PIONEER

Pioneer Energy Services

Radiation Guard Log

API No. 15-153-20976-00-00

Company Berexco, LLC

Well Schwerdt #1-2

Field Scoda

County Rawlins State Kansas

Location 1840' FSL & 380' FEL

Sec: 2 Twp: 1S Rge: 36W

Other Services: MEL/BHCS

Elevation: K.B. 3182, D.F. , G.L. 3169

Permanent Datum	Ground Level	Elevation 3169	
Log Measured From	Kelly Bushing	13 Ft. Above Perm. Datum	
Drilling Measured From	Kelly Bushing		
Date	1/19/2014		
Run Number	One		
Depth Driller	4625		
Depth Logger	4620		
Bottom Logged Interval	4619		
Top Log Interval	300		
Casing Driller	8.625 @ 310		
Casing Logger	308		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity,ppm CL	800		
Density / Viscosity	9.2 48		
pH / Fluid Loss	9.5 5.6		
Source of Sample	Flowline		
Rm @ Meas. Temp	0.56 @ 43		
Rmf @ Meas. Temp	0.42 @ 43		
Rmc @ Meas. Temp	0.76 @ 43		
Source of Rmf / Rmc	Charts		
Rm @ BHT	0.19 @ 124		
Operating Rig Time	4 Hours		
Max Rec. Temp. F	124		
Equipment Number	91		
Location	Hays		
Recorded By	D. Schmidt		
Witnessed By	Pete Vollmer		

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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

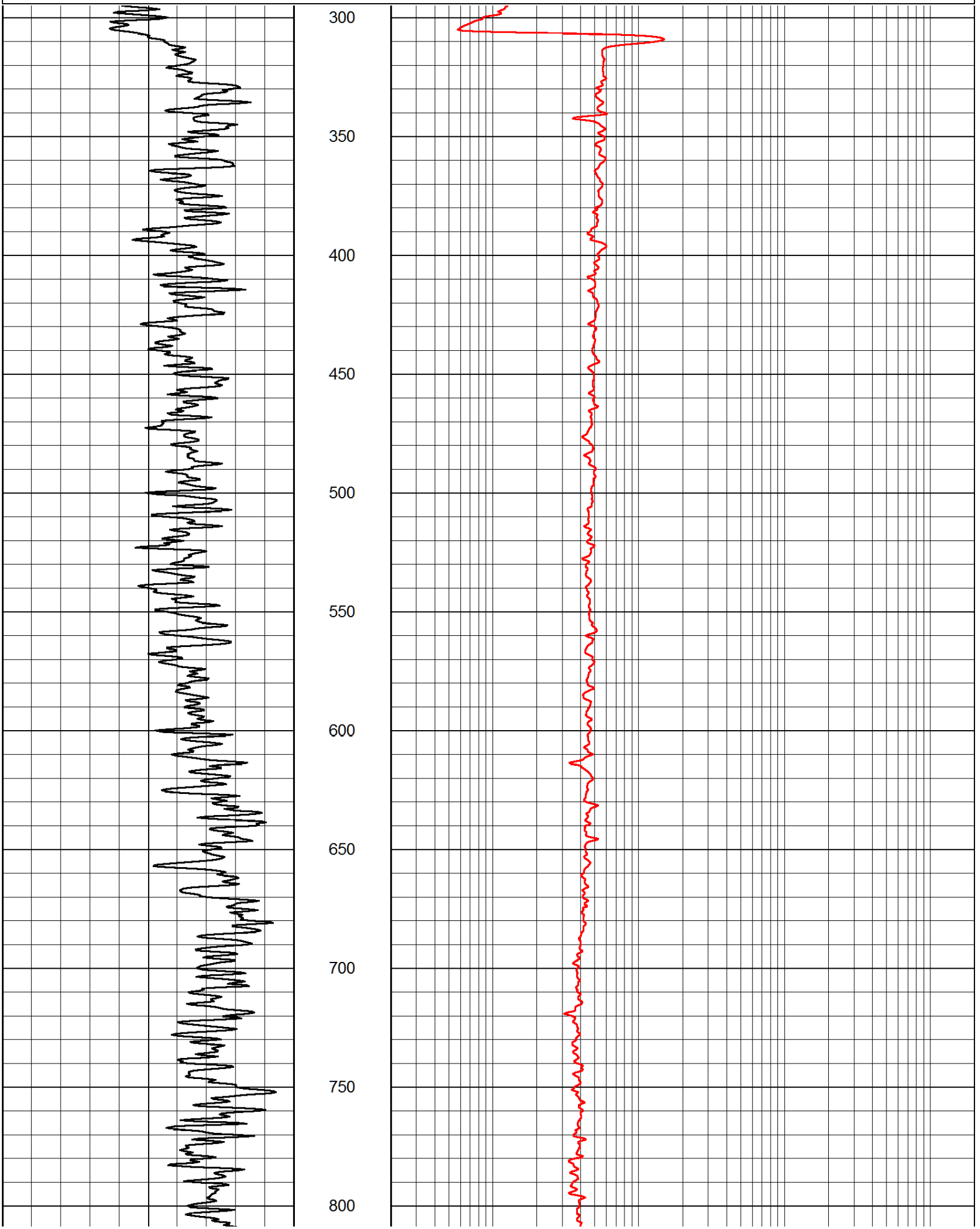
Thank you for using Log-Tech, Inc.
(785) 625-3858

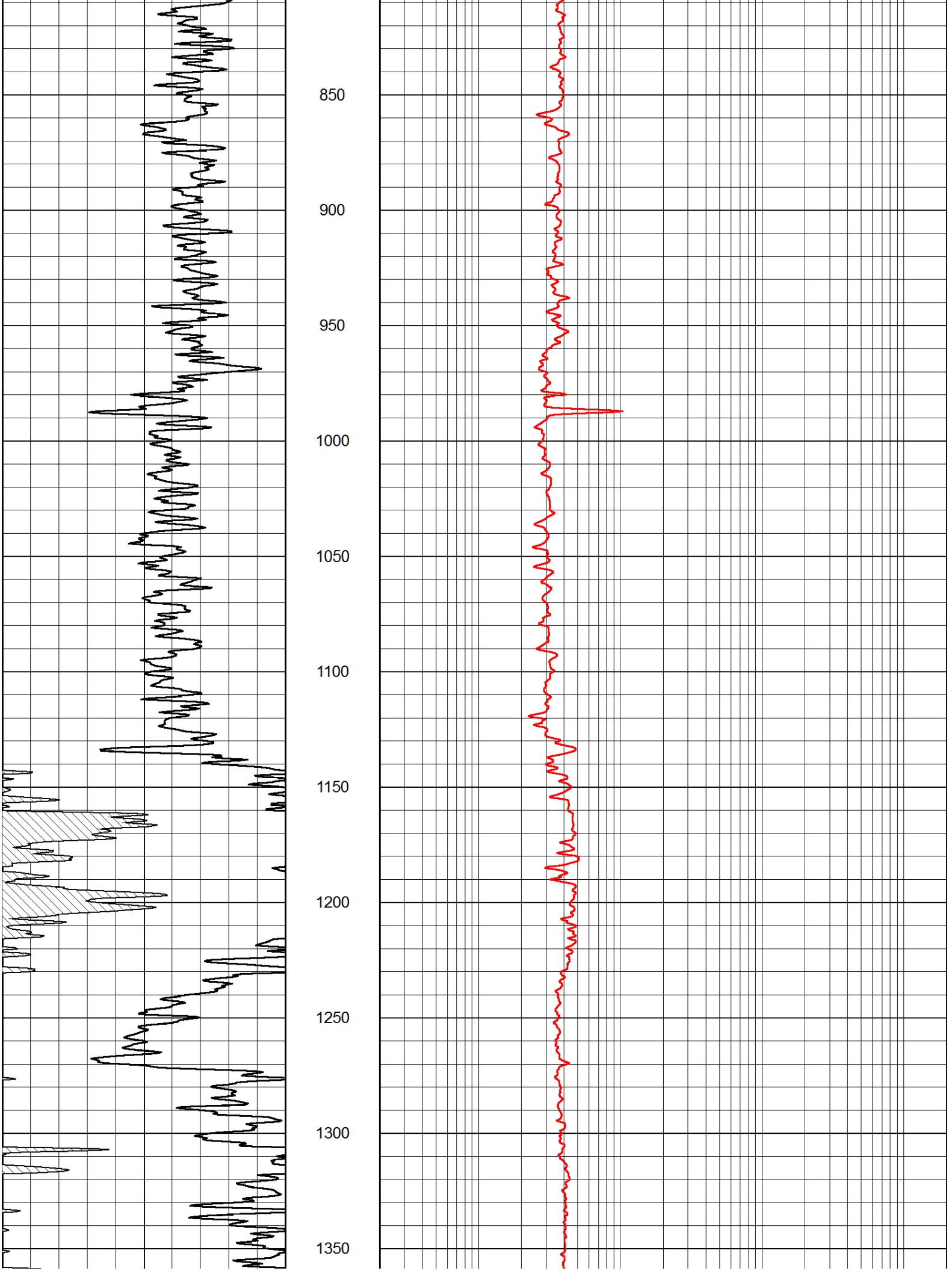
Beardsley,
North to AA Rd, West to 7 Rd, 3 North, 1/2 West to TB,
1/2 West along fenceline to location

Database File:	berexco_011914hd.db
Dataset Pathname:	rag/brxrag
Presentation Format:	rag2in
Dataset Creation:	Sun Jan 19 14:56:17 2014
Charted by:	Depth in Feet scaled 1:600

Charted by: Depth in Feet scaled 1:600

0 Gamma Ray (GAPI) 150		0.2 lgrd (Ohm-m) 2000

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1200
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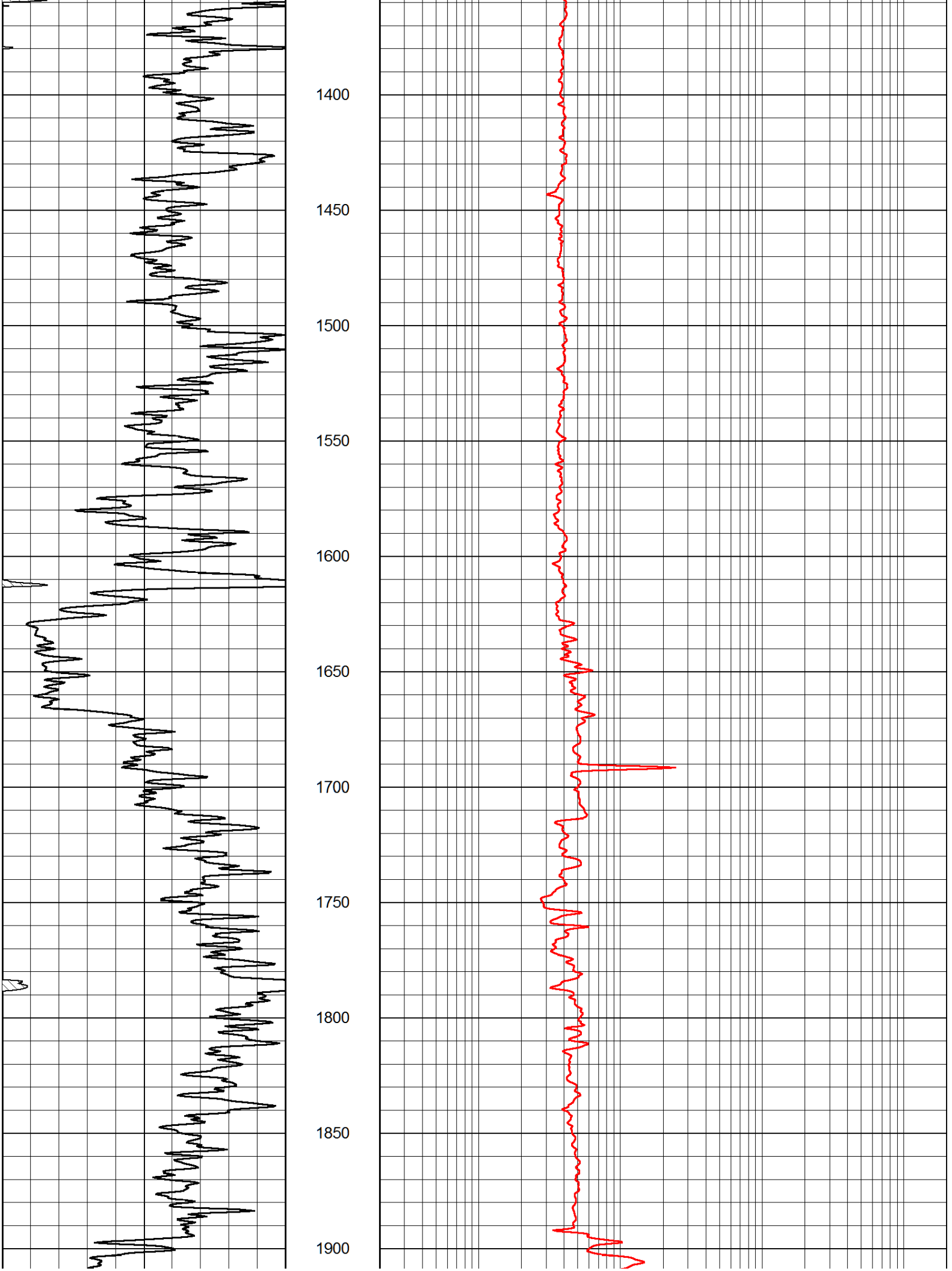
1300
1350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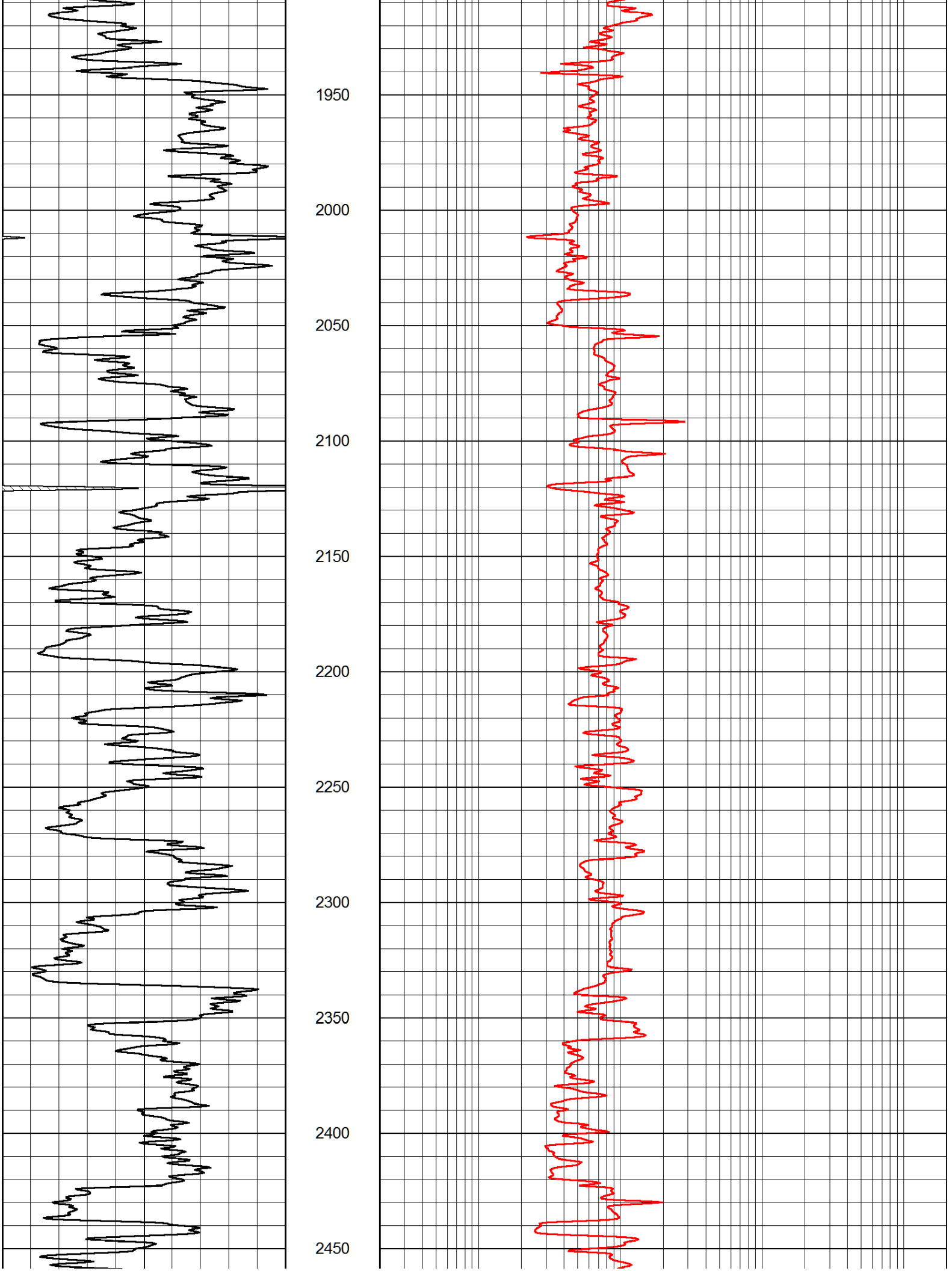
1600
1650
1700
1750
1800
1850
1900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2000
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2100
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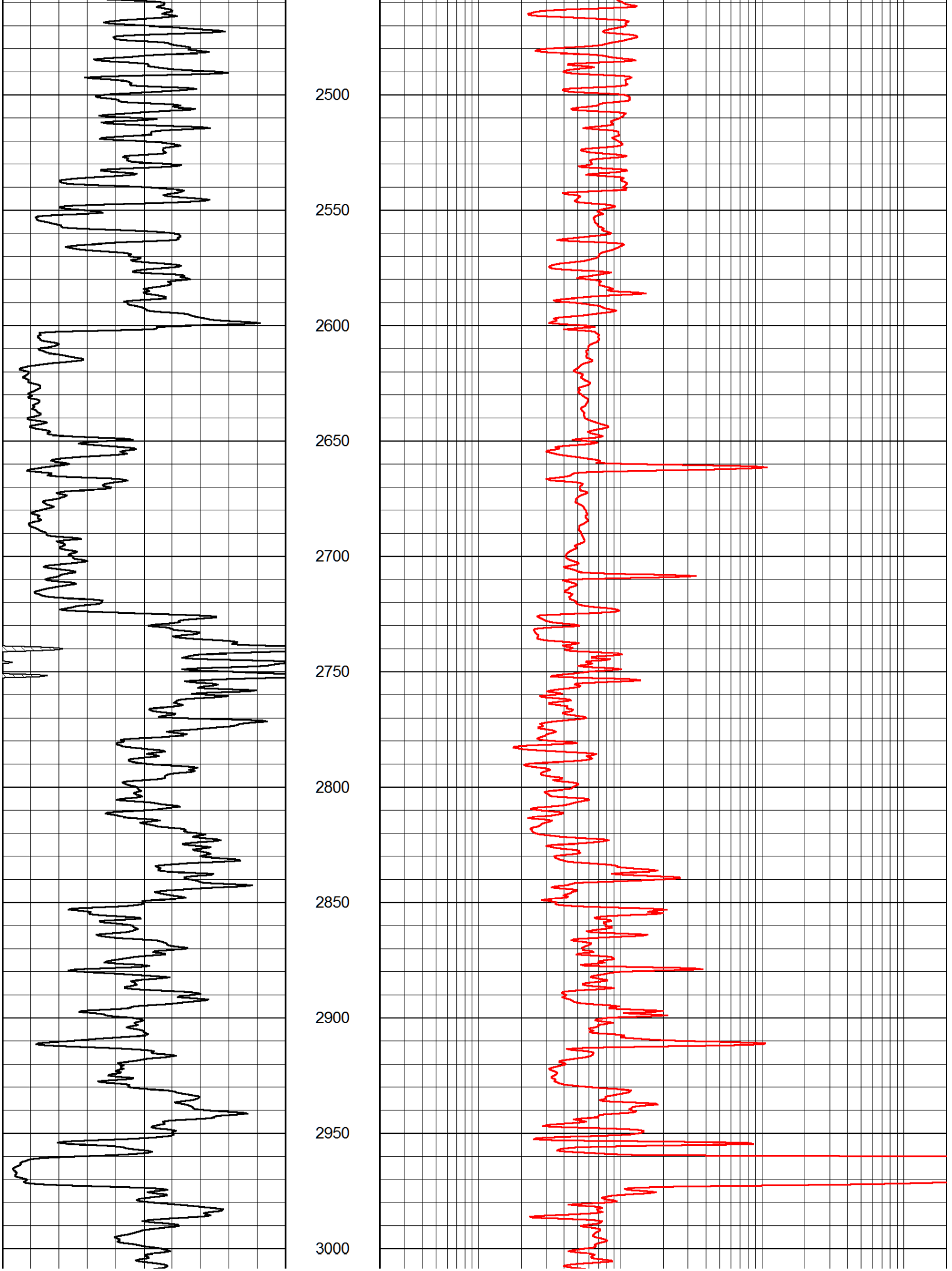
2200
2250
2300
2350
2400
2450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2950
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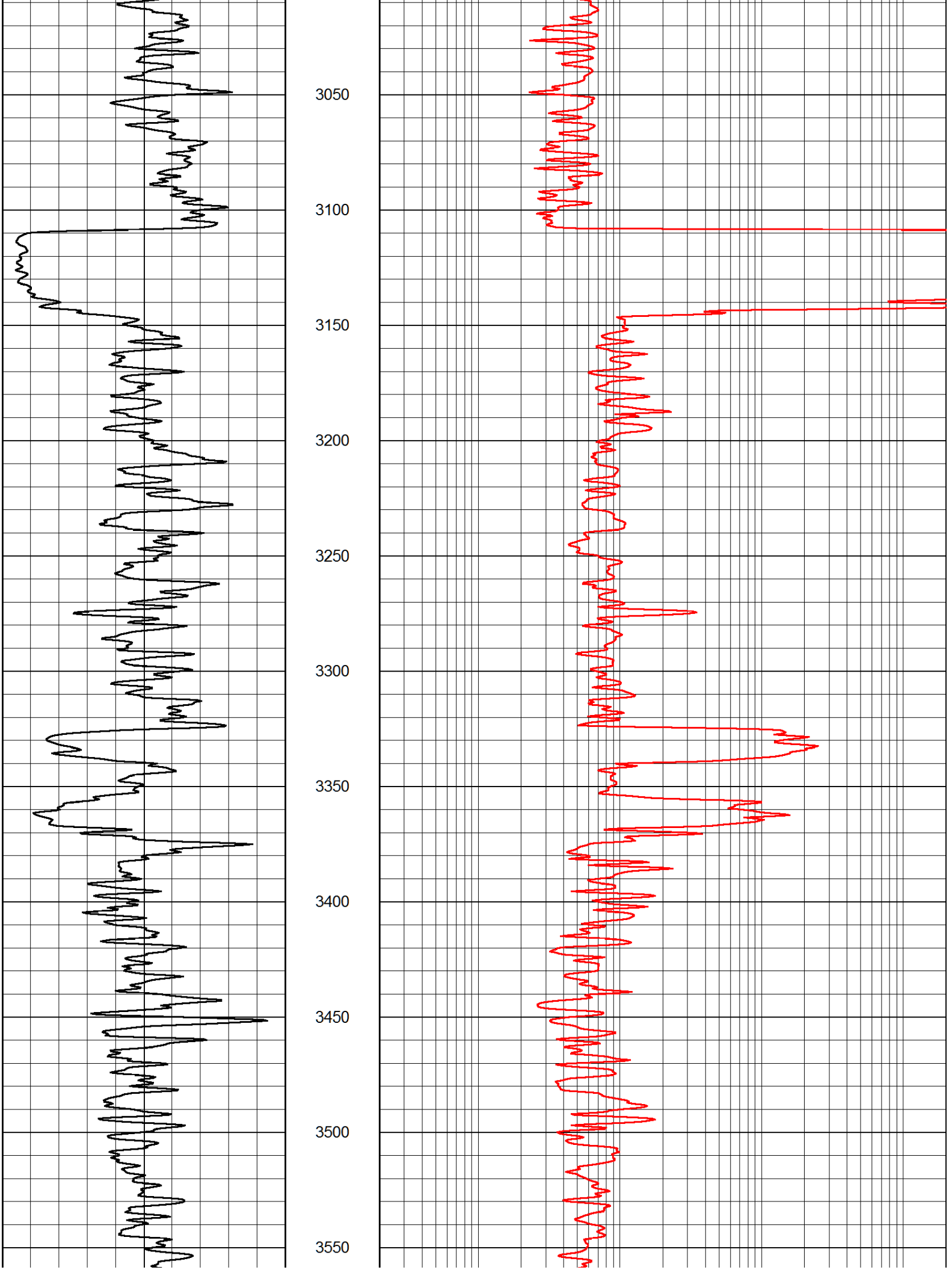
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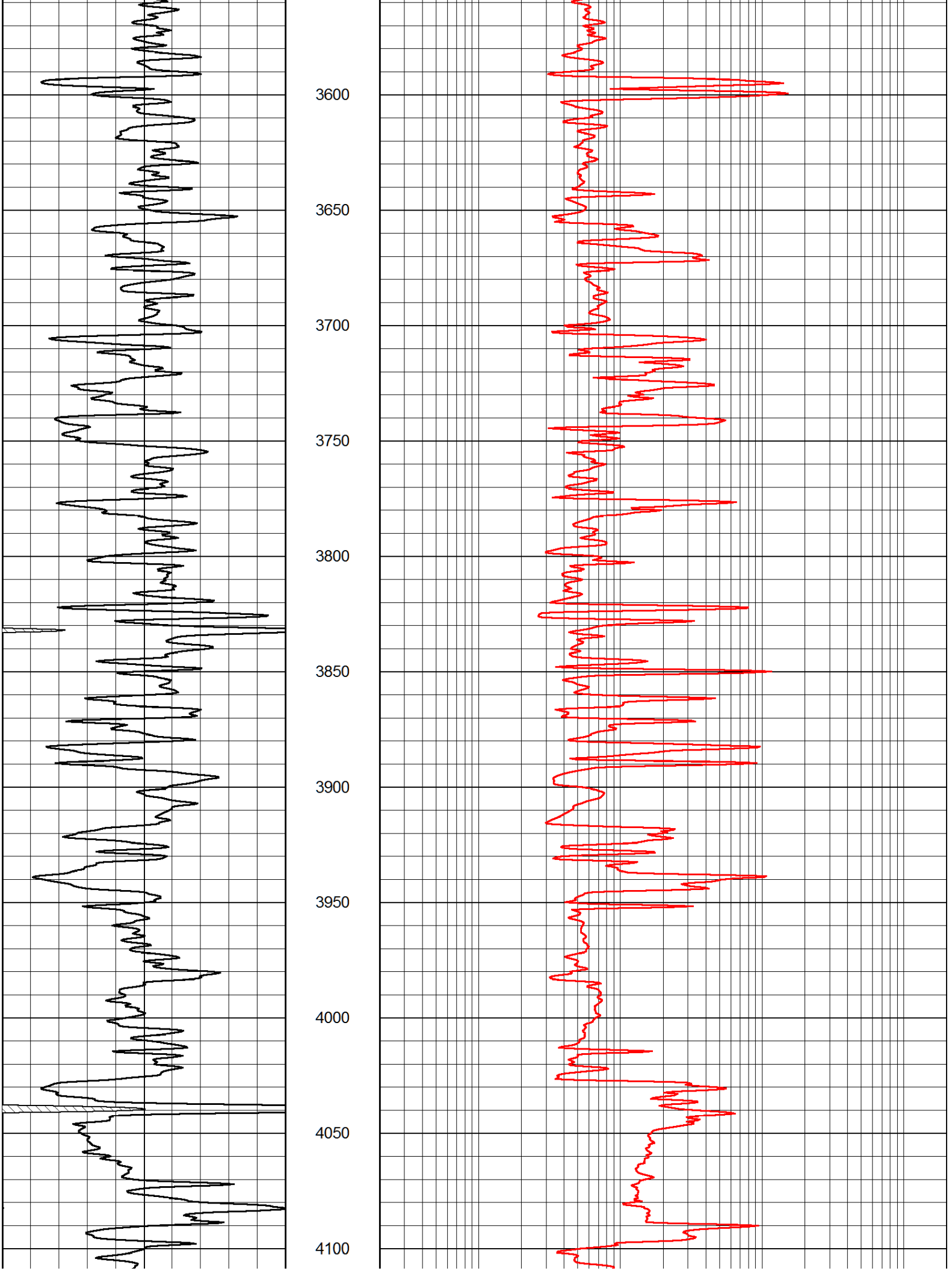
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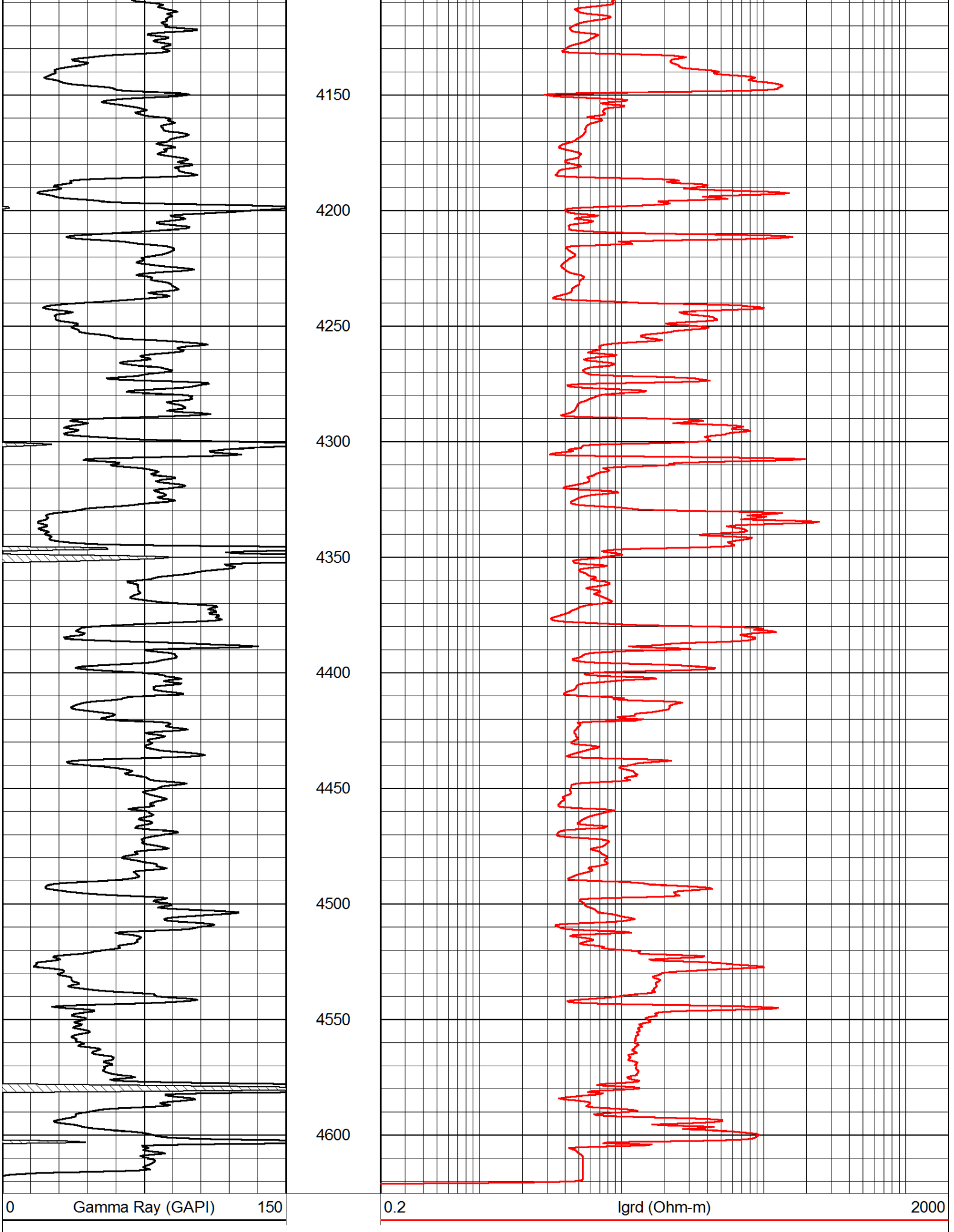
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4400
4450
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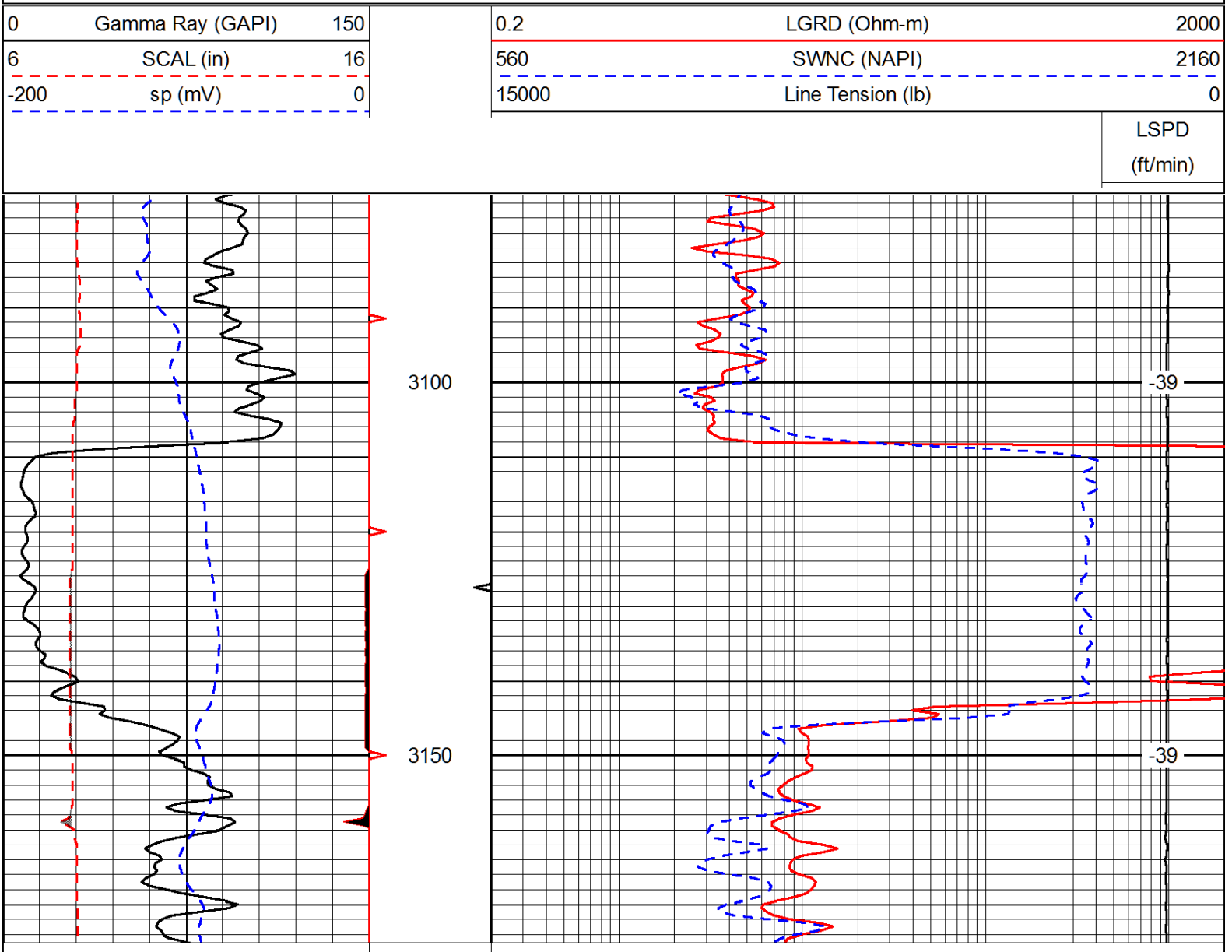
4550
4600
0
Gamma Ray (GAPI)
150
0.2
lgrd (Ohm-m)
2000

Database File: berexco_011914hd.db
Dataset Pathname: rag/brxrag
Presentation Format: rag
Dataset Creation: Sun Jan 19 14:56:17 2014
Charted by: Depth in Feet scaled 1:240



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Presentation Format: rag
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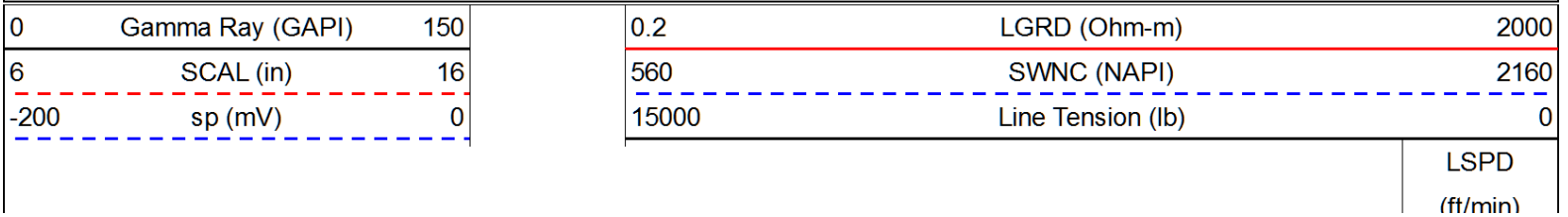

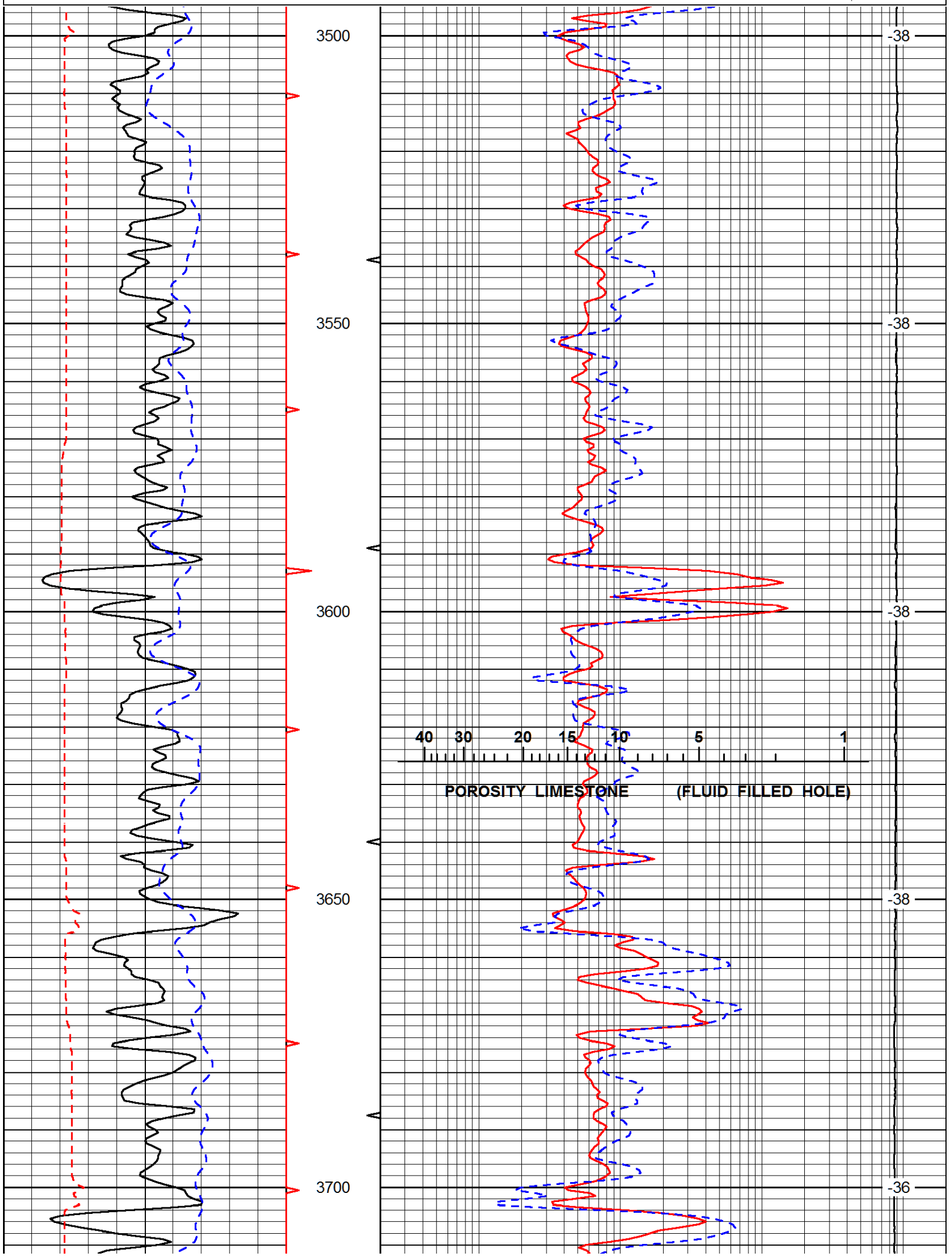
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-36
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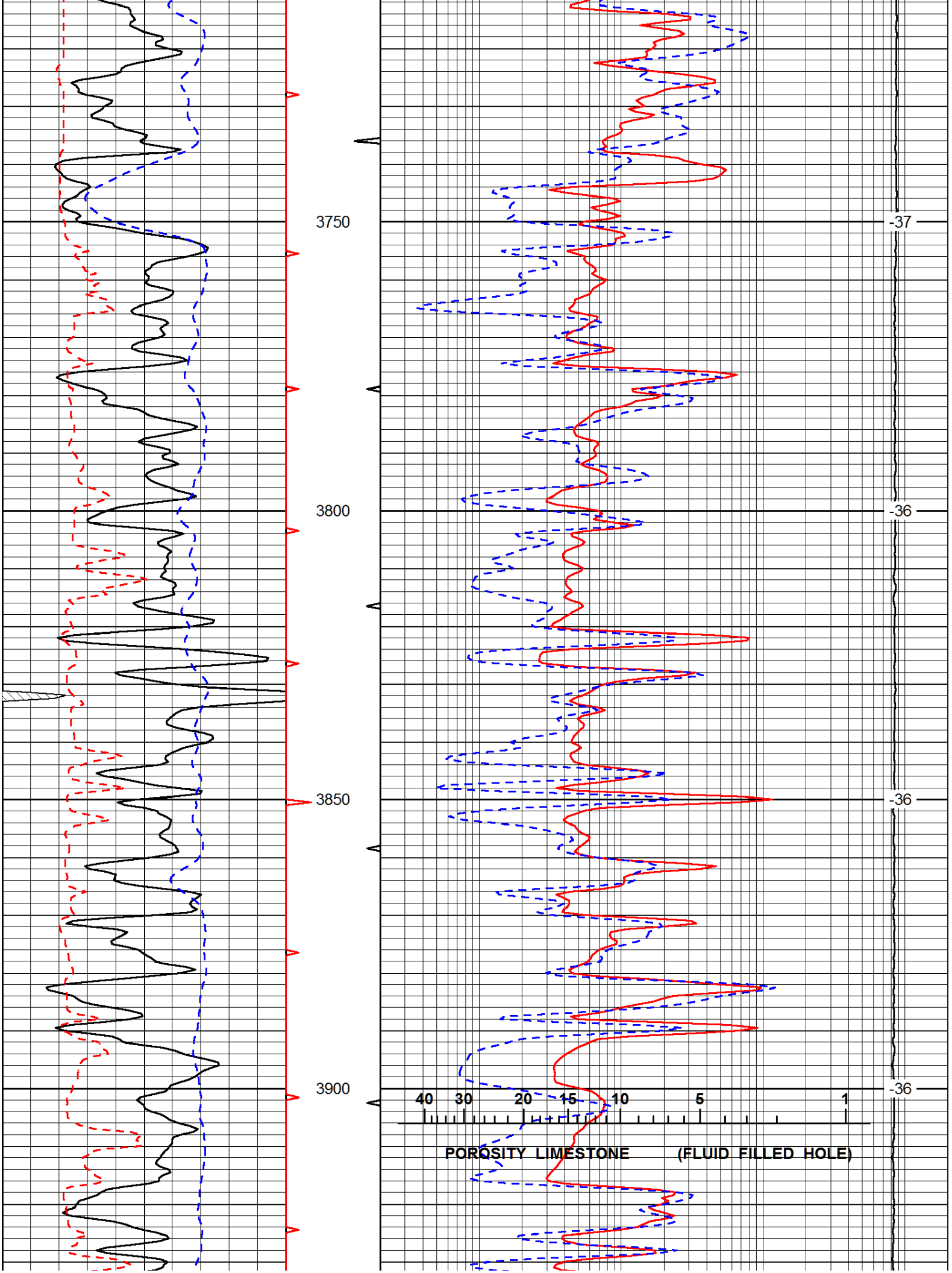
POROSITY LIMESTONE (FLUID FILLED HOLE)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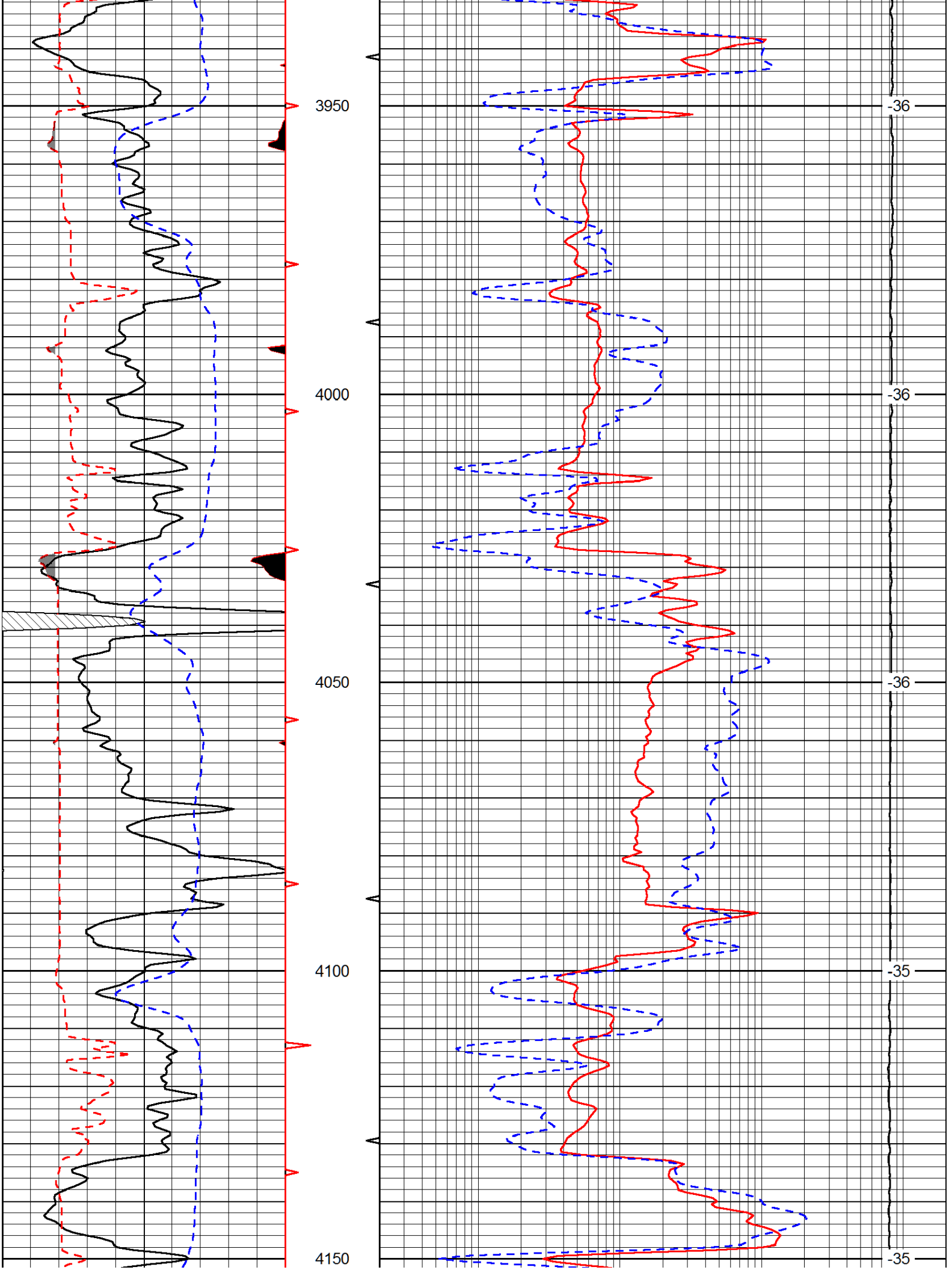
POROSITY LIMESTONE (FLUID FILLED HOLE)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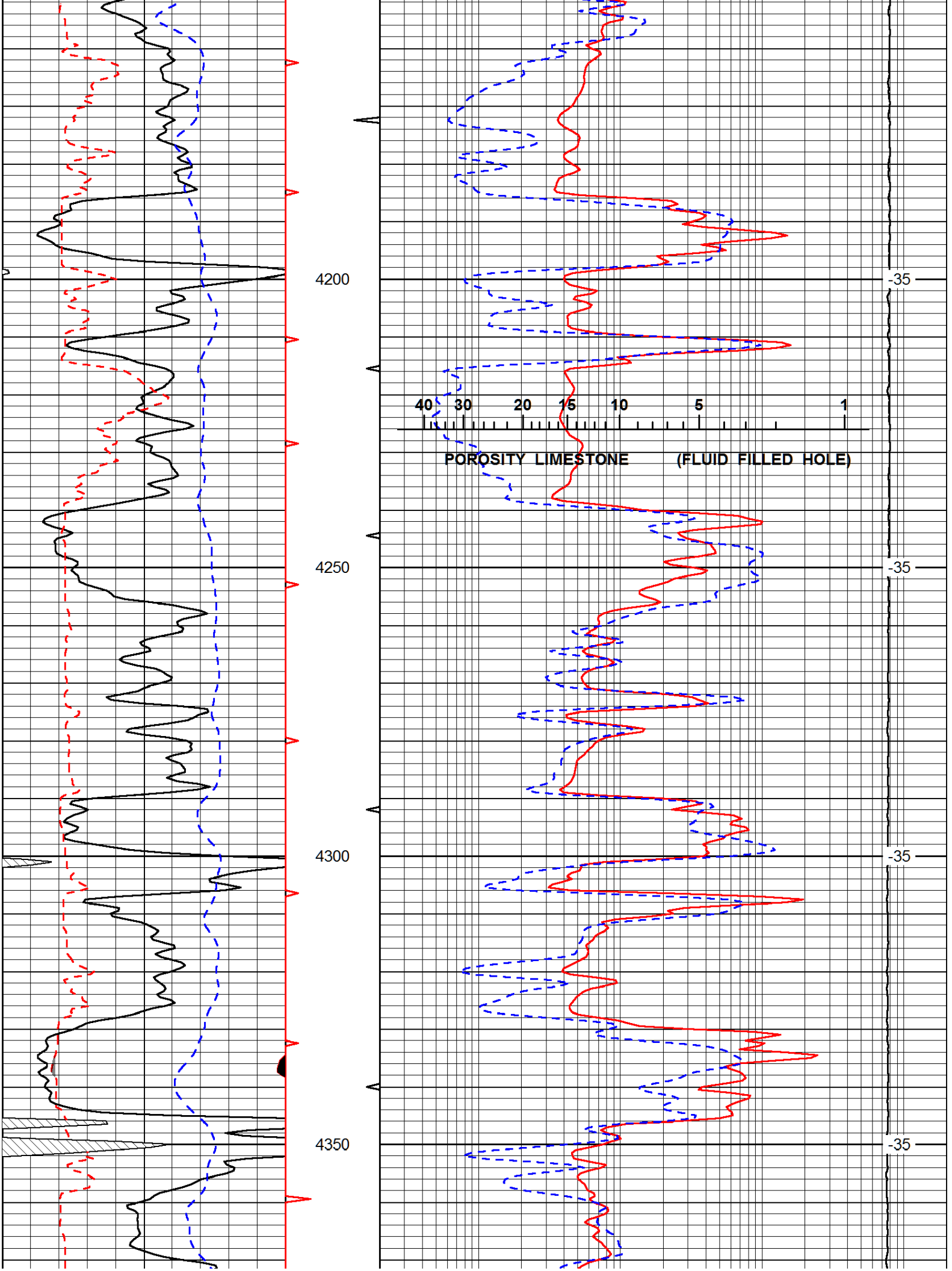
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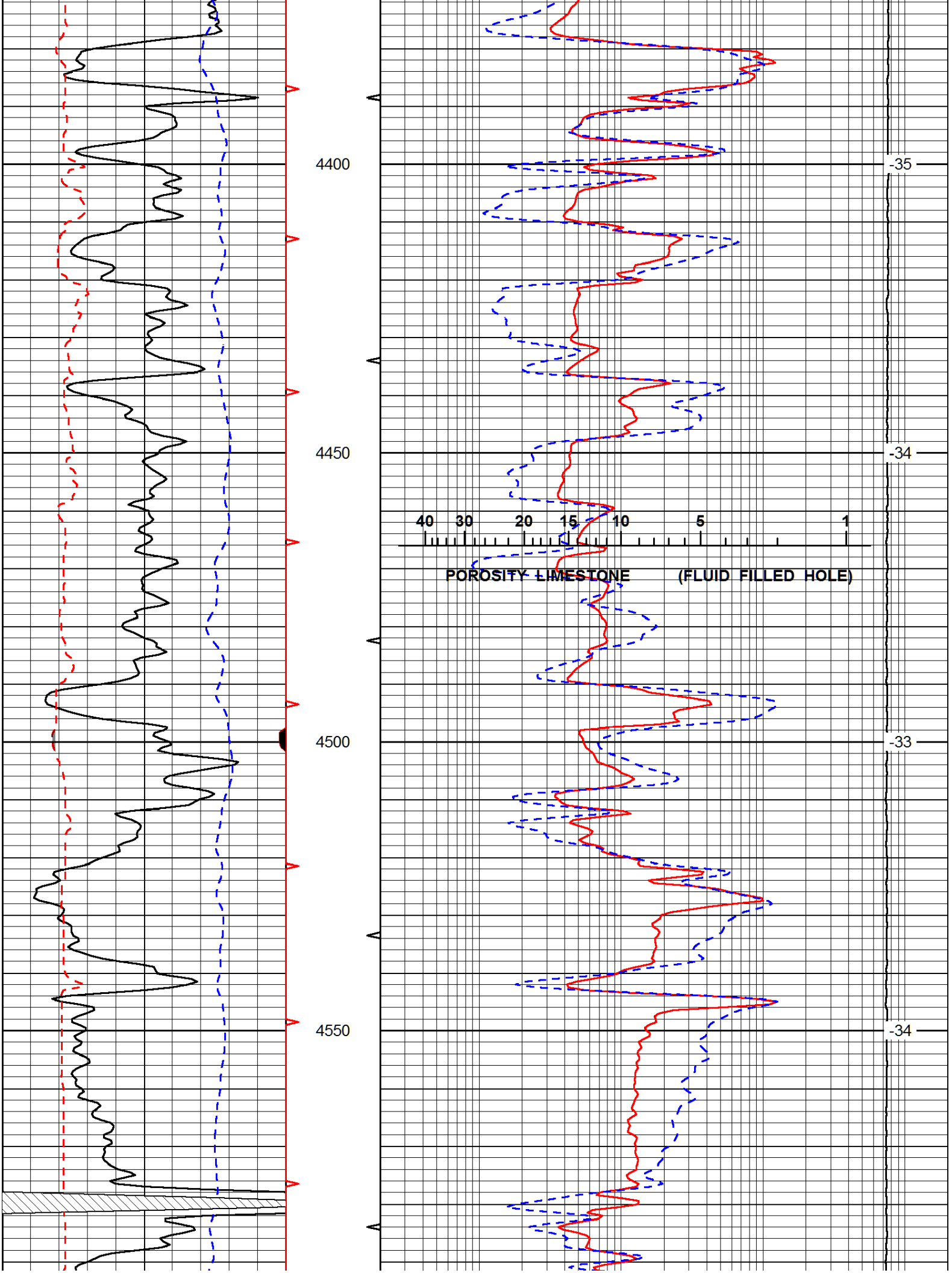
15
10
5
1
POROSITY LIMESTONE
(FLUID FILLED HOLE)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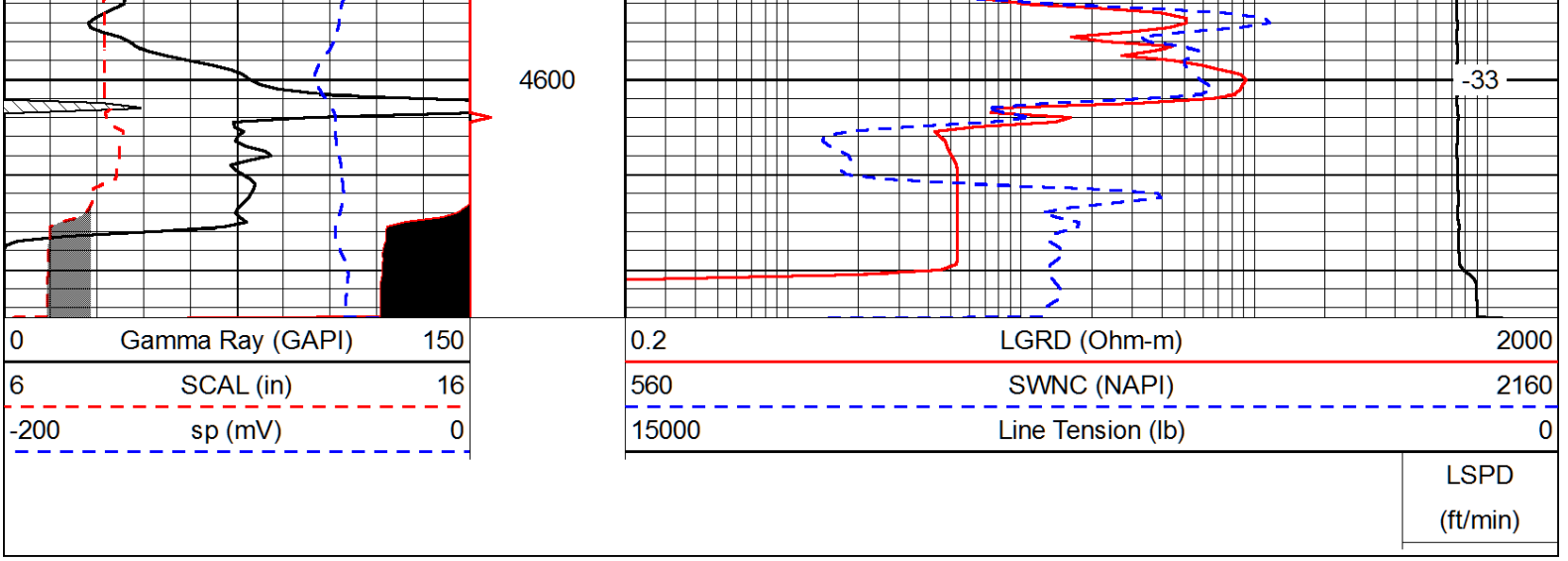
POROSITY LIMESTONE (FLUID FILLED HOLE)



0	Gamma Ray (GAPI)	150
6	SCAL (in)	16
-200	sp (mV)	0

0.2	LGRD (Ohm-m)	2000
560	SWNC (NAPI)	2160
15000	Line Tension (lb)	0

LSPD
(ft/min)