PIONEER
Pioneer Energy Services

Dual Induction Log

API No. 15-101-22399-00-00

Company	Larson Engineering, Inc.
Well	SS #2-10
Field	Unnamed
County	Lane
State	Kansas
Location	1658' FSL & 2284' FEL
Sec:	10
Twp:	19S
Rge:	29W
Other Services	CNL/CDL, MEL

Permanent Datum	Ground Level	Elevation 2819
Log Measured From	Kelly Bushing	7 Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing	

Elevation
K.B. 2826
D.F.
G.L. 2819

Date	9/12/2012
Run Number	One
Depth Driller	4646
Depth Logger	4647
Bottom Logged Interval	4646
Top Log Interval	250
Casing Driller	8.625 @ 261
Casing Logger	259
Bit Size	7.875
Type Fluid in Hole	Chemical
Salinity, ppm CL	3600
Density / Viscosity	9.2 / 58
pH / Fluid Loss	10.5 / 7.2
Source of Sample	Flowline
Rm @ Meas. Temp	0.85 @ 60
Rmf @ Meas. Temp	0.64 @ 60
Rmc @ Meas. Temp	1.15 @ 60
Source of Rmf / Rmc	Charts
Rm @ BHT	0.41 @ 124
Operating Rig Time	4 Hours
Max Rec. Temp. F	124
Equipment Number	91
Location	Hays
Recorded By	D. Schmidt
Witnessed By	Vern Schrag

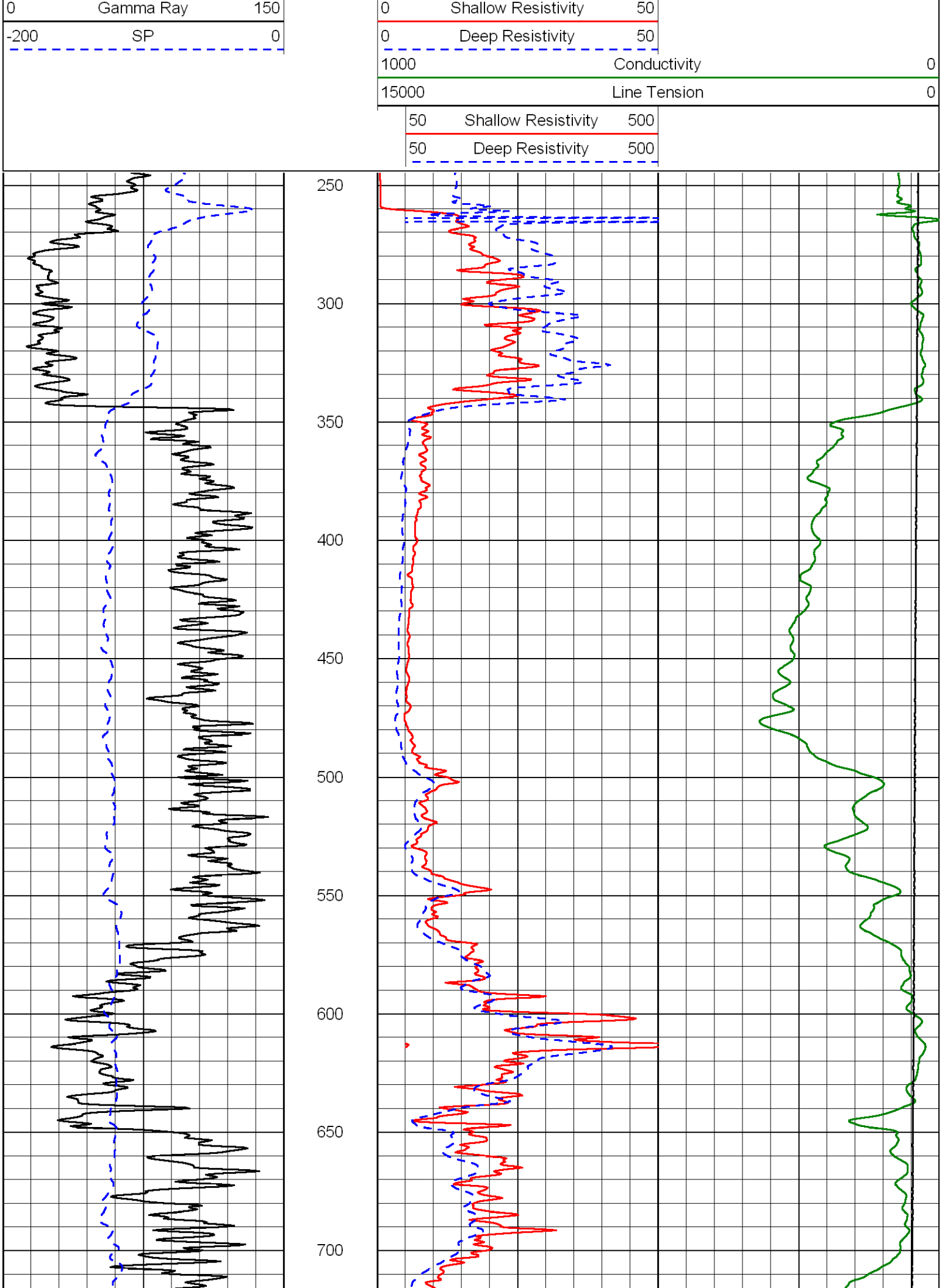
<<< Fold Here >>>

Comments

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

Dighton,
2 South to Rd 130, 2 West to Jagger Rd, 2 1/2 South,
West into

Database File:	larson_091212hd.db
Dataset Pathname:	dil/larstack
Presentation Format:	dil2in
Dataset Creation:	Wed Sep 12 22:11:32 2012
Charted by:	Depth in Feet scaled 1:600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-200 SP 0
0 Shallow Resistivity 50
0 Deep Resistivity 50
1000 Conductivity 0
15000 Line Tension 0
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50 Deep Resistivity 500
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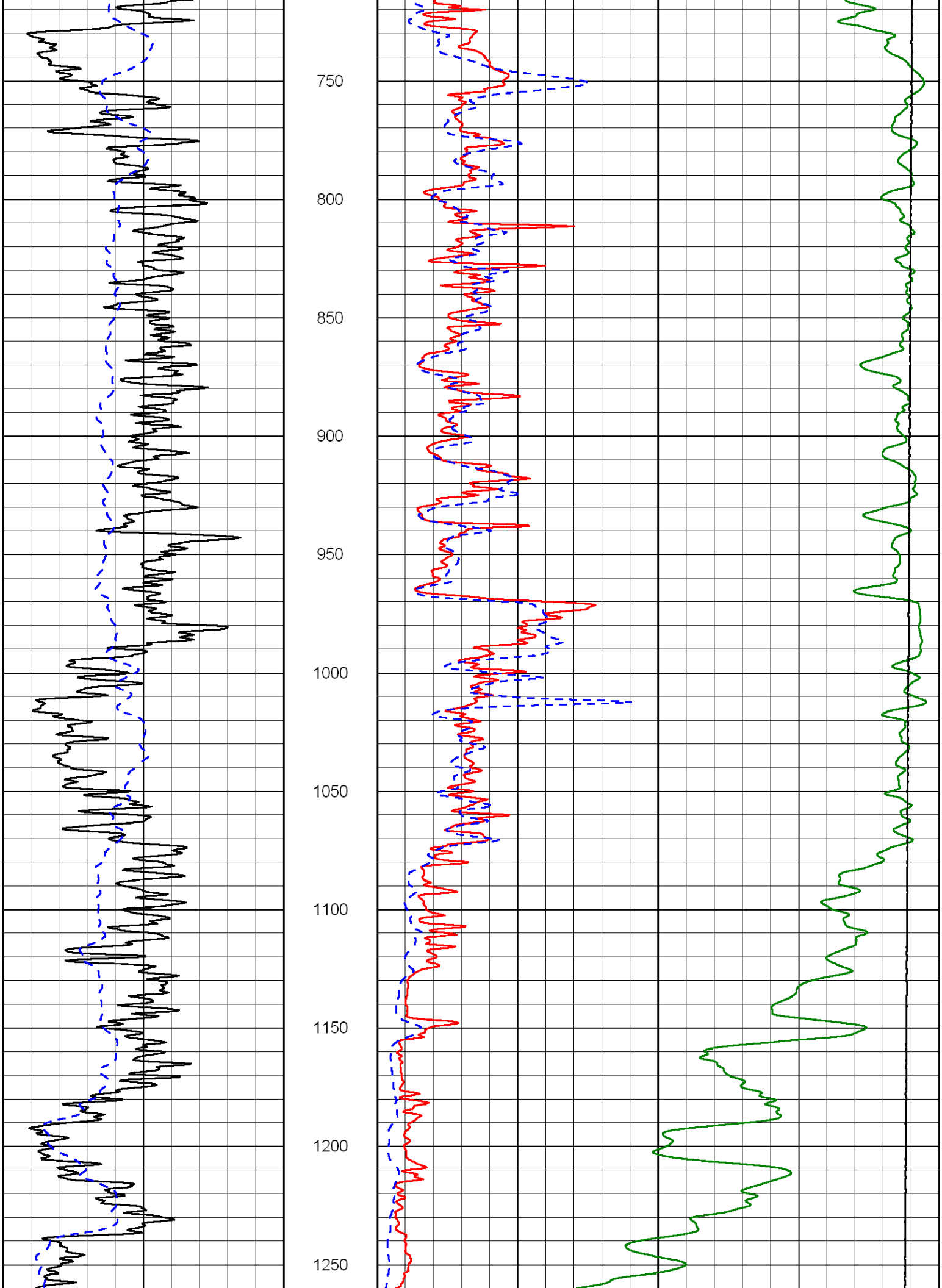
300
350
400
450
500
550
600
650
700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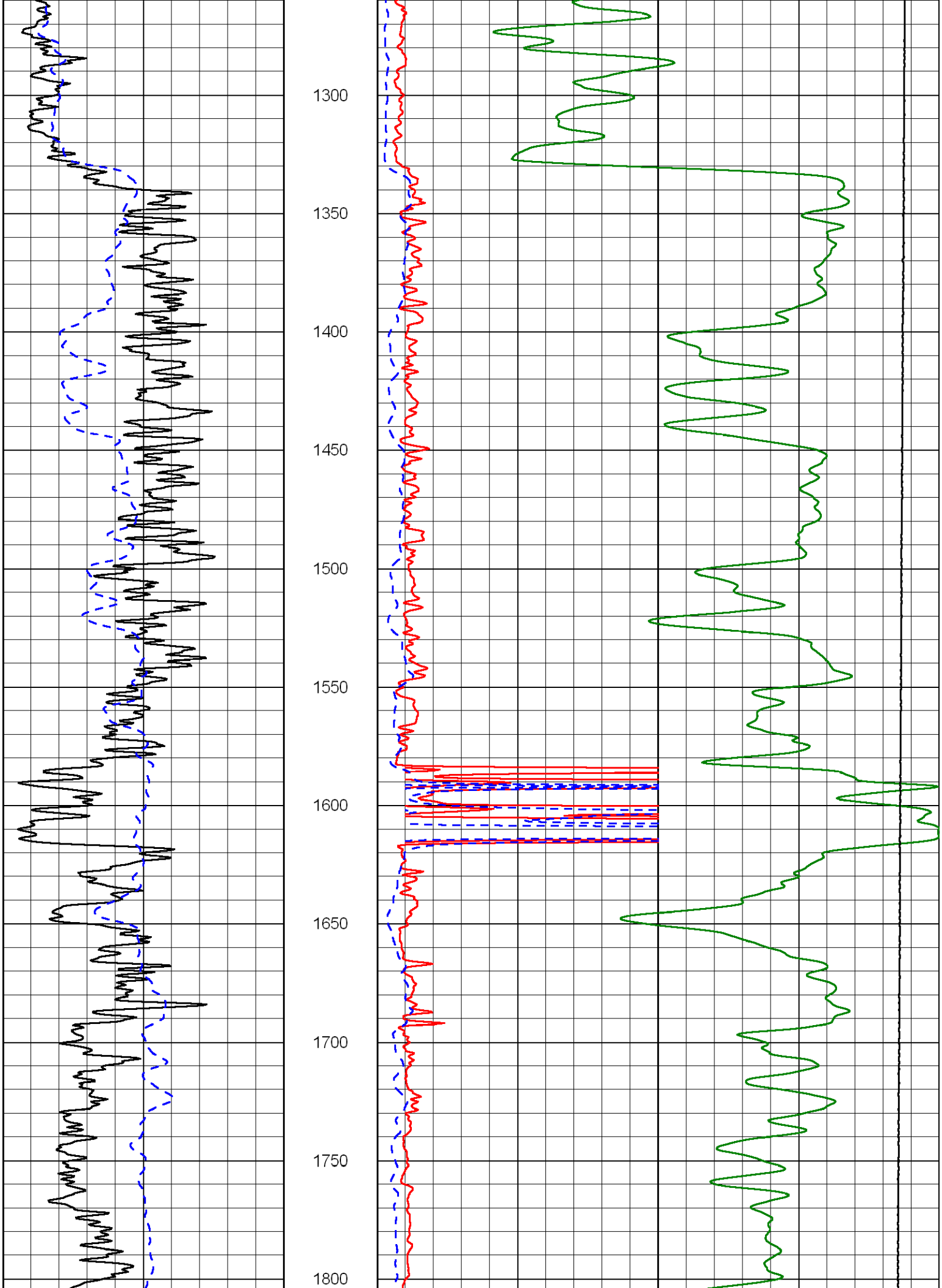
1100
1150
1200
1250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1550
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1700
1750
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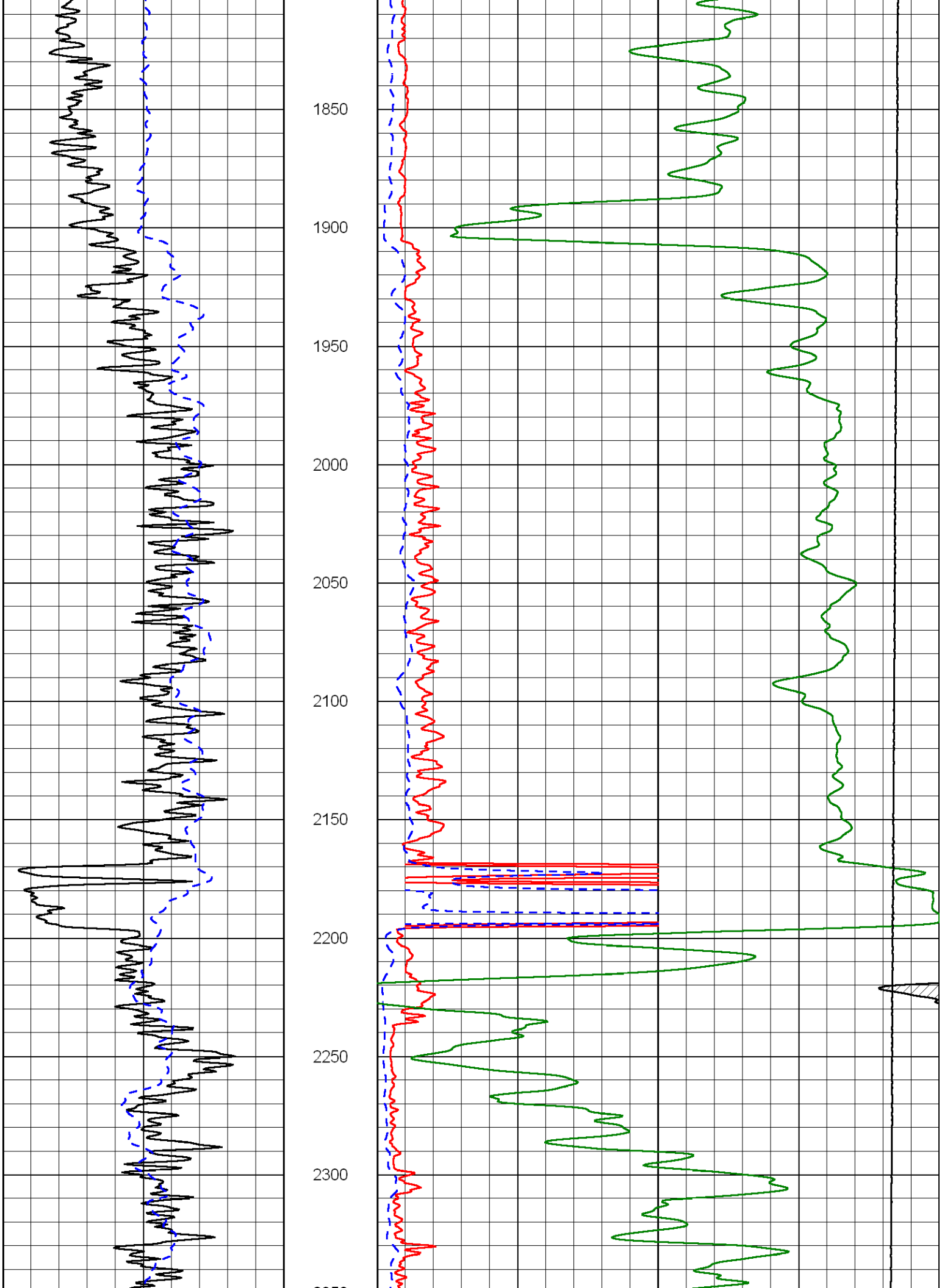
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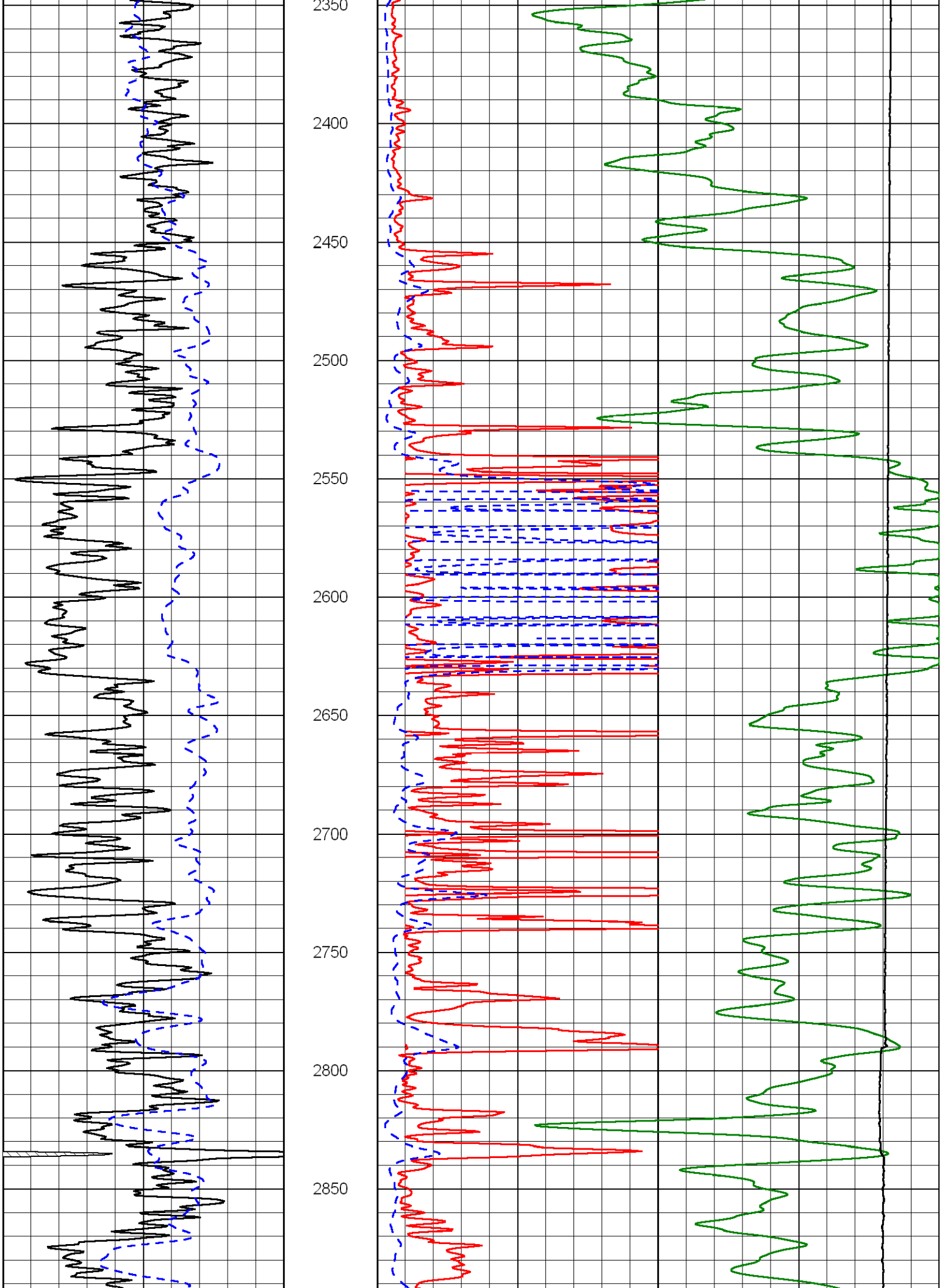
2300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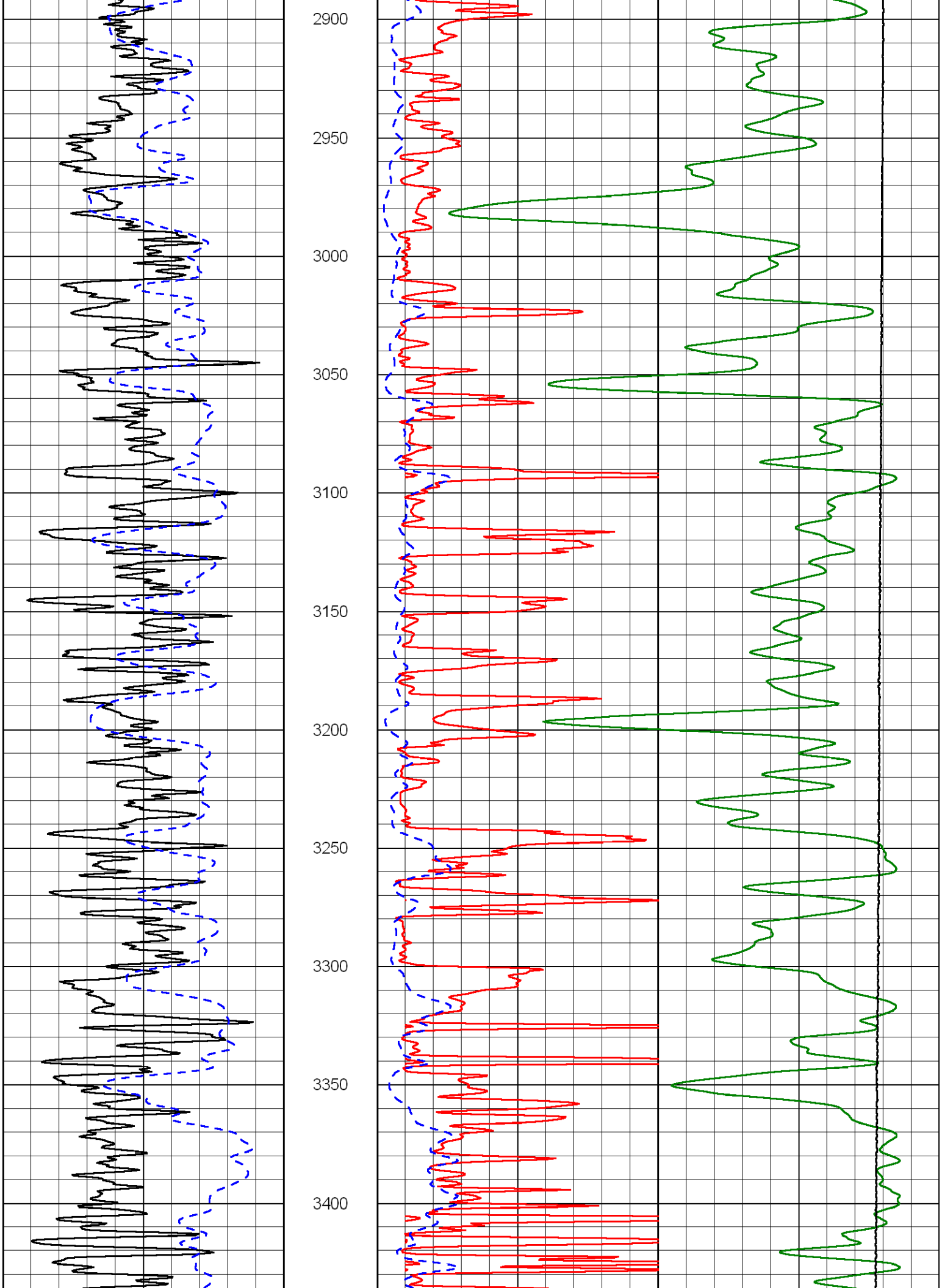
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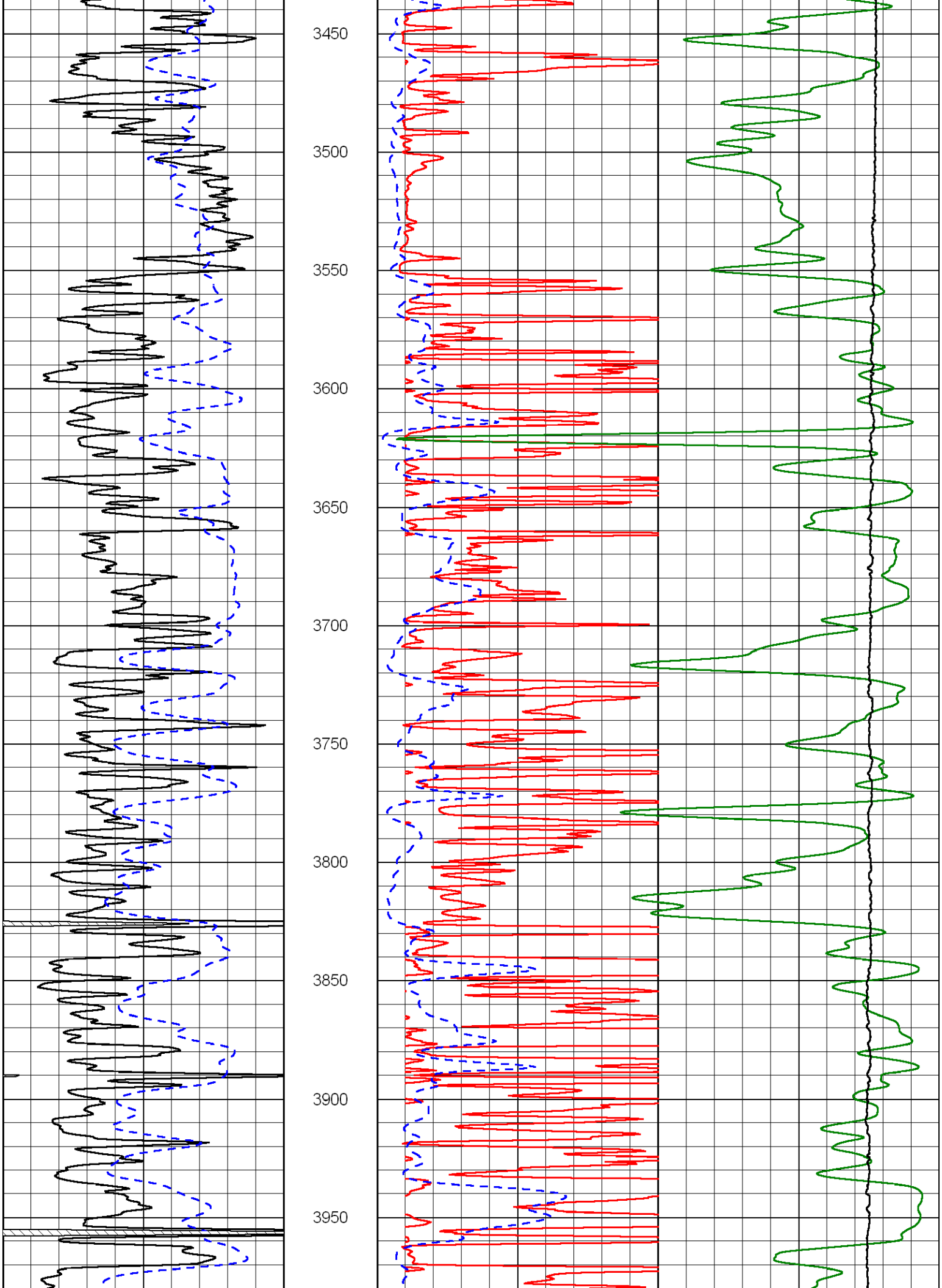
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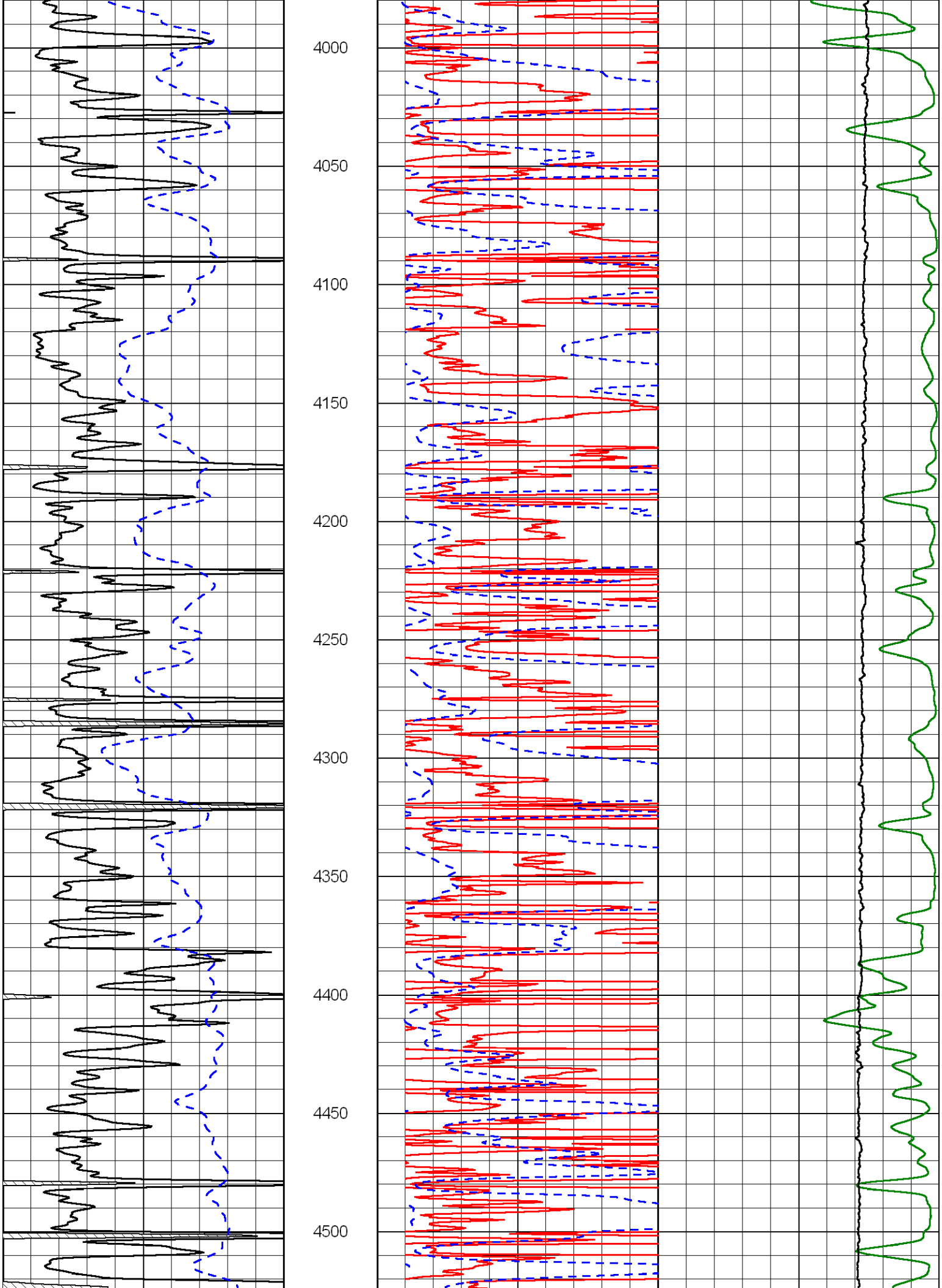
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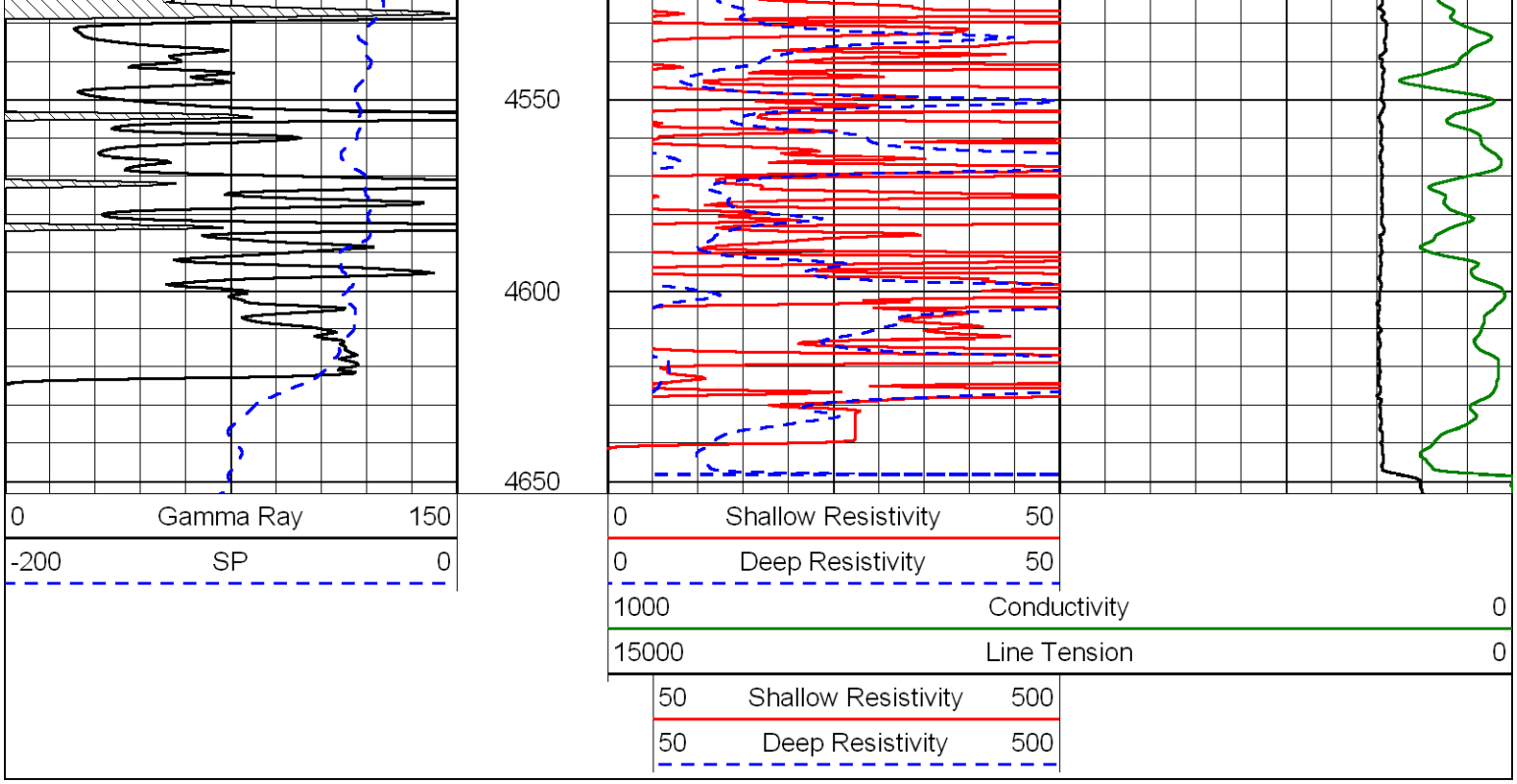
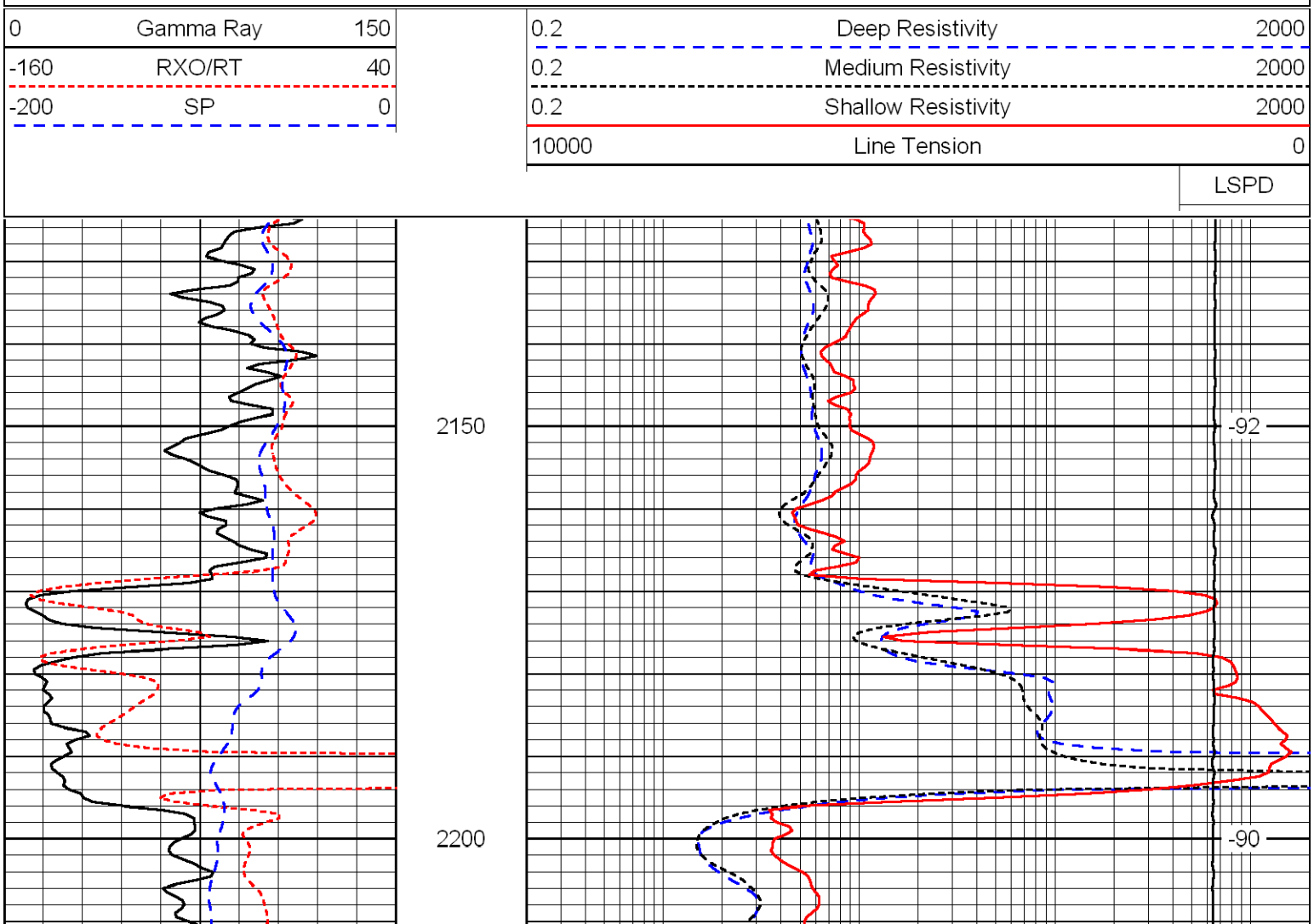
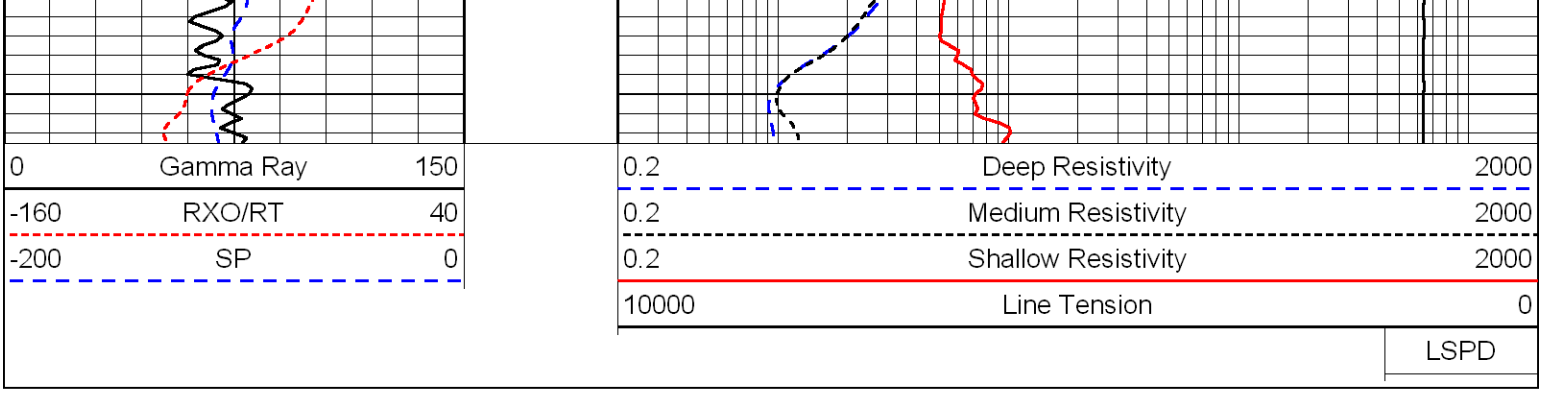


Database File: larson_091212hd.db
Dataset Pathname: dil/larstack
Presentation Format: dil
Dataset Creation: Wed Sep 12 22:11:32 2012
Charted by: Depth in Feet scaled 1:240





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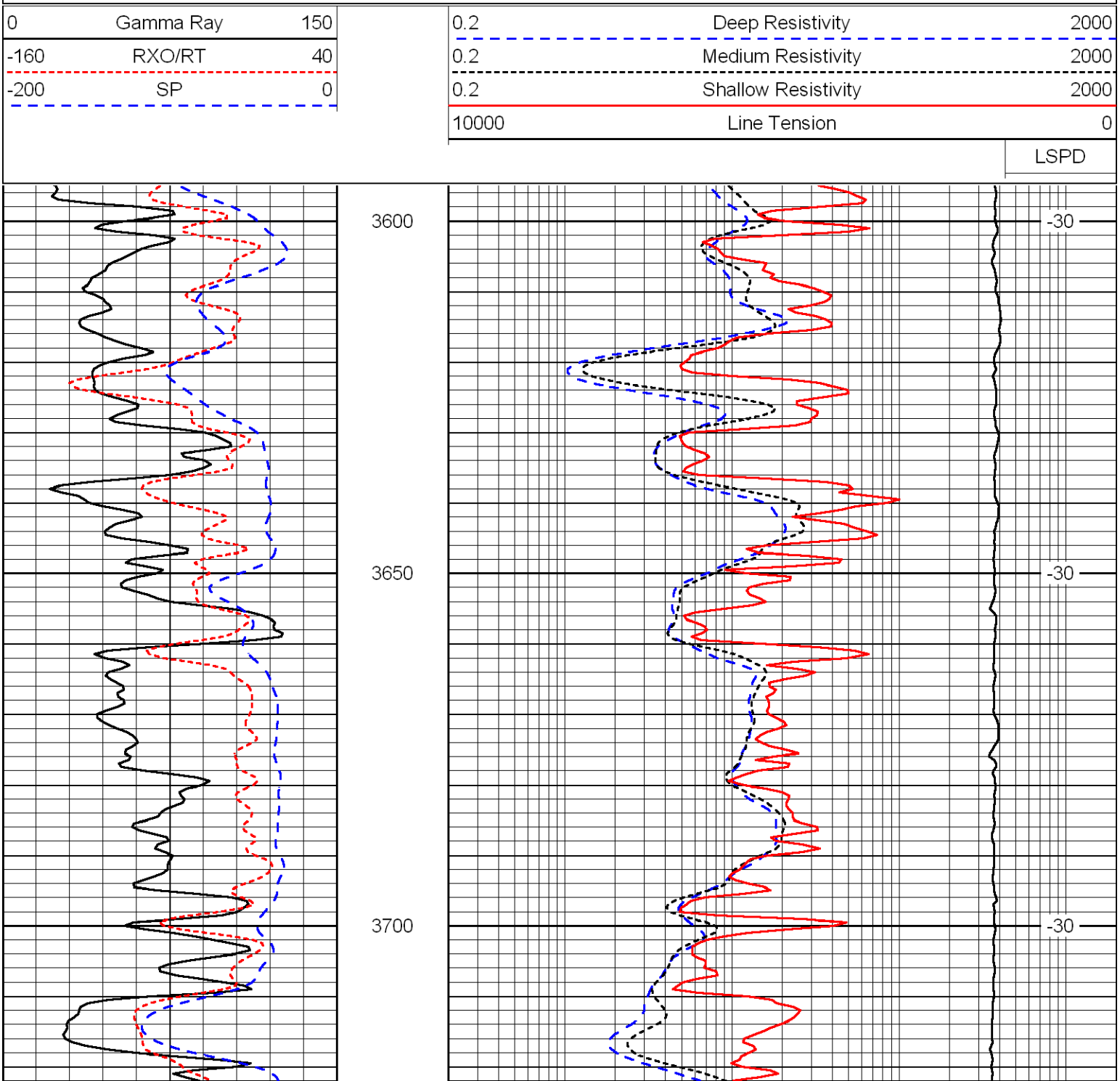

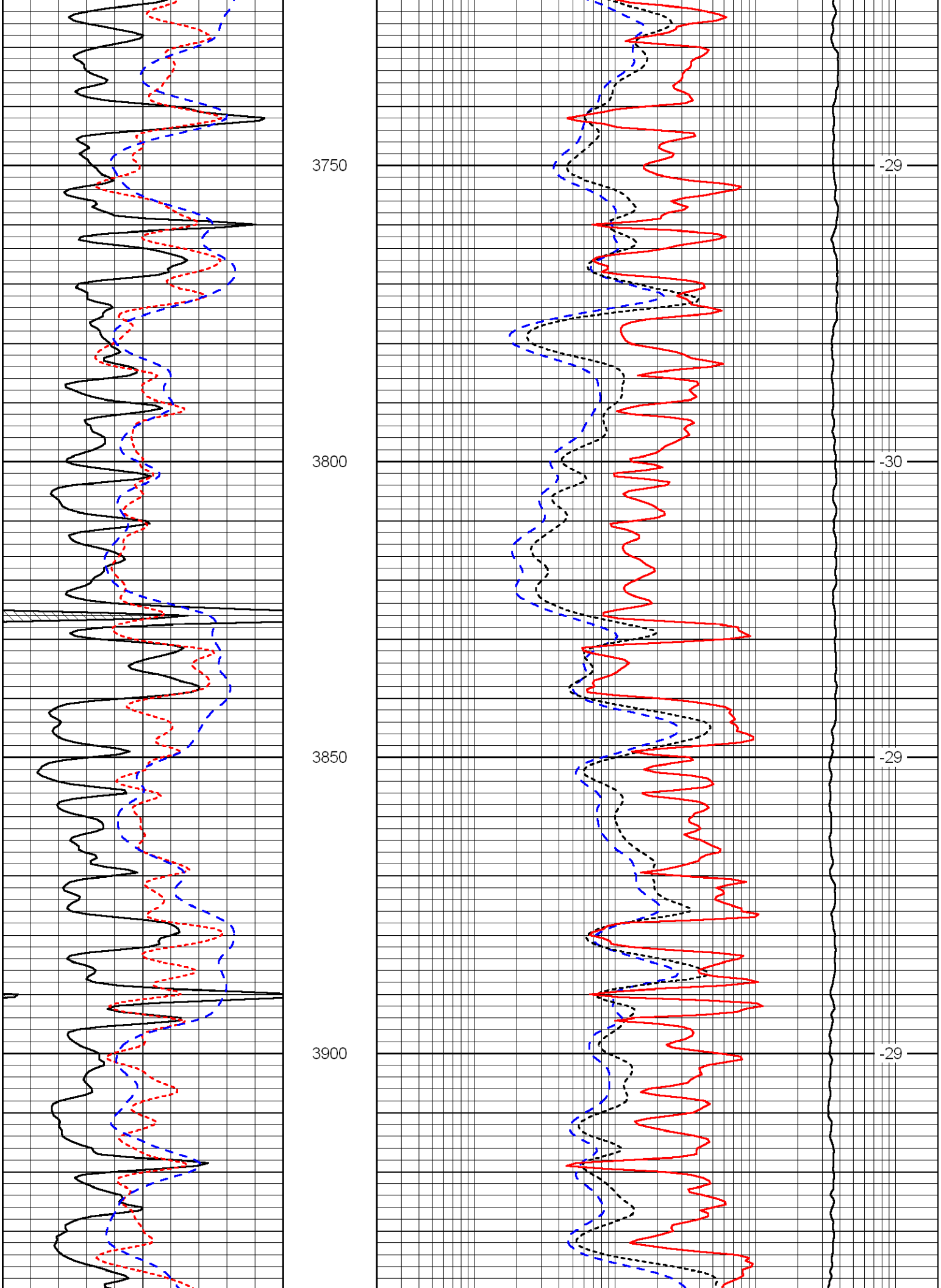
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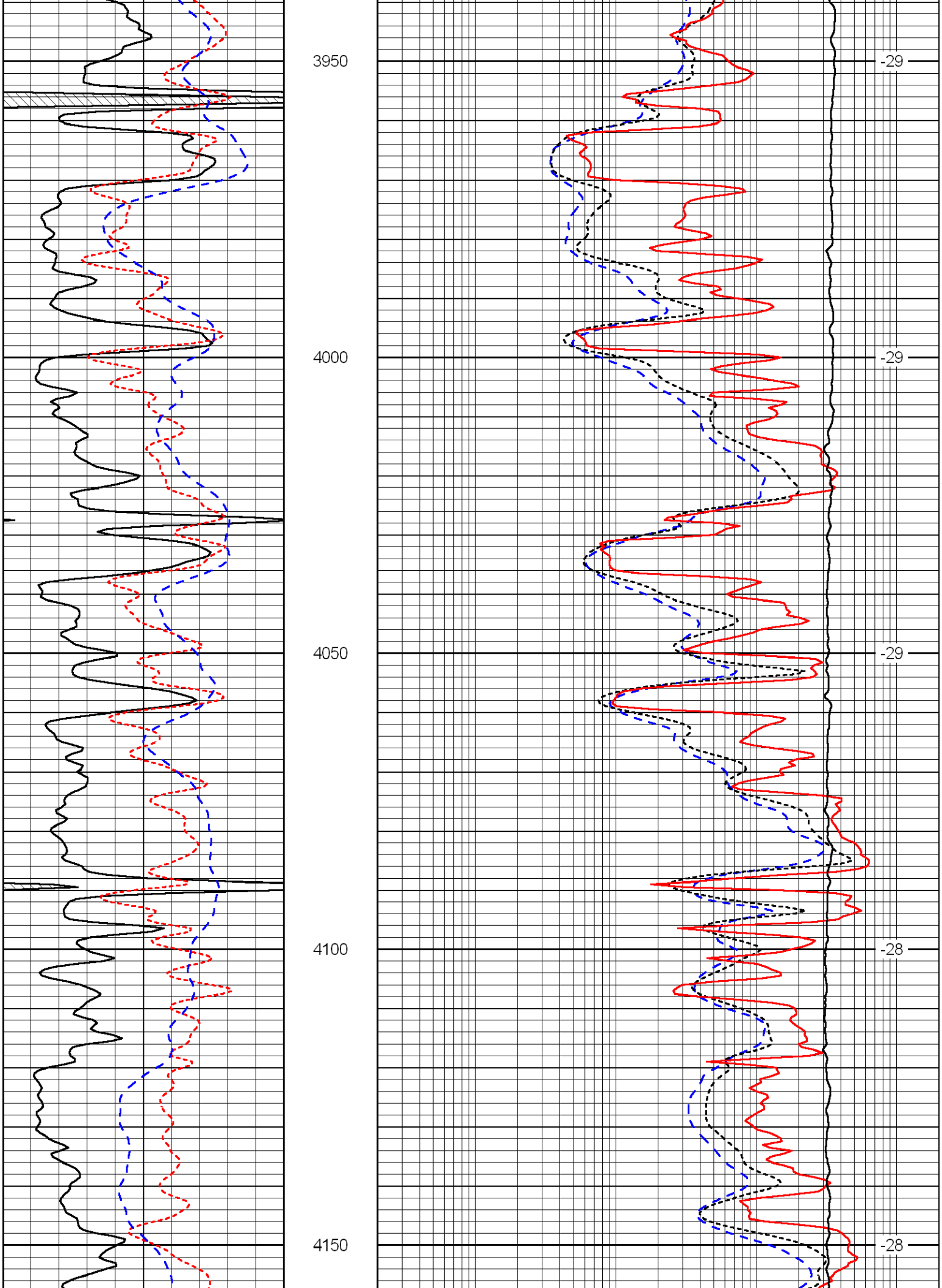
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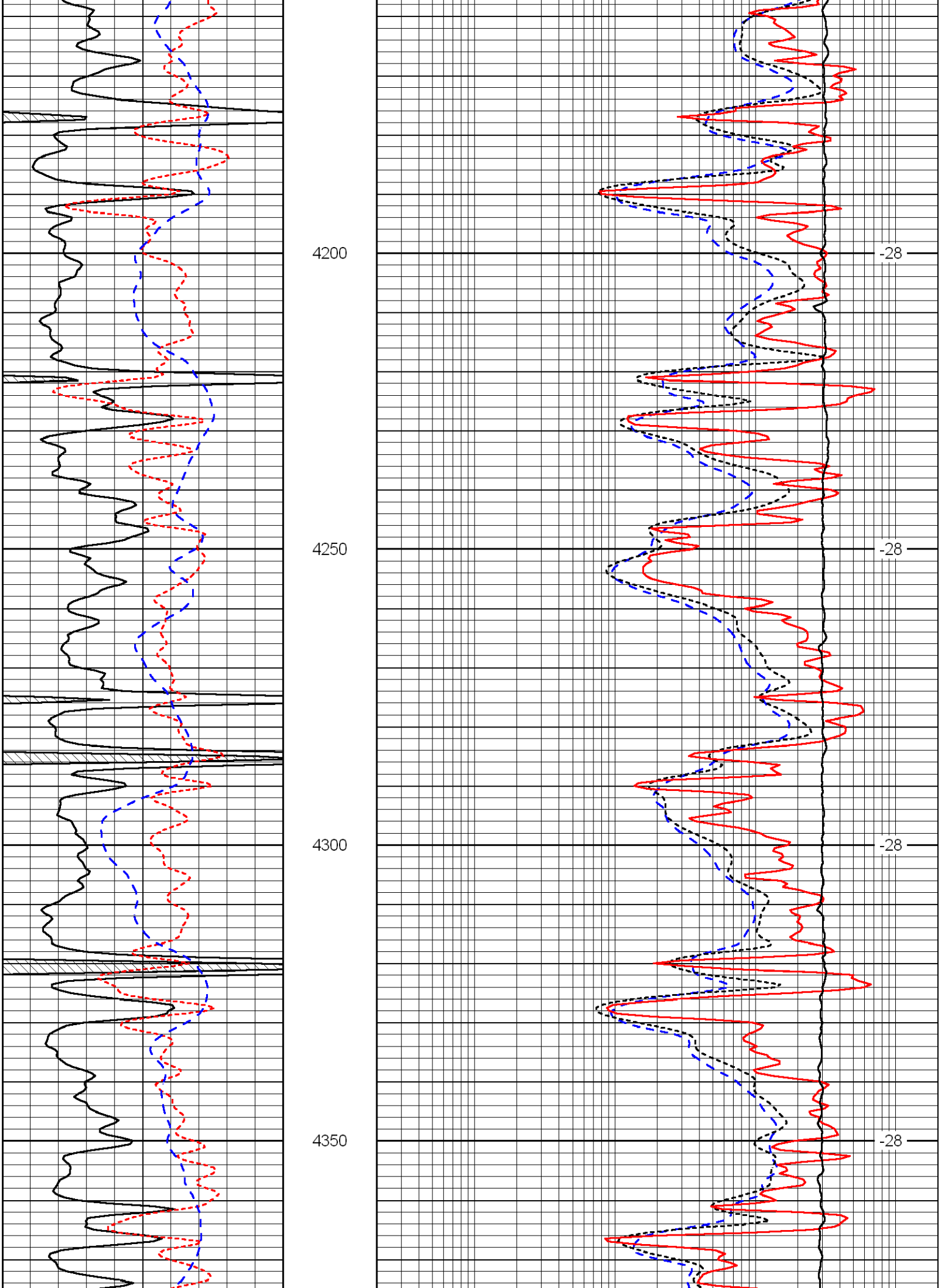
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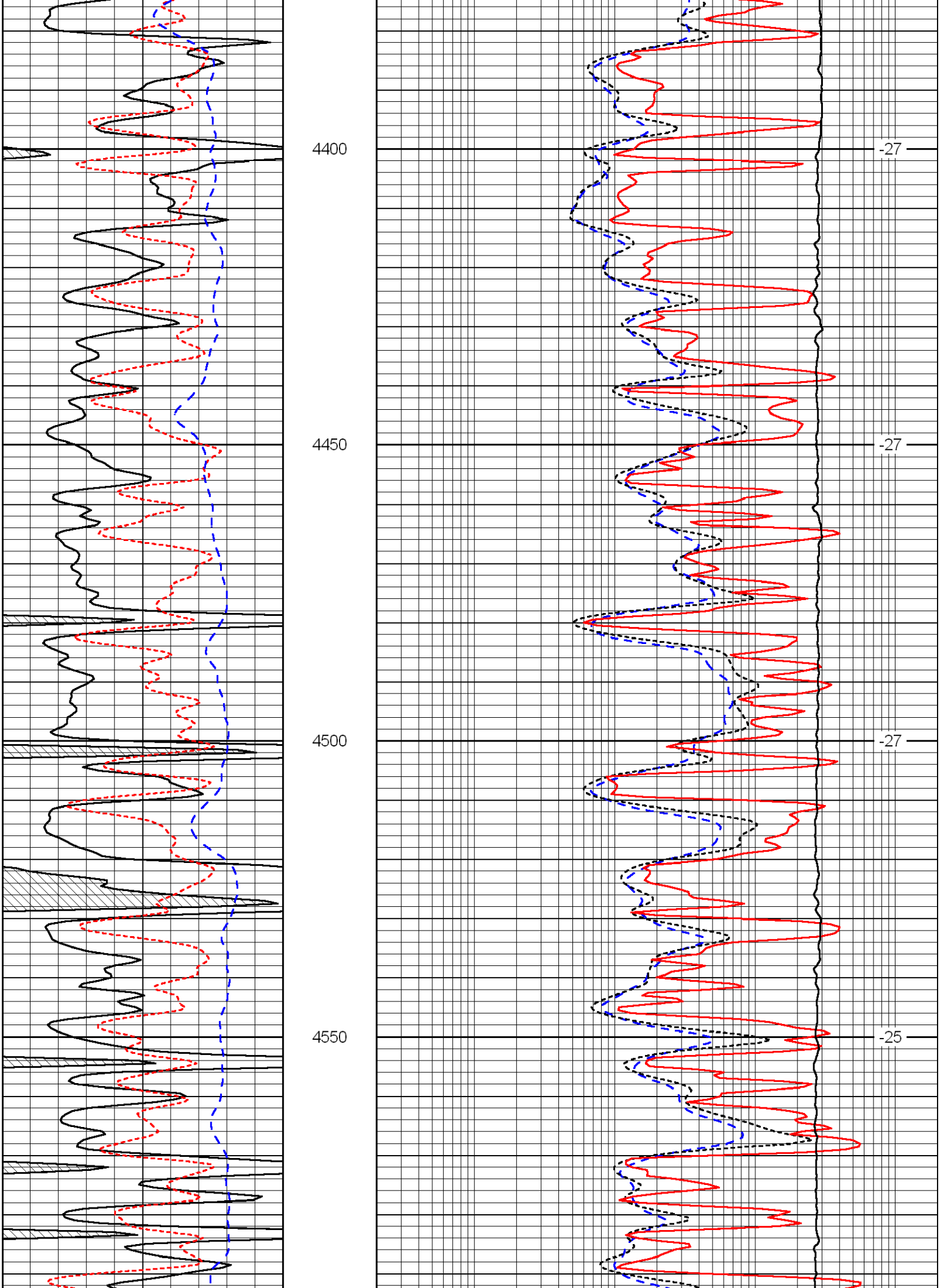
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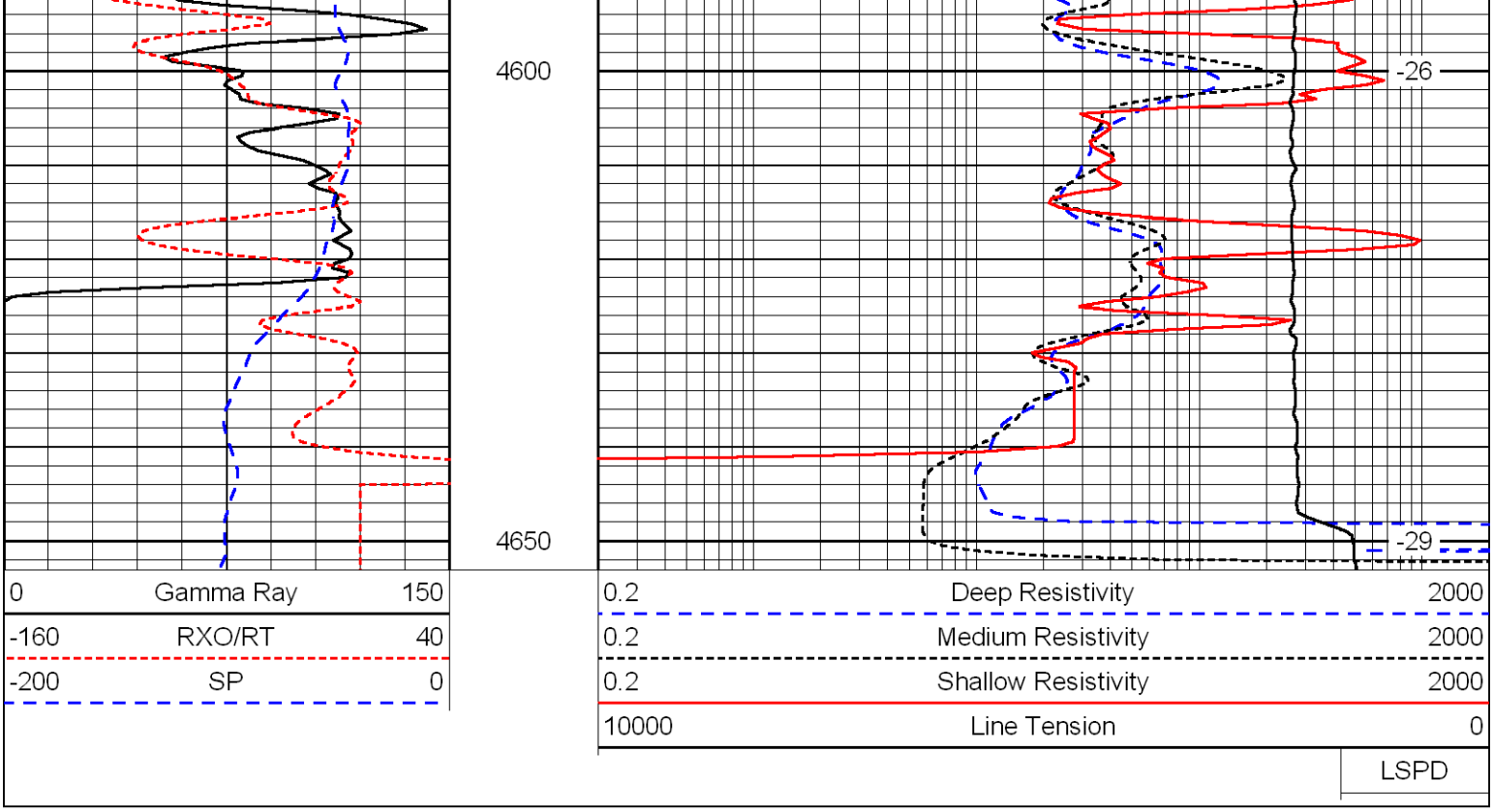

0	Gamma Ray	150
-160	RXO/RT	40
-200	SP	0

0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
10000	Line Tension	0

LSPD