



Radiation Guard Log

Pioneer Energy Services

API No.

15-153-21134-00-00

Company **BEREXCO LLC**

Well **LILLIE #4-26**

Field **EAST FORK**

County **RAWLINS** State **KANSAS**

Location **SW NW NW**

1030' FNL & 360' FWL

Other Services
MEL

Sec: **26** Twp: **1S** Rge: **36W**

Permanent Datum **GROUND LEVEL** Elevation **3225**

Log Measured From **KELLY BUSHING** 11 Ft. Above Perm. Datum

Drilling Measured From **KELLY BUSHING** K.B. 3236
D.F. N/A
G.L. 3225

Date **6/15/2015**

Run Number **ONE**

Depth Driller **4525**

Depth Logger **4524**

Bottom Logged Interval **4523**

Top Log Interval **250**

Casing Driller **8.625 @ 294**

Casing Logger **293**

Bit Size **7.875**

Type Fluid in Hole **CHEMICAL**

Salinity, ppm CL **1200**

Density / Viscosity **9.4 63**

pH / Fluid Loss **10.0 6.8**

Source of Sample **Flowline**

Rm @ Meas. Temp **1.31 @ 83**

Rmf @ Meas. Temp **0.98 @ 83**

Rmc @ Meas. Temp **1.77 @ 83**

Source of Rmf / Rmc **Charts**

Rm @ BHT **0.90 @ 121**

Operating Rig Time **4 HOURS**

Max Rec. Temp. F **121**

Equipment Number **15**

Location **Hays**

Recorded By **D.KERR**

Witnessed By **BRYAN BYNOG**

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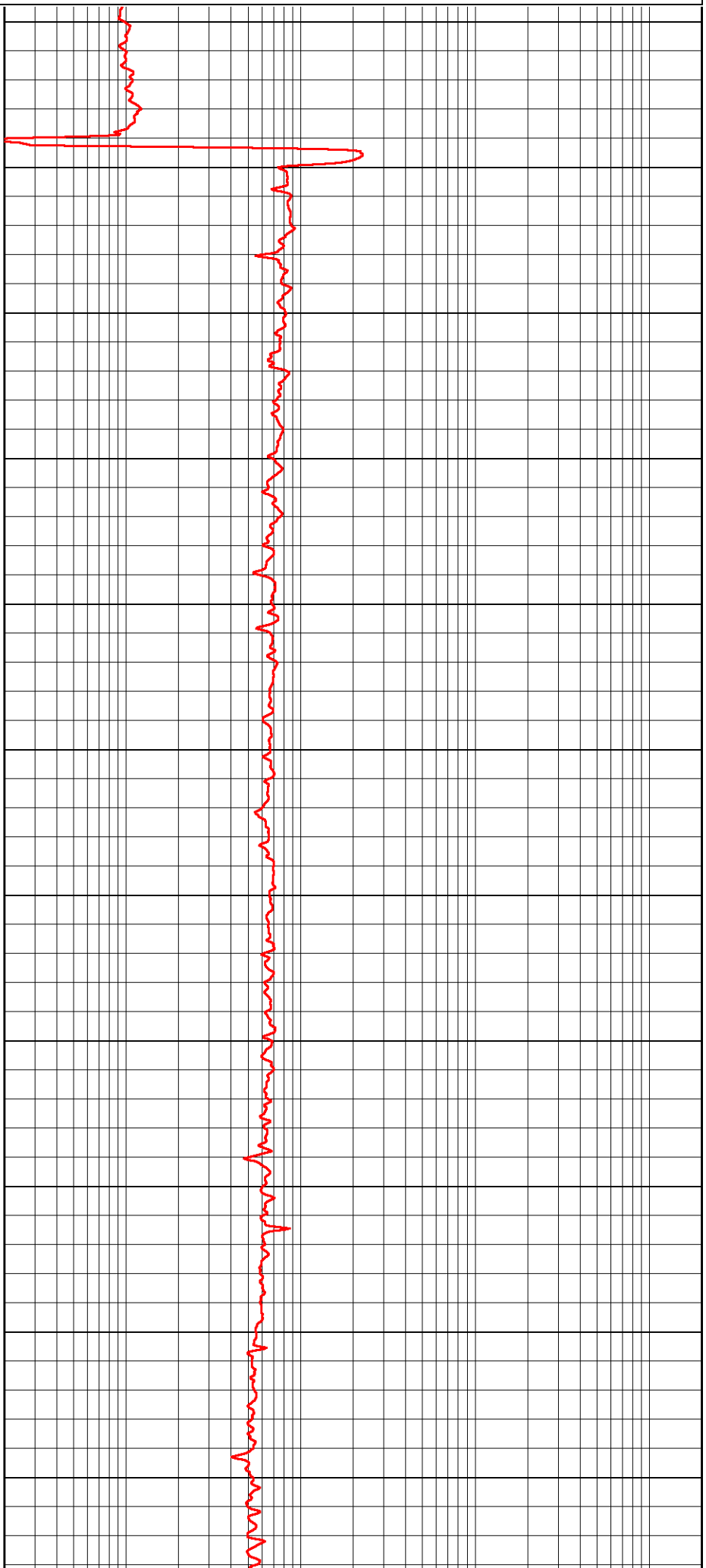
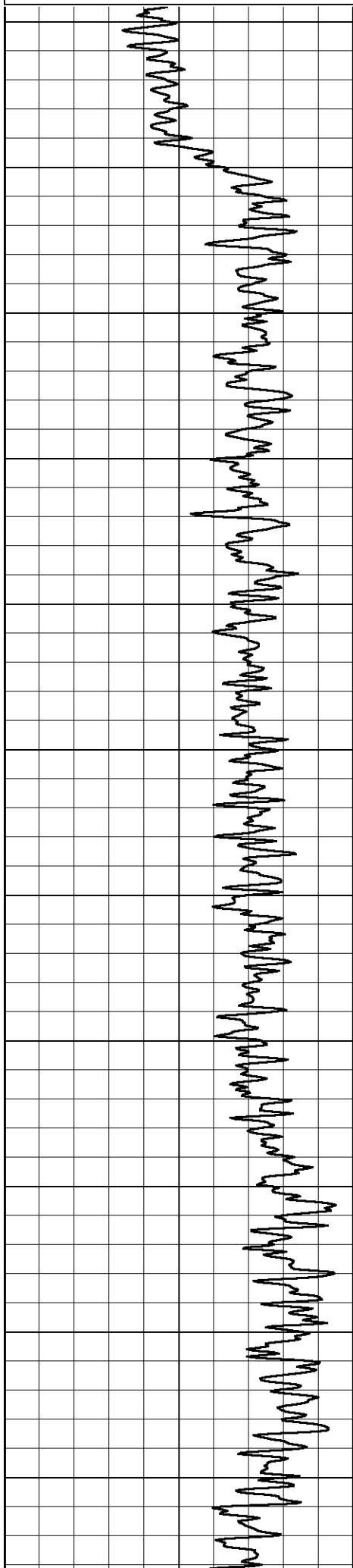
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

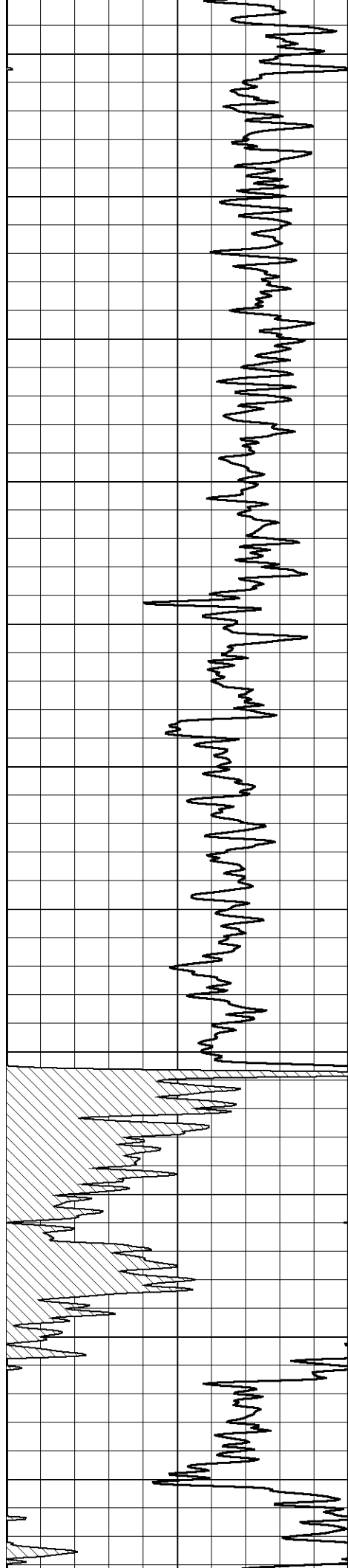
Comments

Thank you for using Pioneer Energy Services
785.625.3858

MCDONALD KS, NORTH TO AA RD,
SOUTH INTO

Database File **bxhd.db**
Dataset Pathname **rag/berxrag**
Presentation Format **rag2in**
Dataset Creation **Mon Jun 15 15:19:49 2015**
Charted by **Depth in Feet scaled 1:600**





800

850

900

950

1000

1050

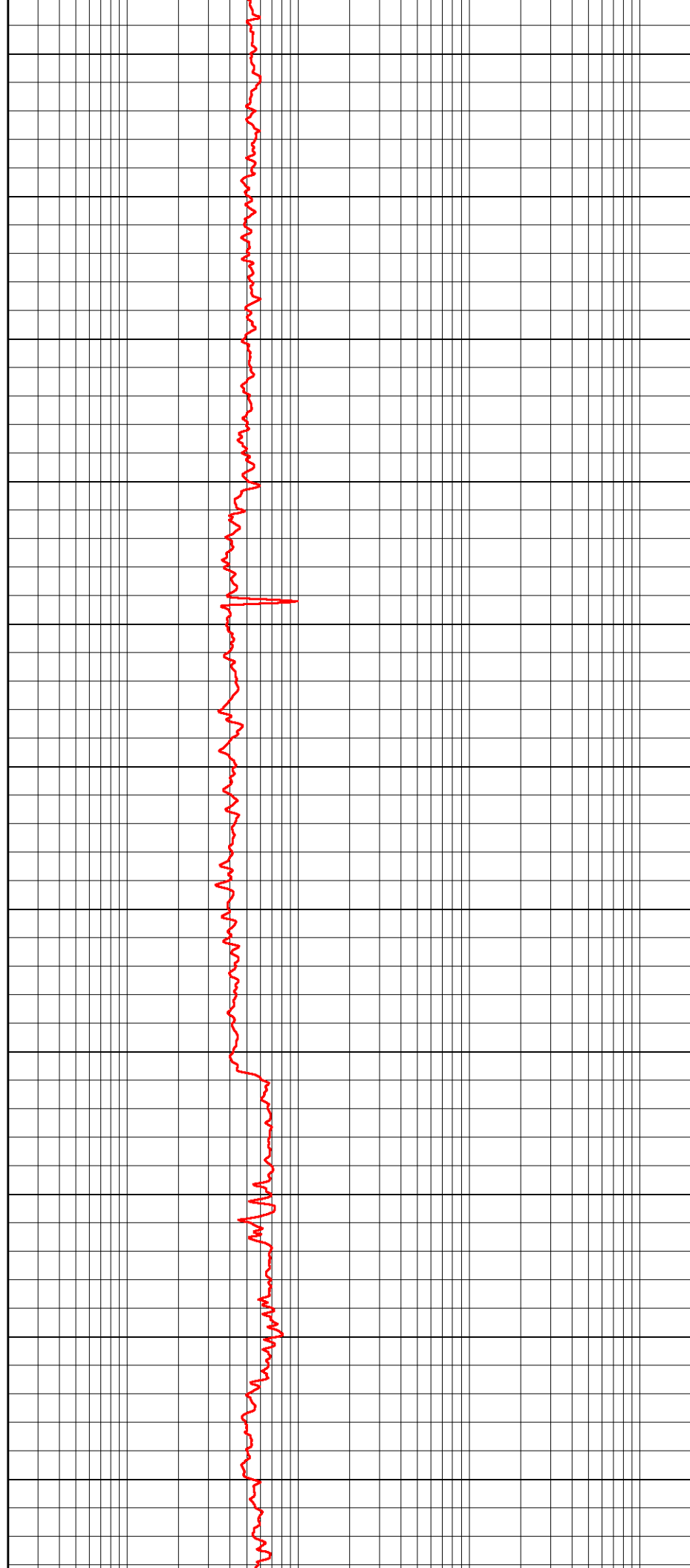
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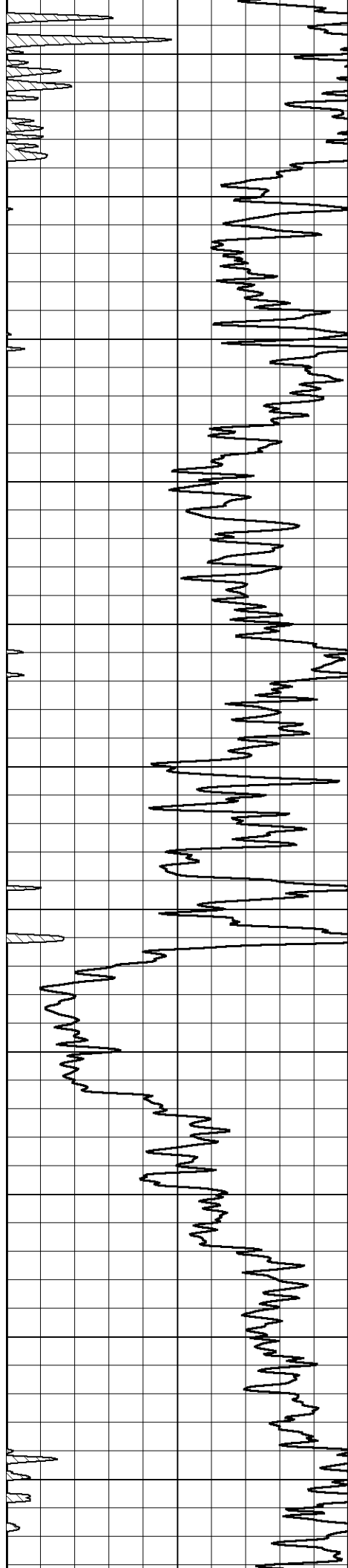
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1200

1250

1300





1350

1400

1450

1500

1550

1600

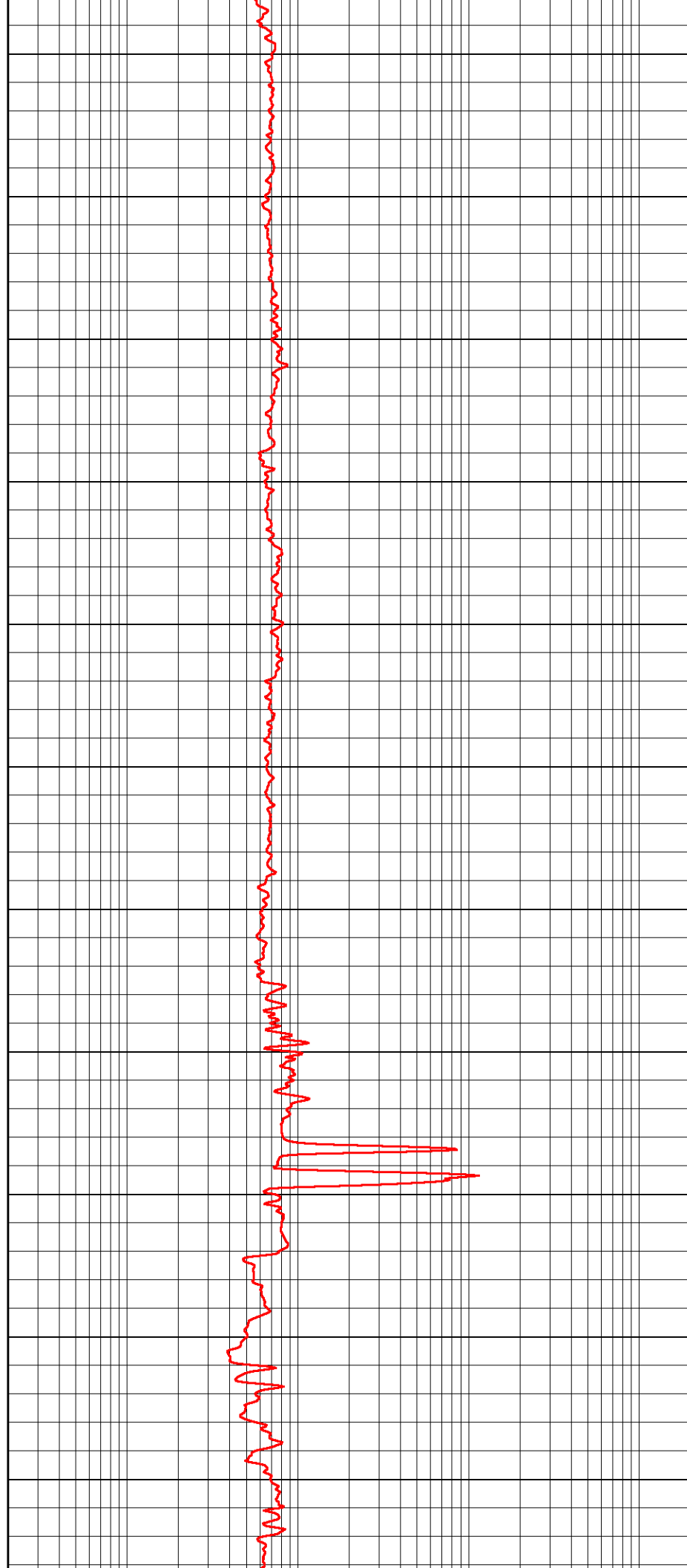
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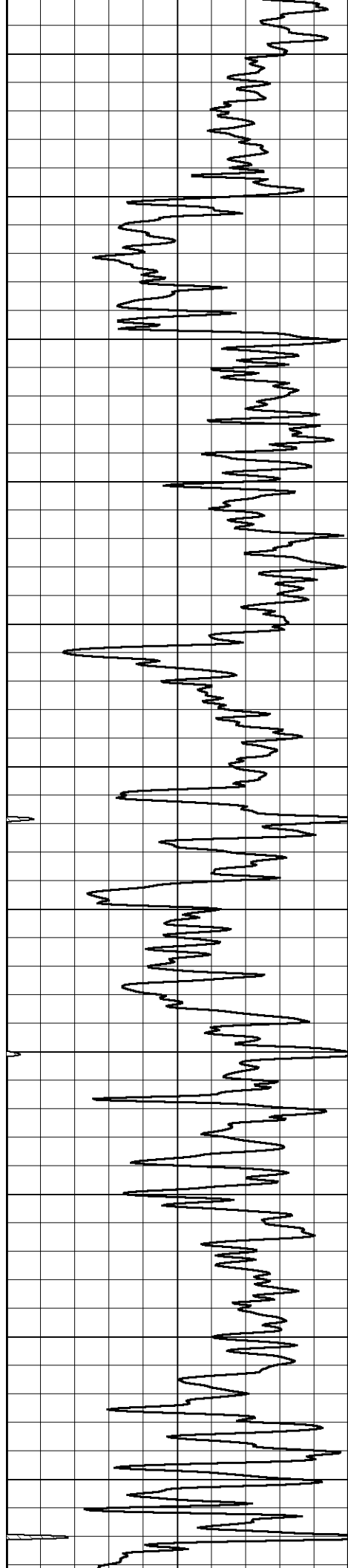
1700

1750

1800

1850





1900

1950

2000

2050

2100

2150

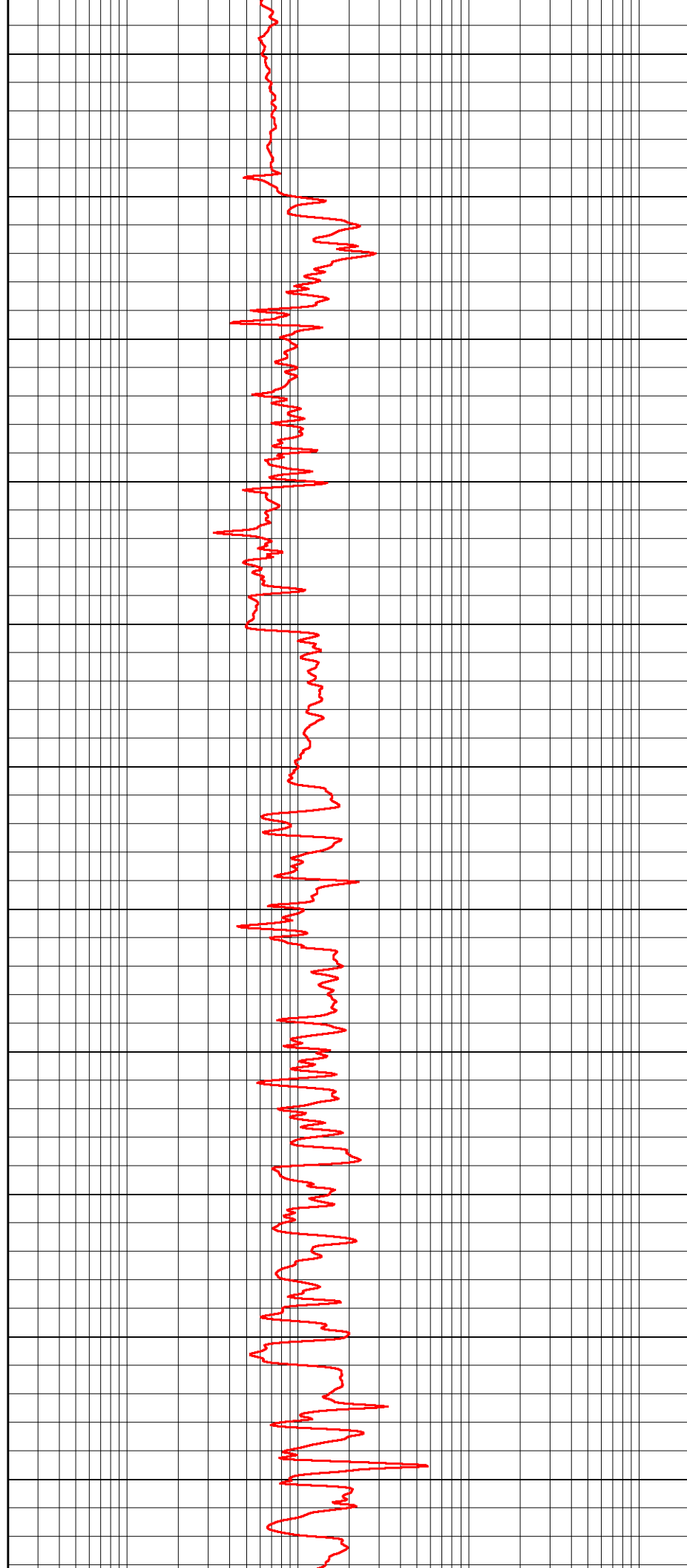
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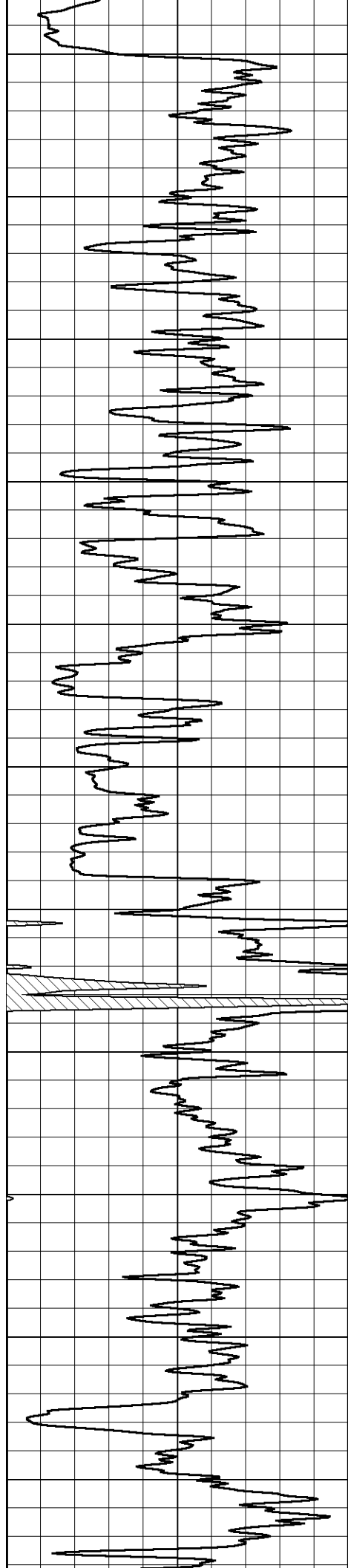
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2300

2350

2400





2450

2500

2550

2600

2650

2700

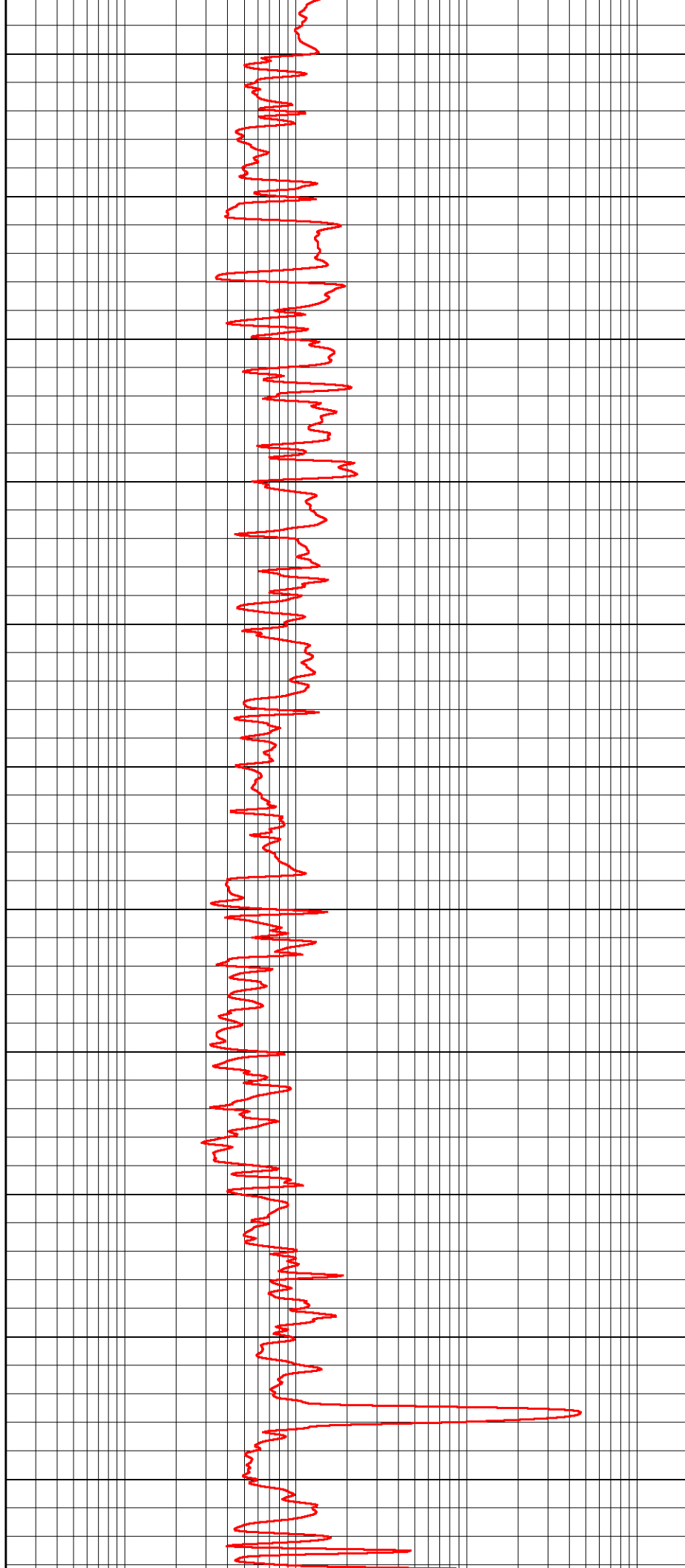
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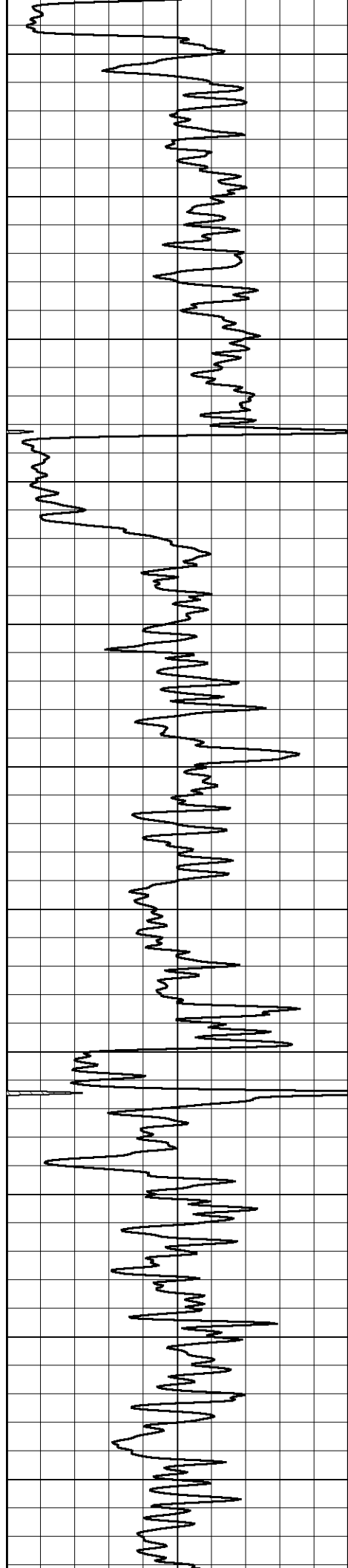
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2850

2900

2950





3000

3050

3100

3150

3200

3250

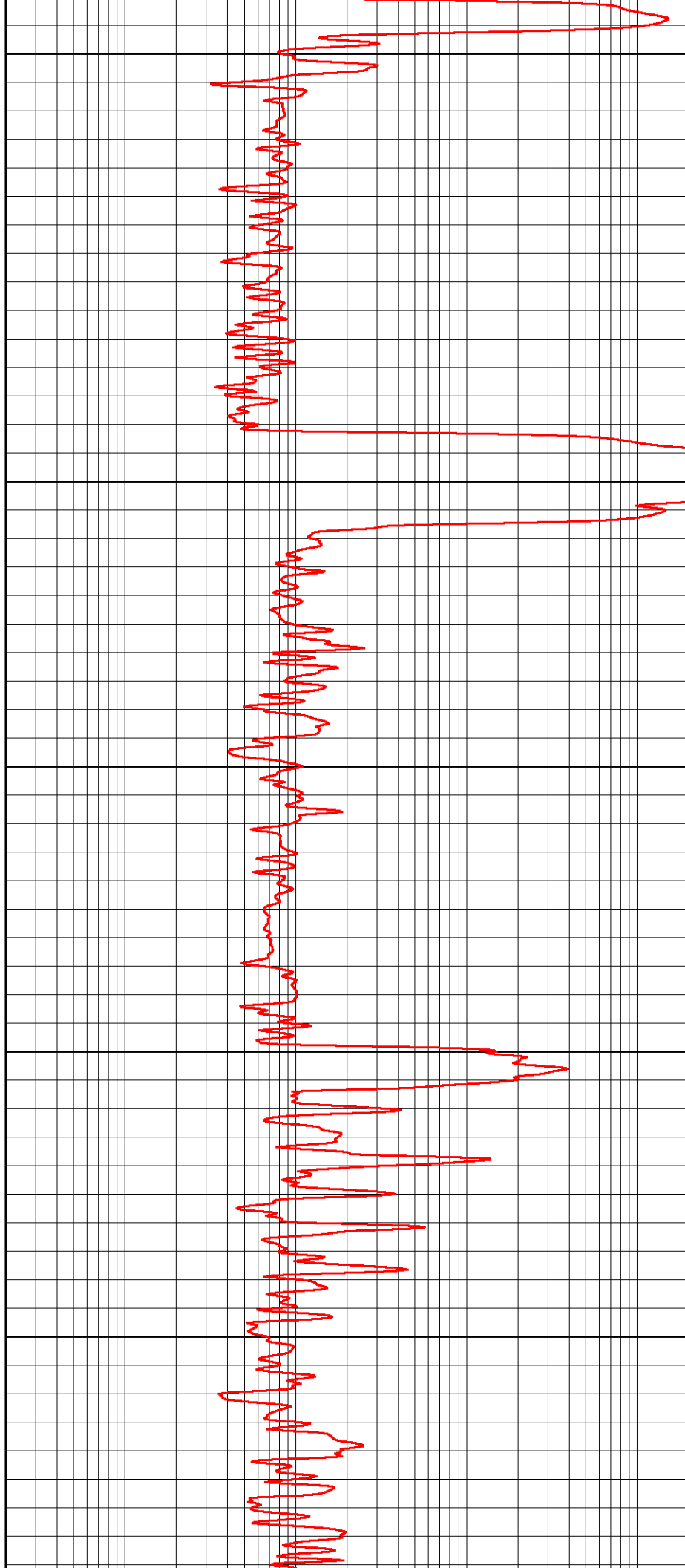
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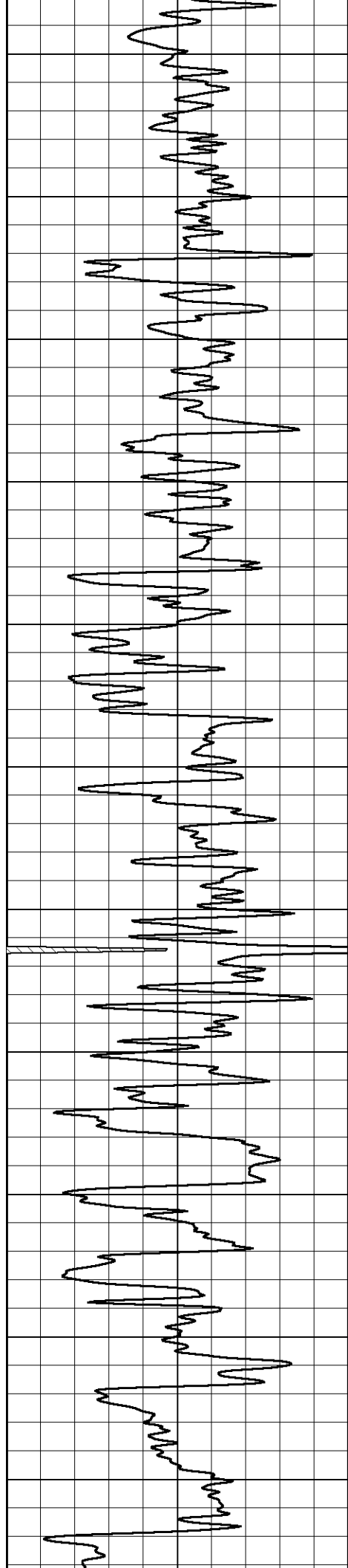
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3400

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3500





3550

3600

3650

3700

3750

3800

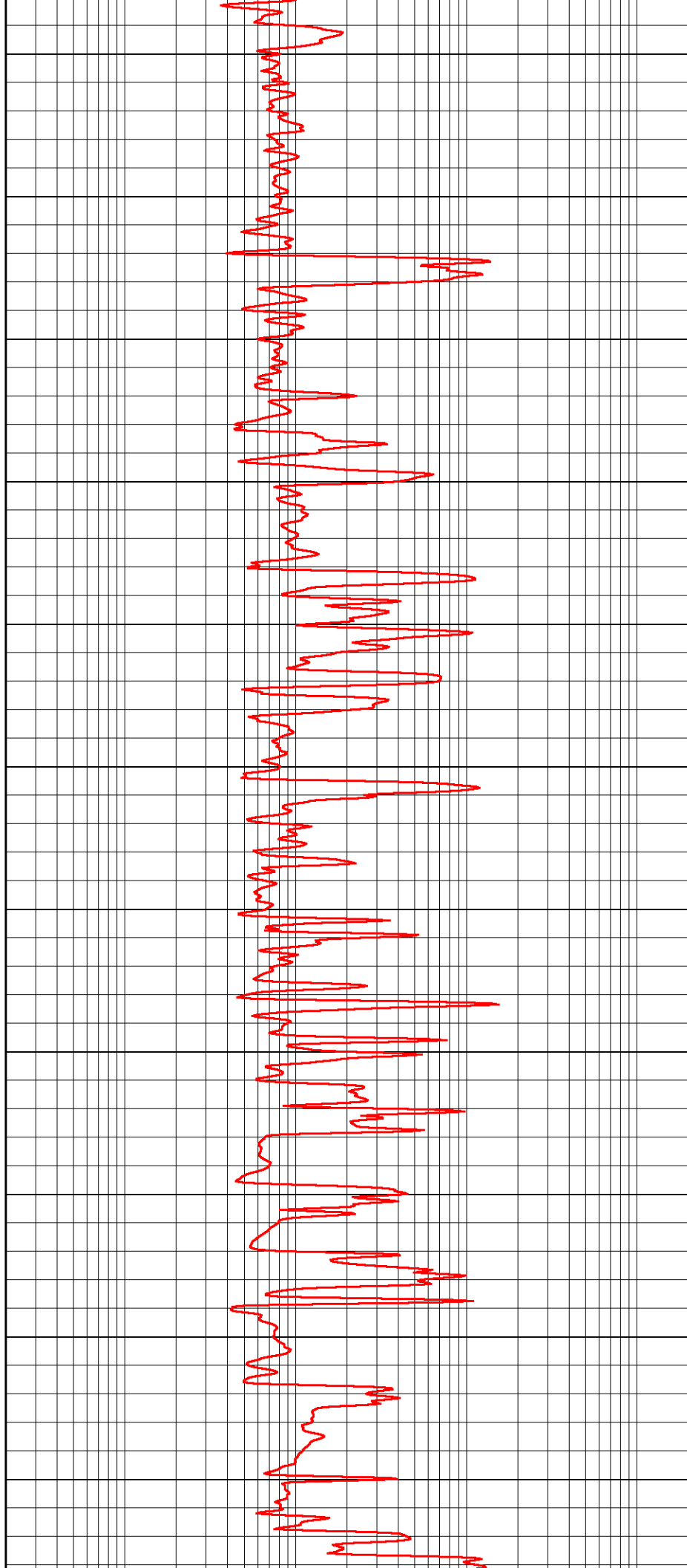
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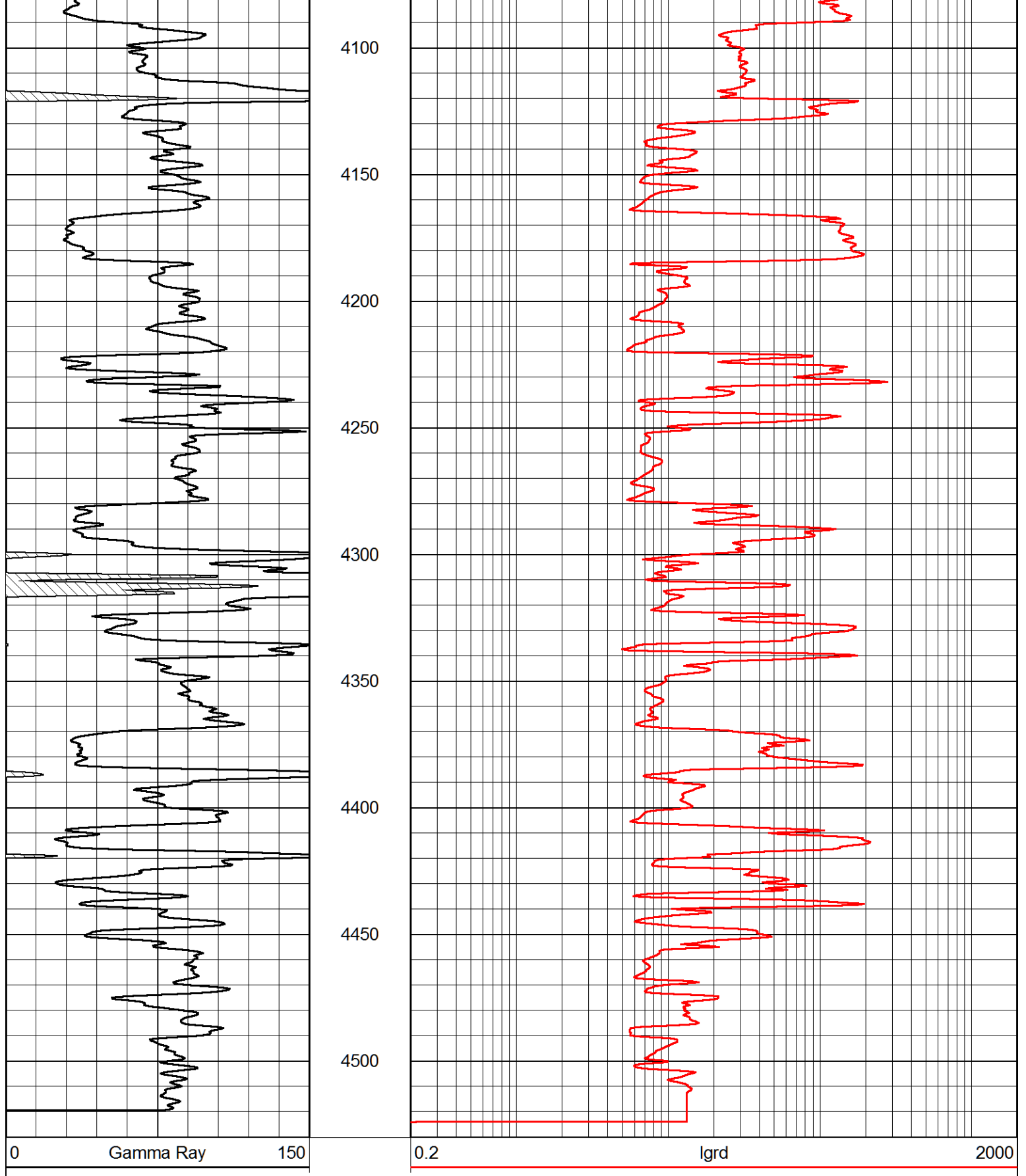
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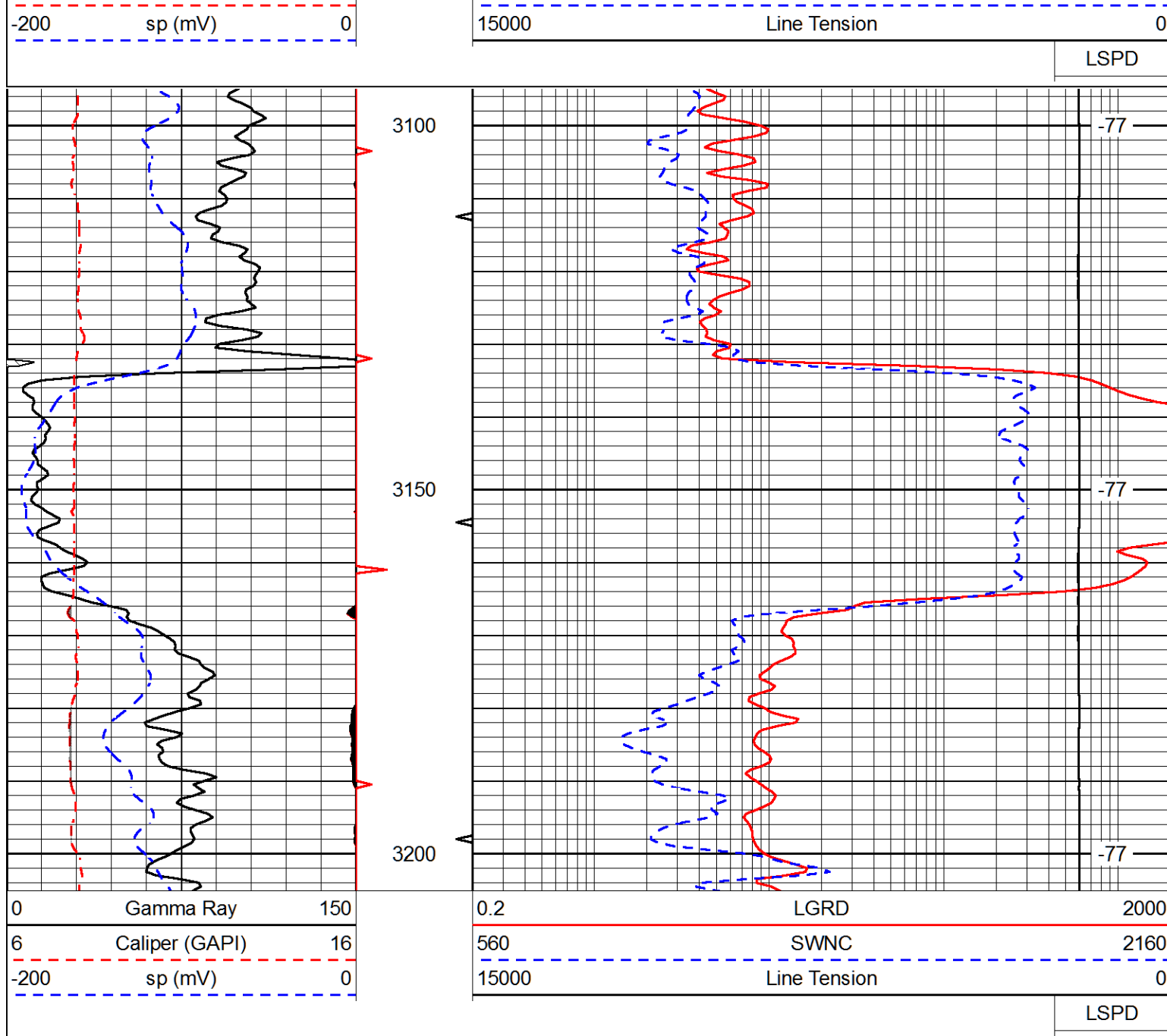
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Database File bxhd.db
Dataset Pathname rag/berxrag
Presentation Format rag
Dataset Creation Mon Jun 15 15:19:49 2015
Charted by Depth in Feet scaled 1:240

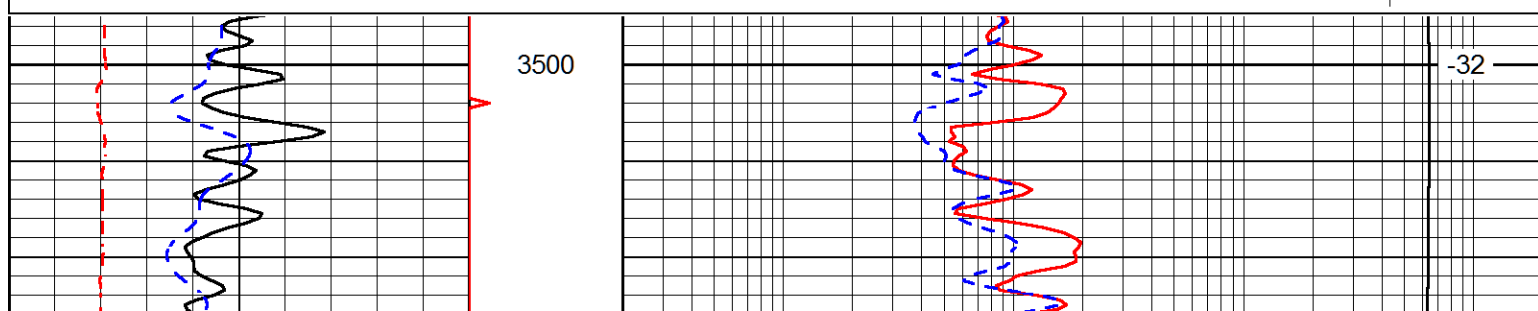
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6	Caliper (GAPI)	16	560	SWNC	2160

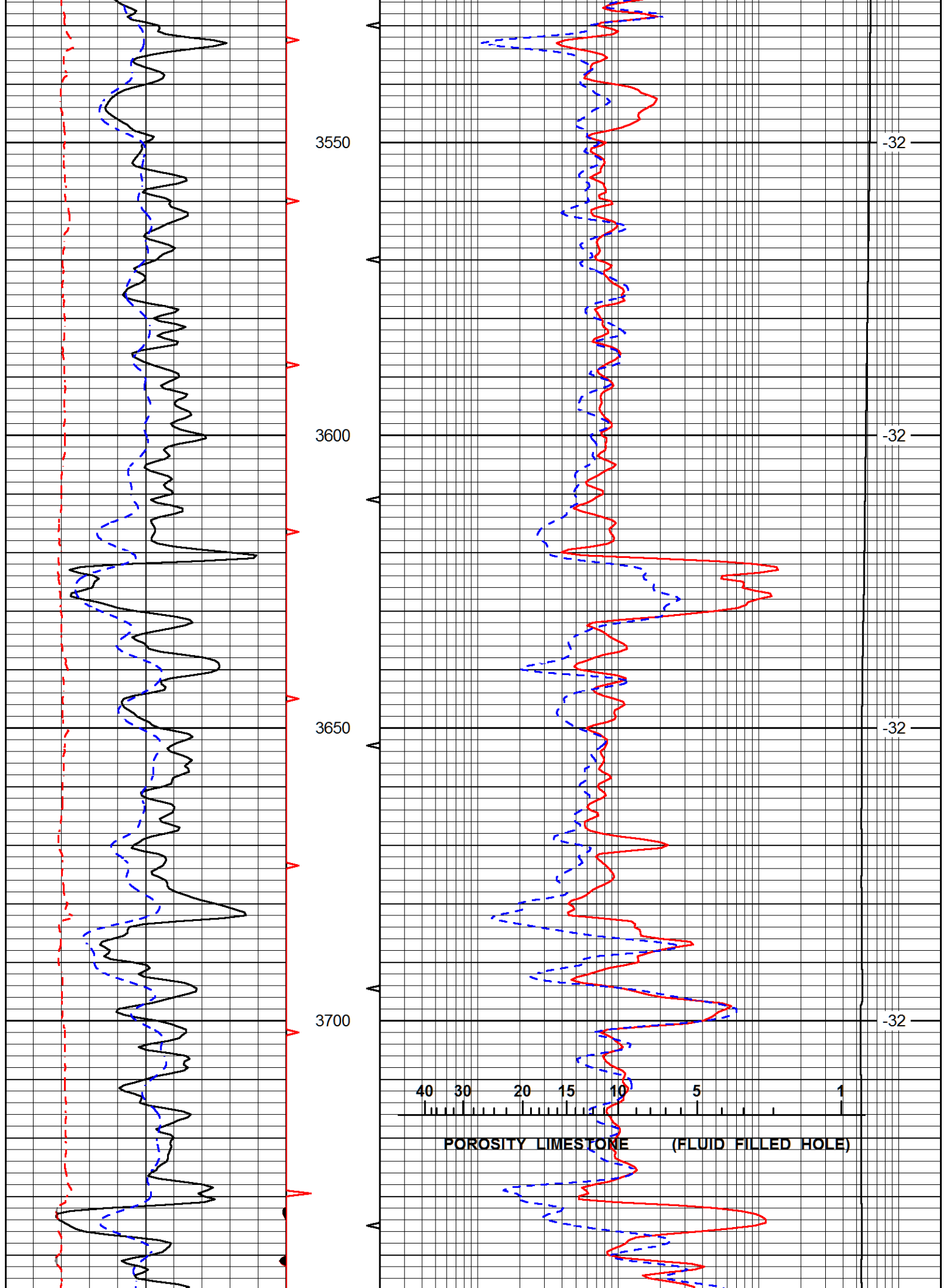


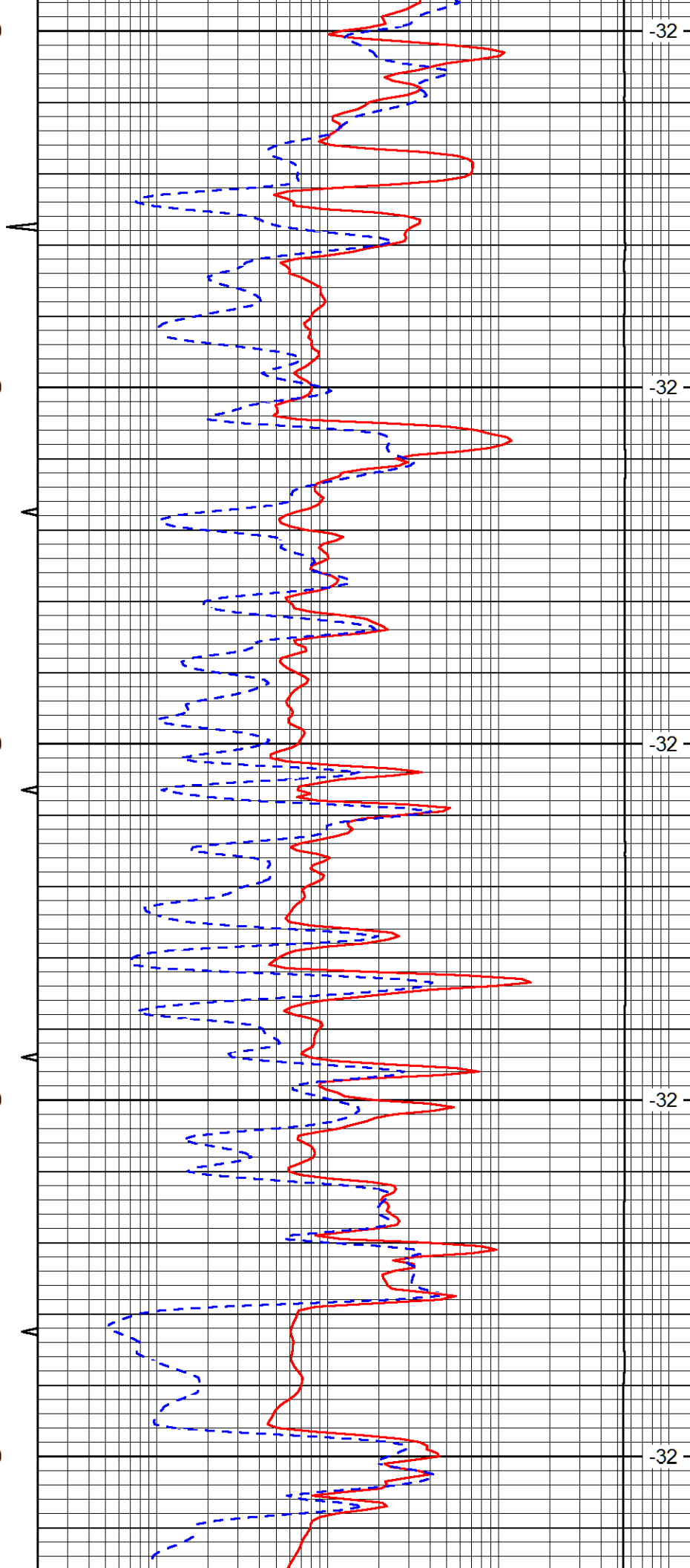
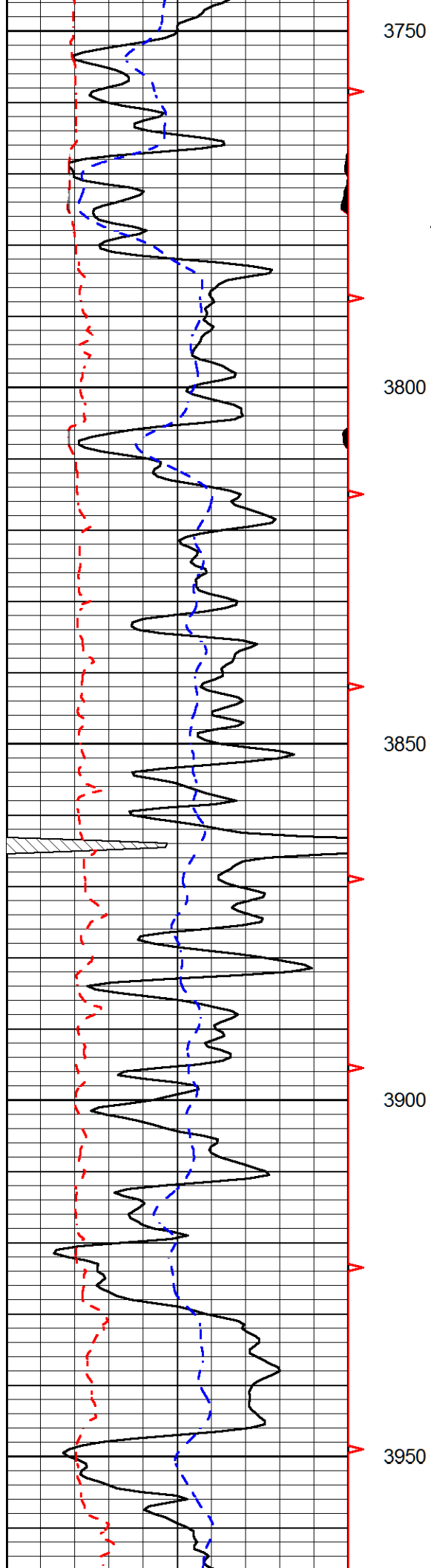
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Dataset Pathname	rag/berxrag
Presentation Format	rag
Dataset Creation	Mon Jun 15 15:19:49 2015
Charted by	Depth in Feet scaled 1:240

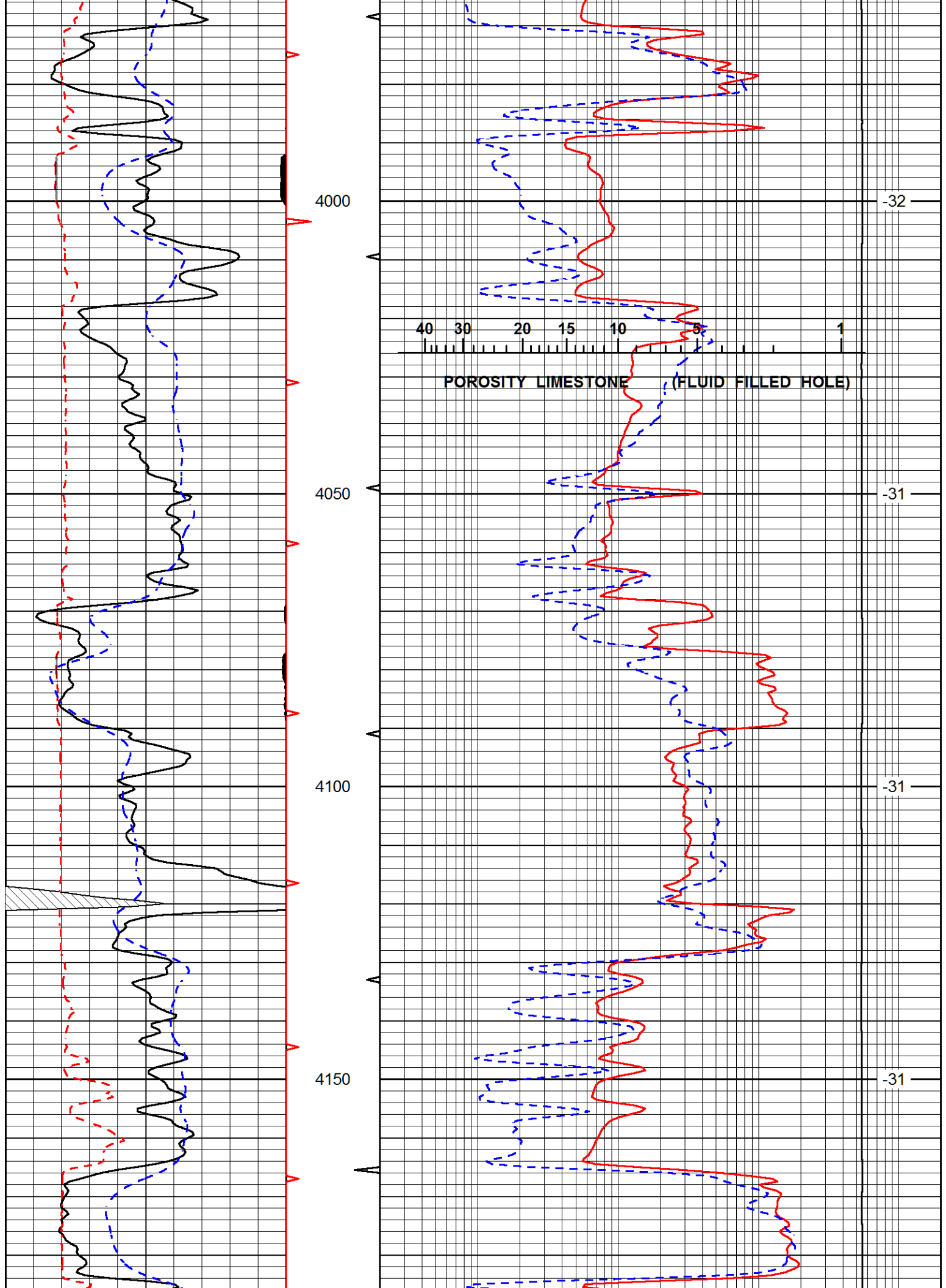
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6 Caliper (GAPI) 16	560 SWNC 2160	-32
-200 sp (mV) 0	15000 Line Tension 0	-32

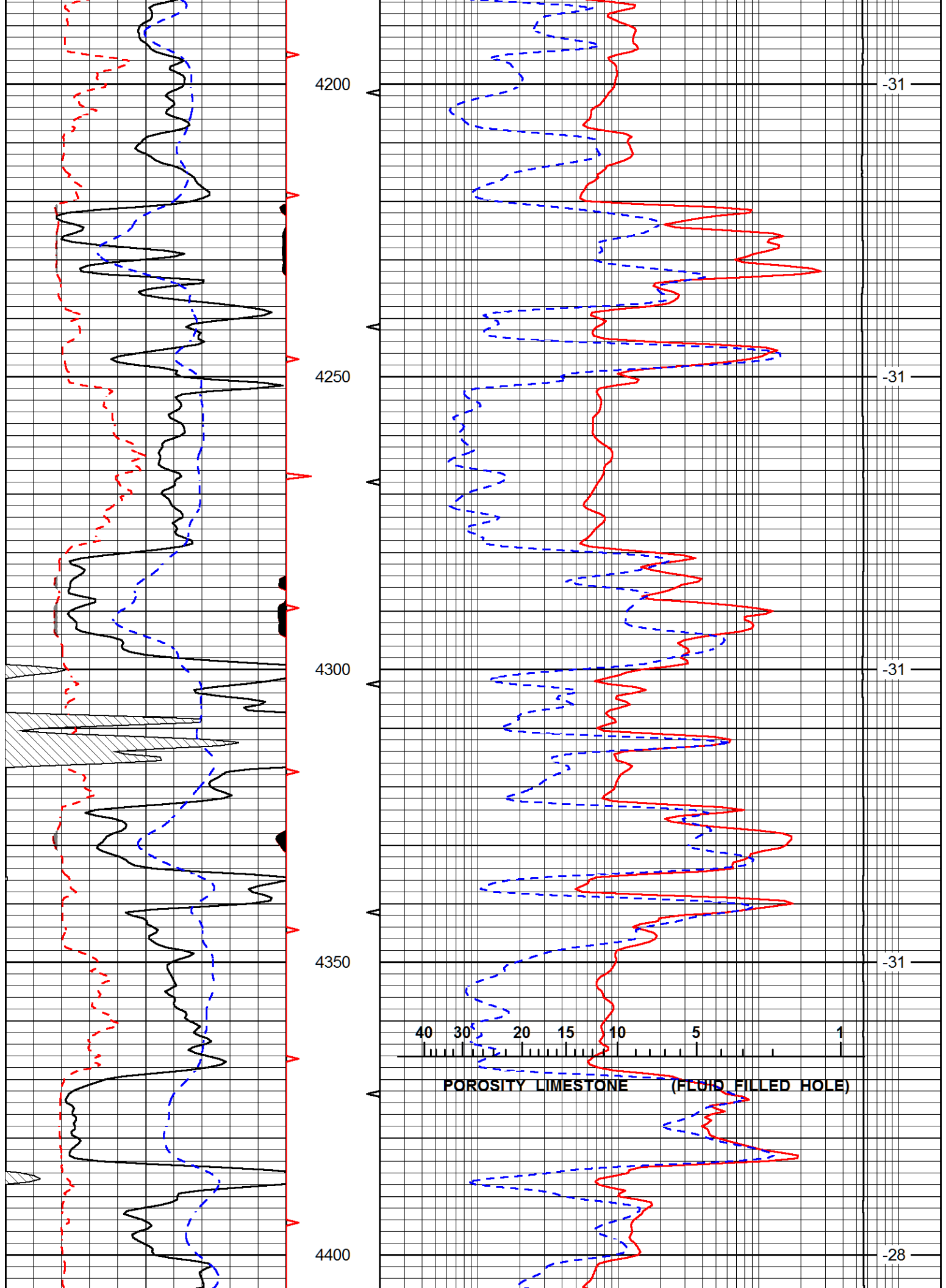
-200 sp (mV) 0	15000 Line Tension 0	LSPD
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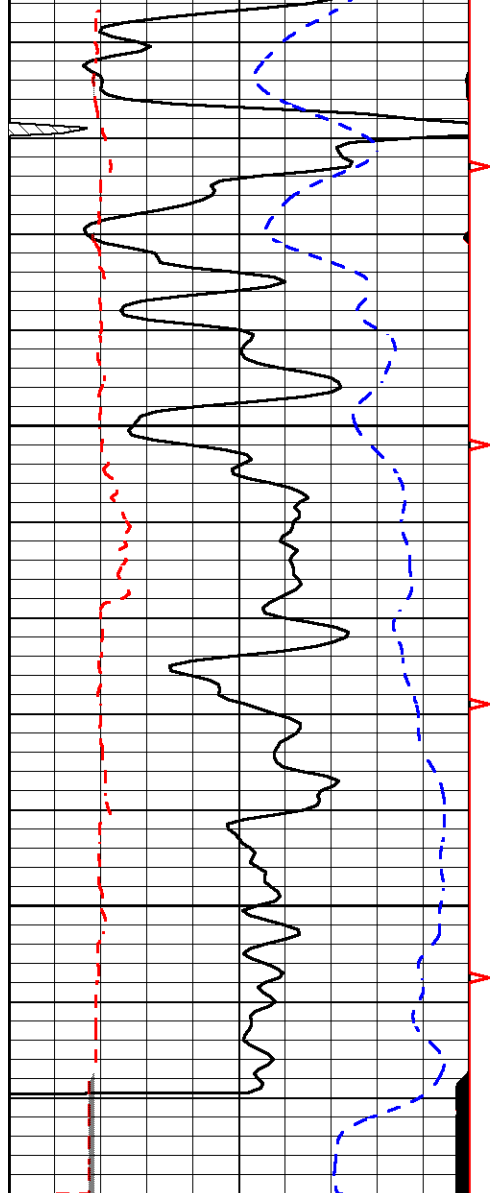








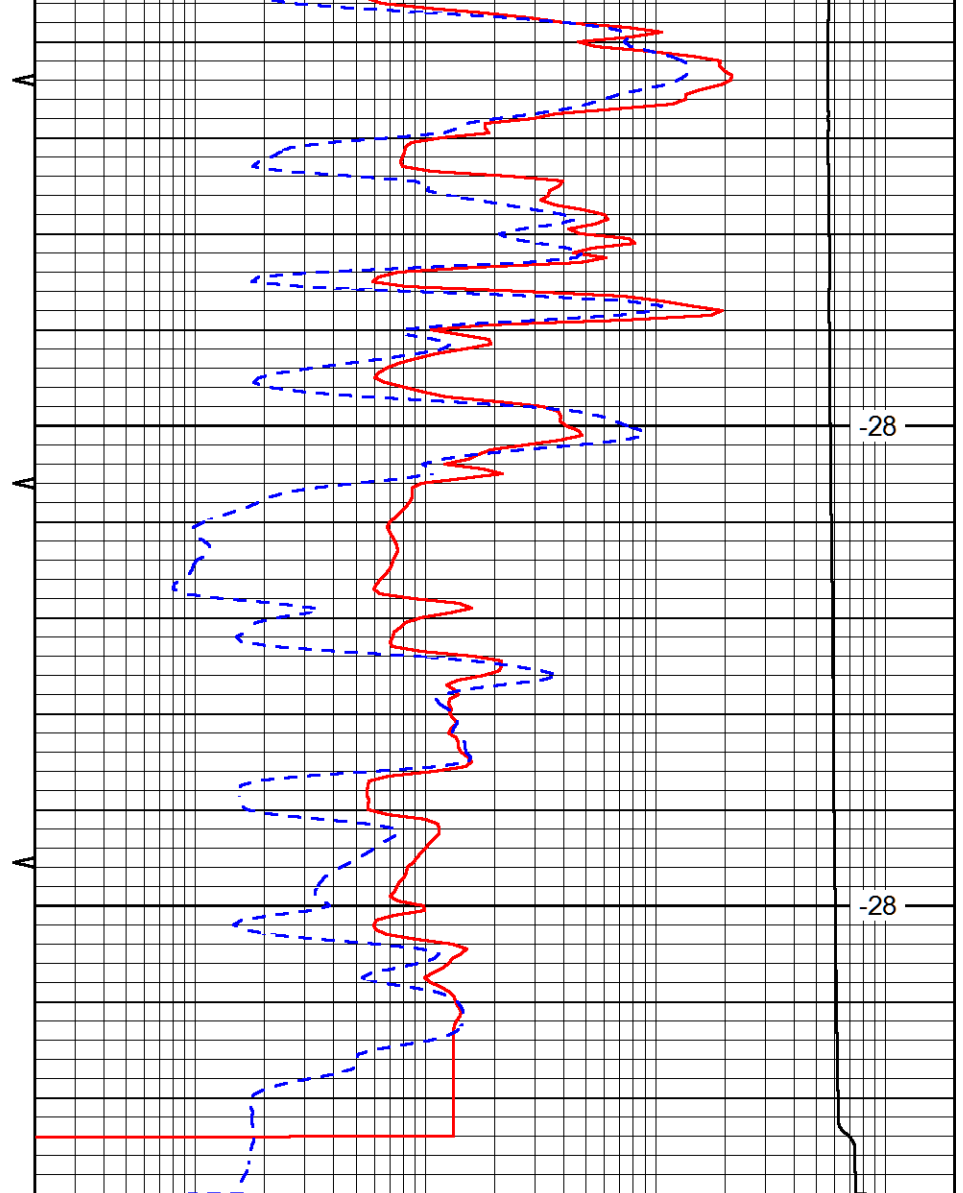




4450

4500

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



-28

-28

0.2	LGRD	2000
560	SWNC	2160
15000	Line Tension	0

LSPD