



Pioneer Energy Services

Radiation Guard Log

API No.	Company Blake Exploration, LLC									
	Well Kroneberger B #1									
	Field Unnamed									
	County Logan		State		Kansas					
15-109-21,243-00-00	Location 2000' FSL & 335' FEL				Other Services NONE					
	Sec: 24 Twp: 13S Rge: 33W				Elevation K.B. 3001 D.F. 2992 G.L. 2992					
Permanent Datum		Ground Level		Elevation 2992						
Log Measured From		Kelly Bushing		9 Ft. Above Perm. Datum						
Drilling Measured From		Kelly Bushing								
Date		3/20/2014								
Run Number		One								
Depth Driller		4650								
Depth Logger		4650								
Bottom Logged Interval		4649								
Top Log Interval		200								
Casing Driller		8.625 @ 225								
Casing Logger		218								
Bit Size		7.875								
Type Fluid in Hole		Chemical								
Salinity, ppm CL		8,000								
Density / Viscosity		9.3 50								
pH / Fluid Loss		10.0 8.1								
Source of Sample		Flowline								
Rm @ Meas. Temp		.24 @ 43								
Rmf @ Meas. Temp		.18 @ 43								
Rmc @ Meas. Temp		.32 @ 43								
Source of Rmf / Rmc		Charts								
Rm @ BHT		.08 @ 123								
Operating Rig Time		2 Hours								
Max Rec. Temp. F		123								
Equipment Number		10								
Location		Hays								
Recorded By		J. Henrickson								
Witnessed By		Mike Davignon								

<<< Fold Here >>>

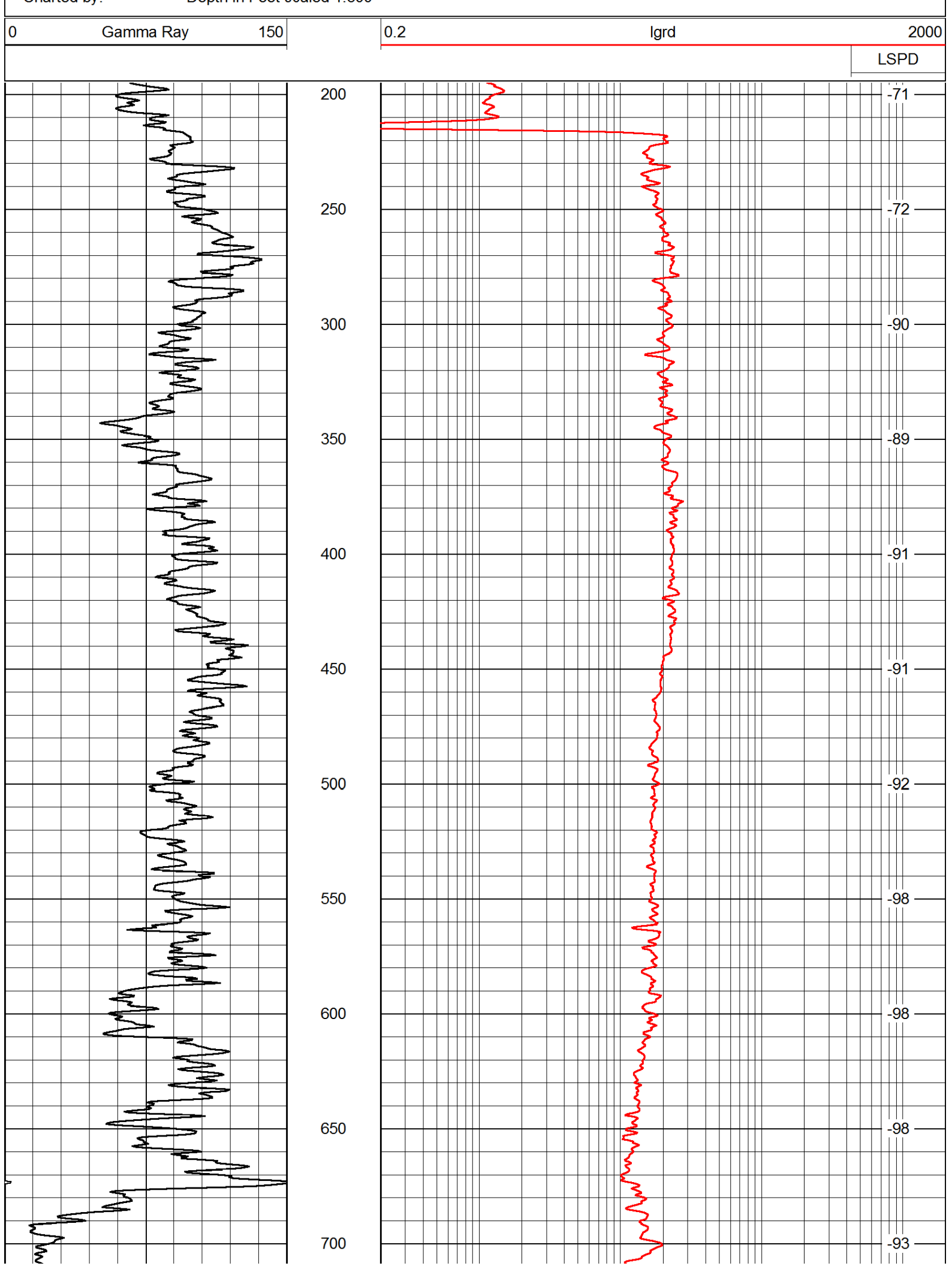
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

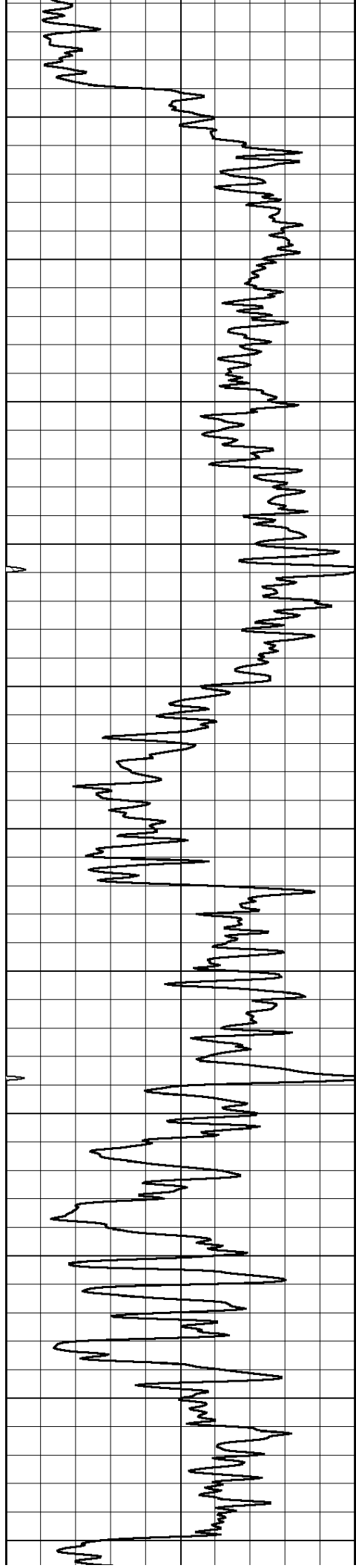
Comments

Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858

Oakley Kansas
South to Quail Rd, 3 West, 1 South, 1 West, 3/4 South Into

Database File: c:\warrior\data\blake exp_kroneberger b #1\blakexploration_kroneberger_b_1hd.db
Dataset Pathname: RAG/blakerag
Presentation Format: rag2in
Dataset Creation: Thu Mar 20 11:45:08 2014
Charted by: Depth in Feet scaled 1:600





750

800

850

900

950

1000

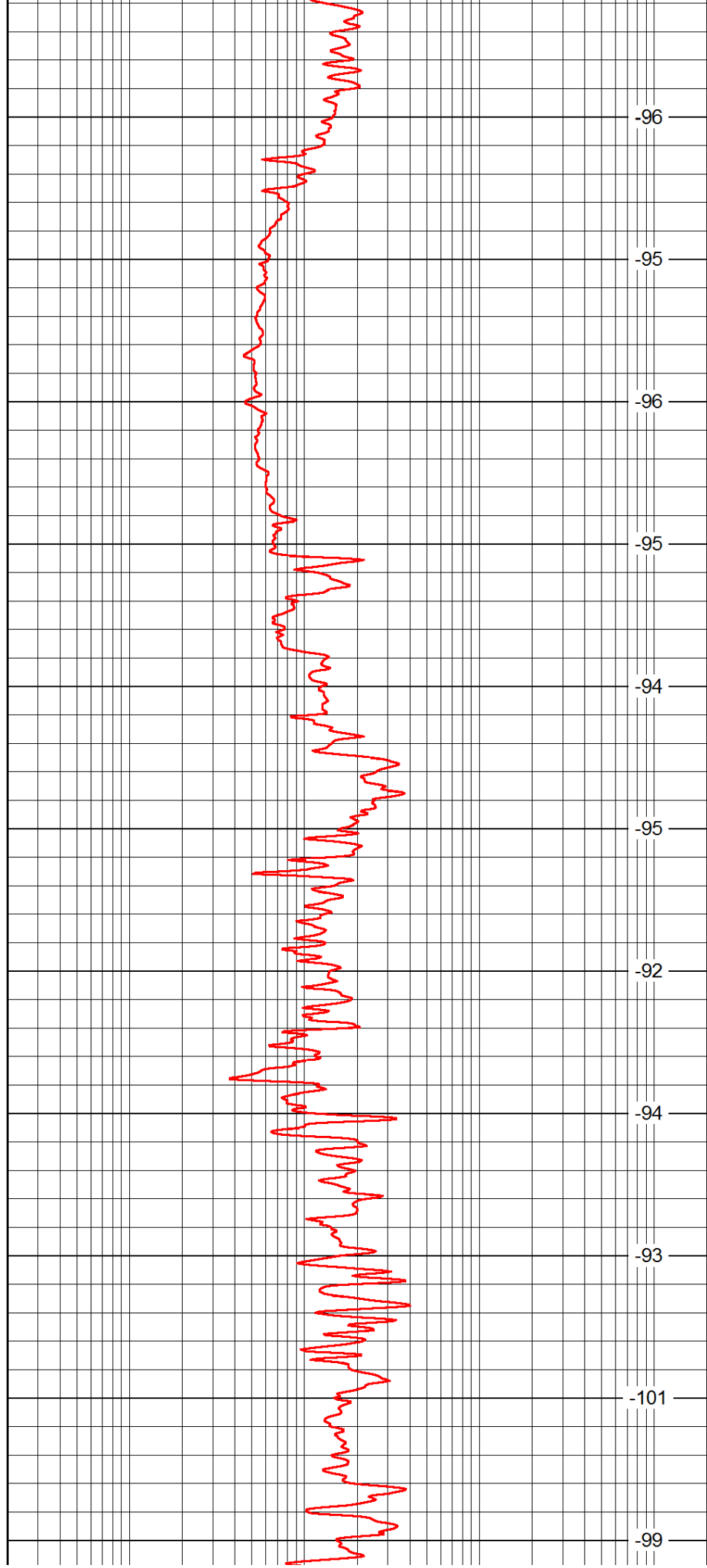
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1100

1150

1200

1250



-96

-95

-96

-95

-94

-95

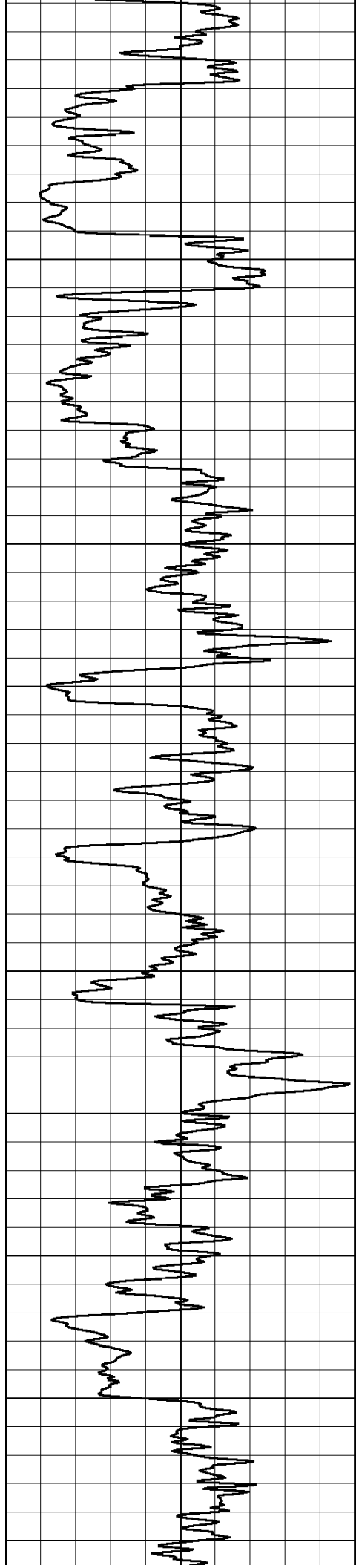
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-94

-93

-101

-99



1300

1350

1400

1450

1500

1550

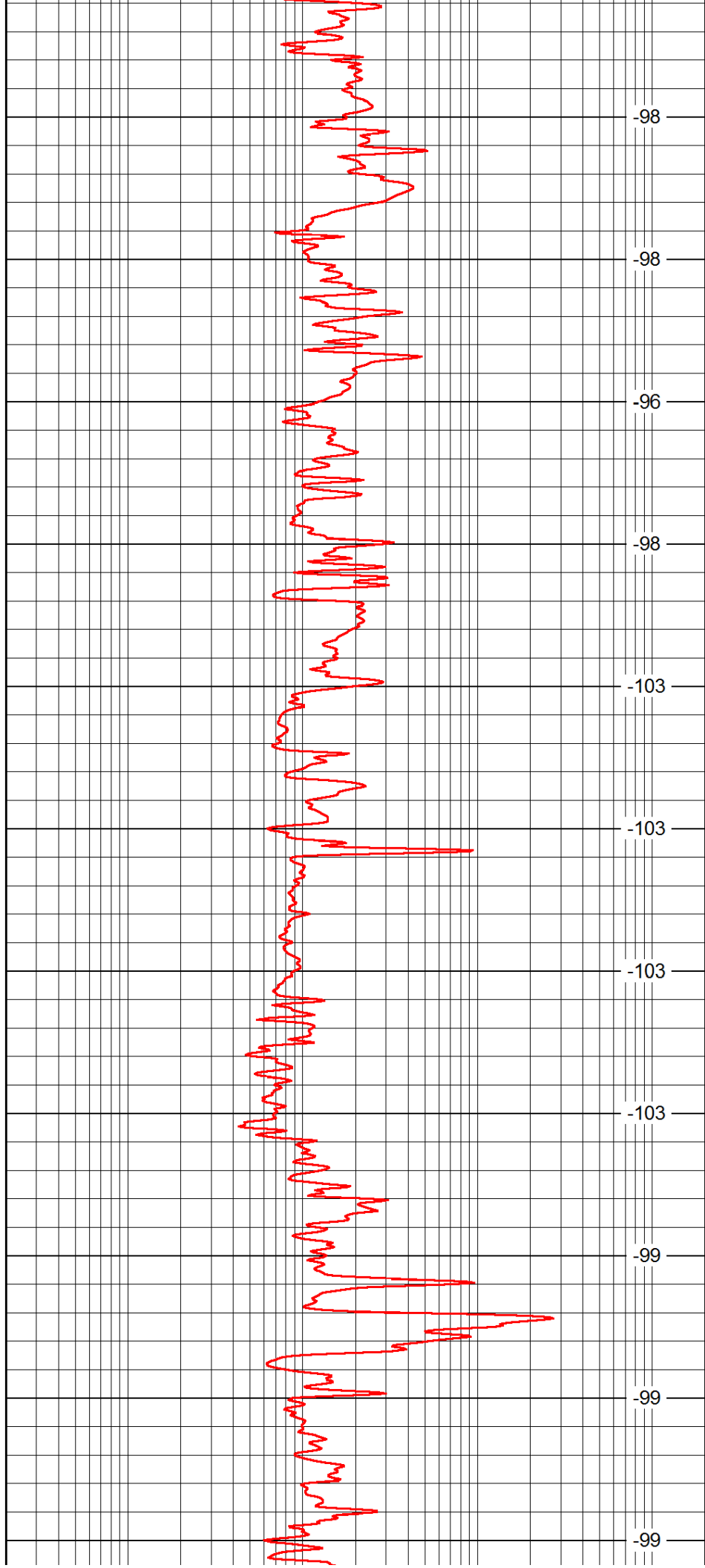
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1650

1700

1750

1800



-98

-98

-96

-98

-103

-103

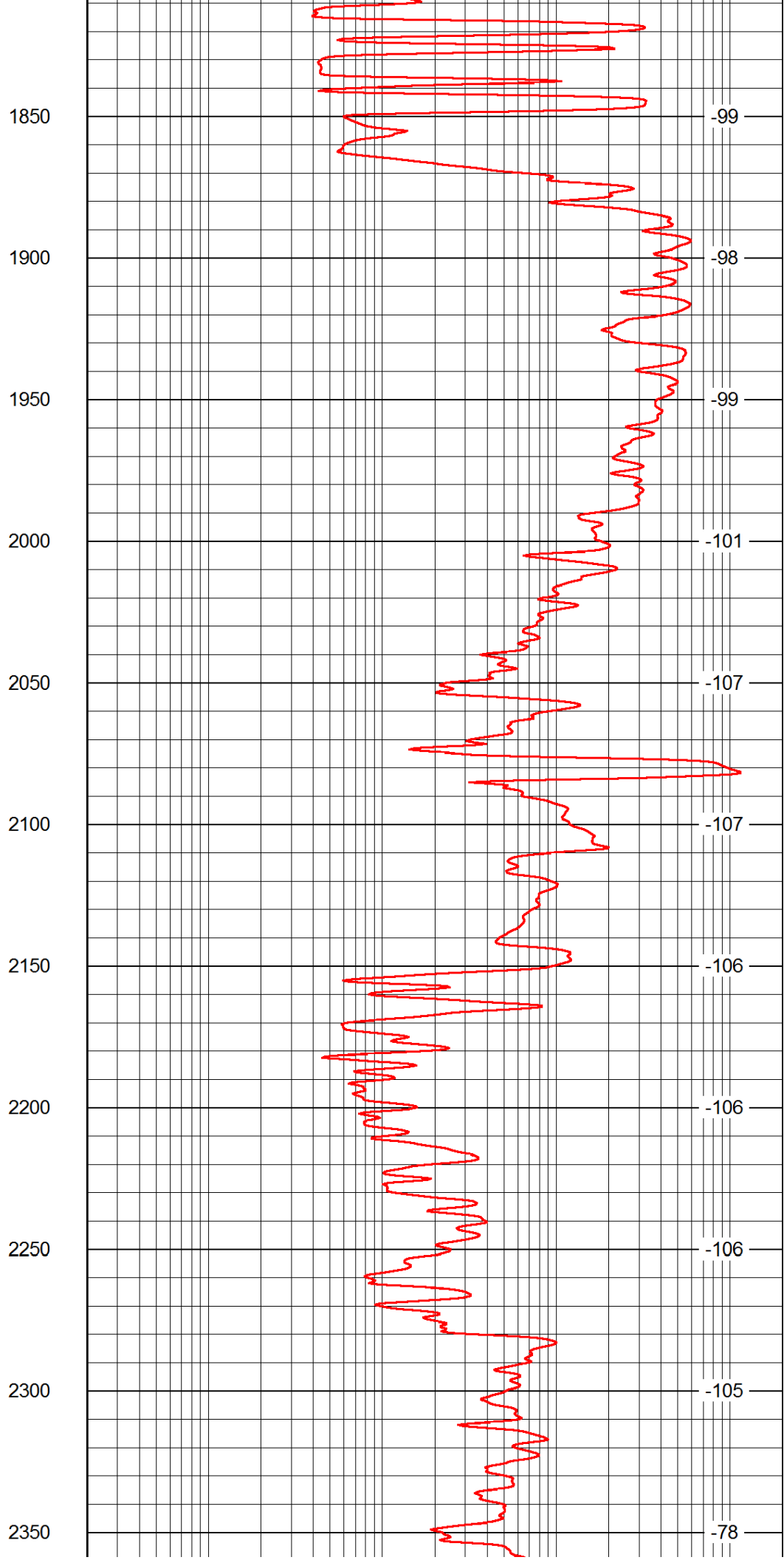
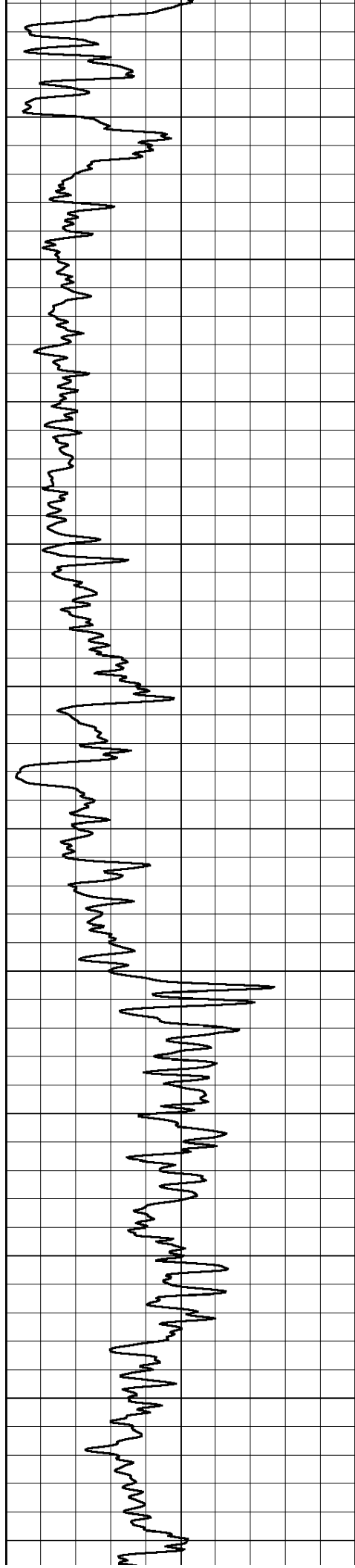
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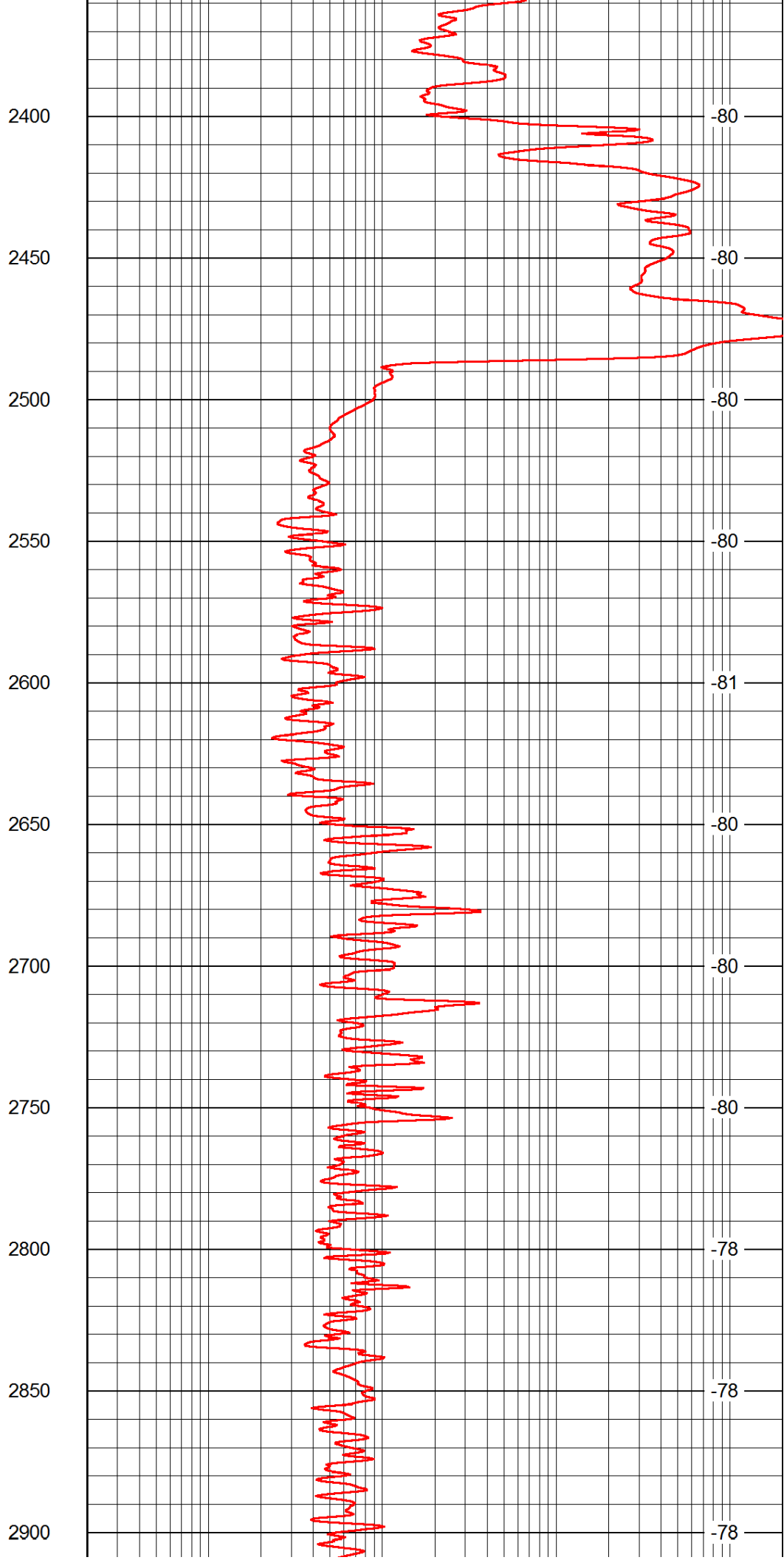
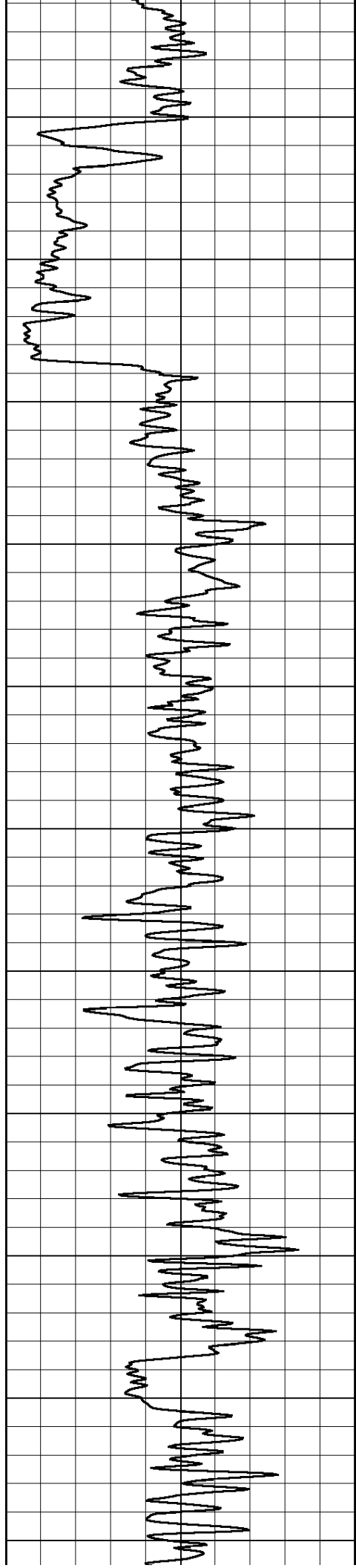
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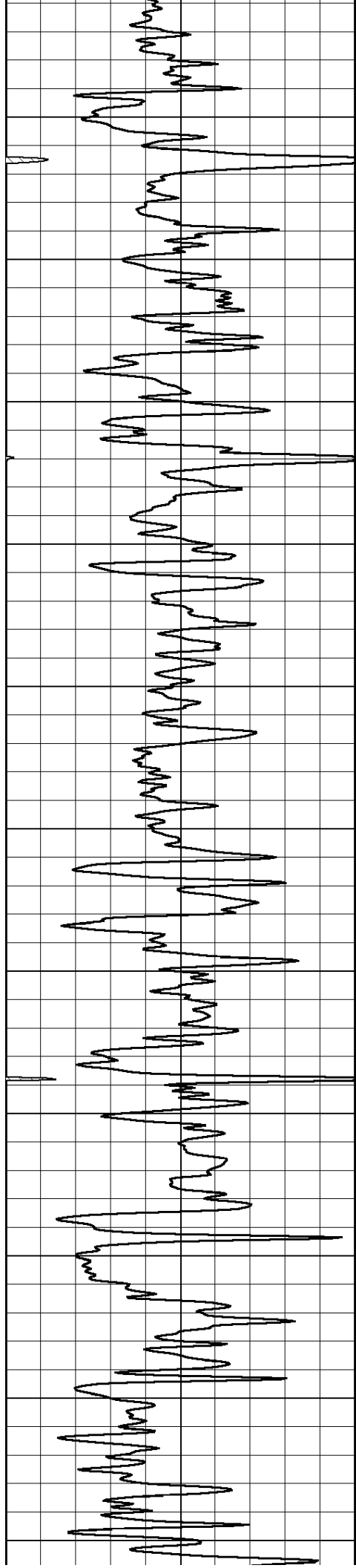
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3000

3050

3100

3150

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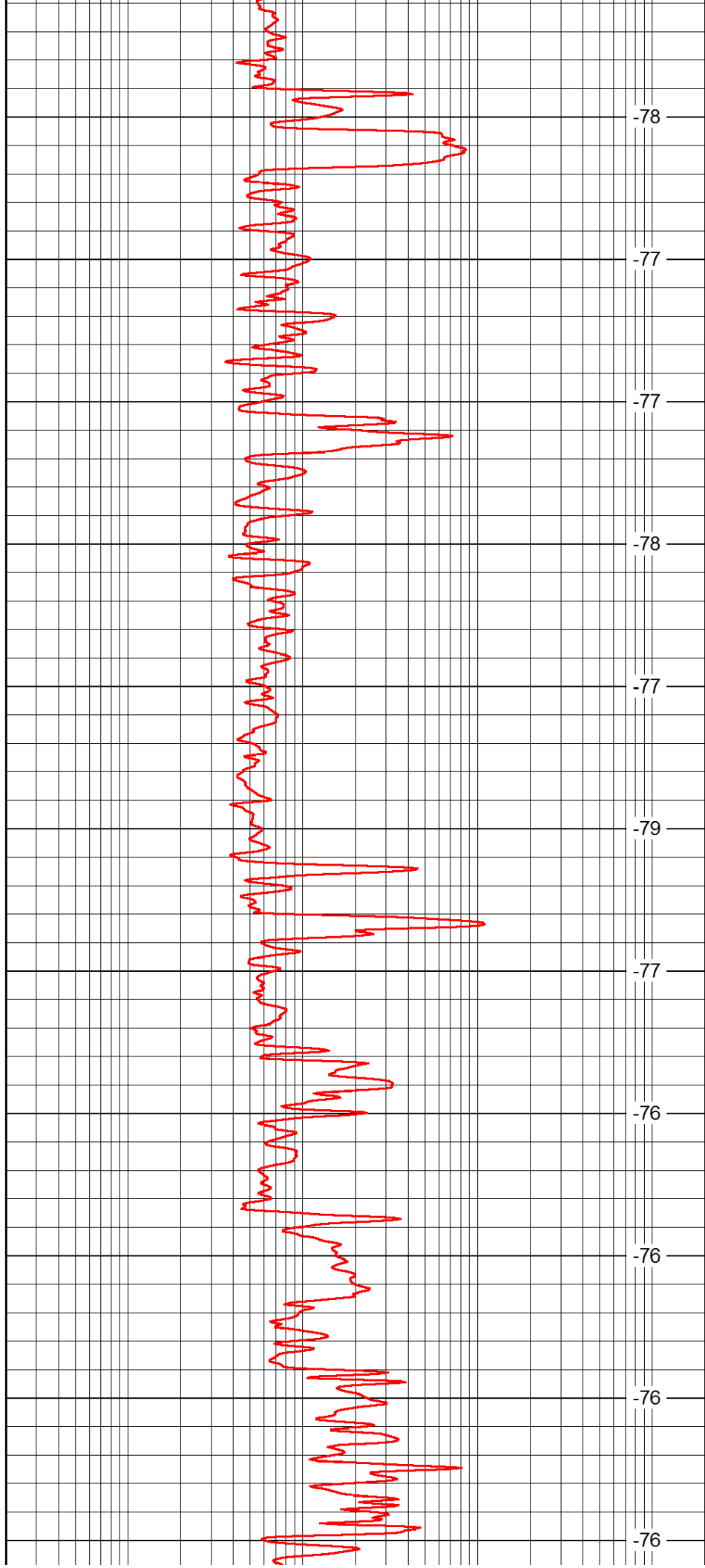
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3300

3350

3400

3450



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-77

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-77

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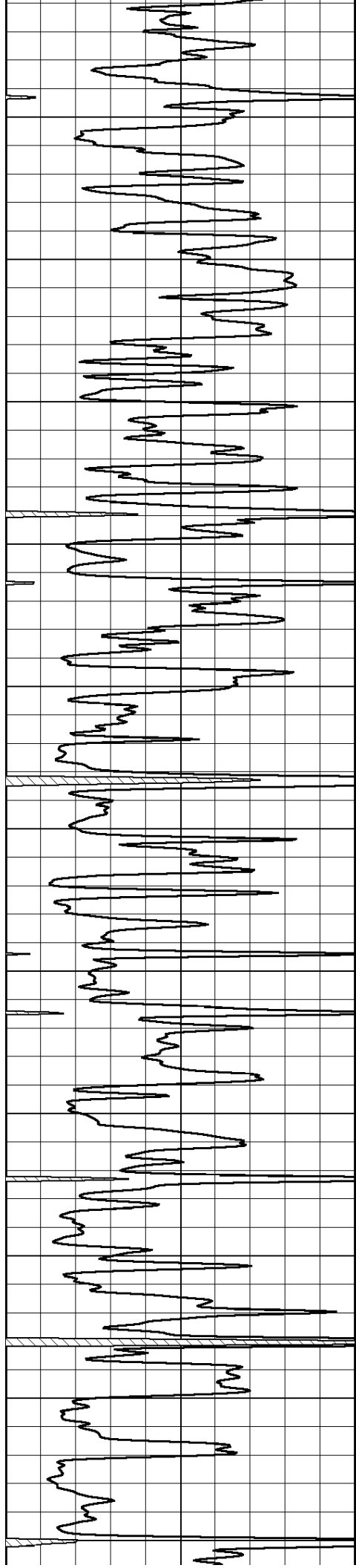
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3600

3650

3700

3750

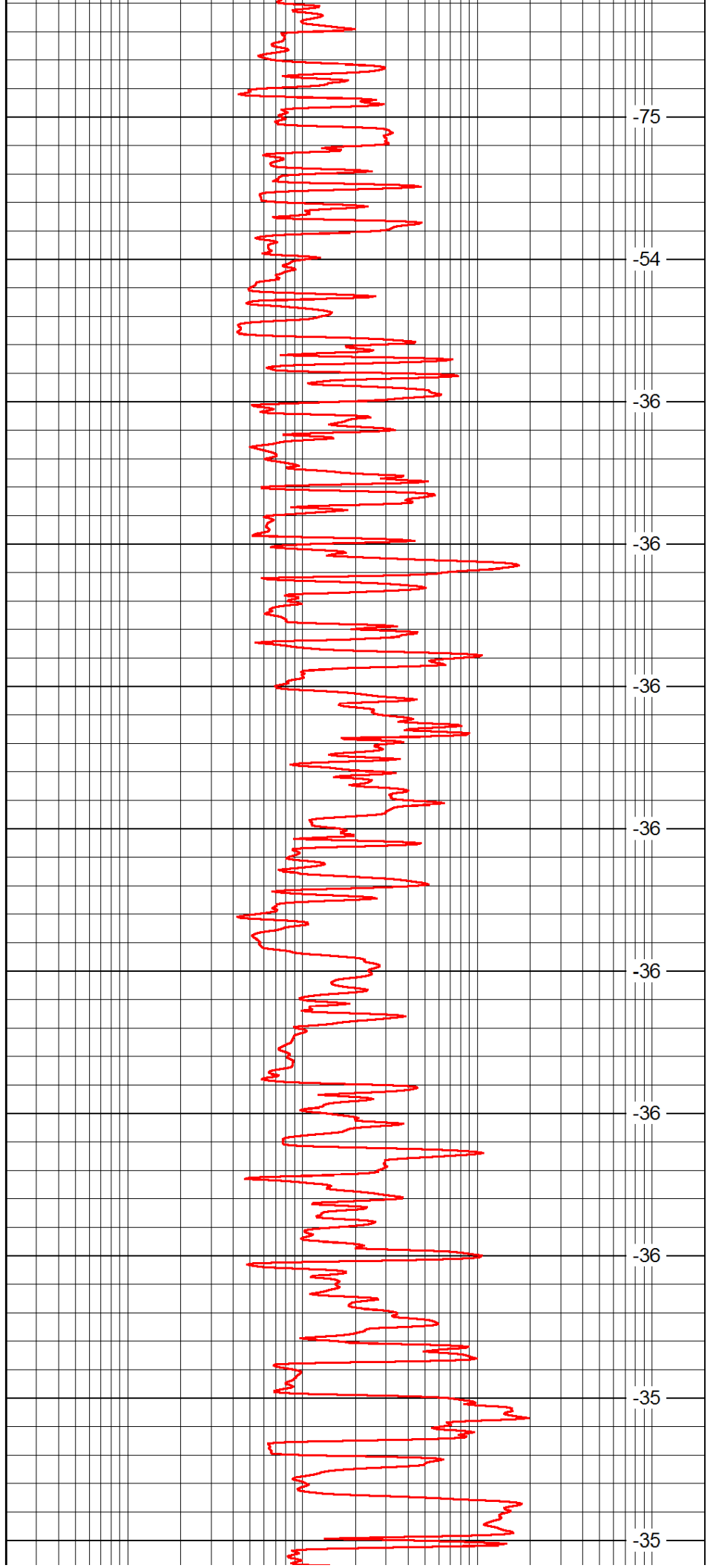
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3850

3900

3950

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-54

-36

-36

-36

-36

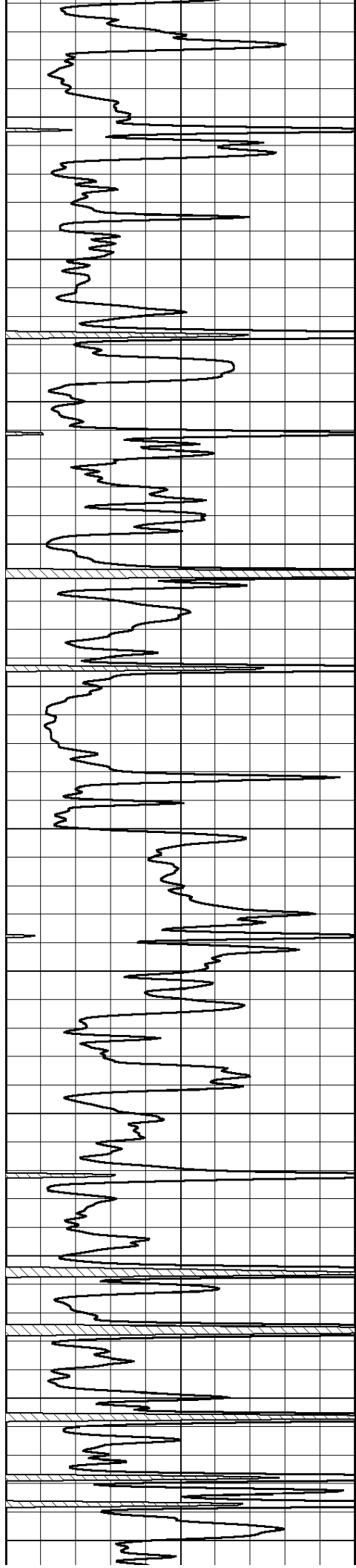
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4200

4250

4300

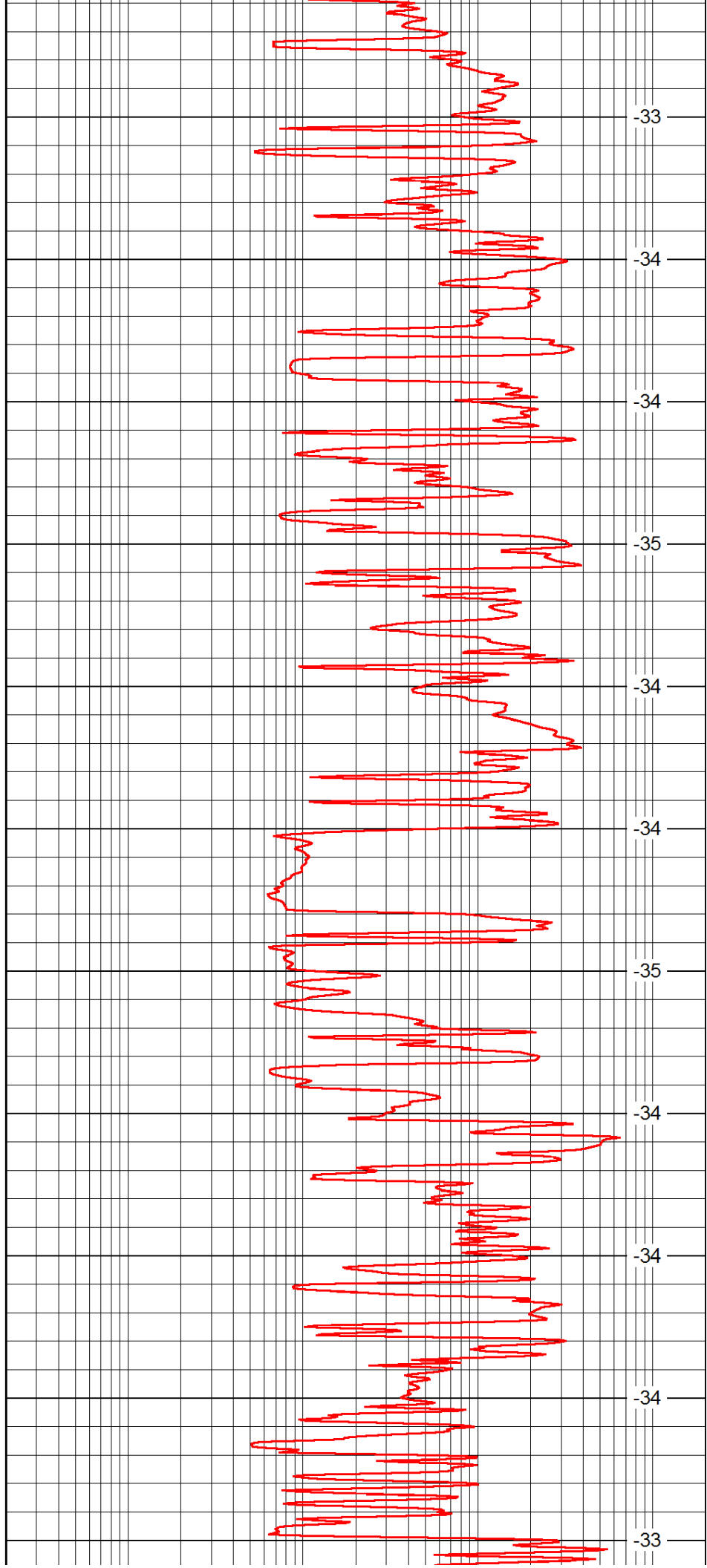
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4500

4550



-33

-34

-34

-35

-34

-34

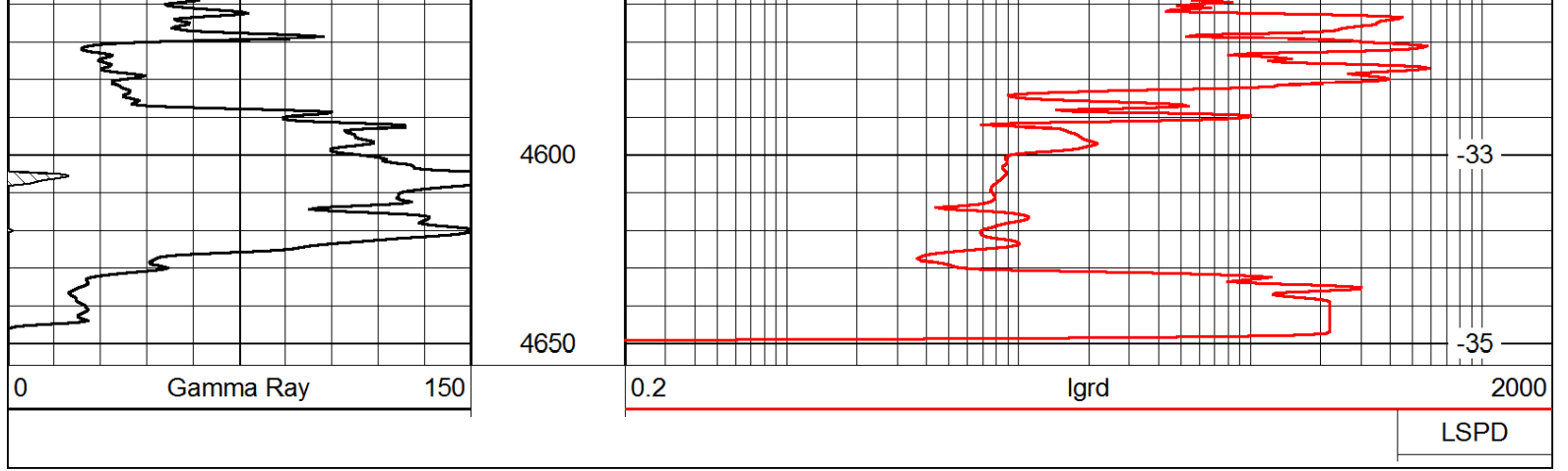
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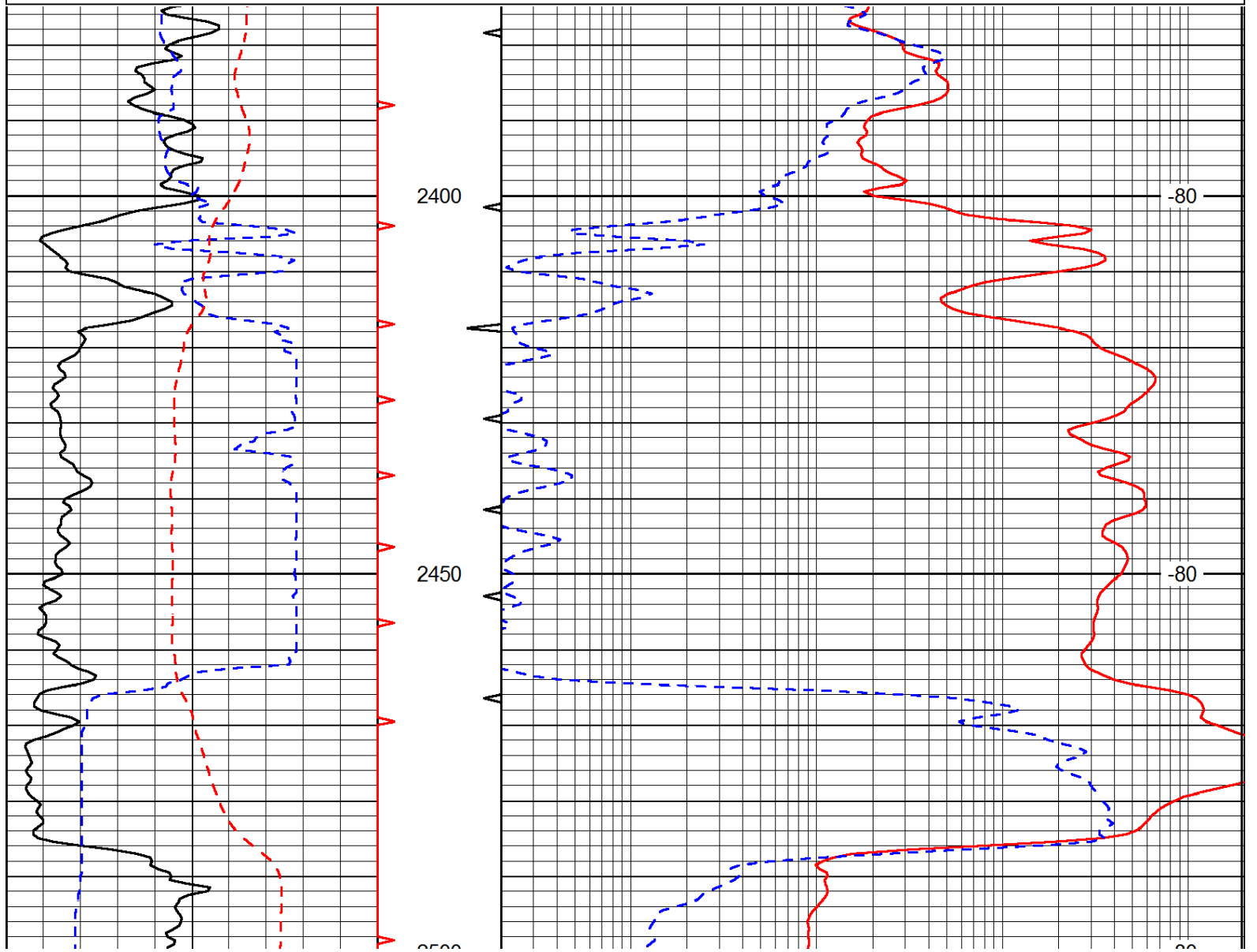
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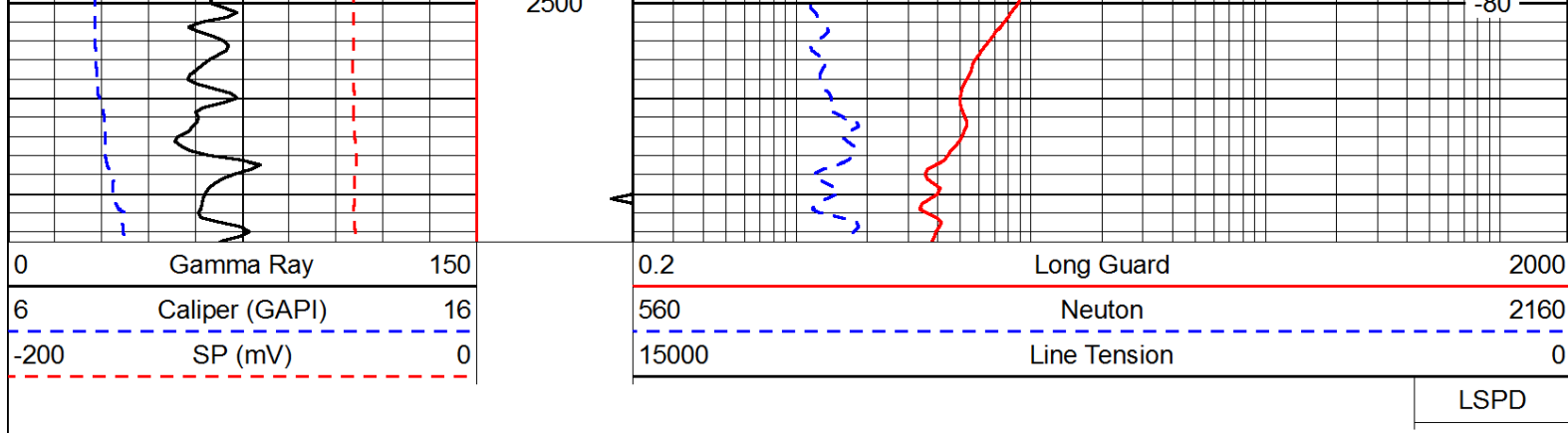
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 Presentation Format: rag
 Dataset Creation: Thu Mar 20 11:45:08 2014
 Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150	0.2	Long Guard	2000
6	Caliper (GAPI)	16	560	Neutron	2160
-200	SP (mV)	0	15000	Line Tension	0
			LSPD		





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