

PIONEER
Pioneer Energy Services

**RADIATION GUARD
LOG**

CompanyBLUE GOOSE DRILLING CO., INC.	
Well	BORELL "H" NO. 1
Field	WILDCAT
County	LANE
State	KANSAS

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Location:	API # : 15-101-22,573-00-00	Other Services
1,825' FNL & 1,914' FWL		NONE
SEC 4	TWP 18S	RGE 27W

Permanent Datum	GROUND LEVEL	Elevation	2612'
Log Measured From	KELLY BUSHING	K.B.	2621'
Drilling Measured From	KELLY BUSHING	D.F.	N/A
		G.L.	2612'

Date	11/7/2015
Run Number	ONE
Depth Driller	4580'
Depth Logger	4576'
Bottom Logged Interval	4575'
Top Log Interval	250'
Casing Driller	8.625" @ 265'
Casing Logger	260'
Bit Size	7.875"
Type Fluid in Hole	CHEMICAL
Salinity,ppm CL	3700
Density / Viscosity	9.3 51
pH / Fluid Loss	9.5 8.8
Source of Sample	Flowline
Rm @ Meas. Temp	.92 @ 62
Rmf @ Meas. Temp	.69 @ 62
Rmc @ Meas. Temp	1.24 @ 62
Source of Rmf / Rmc	Charts
Rm @ BHT	.47 @ 122
Operating Rig Time	2 HOURS
Max Rec. Temp. F	122
Equipment Number	108
Location	Hays
Recorded By	J. LONG
Witnessed By	KEN WALLACE

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All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Pioneer Wireline Services, LLC will not 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.

Comments

N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.

DIGHTON, 9 EAST TO TURKEY RED ROAD, 3 1/2 NORTH, 1 WEST,
1/2 SOUTH, EAST AND SOUTH INTO

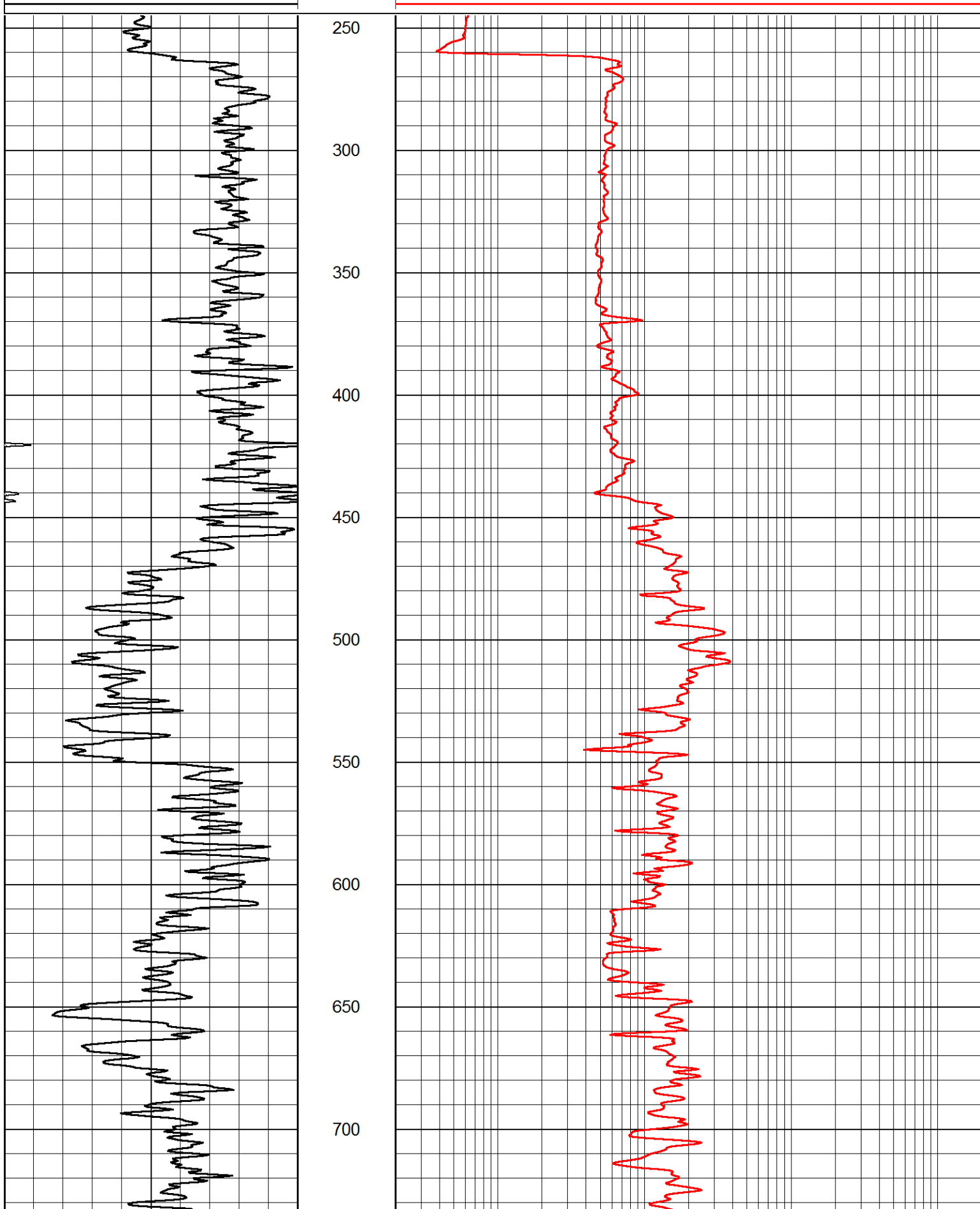
Log Measured From: KELLY BUSHING
9
Ft. Above Permanent Datum

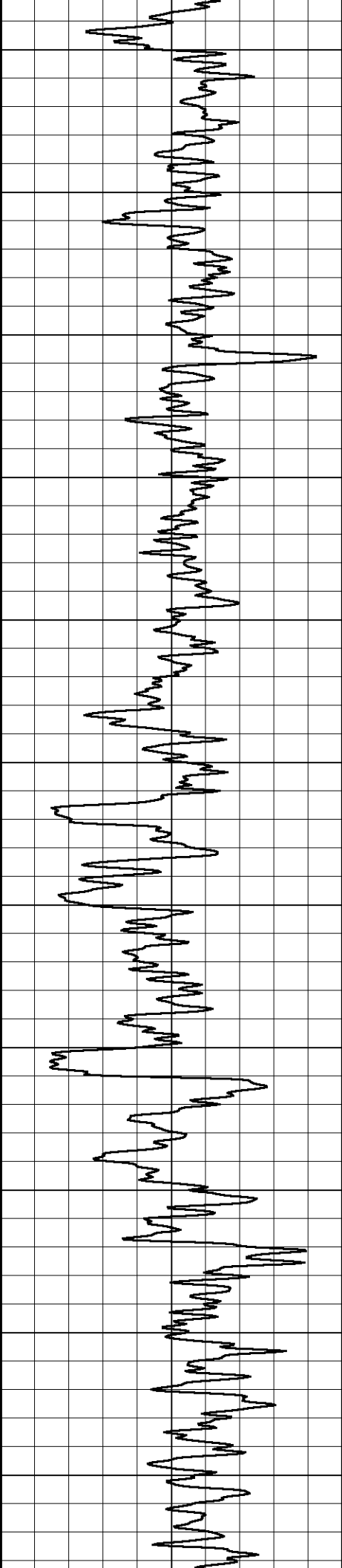
THANK YOU FOR USING PIONEER ENERGY SERVICES
www.pioneerres.com
785-625-3858

Your Pioneer Energy Services Crew Engineer: J. LONG Operator: Operator: Operator:	This Log Record Was Witnessed By Primary Witness: KEN WALLACE Secondary Witness: Secondary Witness: Secondary Witness:
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Database File bluegoose_borell_h_1hd.db
Dataset Pathname RAG/bluerag
Presentation Format rag2in
Dataset Creation Sat Nov 07 10:58:49 2015
Charted by Depth in Feet scaled 1:600

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





750

800

850

900

950

1000

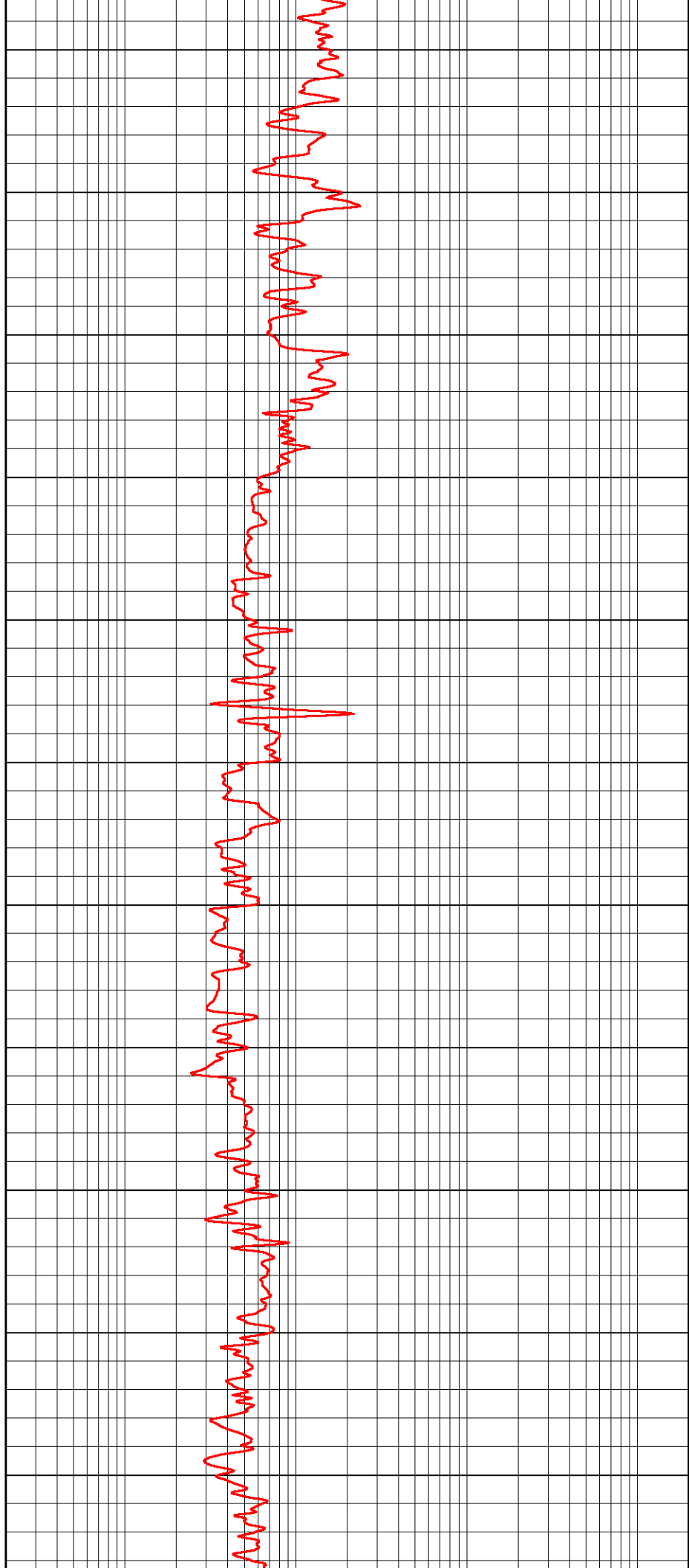
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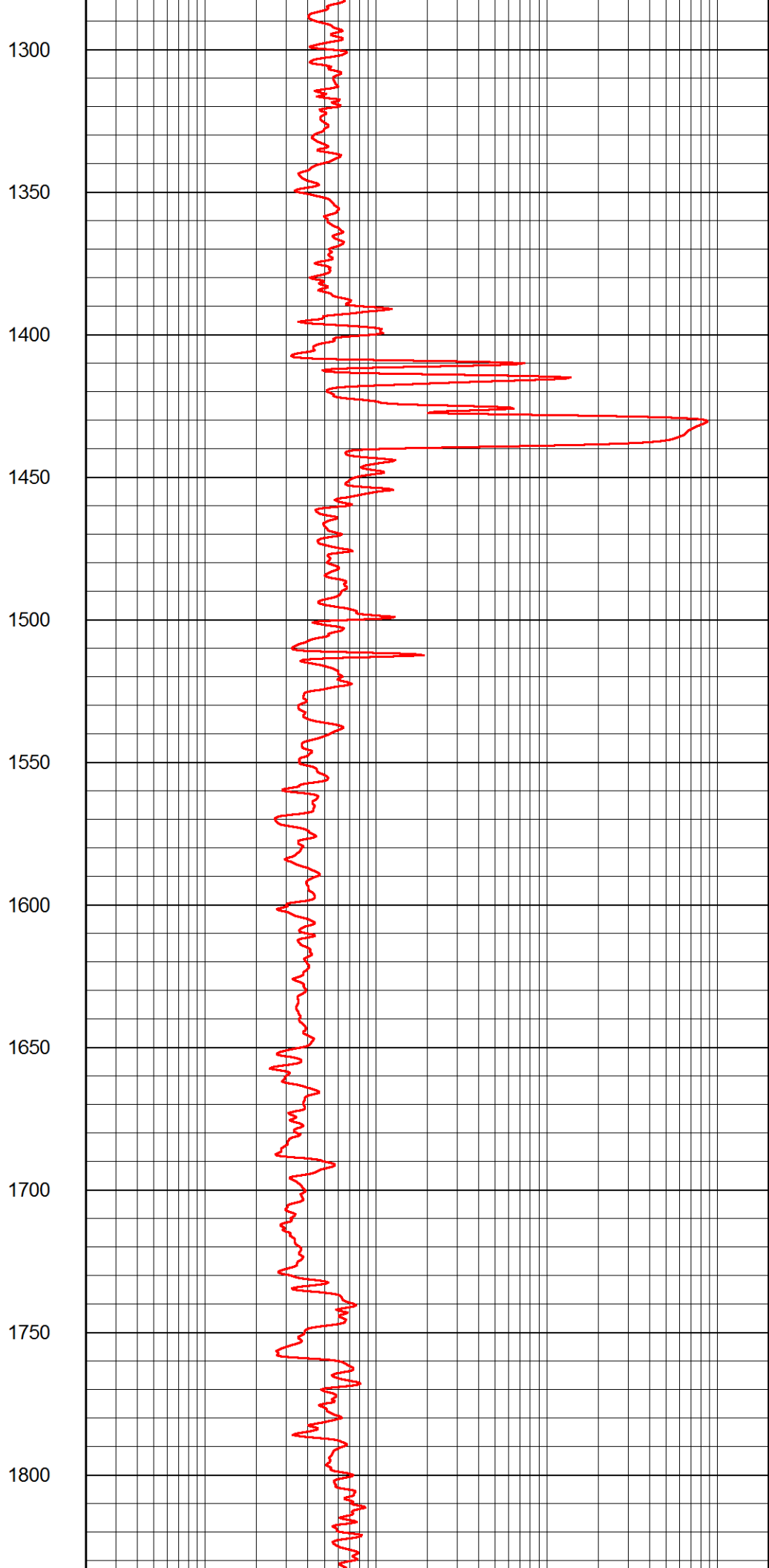
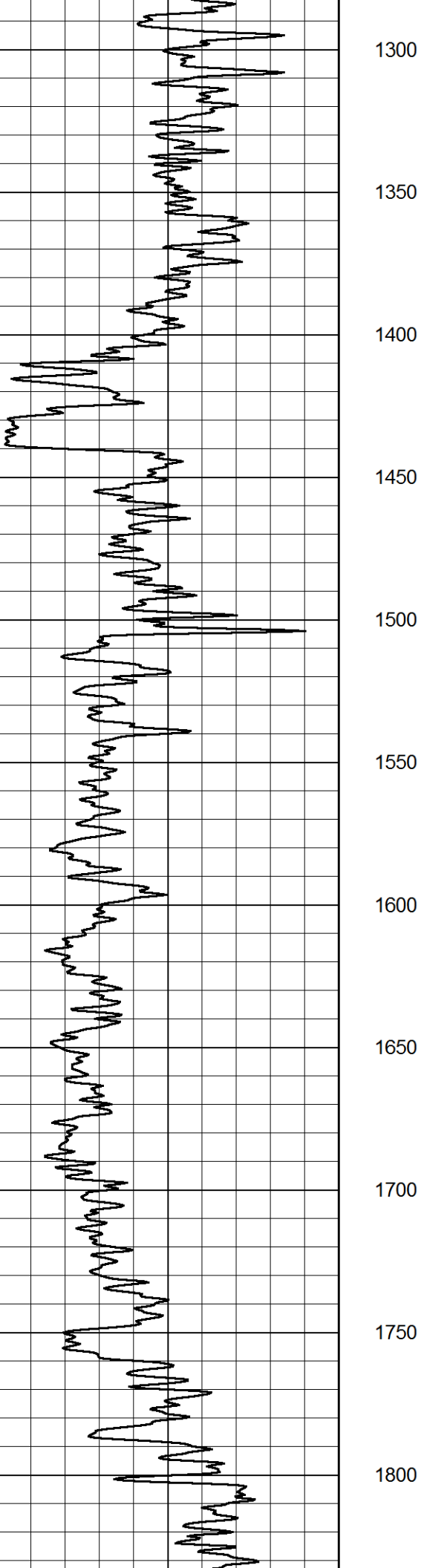
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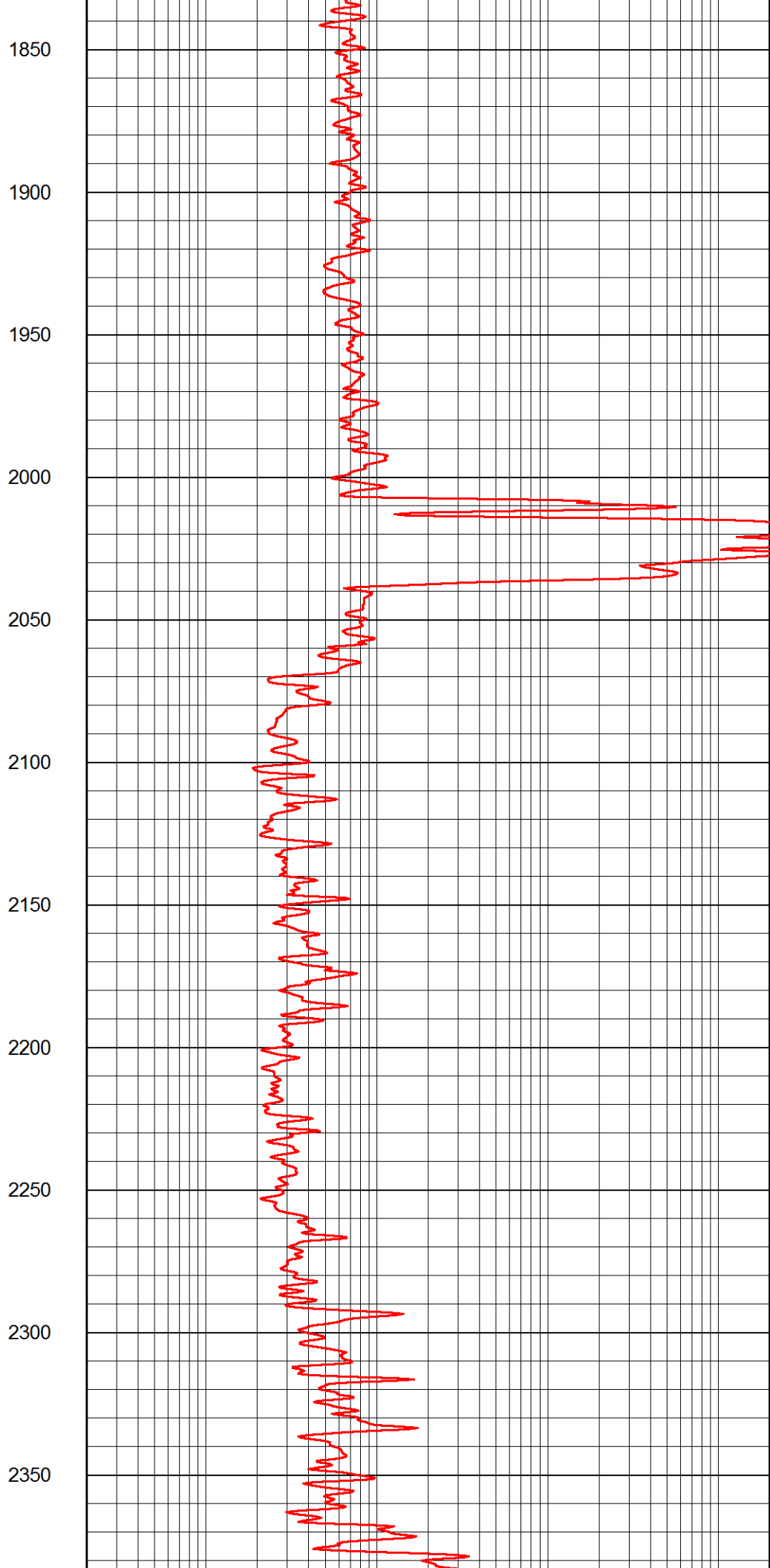
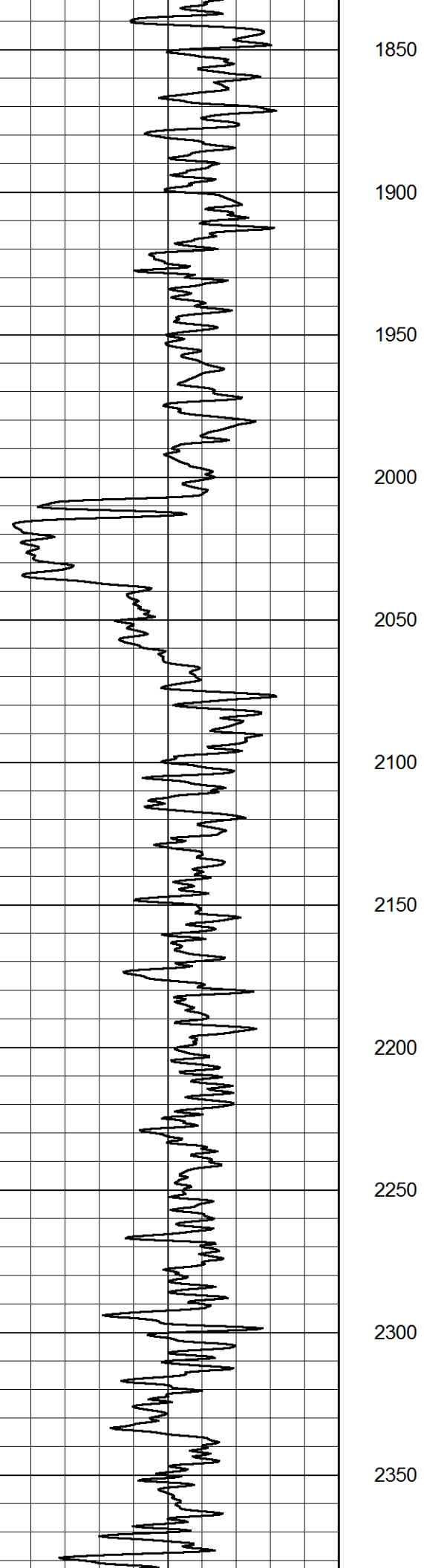
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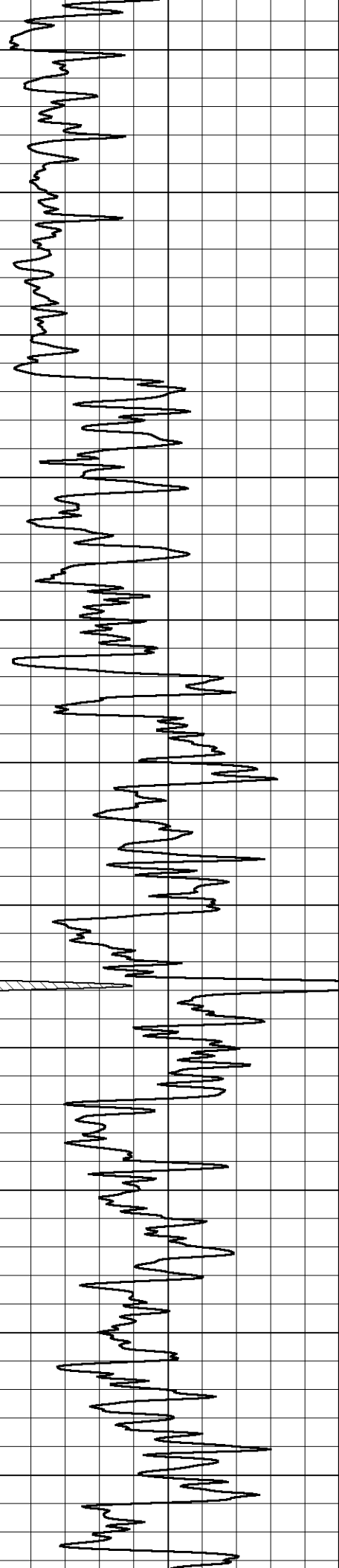
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1250









2400

2450

2500

2550

2600

2650

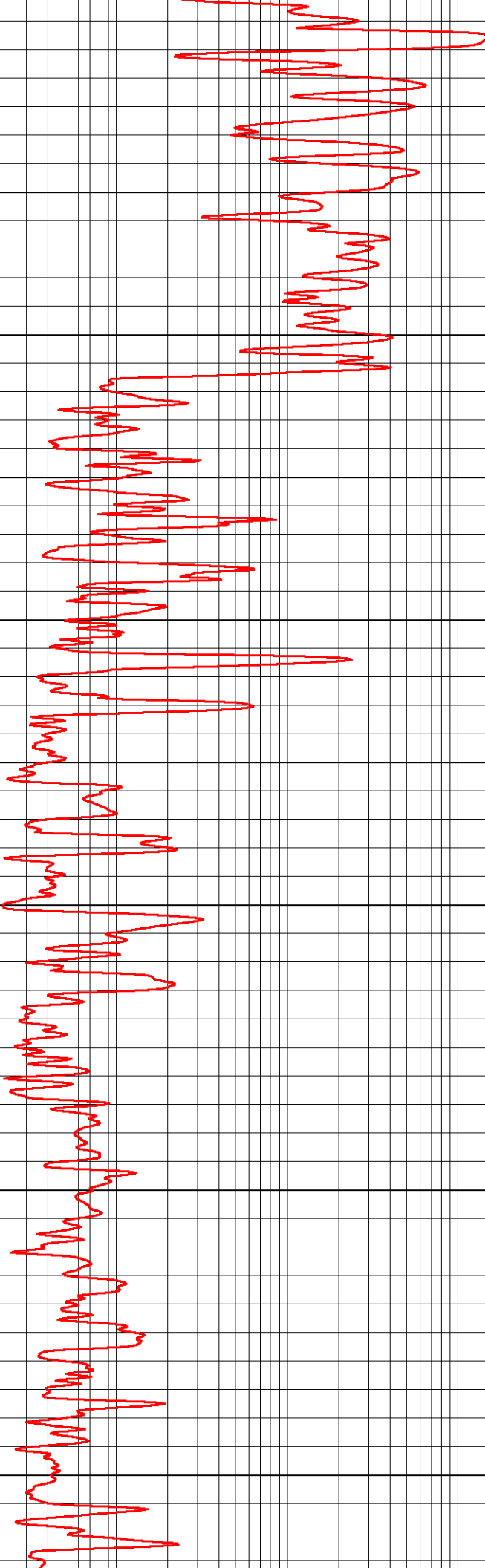
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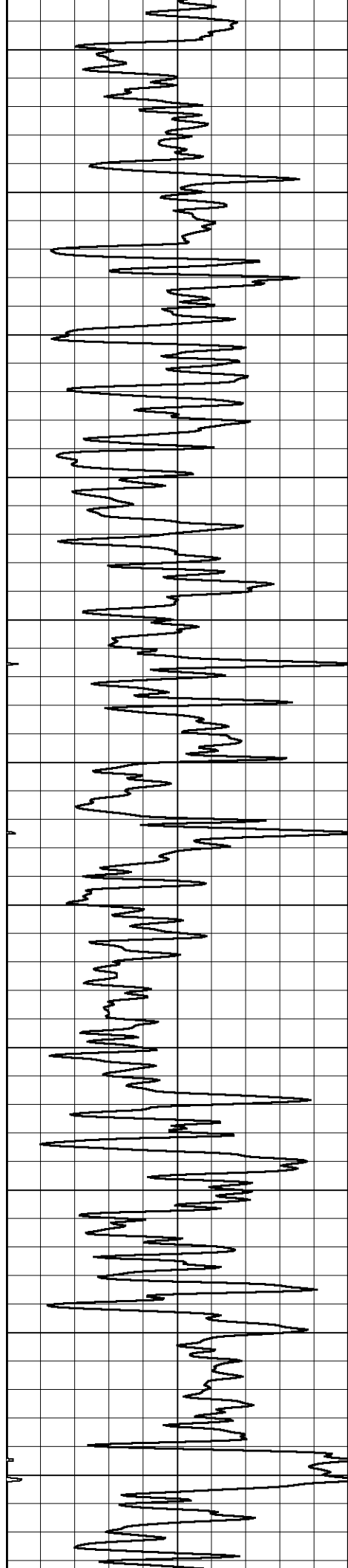
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2950

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3050

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3150

3200

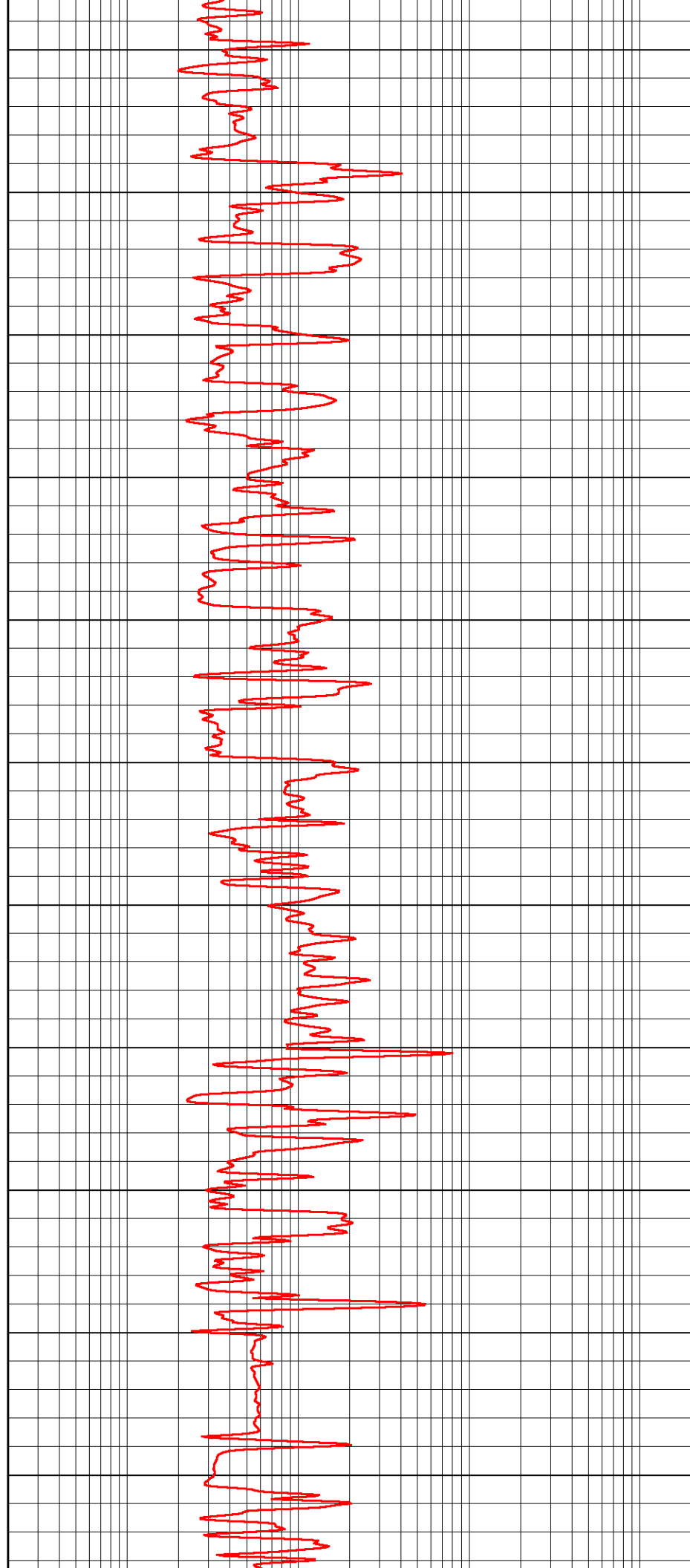
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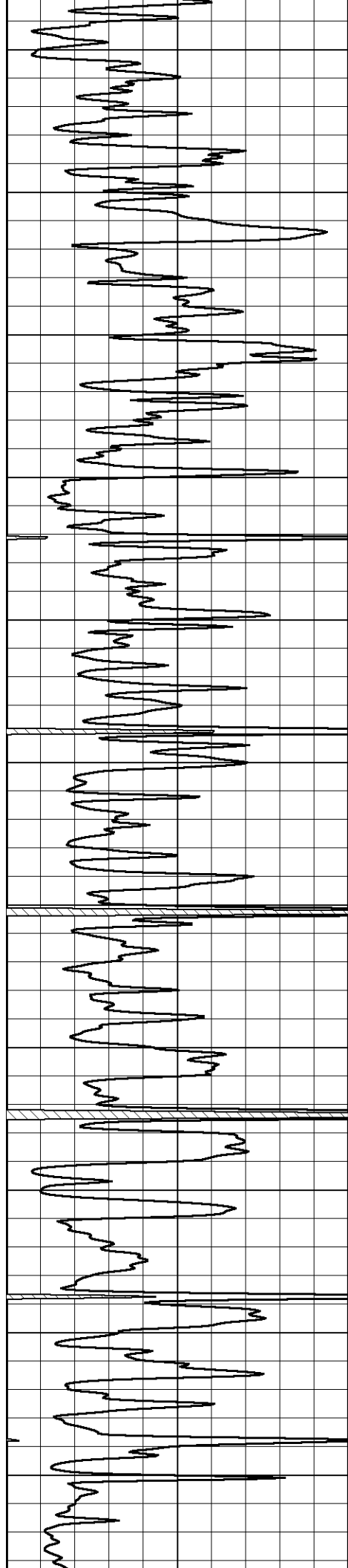
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3400

3450





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3600

3650

3700

3750

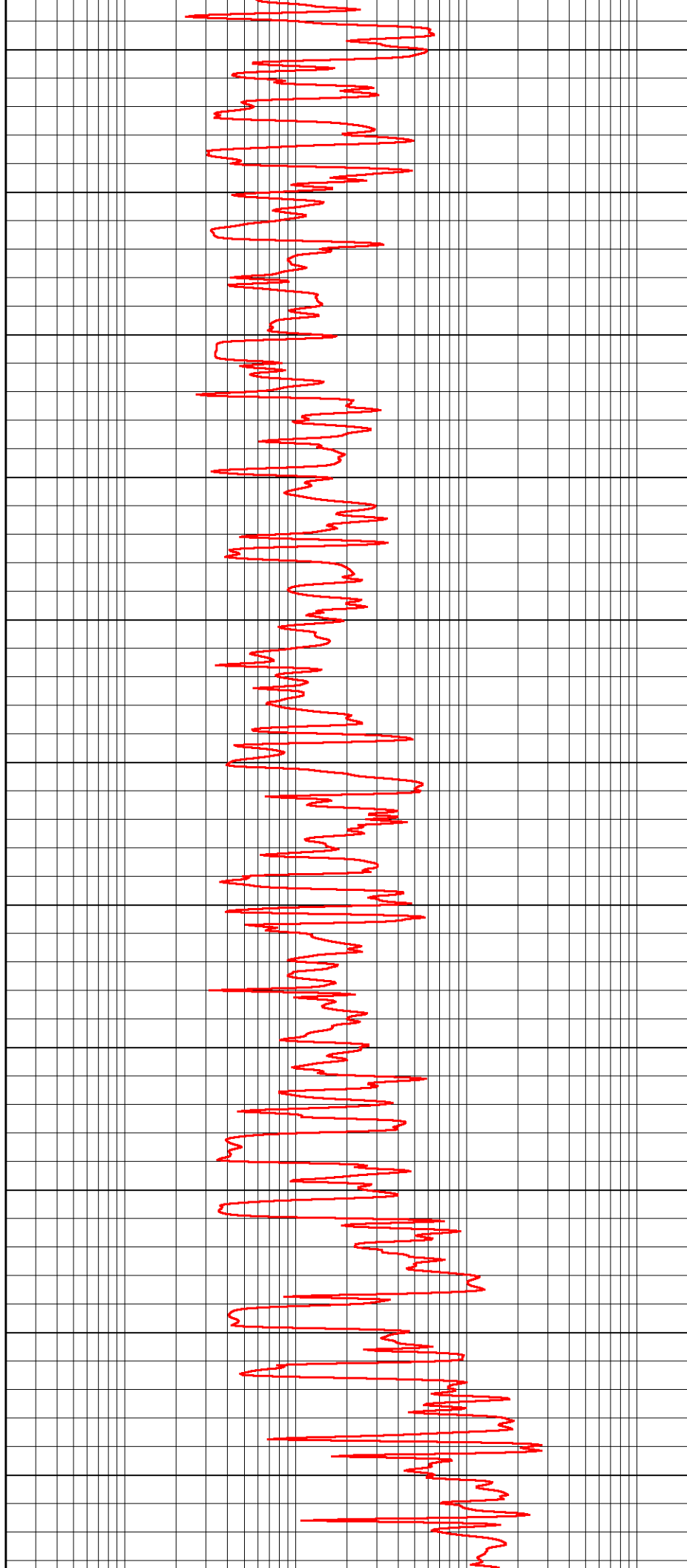
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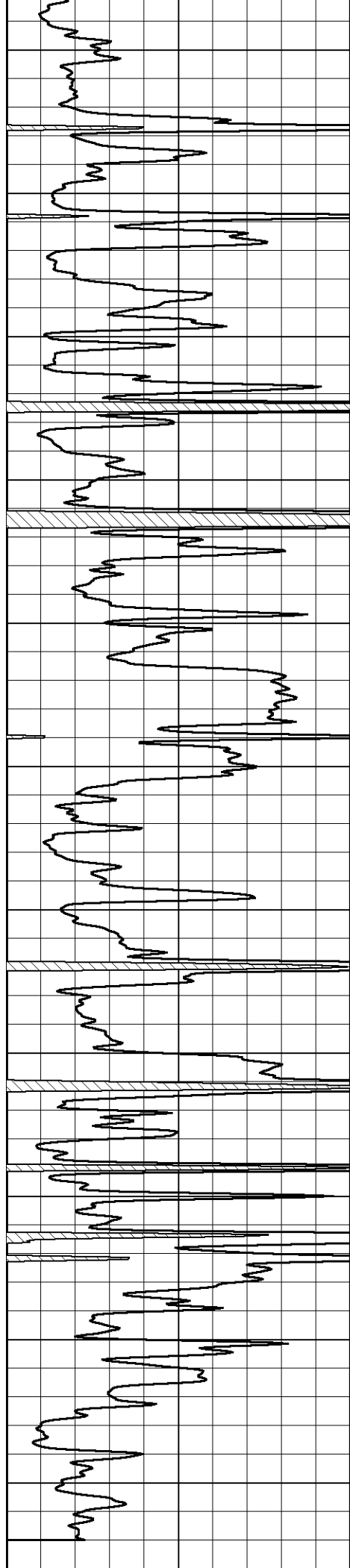
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4150

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4250

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4400

4450

4500

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