



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.	15-137-20,494-00-00	
Company	Clipper Energy, LLC	
Well	Mulder No 2	
Field	Ray W	
County	Norton	State Kansas
Location	990' FSL & 1650' FEL	
Sec: 27	Twp: 5 S	Rge: 21 W
Other Services	CNL/CDL MEL	
Elevation	K.B. 2207 D.F. 2199 G.L. 2199	

Permanent Datum	Ground Level	Elevation 2199
Log Measured From	Kelly Bushing	8 Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing	
Date	11/6/2008	
Run Number	One	
Depth Driller	3680	
Depth Logger	3696	
Bottom Logged Interval	3695	
Top Log Interval	200	
Casing Driller	8.625 @ 220	
Casing Logger	217	
Bit Size	7.785	
Type Fluid in Hole	Chemical	
Salinity, ppm CL	900	
Density / Viscosity	9.3	57
pH / Fluid Loss	11.0	8.0
Source of Sample	Flowline	
Rm @ Meas. Temp	2.10 @ 60	
Rmf @ Meas. Temp	1.58 @ 60	
Rmc @ Meas. Temp	2.84 @ 60	
Source of Rmf / Rmc	Charts	
Rm @ BHT	1.12 @ 113	
Operating Rig Time	4 Hours	
Max Rec. Temp. F	113	
Equipment Number	15	
Location	Hays	
Recorded By	B.Becker	
Witnessed By	Bill Robinson	

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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

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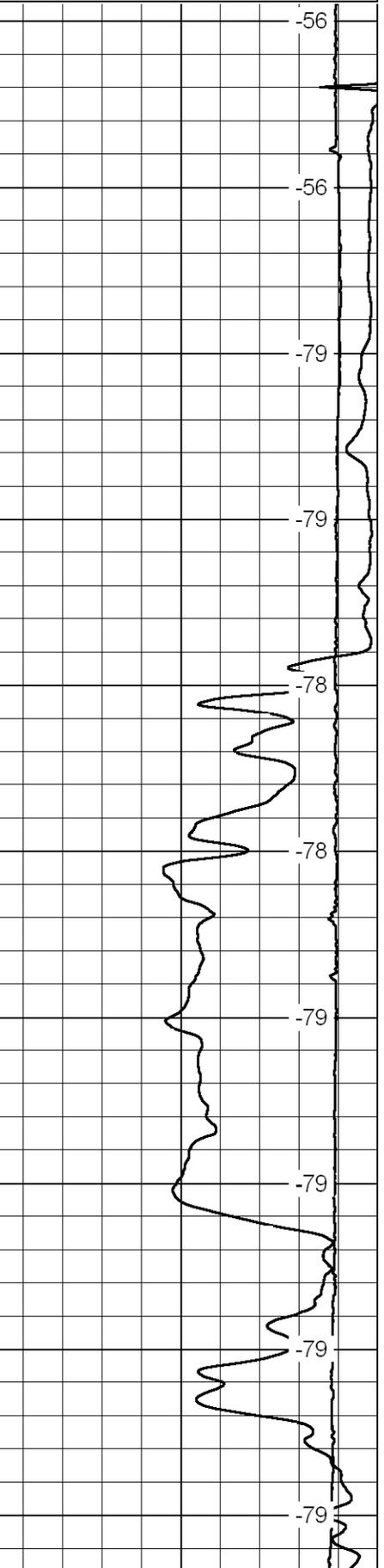
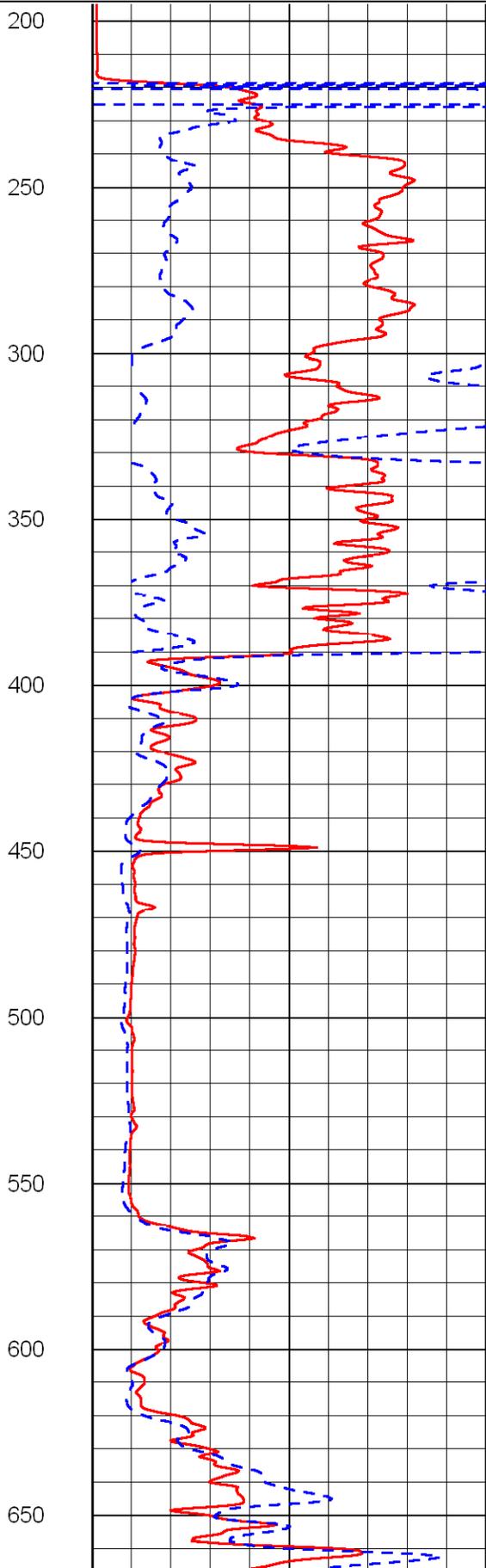
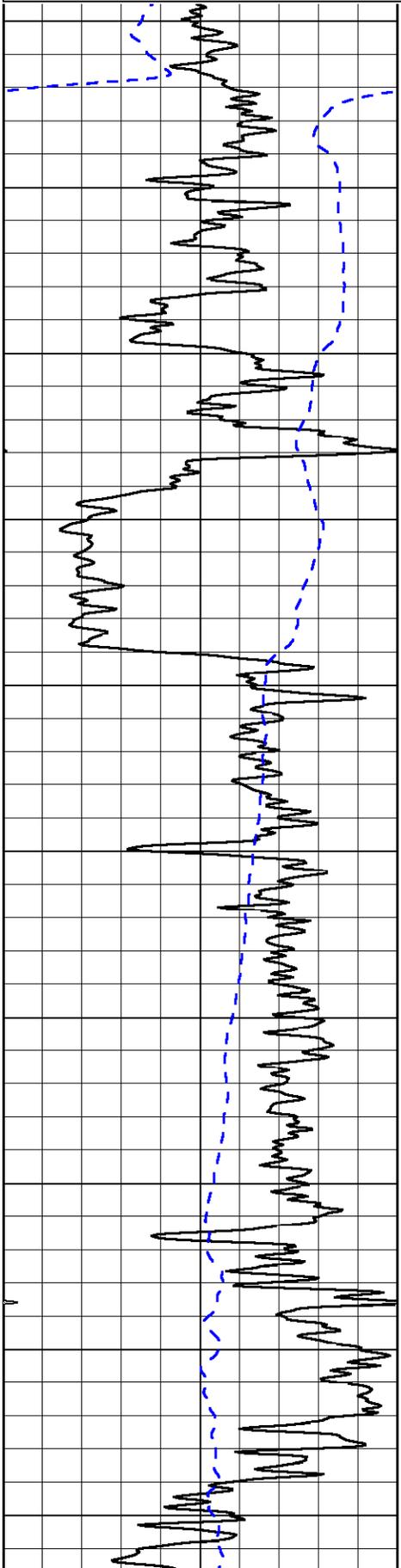
Logan, Ks; 5 South to West Day Dream Rd; 4.8 West;
North into then first West road in lease then NorthWest at pumpjack

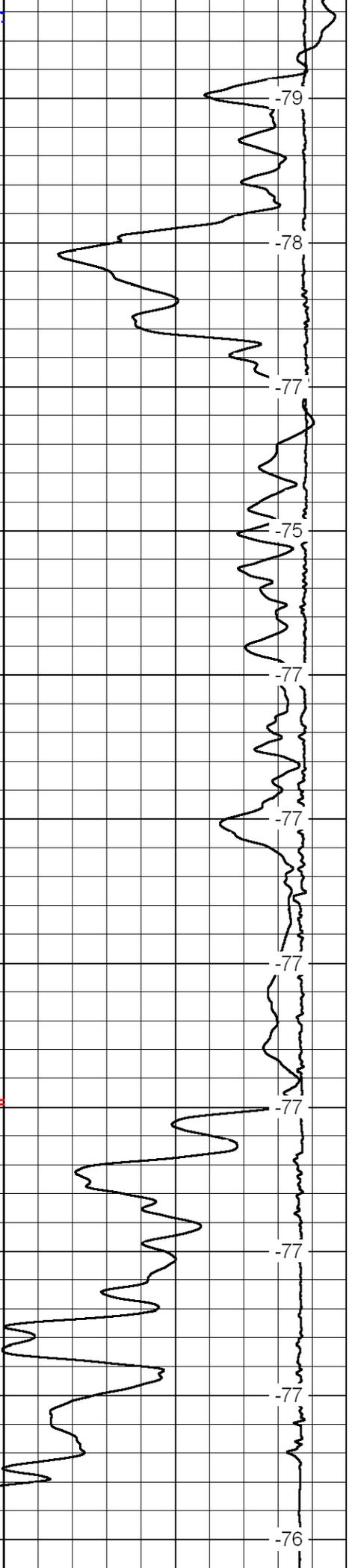
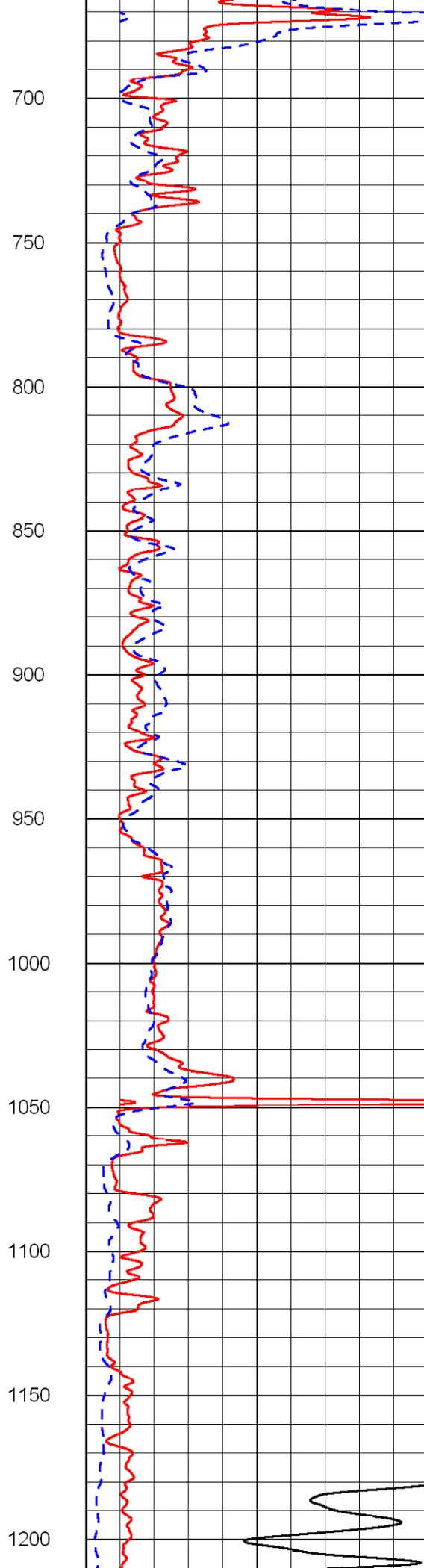
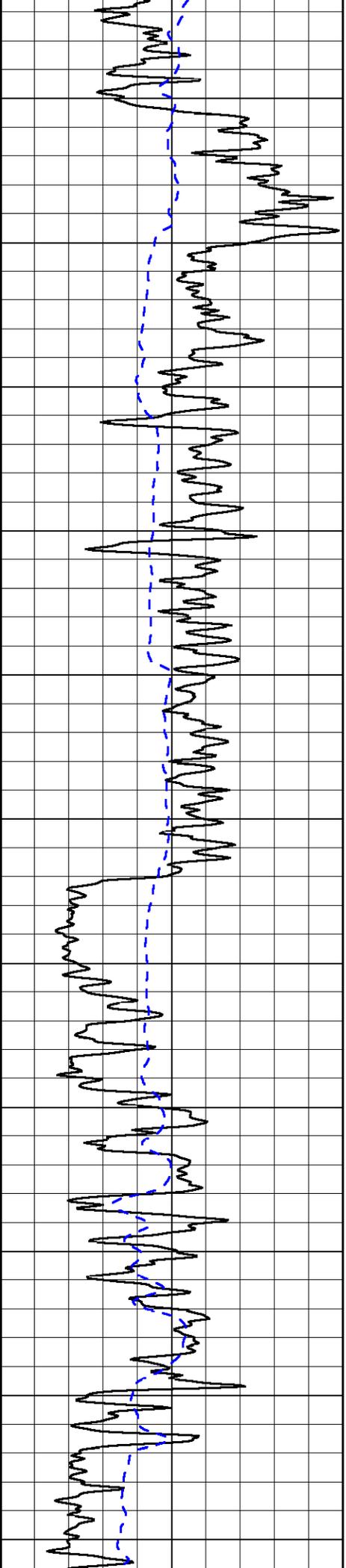
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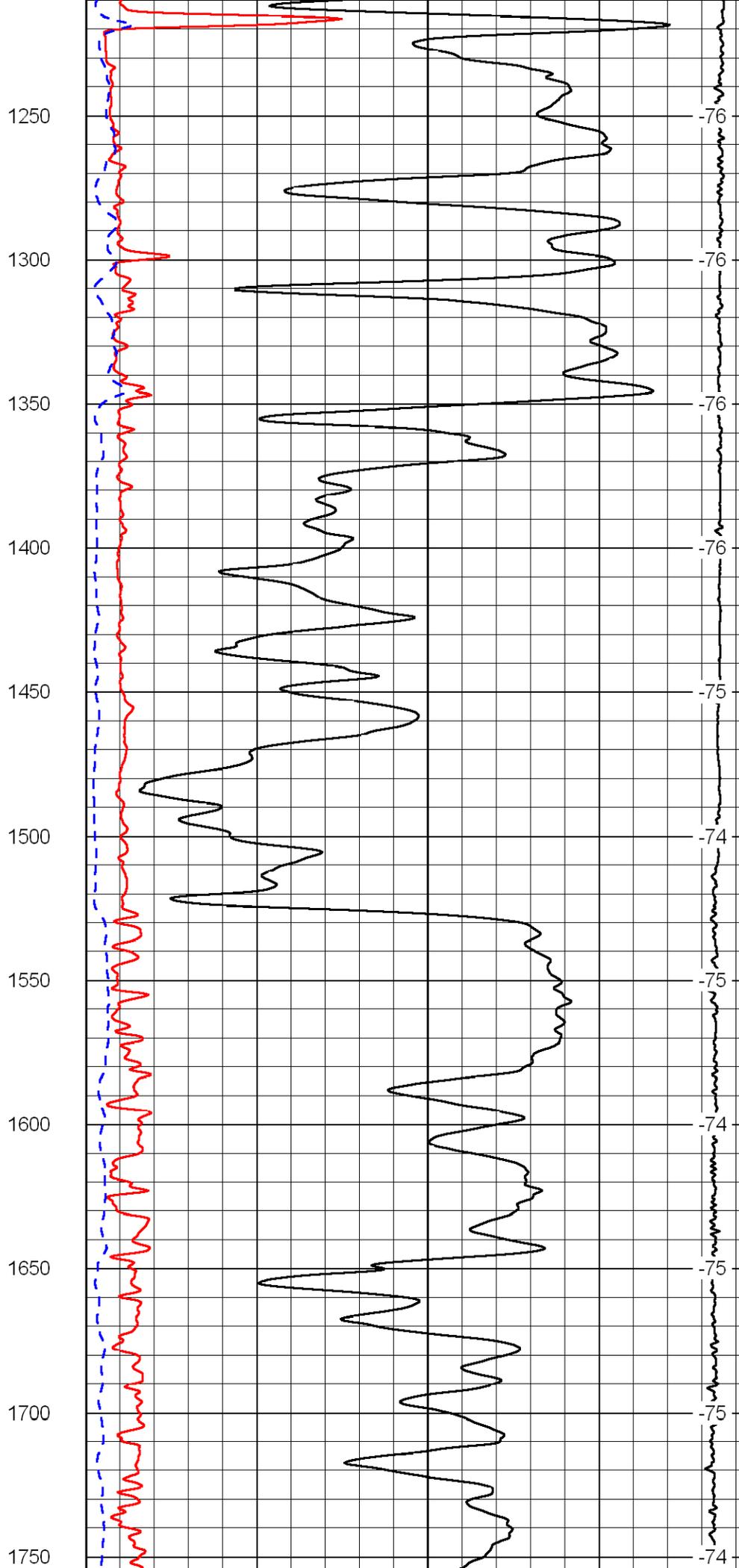
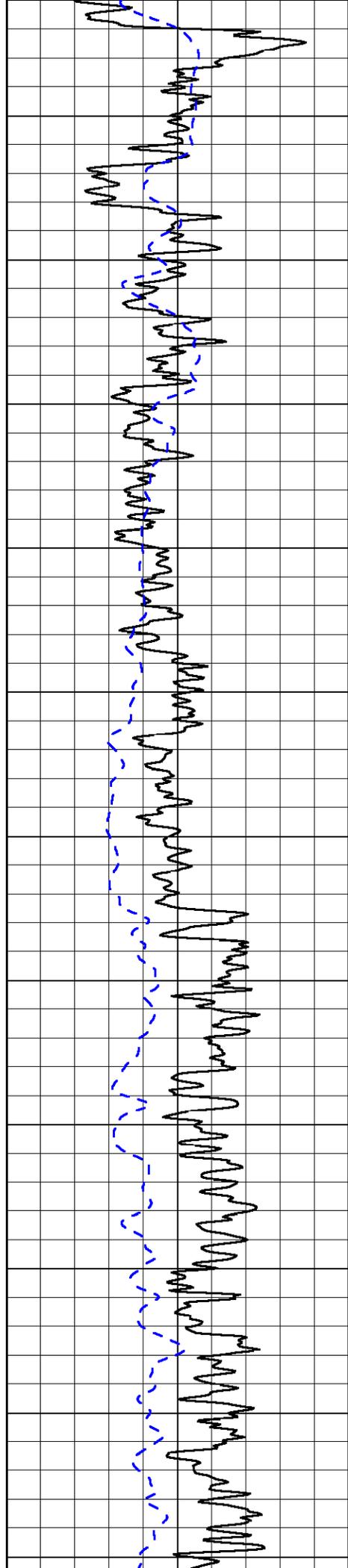
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-200	SP	0

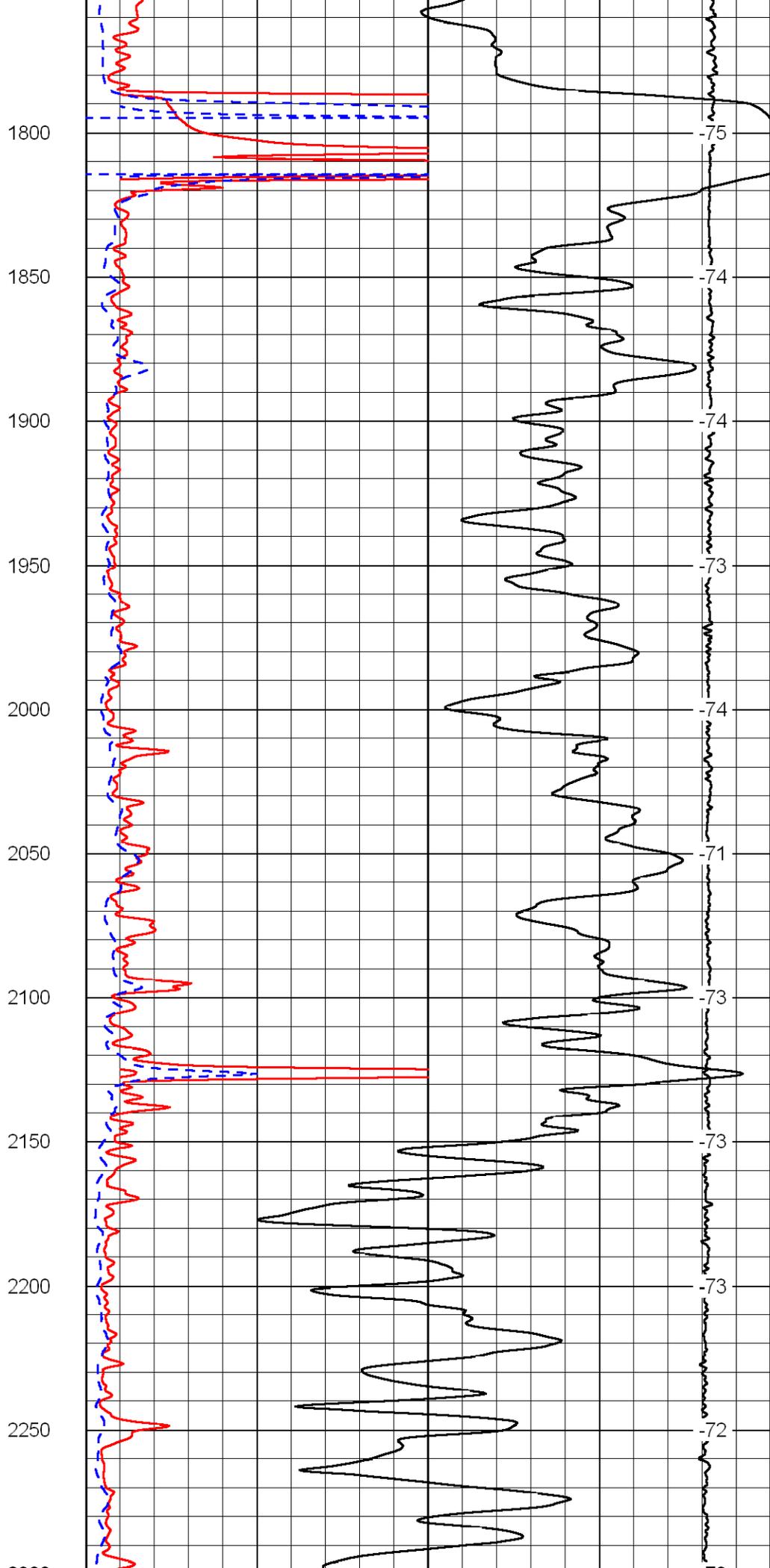
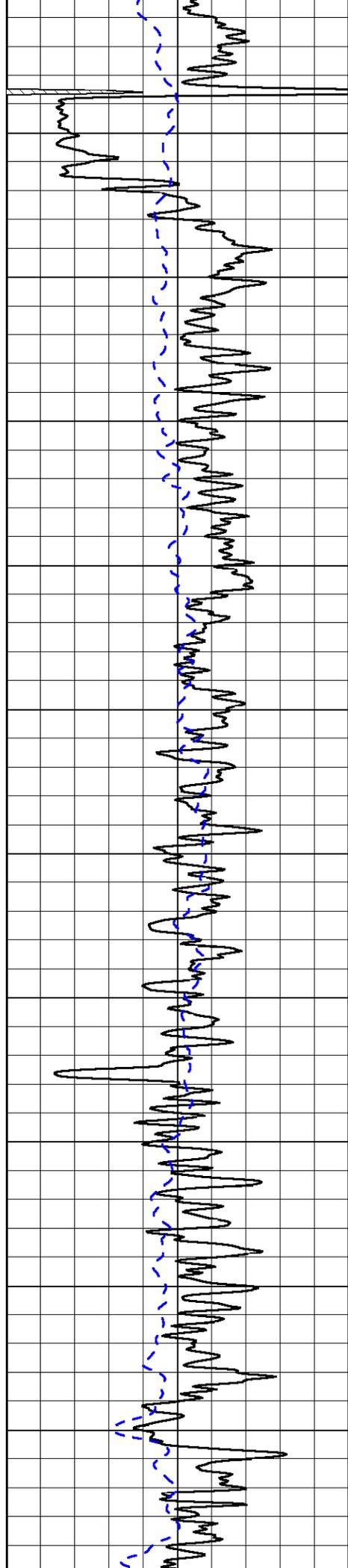
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0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0

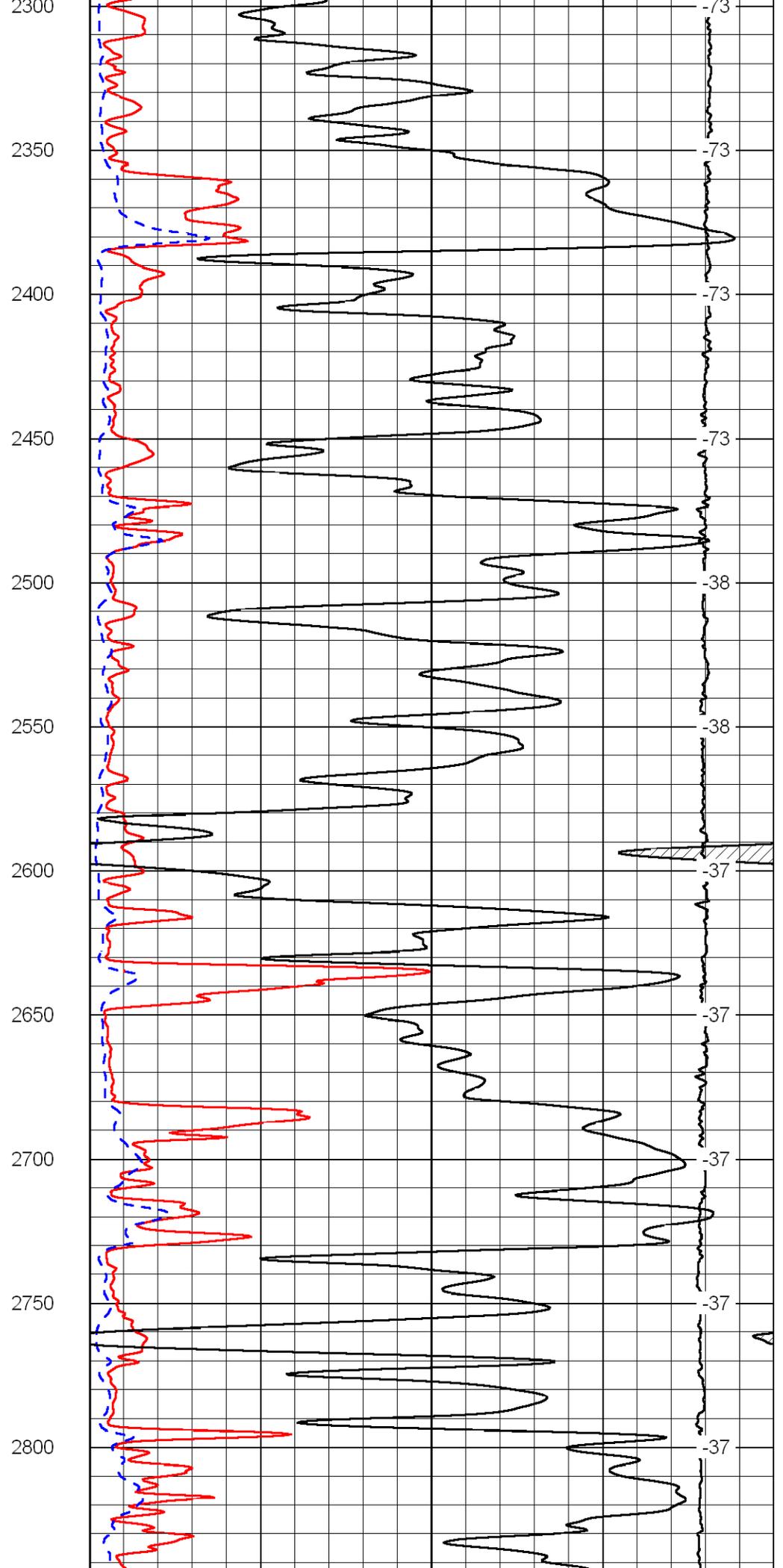
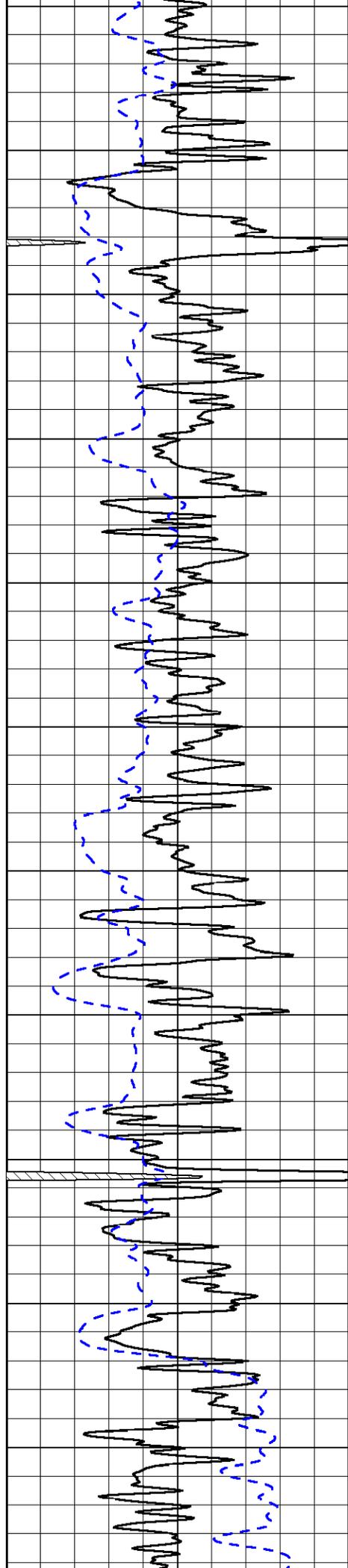
LSPD	0
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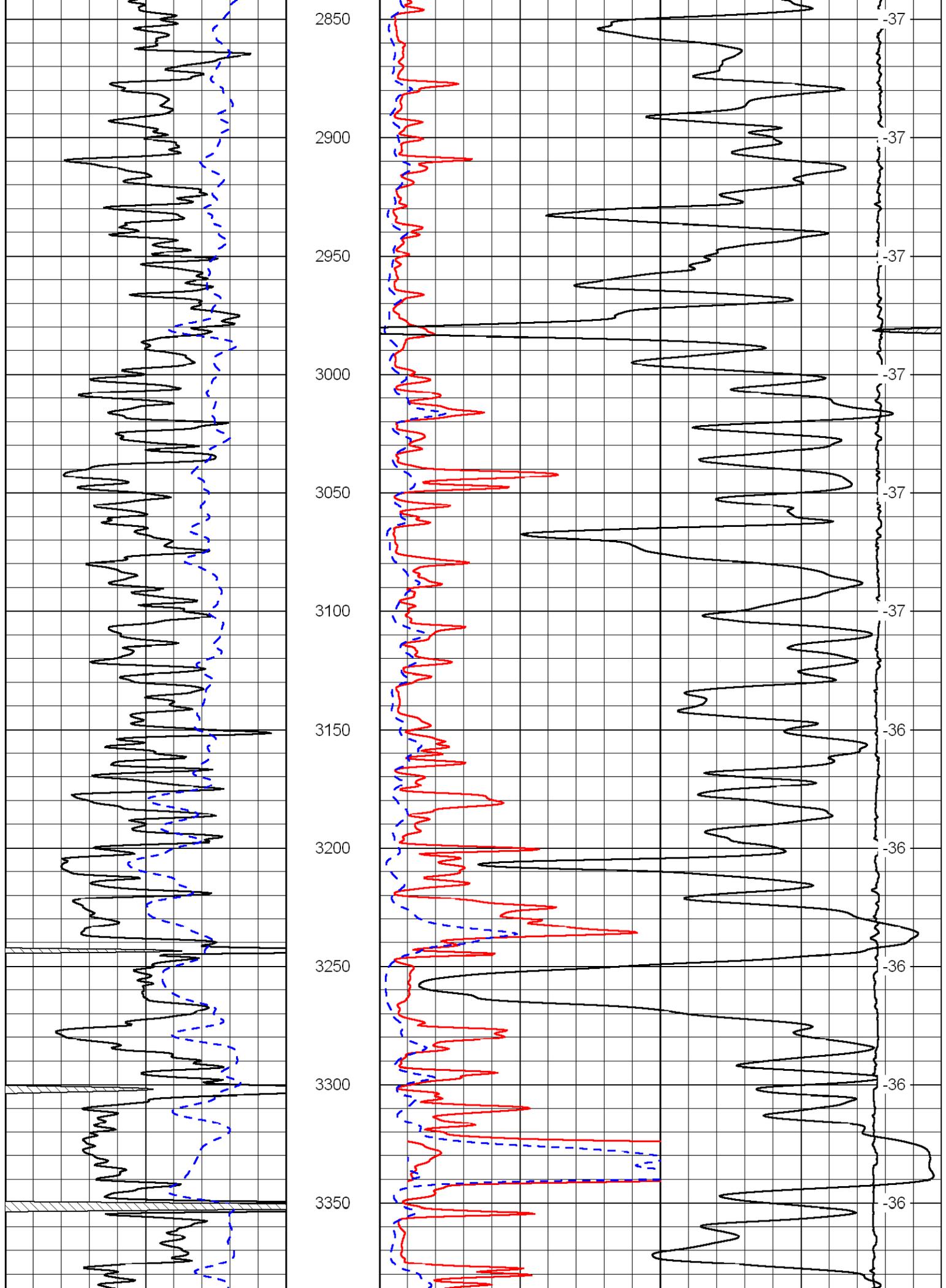


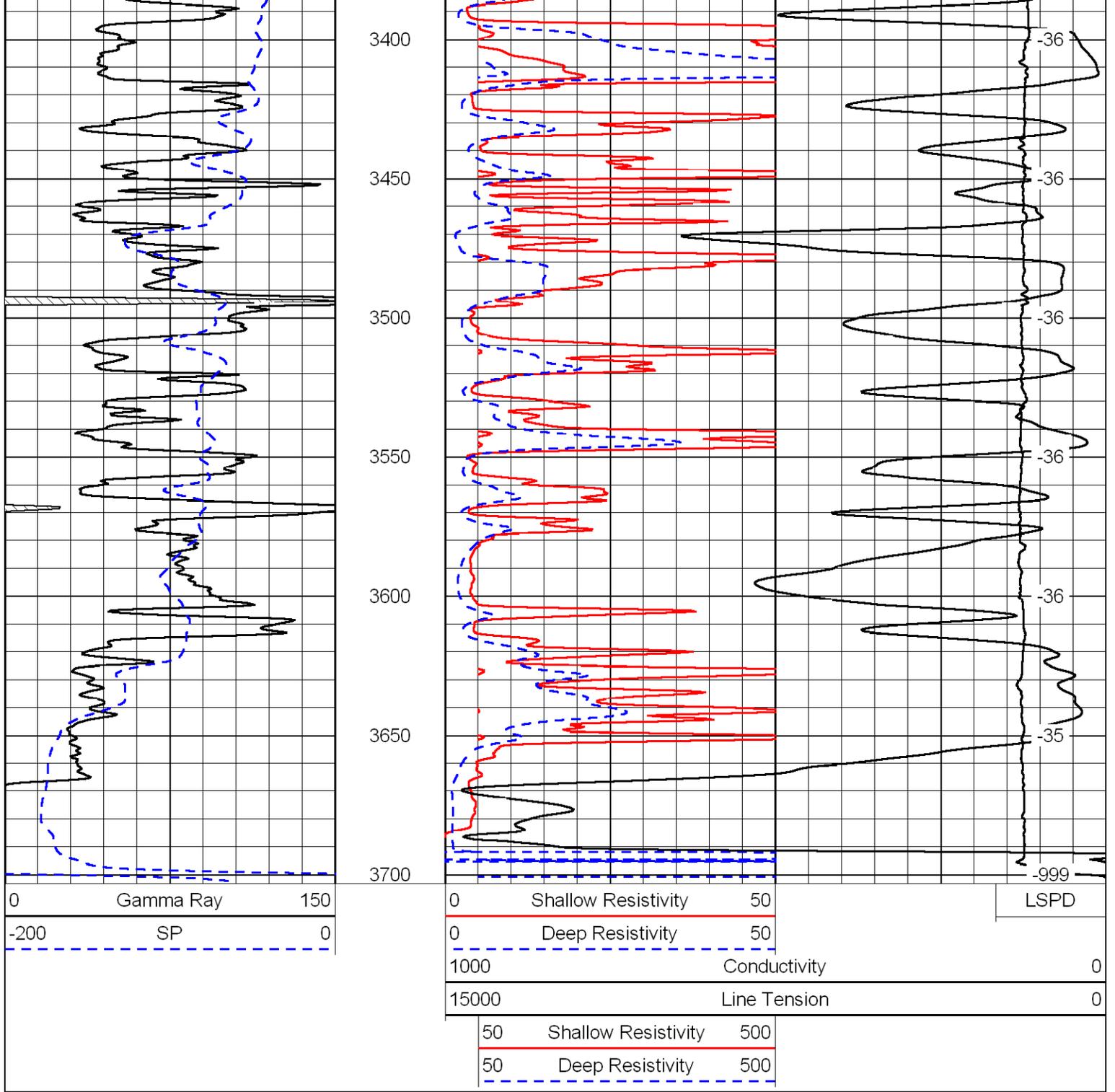




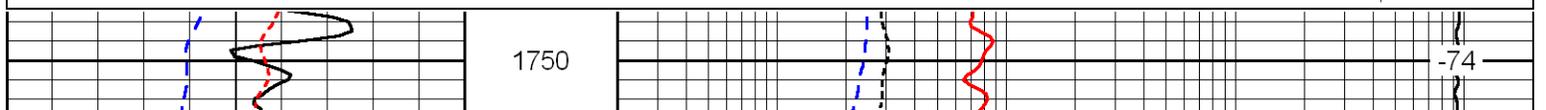
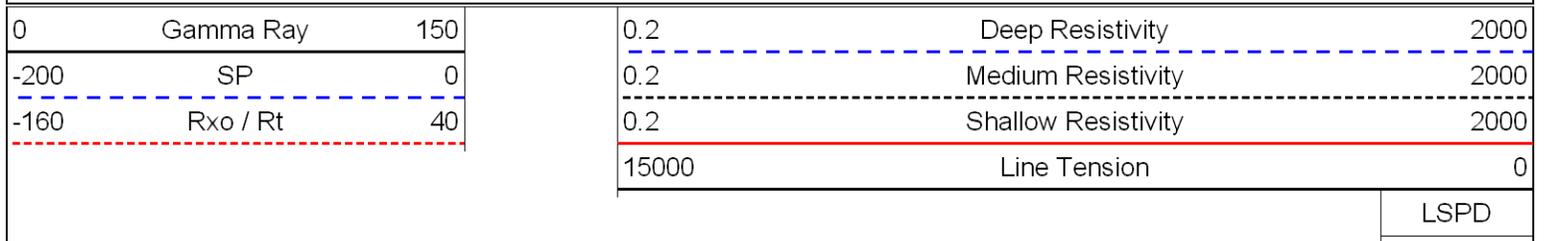


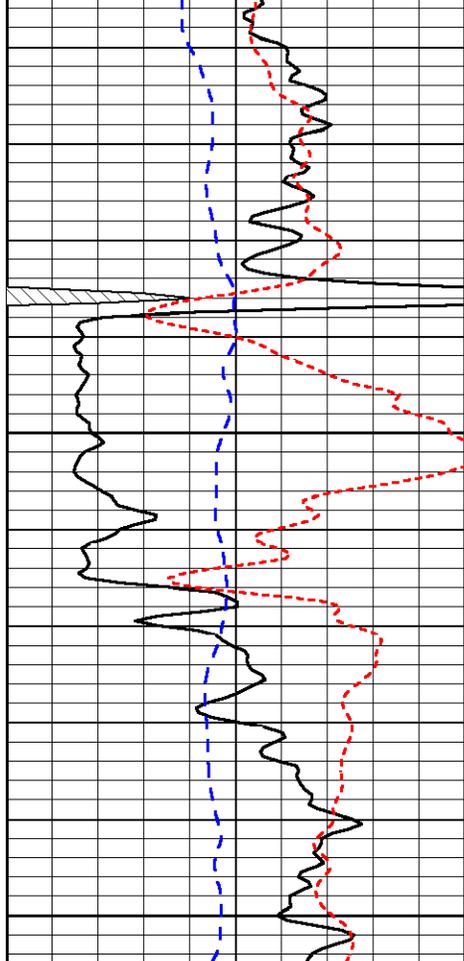






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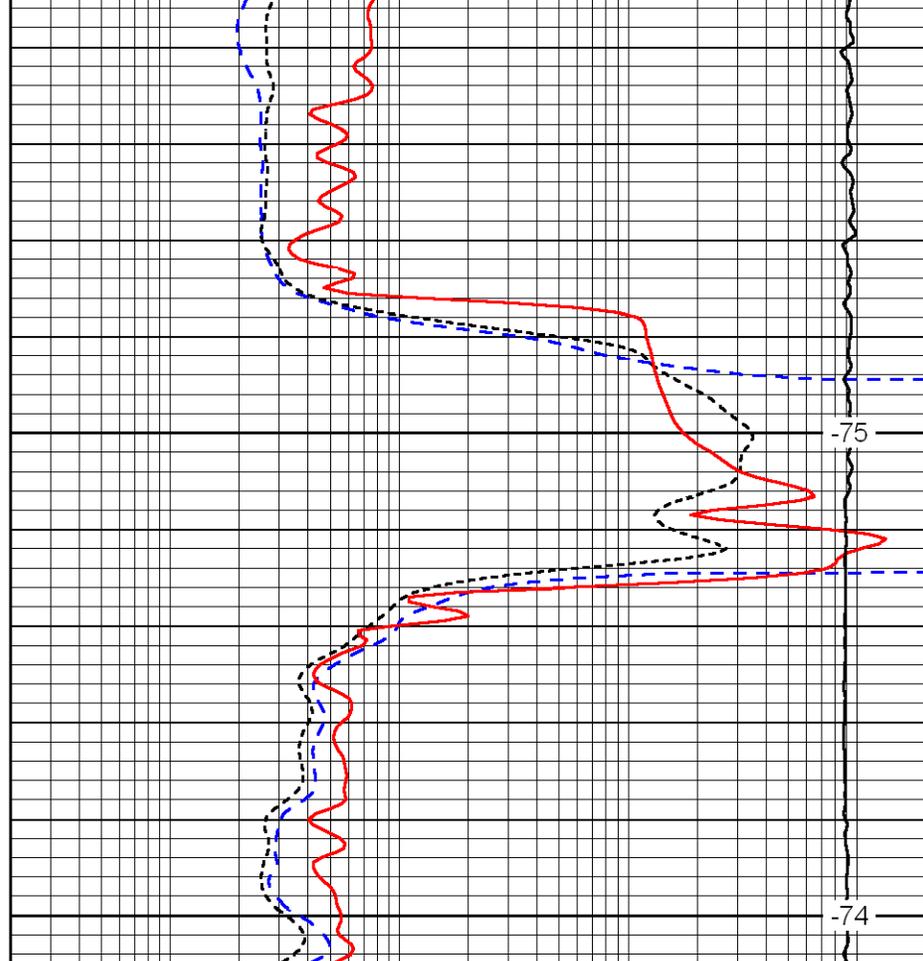




0	Gamma Ray	150
-200	SP	0
-160	Rxo / Rt	40

1800

1850



0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
15000	Line Tension	0

-75

-74

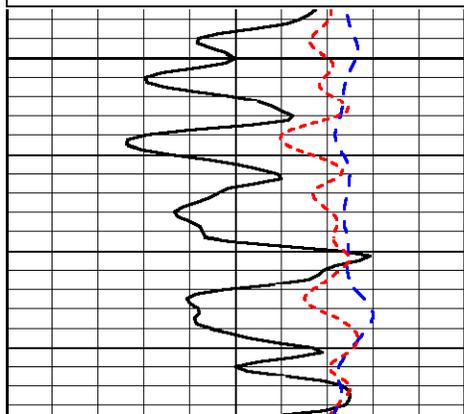
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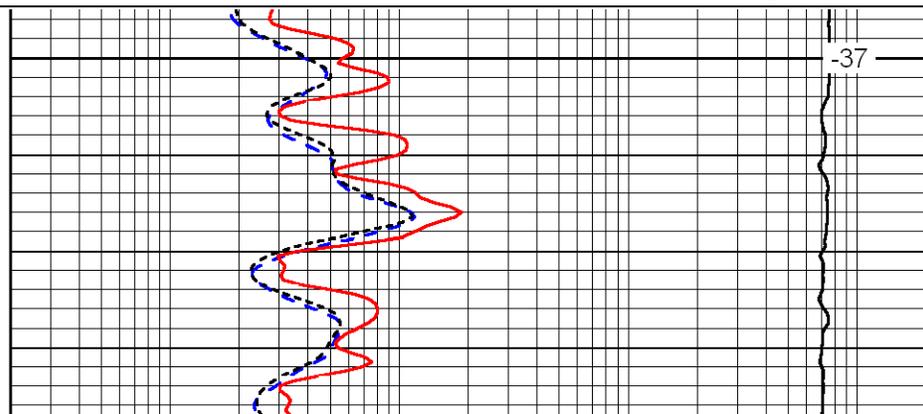
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-200	SP	0
-160	Rxo / Rt	40

0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
15000	Line Tension	0

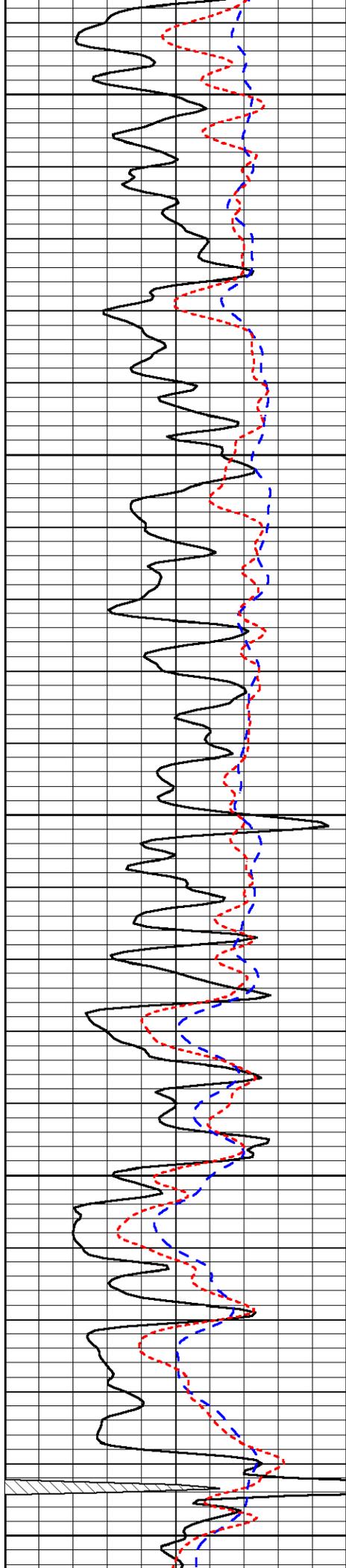
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3000



-37



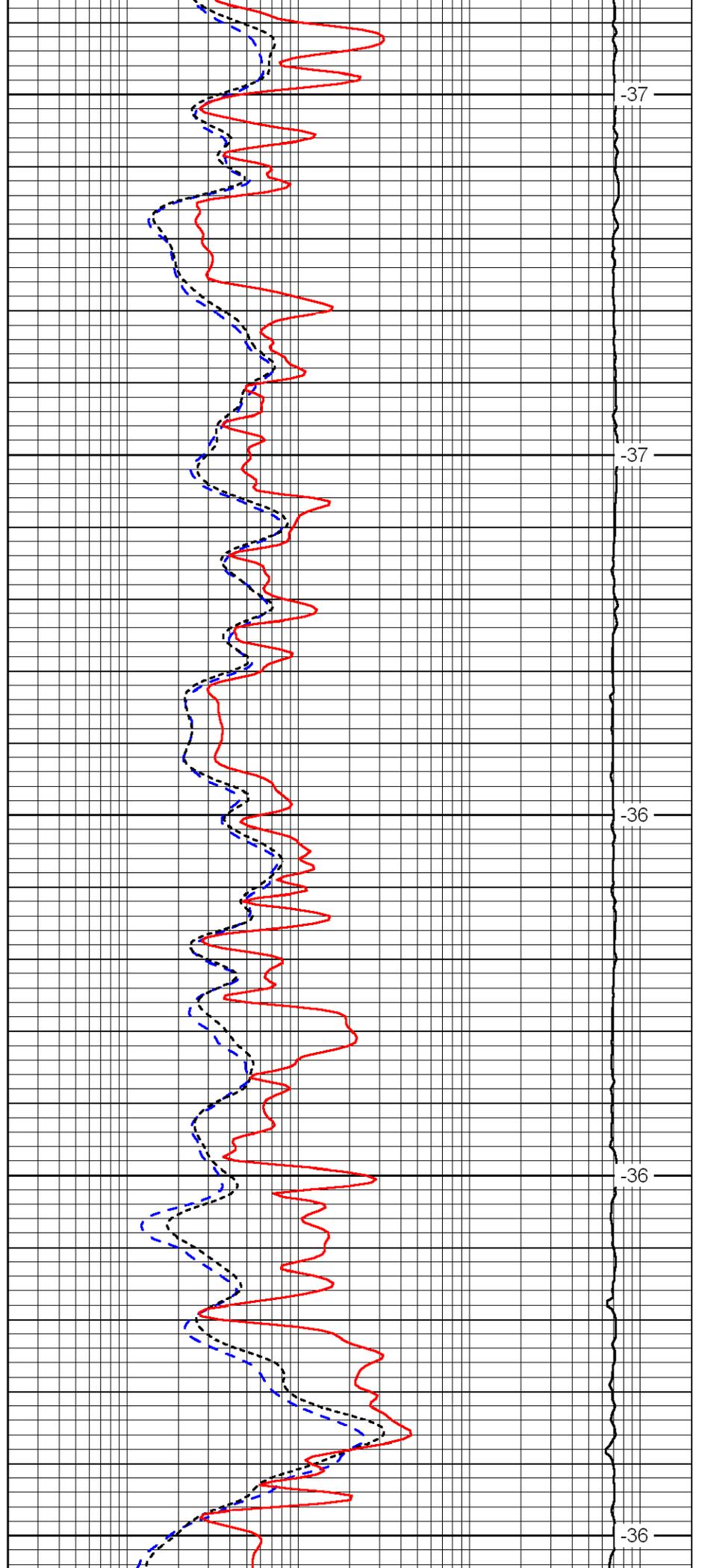
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3100

3150

3200

3250



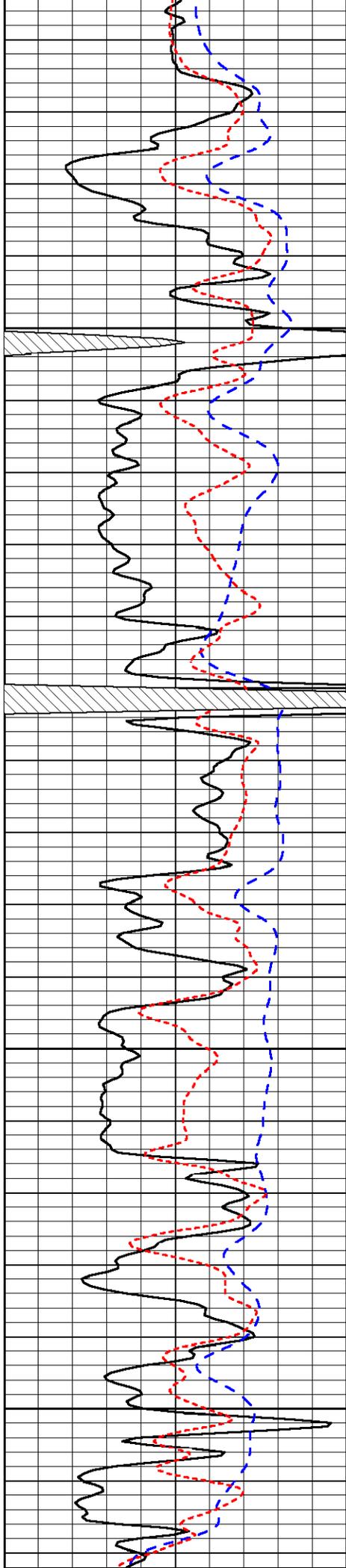
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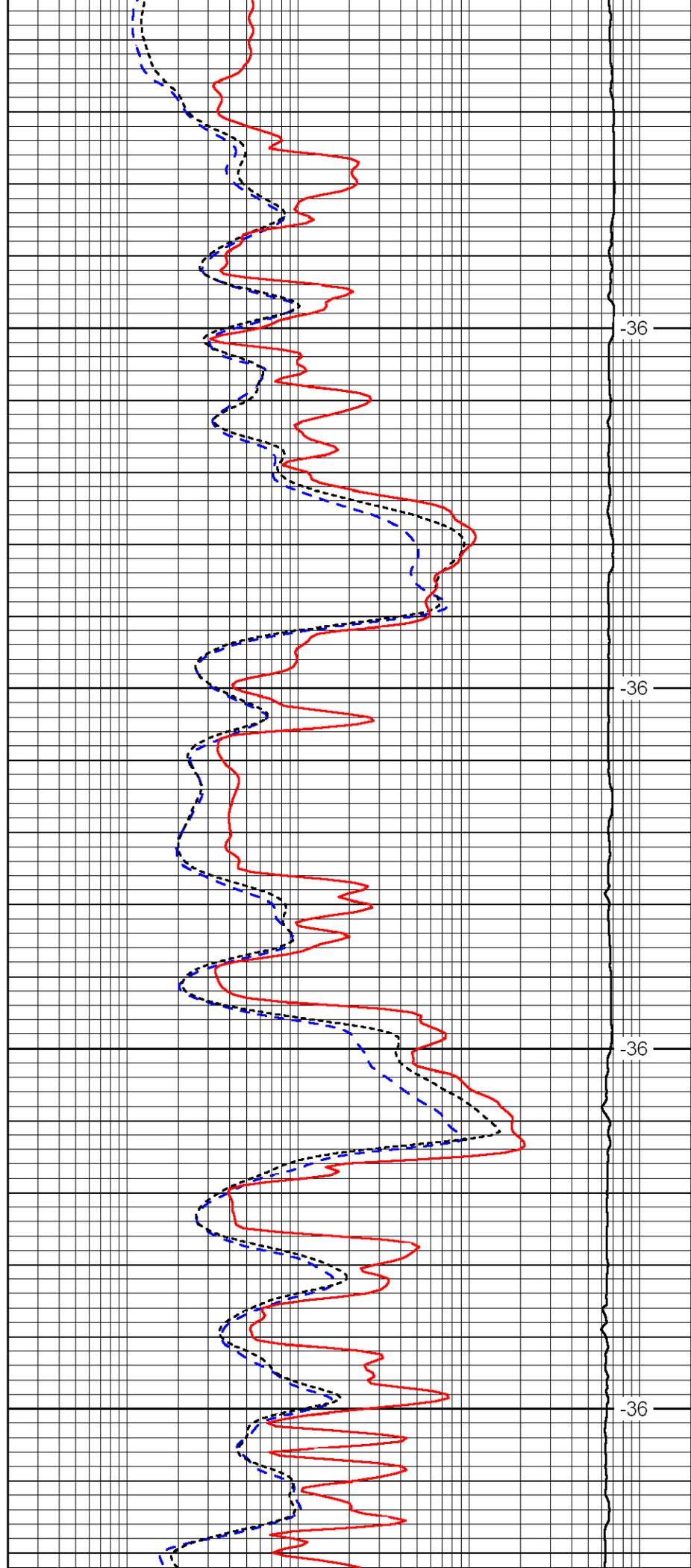


3300

3350

3400

3450

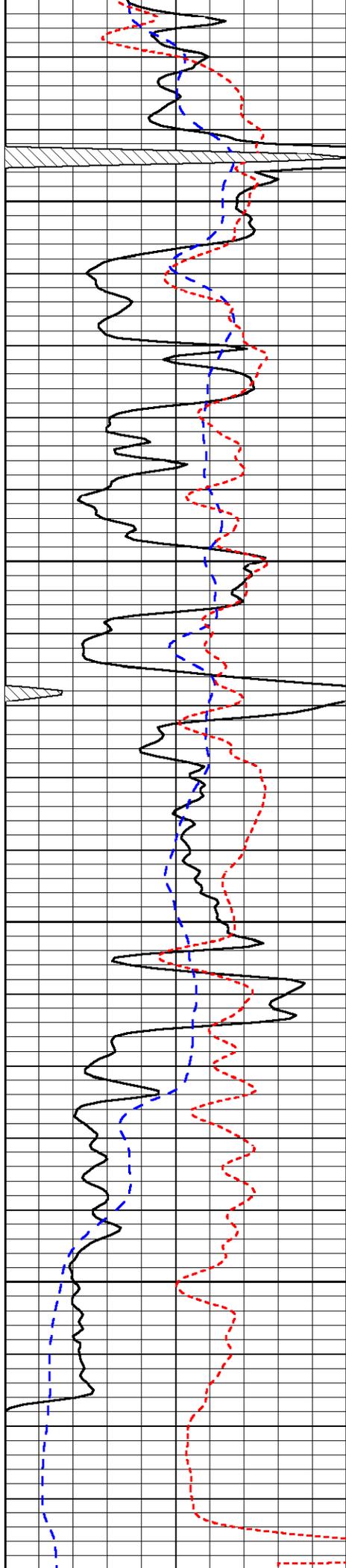


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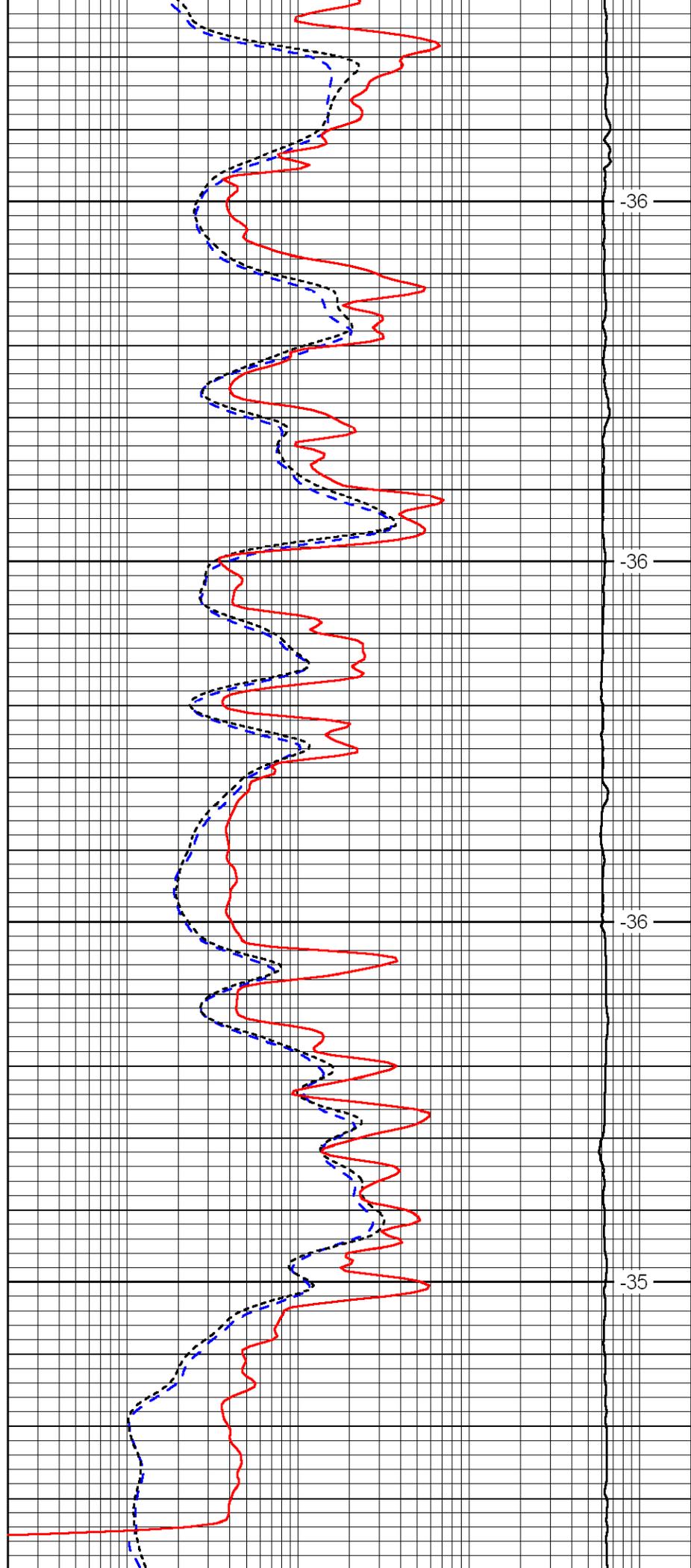


3500

3550

3600

3650

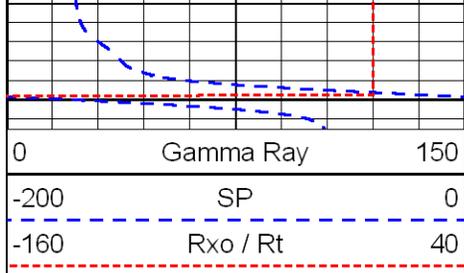


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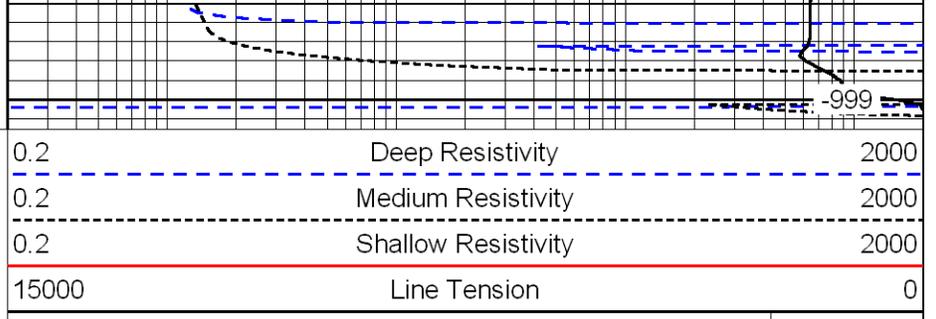
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-35



3700



-999

LSPD