

LOG-TECH



DIGITAL LOG

(785) 625-3858

Radiation Guard
Log

API No.

15-051-26,233-00-00

Company Central Operating, Inc.

Well Fredd Haas No. 2

Field Dechant West

County Ellis State Kansas

Location

2310' FSL & 2260' FWL

Other Services

MEL

Sec: 1 Twp: 15 S Rge: 19 W

Elevation

Permanent Datum Ground Level Elevation 2101
Log Measured From Kelly Bushing 5 Ft. Above Perm. Datum
Drilling Measured From Kelly BushingK.B. 2106
D.F.
G.L. 2101

Date 3/31/2012

Run Number One

Depth Driller 3691

Depth Logger 3689

Bottom Logged Interval 3688

Top Log Interval 200

Casing Driller 8.625 @ 218

Casing Logger 218

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 12,000

Density / Viscosity 9.1 53

pH / Fluid Loss 10.0 9.6

Source of Sample Flowline

Rm @ Meas. Temp .15 @ 78

Rmf @ Meas. Temp .11 @ 78

Rmc @ Meas. Temp .20 @ 78

Source of Rmf / Rmc Charts

Rm @ BHT .10 @ 115

Operating Rig Time 4 Hours

Max Rec. Temp. F 115

Equipment Number 91

Location Hays

Recorded By D Kerr

Witnessed By Ed Glassman

<<< Fold Here >>>

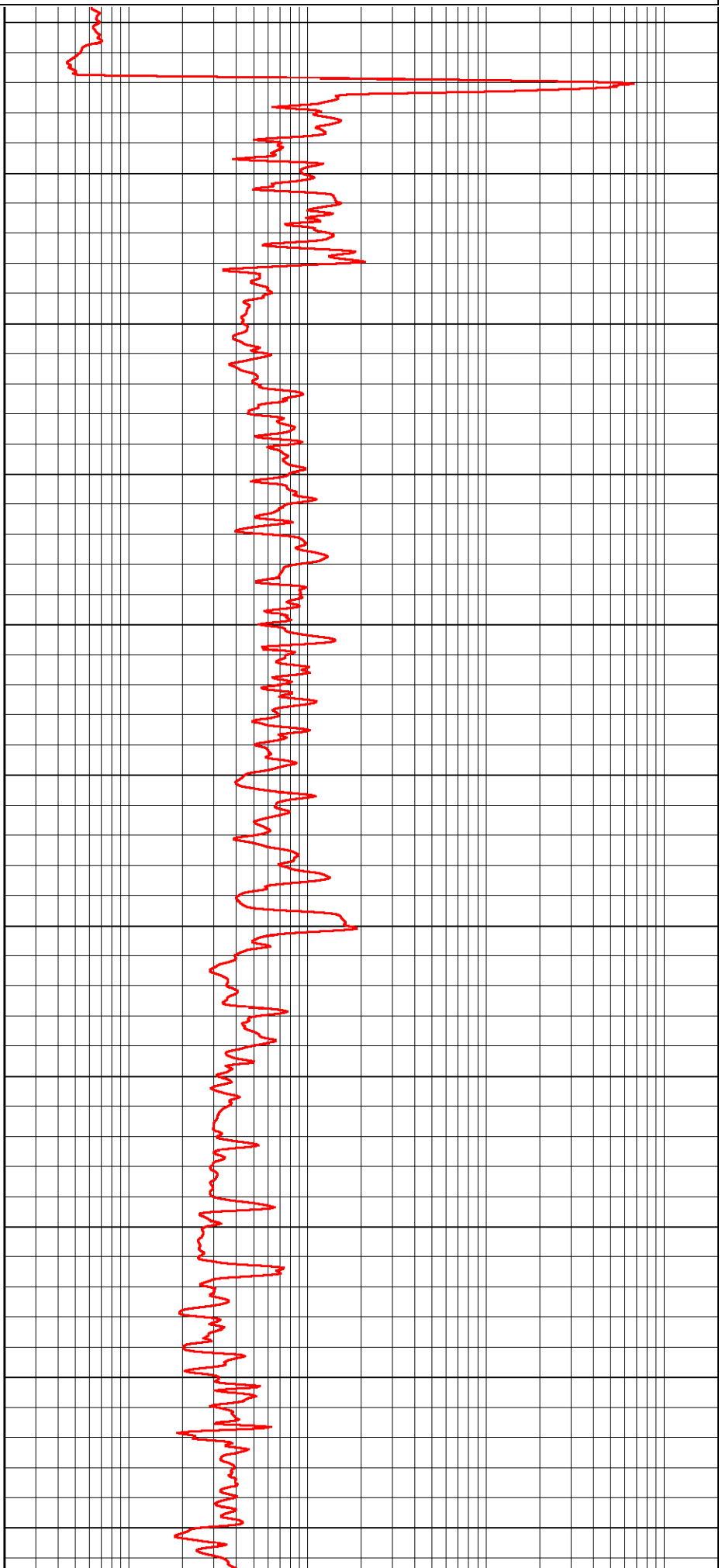
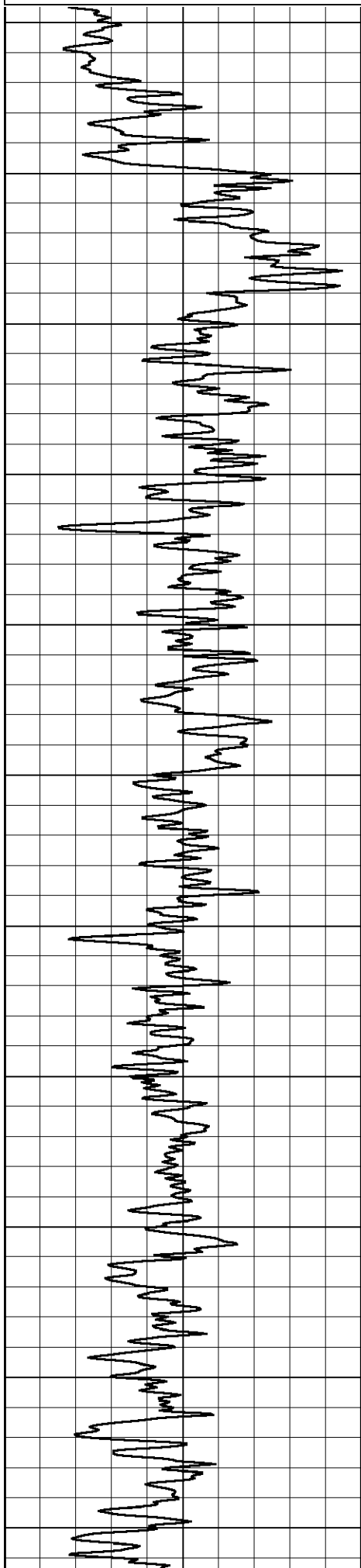
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

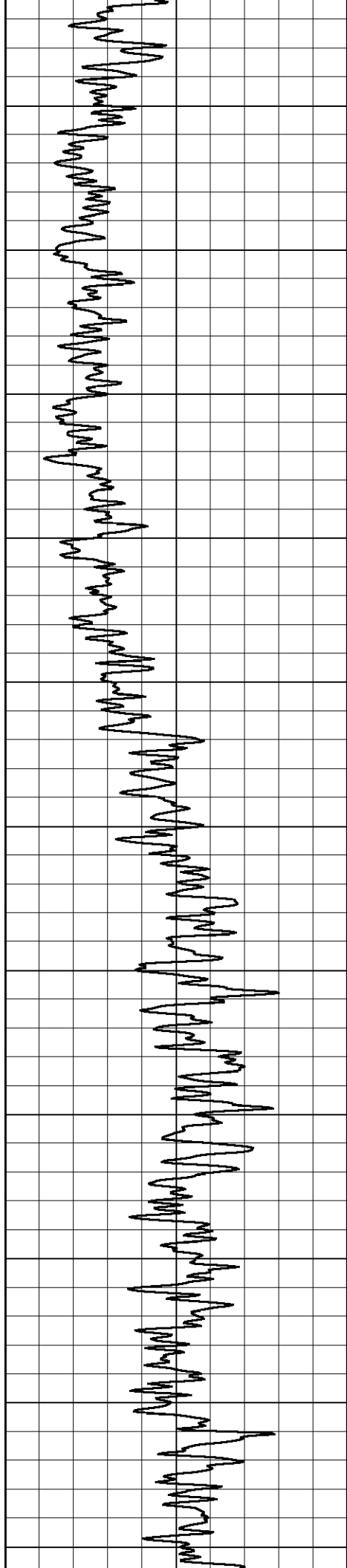
Comments

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

Hays KS, South On 240th Ave
to Antonino Black Top,
2 1/2 West, South Into

Database File: centraloperating_033112hd.db
Dataset Pathname: RAG/cprag
Presentation Format: rag2in
Dataset Creation: Sat Mar 31 19:14:56 2012
Charted by: Depth in Feet scaled 1:600





750

800

850

900

950

1000

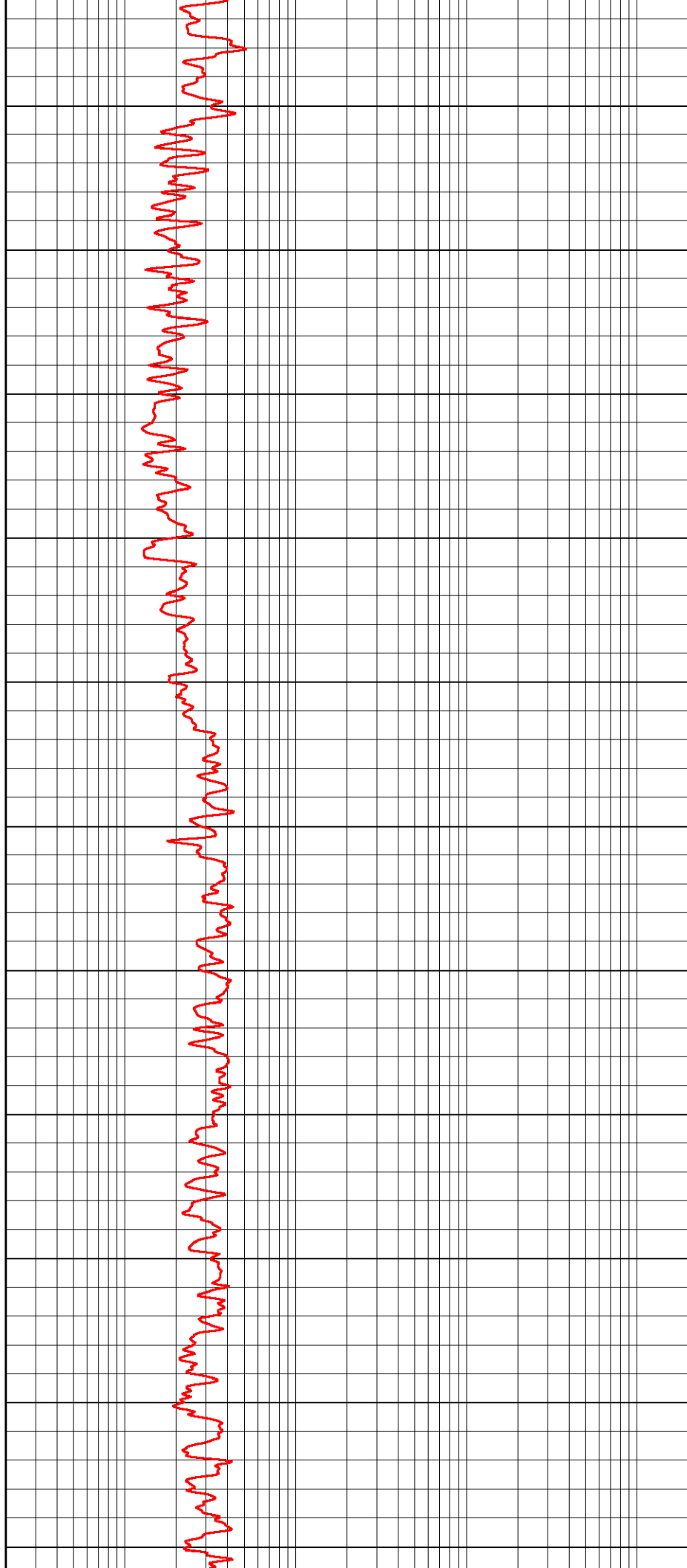
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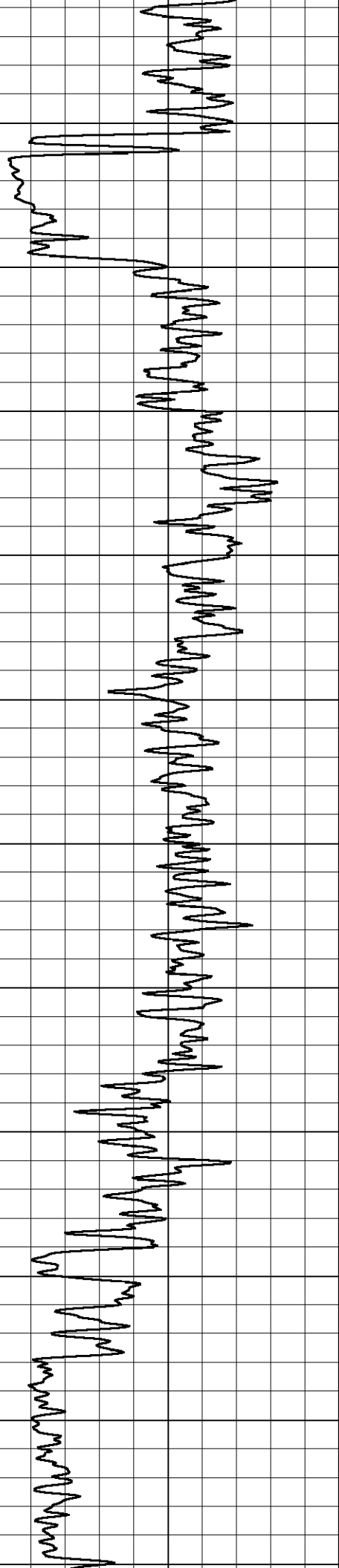
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1150

1200

1250





1300

1350

1400

1450

1500

1550

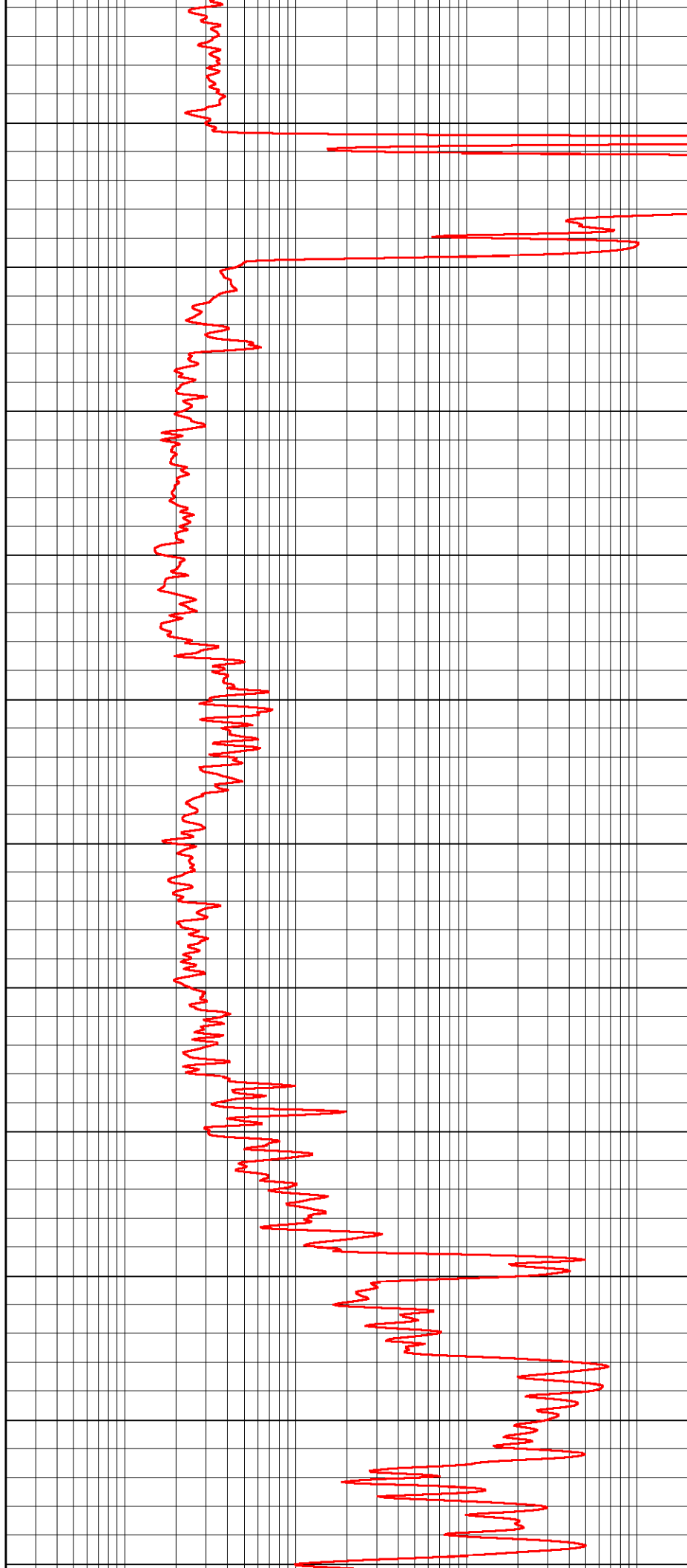
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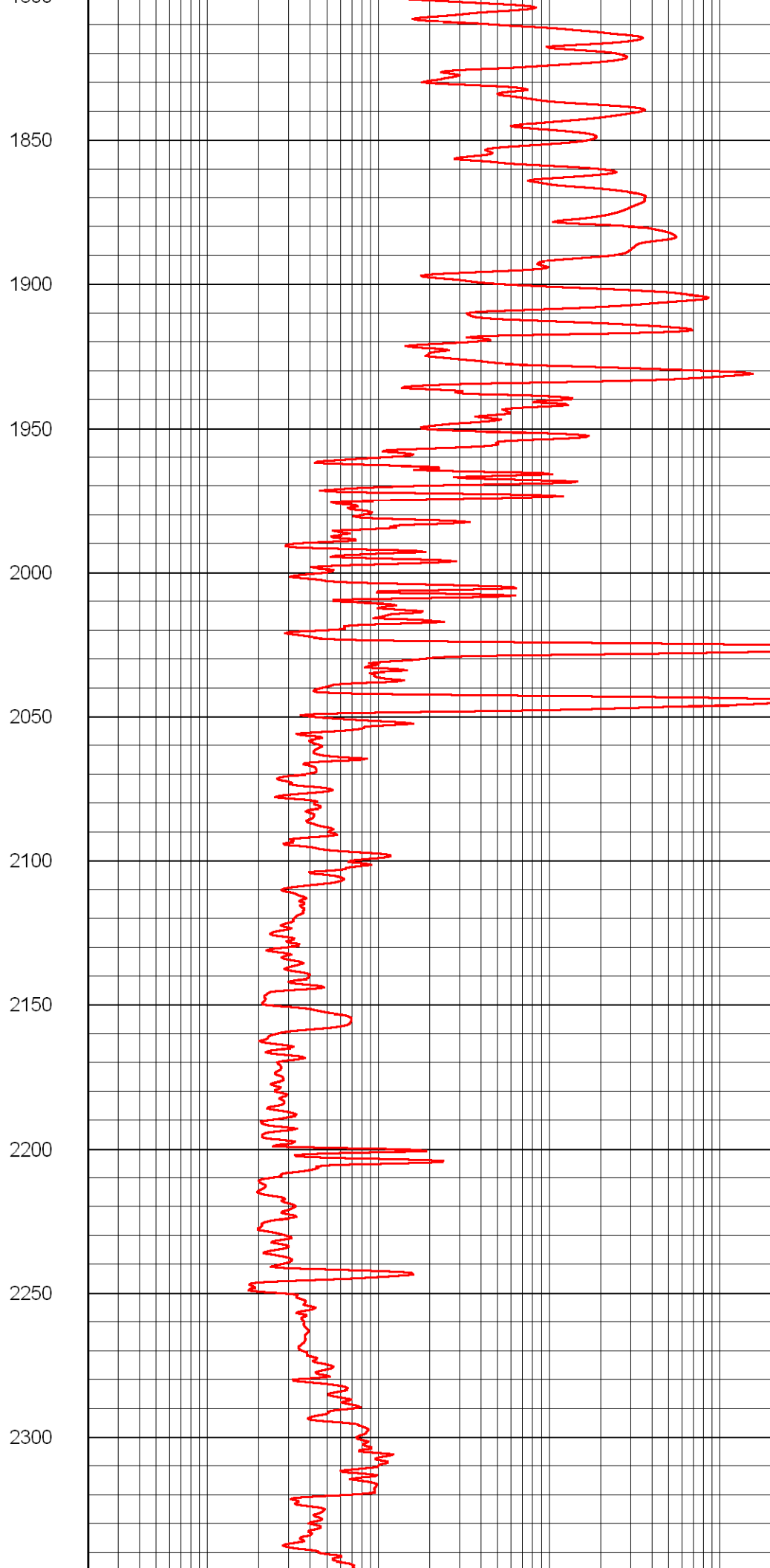
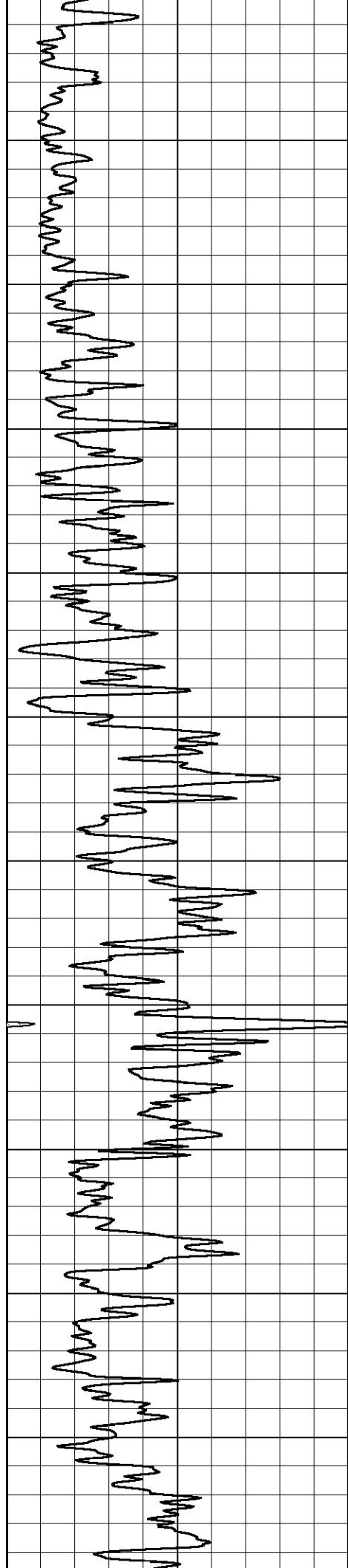
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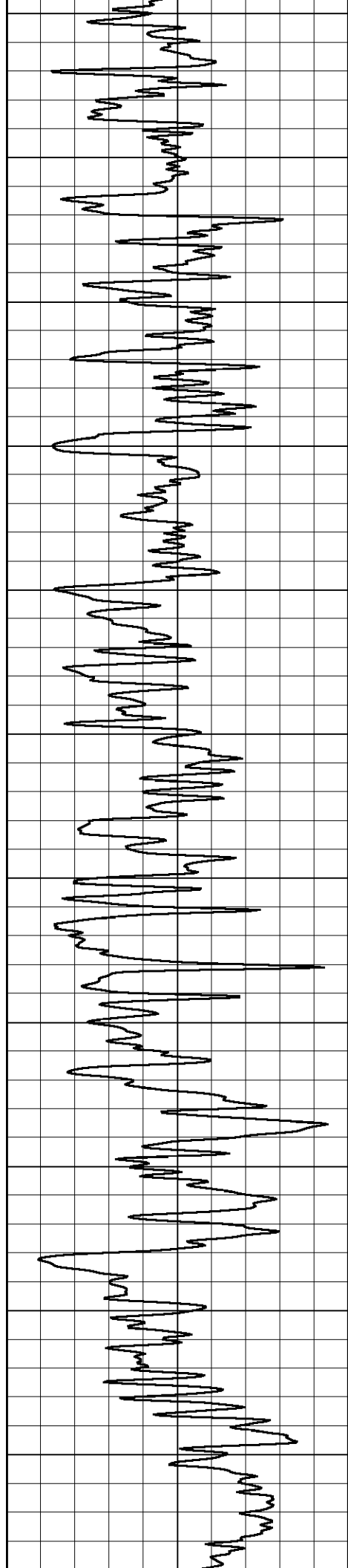
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1750

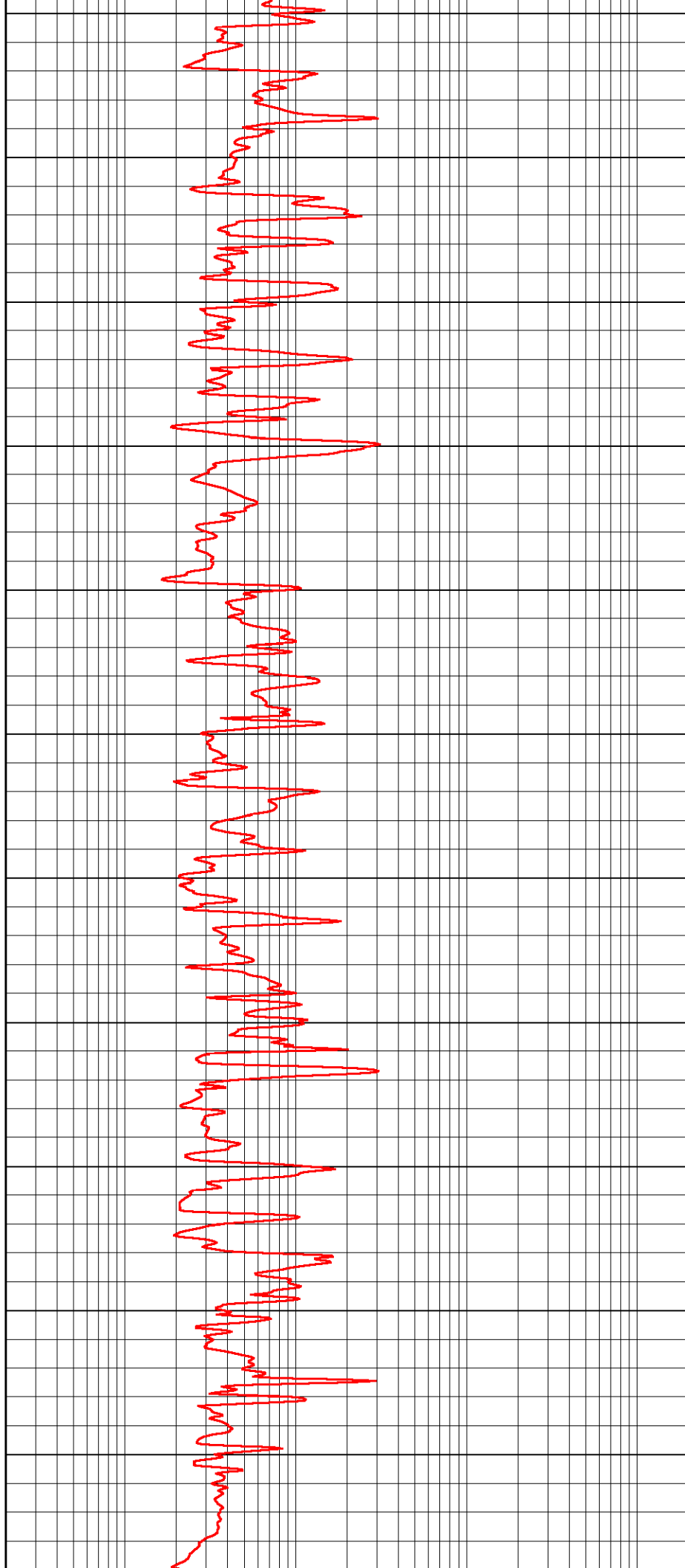
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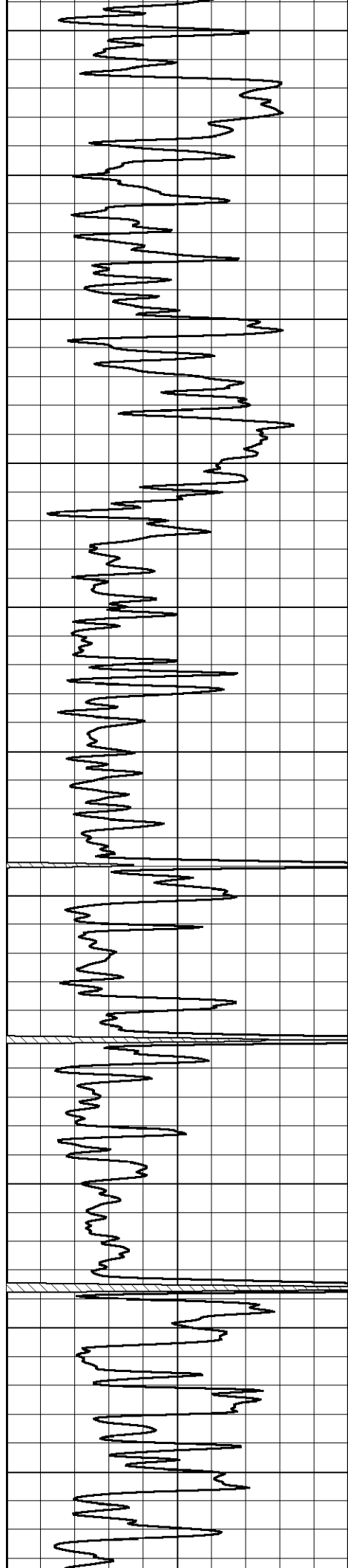






2350
2400
2450
2500
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2600
2650
2700
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2800
2850





2900

2950

3000

3050

3100

3150

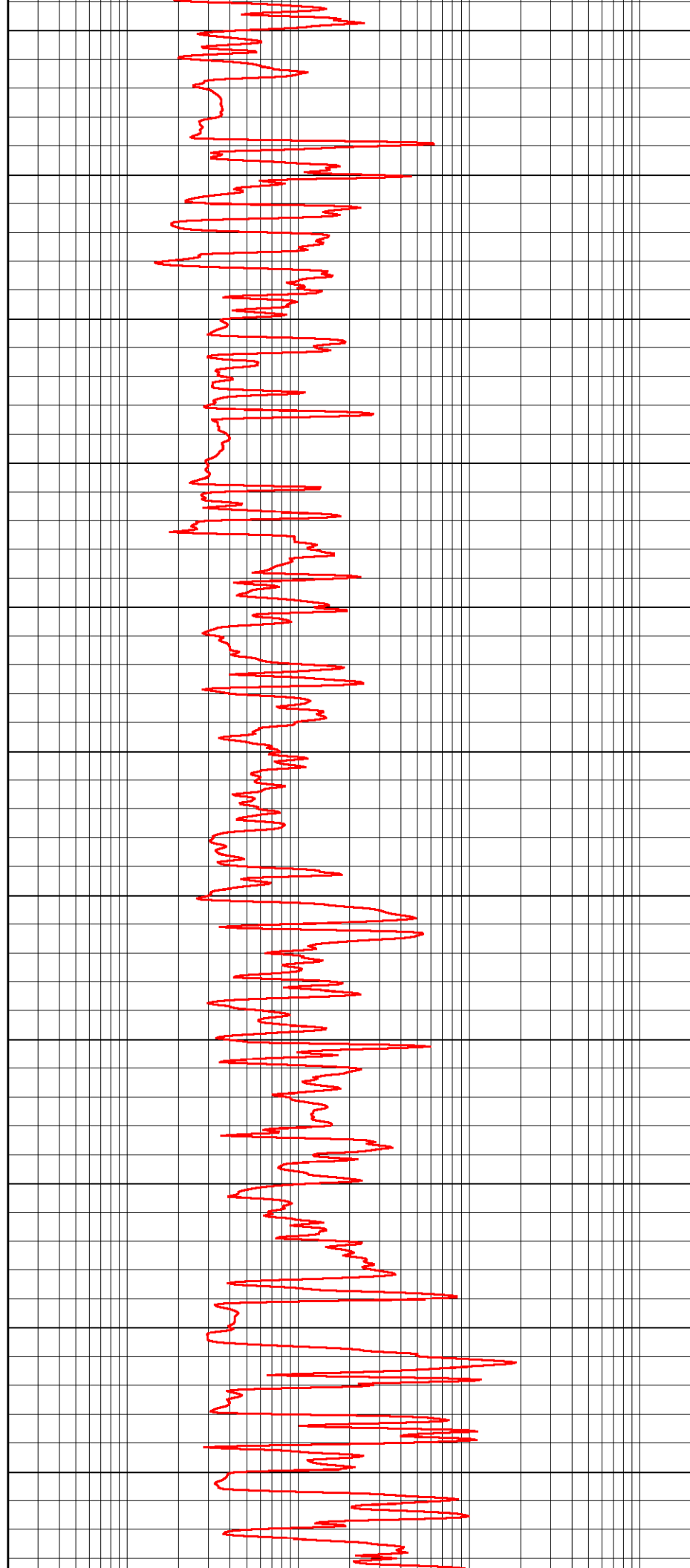
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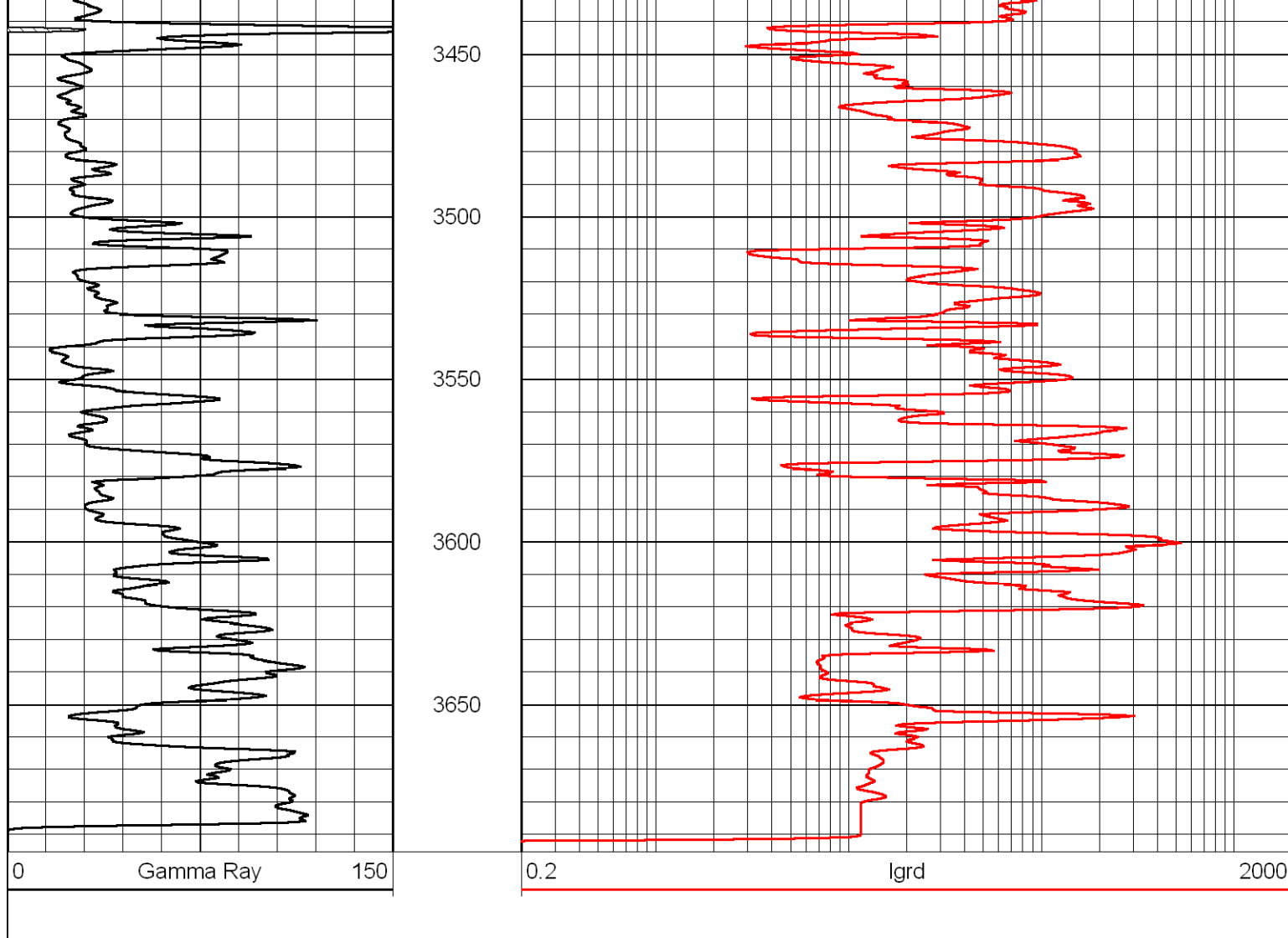
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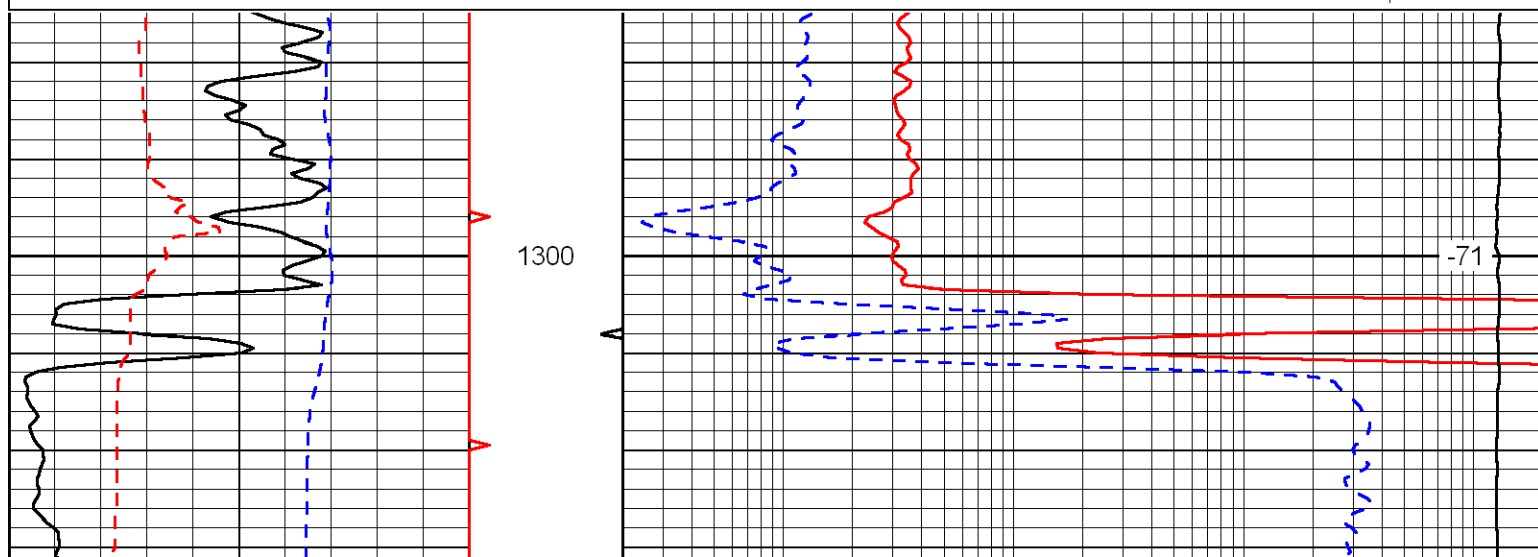
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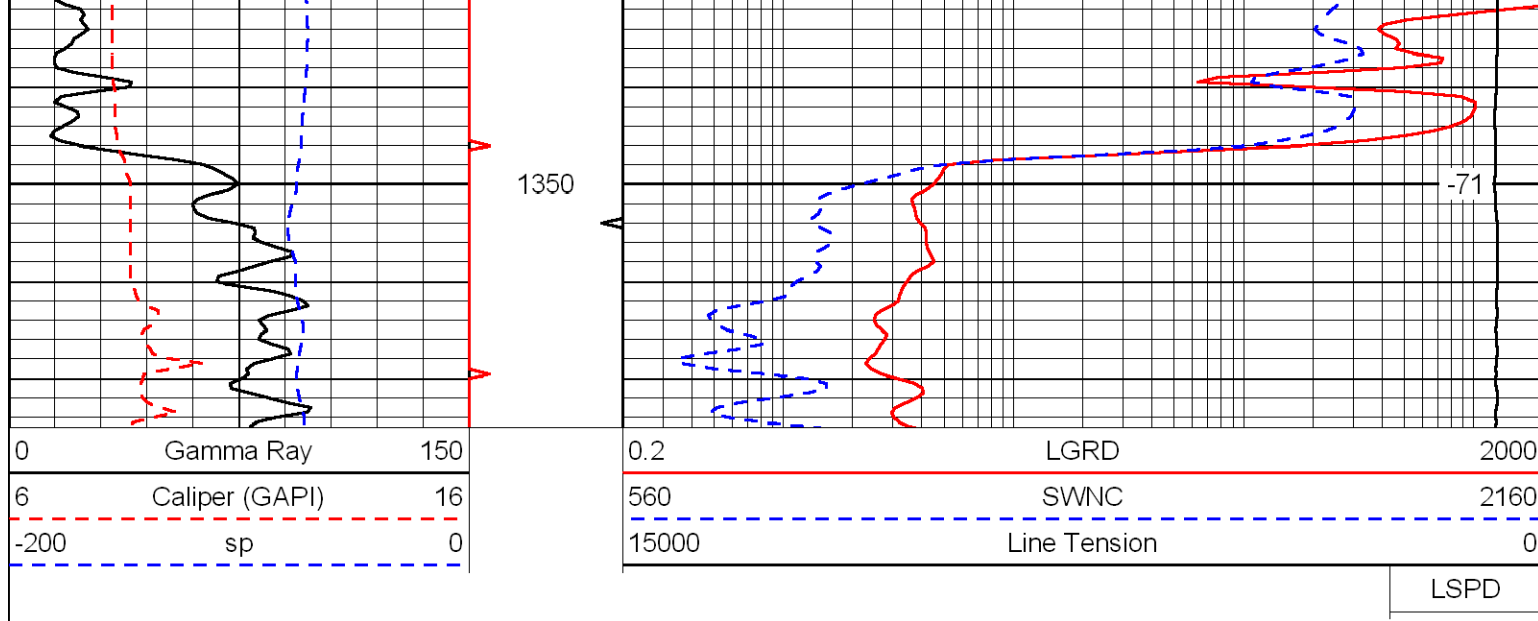




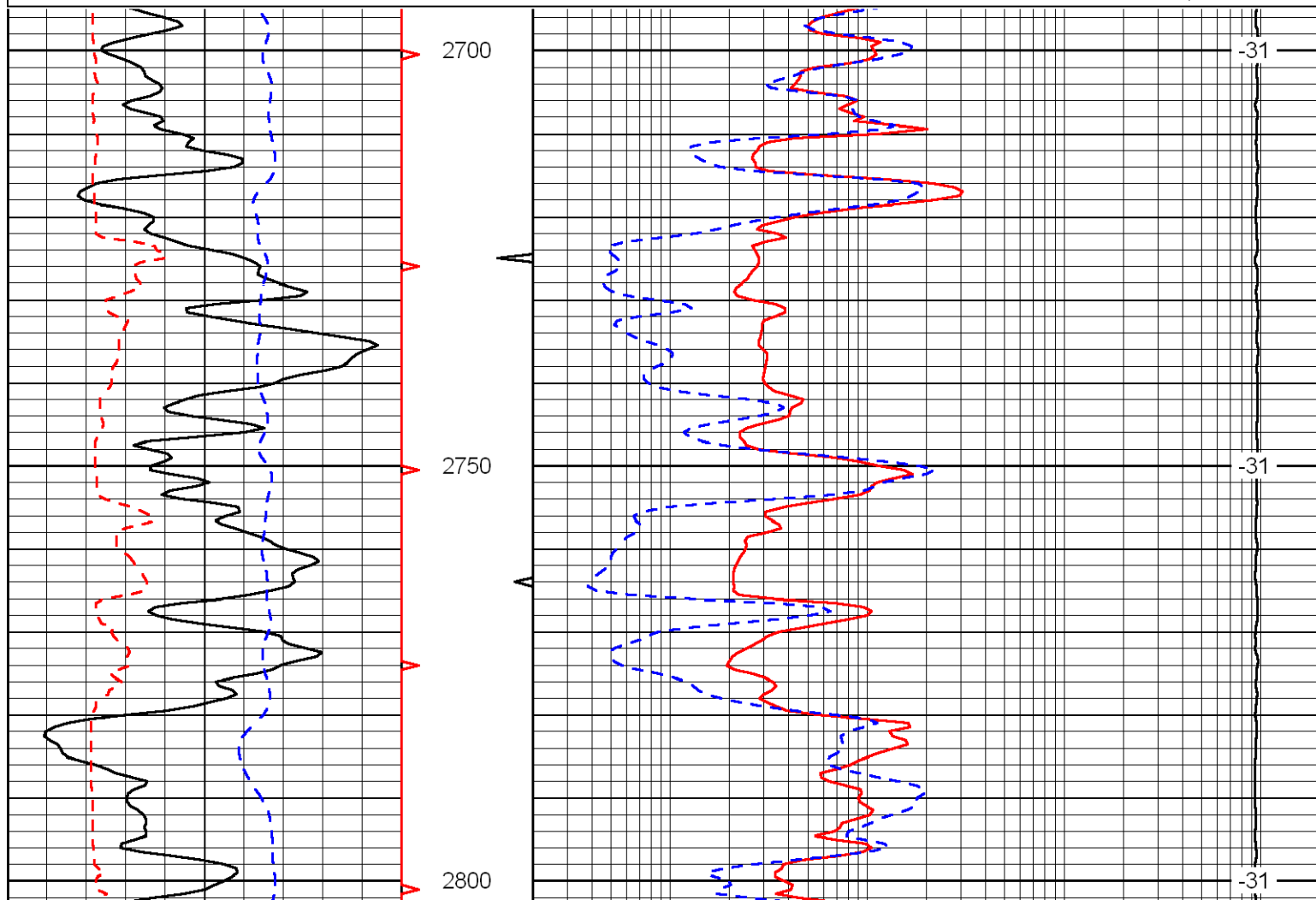
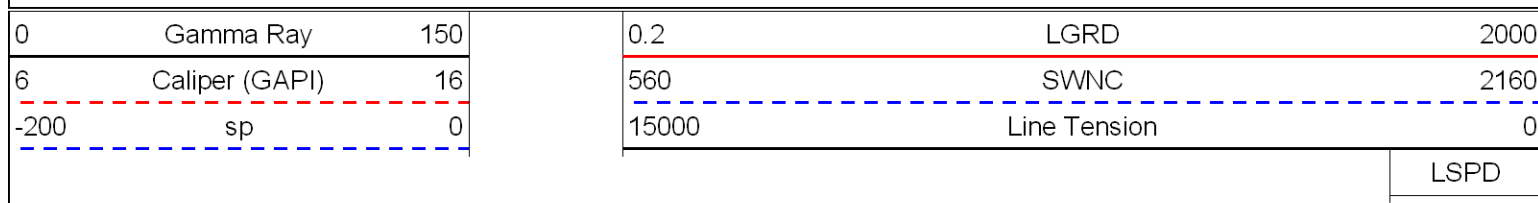
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 Presentation Format: rag
 Dataset Creation: Sat Mar 31 19:14:56 2012
 Charted by: Depth in Feet scaled 1:240

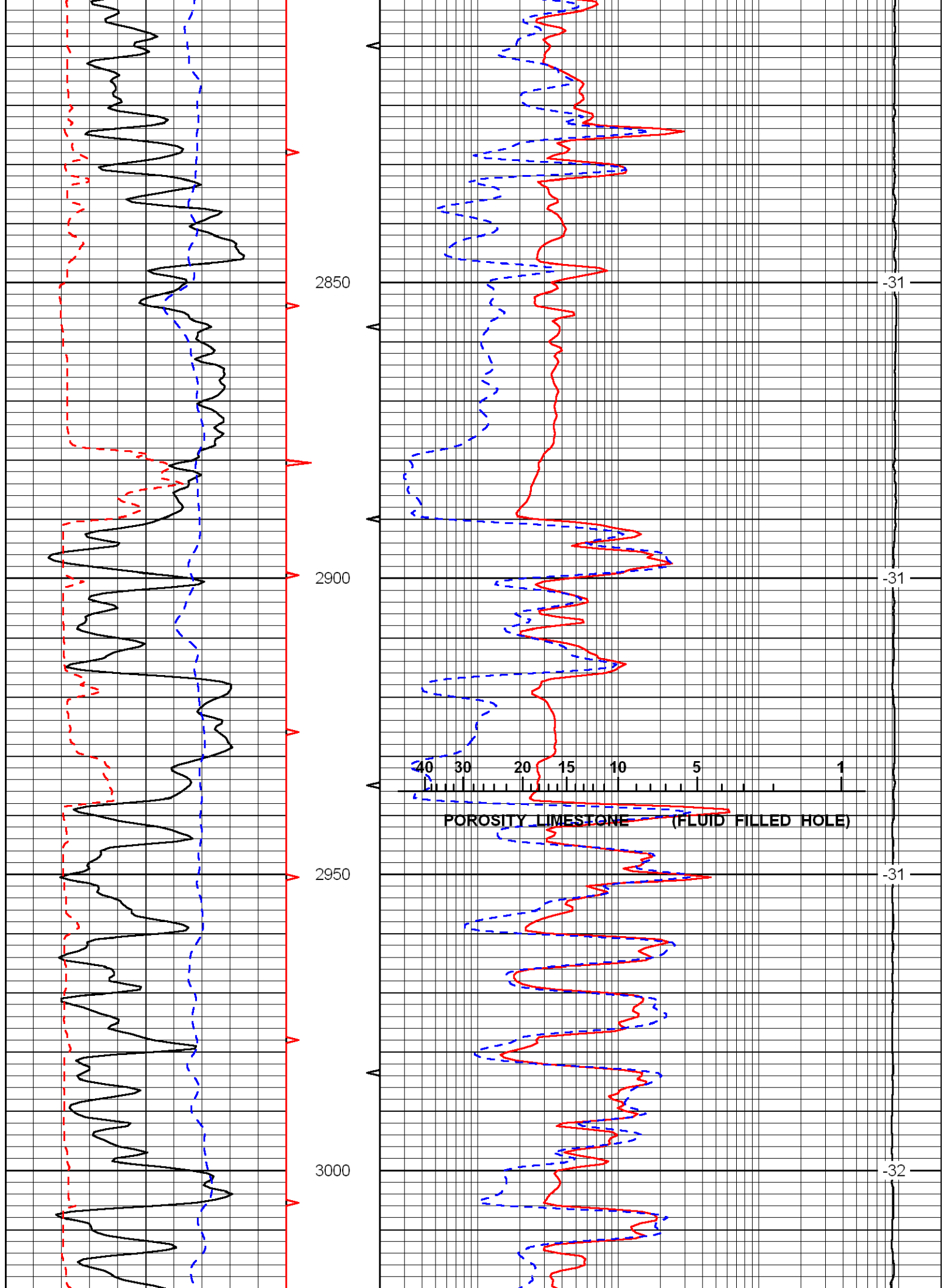
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6	Caliper (GAPI)	16	560	SWNC	2160
-200	sp	0	15000	Line Tension	0
					LSPD

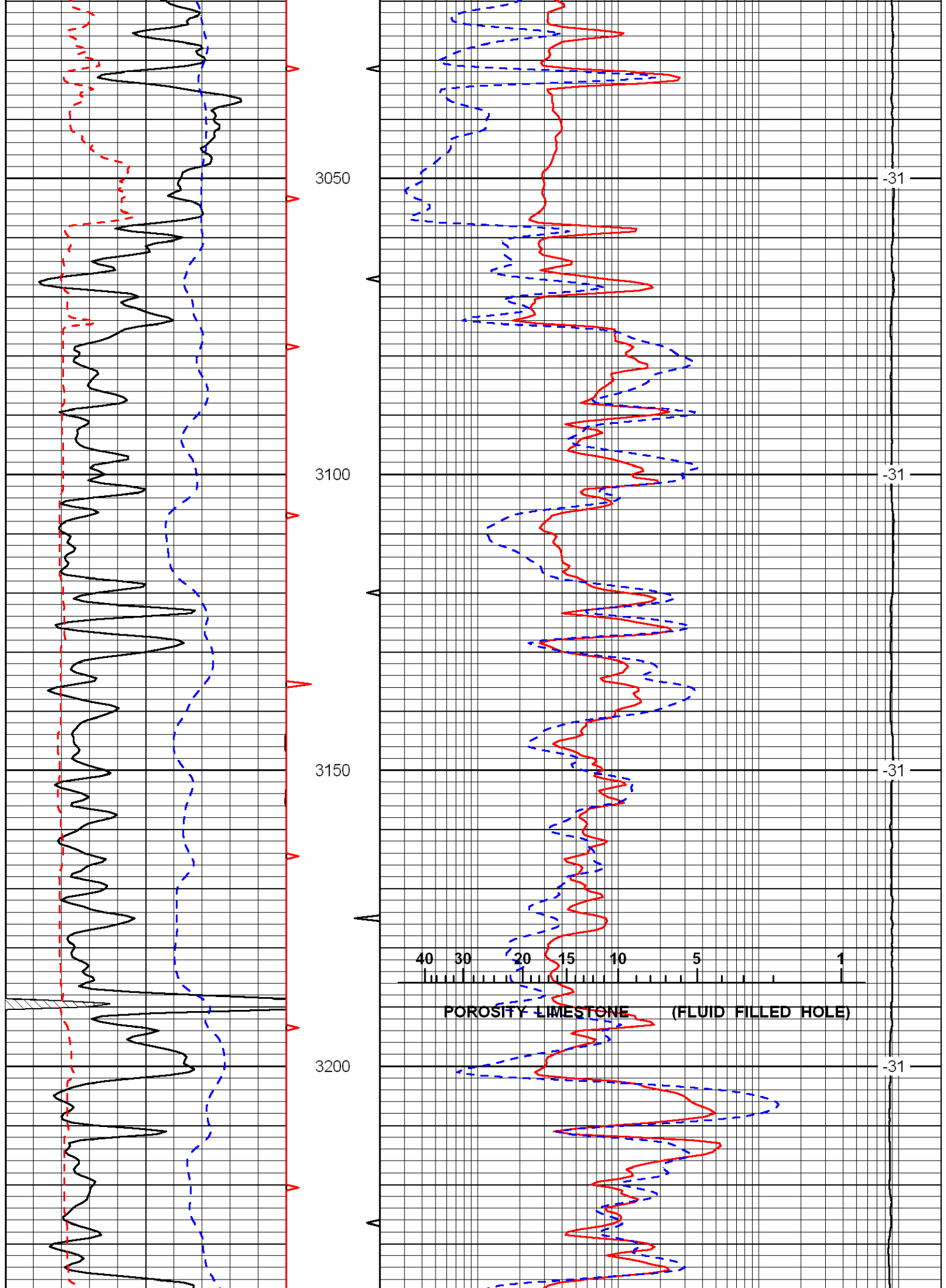


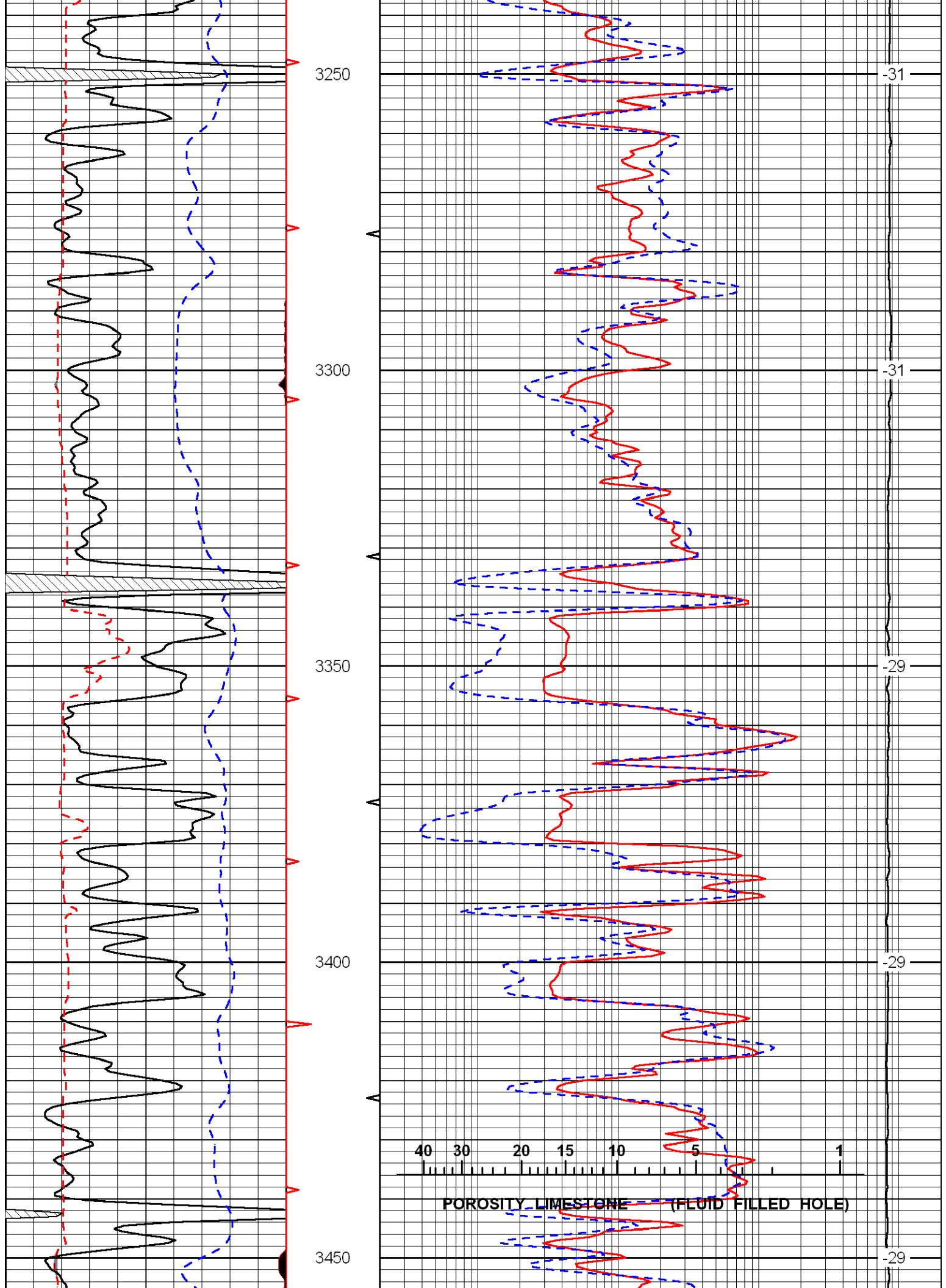


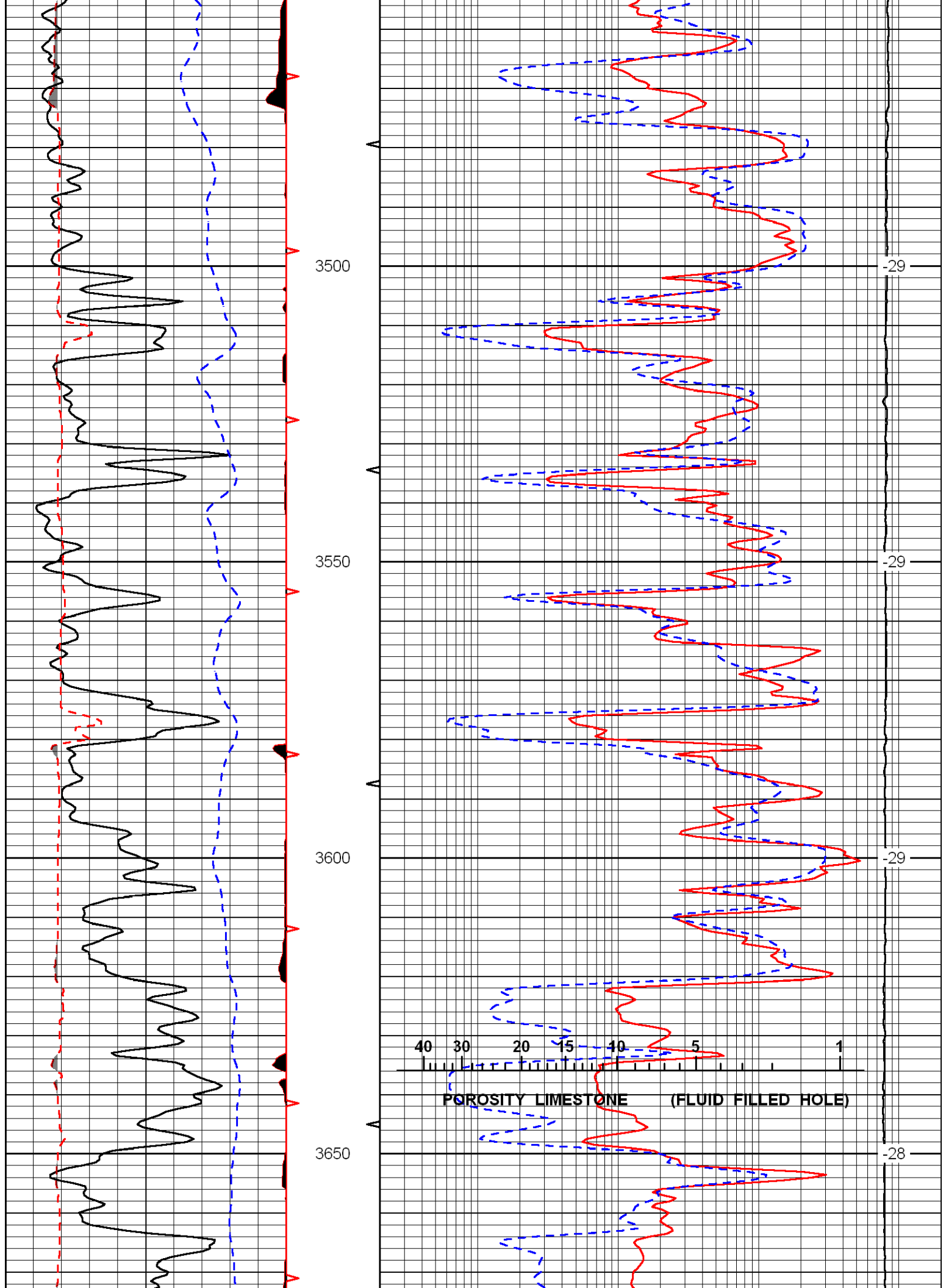
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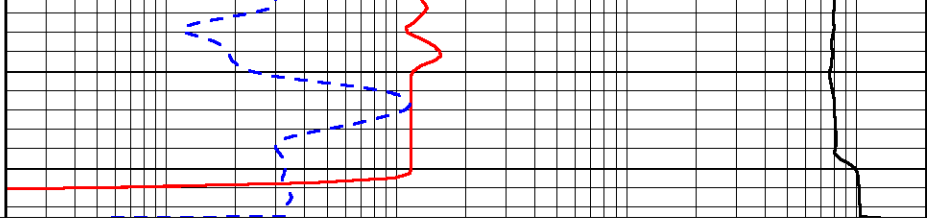








0	Gamma Ray	150
6	Caliper (GAPI)	16
-200	sp	0



0.2	LGRD	2000
560	SWNC	2160
15000	Line Tension	0

LSPD