PIONEER

Pioneer Energy Services

Dual Induction Log

Company	Larson Engineering, Inc.
Well	Rhonda No. 1-16
Field	Wildcat
County	Lane
State	Kansas
API No.	15-101-22,533-00-00
Location	NE-SW-NE-SW 1865' FSL & 1797' FWL Sec: 16 Twp: 18S Rge: 29W
Other Services	CNL/CDL MEL
Elevation	K.B. 2820 D.F. G.L. 2813

Permanent Datum	Ground Level	Elevation 2813	
Log Measured From	Kelly Bushing	7	Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing		
Date	8/31/14		
Run Number	One		
Depth Driller	4611		
Depth Logger	4610		
Bottom Logged Interval	4609		
Top Log Interval	250		
Casing Driller	8.625 @ 262		
Casing Logger	258		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity,ppm CL	2,400		
Density / Viscosity	9.1 | 54		
pH / Fluid Loss	10.0 | 8.4		
Source of Sample	Flowline		
Rm @ Meas. Temp	.50 @ 80		
Rmf @ Meas. Temp	.38 @ 80		
Rmc @ Meas. Temp	.68 @ 80		
Source of Rmf / Rmc	Charts		
Rm @ BHT	.33 @ 122		
Operating Rig Time	3 1/2 Hours		
Max. Rec. Temp. F	122		
Equipment Number	10		
Location	Hays		
Recorded By	J. Henrickson		
Witnessed By	Vern Schrag		

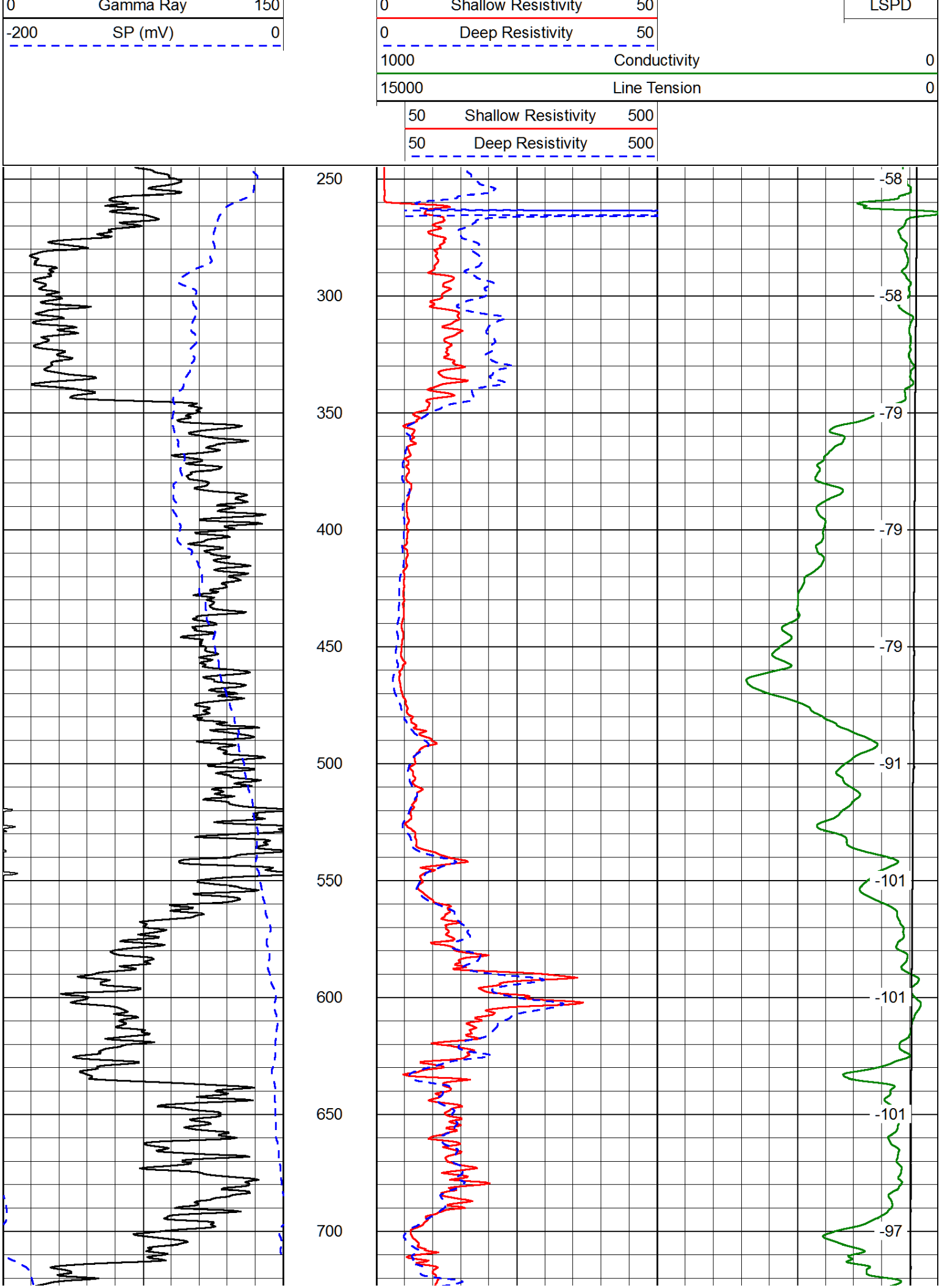
<<< Fold Here >>>

Comments

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

Dighton KS
4 West to Hickock, 1/3 North, East Into

Database File:	larson_rhonda_1_16hd.db
Dataset Pathname:	DIL/larstk
Presentation Format:	dil2in
Dataset Creation:	Sun Aug 31 20:32:06 2014
Charted by:	Depth in Feet scaled 1:600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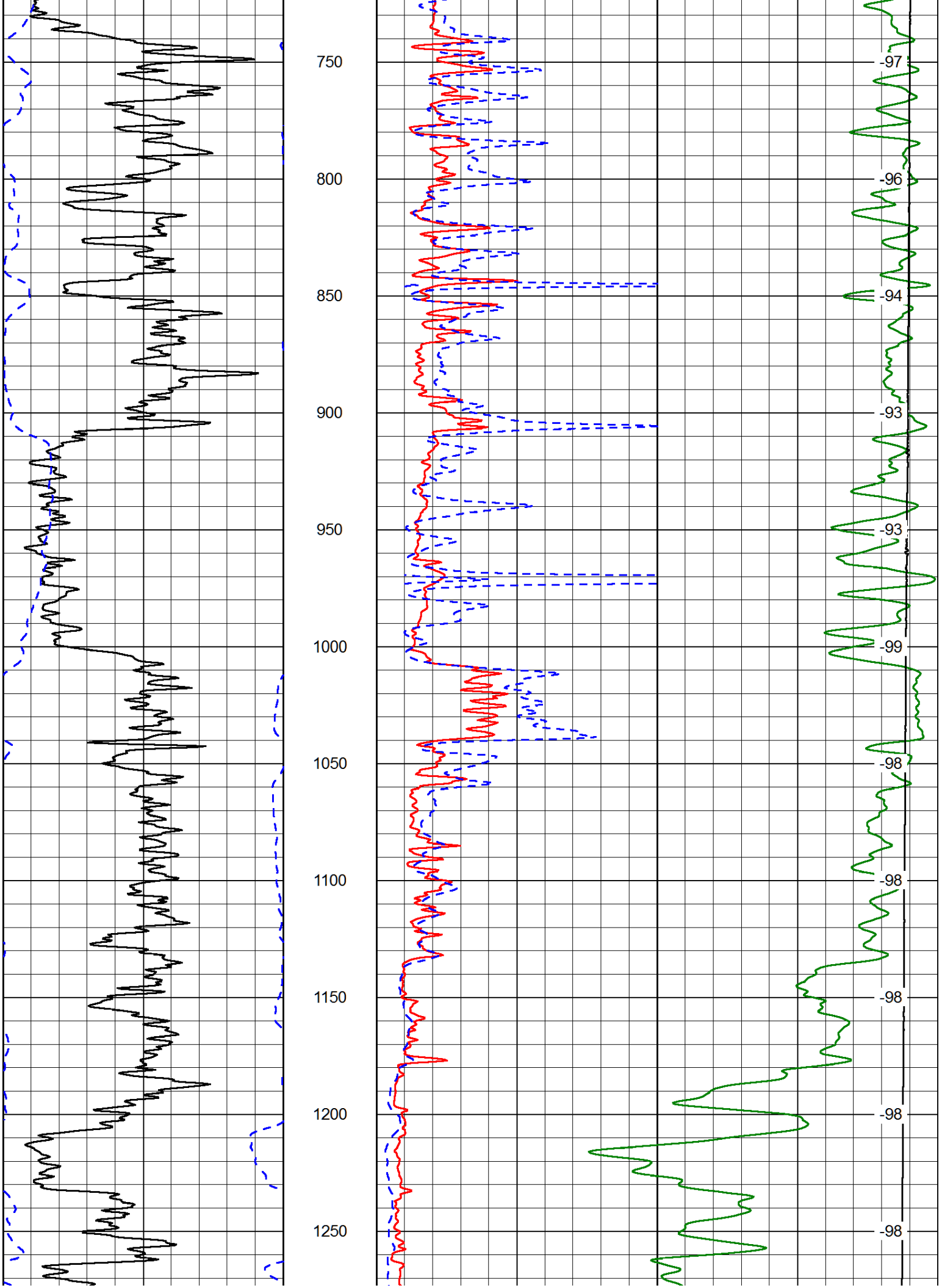
-200 SP (mV) 0
0 Shallow Resistivity 50
0 Deep Resistivity 50
1000 Conductivity 0
15000 Line Tension 0
50 Shallow Resistivity 500
50 Deep Resistivity 500
LSPD
250
300
350
400
450
500
550
600
650
700
-58
-58
-79
-79
-79
-91
-101
-101
-101
-97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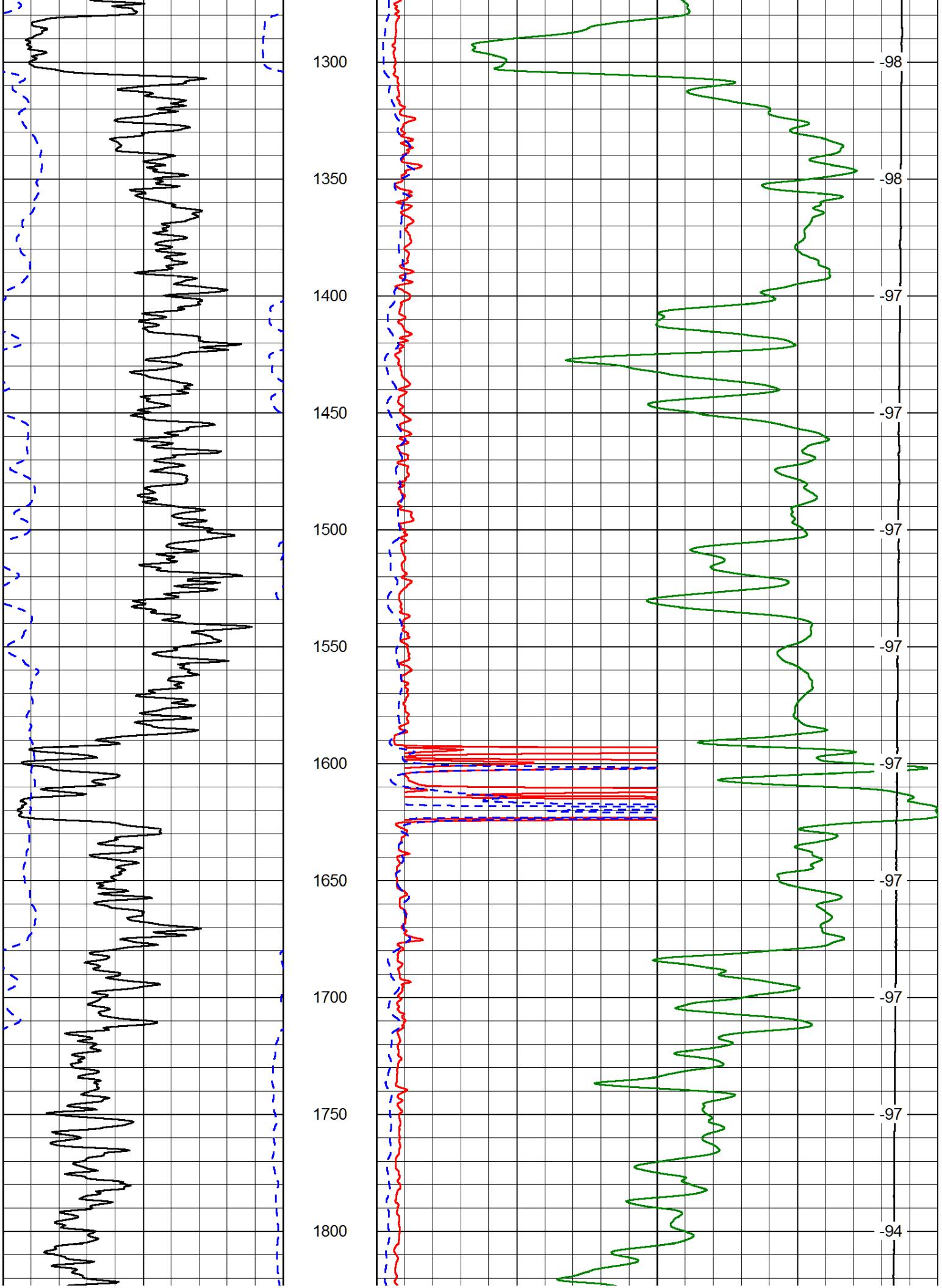
-98
-98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1350
1400
1450
1500
1550
1600
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1700
1750
1800
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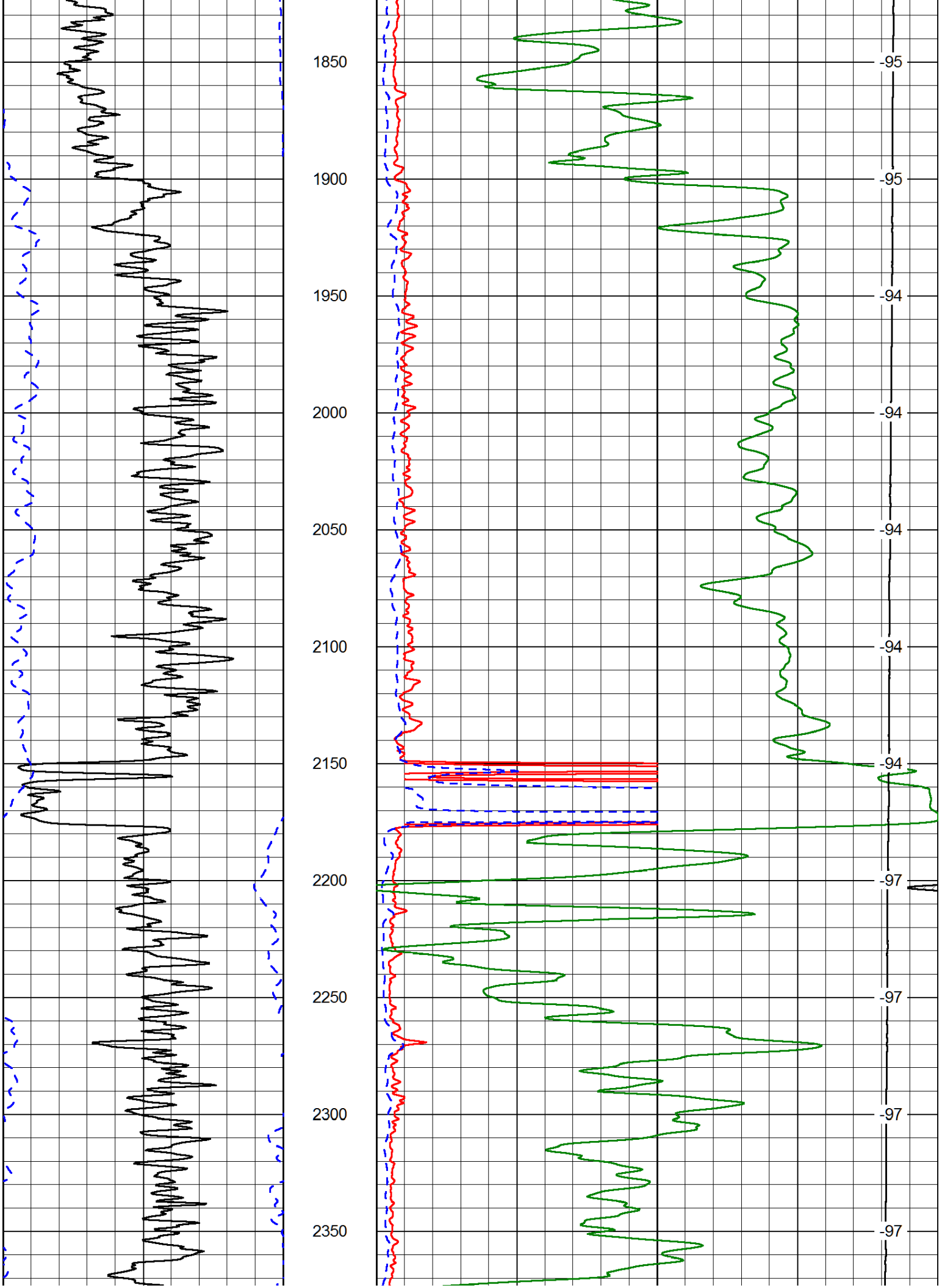
-98
-97
-97
-97
-97
-97
-97
-97
-94


1850
1900
1950
2000
2050
2100
2150
2200
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2350
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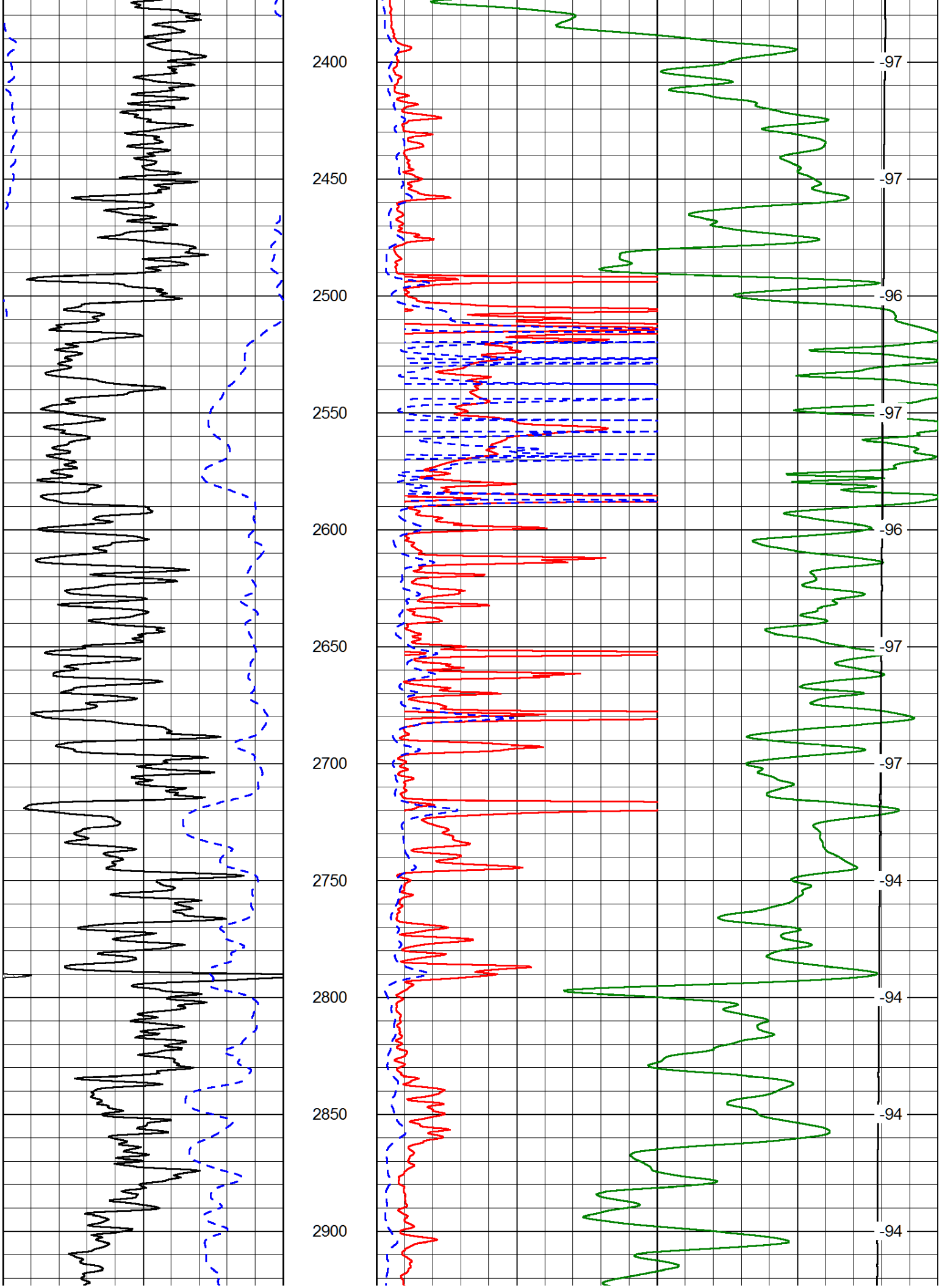
-94
-94
-97
-97
-97
-97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2450
2500
2550
2600
2650
2700
2750
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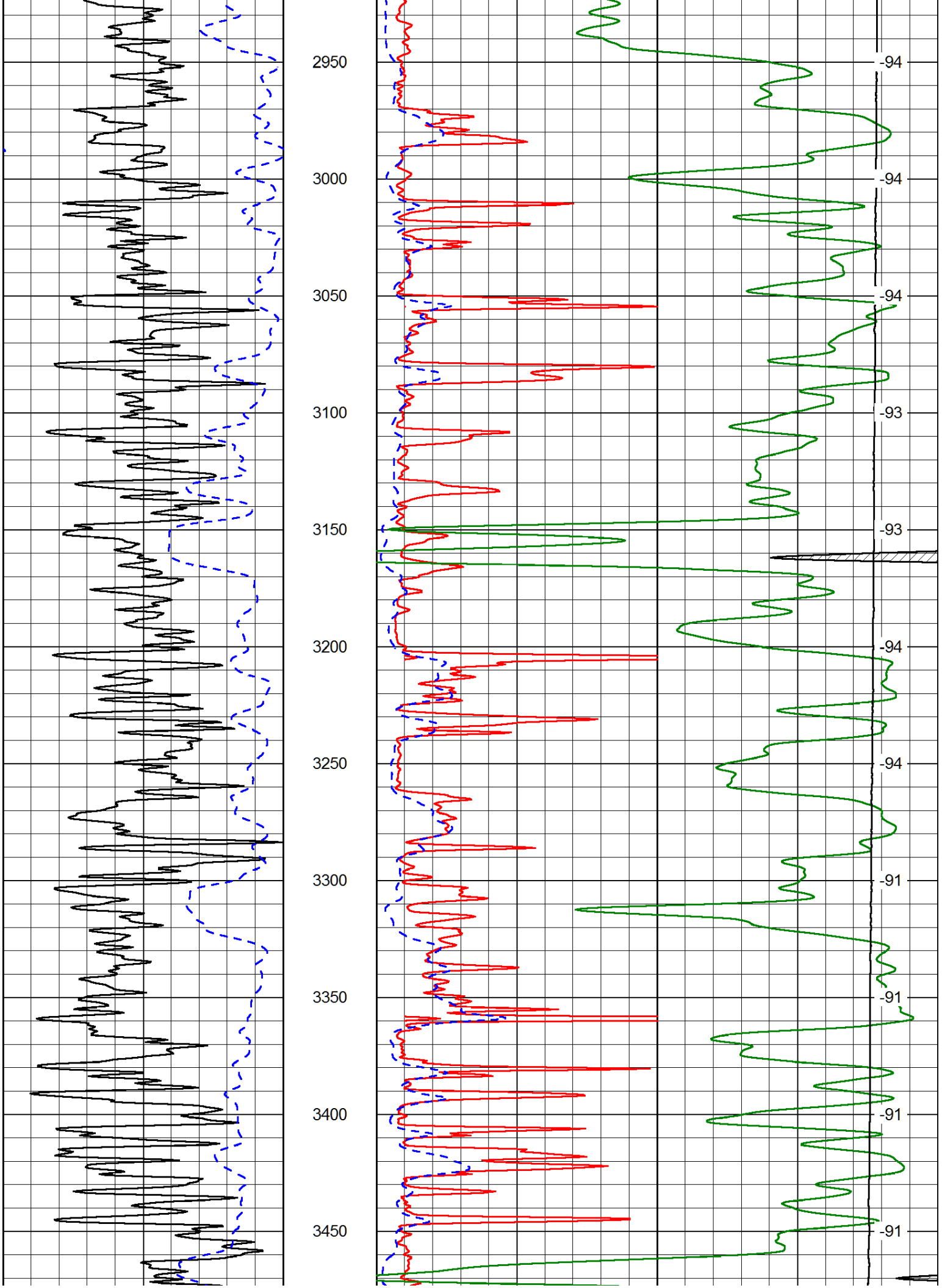
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3100
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3200
3250
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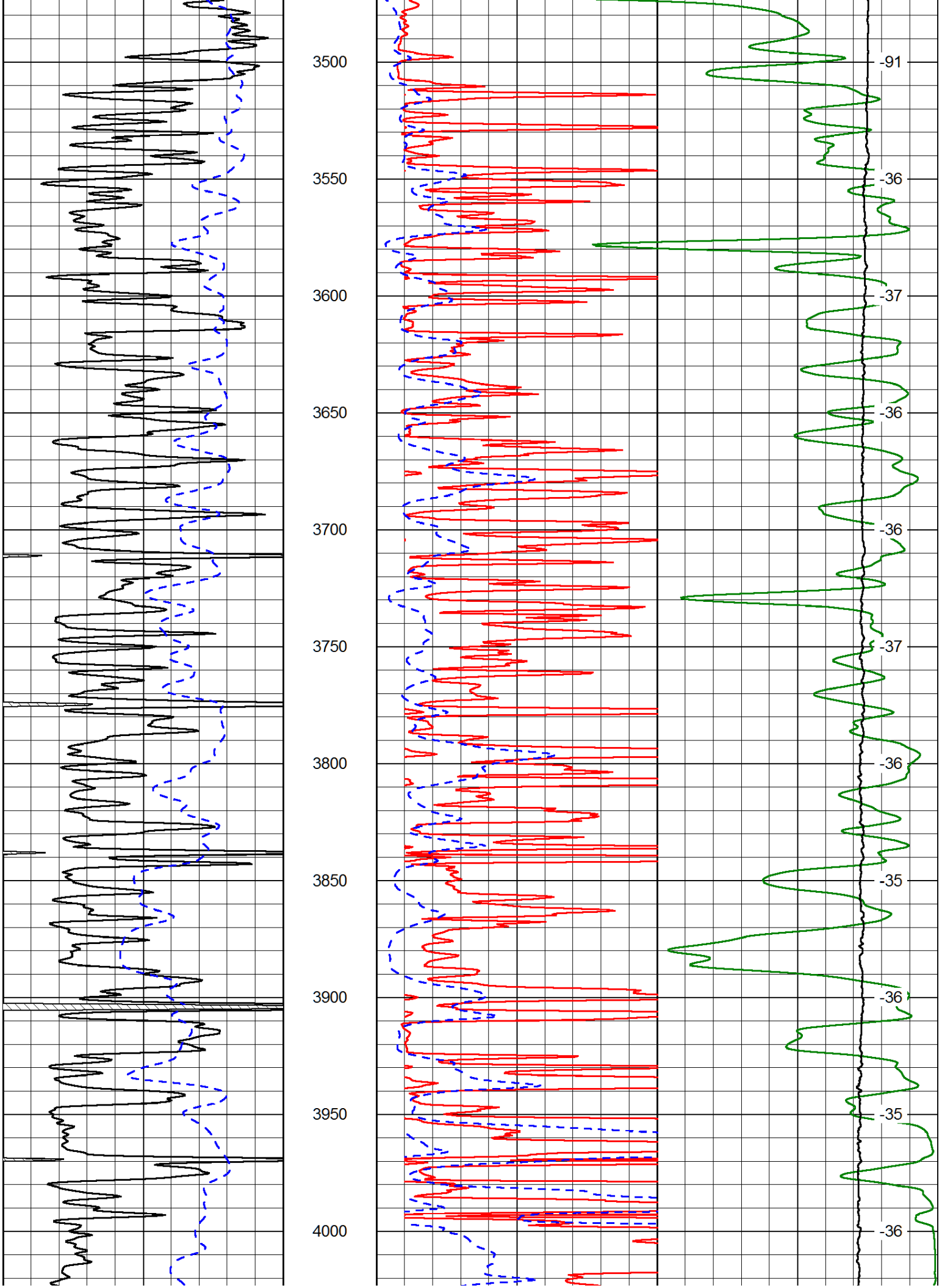
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3650
3700
3750
3800
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-36
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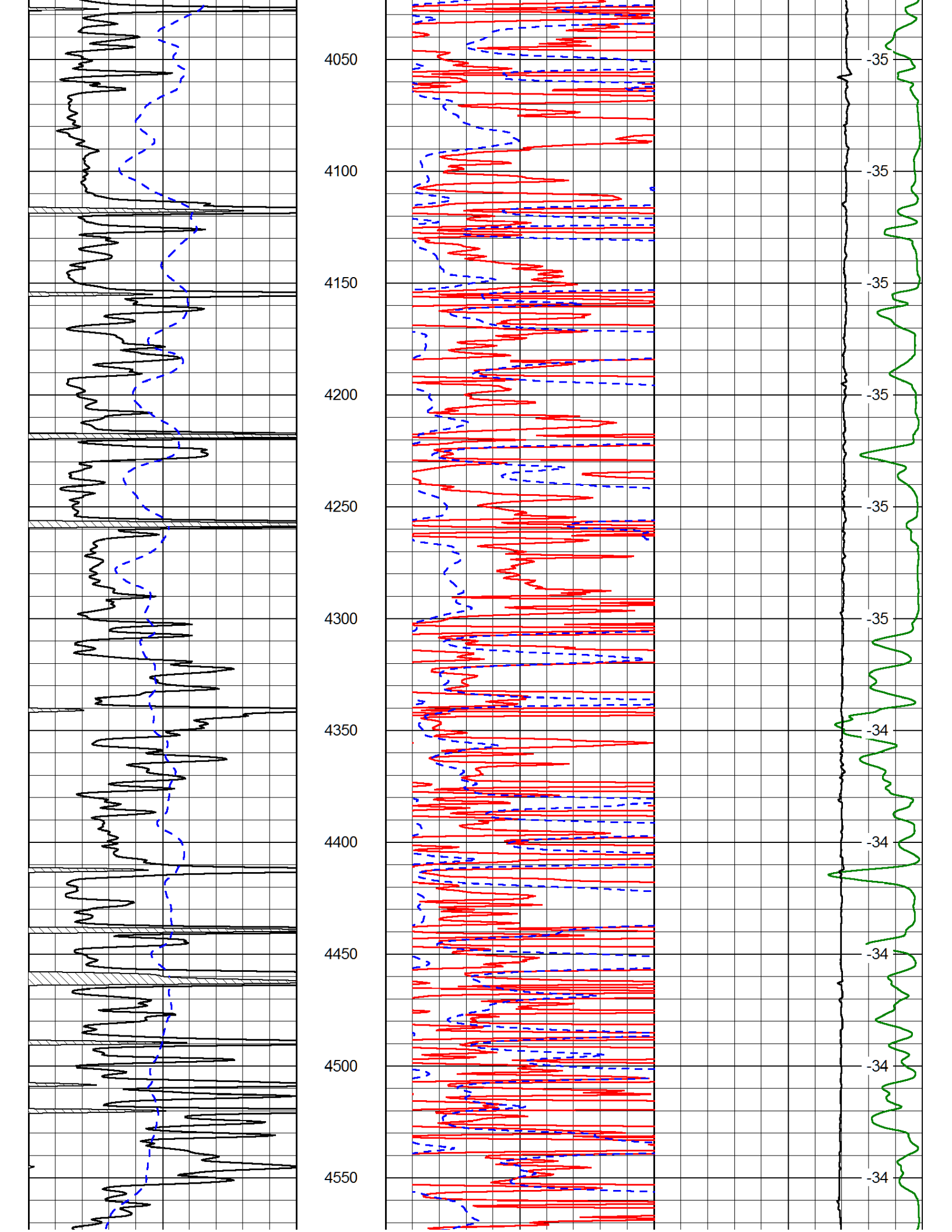
-36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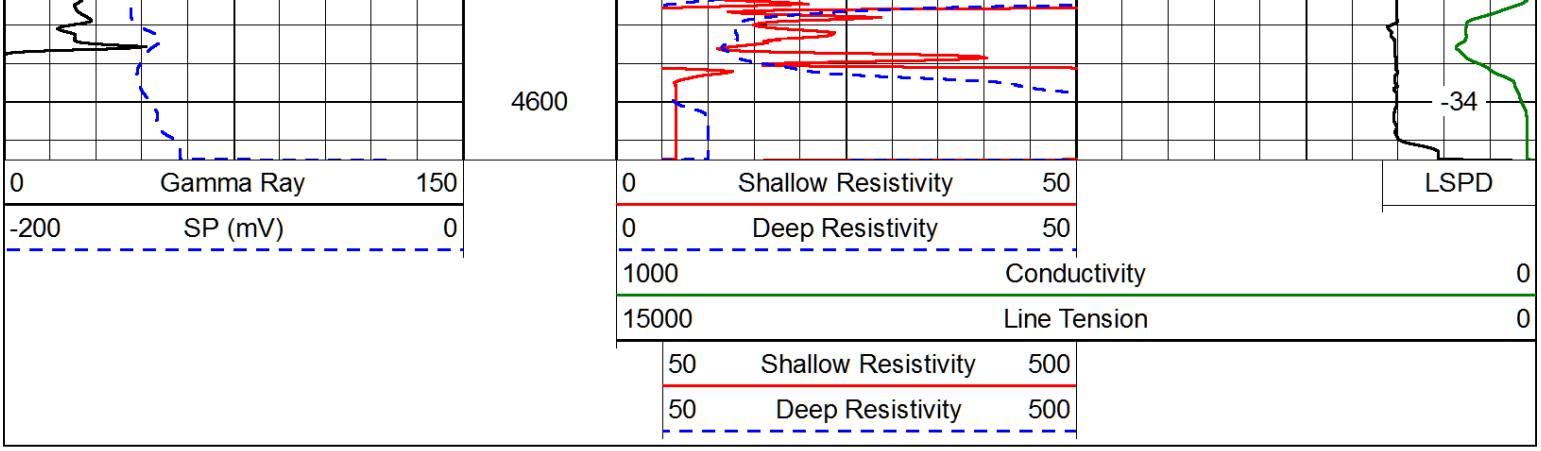

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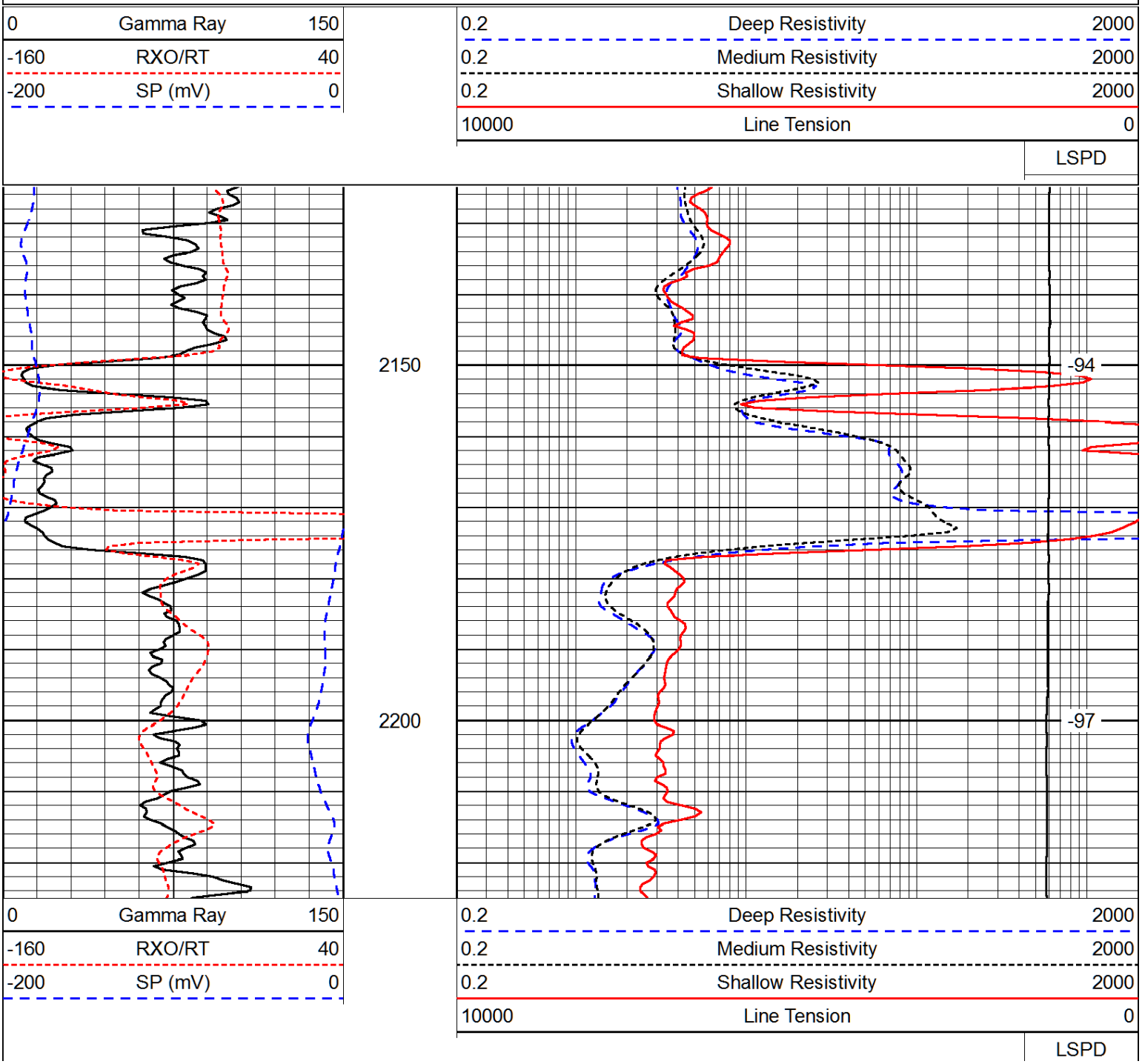
Presentation Format:	dil
Dataset Creation:	Sun Aug 31 20:32:06 2014
Charted by:	Depth in Feet scaled 1:240



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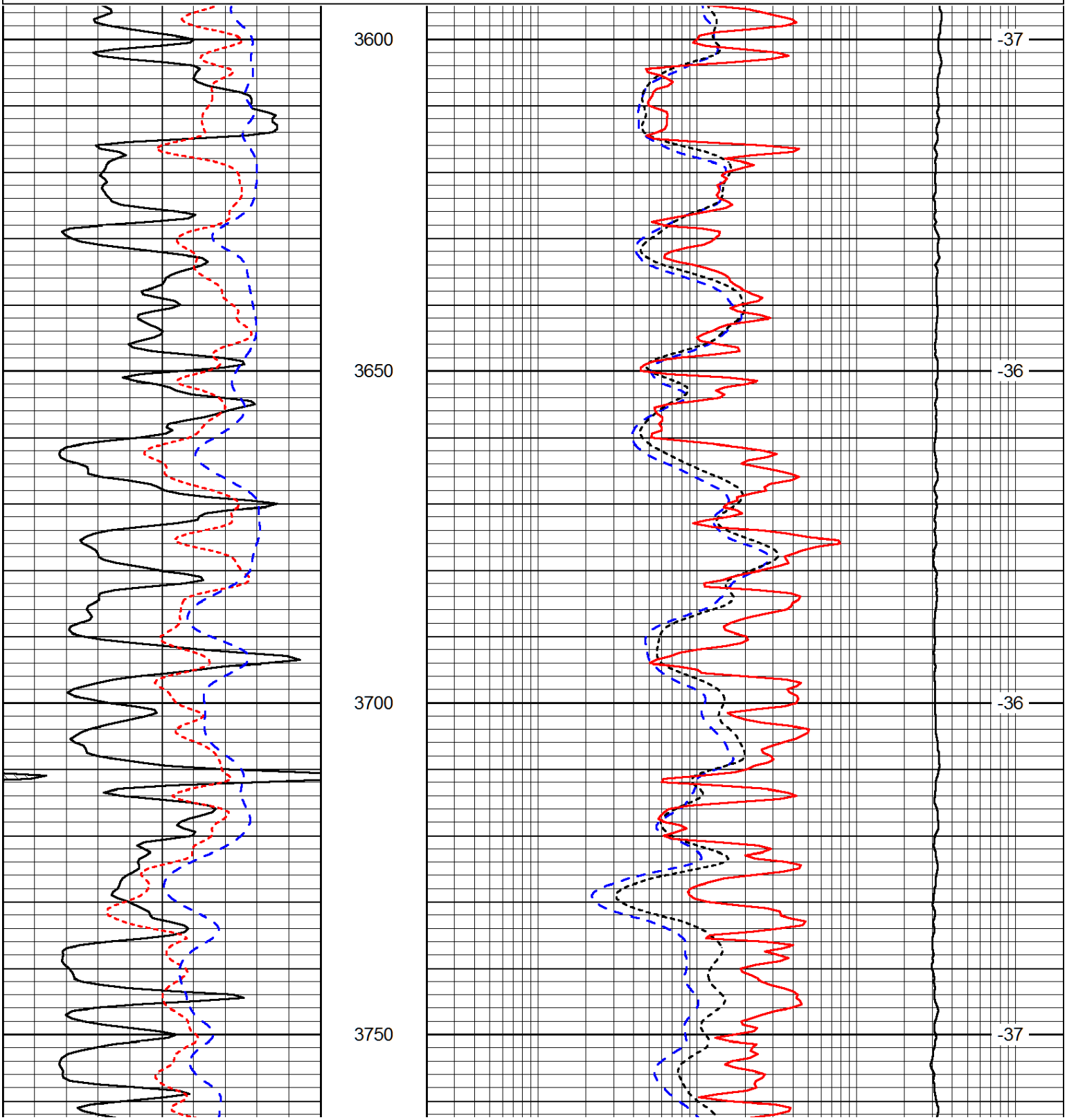
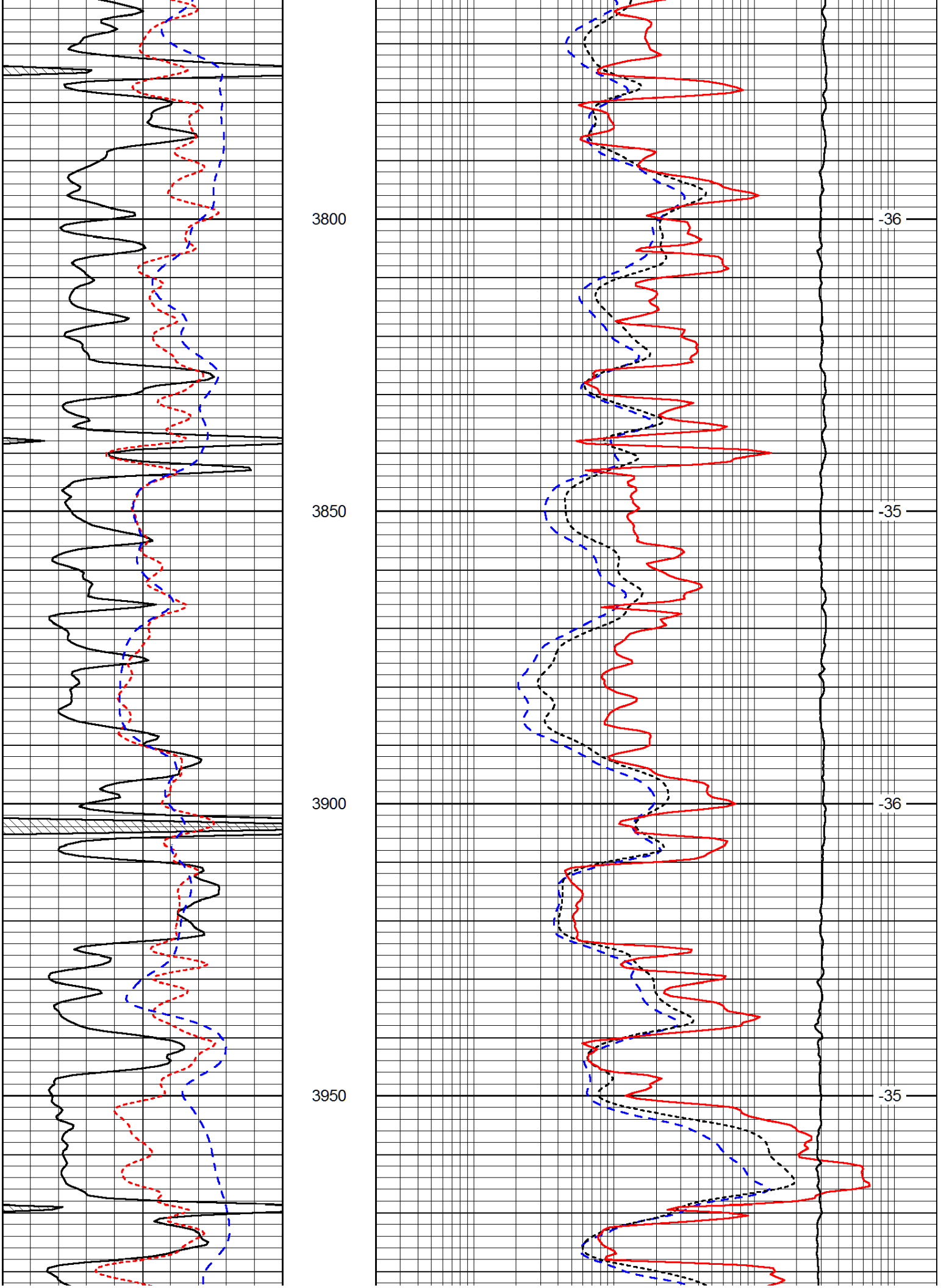
0	Gamma Ray	150
-160	RXO/RT	40
-200	SP (mV)	0

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

LSPD

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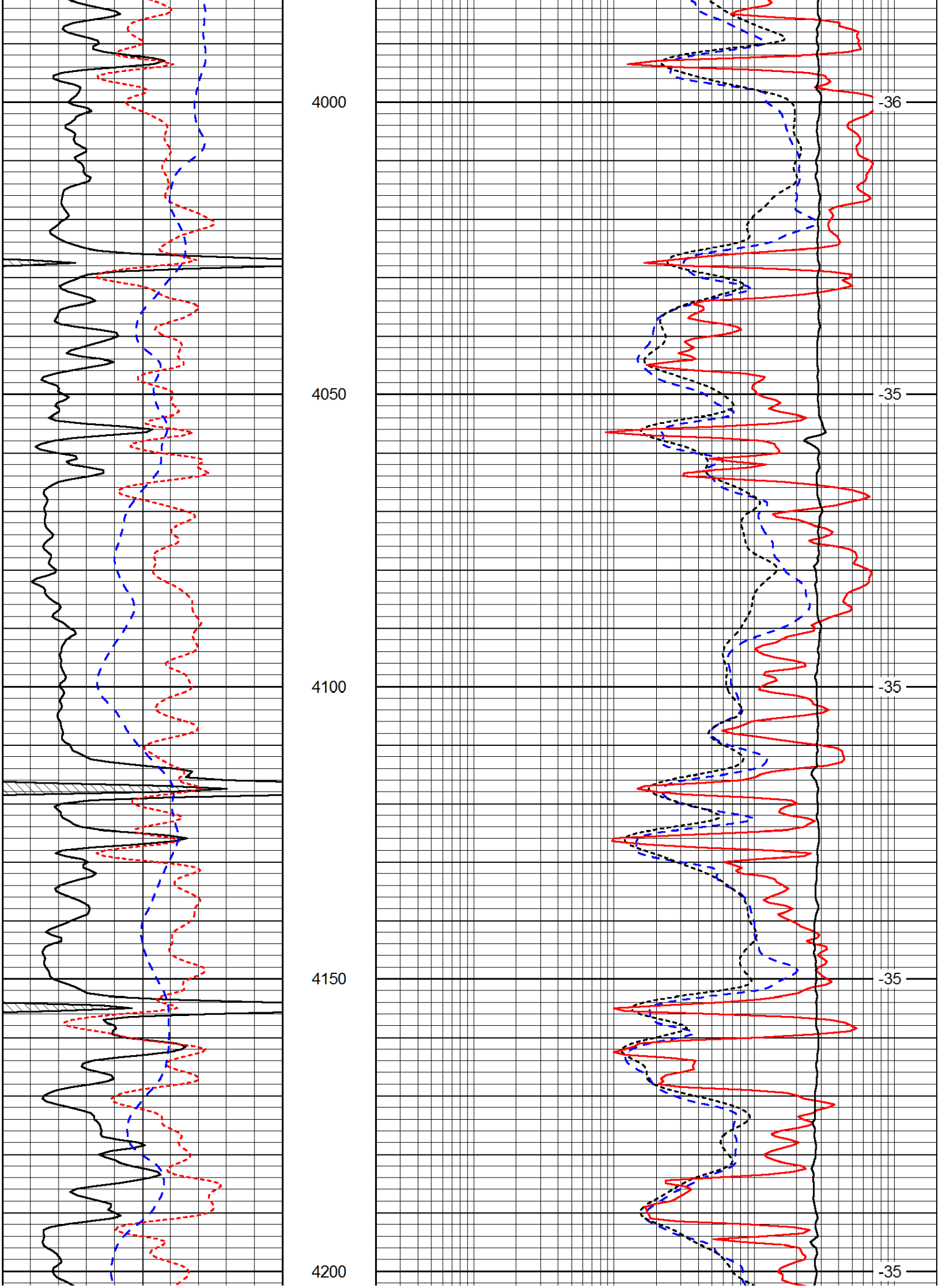
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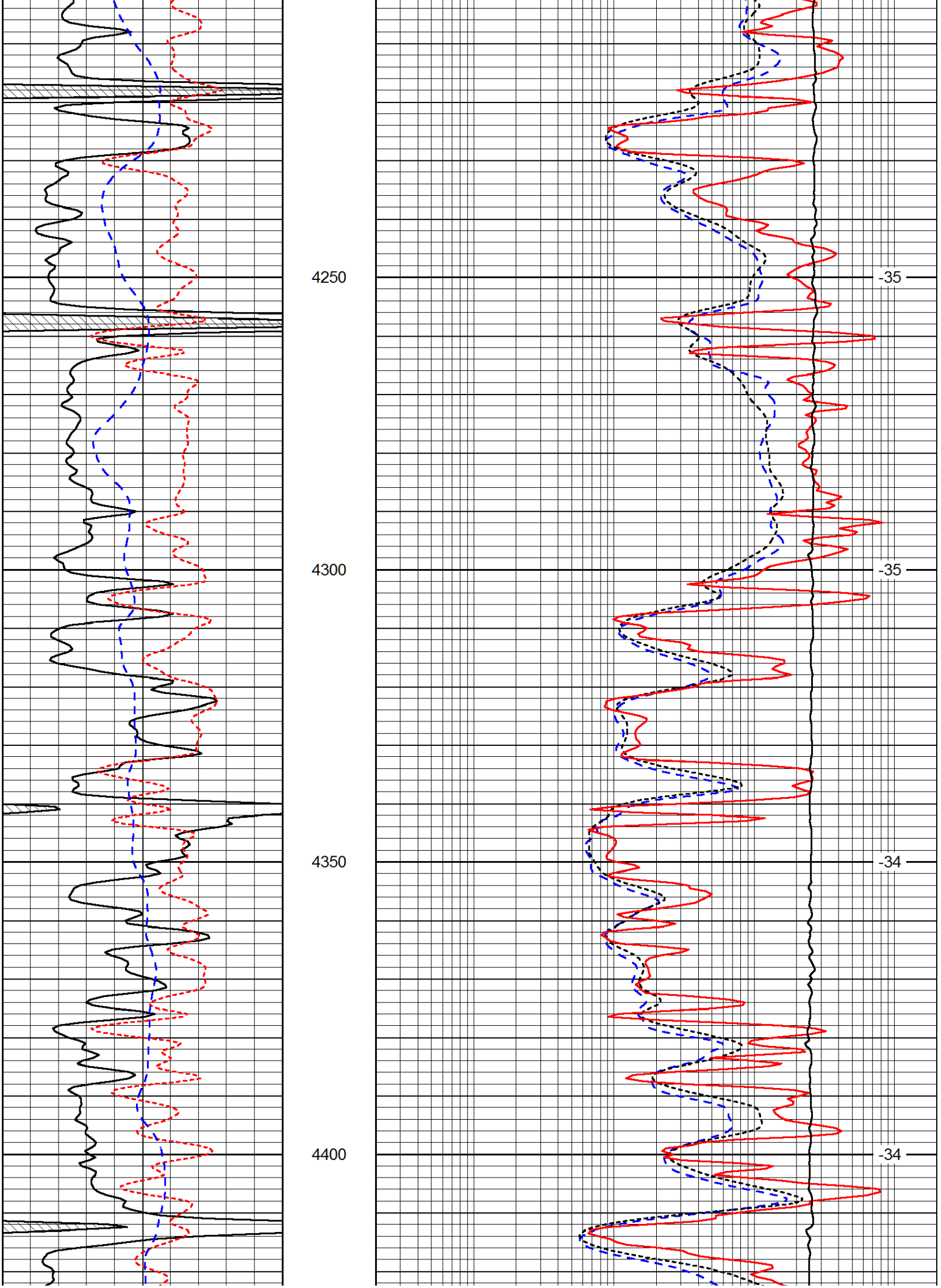
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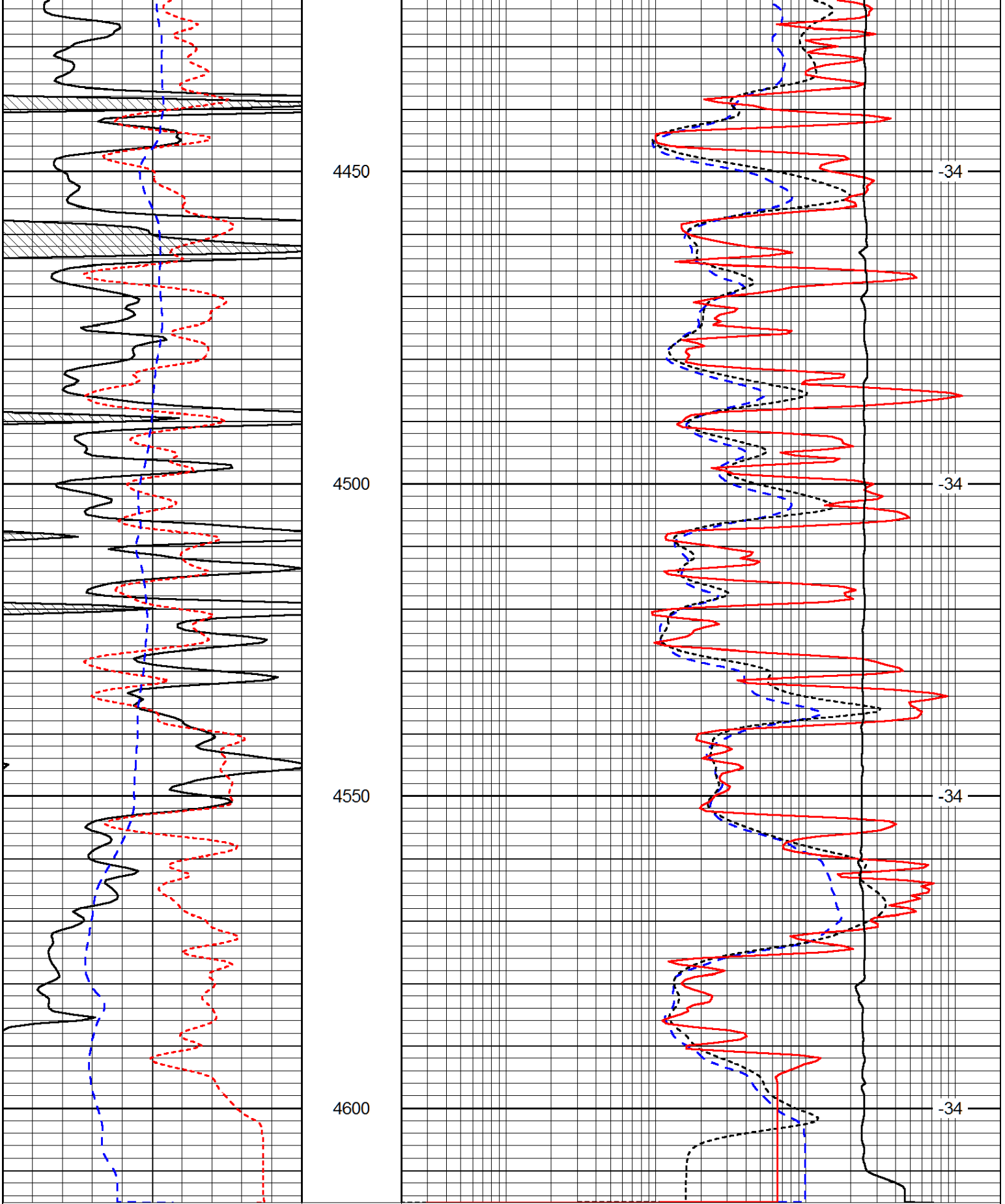

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LSPD