



PIONEER

Pioneer Energy Services

Radiation Guard Log

API No.

15-051-26,386-00-00

Company **Bennett & Schulte Oil Company**

Well **T. Hoffman No 24 - 1**

Field **Dortland**

County **Ellis** State **Kansas**

Location

**SE NE NW NW
600' FNL & 1270' FWL**

Other Services
BHCS

Sec: **24** Twp: **13 S** Rge: **16 W**

Permanent Datum **Ground Level** Elevation **1955**
Log Measured From **Kelly Bushing** 7 Ft. Above Perm. Datum
Drilling Measured From **Kelly Bushing**

Elevation
K.B. 1962
D.F. 1955
G.L. 1955

Date **9/14/2012**

Run Number **One**

Depth Driller **3460**

Depth Logger **3455**

Bottom Logged Interval **3454**

Top Log Interval **200**

Casing Driller **8.625 @ 221**

Casing Logger **216**

Bit Size **7.875**

Type Fluid in Hole **Chemical**

Salinity, ppm CL **3000**

Density / Viscosity **9.3 51**

pH / Fluid Loss **8.5 10.4**

Source of Sample **Flowline**

Rm @ Meas. Temp **1.20 @ 64**

Rmf @ Meas. Temp **.90 @ 64**

Rmc @ Meas. Temp **1.62 @ 64**

Source of Rmf / Rmc **Charts**

Rm @ BHT **.69 @ 111**

Operating Rig Time **4 Hours**

Max Rec. Temp. F **111**

Equipment Number **17**

Location **Hays**

Recorded By **D. Martin**

Witnessed By **Frank Schulte**

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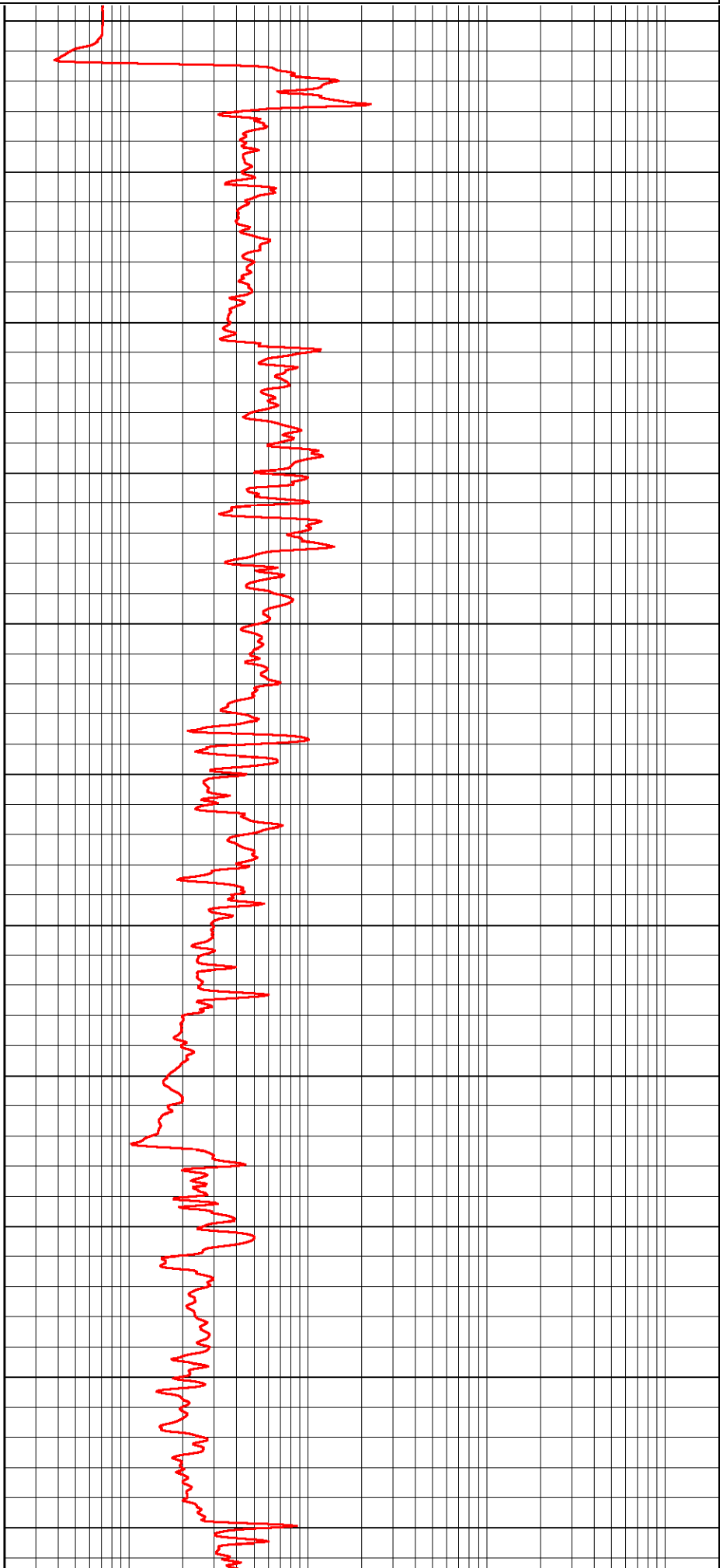
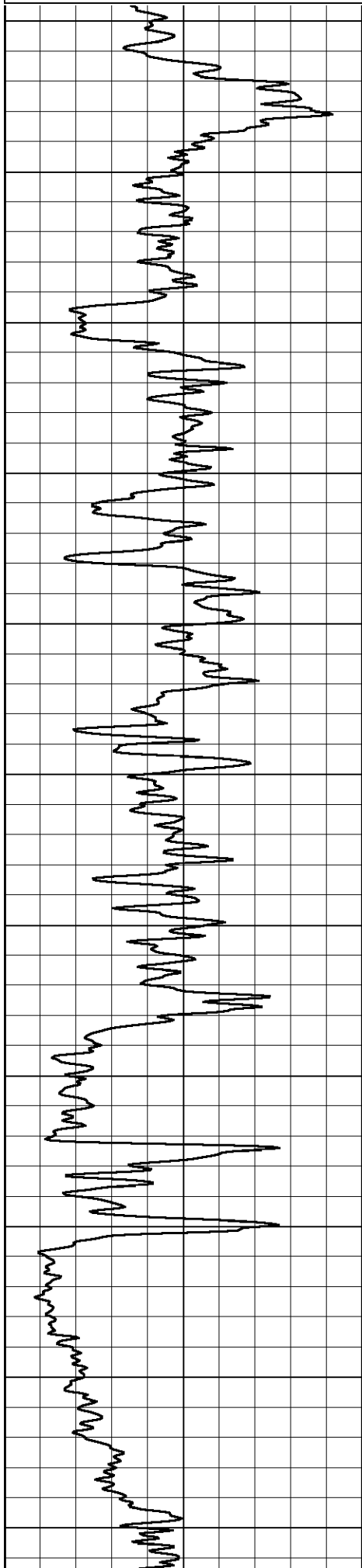
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

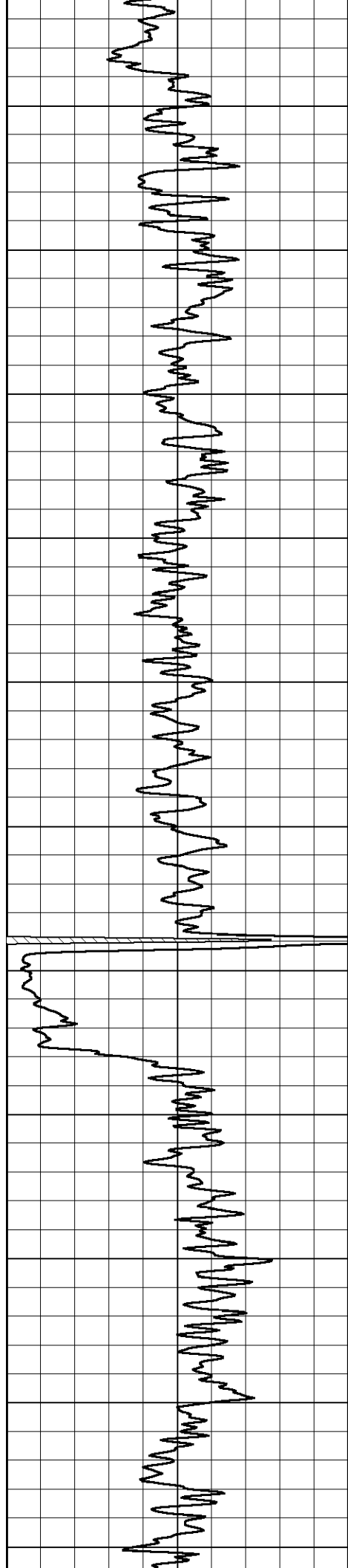
Comments

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

Walker, KS
2 N to Vineyard Rd.,
1 E, 1 N, E Into

Database File: benhd.db
Dataset Pathname: RAG/benrag
Presentation Format: rag2in
Dataset Creation: Fri Sep 14 19:24:15 2012
Charted by: Depth in Feet scaled 1:600





750

800

850

900

950

1000

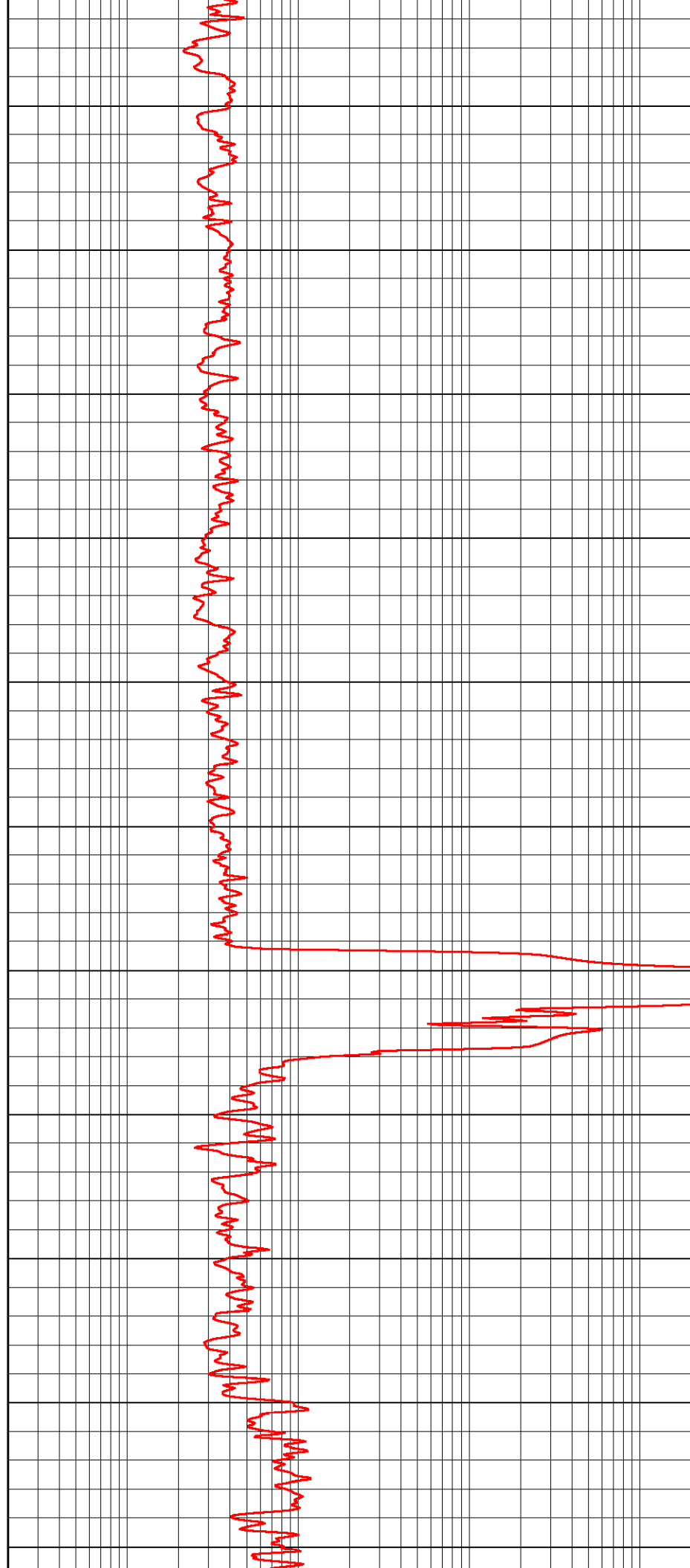
1050

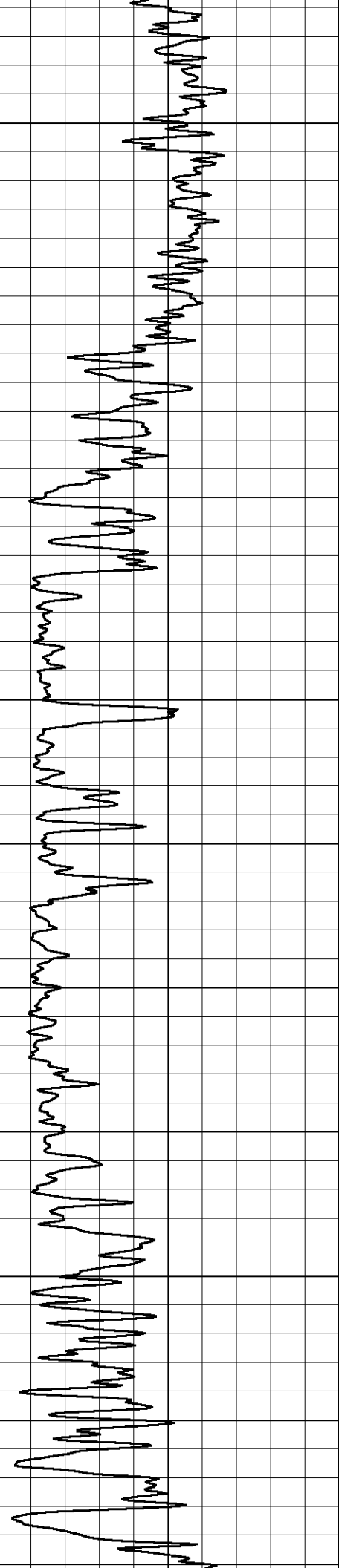
1100

1150

1200

1250





1300

1350

1400

1450

1500

1550

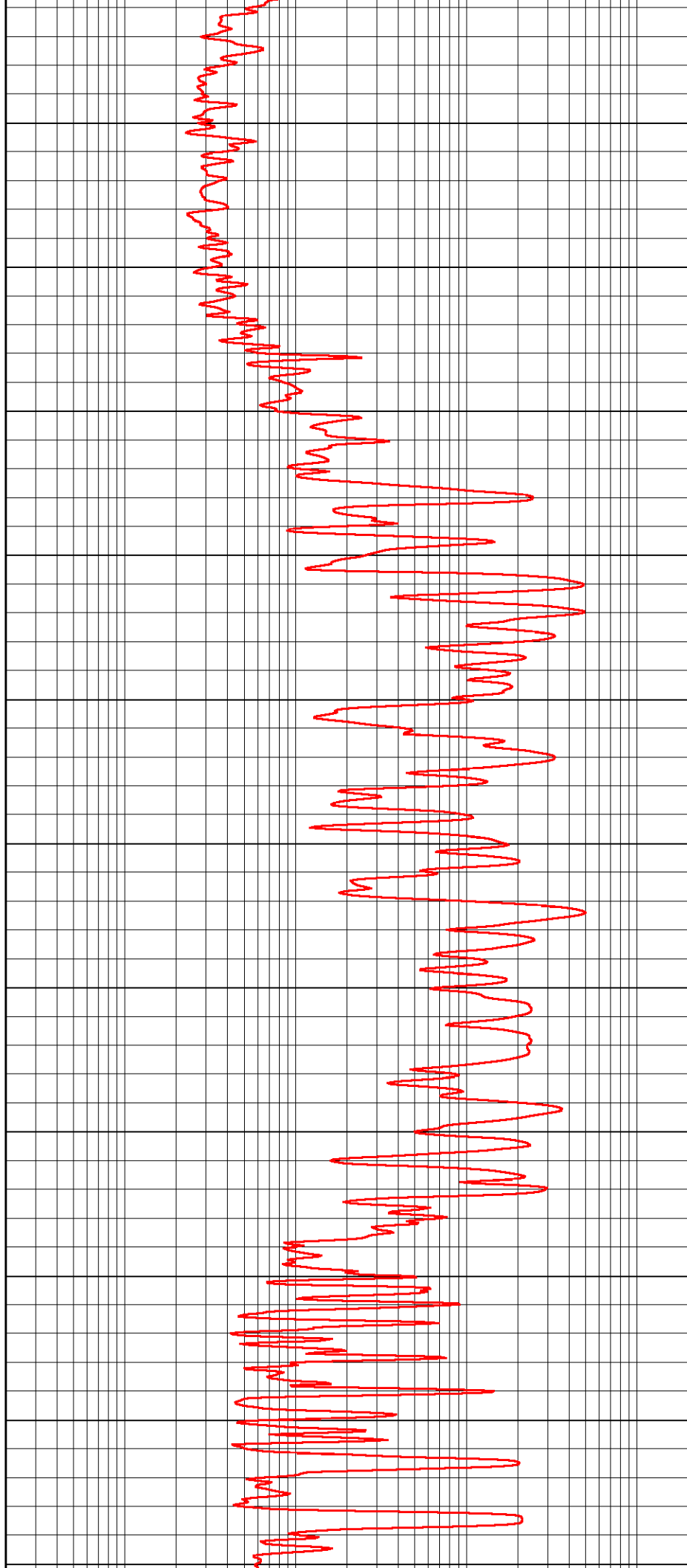
1600

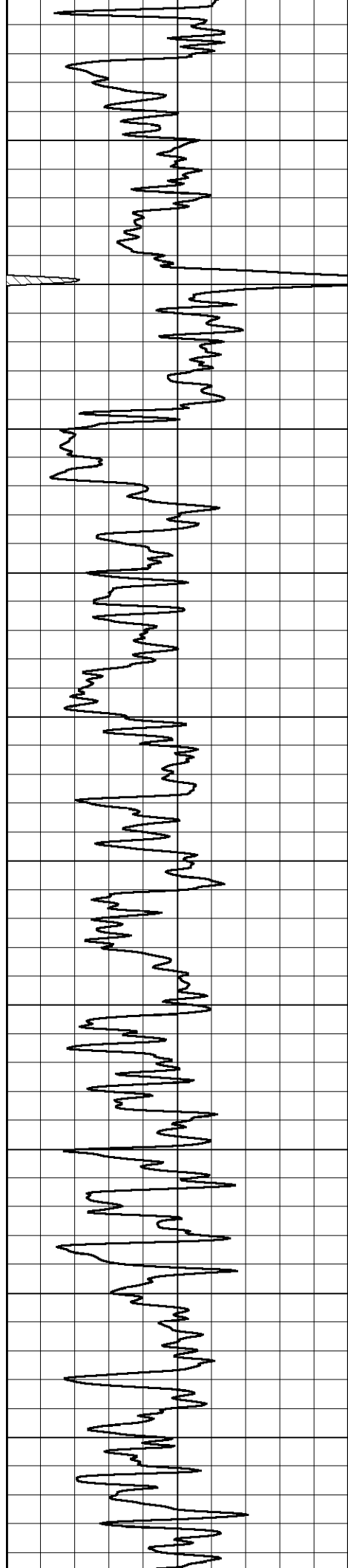
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1700

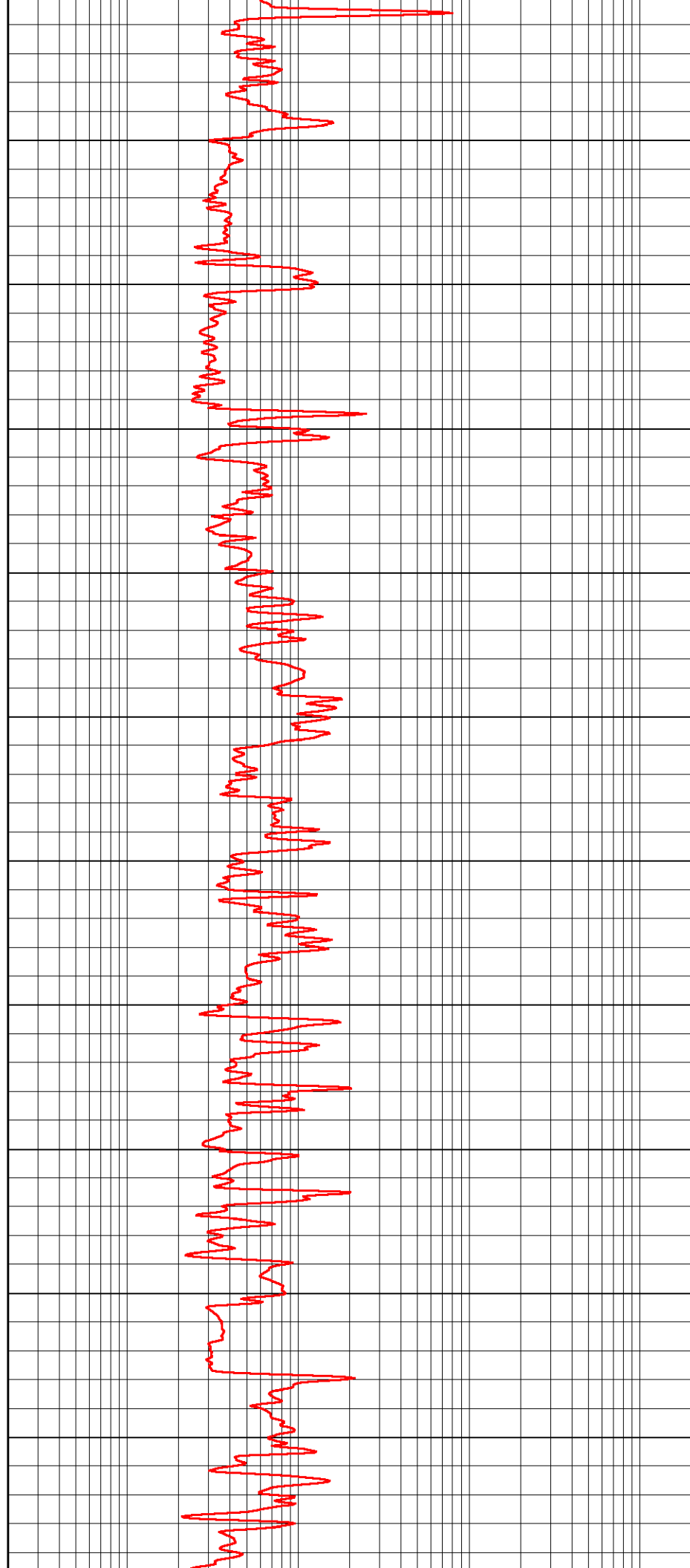
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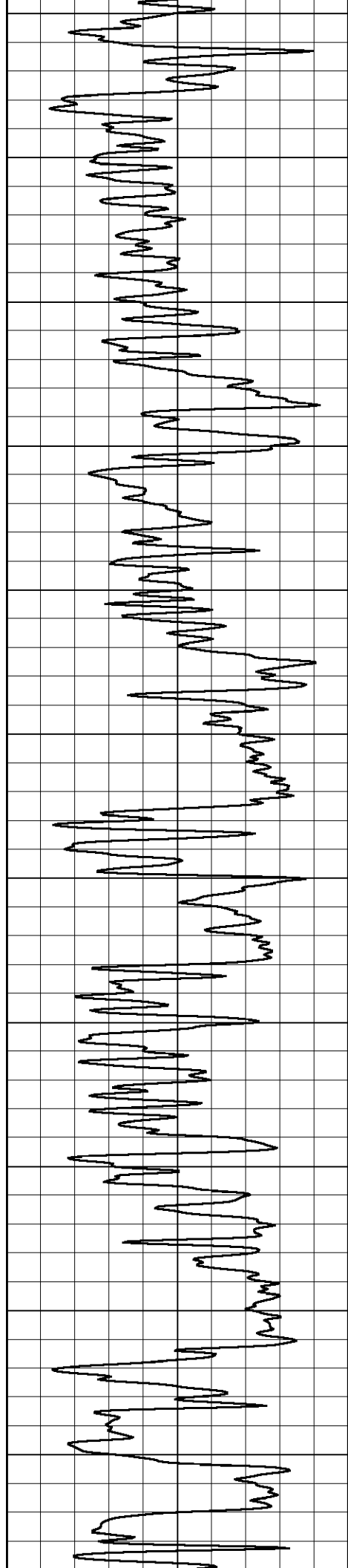
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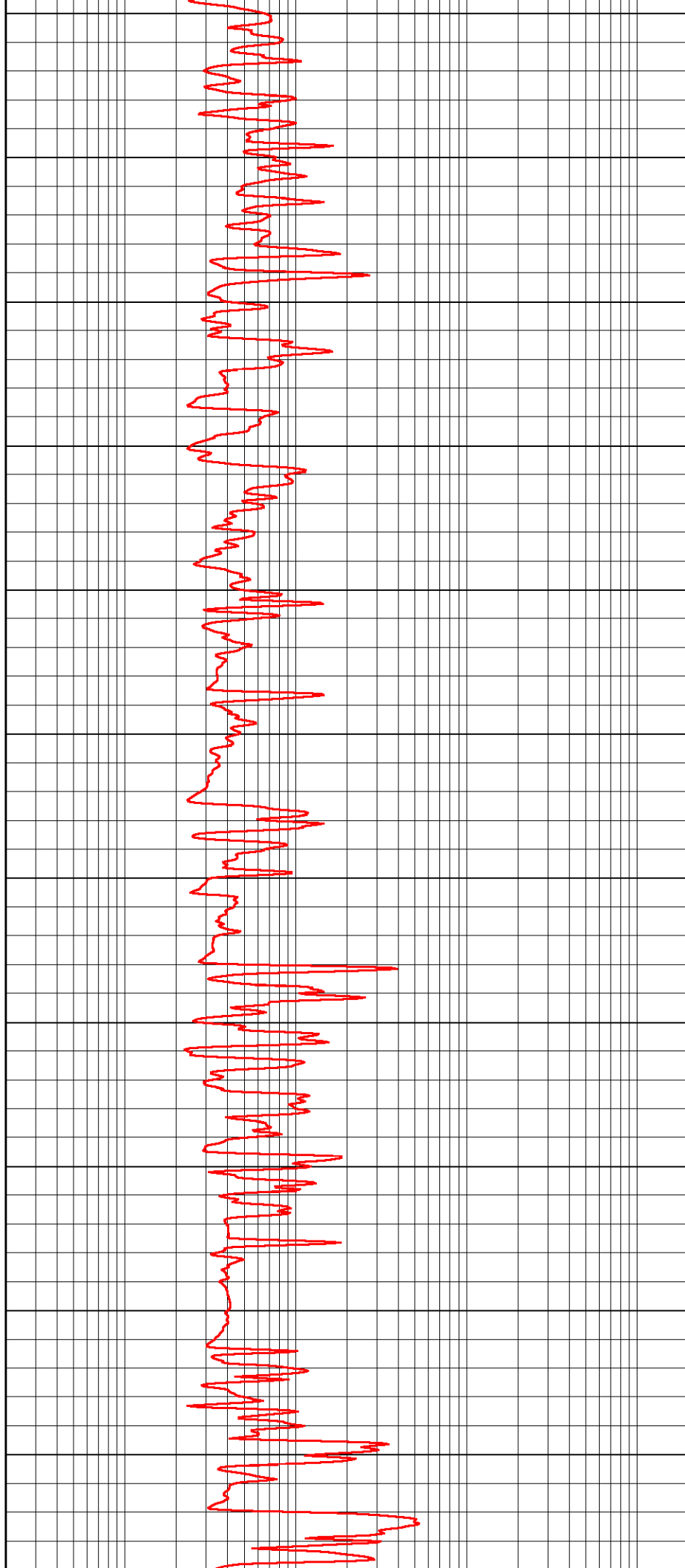


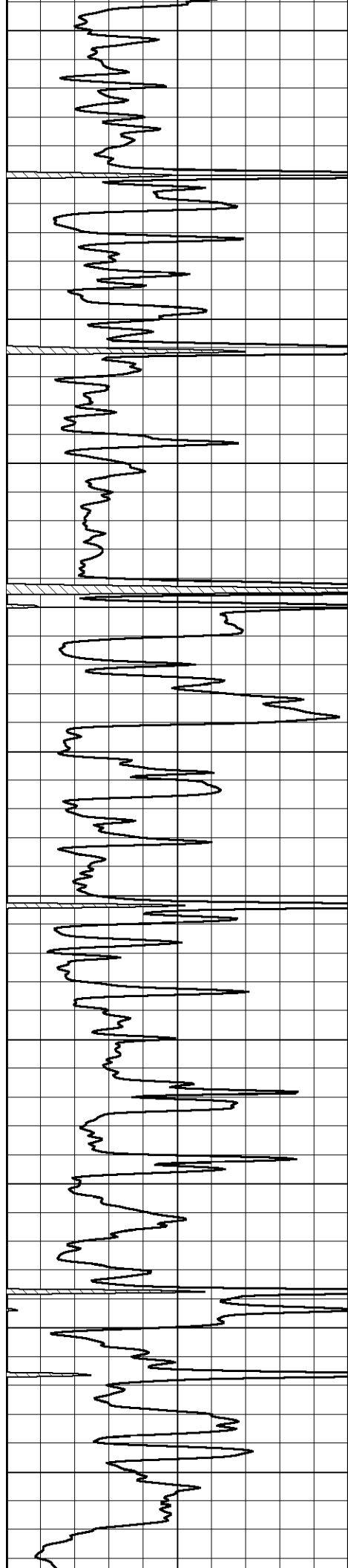
1850
1900
1950
2000
2050
2100
2150
2200
2250
2300





2350
2400
2450
2500
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2600
2650
2700
2750
2800
2850





2900

2950

3000

3050

3100

3150

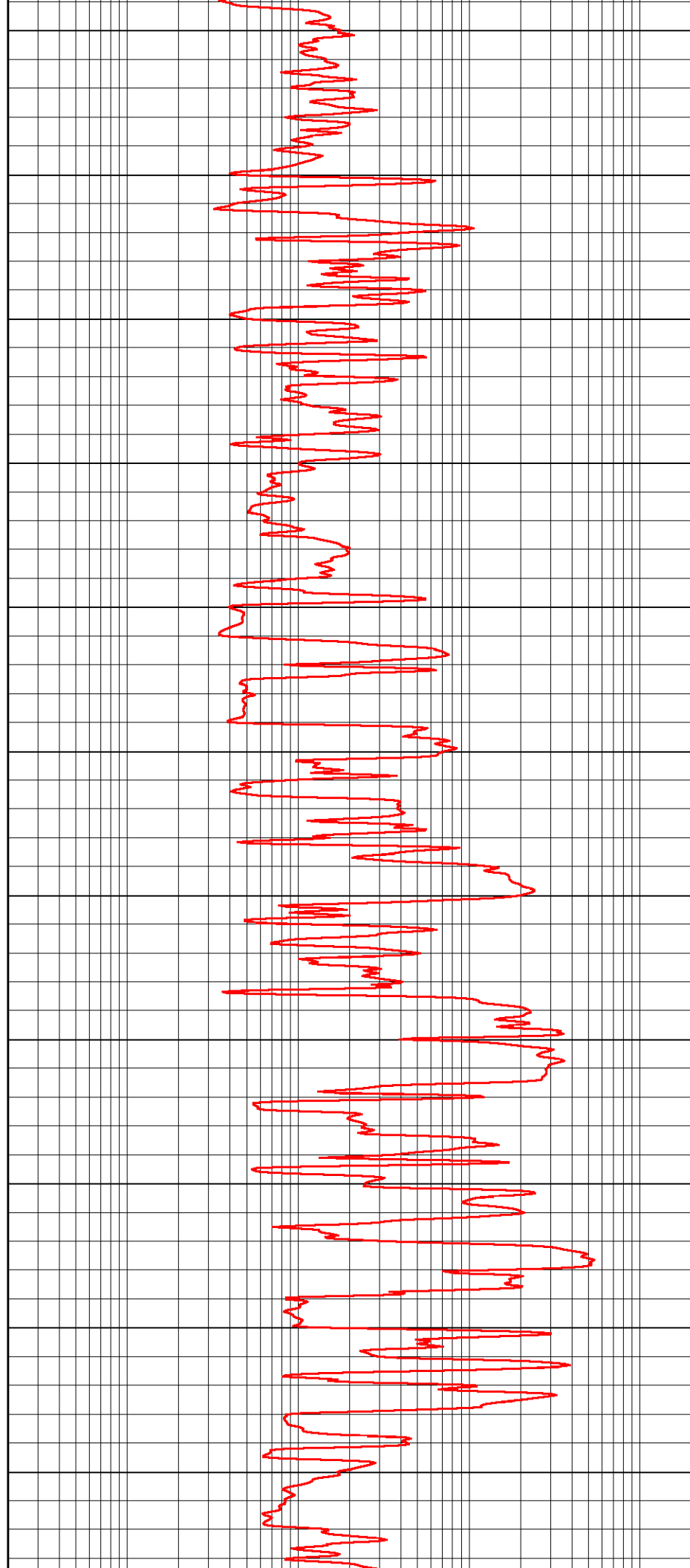
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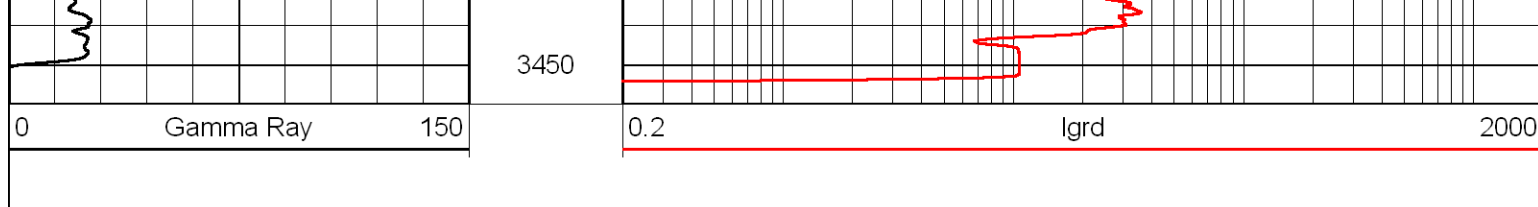
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3300

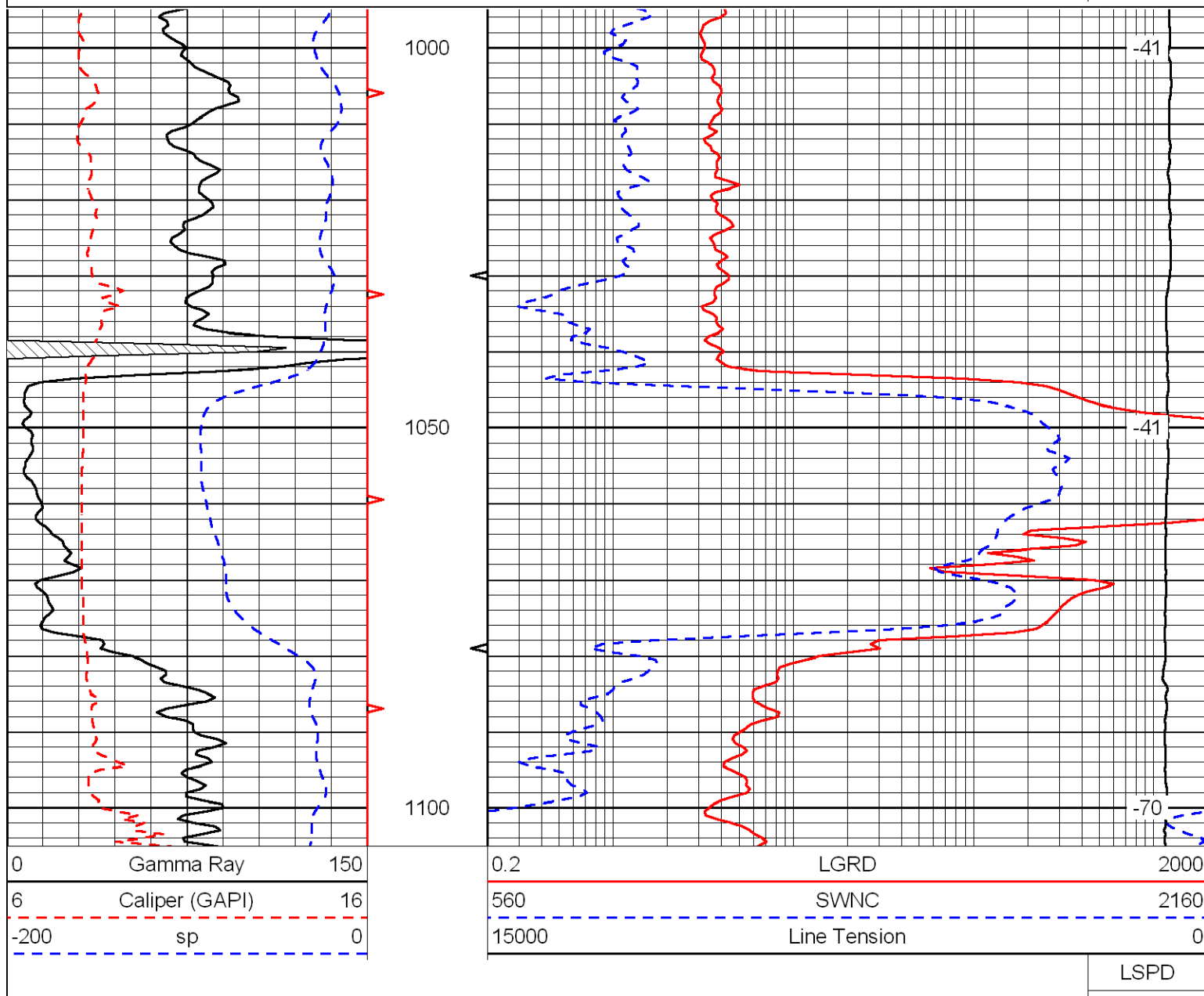
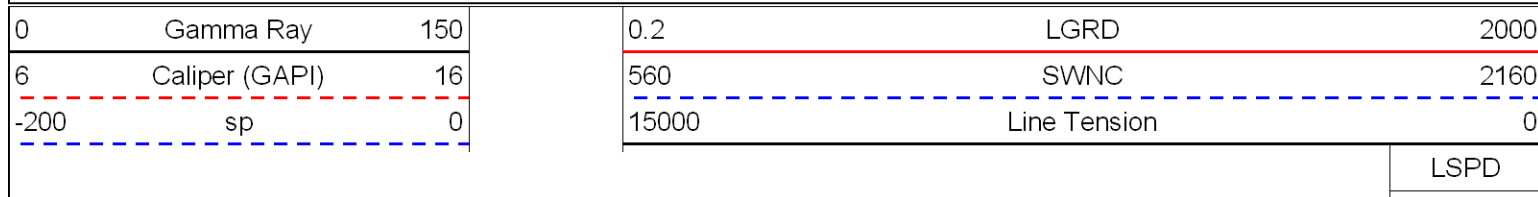
3350

3400





Database File: benhd.db
Dataset Pathname: RAG/benrag
Presentation Format: rag
Dataset Creation: Fri Sep 14 19:24:15 2012
Charted by: Depth in Feet scaled 1:240



Database File: benhd.db
Dataset Pathname: RAG/benrag
Presentation Format: rag
Dataset Creation: Fri Sep 14 19:24:15 2012

0	Gamma Ray	150
6	Caliper (GAPI)	16
-200	sp	0

0.2	LGRD	2000
560	SWNC	2160
15000	Line Tension	0
		LSPD

