



Microresistivity Log

DIGITAL LOG (785) 625-3858

API No.	Company Bruce Oil Company, L.L.C.			
	Well Spears No. 2			
	Field Kill Creek			
	County	Osborne	State	Kansas
15-141-20,418-00-00	Location	330' FSL & 2310' FEL		
	Sec: 15	Twp: 8S	Rge: 14W	Other Services CNL/CDL DIL
	Permanent Datum	Ground Level	Elevation 1904	Elevation
	Log Measured From	Kelly Bushing	5 Ft. Above Perm. Datum	K.B. 1909 D.F. 1904 G.L. 1904
Drilling Measured From Kelly Bushing				
Date	12/09/10			
Run Number	Two			
Depth Driller	3190			
Depth Logger	3191			
Bottom Logged Interval	3190			
Top Log Interval	1700			
Casing Driller	8.625 @ 780			
Casing Logger	780			
Bit Size	7.875			
Type Fluid in Hole	Chemical			
Salinity, ppm CL	1500			
Density / Viscosity	8.8 58			
pH / Fluid Loss	9.5 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	.68 @ 110			
Operating Rig Time	3 Hours			
Max Rec. Temp. F	110			
Equipment Number	17			
Location	Hays			
Recorded By	Mike Garrison			
Witnessed By	Bob Peterson			

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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.

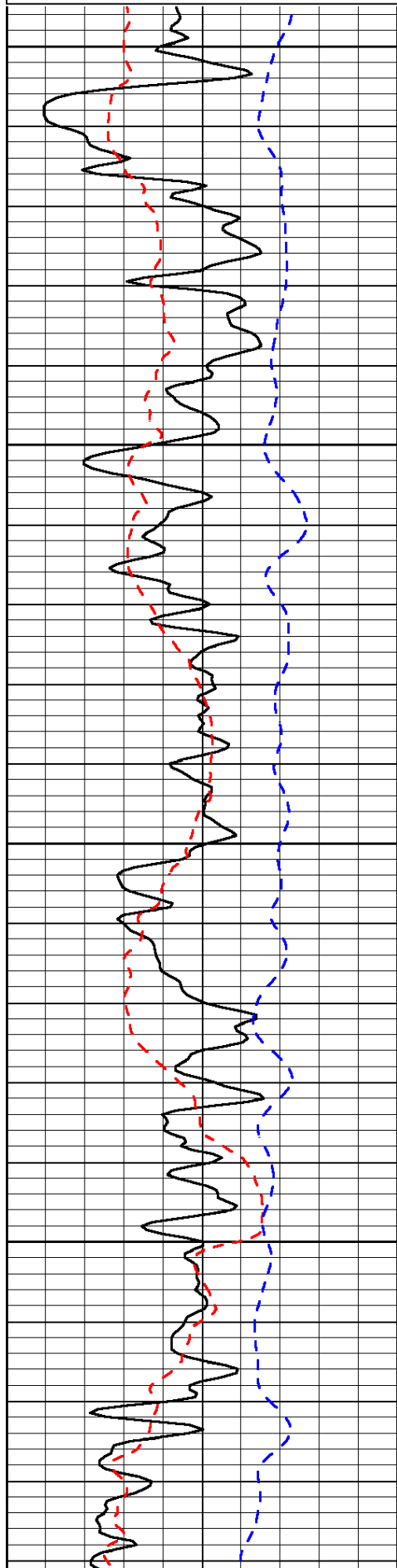
Comments

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

Natoma, North on 290th to Stop Sign, East to 250th, North to T Intersection, East to 200th,
North to Dead End, Through Gate, North Into

Database File: c:\warrior\data\bruce oil_spears no. 2\bruce_spears-2hd.db
Dataset Pathname: dil\brucestock
Presentation Format: micro
Dataset Creation: Thu Dec 09 07:05:01 2010
Charted by: Depth in Feet scaled 1:240

Charted by: Depth in Feet scaled 1:2.15		
0	Gamma Ray	150
6	Micro Log Caliper (GAPI)	16
-200	SP (mV)	0



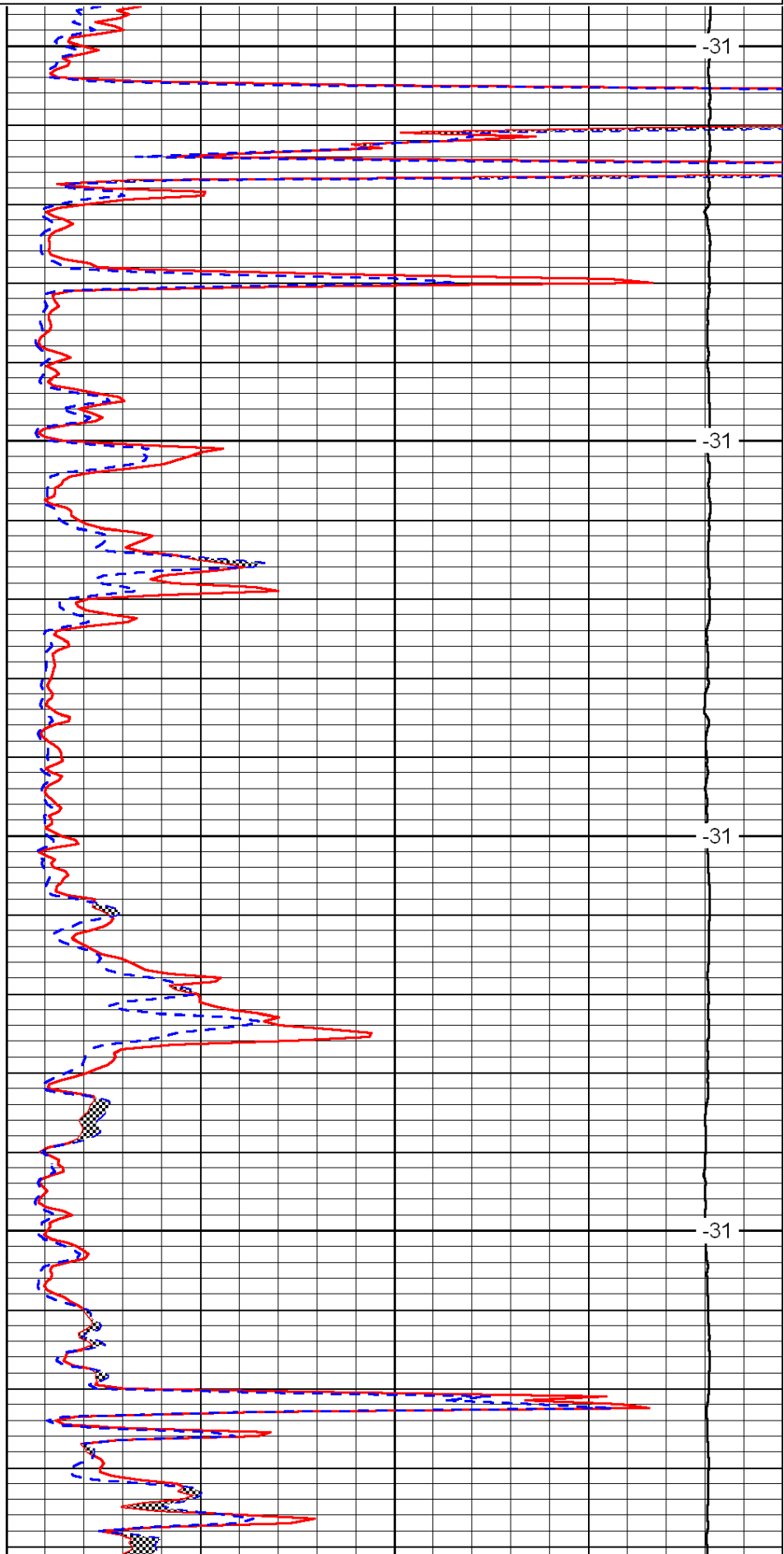
1700

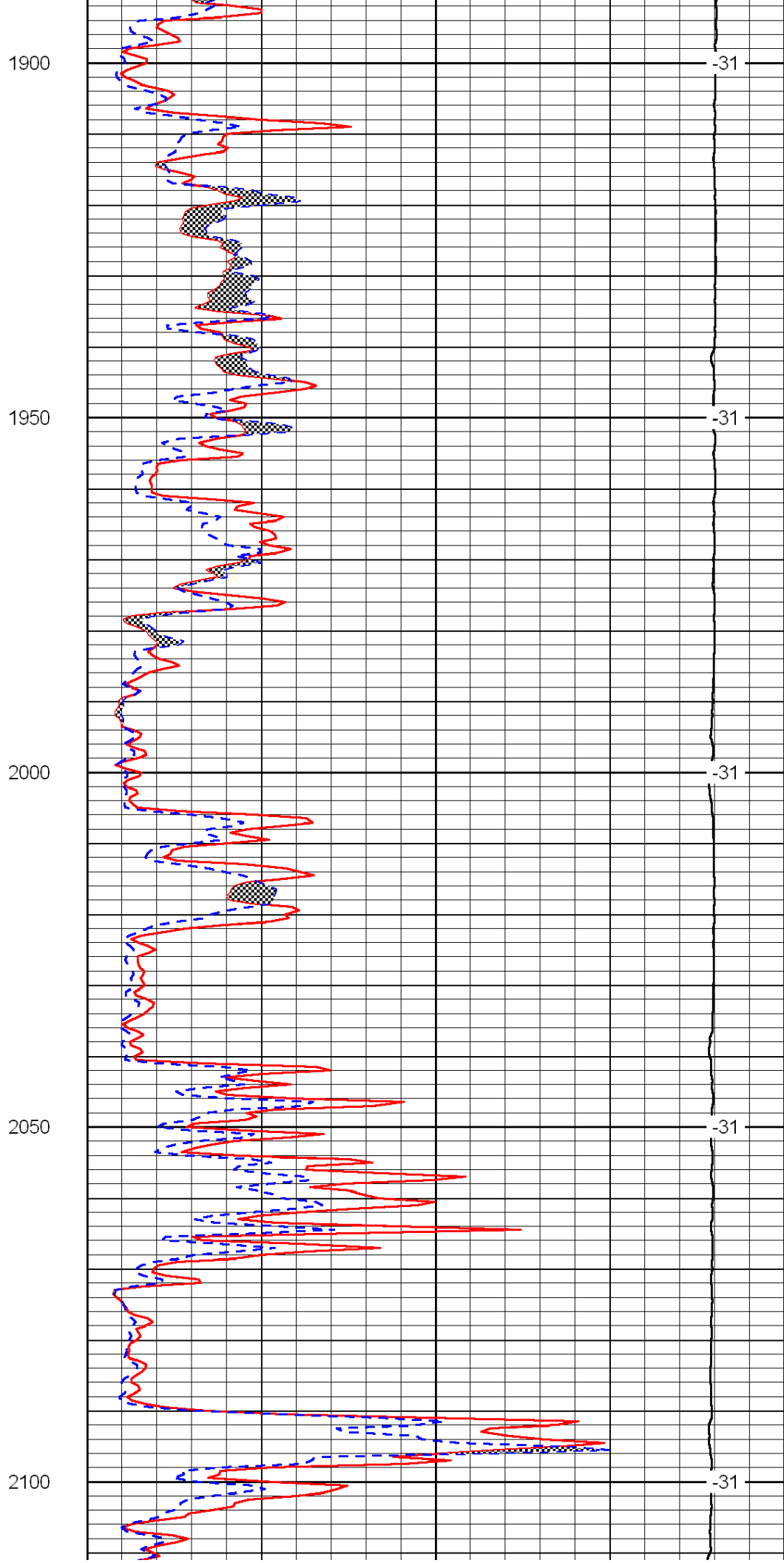
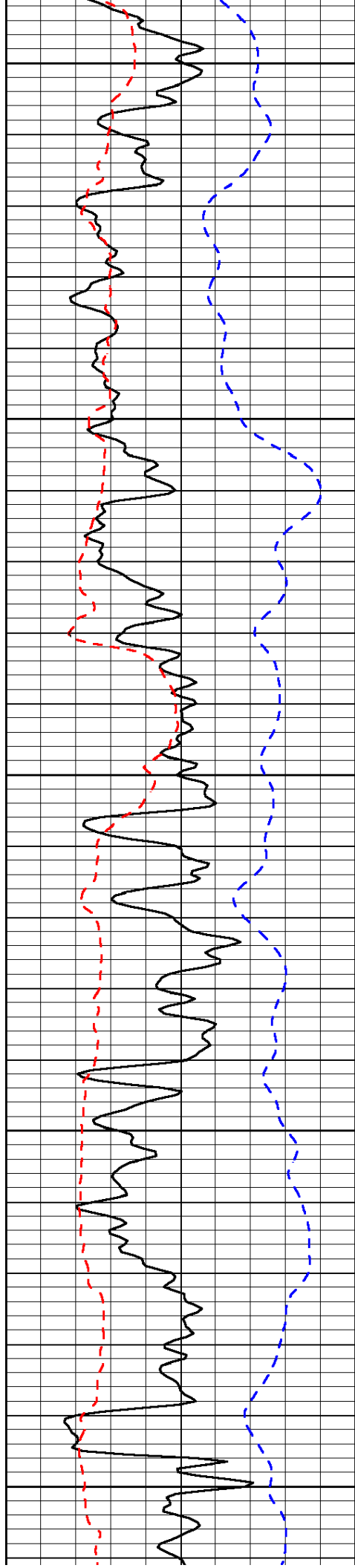
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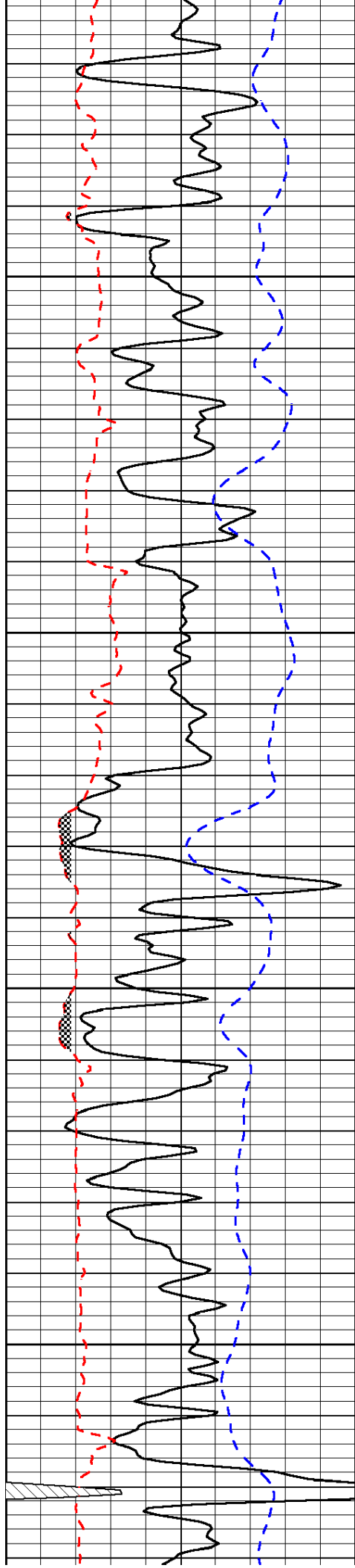
1800

1850

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





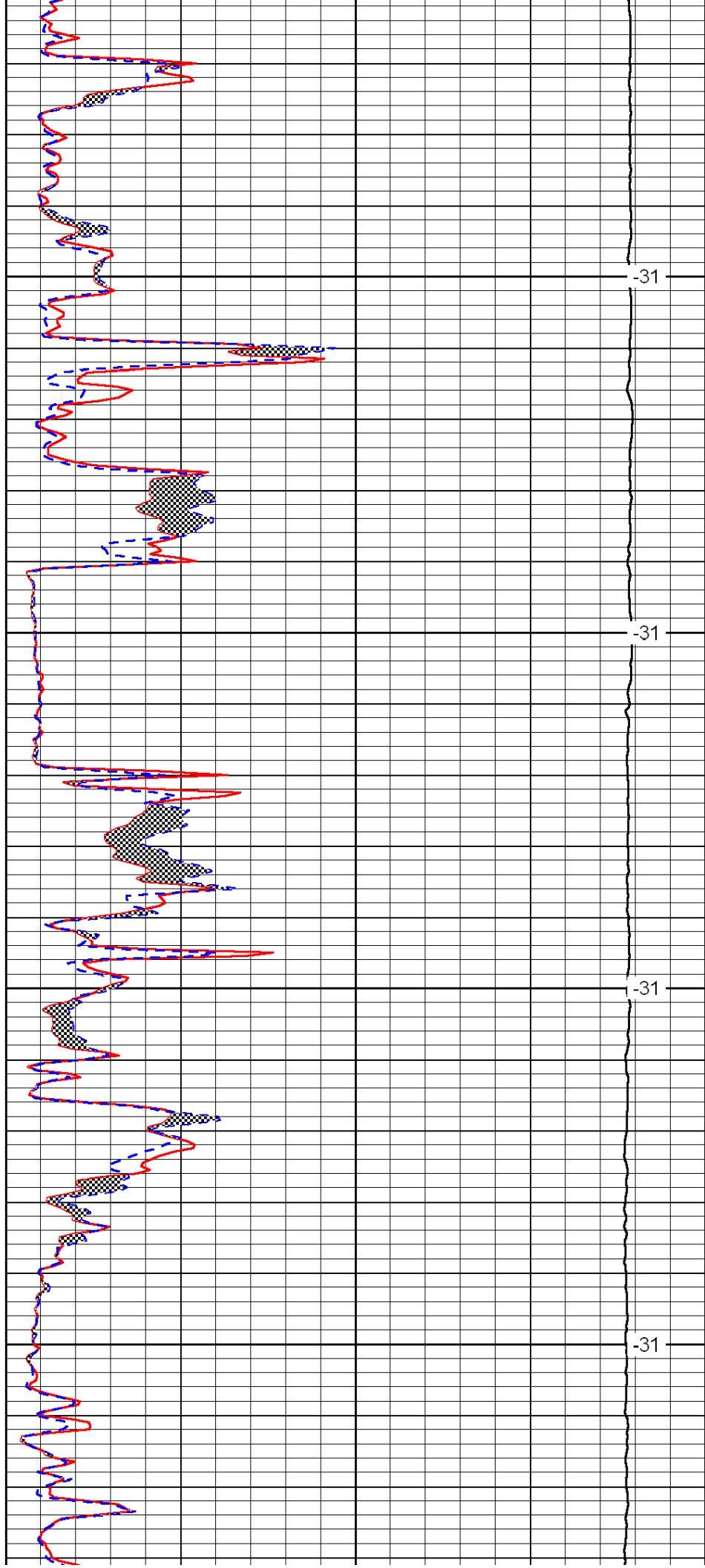


2150

2200

2250

2300

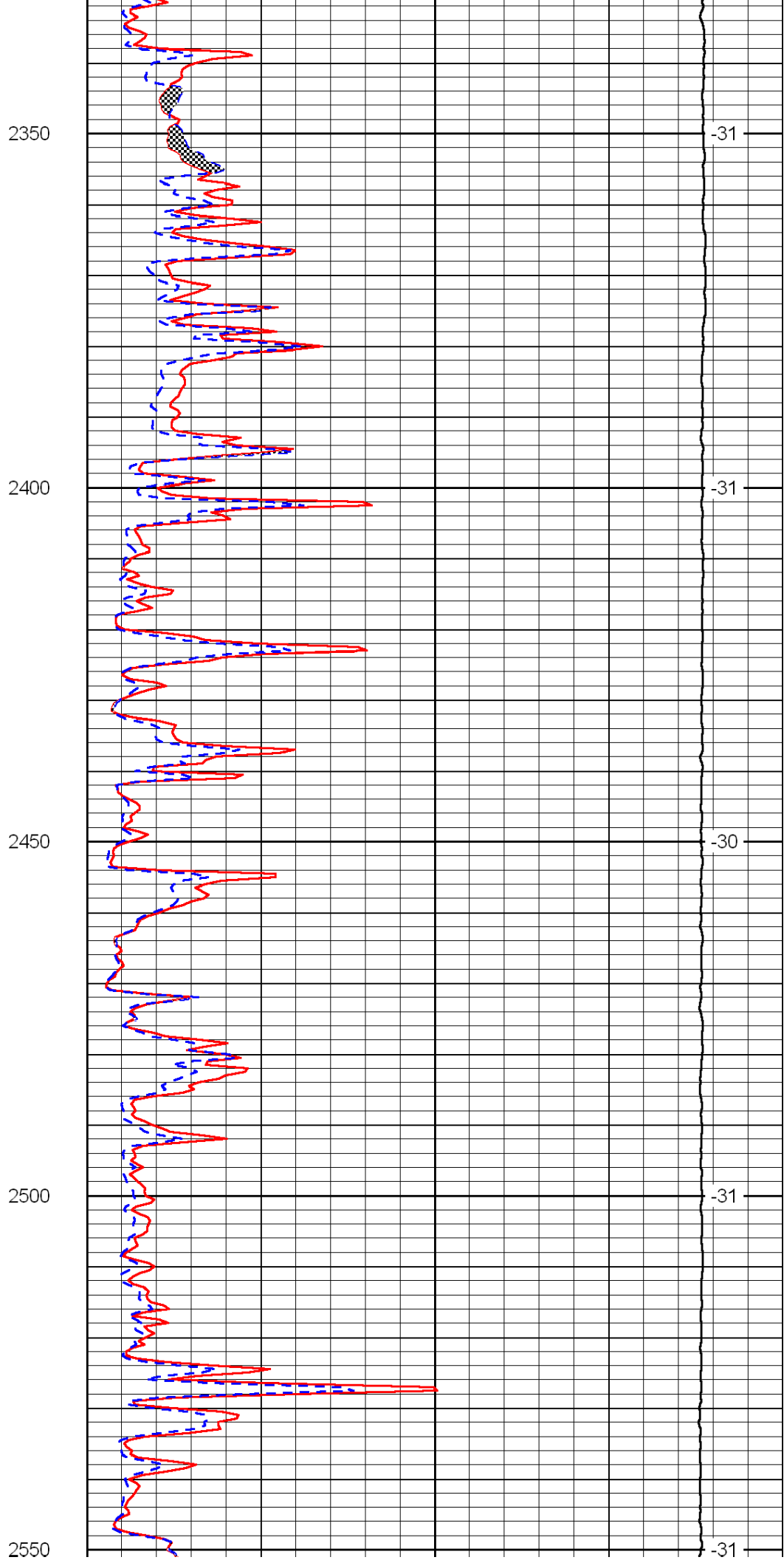
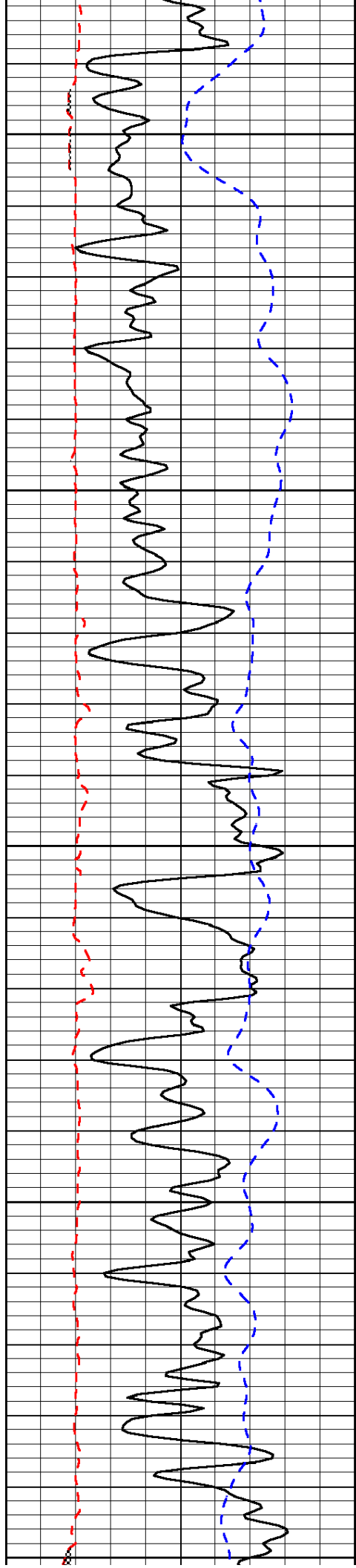


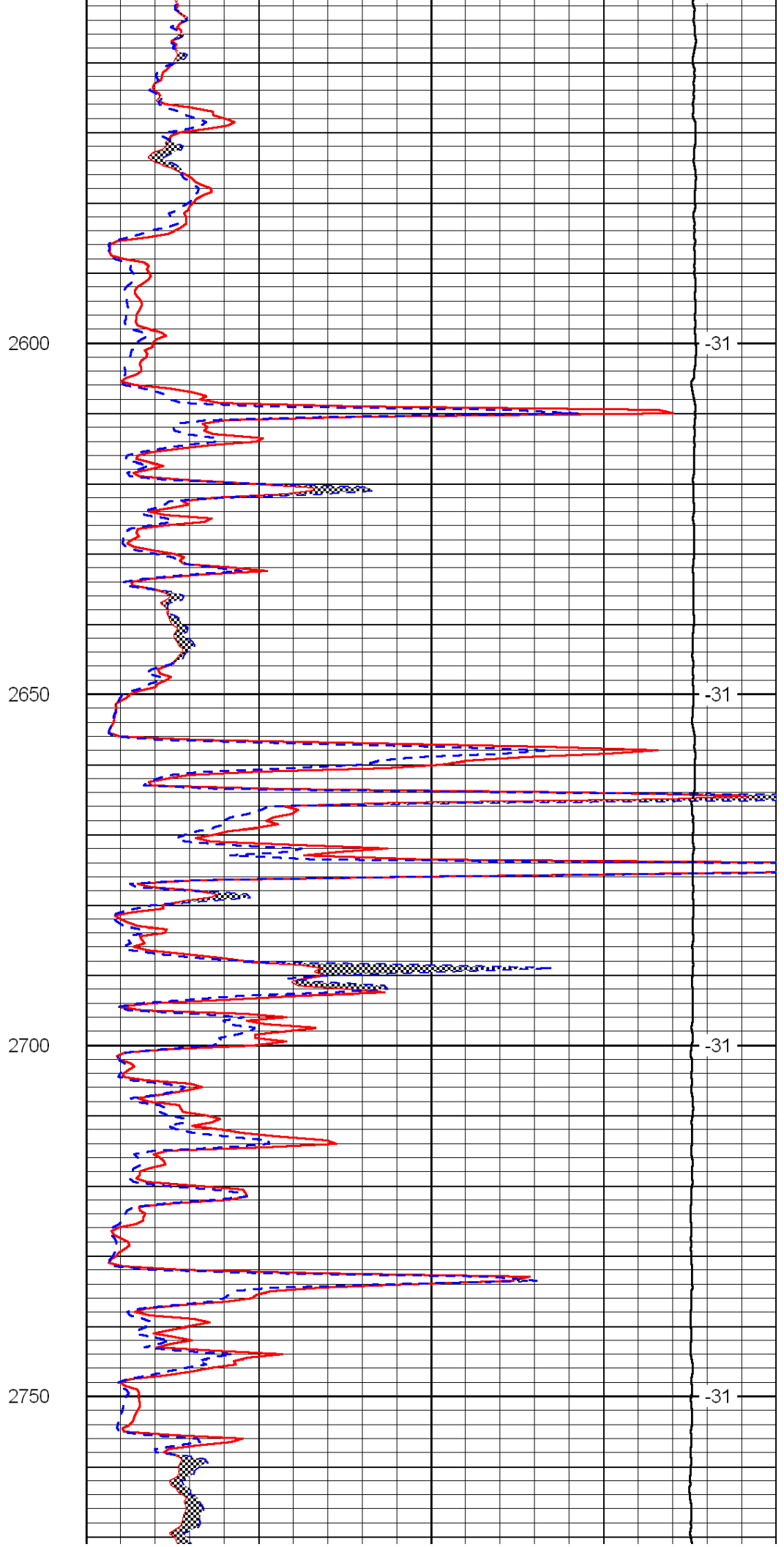
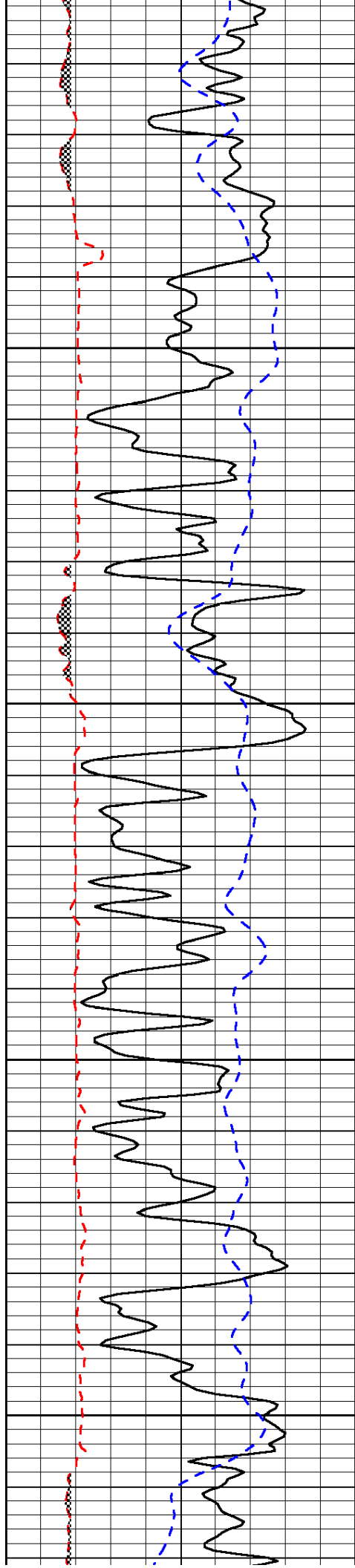
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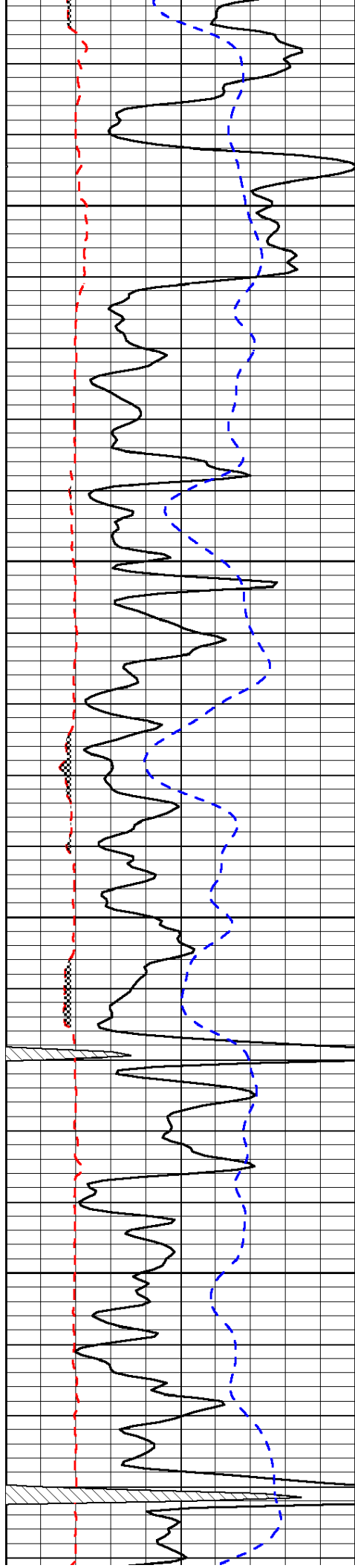
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2800

2850

2900

2950

