LOG-TECH

DIGITAL LOG (785) 625-3858

Dual Induction Log

API No. 15-101-22,183-00-00

Company Larson Engineering, Inc.

Well Sharp Seed No. 1-10

Field Wildcat

County Lane State Kansas

Location NW SW NE NE
977' FNL & 1204' FEL
Sec: 10 Twp: 18S Rge: 30W

Other Services
CNL/CDL
MEL

Elevation
K.B. 2868
D.F.
G.L. 2863

Permanent Datum Ground Level
Log Measured From Kelly Bushing 5 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Date	08/18/2009		
Run Number	One		
Depth Driller	4650		
Depth Logger	4653		
Bottom Logged Interval	4652		
Top Log Interval	250		
Casing Driller	8.625 @ 258		
Casing Logger	254		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity,ppm CL	2900		
Density / Viscosity	9.2 / 50		
pH / Fluid Loss	11.0 / 8.0		
Source of Sample	Flowline		
Rm @ Meas. Temp	1.0 @ 74		
Rmf @ Meas. Temp	.75 @ 74		
Rmc @ Meas. Temp	1.35 @ 74		
Source of Rmf / Rmc	Charts		
Rm @ BHT	.59 @ 125		
Operating Rig Time	4 Hours		
Max Rec. Temp. F	125		
Equipment Number	17		
Location	Hays		
Recorded By	Mike Garrison		
Witnessed By	Bob Stolzle		

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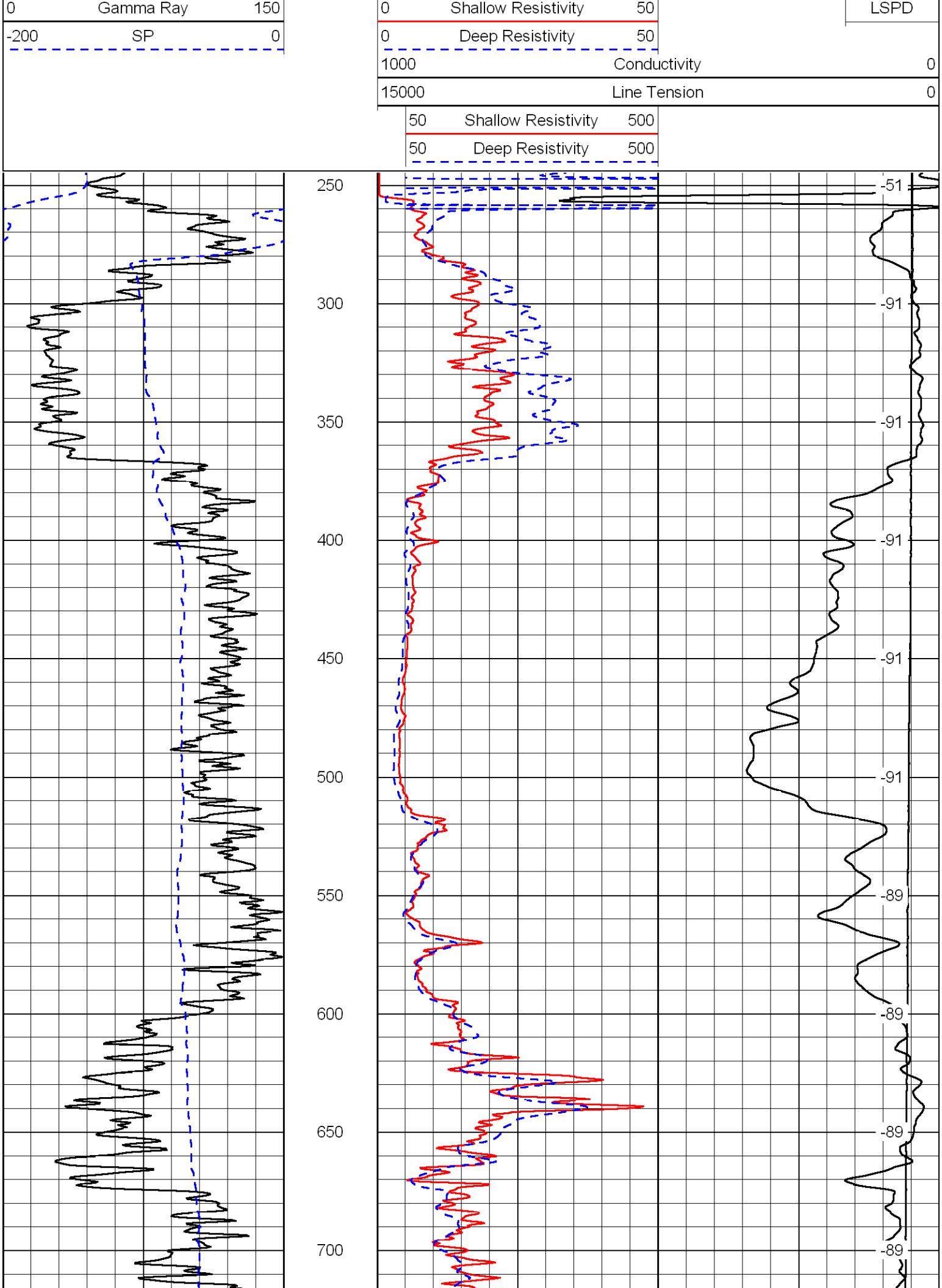
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

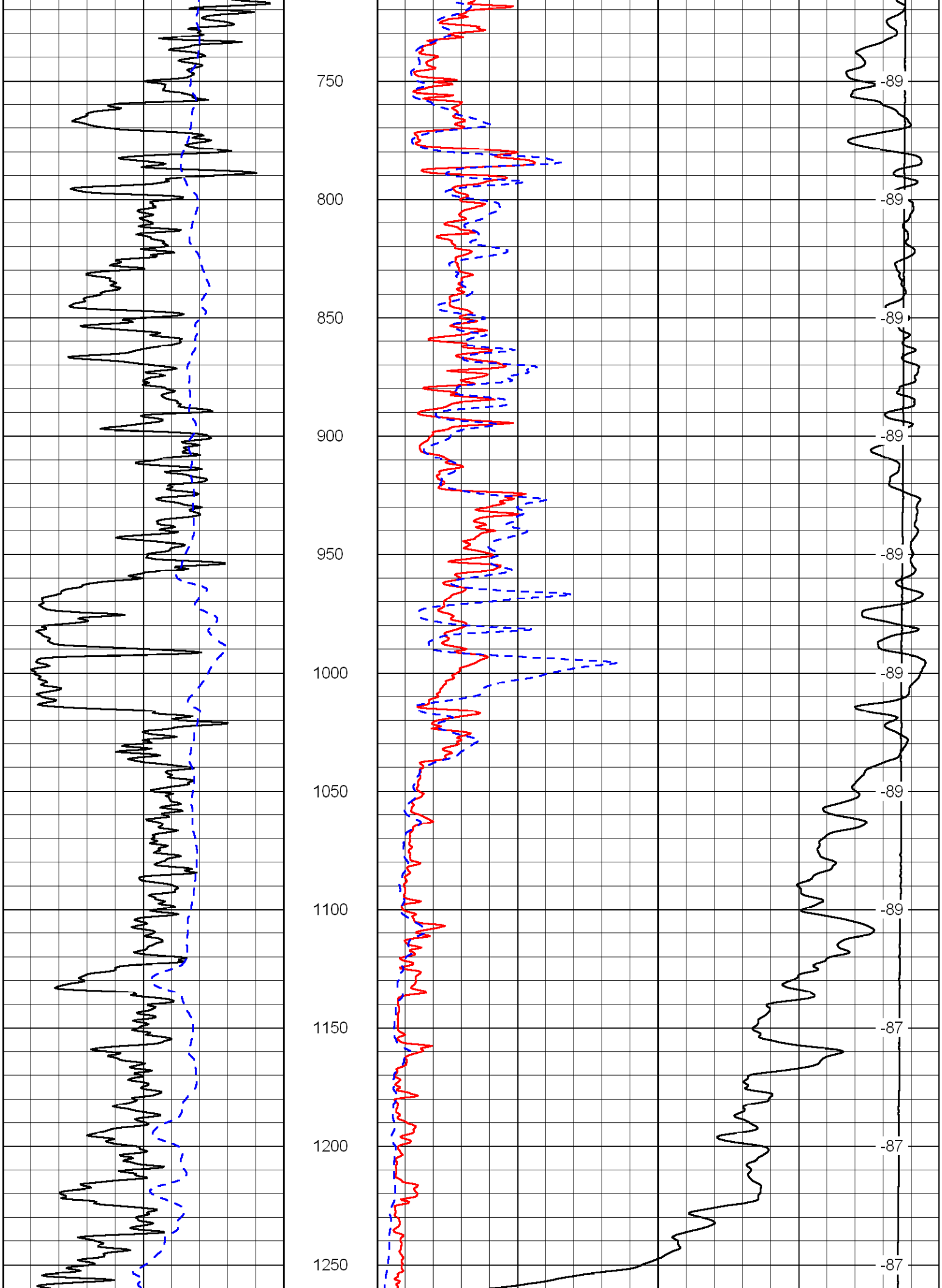
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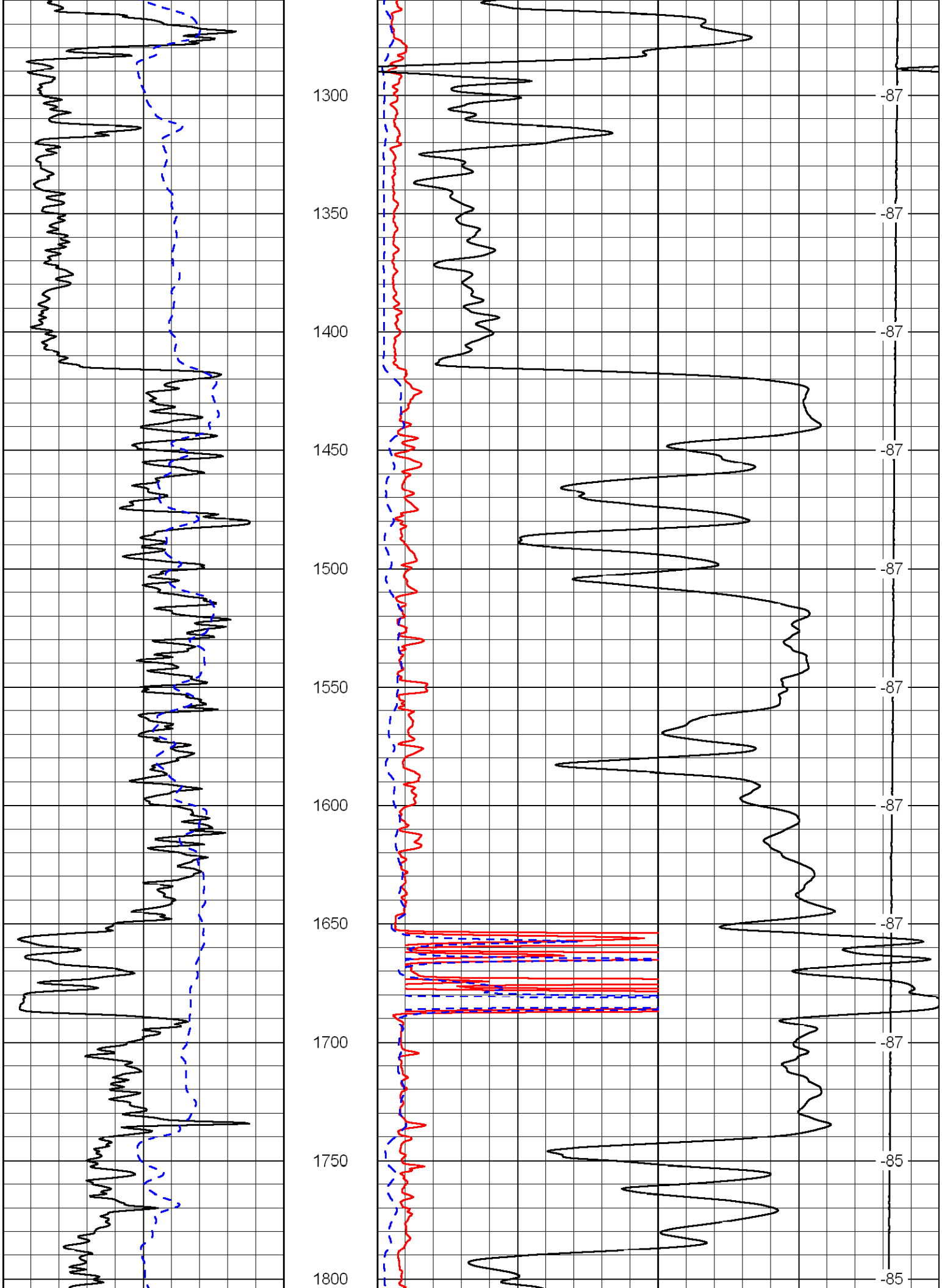
Thank you for using Log-Tech, Inc.
(785) 625-3858

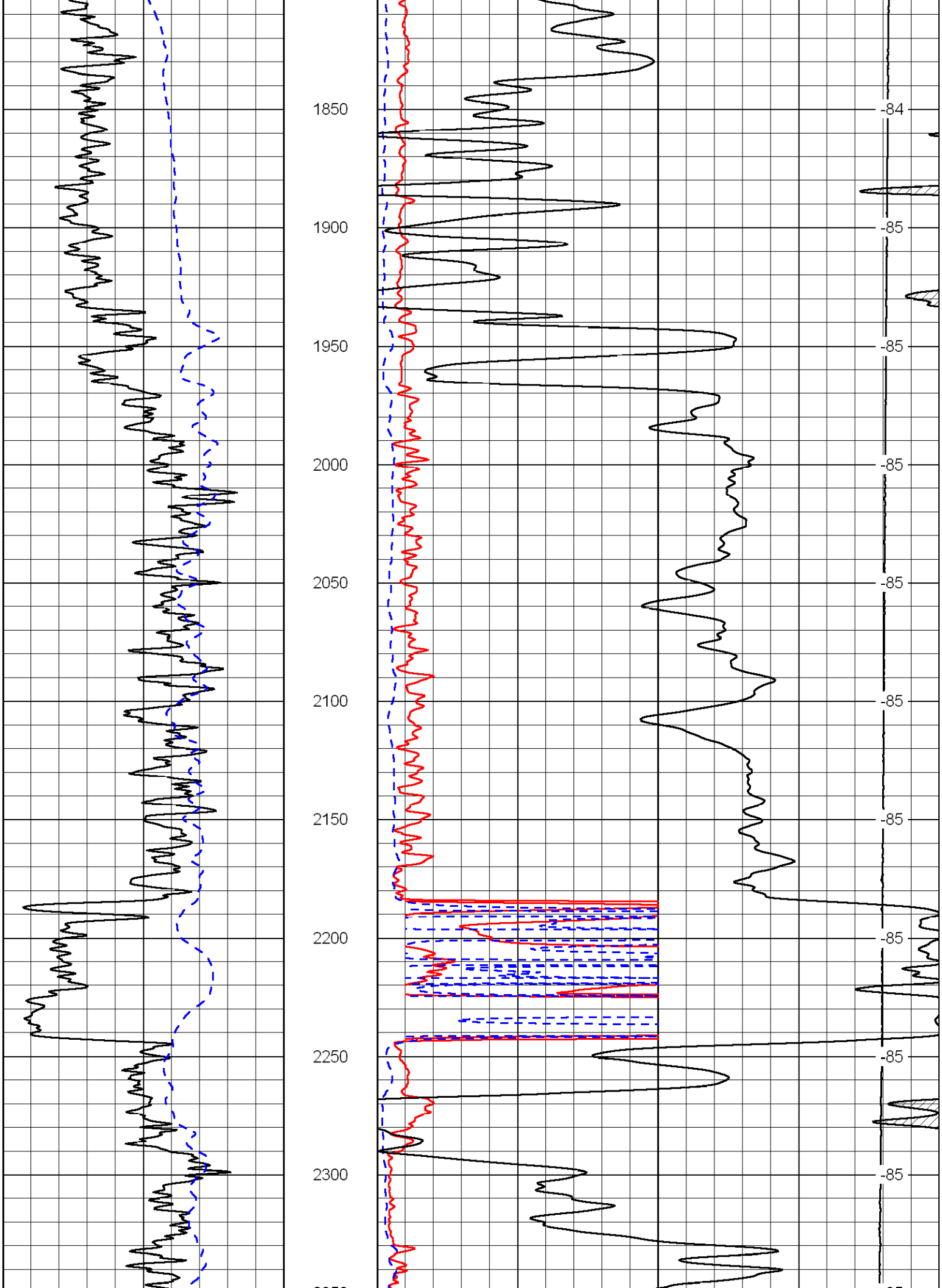
Dighton, 8 West to Dodge Rd, 1 3/4 North, West Into

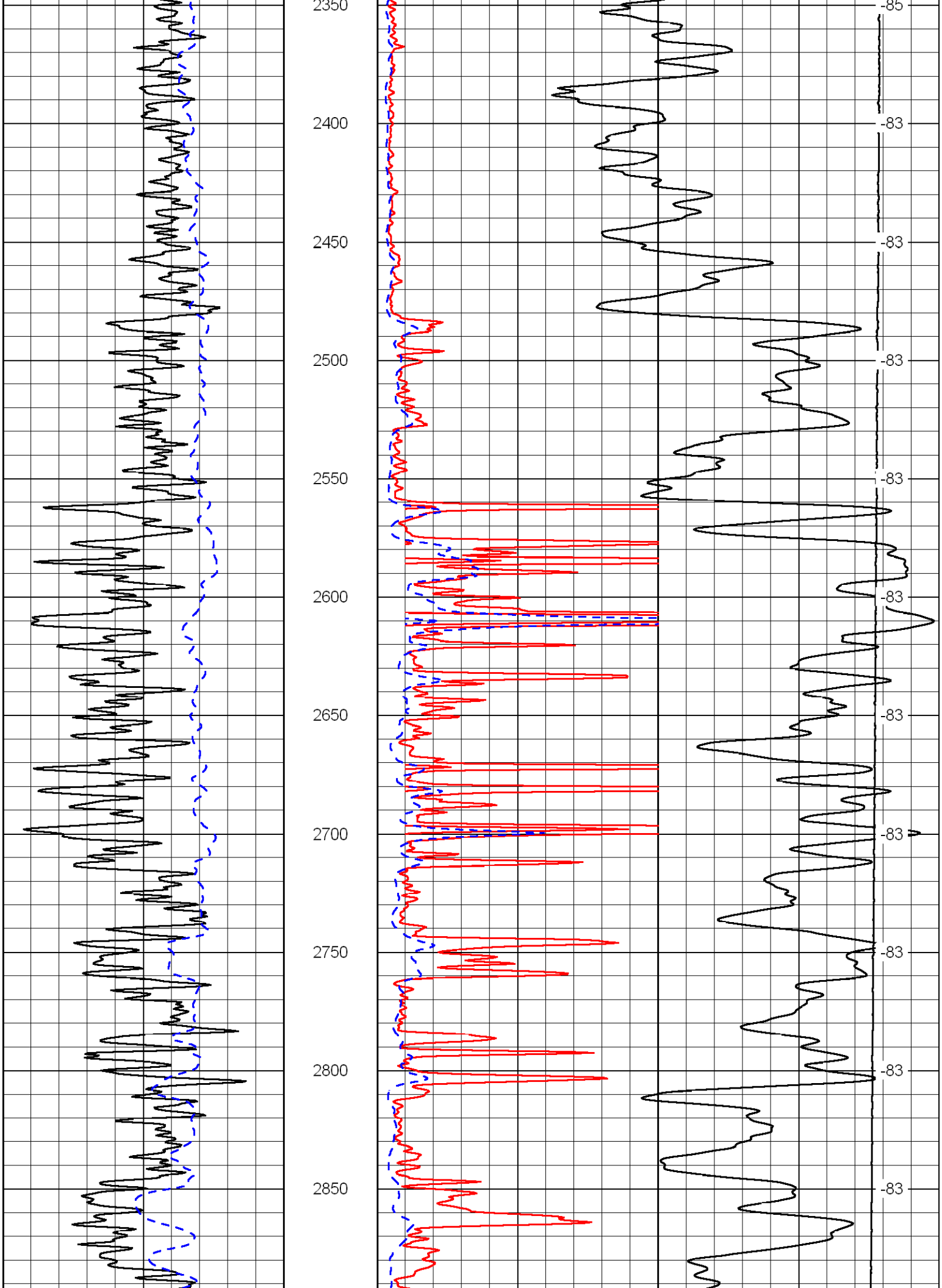
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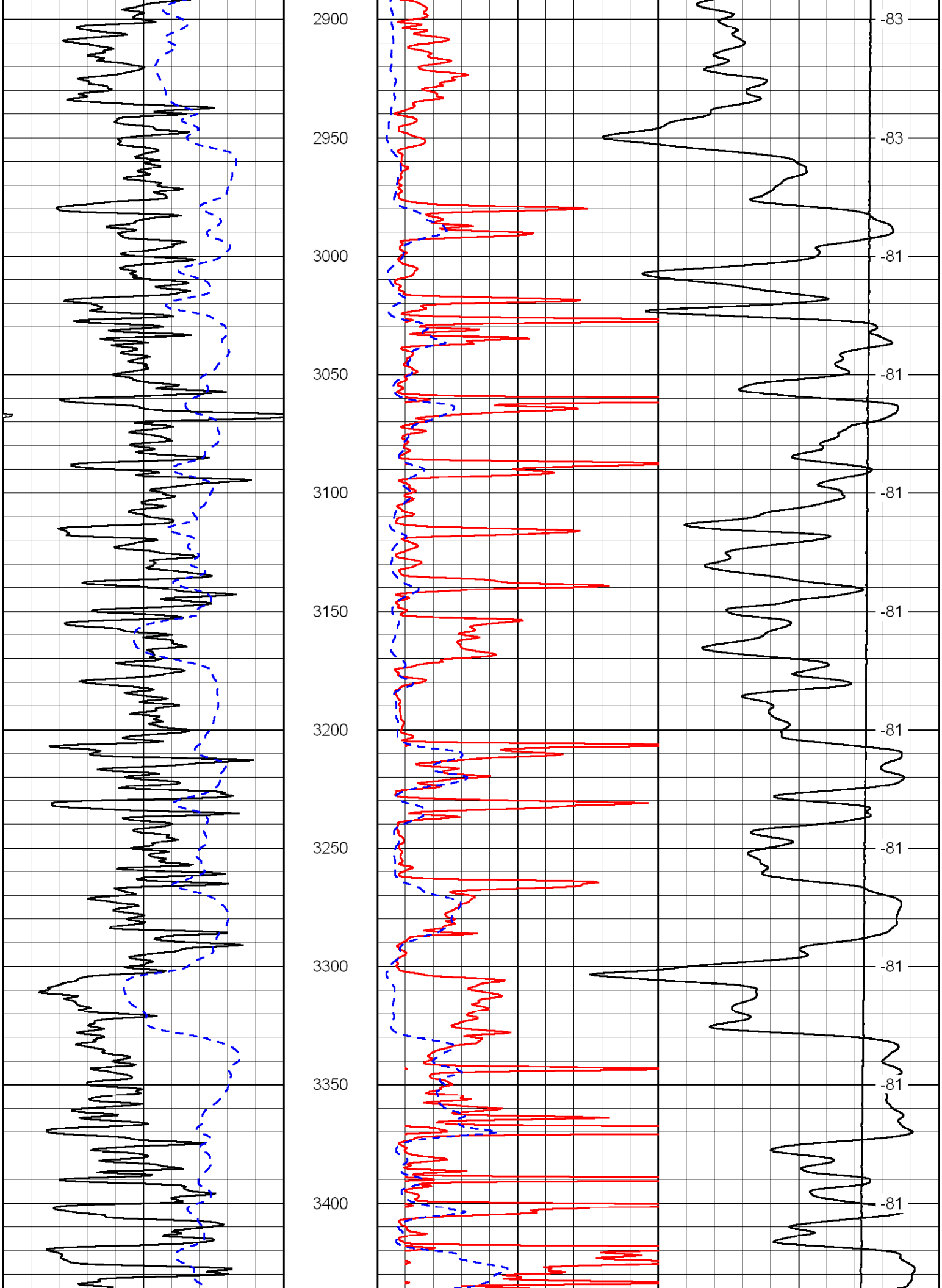

0 Gamma Ray 150
-200 SP 0
0 Shallow Resistivity 50
0 Deep Resistivity 50
1000 Conductivity 0
15000 Line Tension 0
50 Shallow Resistivity 500
50 Deep Resistivity 500
LSPD
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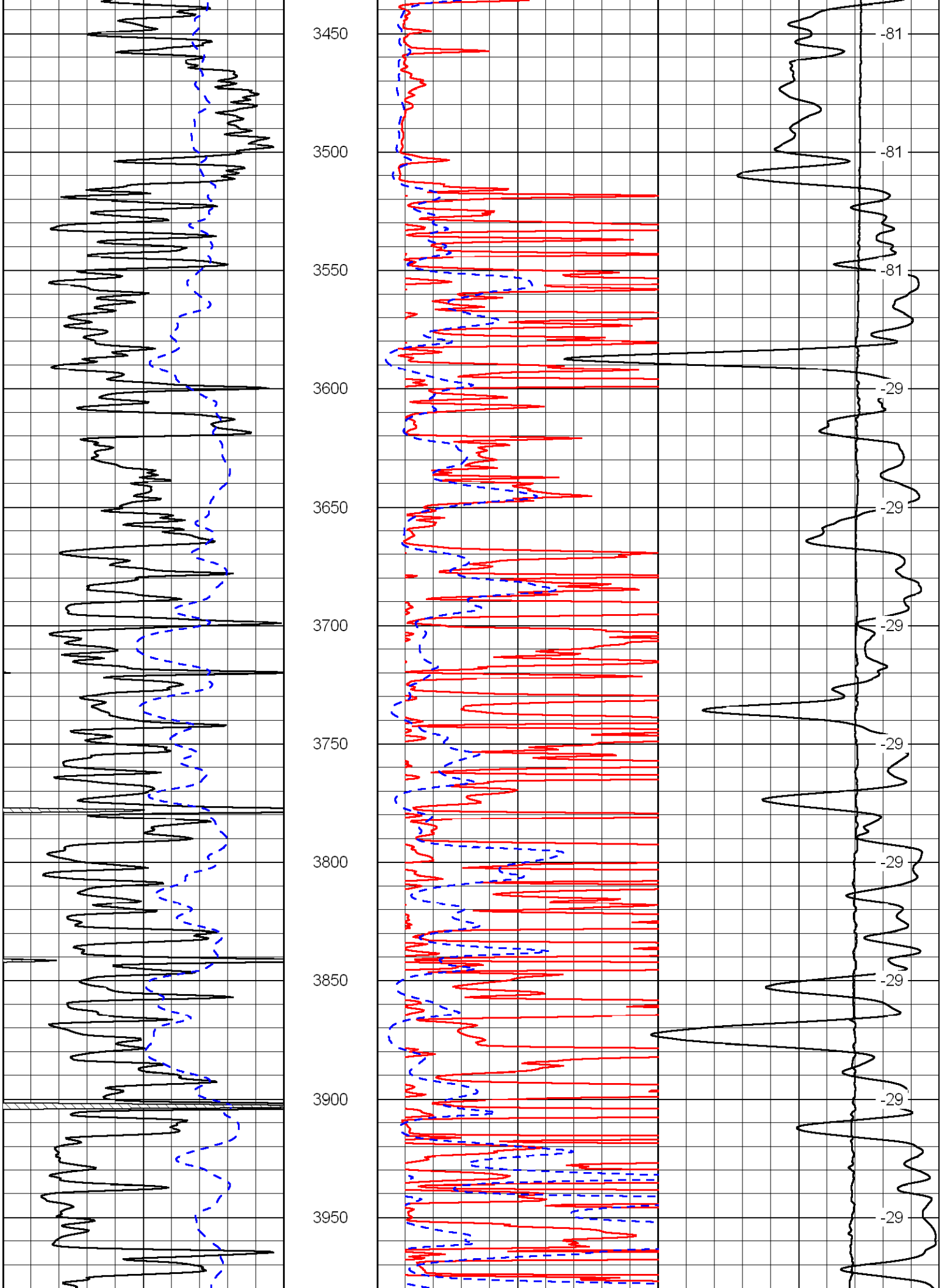

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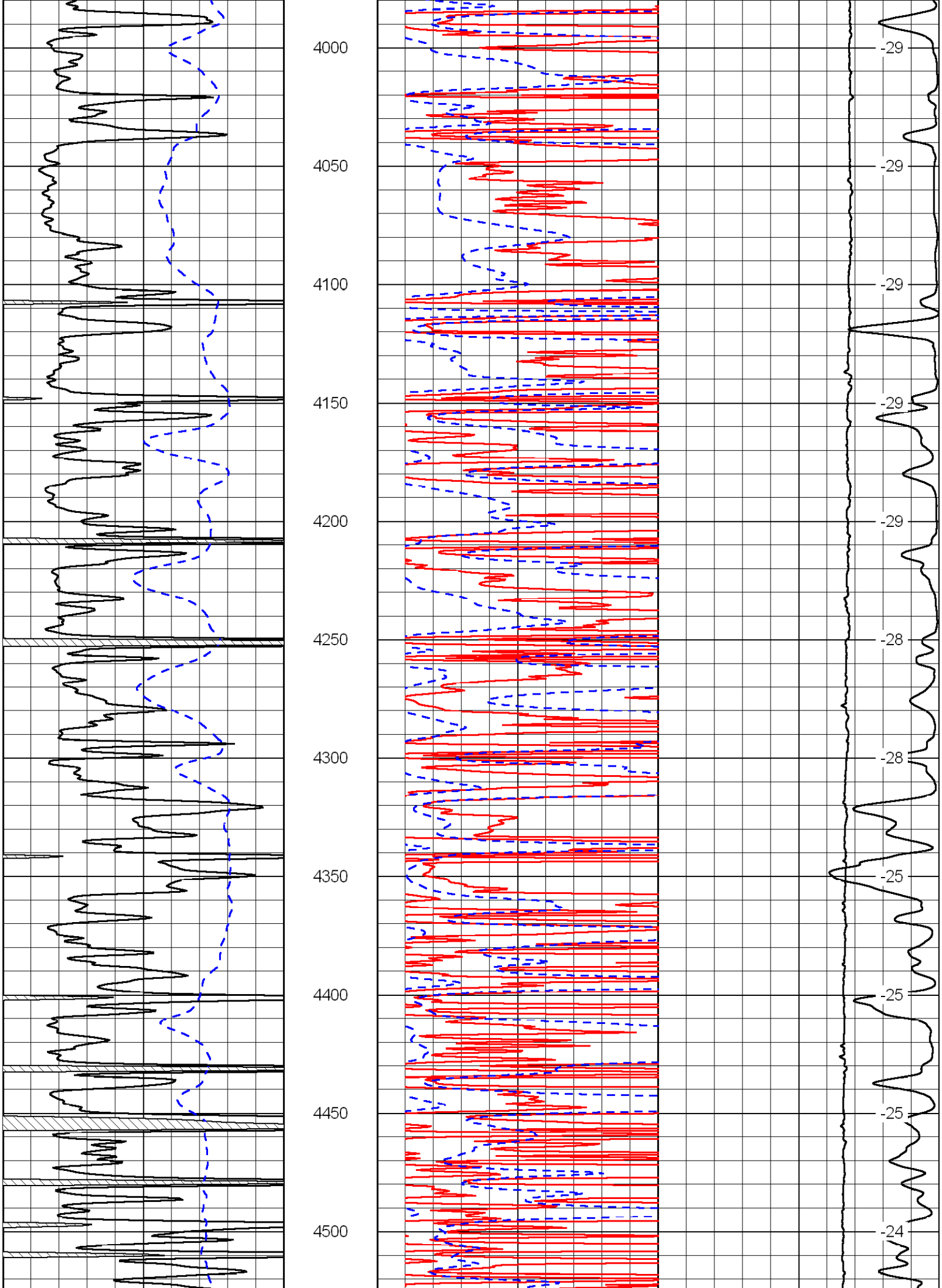

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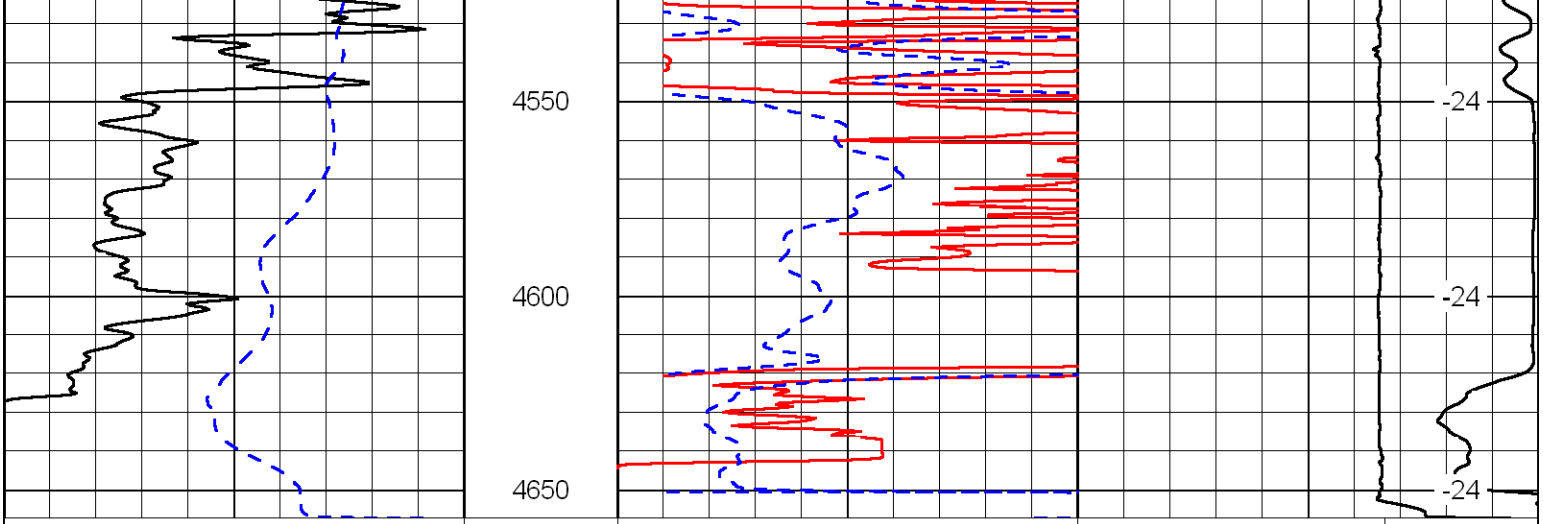

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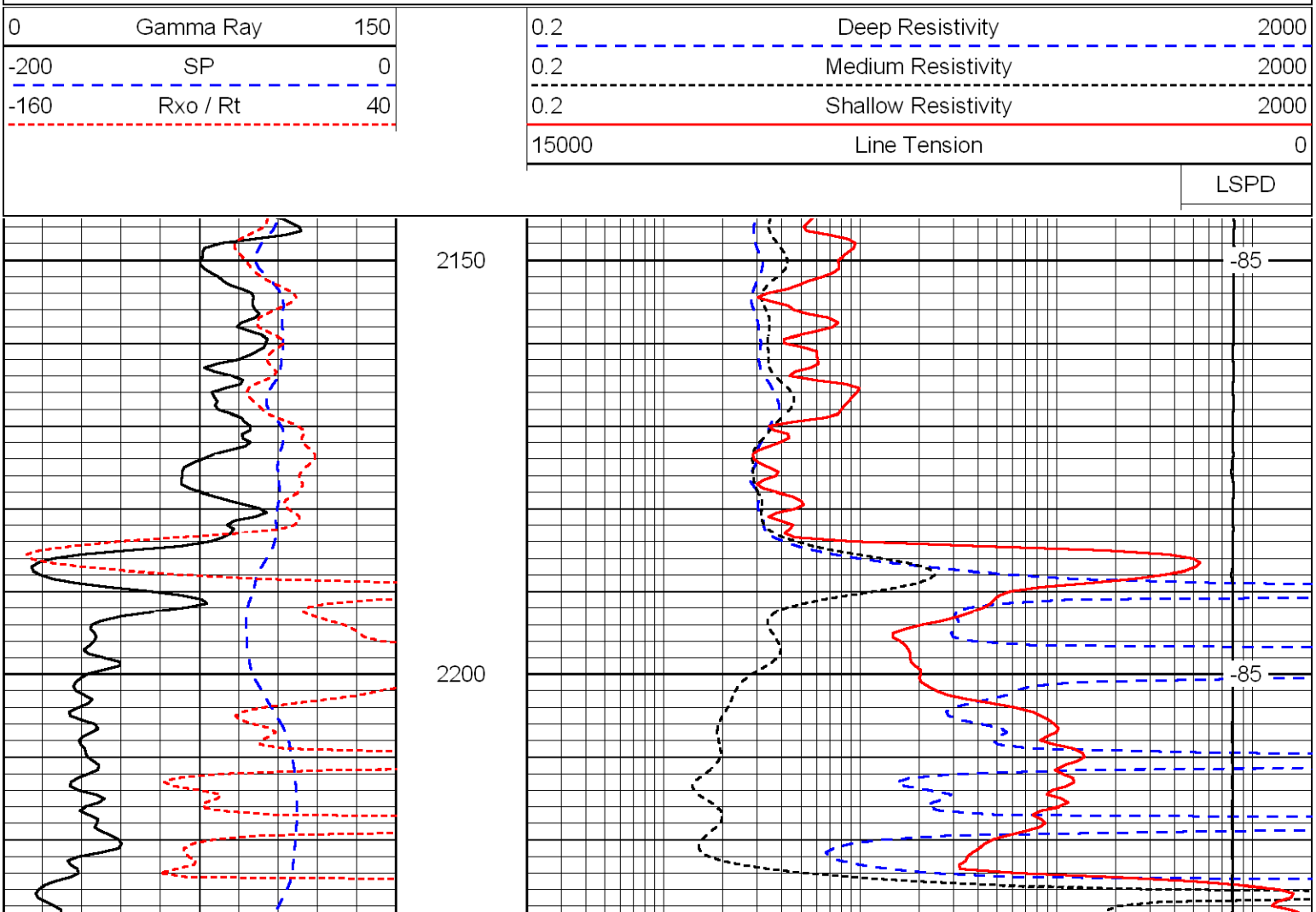

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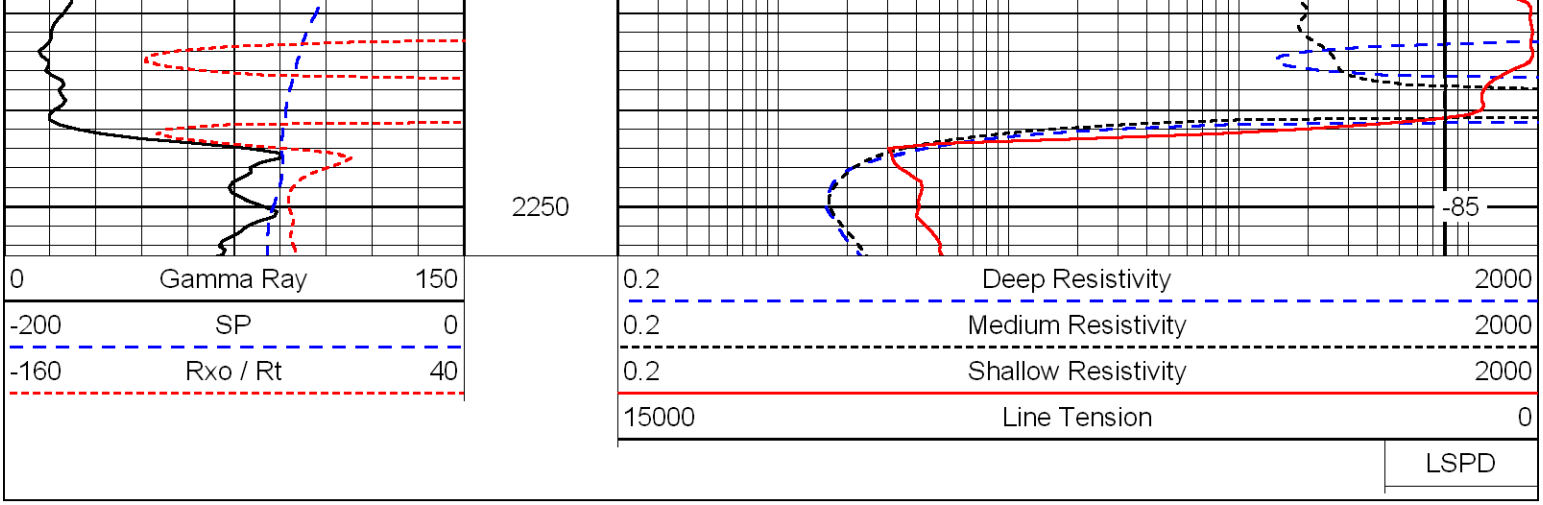

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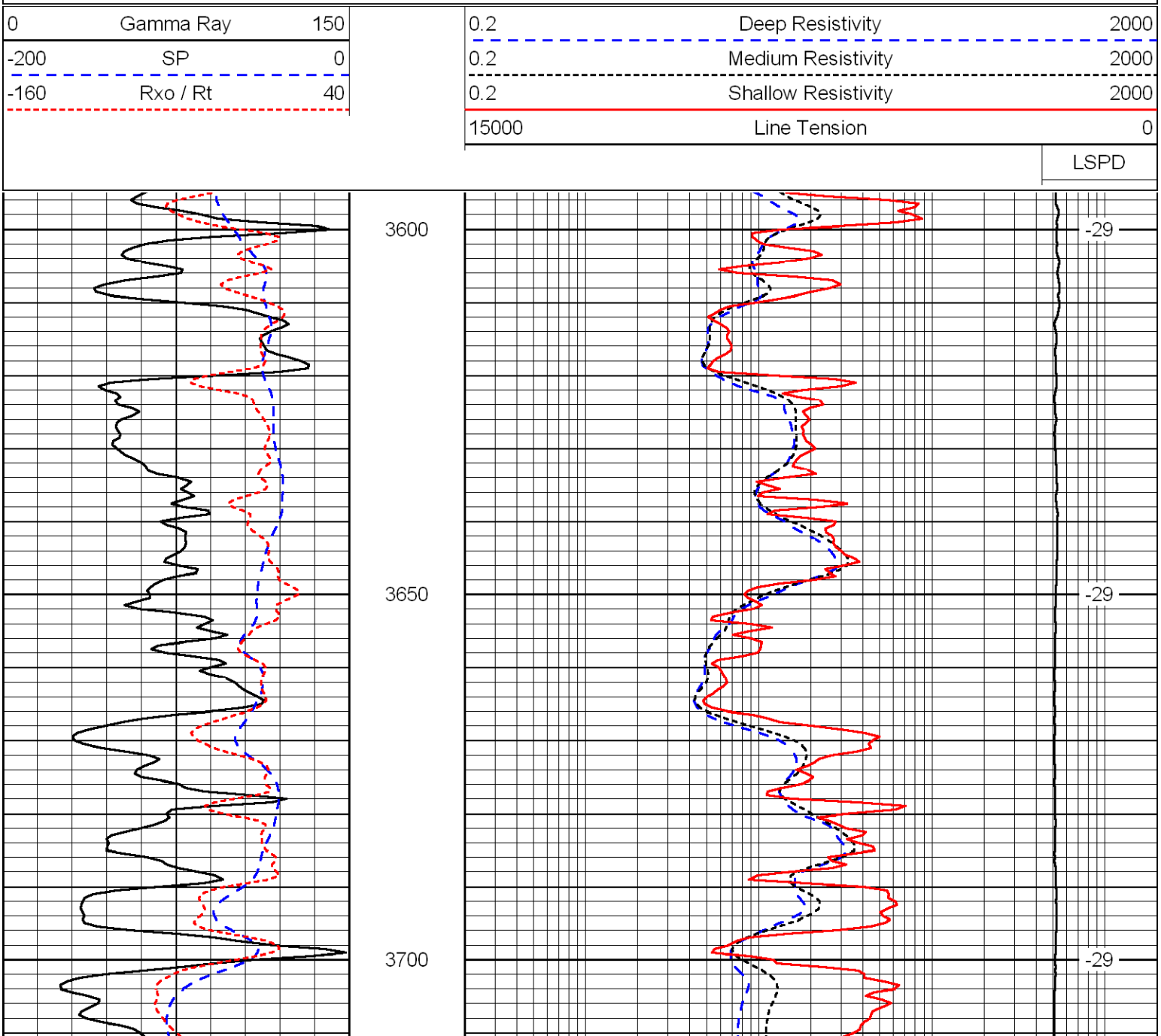


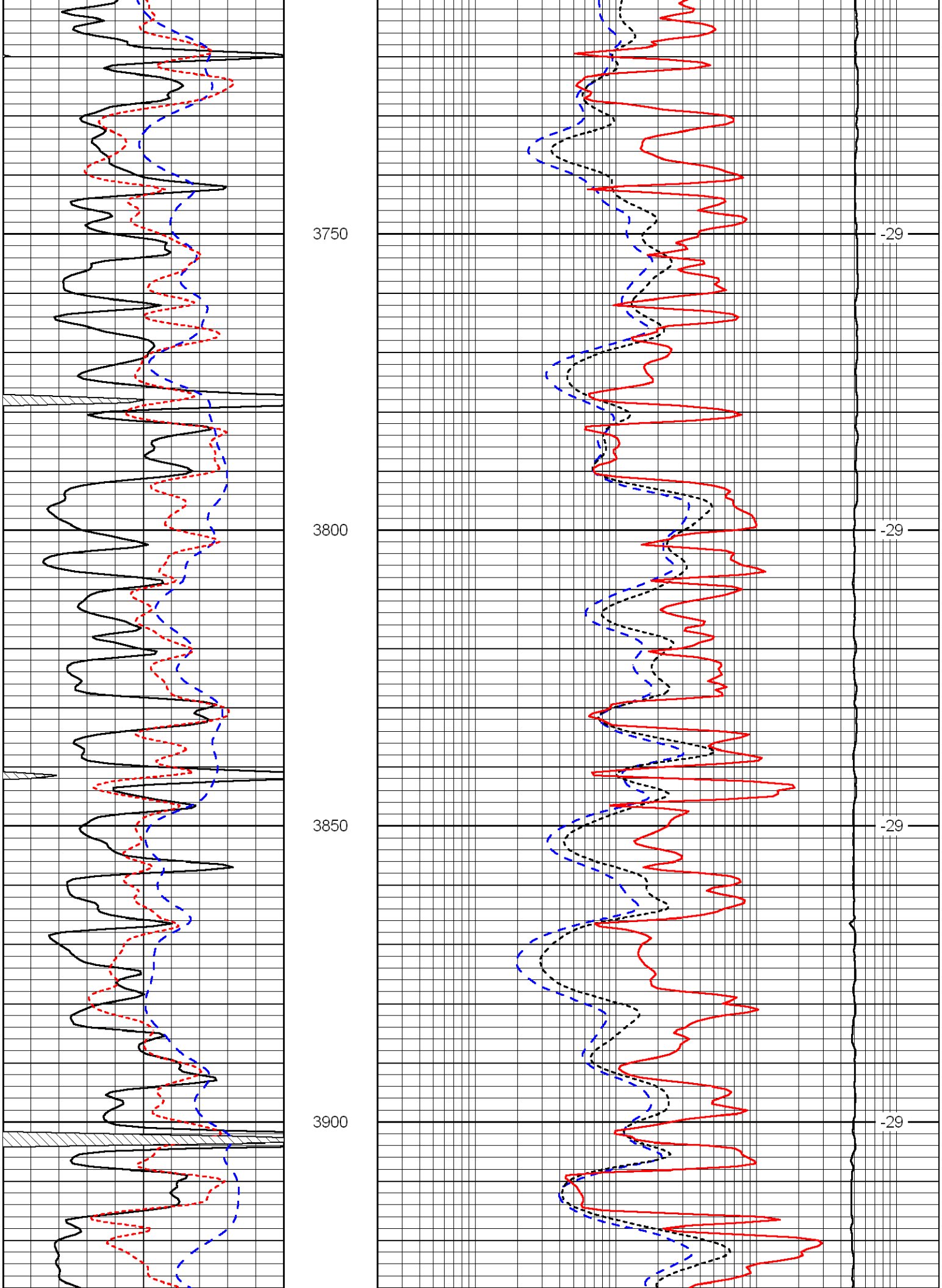
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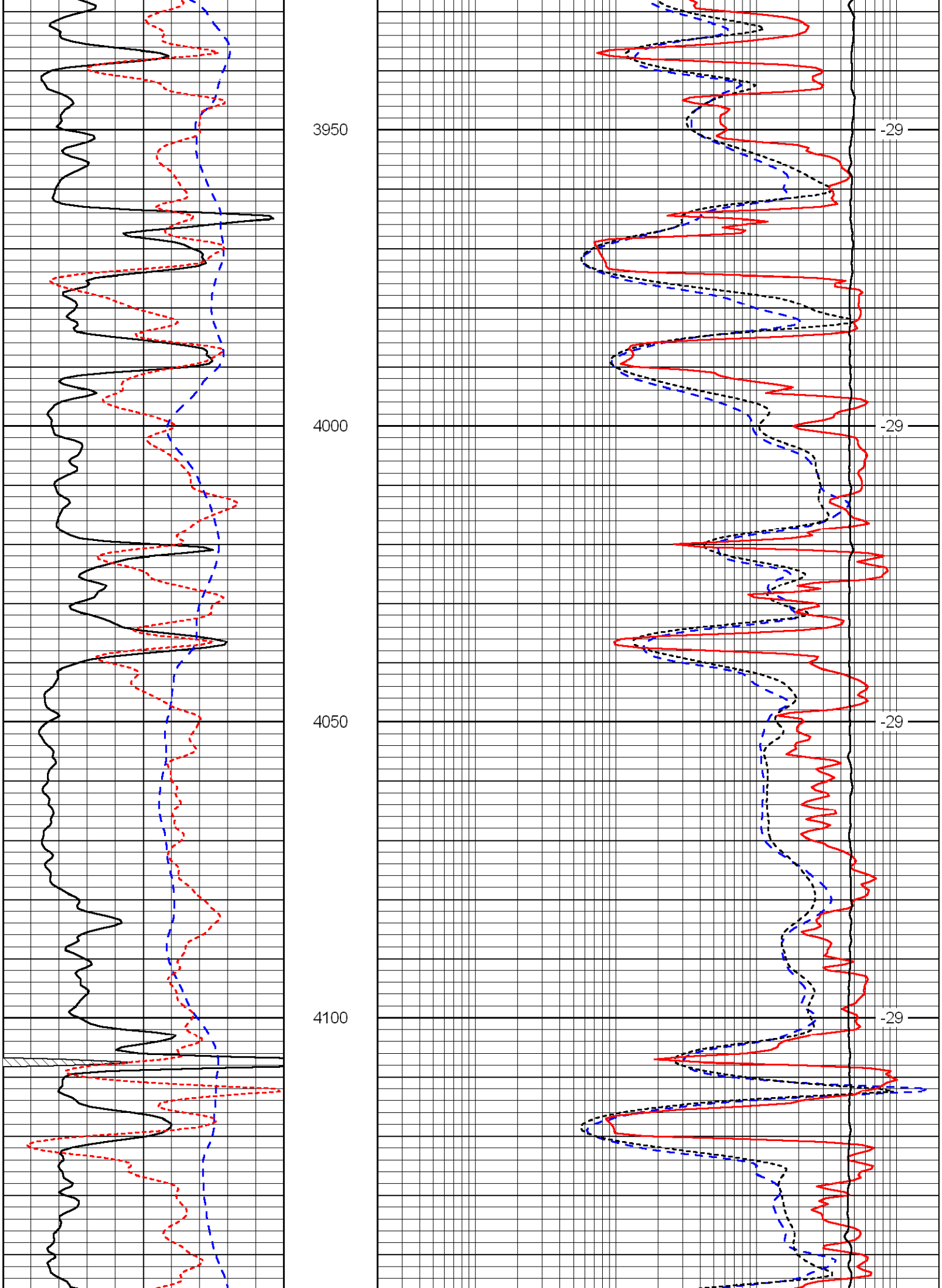


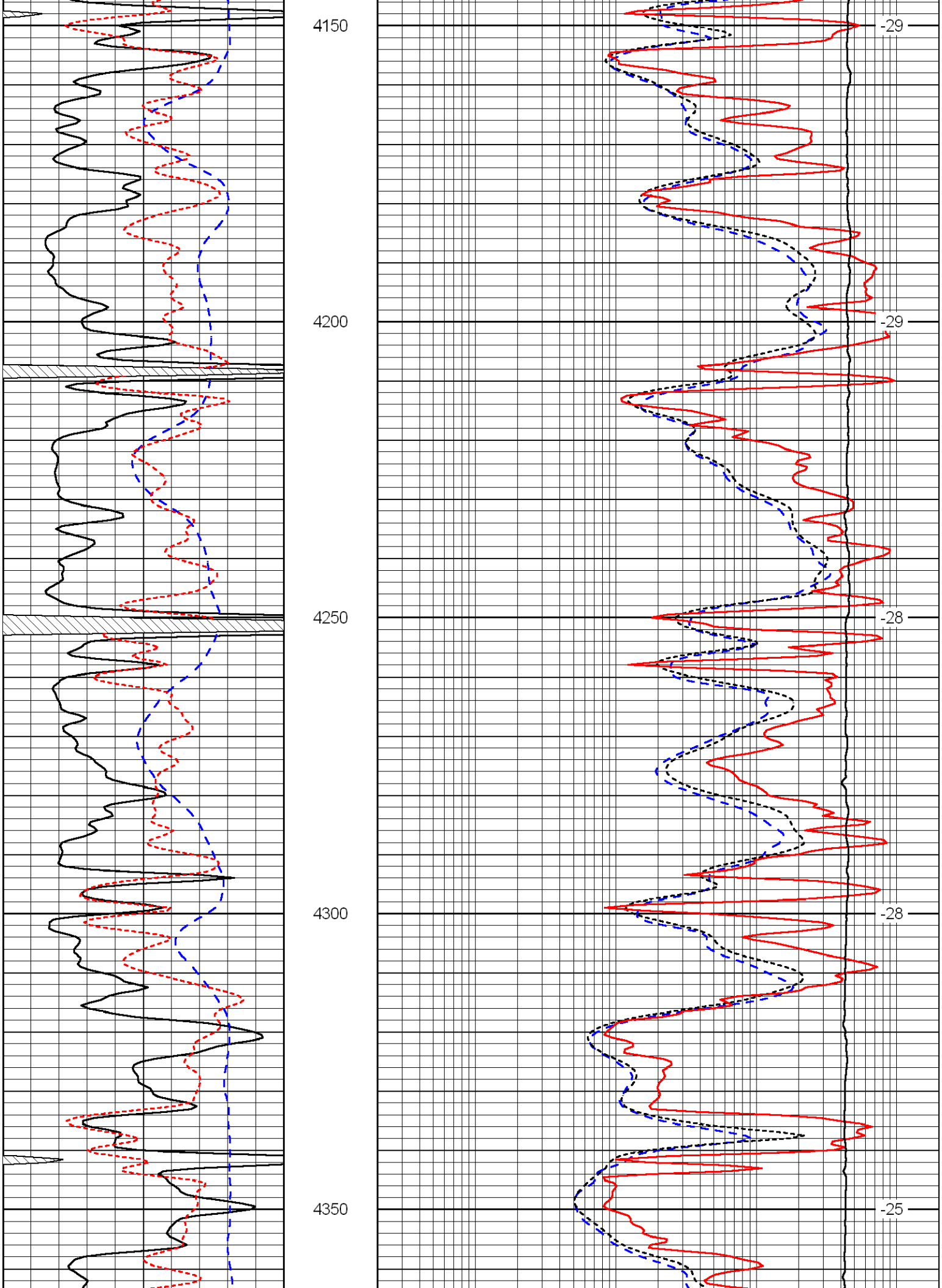


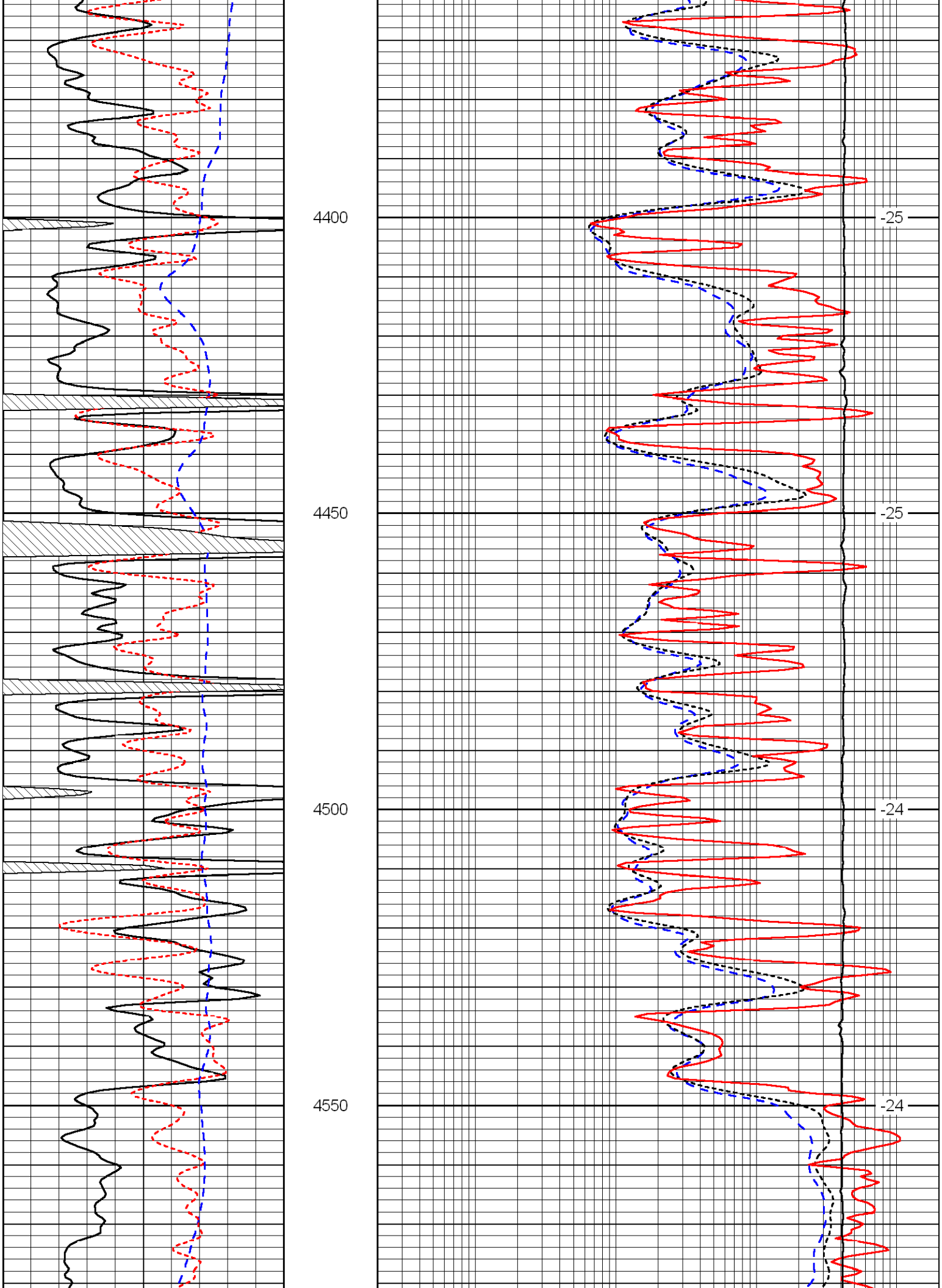
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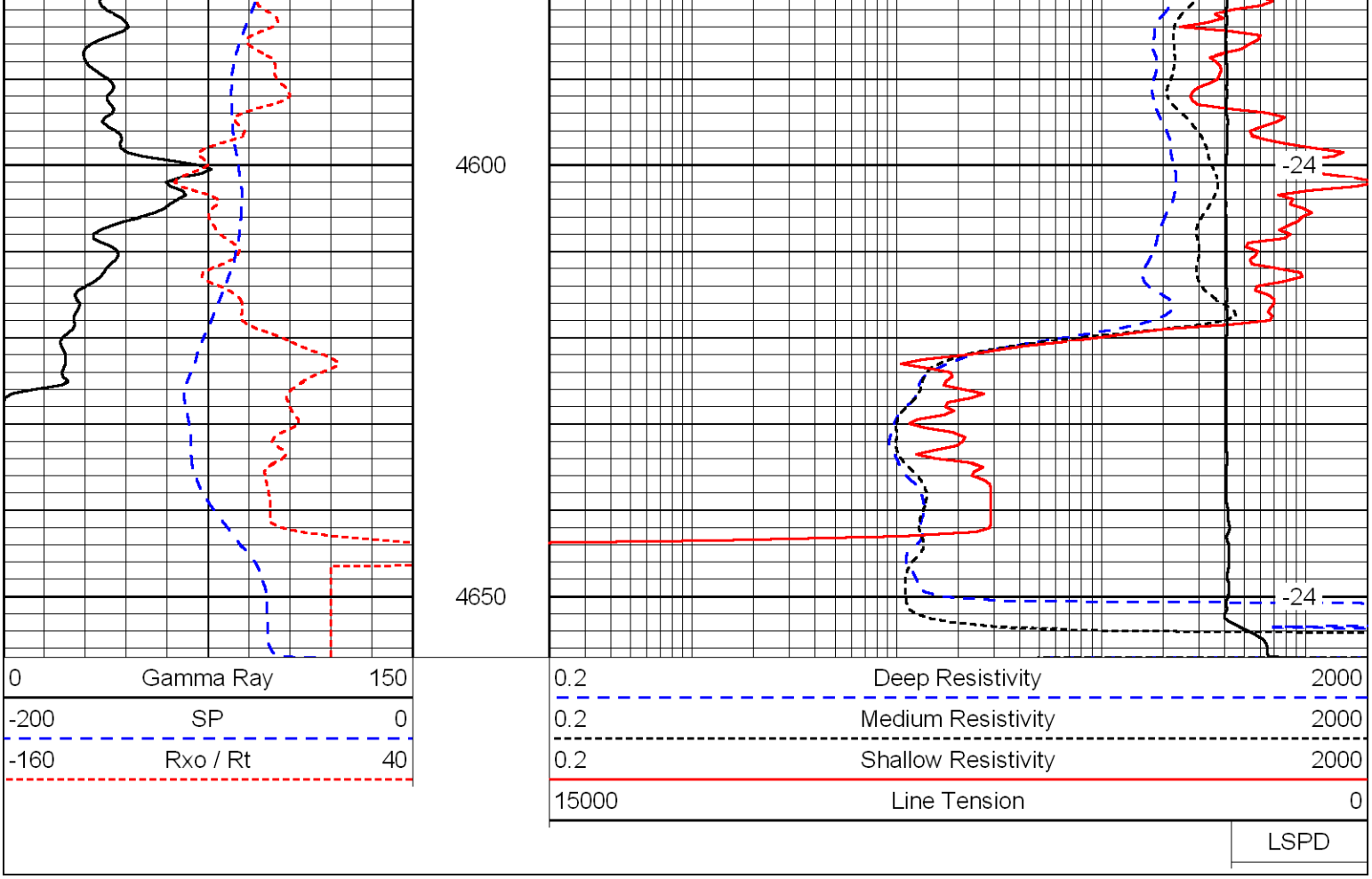



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0	Gamma Ray	150
-200	SP	0
-160	Rxo / Rt	40

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

LSPD