



Pioneer Energy Services

Microresistivity Log

API No.	Company Berexco, LLC		
	Well Michael #5-22		
	Field Wildcat		
	County Rawlins	State	Kansas
15-153-20955-00-00	Location	NE SE NE 1650' FNL / 330' FEL	
	Sec: 22	Twp: 1S	Rge: 36W
	Permanent Datum	Ground Level	Elevation 3252
	Log Measured From	Kelly Bushing	13 Ft. Above Perm. Datum
	Drilling Measured From	From Kelly Bushing	
Date		11/2/2013	
Run Number		Two	
Depth Driller		4525	
Depth Logger		4516	
Bottom Logged Interval		4515	
Top Log Interval		3000	
Casing Driller		8.625 @ 310	
Casing Logger		318	
Bit Size		7.875	
Type Fluid in Hole		Chemical	
Salinity, ppm CL		300	
Density / Viscosity		8.7 40	
pH / Fluid Loss		8.5 6.8	
Source of Sample		Flowline	
Rm @ Meas. Temp		0.72 @ 48	
Rmf @ Meas. Temp		0.54 @ 48	
Rmc @ Meas. Temp		0.97 @ 48	
Source of Rmf / Rmc		Charts	
Rm @ BHT		0.29 @ 121	
Operating Rig Time		4 Hours	
Max Rec. Temp. F		121	
Equipment Number		17	
Location		Hays	
Recorded By		R. Barnhart	
Witnessed By		Peter Vollmer	

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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.

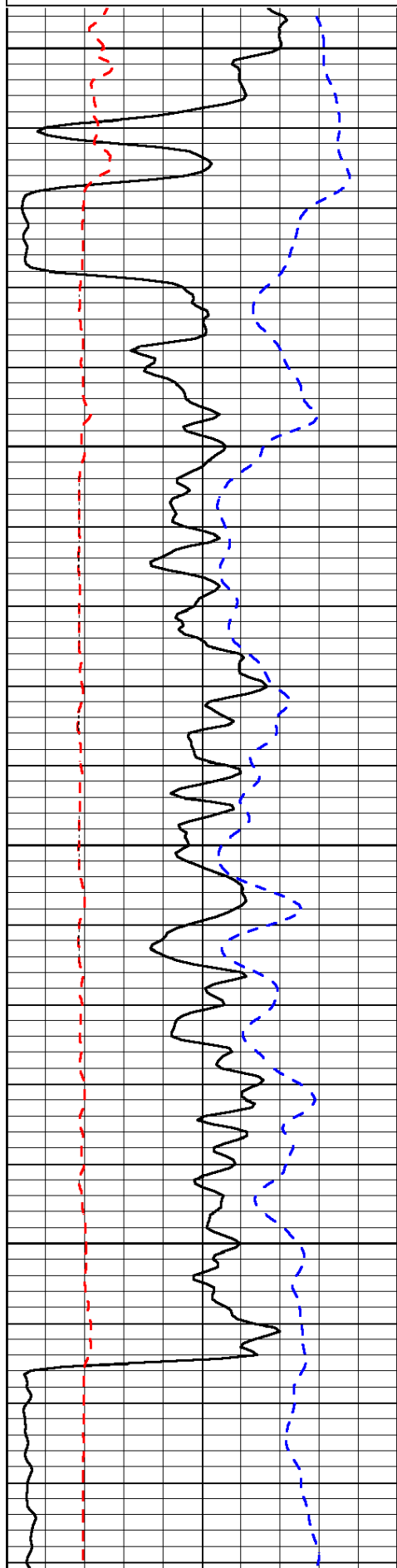
Comments

Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858

Beardsley, KS:
8N to AA Rd., W to 7 Rd., 1N, W to rig

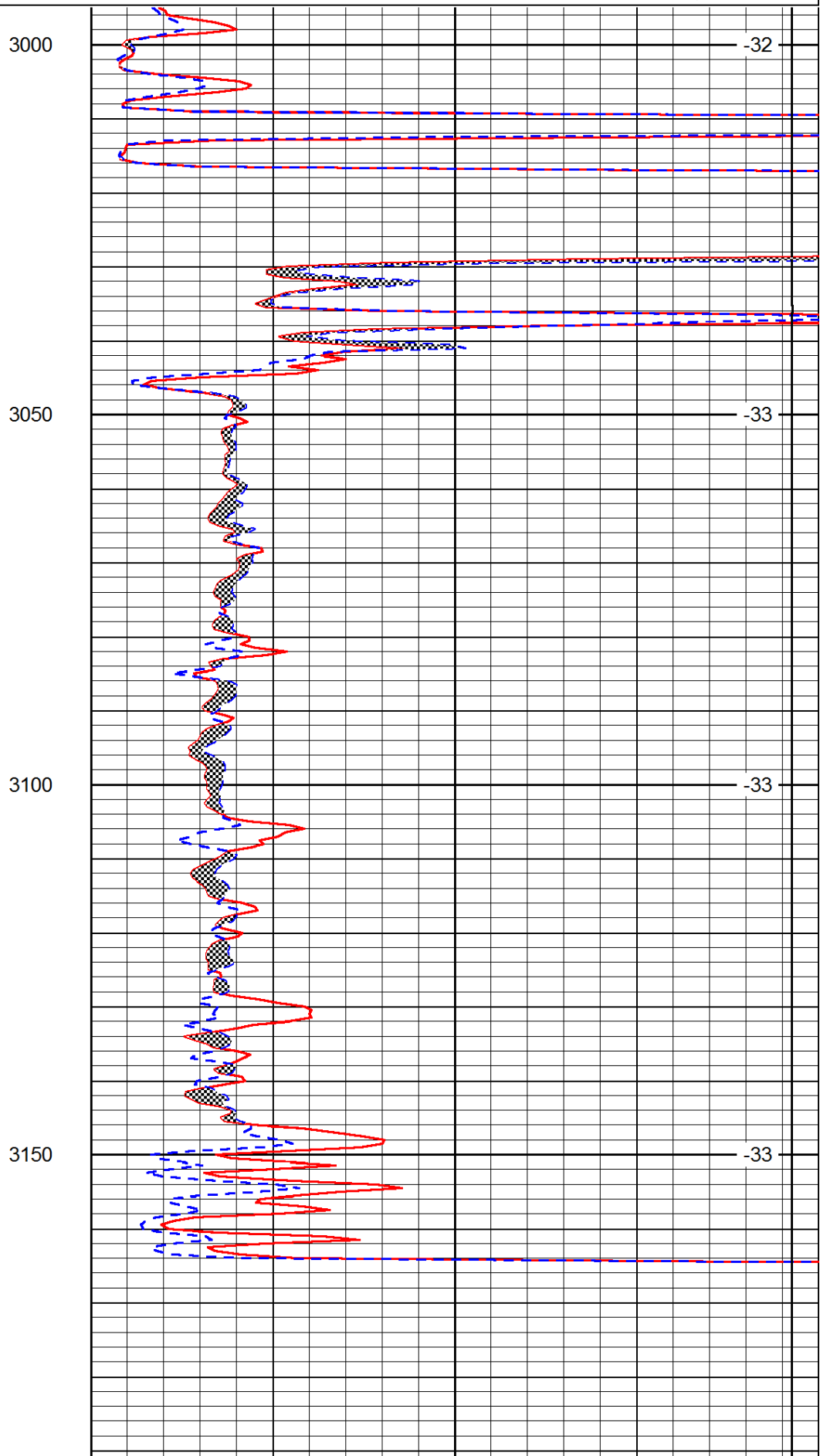
Database File: c:\warrior\data\berexco_michael #5-22\berexco_hd.db
Dataset Pathname: rag/bermain
Presentation Format: micro
Dataset Creation: Sat Nov 02 08:01:07 2013
Charted by: Depth in Feet scaled 1:240

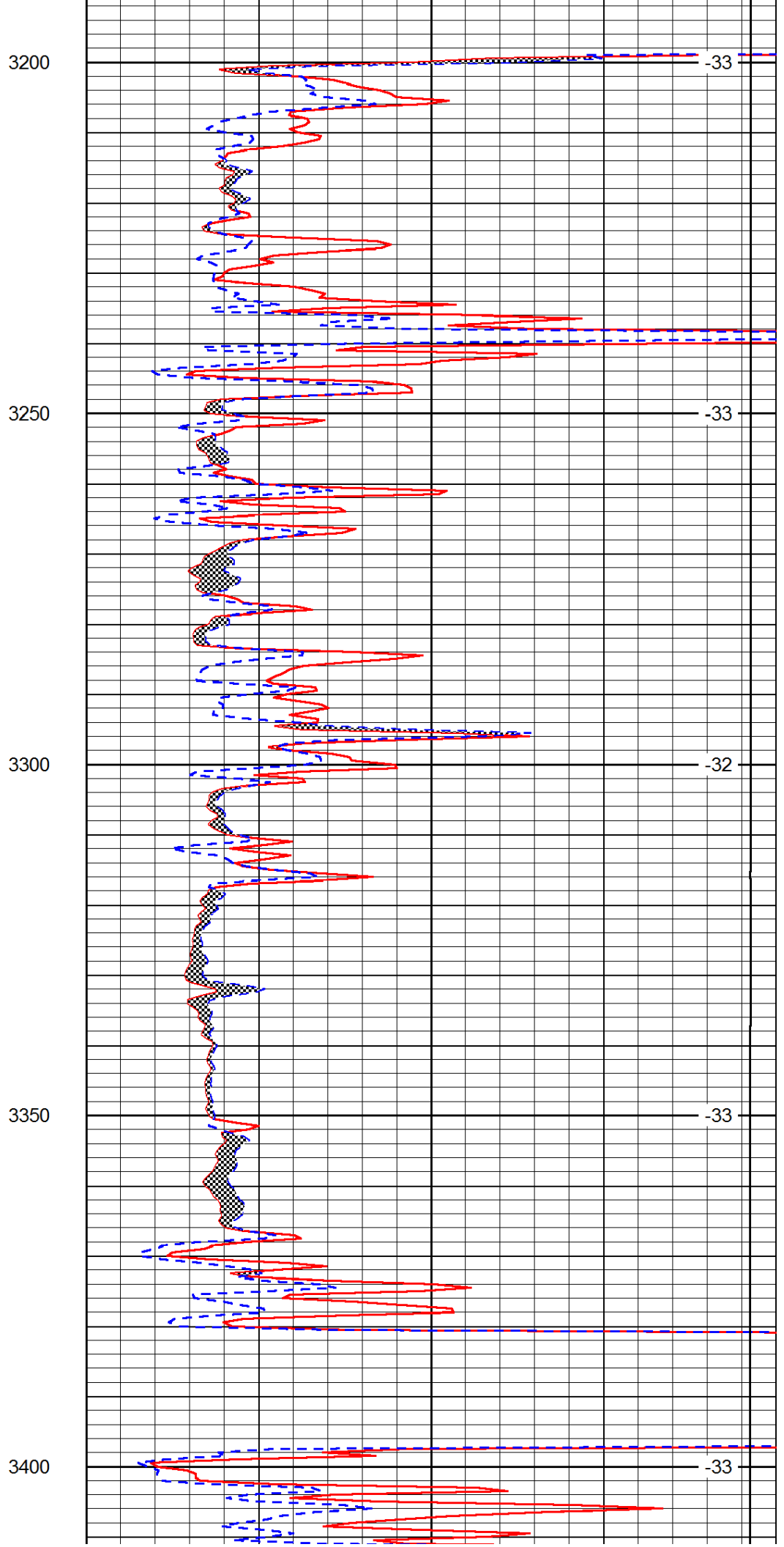
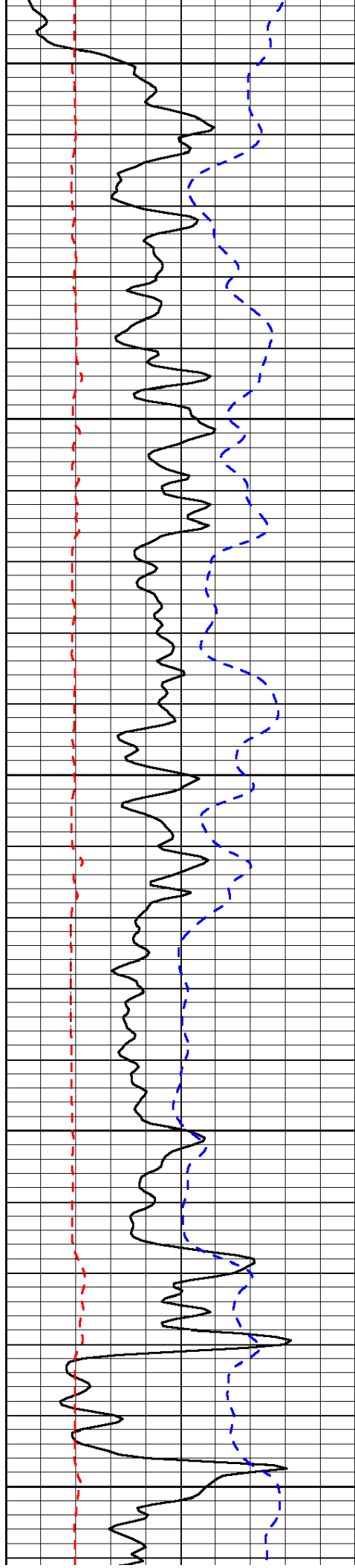
0	Gamma Ray	150
6	Micro Log Caliper (GAPI)	16
-200	SP (mV)	0

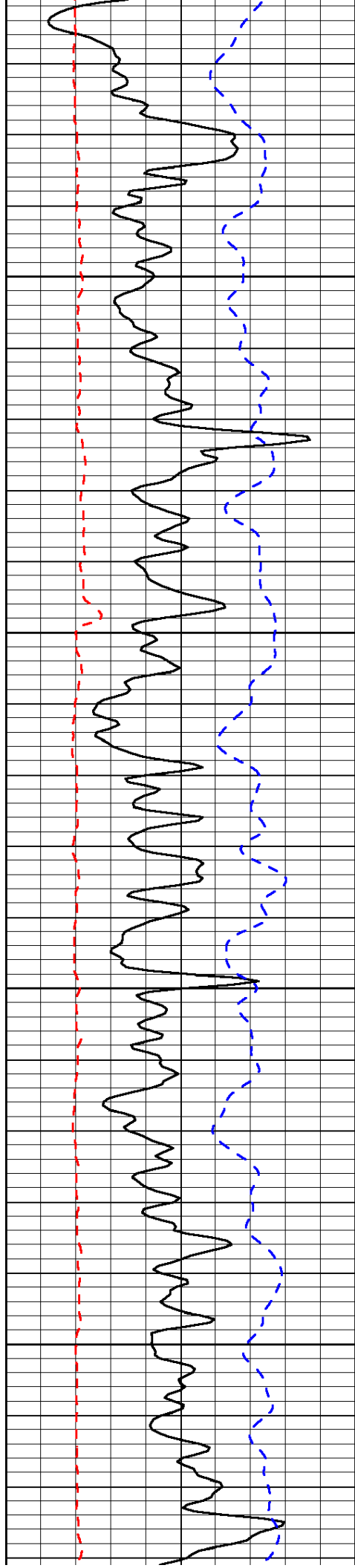


0	Micro Inverse 1 X 1	40
0	Micro Normal 2"	40
15000	Line Weight	0

LSPD





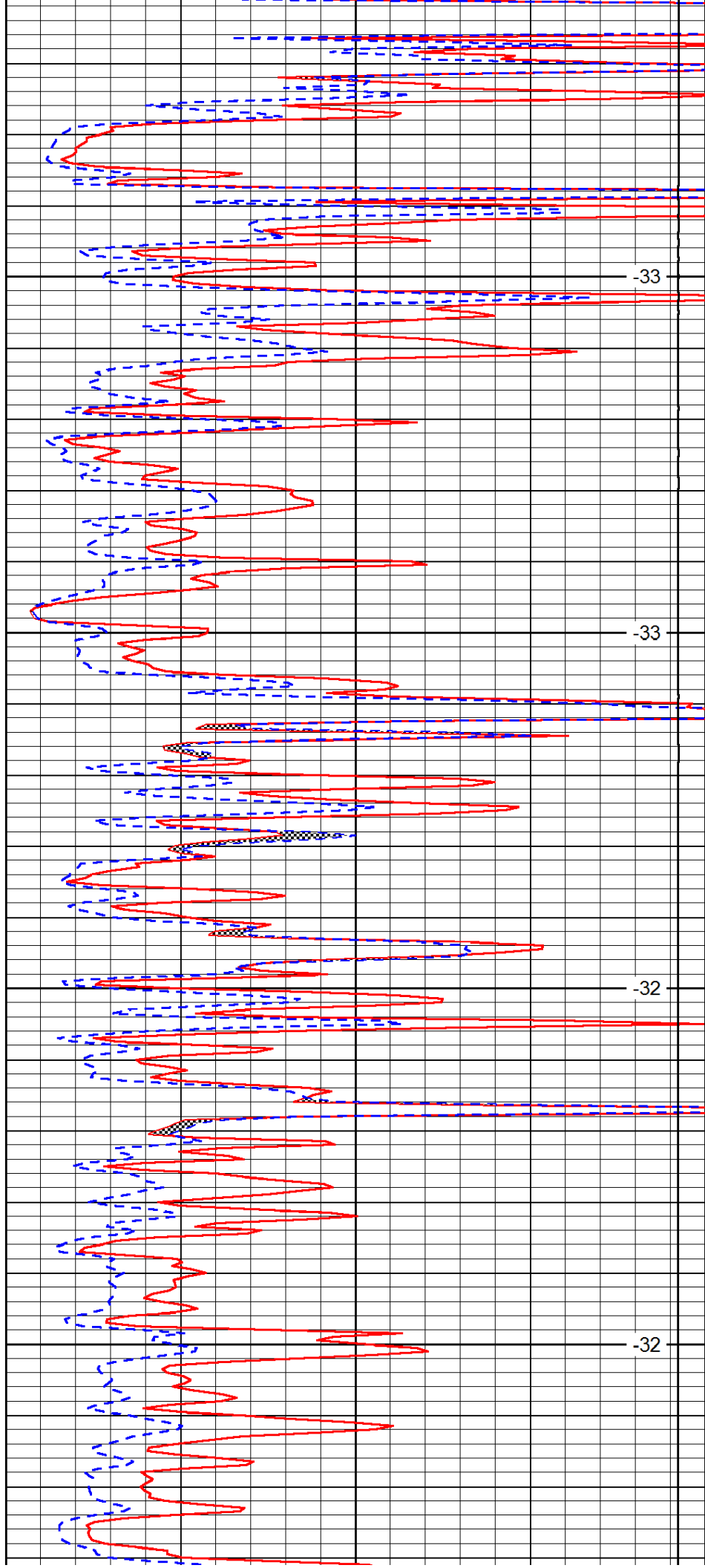


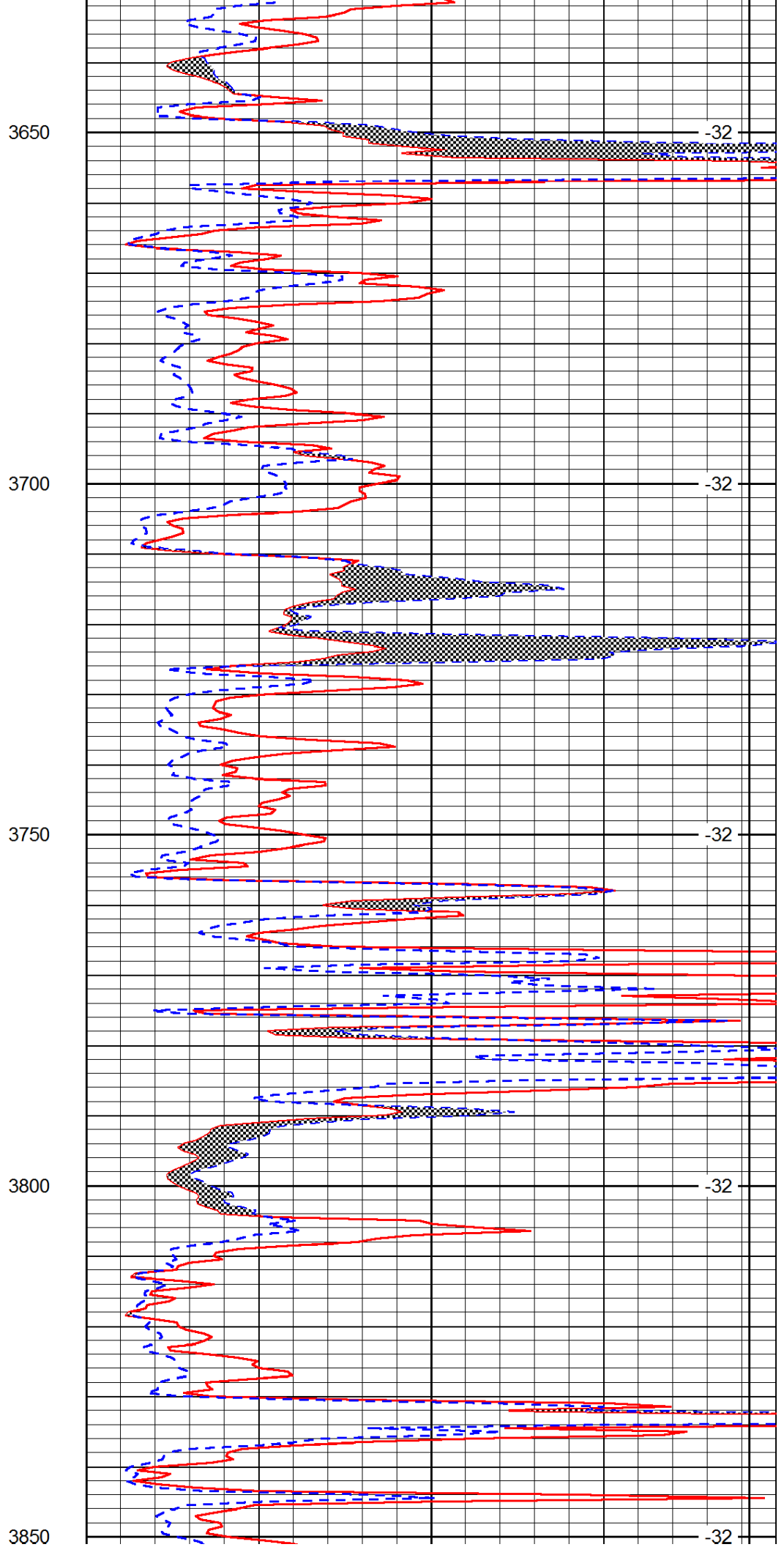
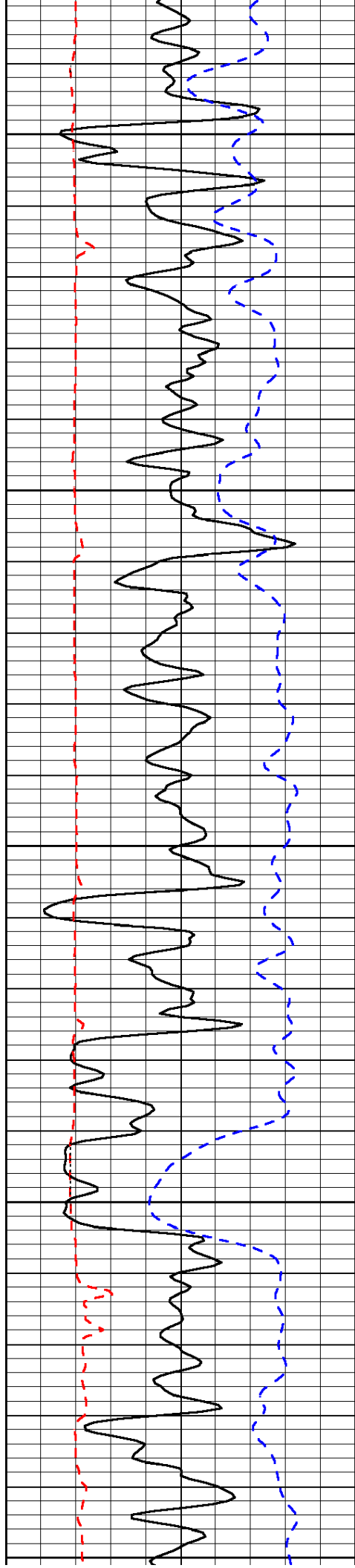
3450

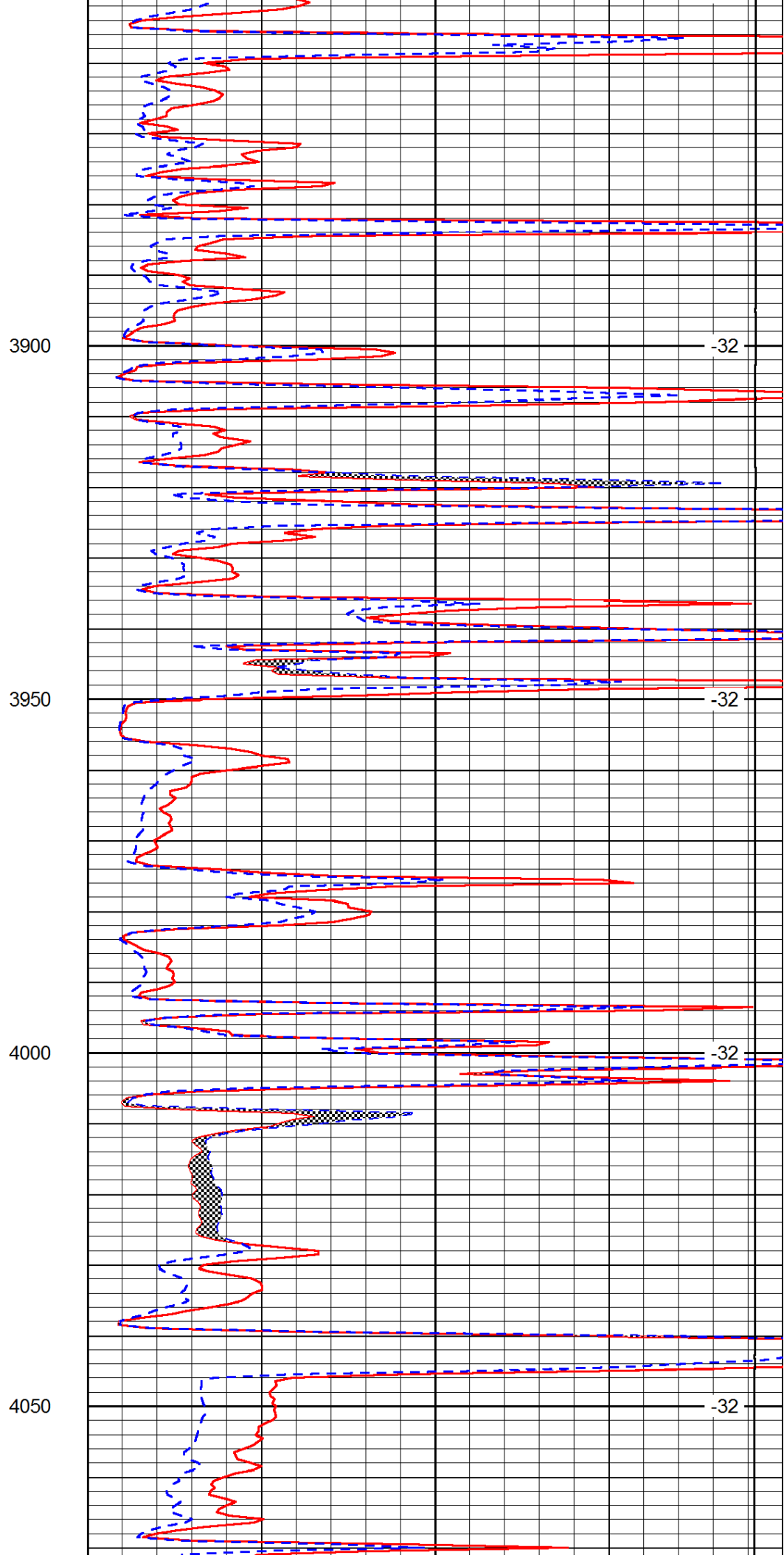
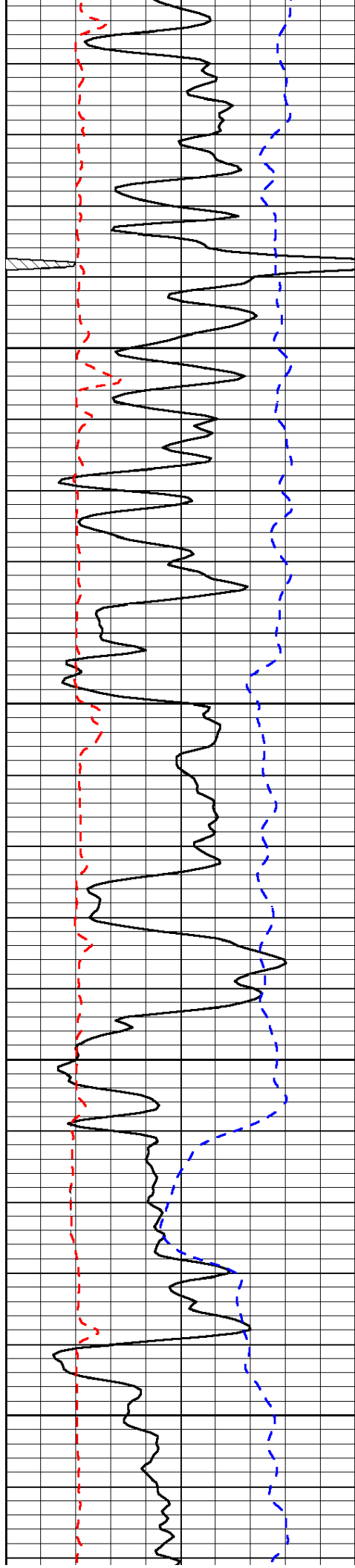
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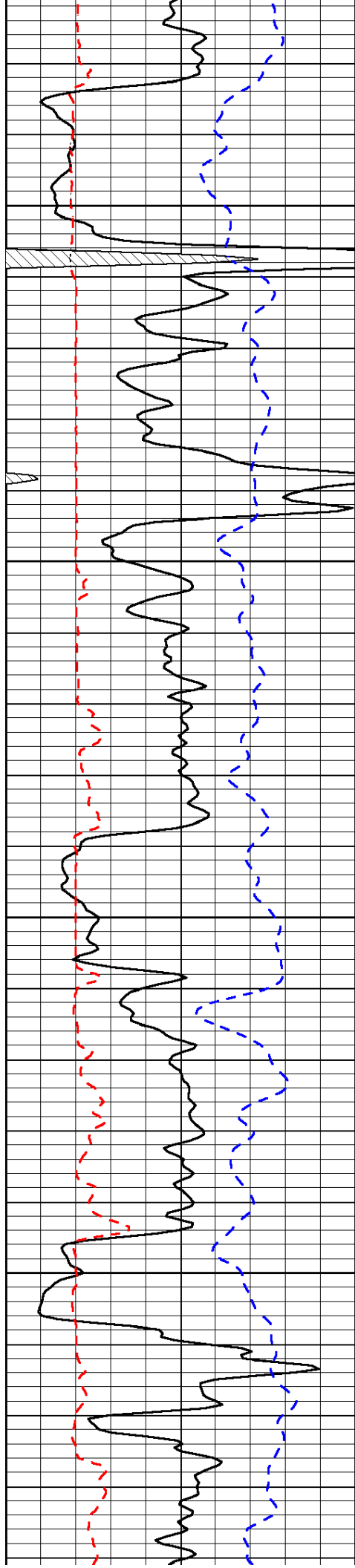
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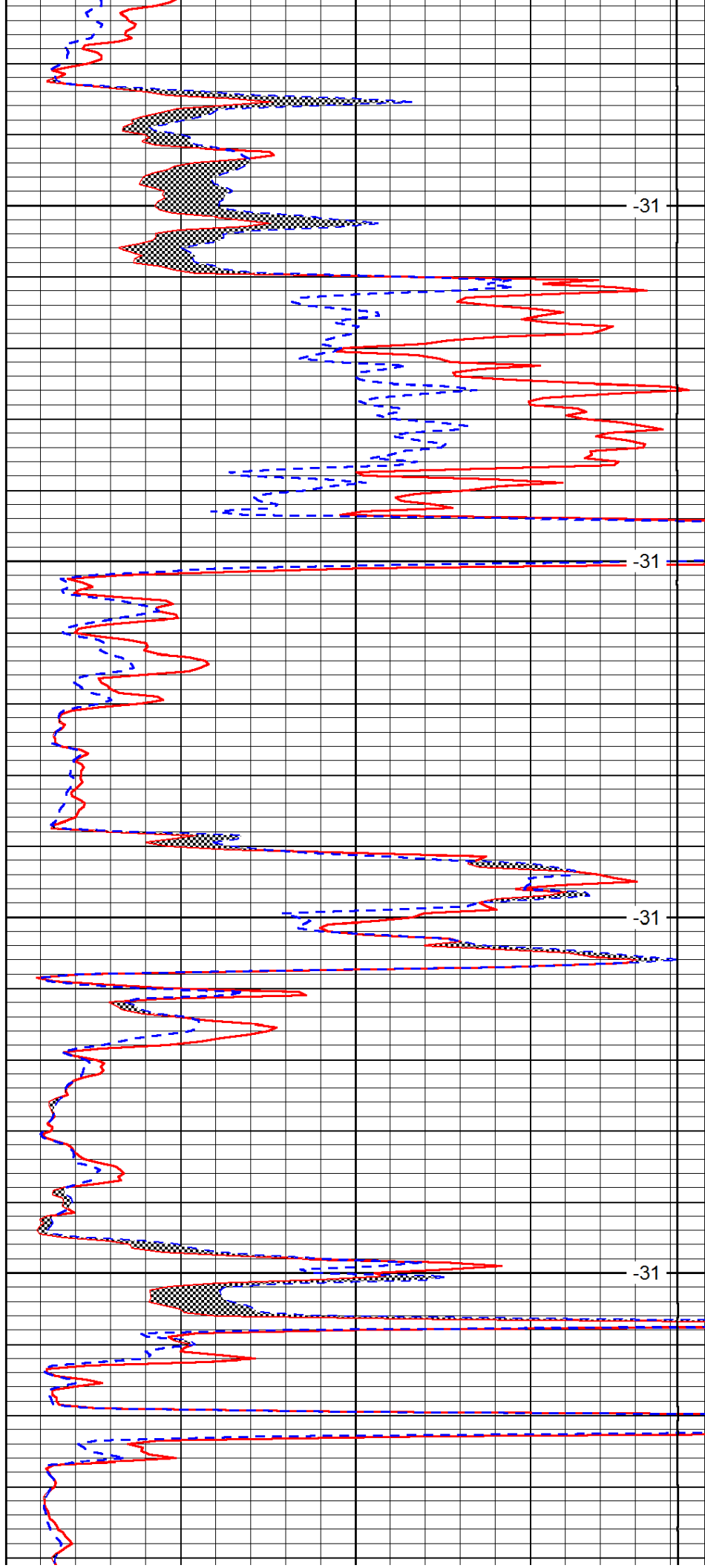


4100

4150

4200

4250

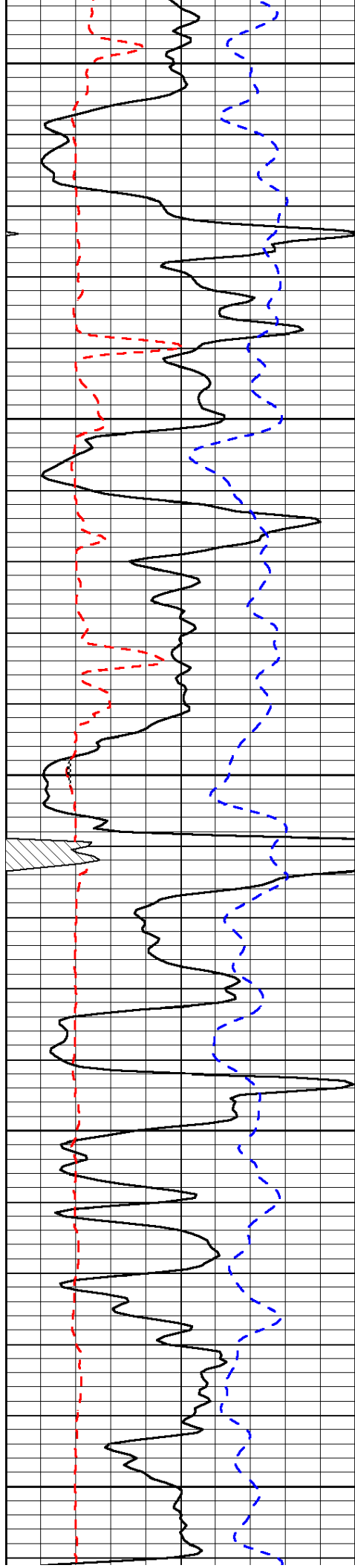


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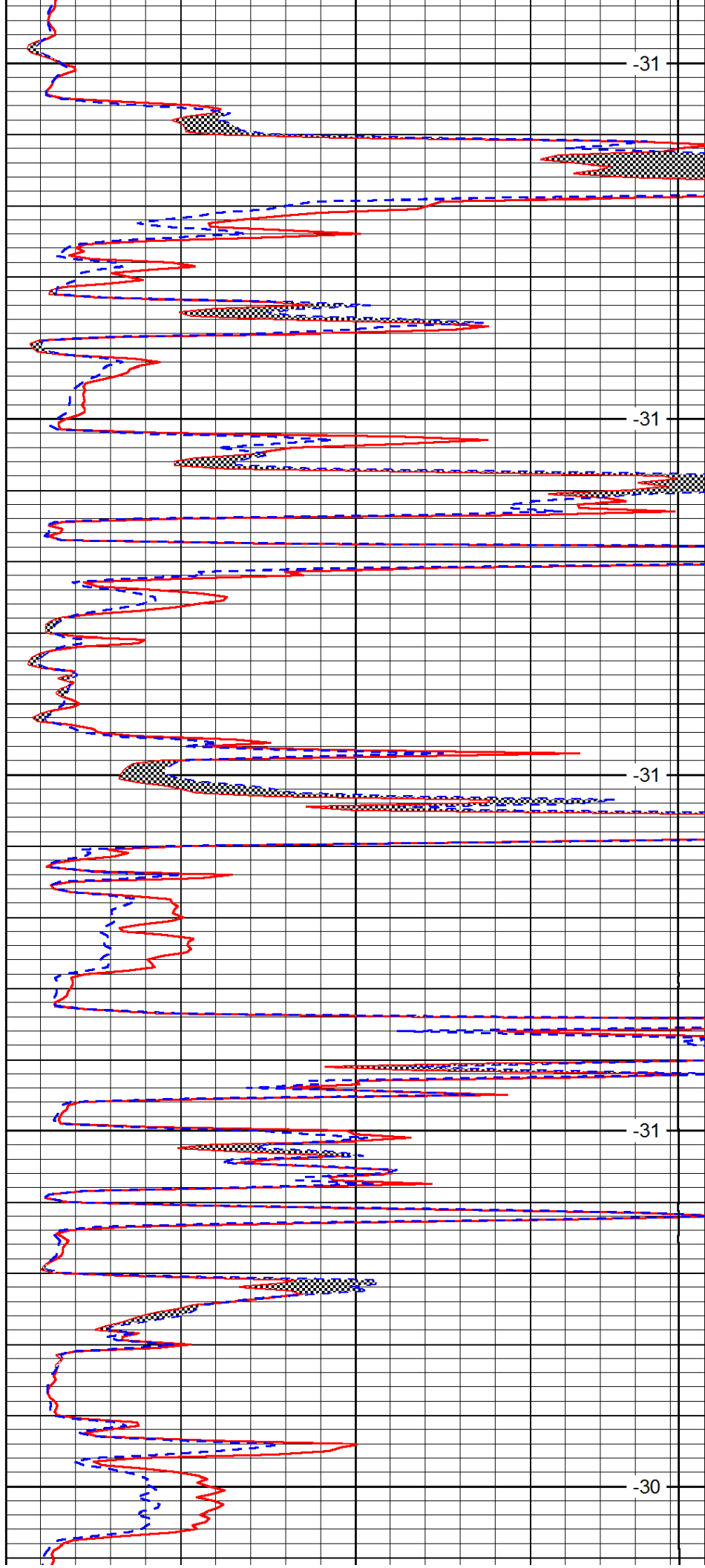
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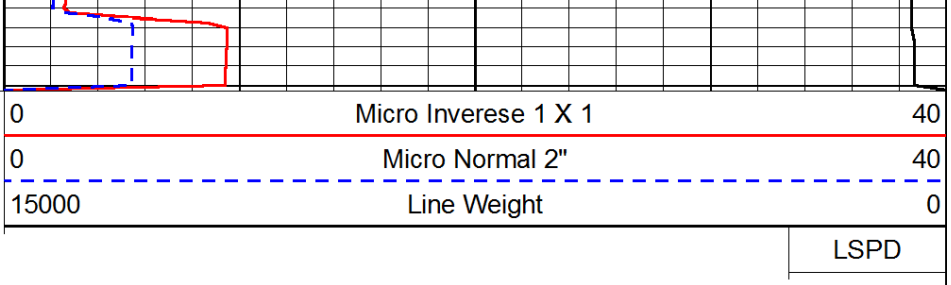
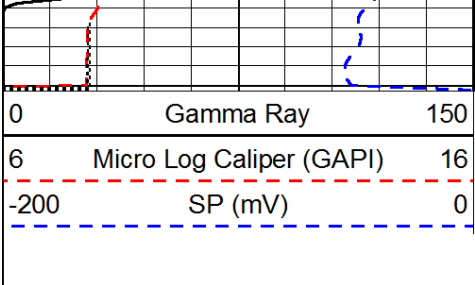
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