



Dual Induction Log

Pioneer Energy Services

API No.	Company Alton Oil, LLC		
	Well Jack #1		
	Field Wildcat		
	County Cowley	State	Kansas
15-035-24,556-00-00	Location	330' FNL & 990' FWL	
	Sec: 21	Twp: 30S	Rge: 5E
Permanent Datum	Ground Level	Elevation 1342	
Log Measured From	Kelly Bushing	7 Ft. Above Perm. Datum	
Drilling Measured From	From Kelly Bushing	K.B. 1349 D.F. 1342 G.L. 1342	
Date	7/12/2014		
Run Number	One		
Depth Driller	3190		
Depth Logger	3190		
Bottom Logged Interval	3189		
Top Log Interval	200		
Casing Driller	8.625 @ 221		
Casing Logger	220		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	1,000		
Density / Viscosity	9.0 37		
pH / Fluid Loss	9.5 10.8		
Source of Sample	Flowline		
Rm @ Meas. Temp	.9 @ 72		
Rmf @ Meas. Temp	.68 @ 72		
Rmc @ Meas. Temp	1.22 @ 72		
Source of Rmf / Rmc	Charts		
Rm @ BHT	.6 @ 108		
Operating Rig Time	4 1/2 Hours		
Max Rec. Temp. F	108		
Equipment Number	17		
Location	Hays		
Recorded By	C. Desaire		
Witnessed By	Tom Blair	Mike Pressnall	

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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

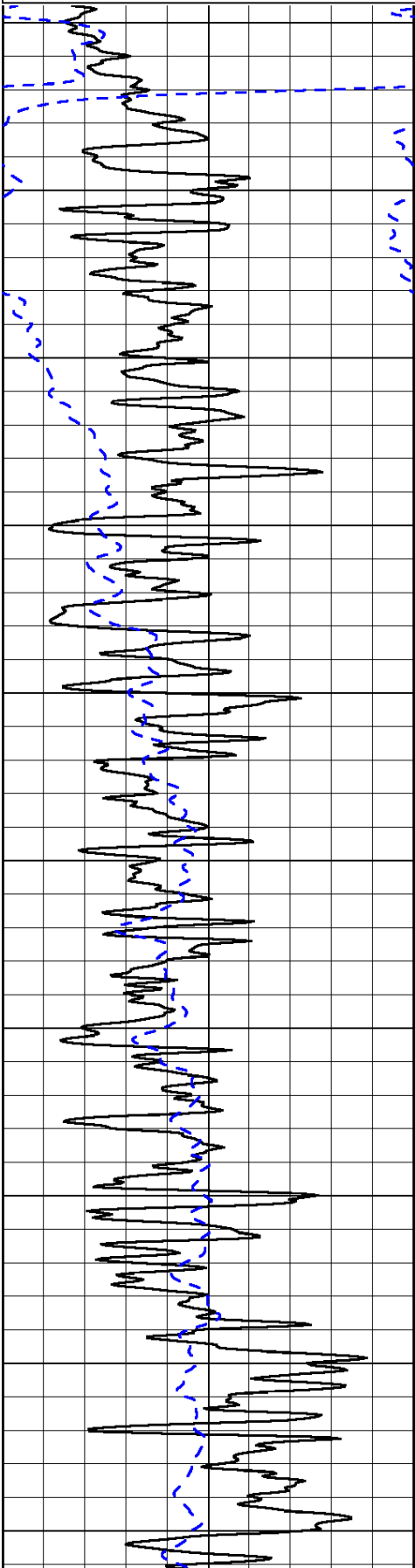
Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858

Rock KS, 6 E, S Into

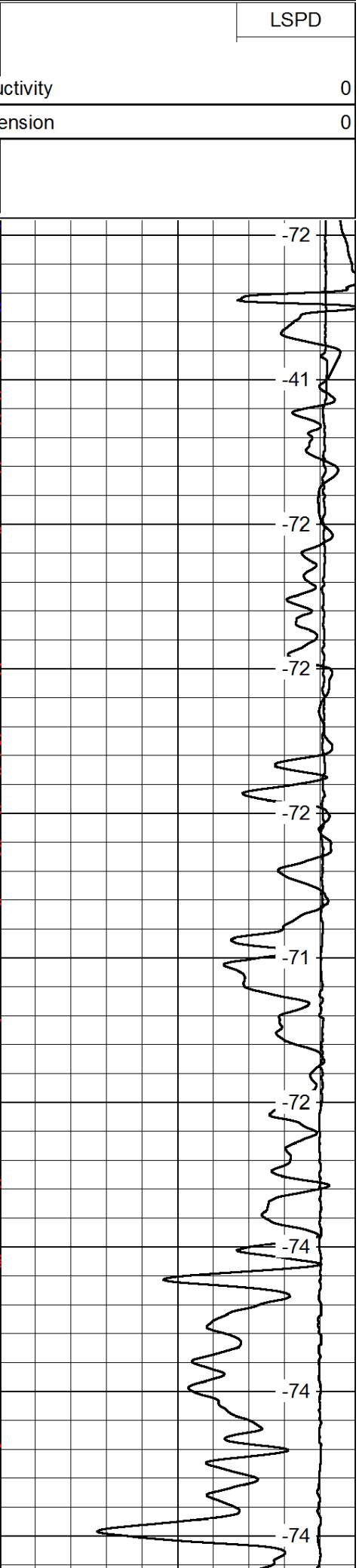
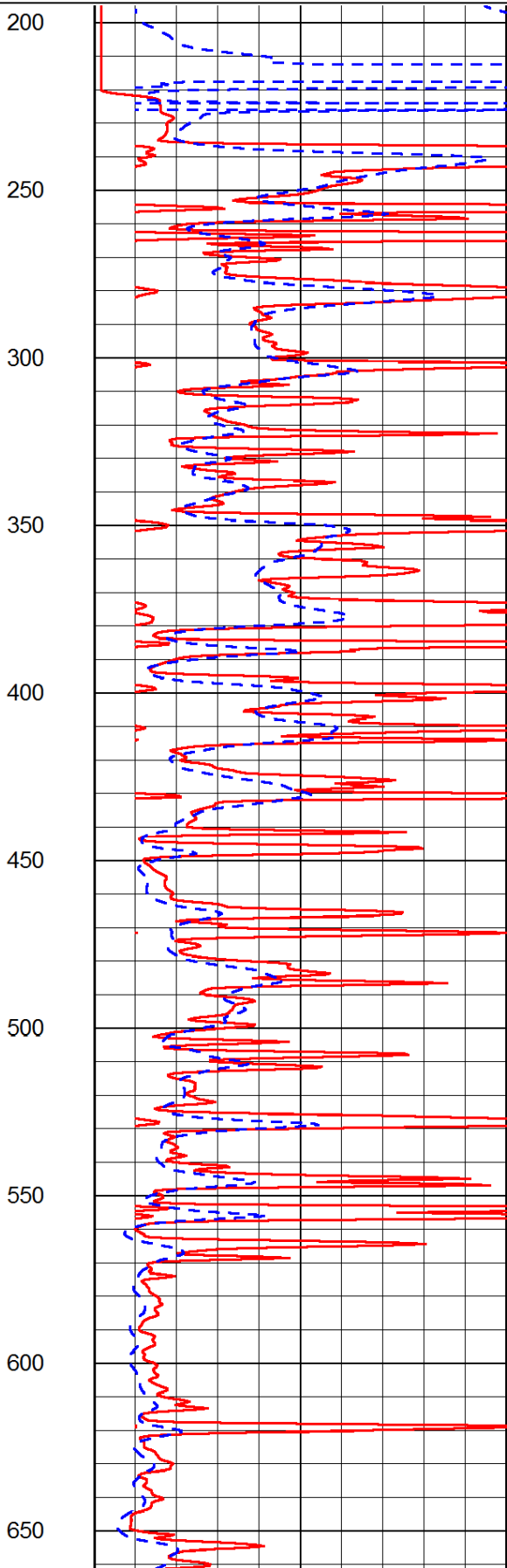
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Presentation Format: dil2in
Dataset Creation: Sat Jul 12 01:54:26 2014
Charted by: Depth in Feet scaled 1:600

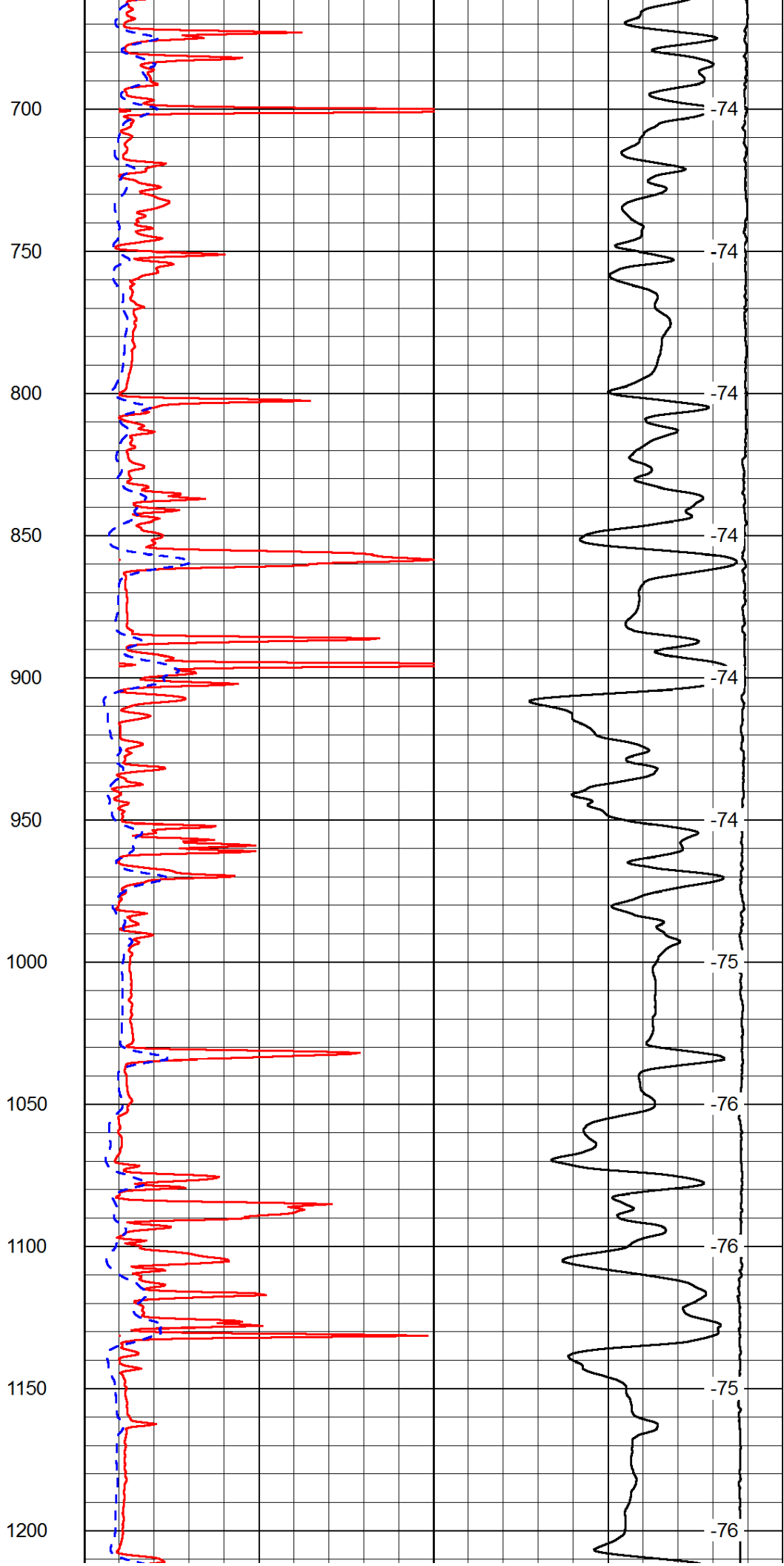
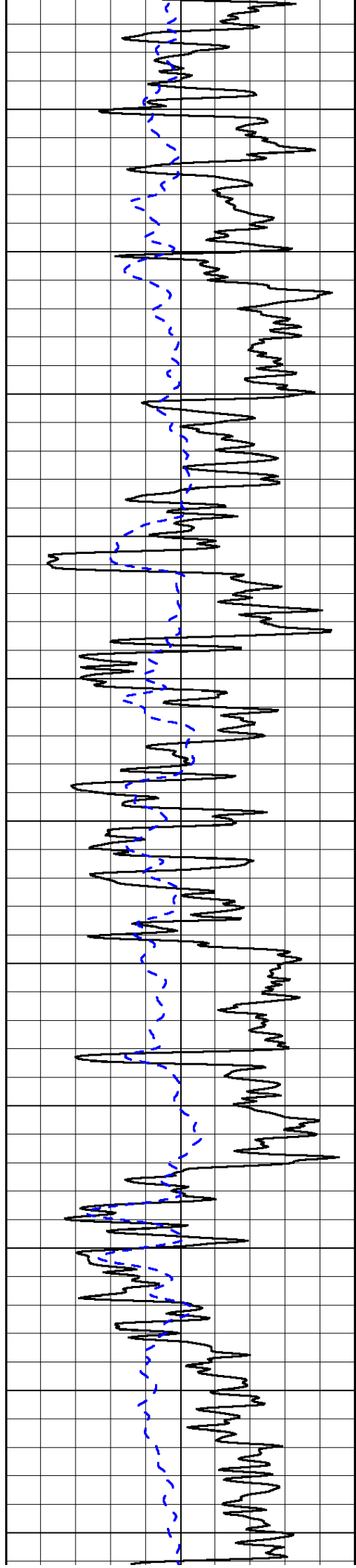
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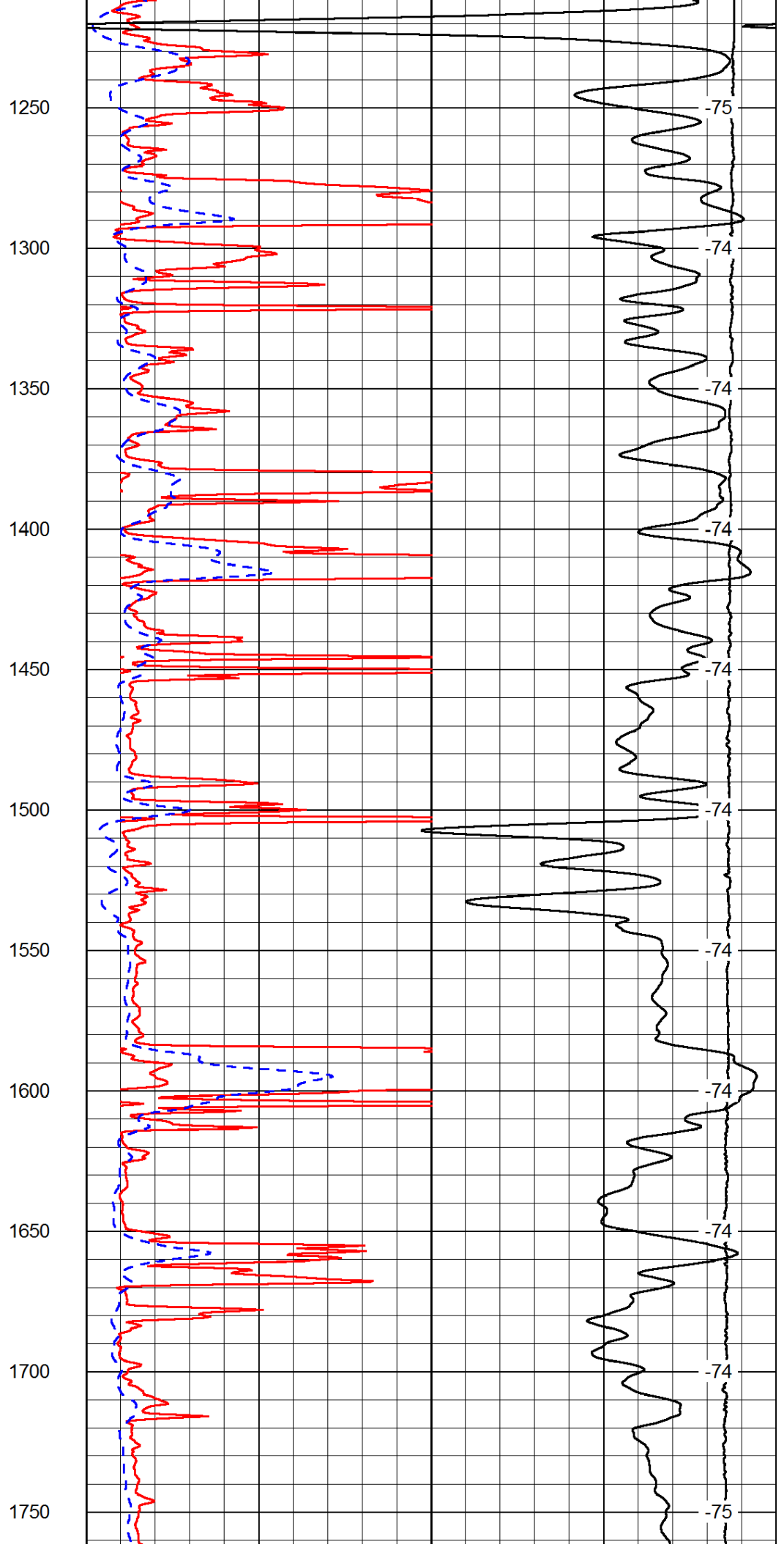
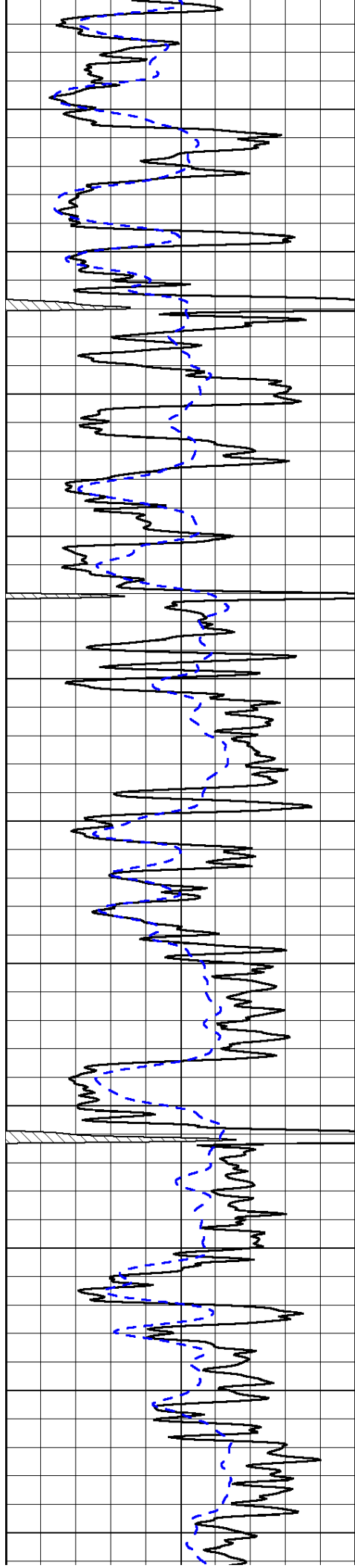
0	Gamma Ray	150
-200	SP (mV)	0

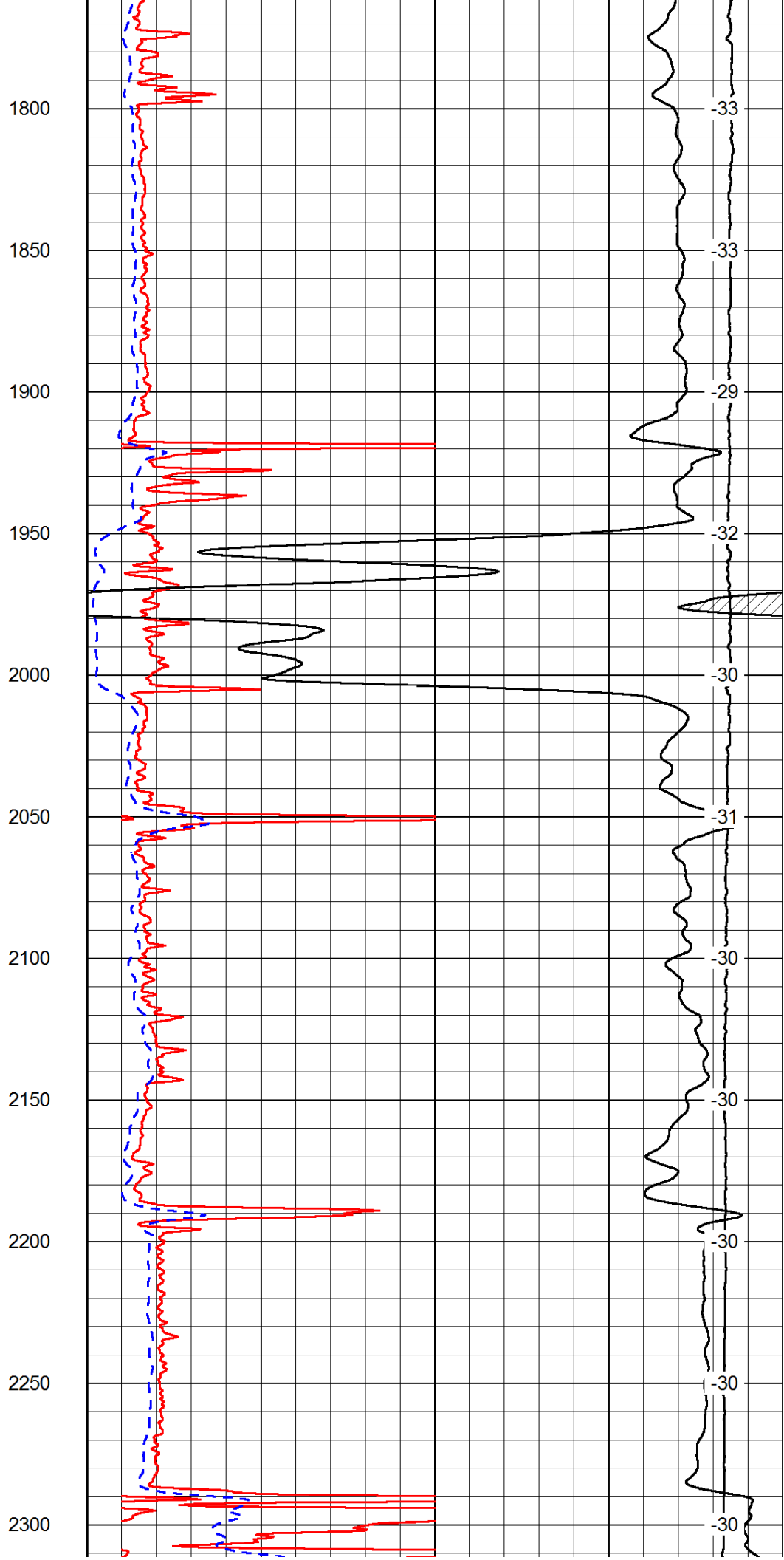
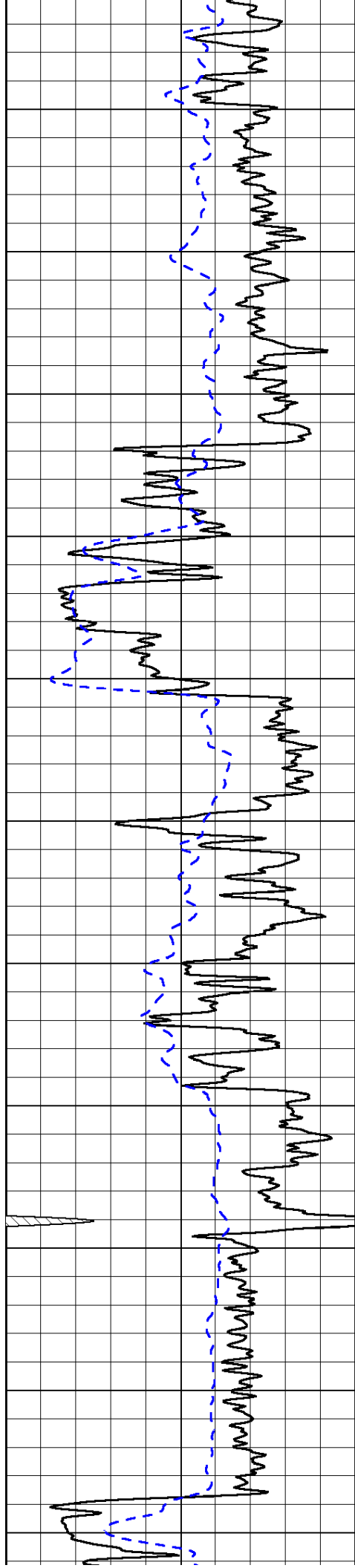


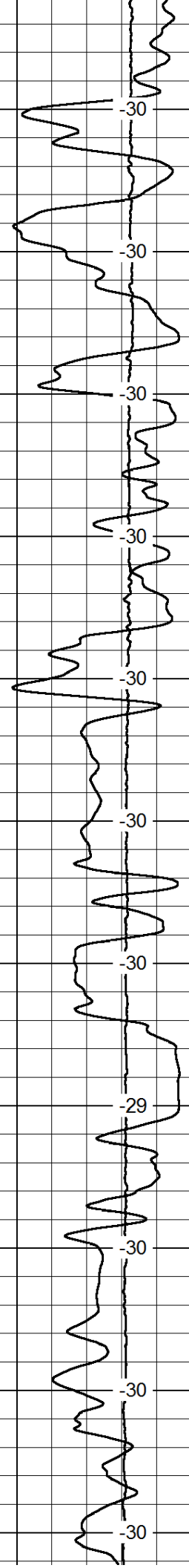
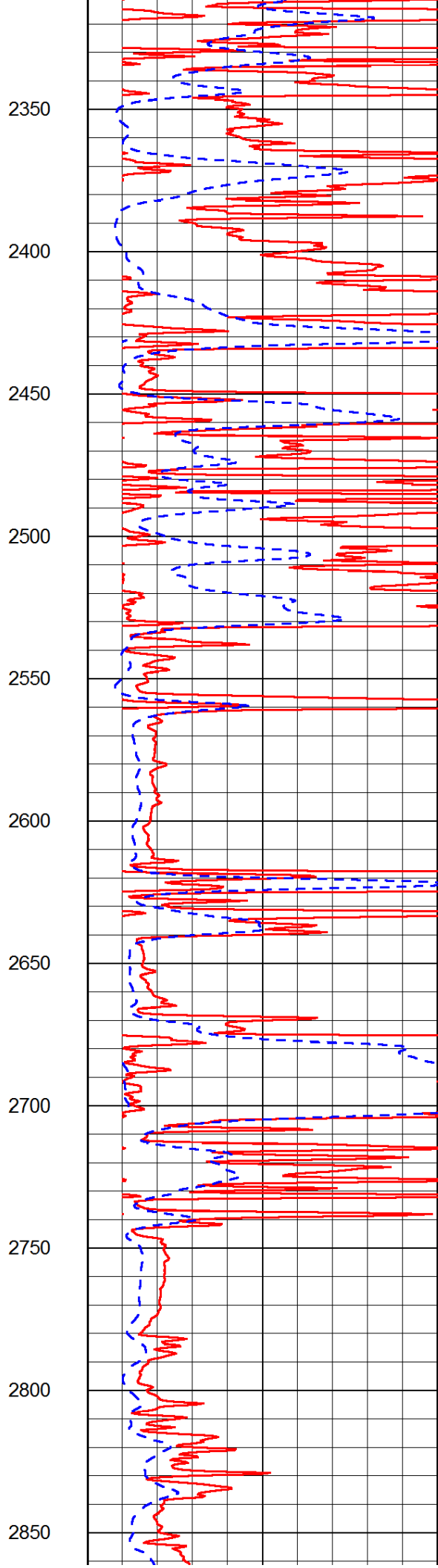
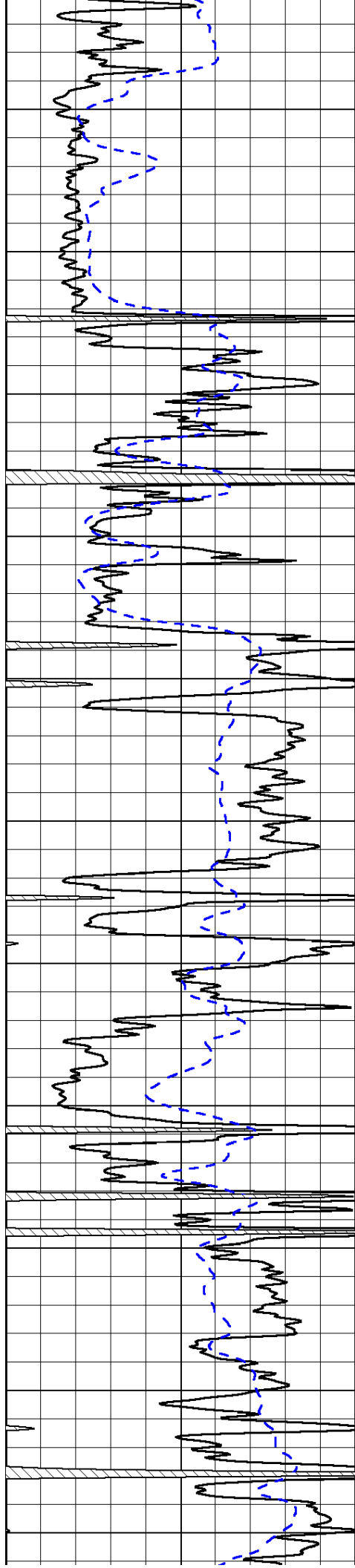
0	Shallow Resistivity	50
0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0
50	Shallow Resistivity	500
50	Deep Resistivity	500

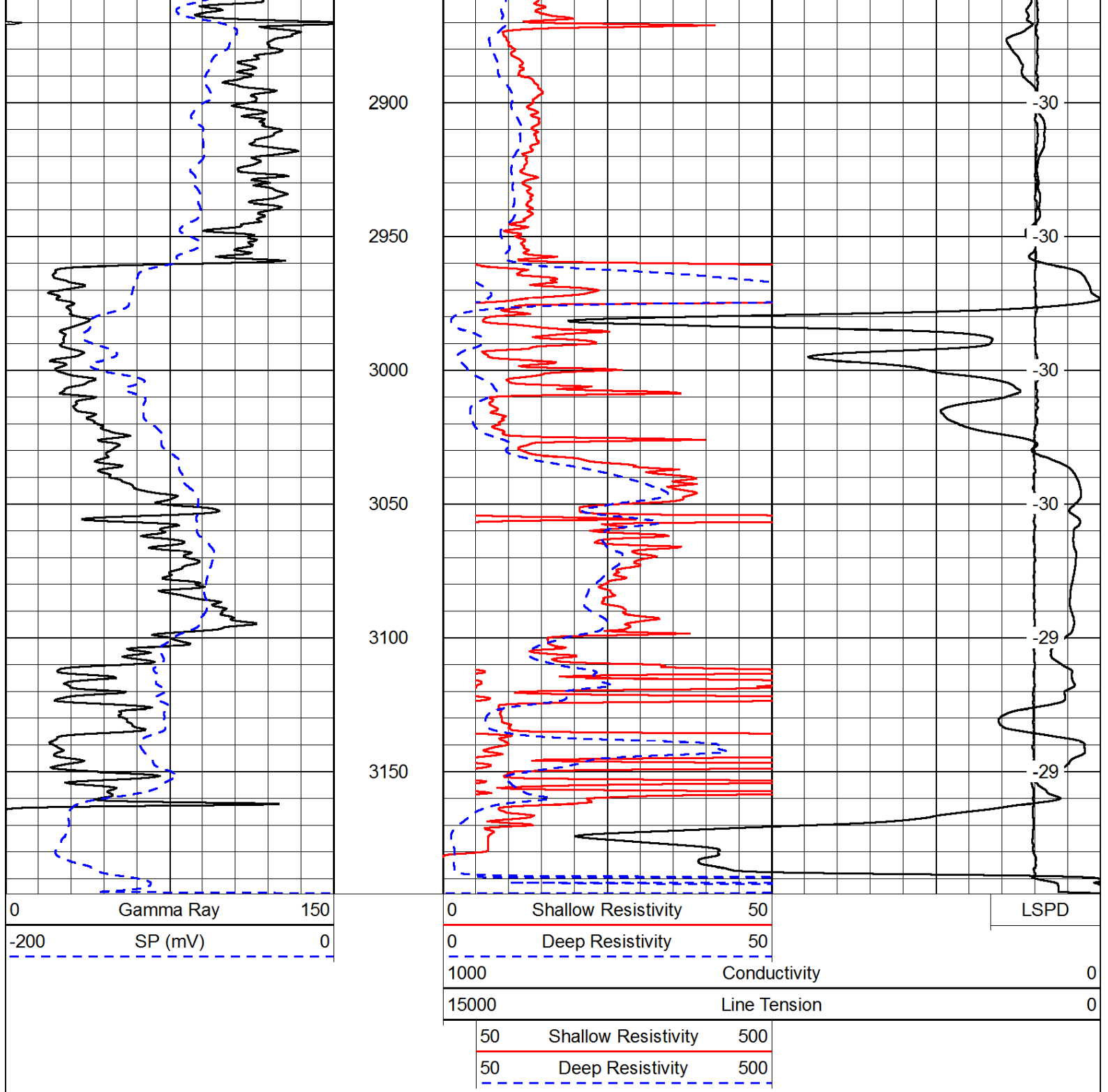




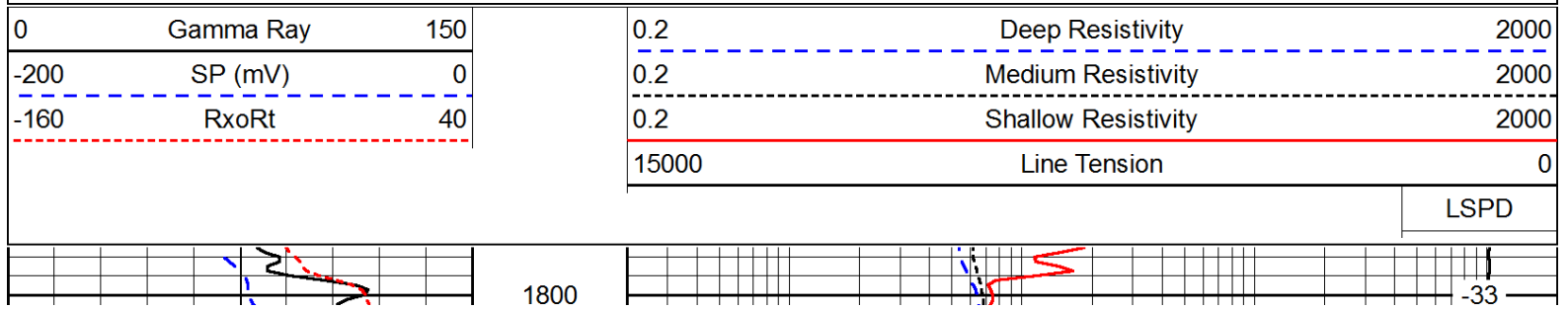


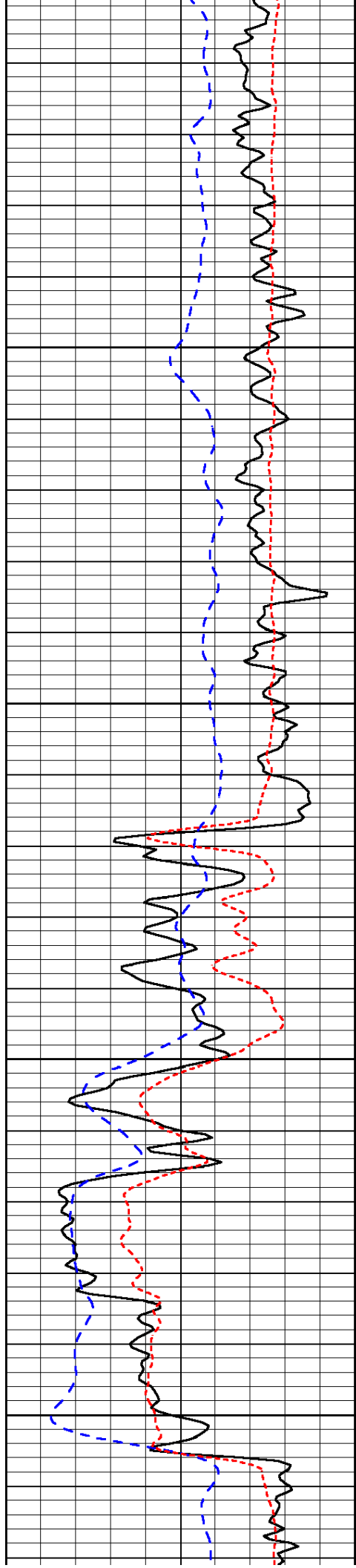






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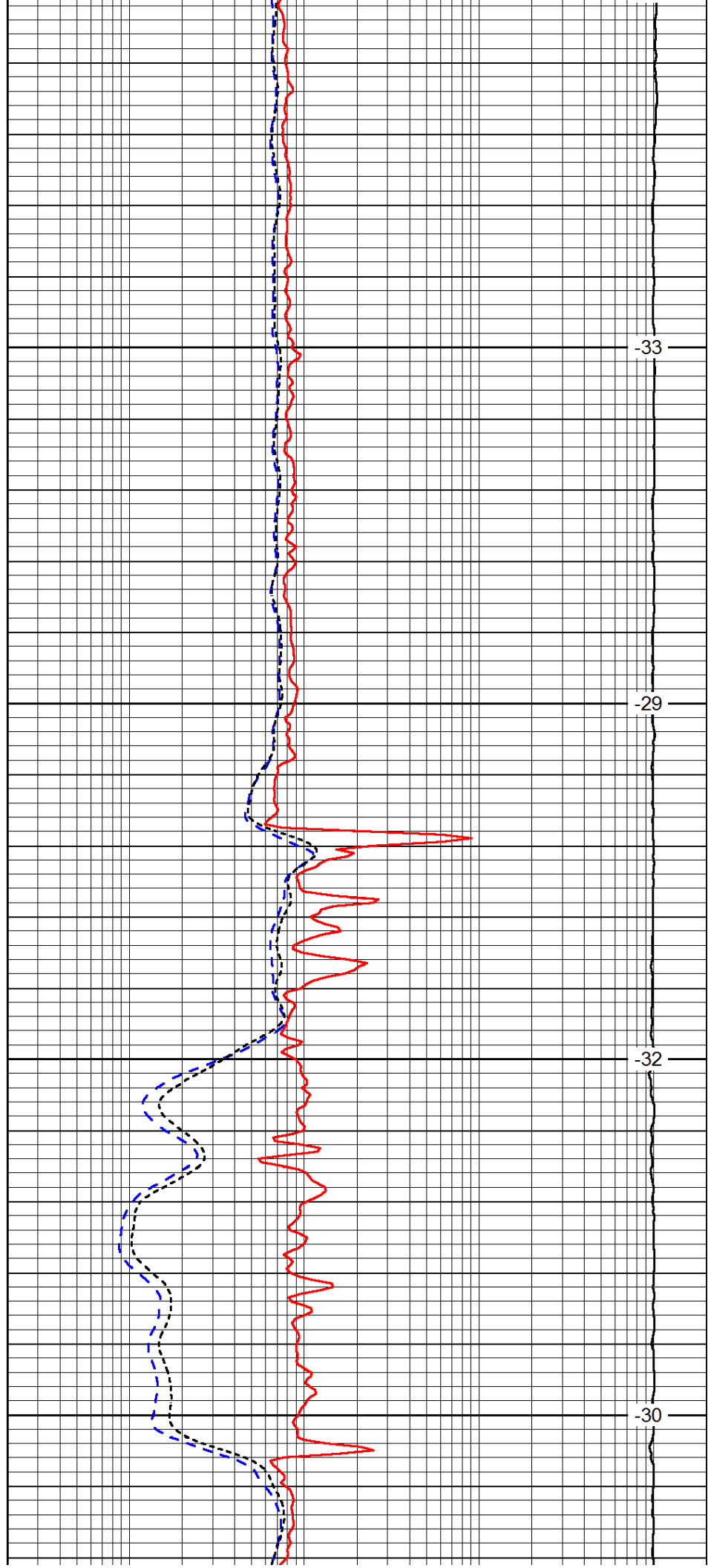


1850

1900

1950

2000

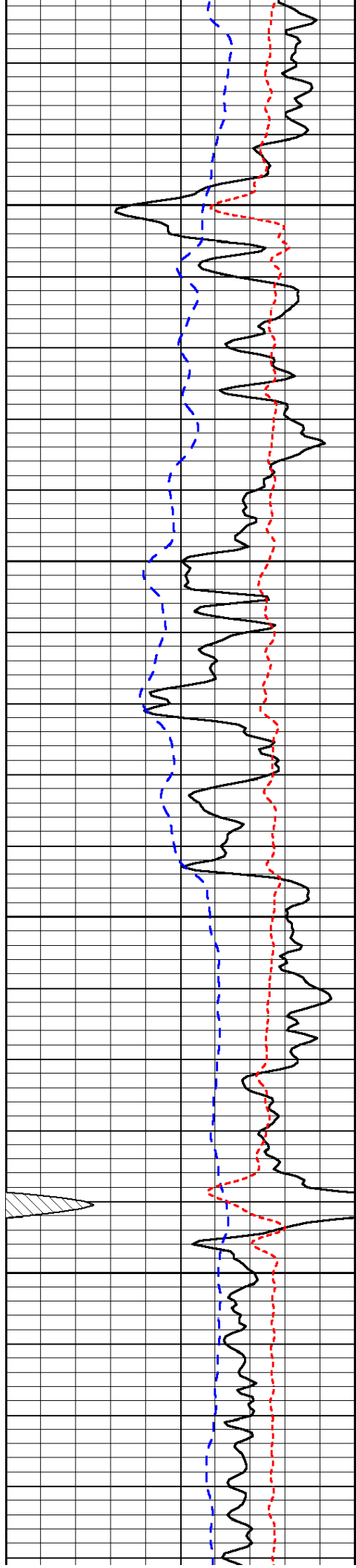


-33

-29

-32

-30

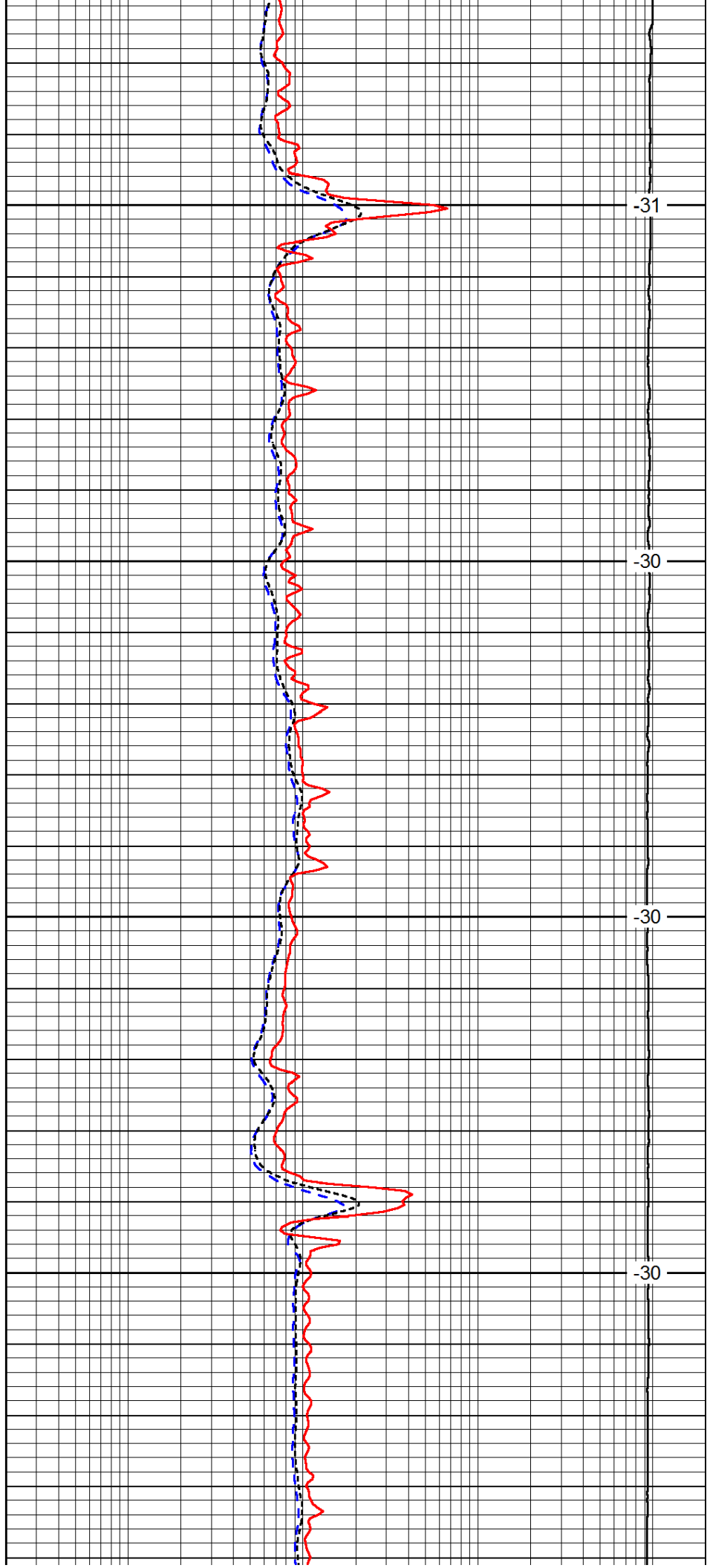


2050

2100

2150

2200

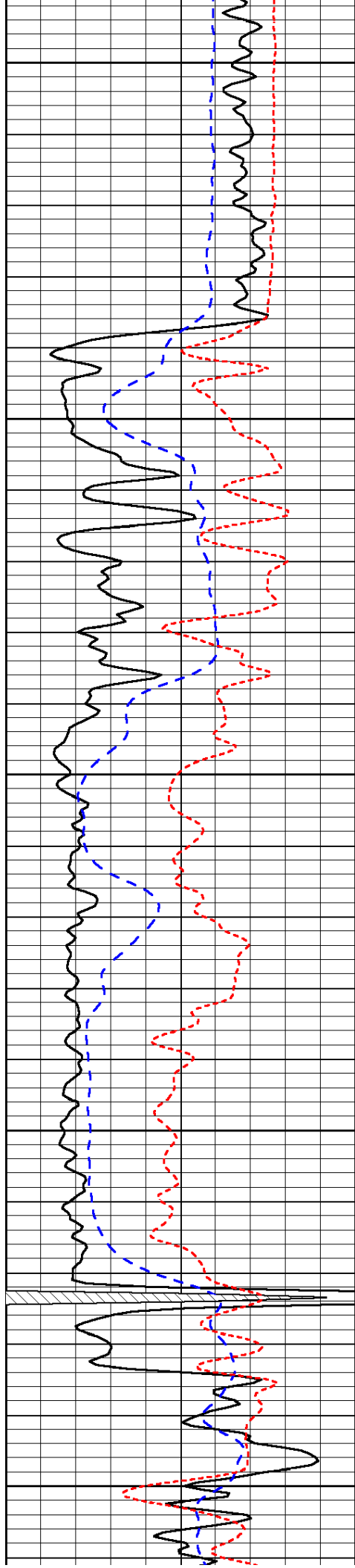


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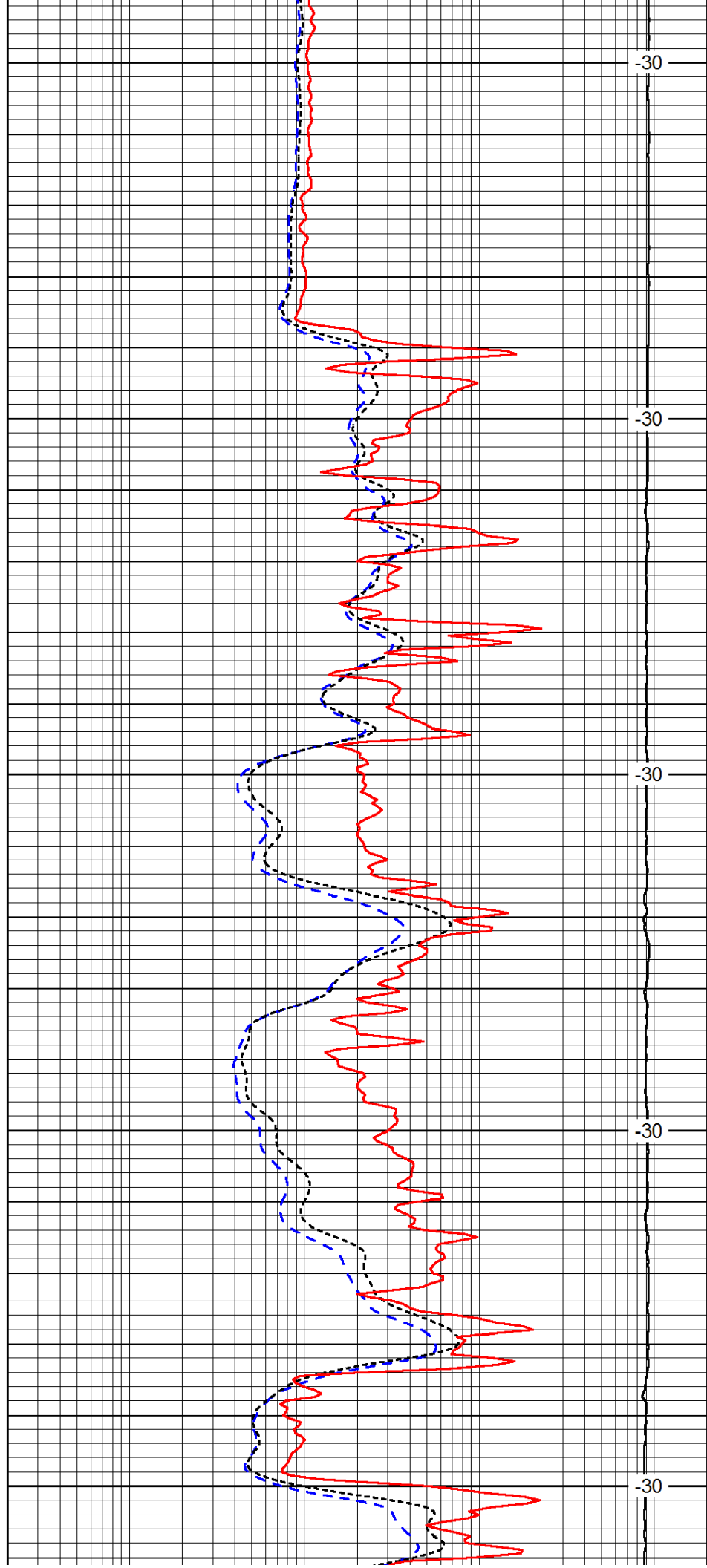
2250

2300

2350

2400

2450



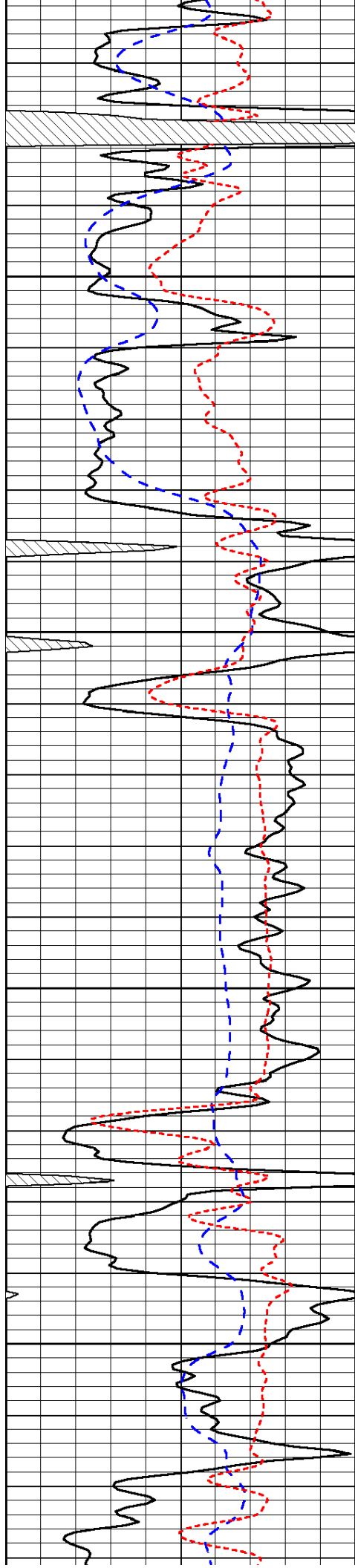
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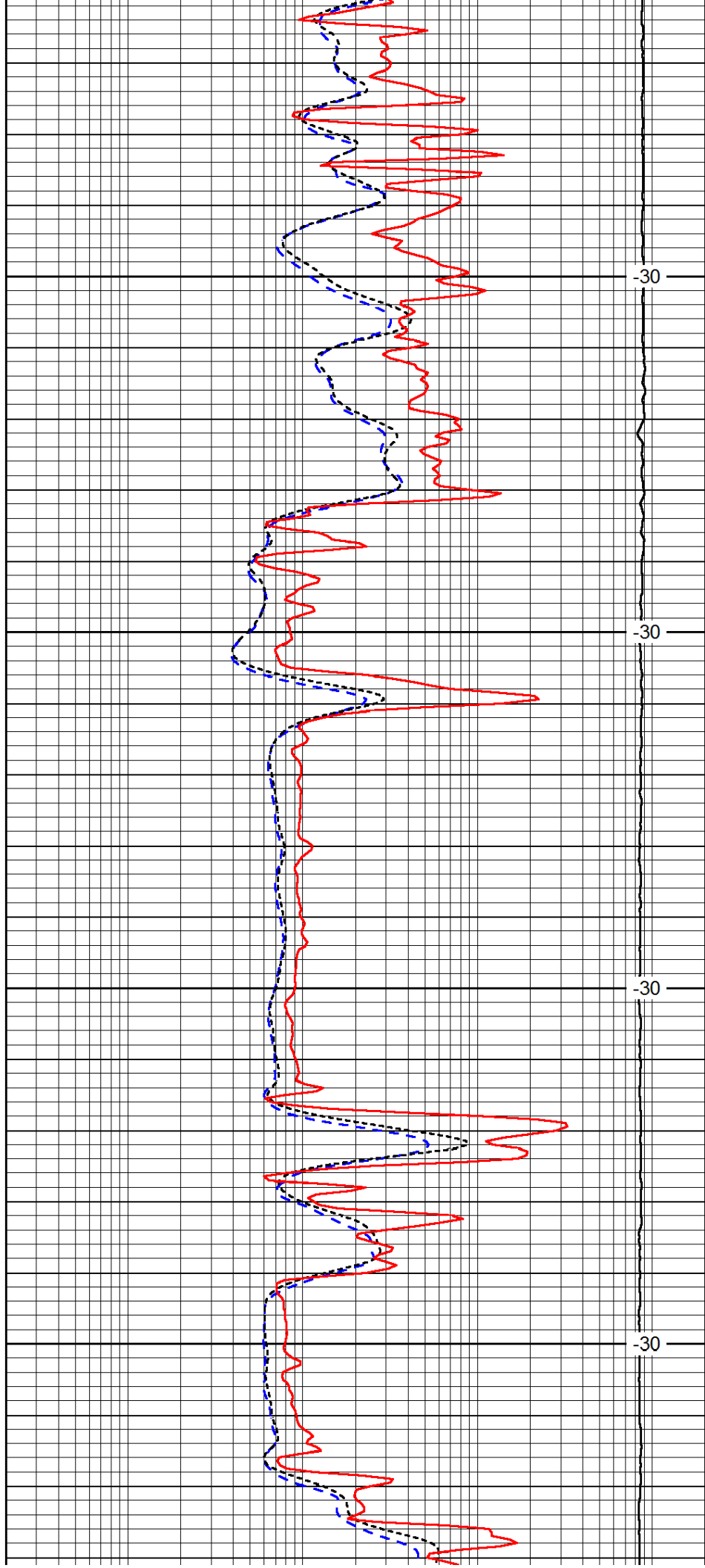


2500

2550

2600

2650

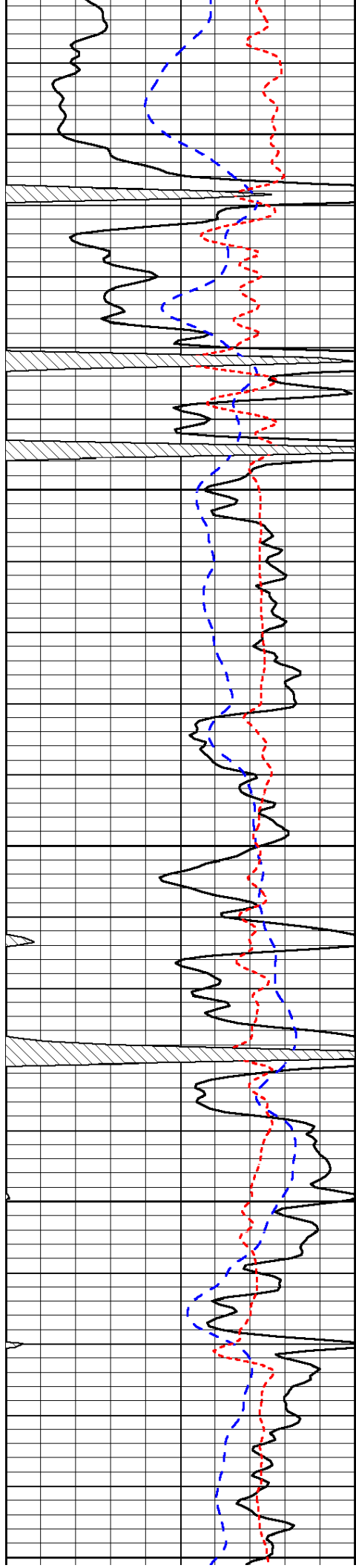


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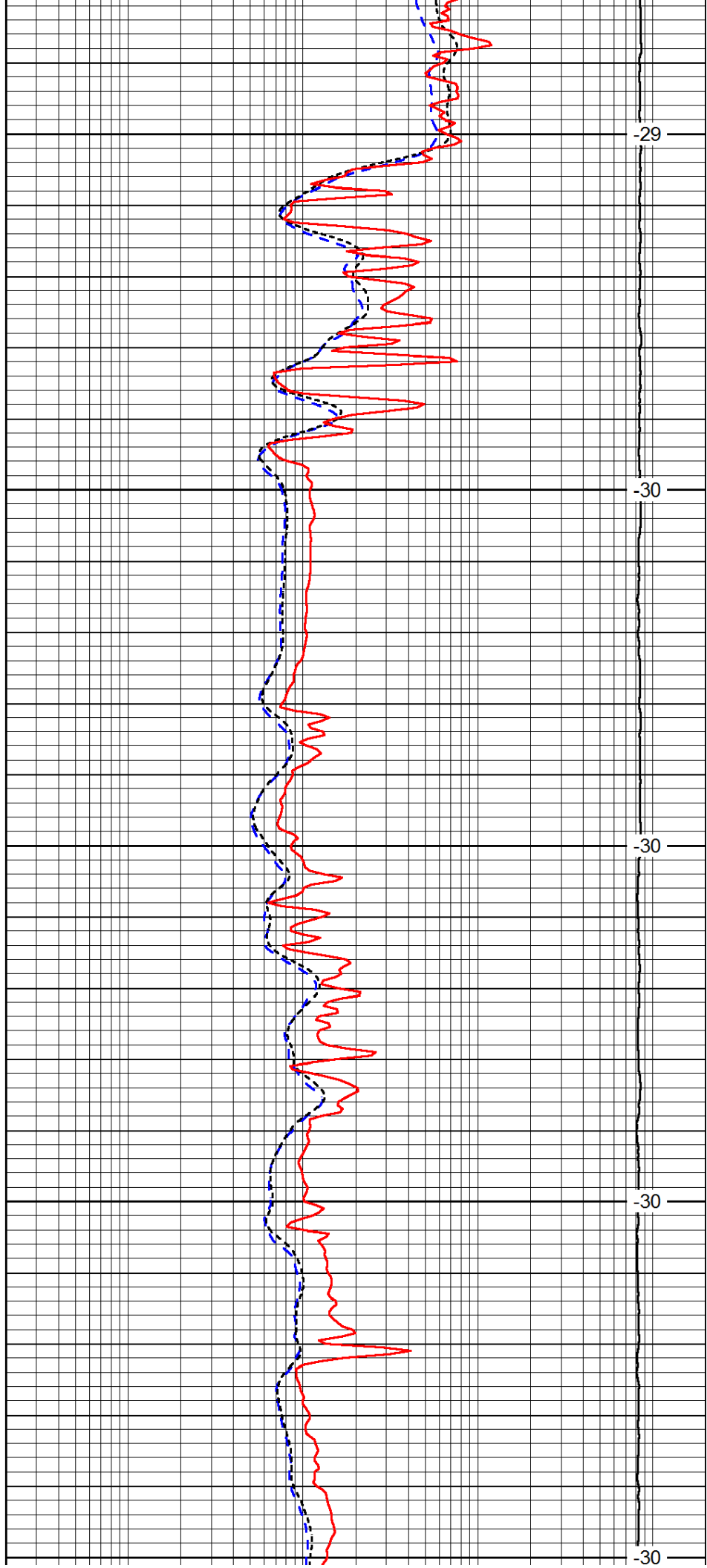
2700

2750

2800

2850

2900



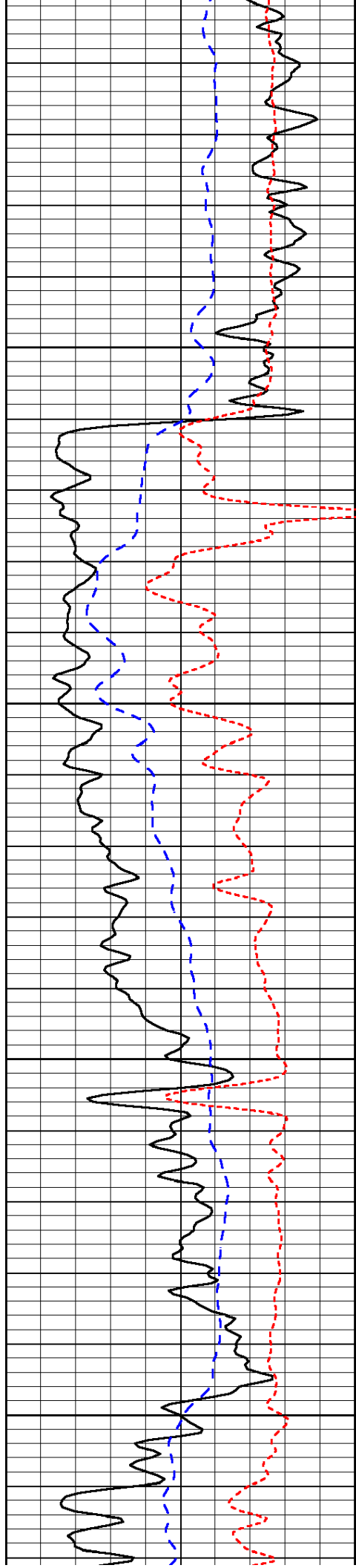
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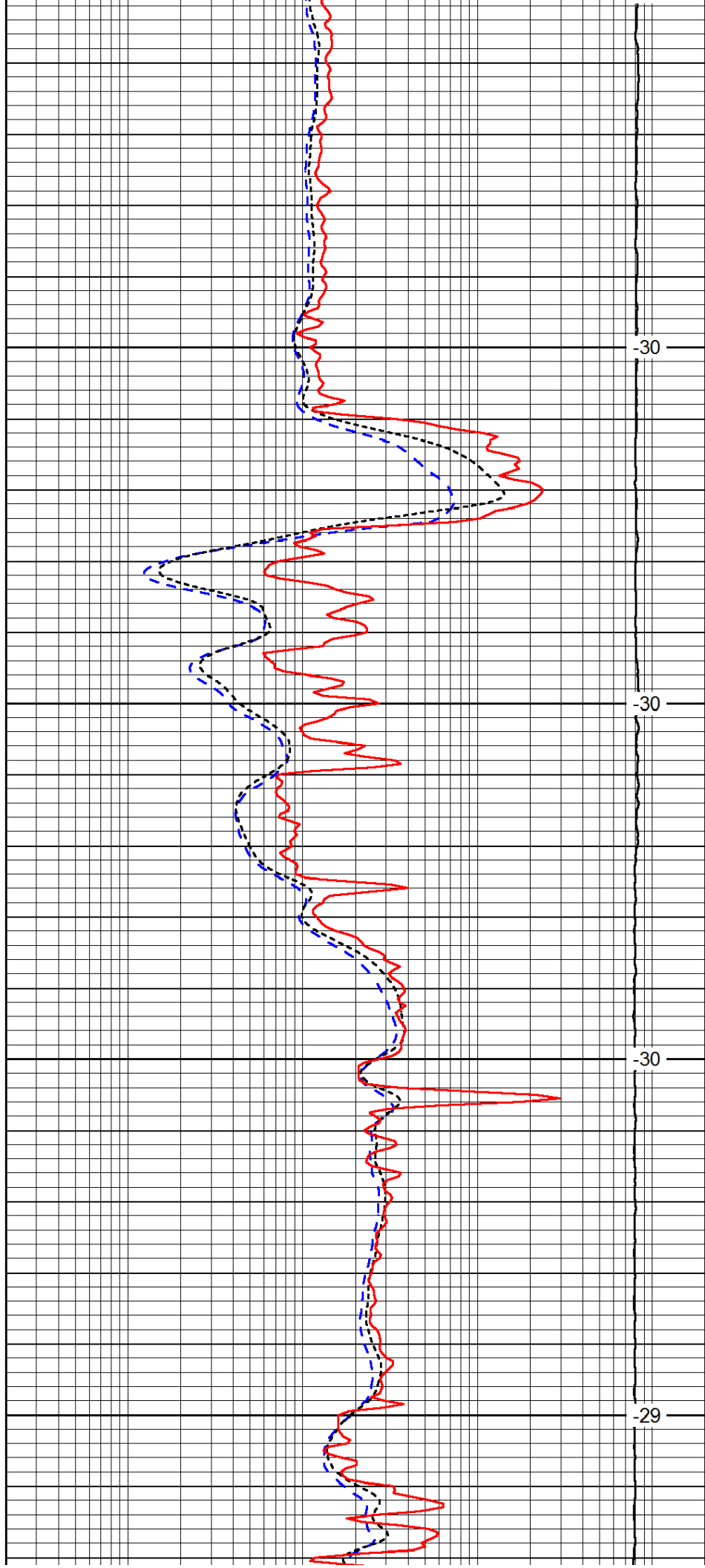


2950

3000

3050

3100

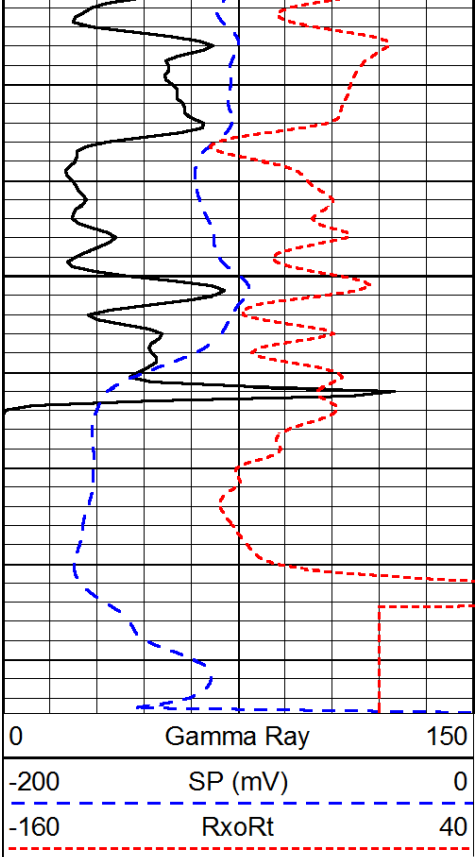


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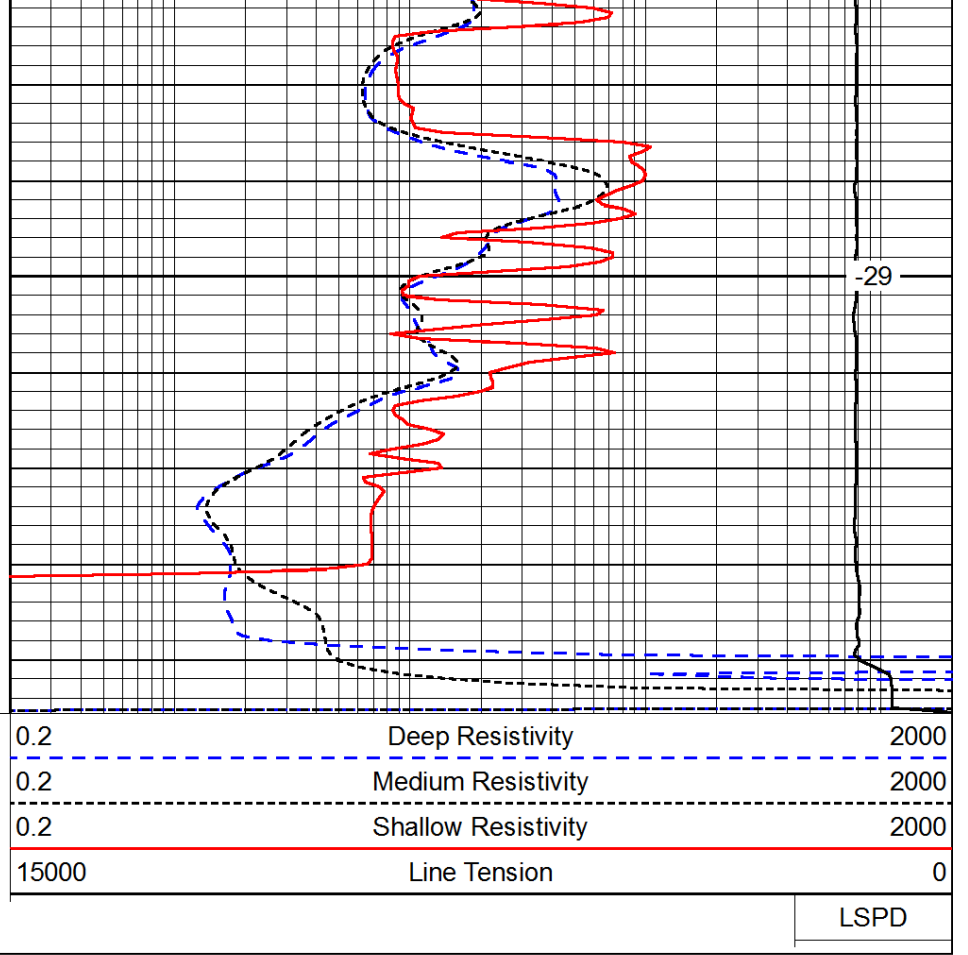
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-30

-29



3150



LSPD