



Pioneer Energy Services

Microresistivity Log

API No.	Company Berexco, LLC				
	Well Mears "B" No. 1-9				
	Field				
	County	Cheyenne	State	Kansas	
15-023-21,359-00-00	Location	1,980' FSL & 1,940' FEL			Other Services RAG
	Sec: 9	Twp: 1S	Rge: 37W		
	Permanent Datum	Ground Level	Elevation 3226	Elevation K.B. 3237	
	Log Measured From	Kelly Bushing	11 Ft. Above Perm. Datum	D.F. 3226	
	Drilling Measured From	Kelly Bushing	G.L. 3226		
Date	3/9/2013				
Run Number	Two				
Depth Driller	4740				
Depth Logger	4738				
Bottom Logged Interval	4737				
Top Log Interval	3500				
Casing Driller	8.625 @ 313				
Casing Logger	307				
Bit Size	7.875				
Type Fluid in Hole	Chemical				
Salinity,ppm CL	4000				
Density / Viscosity	9.2	67			
pH / Fluid Loss	10.0	7.4			
Source of Sample	Flowline				
Rm @ Meas. Temp	.50 @ 72				
Rmf @ Meas. Temp	.38 @ 72				
Rmc @ Meas. Temp	.68 @ 72				
Source of Rmf / Rmc	Charts				
Rm @ BHT	.29 @ 123				
Operating Rig Time	4 Hours				
Max Rec. Temp. F	123				
Equipment Number	108				
Location	Hays				
Recorded By	J. Long				
Witnessed By	Bryan Bynog				

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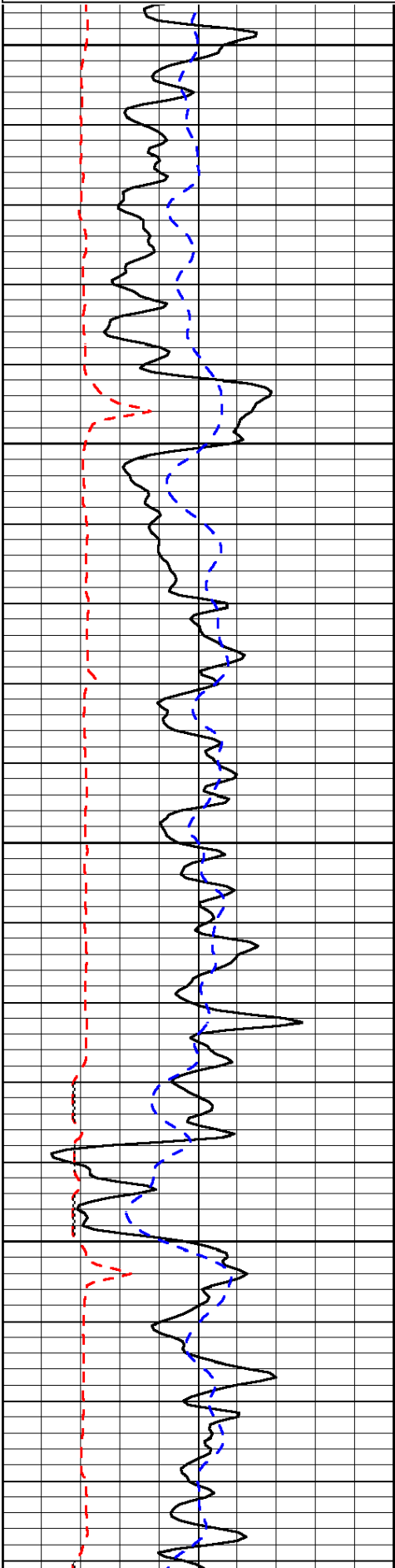
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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

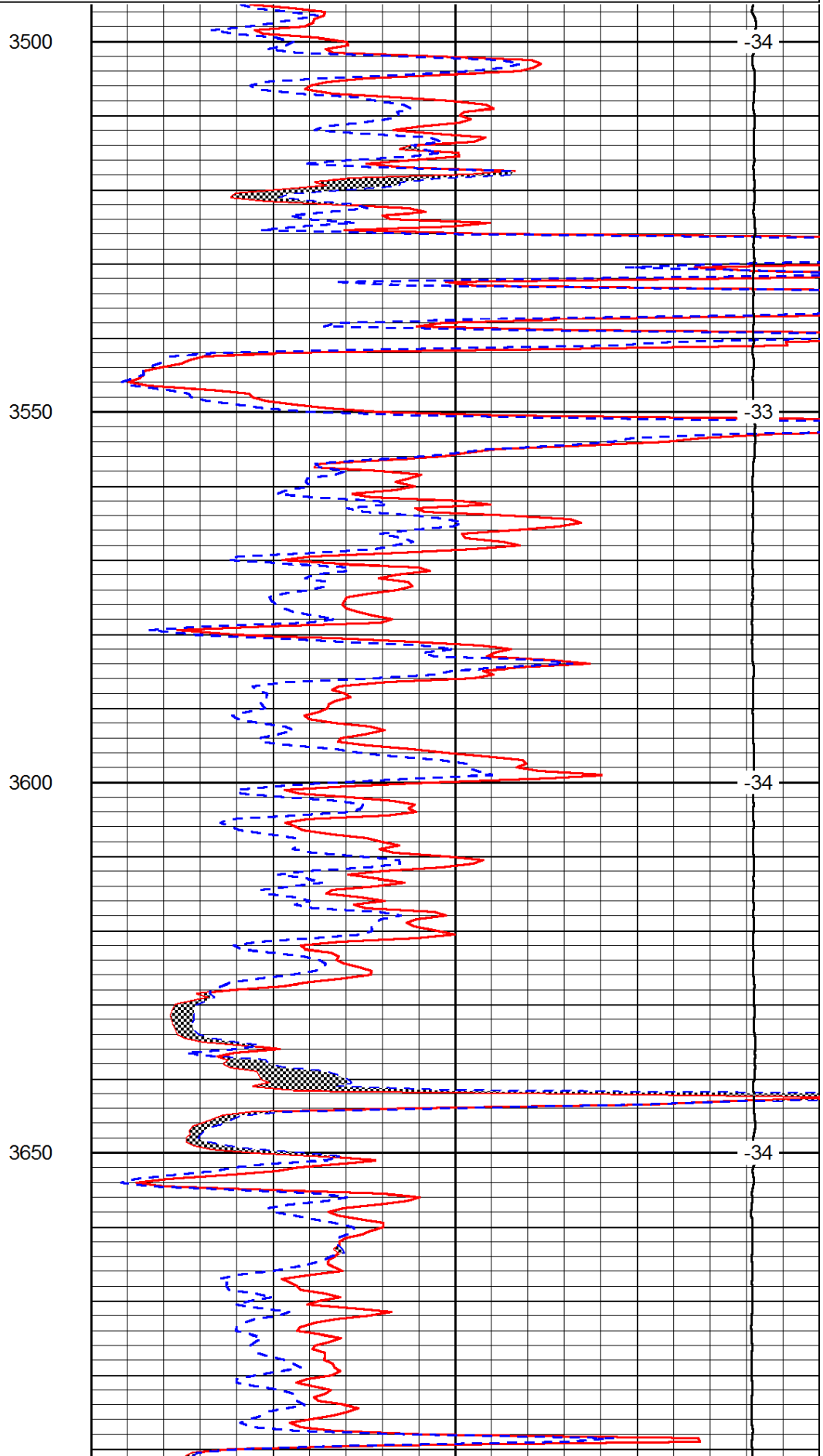
Bird City, 17 North to EE Road (State Line) 3 East to fork, 2 1/2 South, North Into

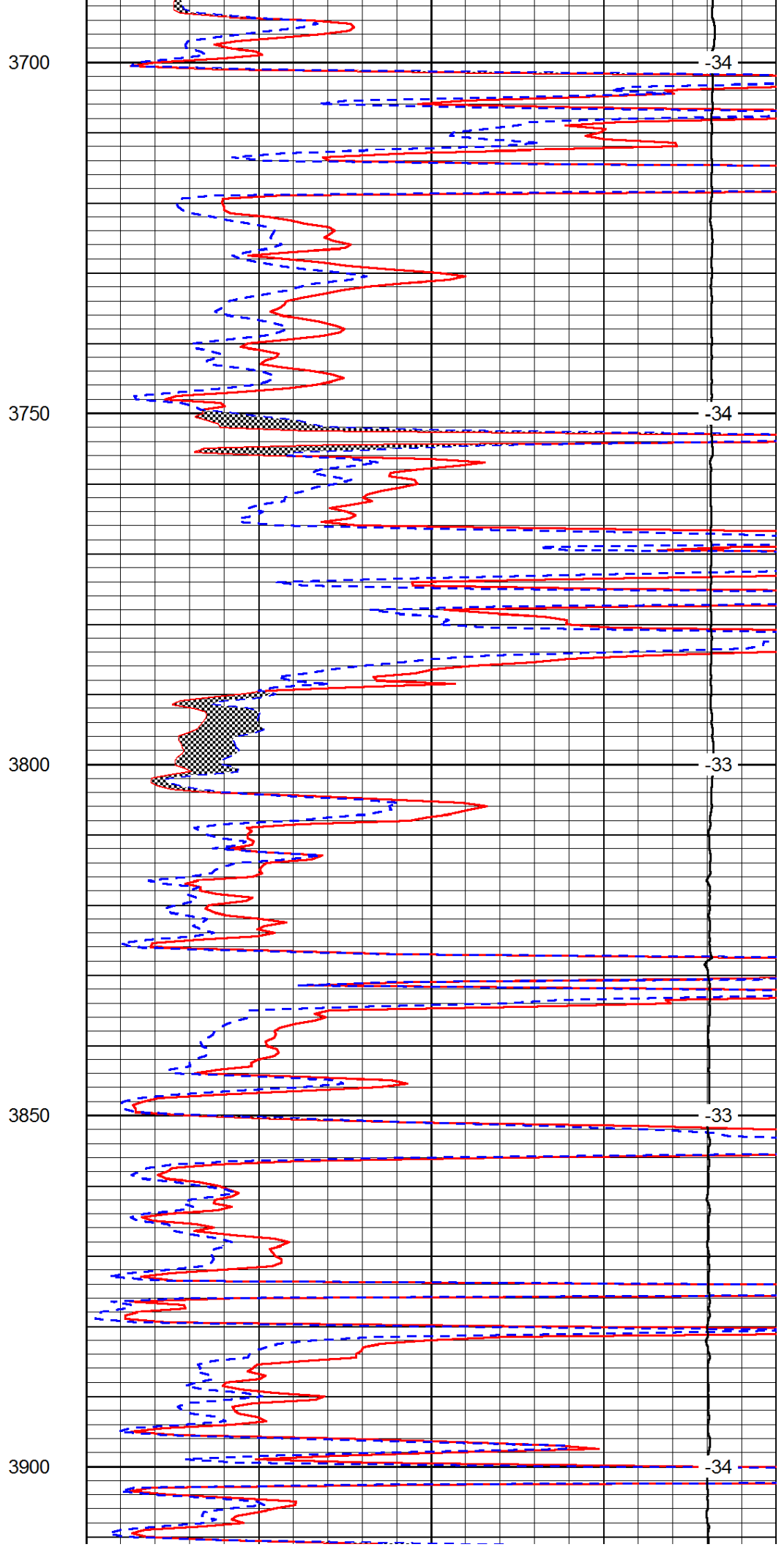
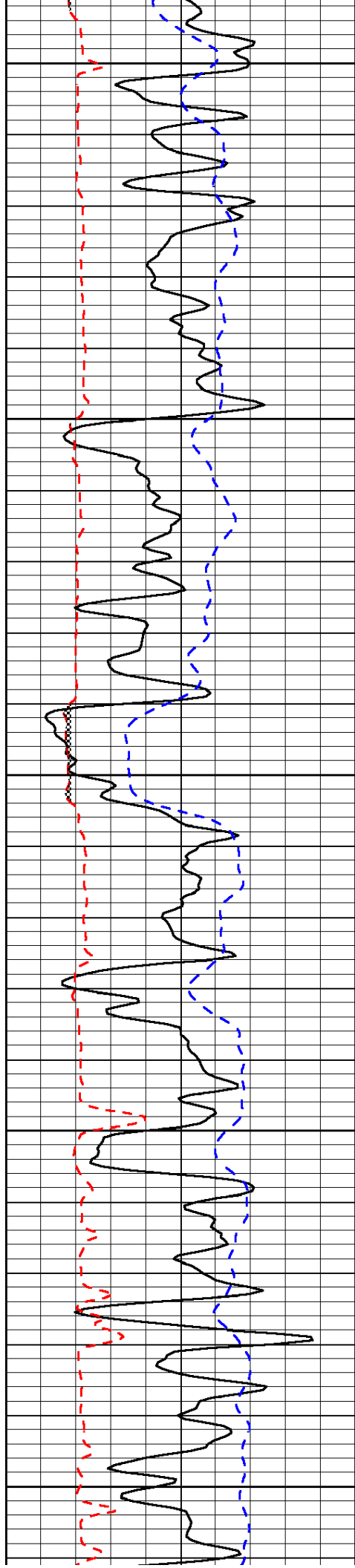
0	Gamma Ray	150
6	Micro Log Caliper (GAPI)	16
-200	SP (mV)	0

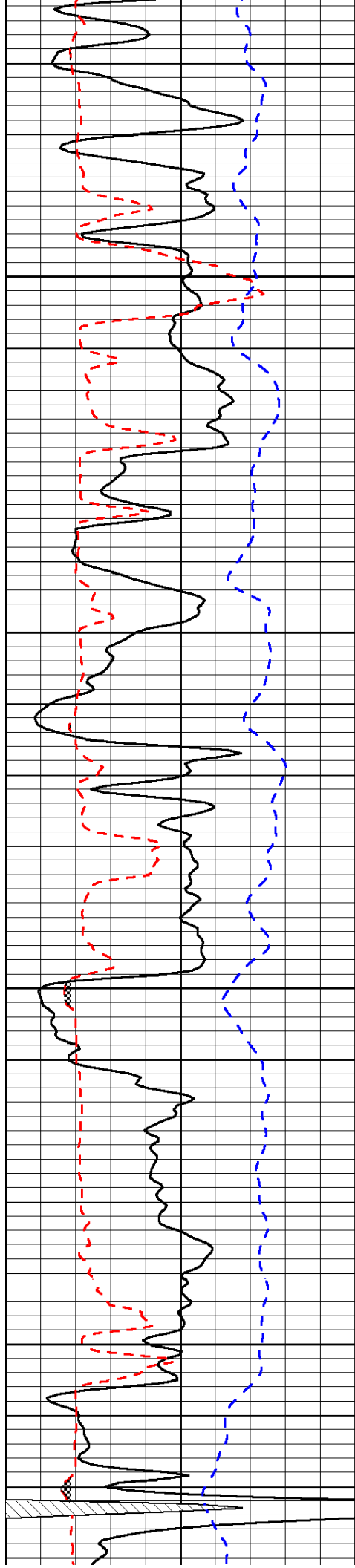


0	Micro Inverse 1 X 1	40
0	Micro Normal 2"	40
15000	Line Weight	0

LSPD





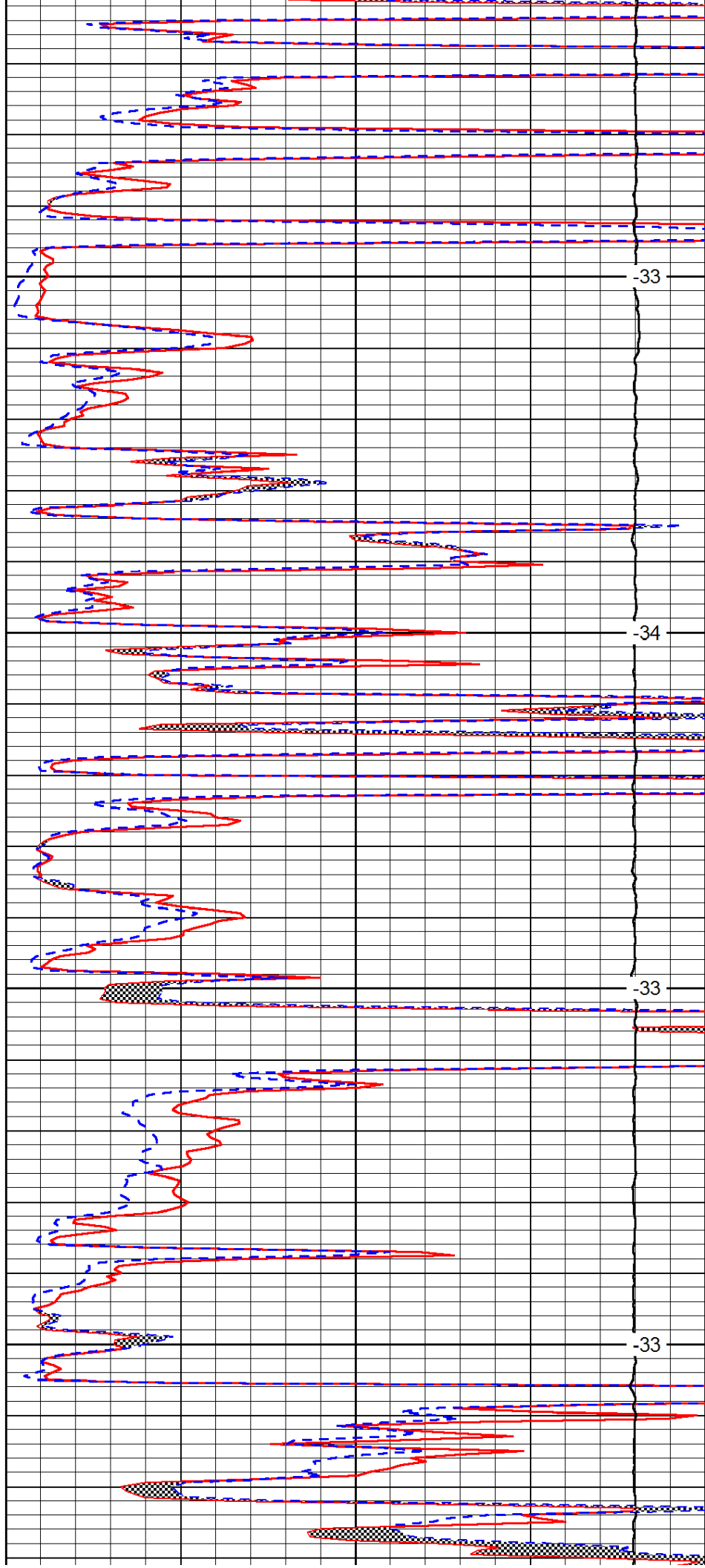


3950

4000

4050

4100

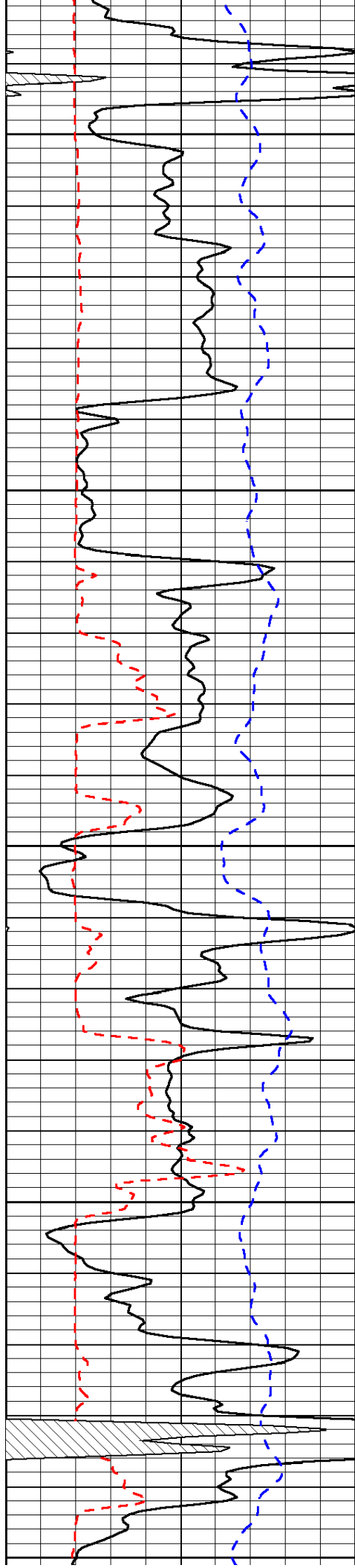


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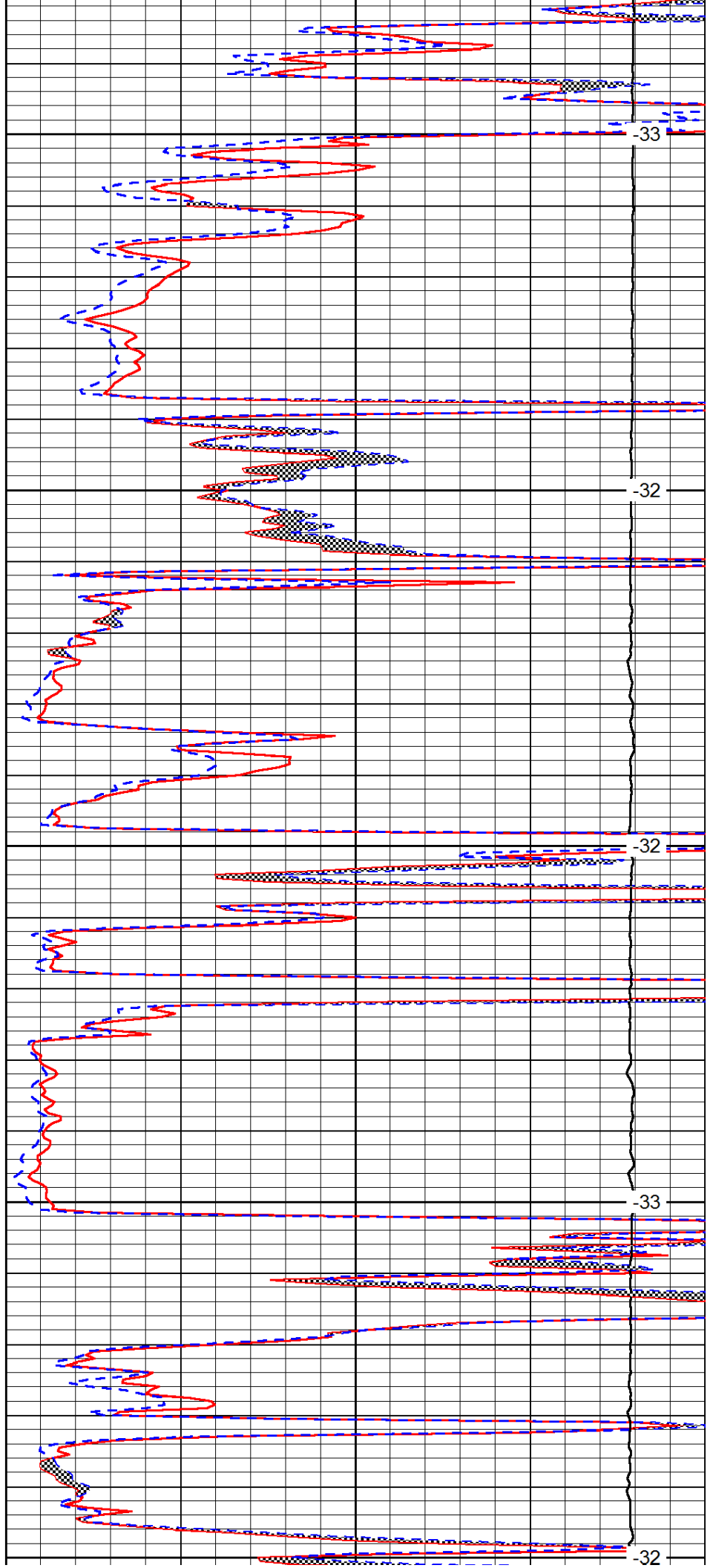
4150

4200

4250

4300

4350



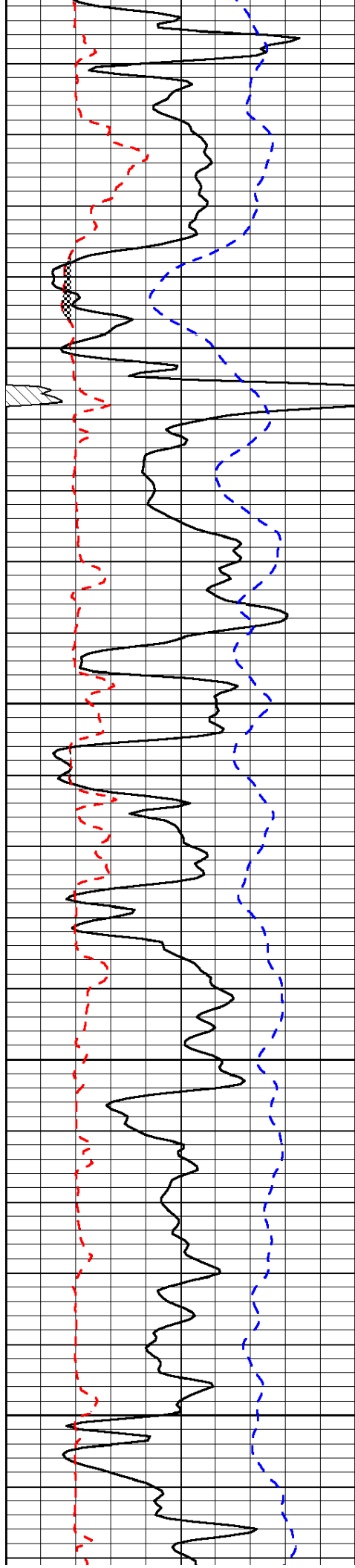
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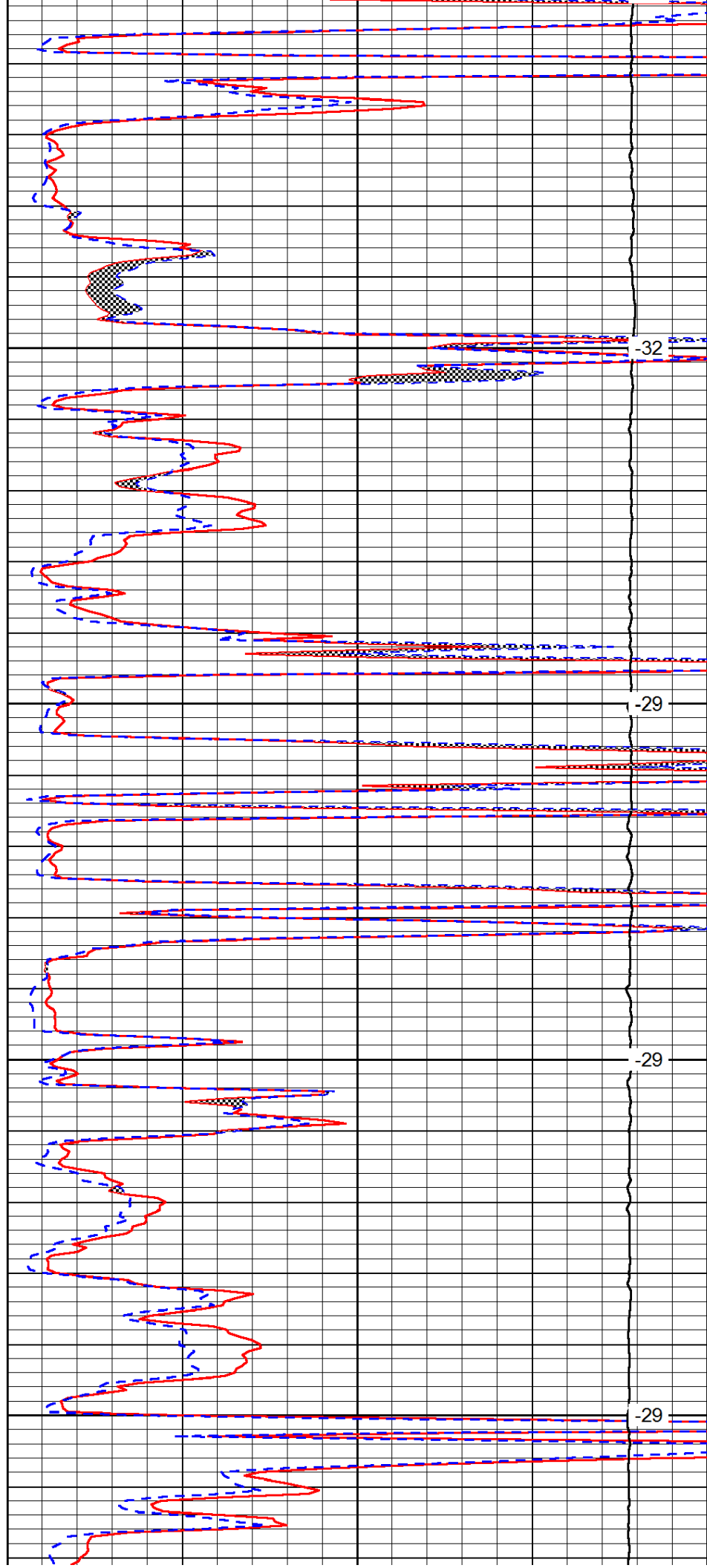


4400

4450

4500

4550

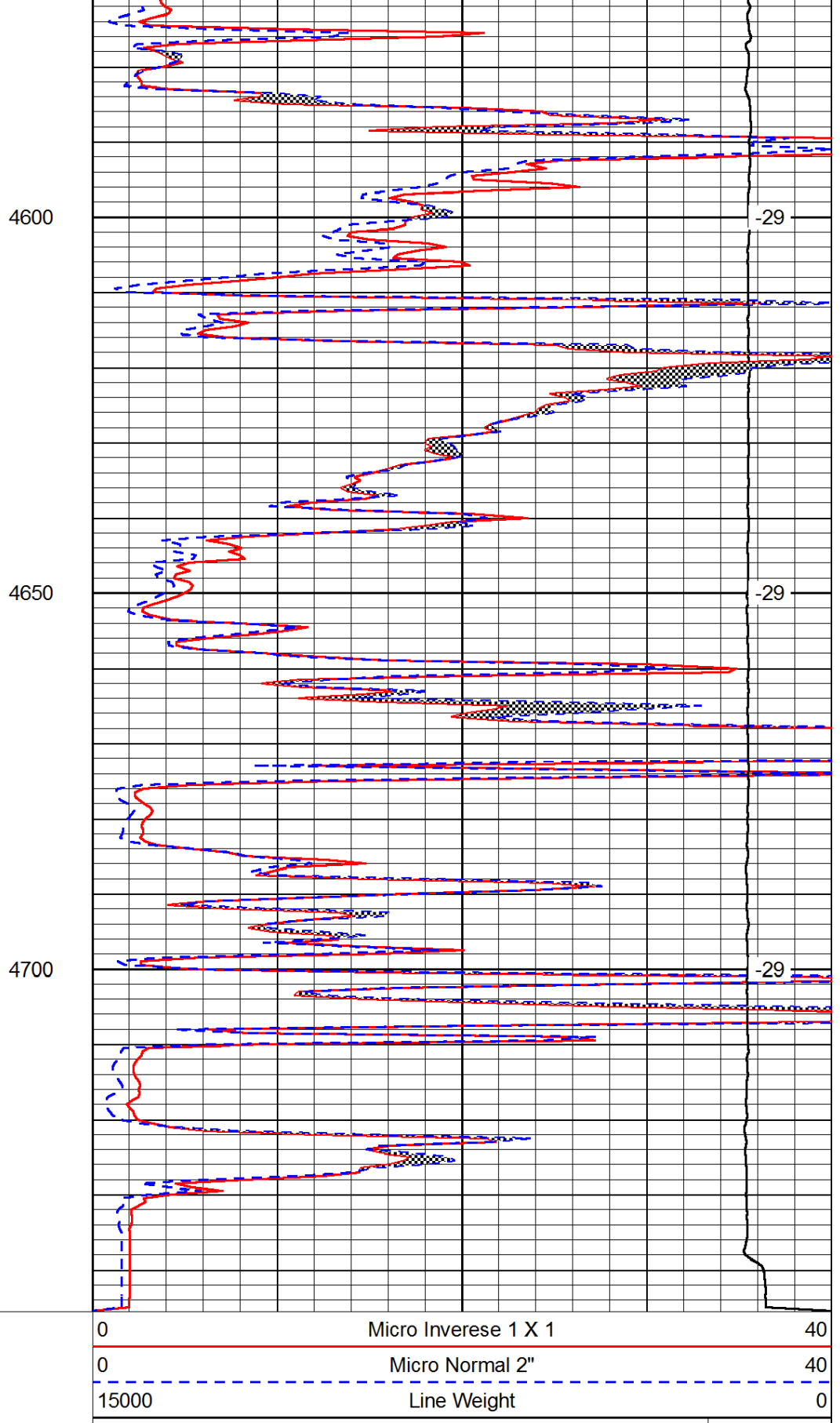
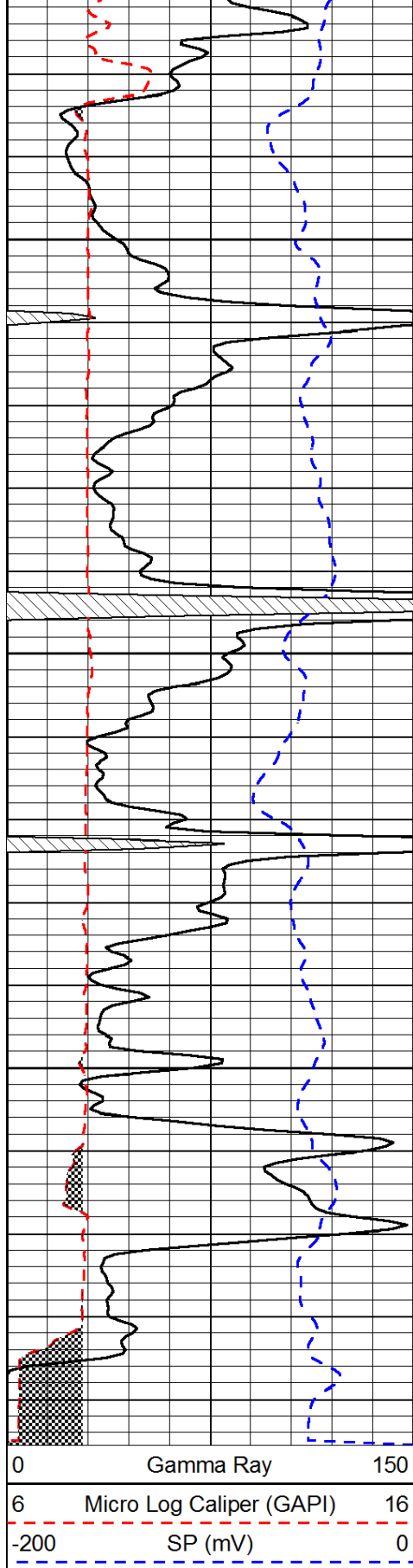


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