



Pioneer Energy Services

Radiation Guard Log

15-053-21,316-00-00

Company Bennett & Schulte Oil Company
Well Zvolanek Heirs #33-1
Field Stoltenberg
County Ellsworth **State** Kansas

Location NW SW SE NW
 2008' FNL & 1596' FWL
Sec: 33 **Twp:** 15S **Rge:** 10W

Other Services
MEL/BHCS

Permanent Datum Ground Level Elevation 1743
Log Measured From Kelly Bushing 7 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Elevation
K.B. 1750
D.F. G.L. 1743

Date	9/30/2014	
Run Number	One	
Depth Driller	3337	
Depth Logger	3332	
Bottom Logged Interval	3331	
Top Log Interval	300	
Casing Driller	8.625 @ 305	
Casing Logger	303	
Bit Size	7.875	
Type Fluid in Hole	Chemical	
Salinity,ppm CL	10,000	
Density / Viscosity	9.0 51	
pH / Fluid Loss	8.5 12.4	
Source of Sample	Flowline	
Rm @ Meas. Temp	0.62 @ 80	
Rmf @ Meas. Temp	0.47 @ 80	
Rmc @ Meas. Temp	0.84 @ 80	
Source of Rmf / Rmc	Charts	
Rm @ BHT	0.45 @ 109	
Operating Rig Time	4 Hours	
Max Rec. Temp. F	109	
Equipment Number	15	
Location	Hays	
Recorded By	D.Kerr	
Witnessed By	Bob Hopkins	

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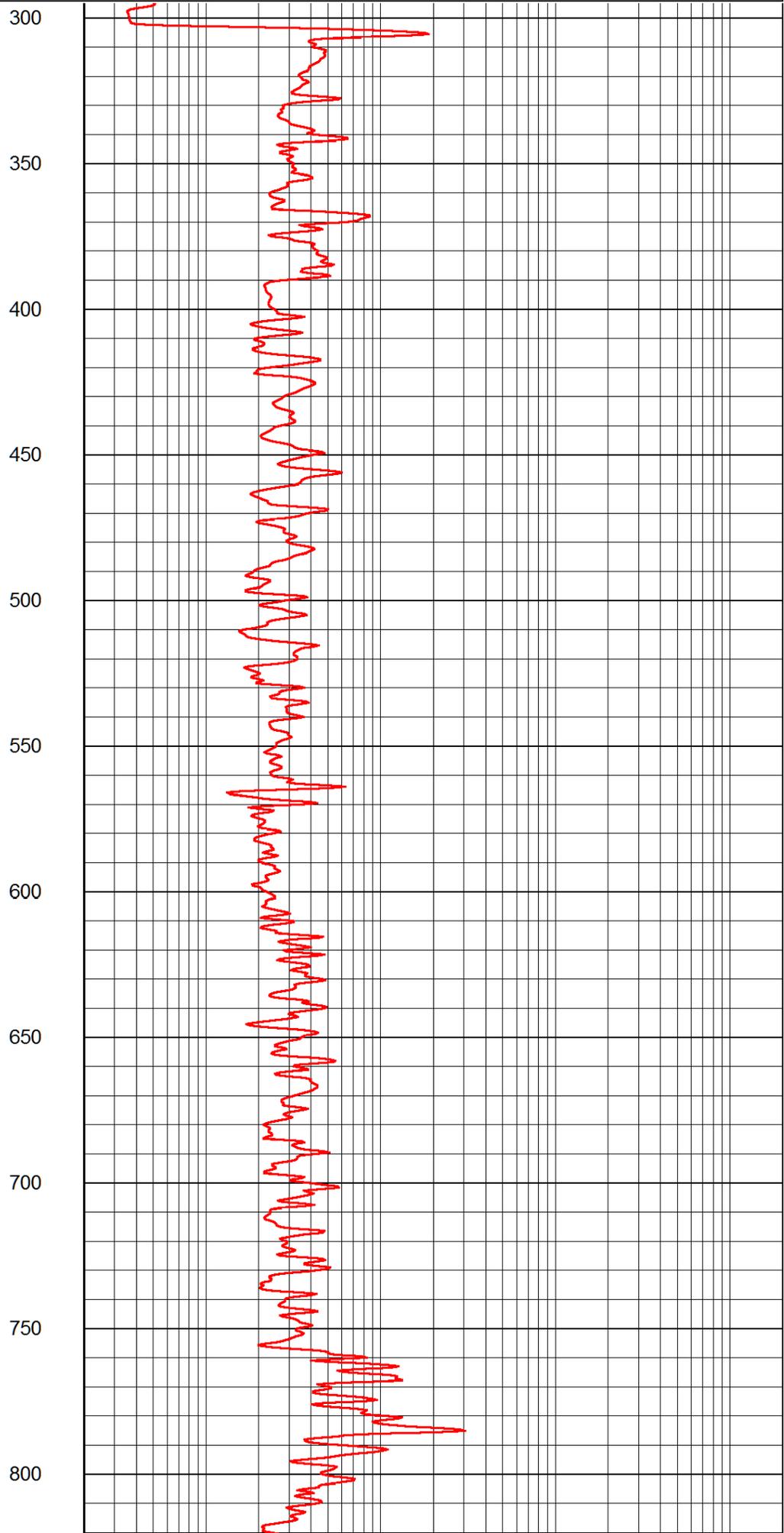
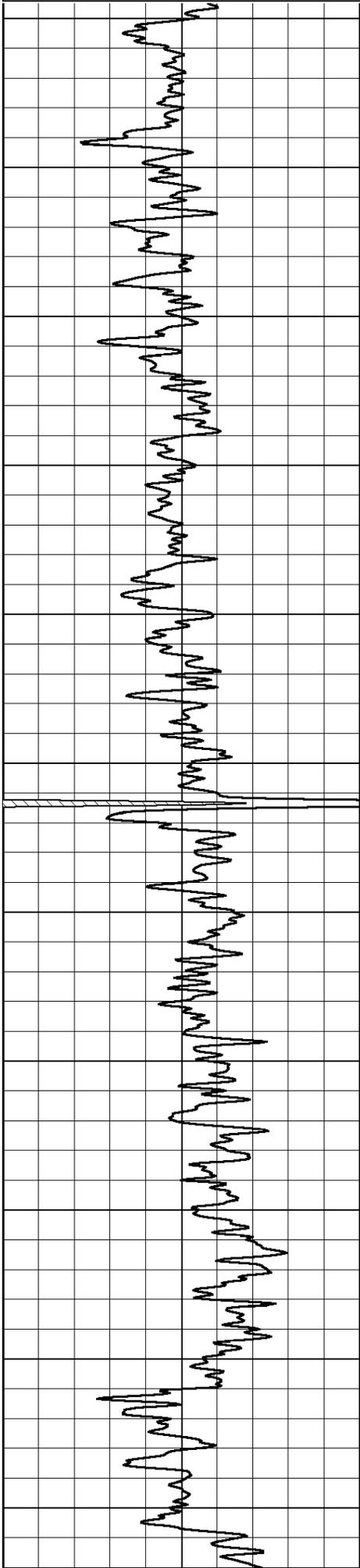
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

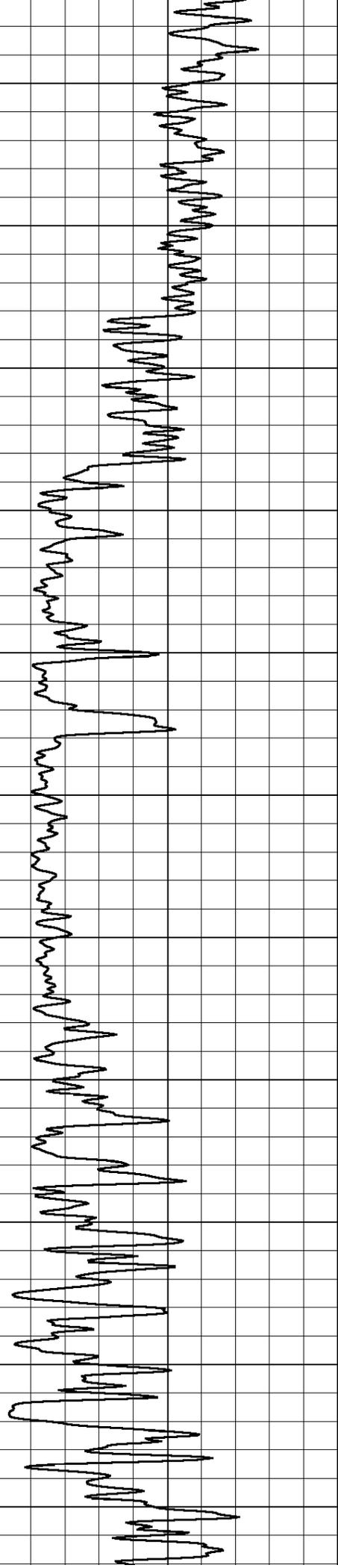
Comments

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

Wilson KS, South to K RD,
2 East, 1 1/2 South, East Into

Database File: bennet&schulte_zvolanekheirs_33_1hd.db
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 Presentation Format: rag2in
 Dataset Creation: Tue Sep 30 16:29:18 2014
 Charted by: Depth in Feet scaled 1:600





850

900

950

1000

1050

1100

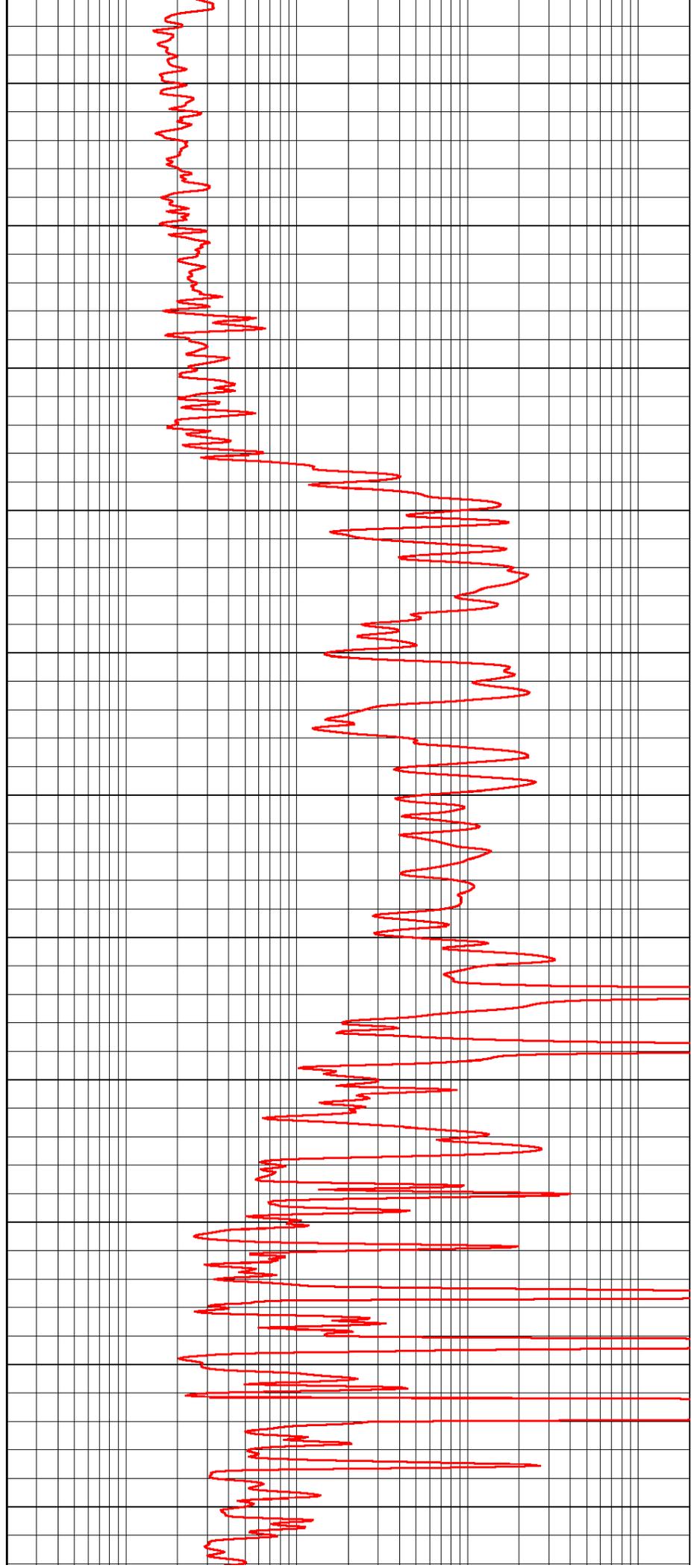
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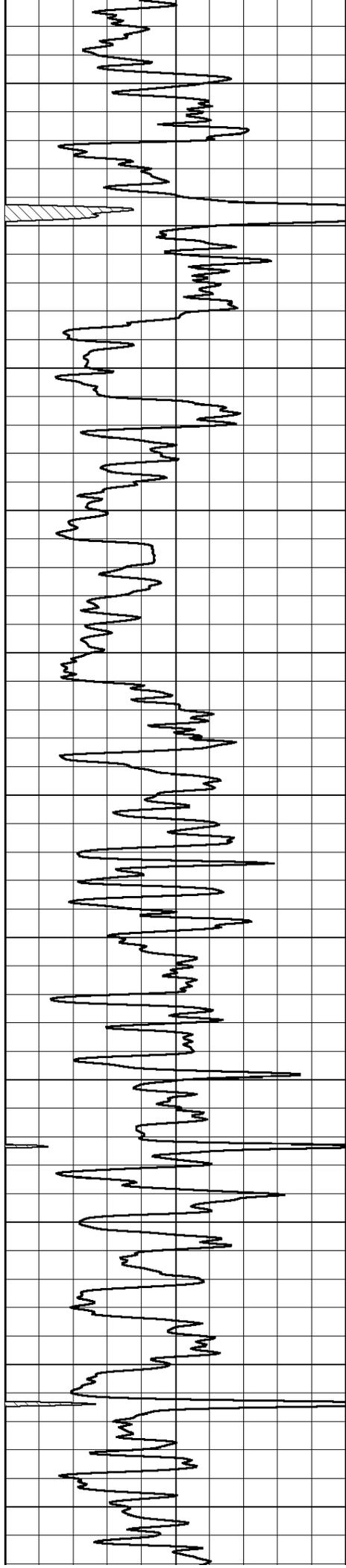
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1250

1300

1350





1400

1450

1500

1550

1600

1650

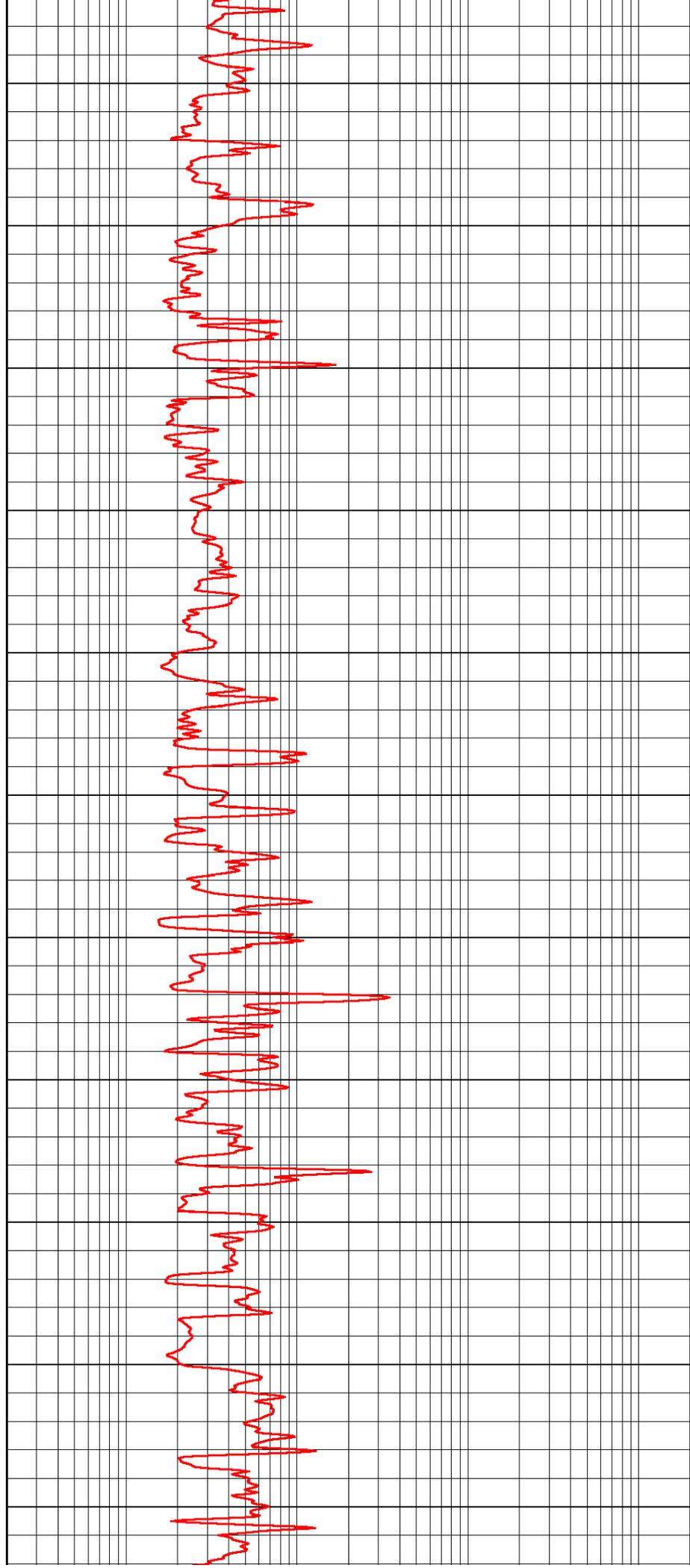
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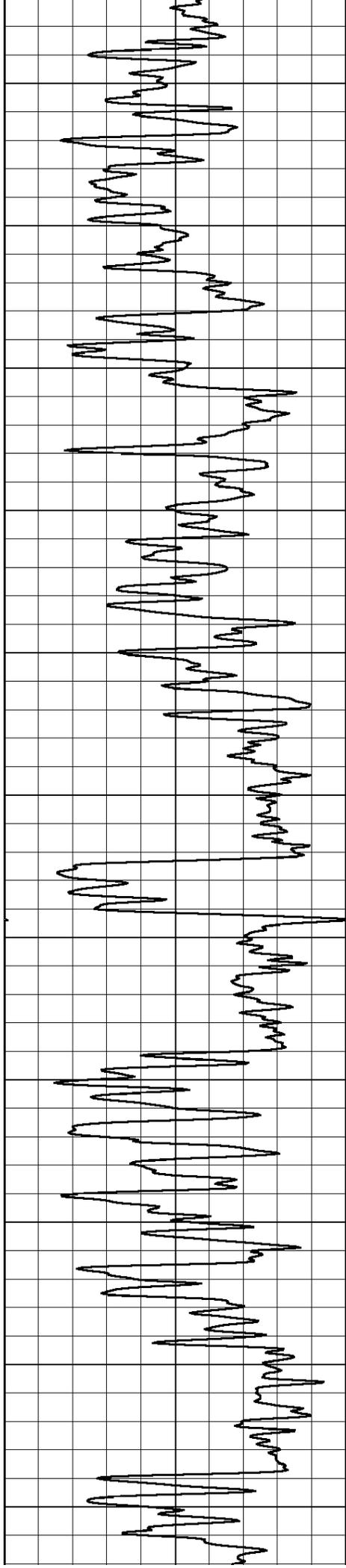
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1800

1850

1900





1950

2000

2050

2100

2150

2200

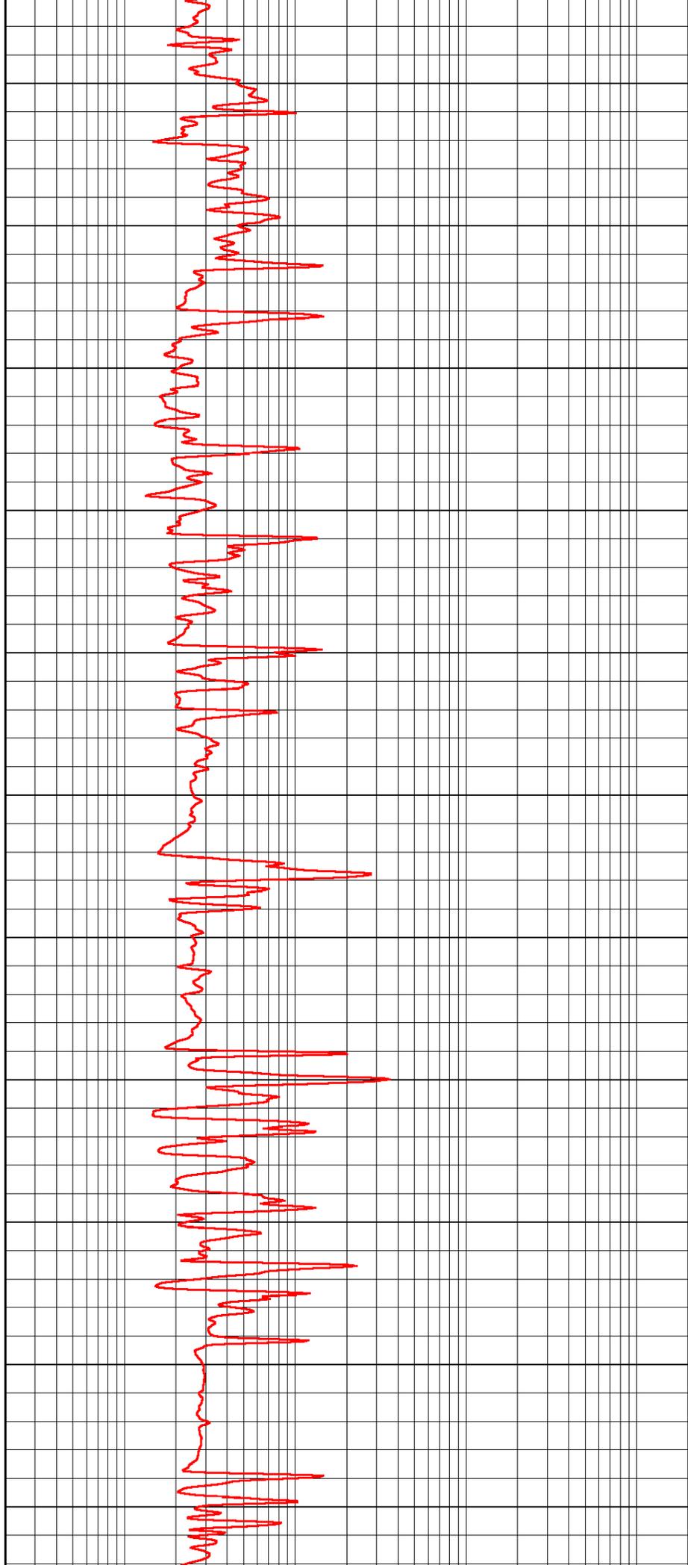
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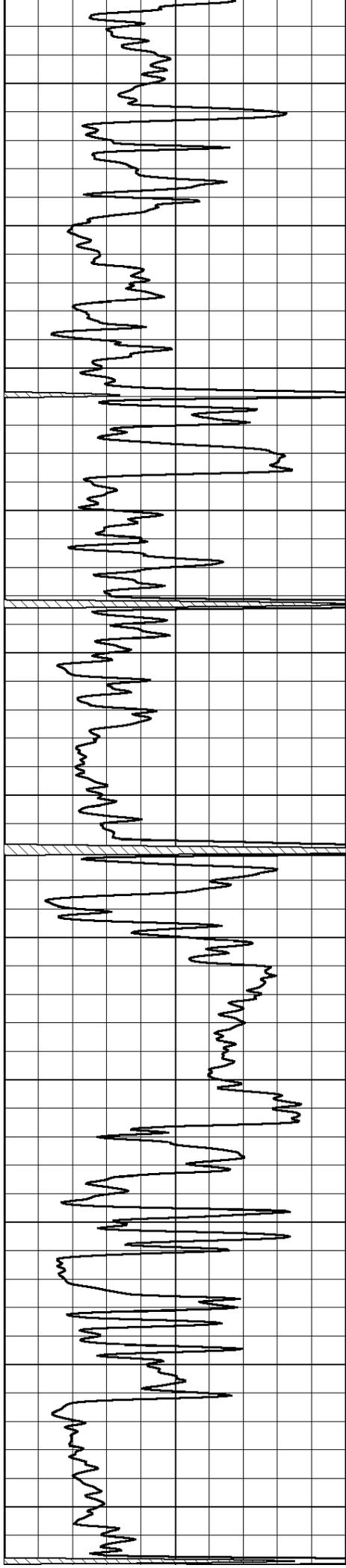
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2350

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2500

2550

2600

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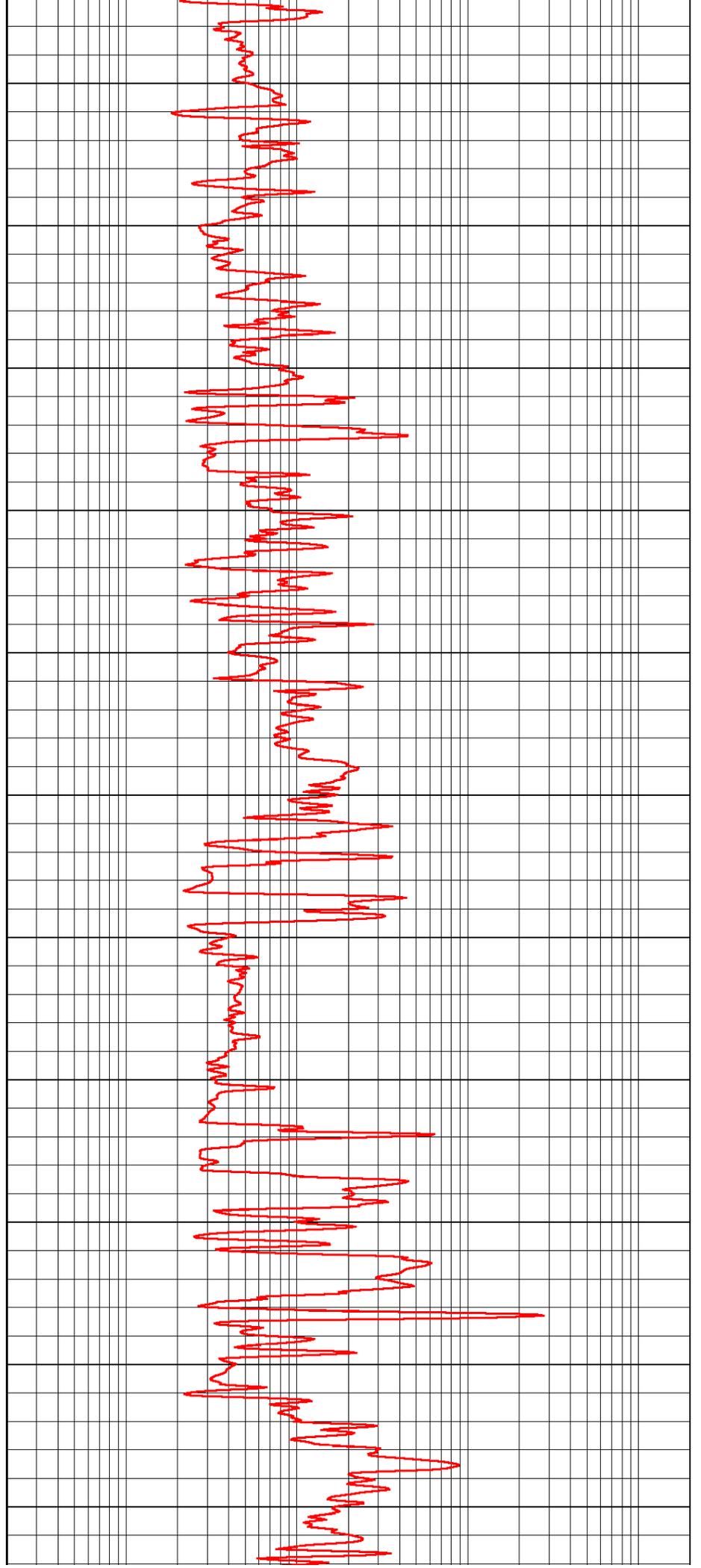
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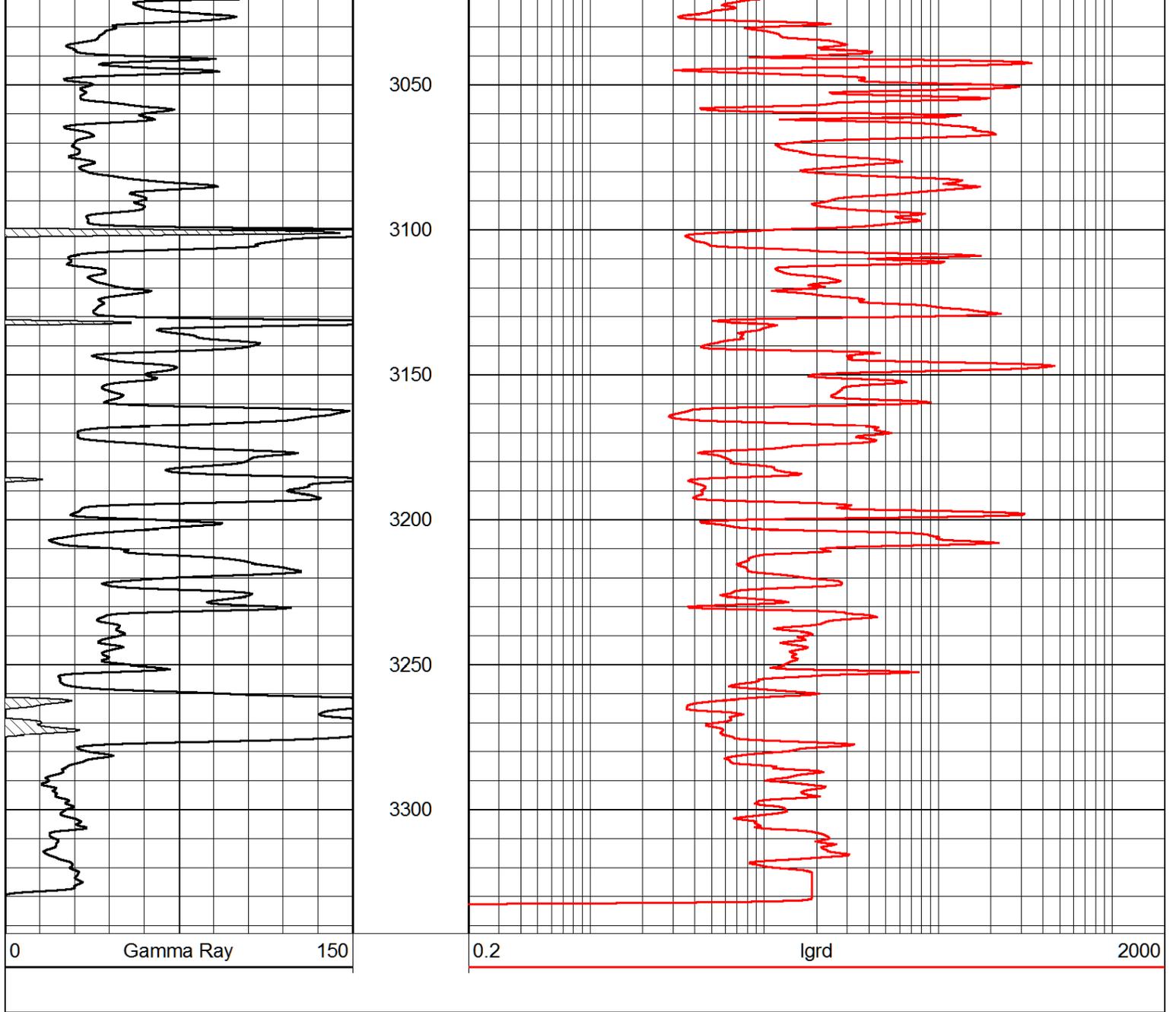
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2900

2950

3000





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0	Gamma Ray	150	0.2	LGRD	2000
6	Caliper (GAPI)	16	560	SWNC	2160
-200	sp (mV)	0	15000	Line Tension	0

LSPD

