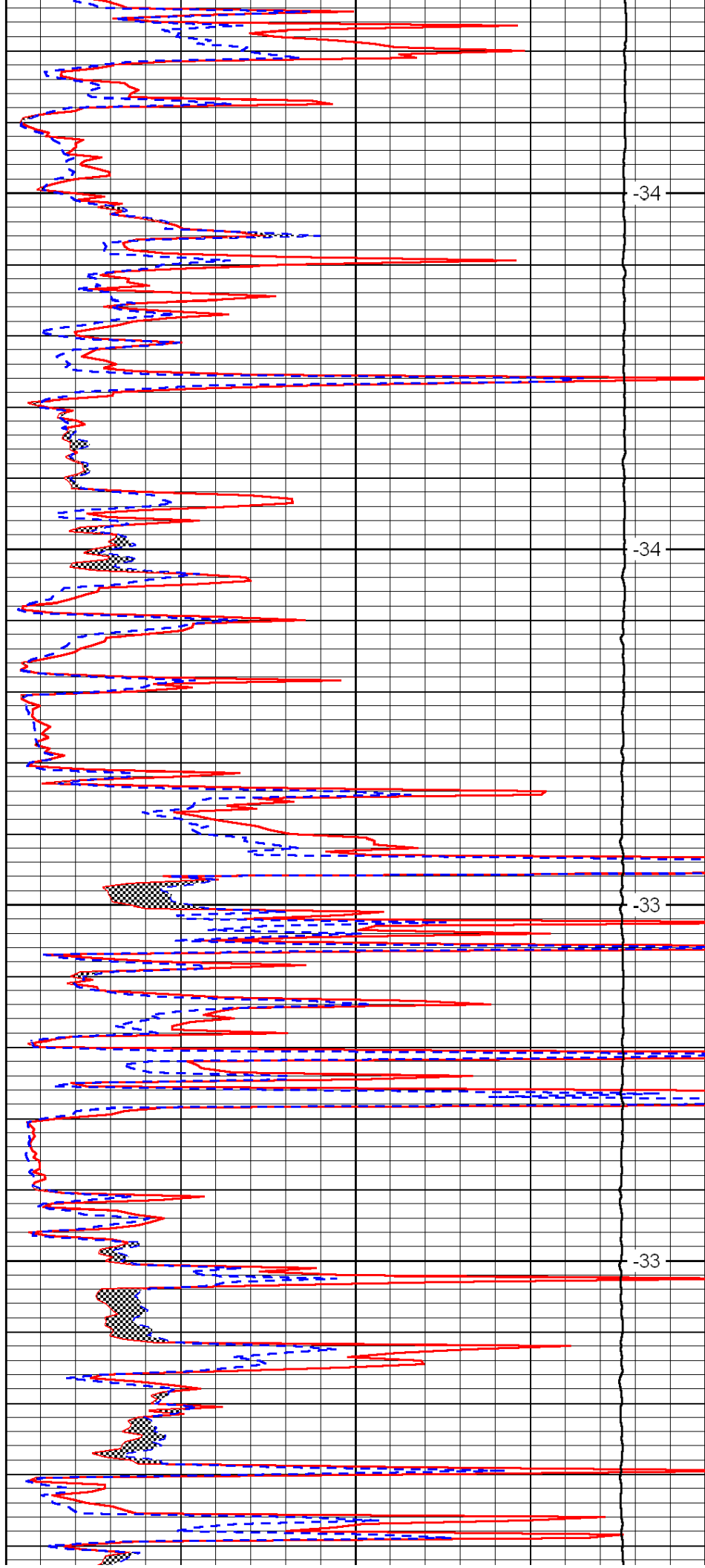


2350

2400

2450

2500

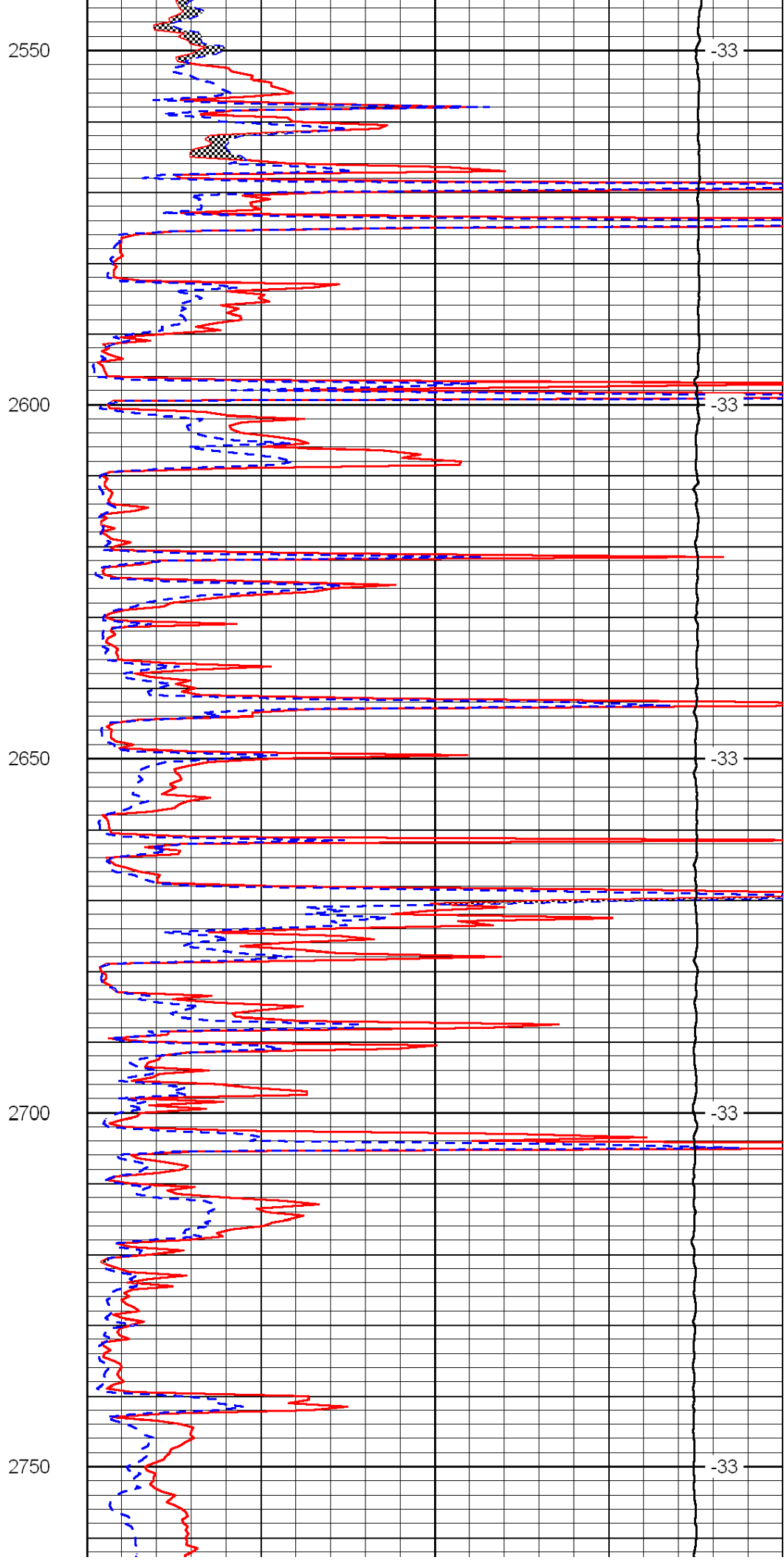
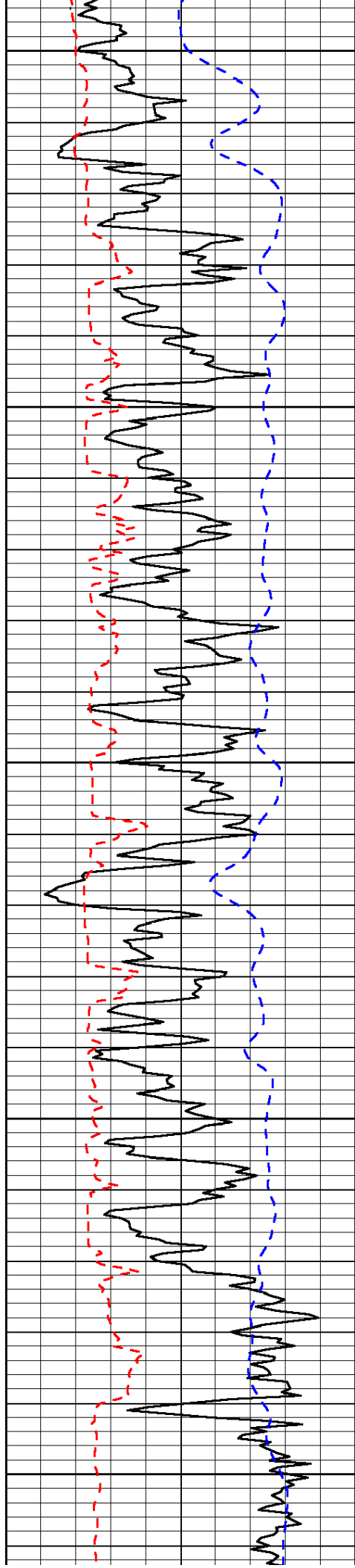


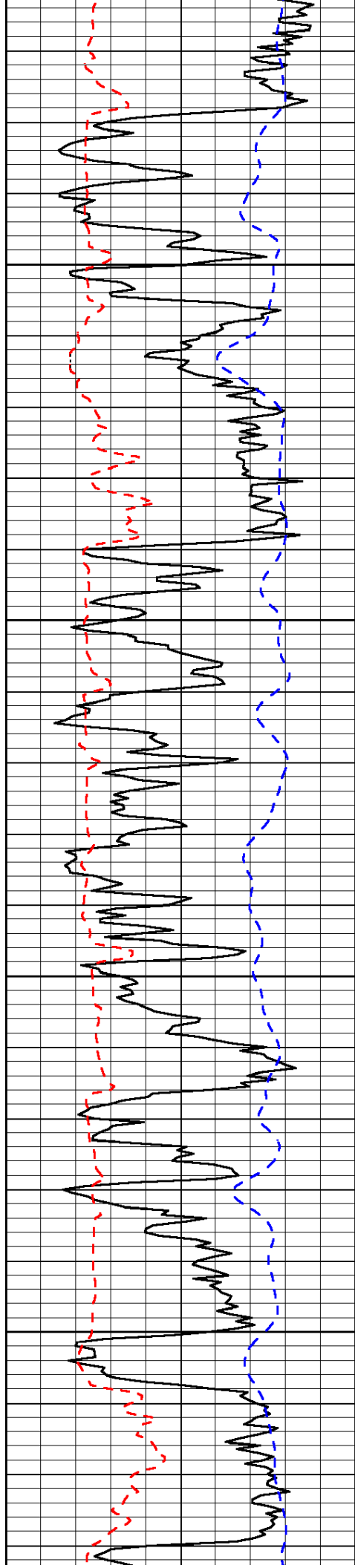
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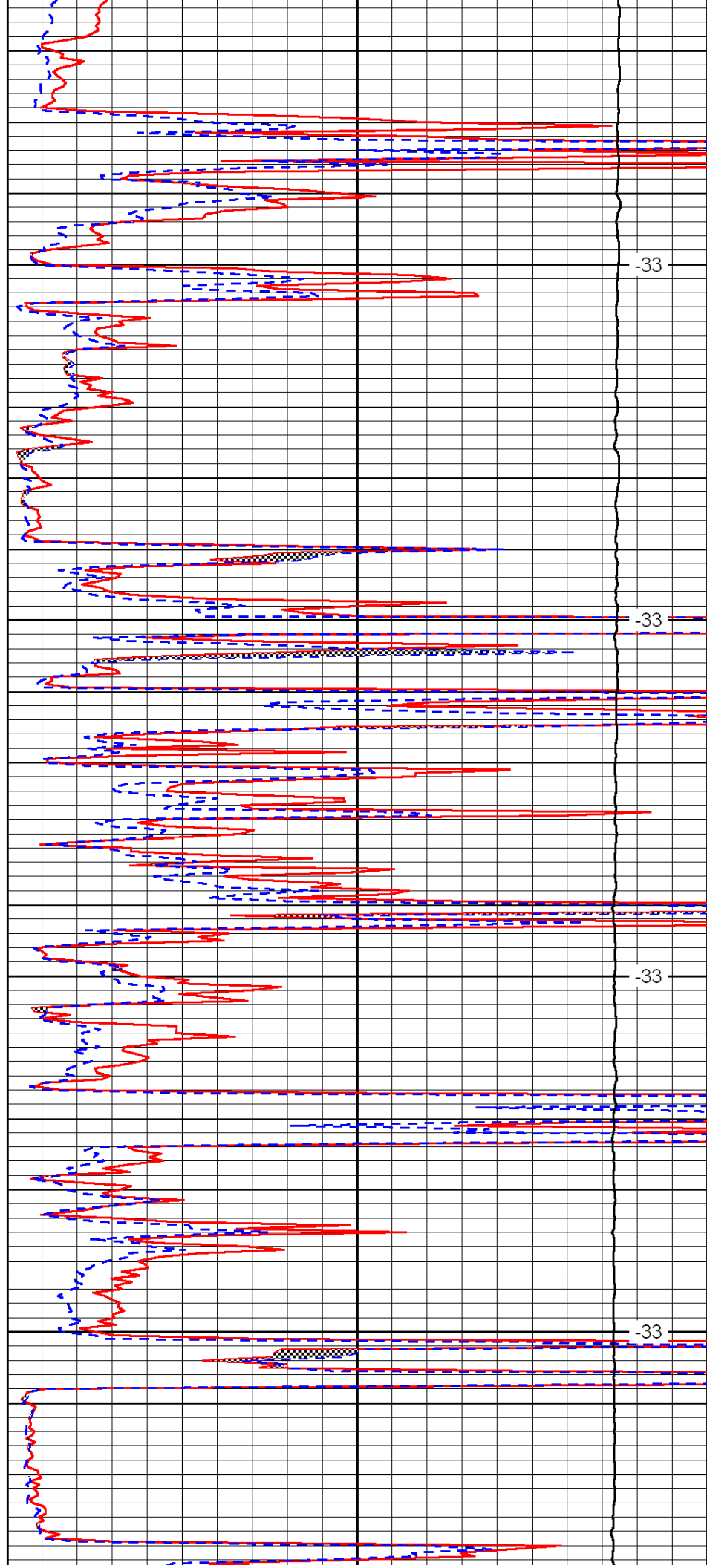


2800

2850

2900

2950

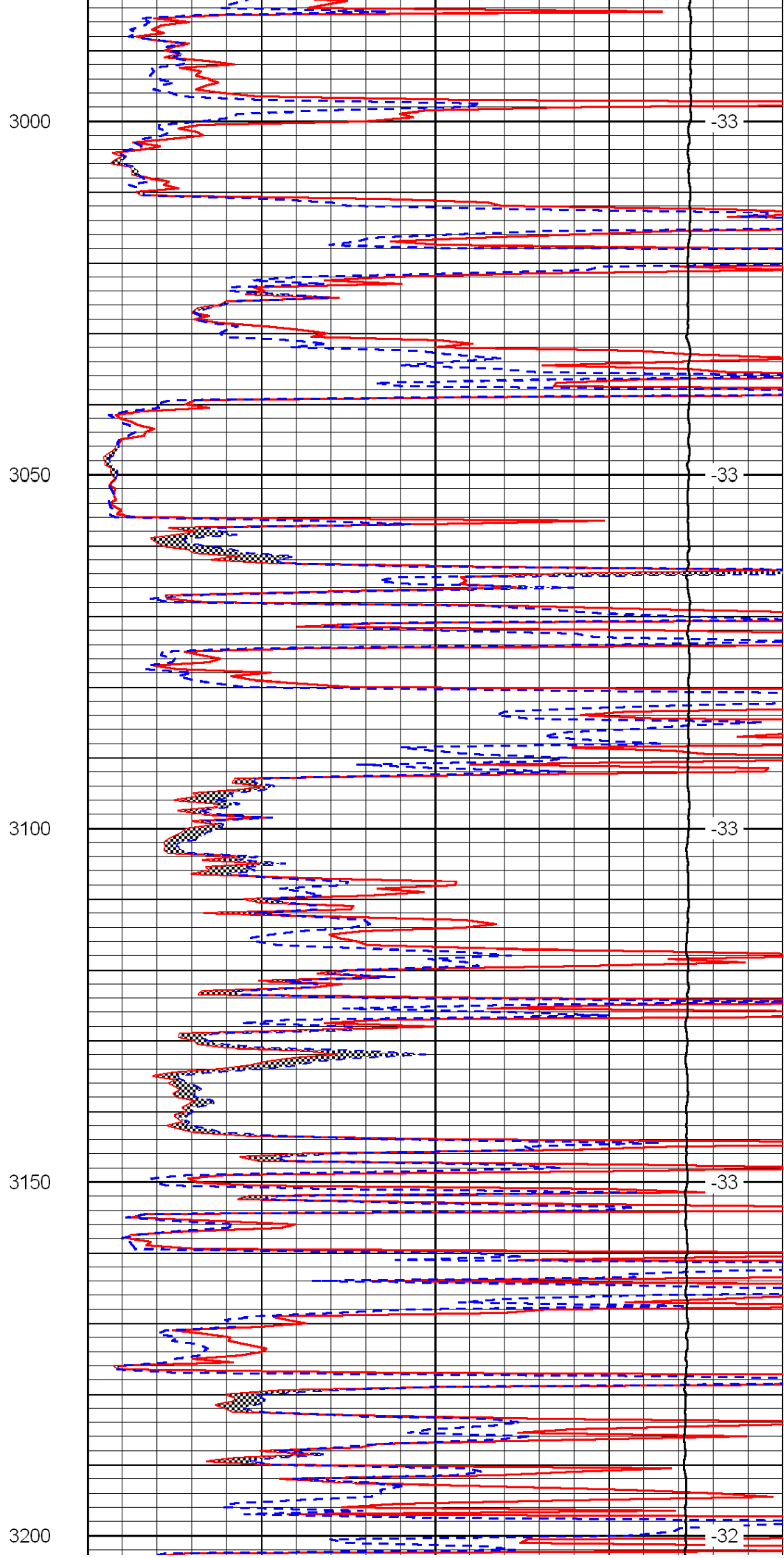
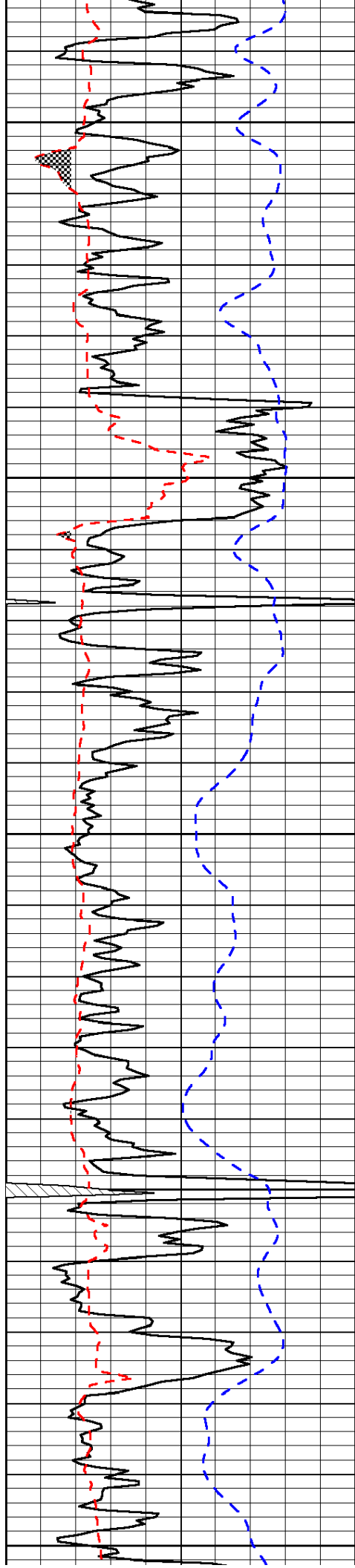


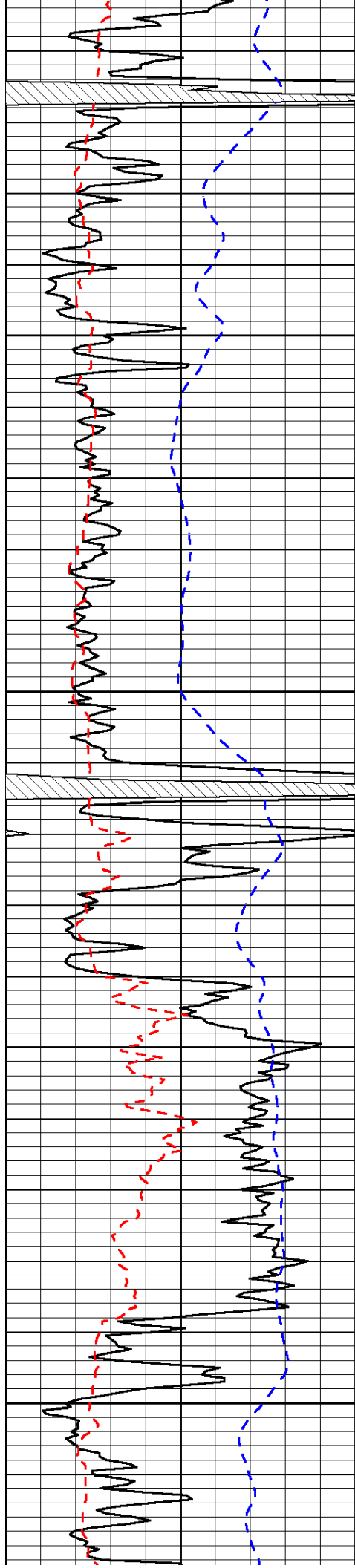
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-33

-33

-33



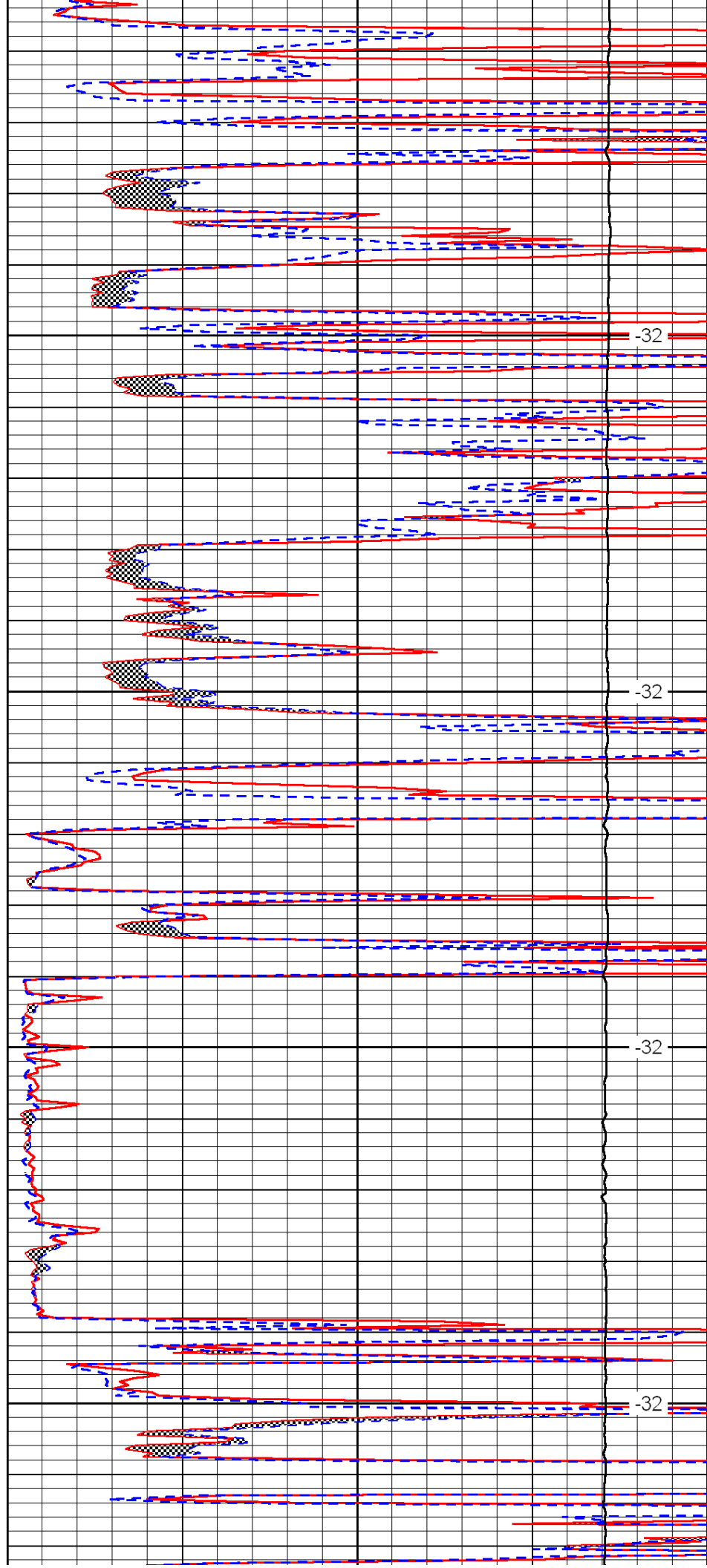


3250

3300

3350

3400

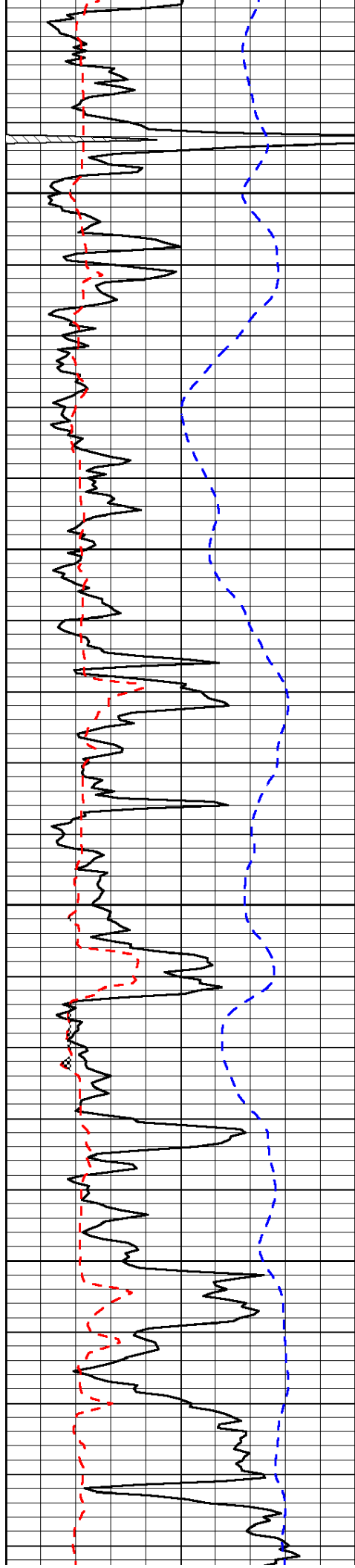


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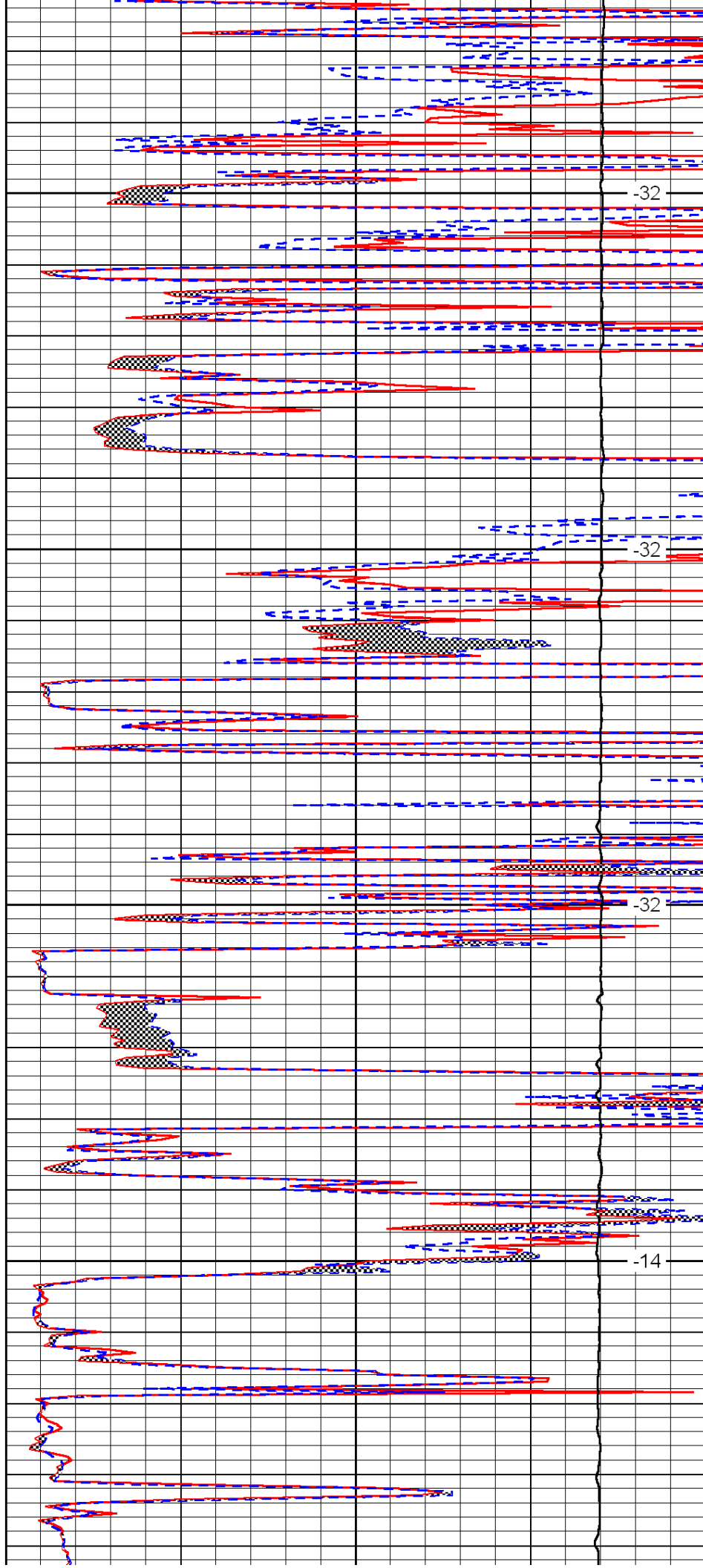


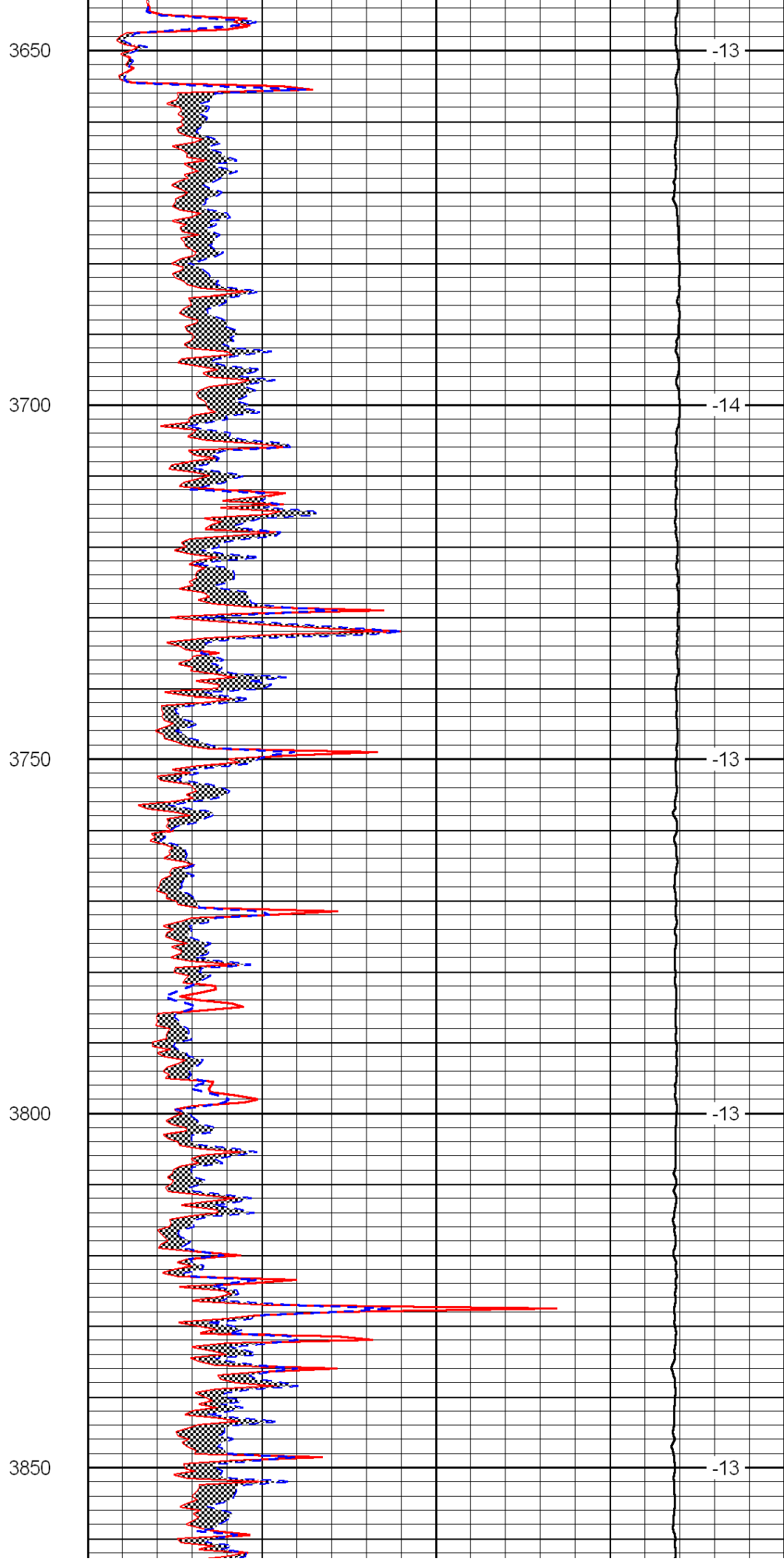
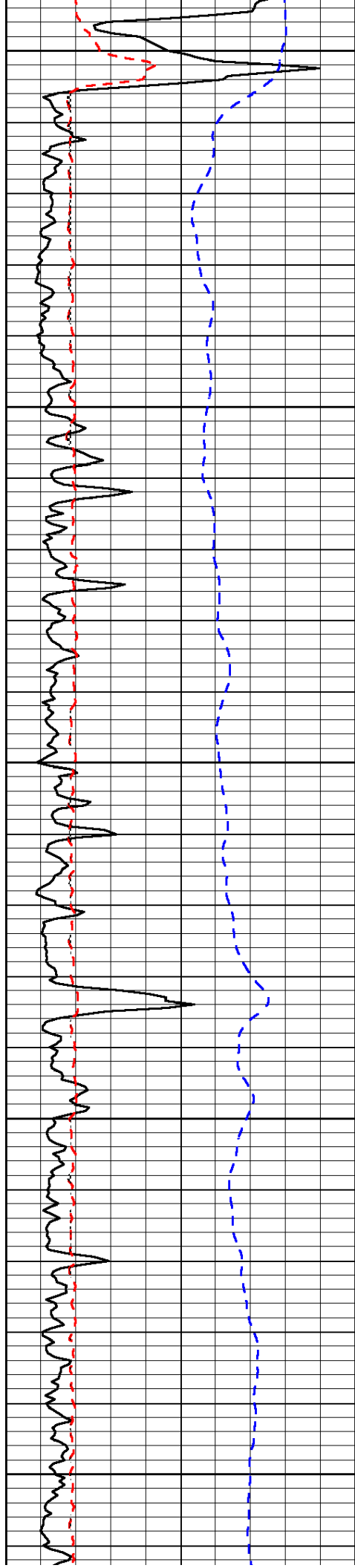
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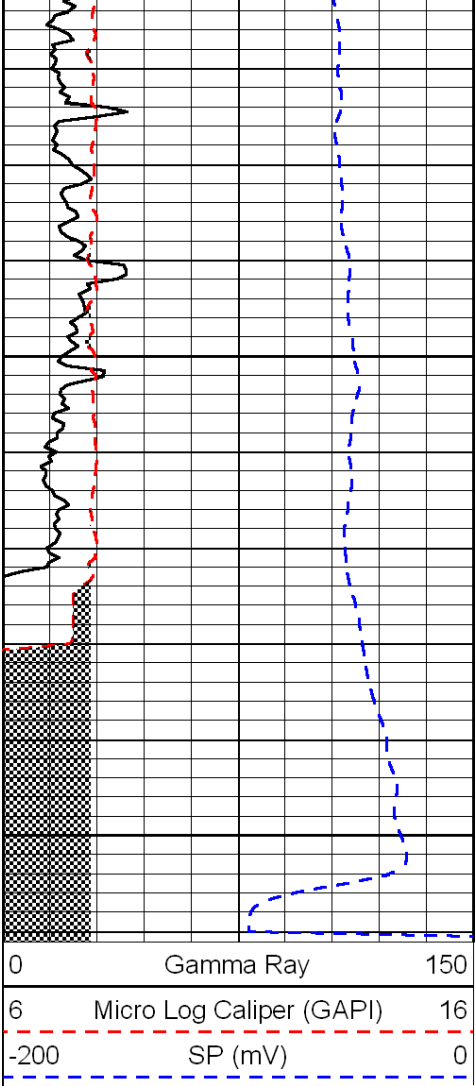
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3550

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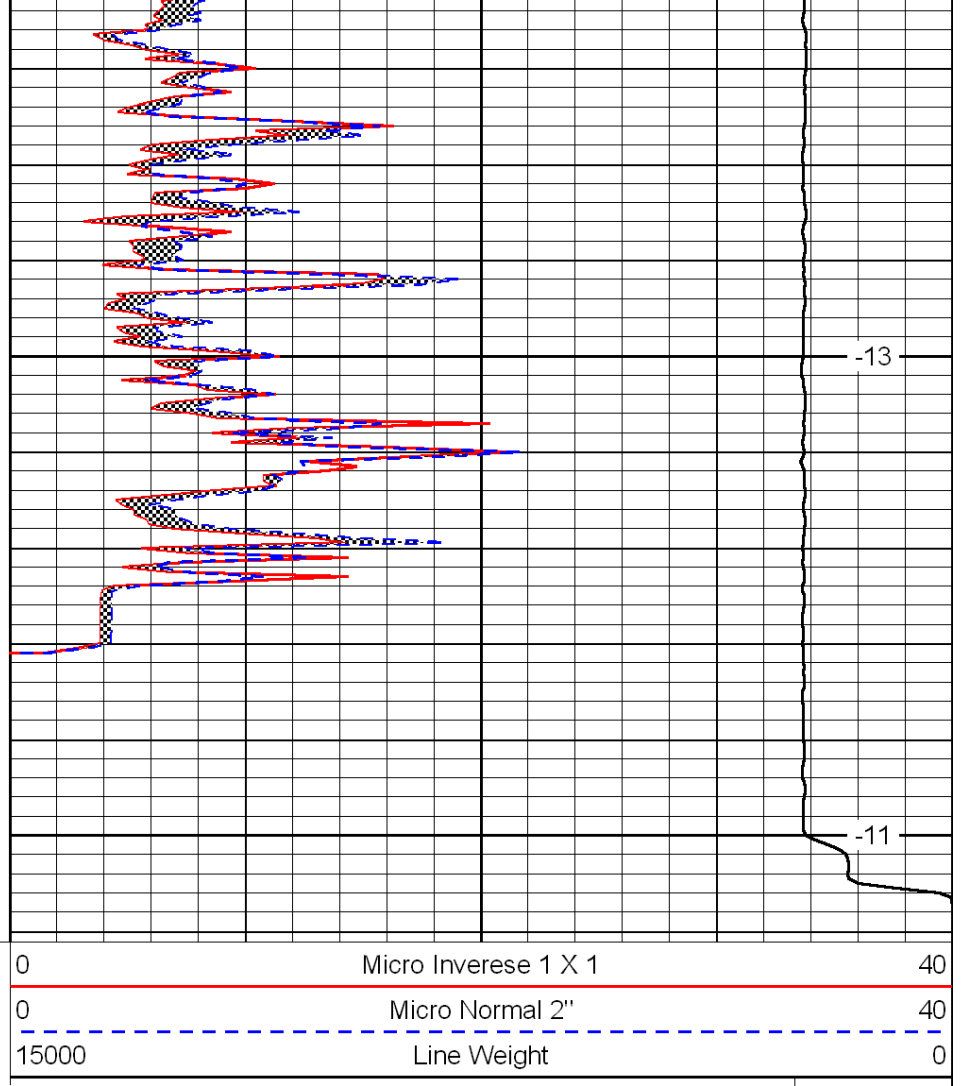






3900

3950



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LSPD