



PIONEER

Pioneer Energy Services

Radiation Guard Log

API No.	15-153-21,089-00-00		
Company	Berecxco, LLC		
Well	Michael #10-22		
Field	East Fork		
County	Rawlins	State	Kansas
Location	1830' FSL & 1070' FWL		Other Services MEL
Sec: 22	Twp: 1S	Rge: 36W	Elevation
Permanent Datum	Ground Level	Elevation 3109	K.B. 3120
Log Measured From	Kelly Bushing	11 Ft. Above Perm. Datum	D.F. 3109
Drilling Measured From	Kelly Bushing		G.L. 3109
Date	1/24/2015		
Run Number	One		
Depth Driller	4400		
Depth Logger	4395		
Bottom Logged Interval	4394		
Top Log Interval	250		
Casing Driller	8.625 @ 292		
Casing Logger	293		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	1,600		
Density / Viscosity	9.3 65		
pH / Fluid Loss	9.5 6.8		
Source of Sample	Flowline		
Rm @ Meas. Temp	.8 @ 55		
Rmf @ Meas. Temp	.6 @ 55		
Rmc @ Meas. Temp	1.08 @ 55		
Source of Rmf / Rmc	Charts		
Rm @ BHT	.37 @ 120		
Operating Rig Time	4 Hours		
Max Rec. Temp. F	120		
Equipment Number	51		
Location	Hays		
Recorded By	C. Desaire		
Witnessed By	Bryan Bynog		

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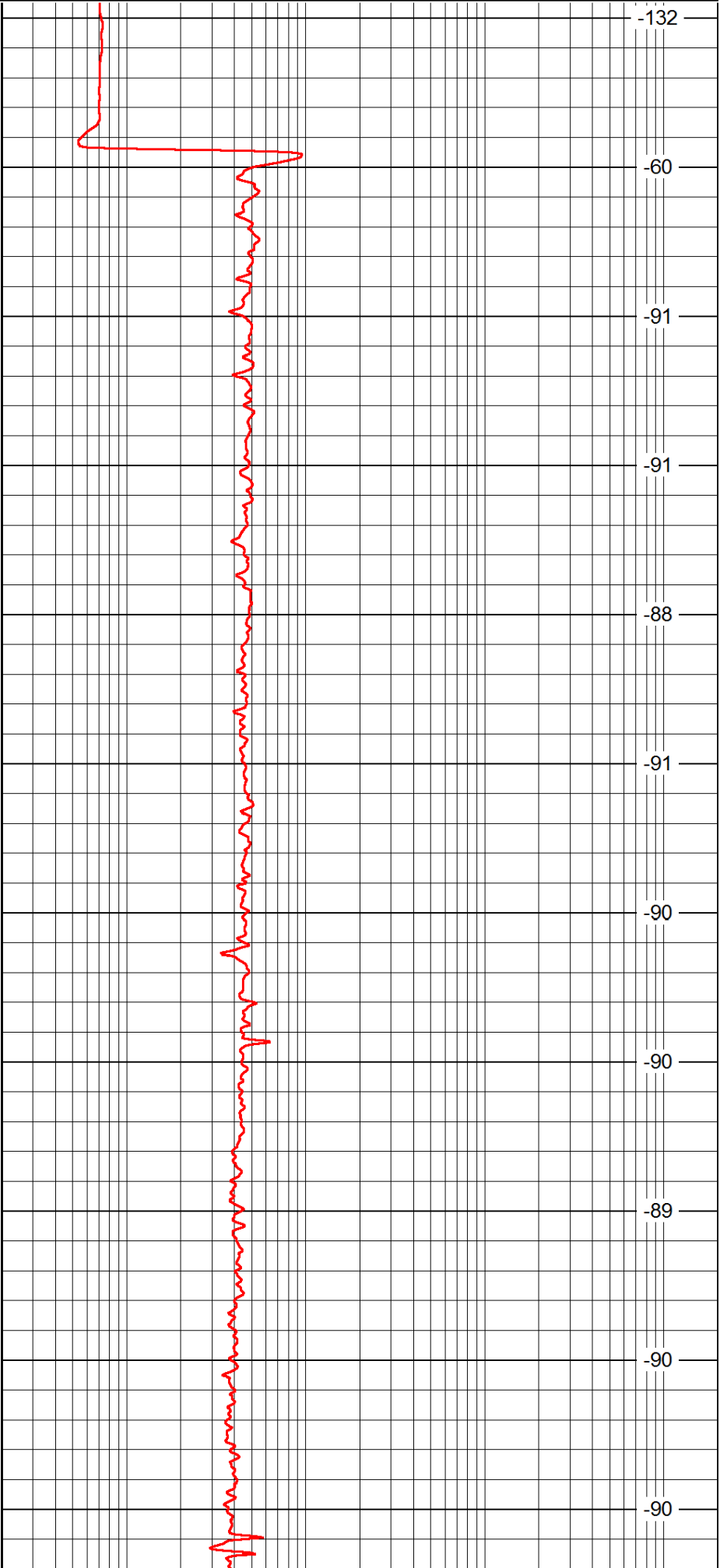
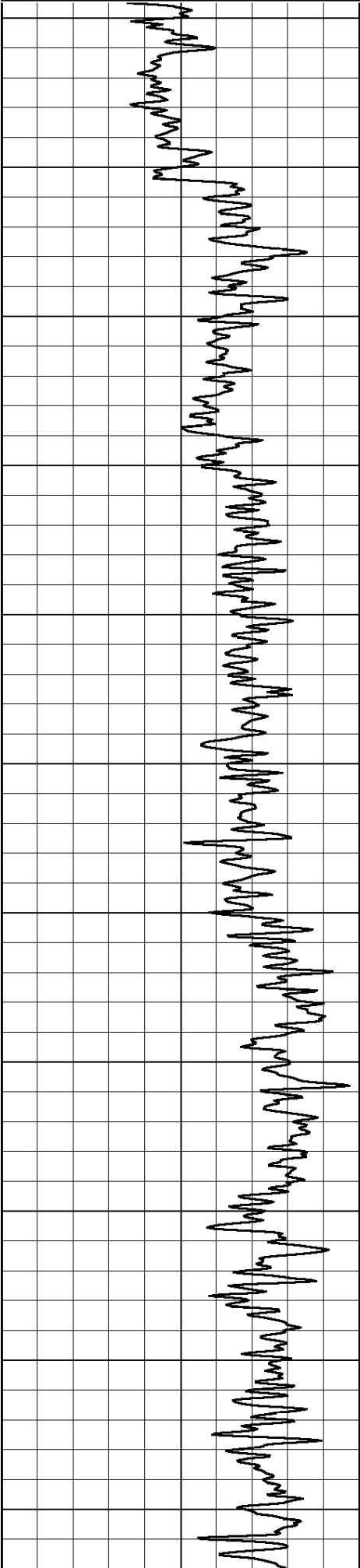
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

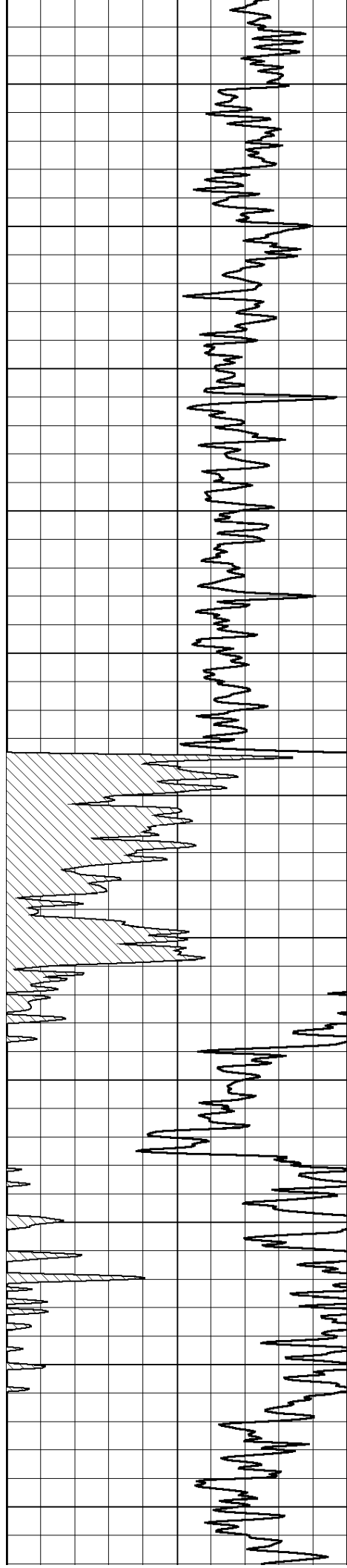
Comments

Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858

McDonald KS, N to AA.5 Rd,
1 1/2 E (past river), S Into

Database File: c:\warrior\data\berexco_michael #10-22\berhd.db
Dataset Pathname: rag/berrag
Presentation Format: rag2in
Dataset Creation: Sat Jan 24 23:45:19 2015
Charted by: Depth in Feet scaled 1:600





800

850

900

950

1000

1050

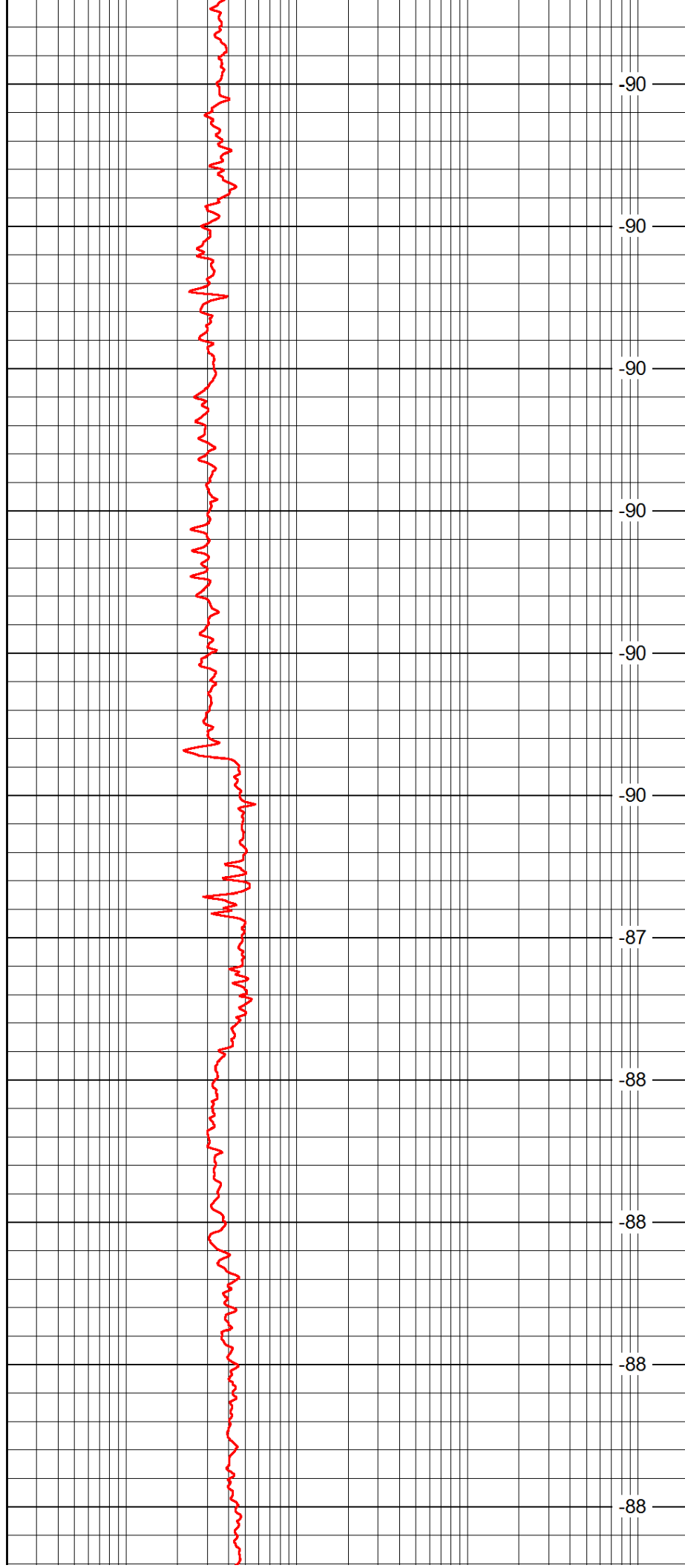
1100

1150

1200

1250

1300



-90

-90

-90

-90

-90

-90

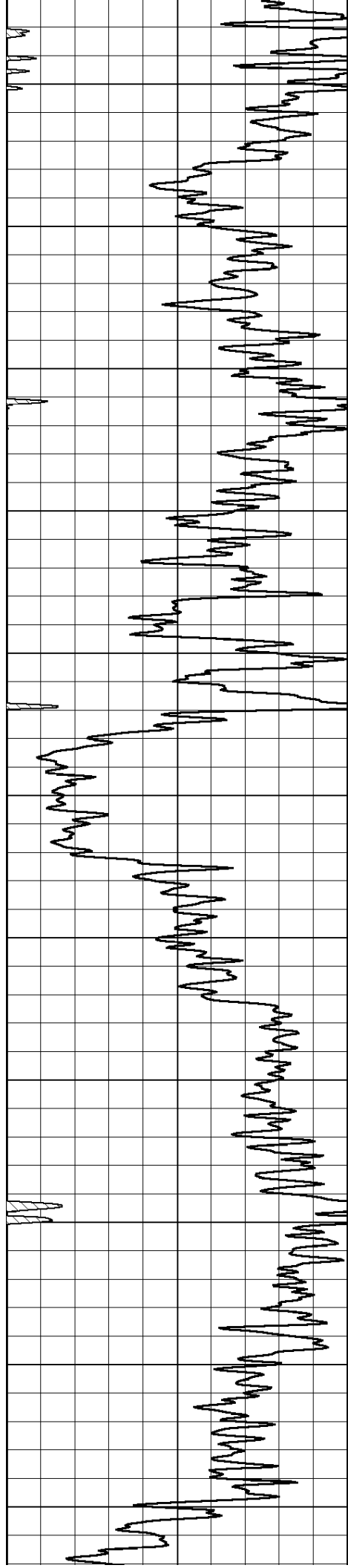
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-88

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1400

1450

1500

1550

1600

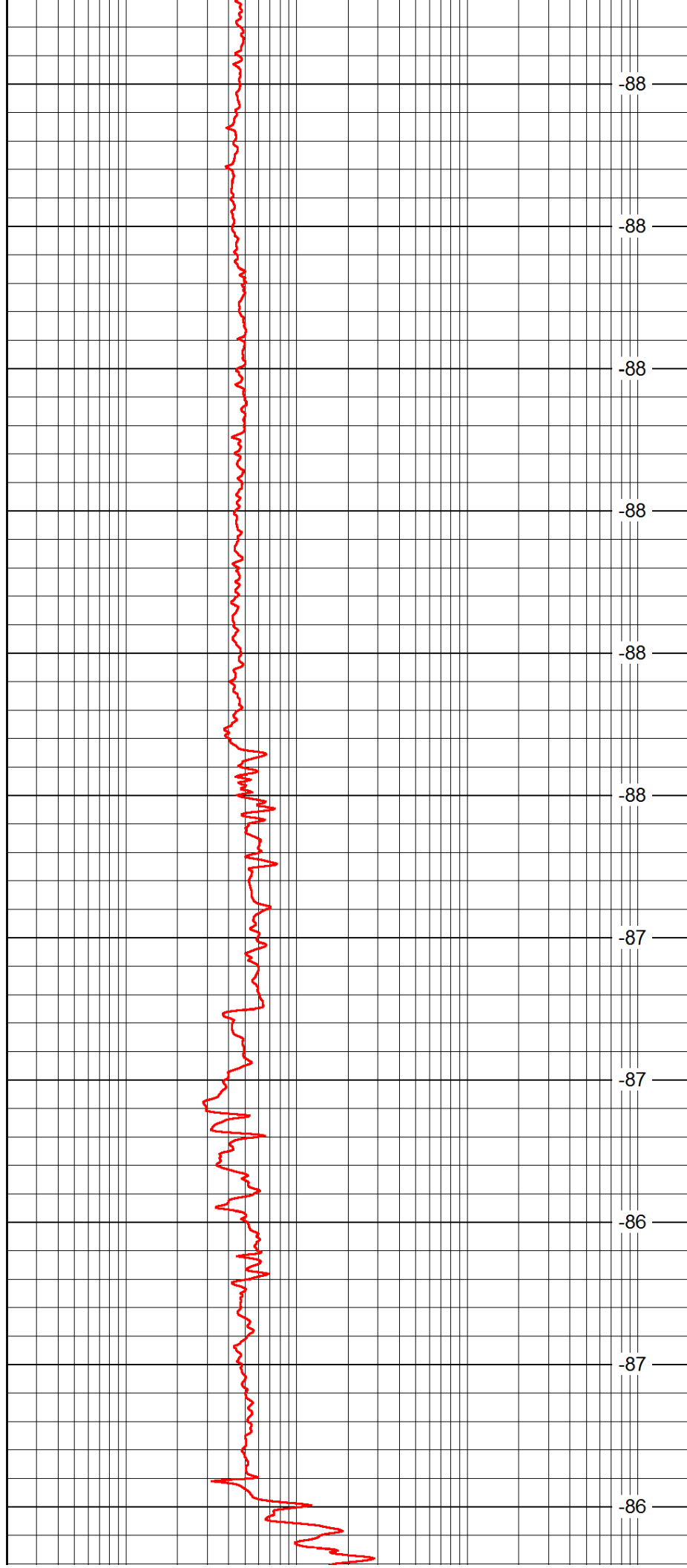
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1700

1750

1800

1850



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-88

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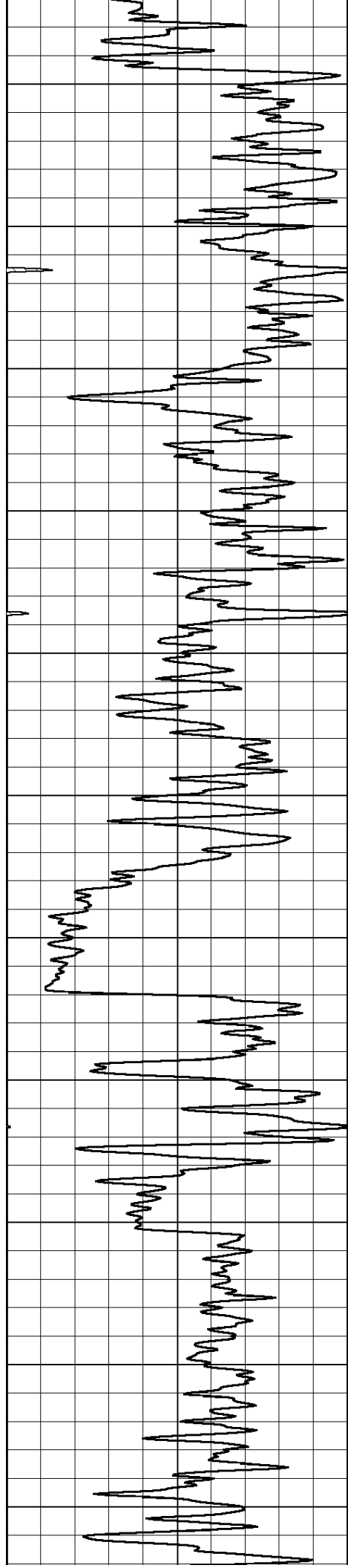
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-86

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1900

1950

2000

2050

2100

2150

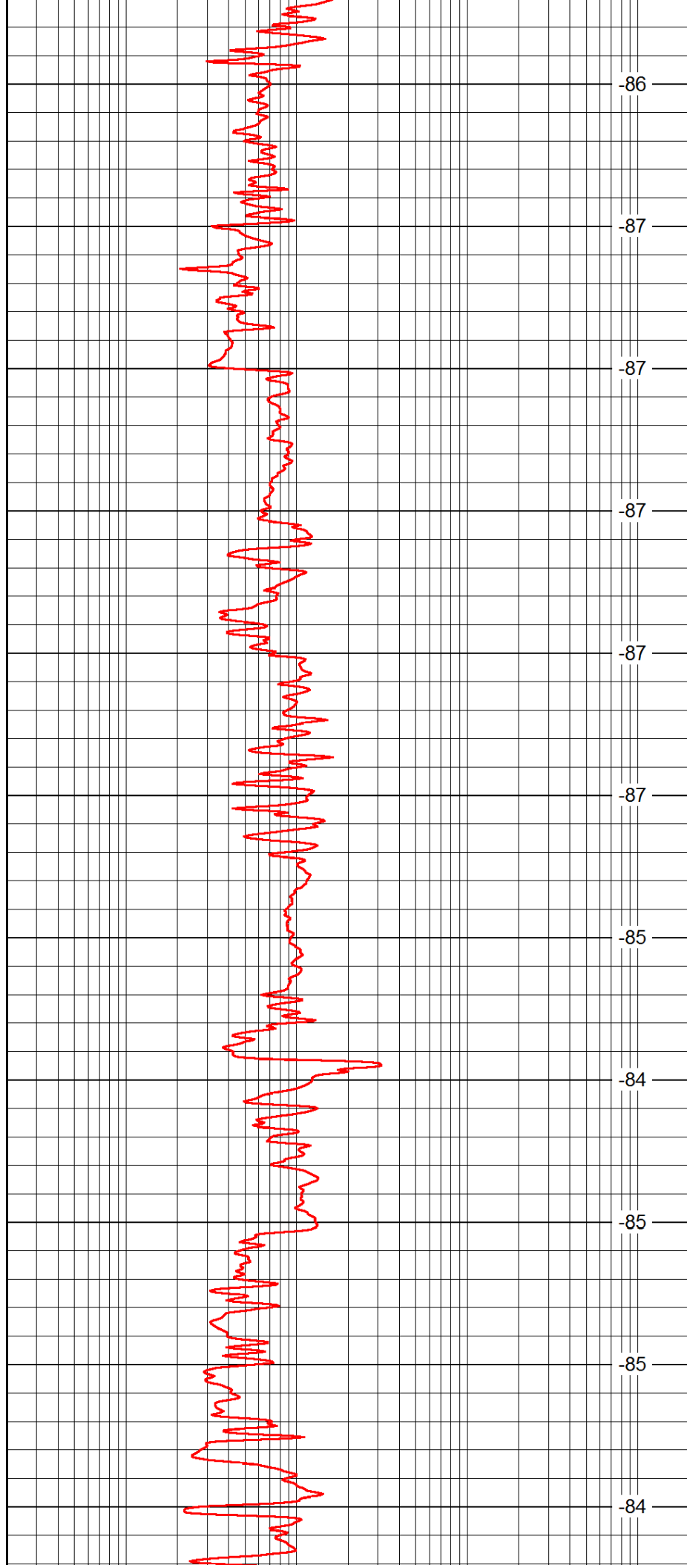
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2250

2300

2350

2400



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-87

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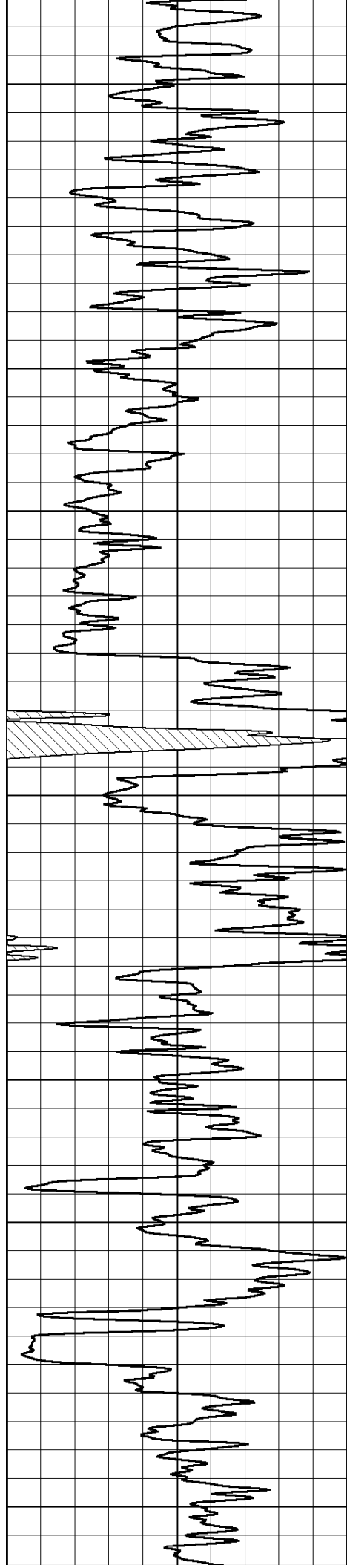
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2500

2550

2600

2650

2700

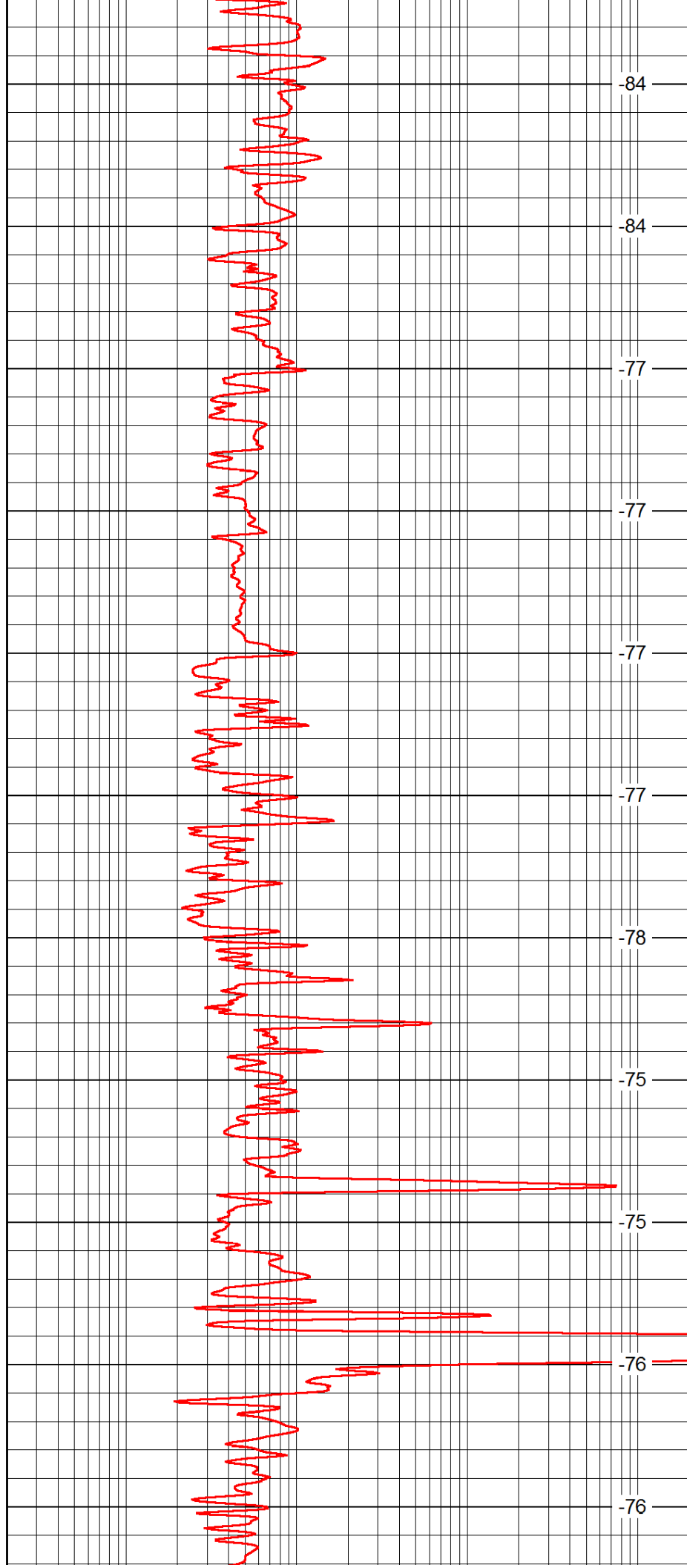
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2850

2900

2950



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-84

-77

-77

-77

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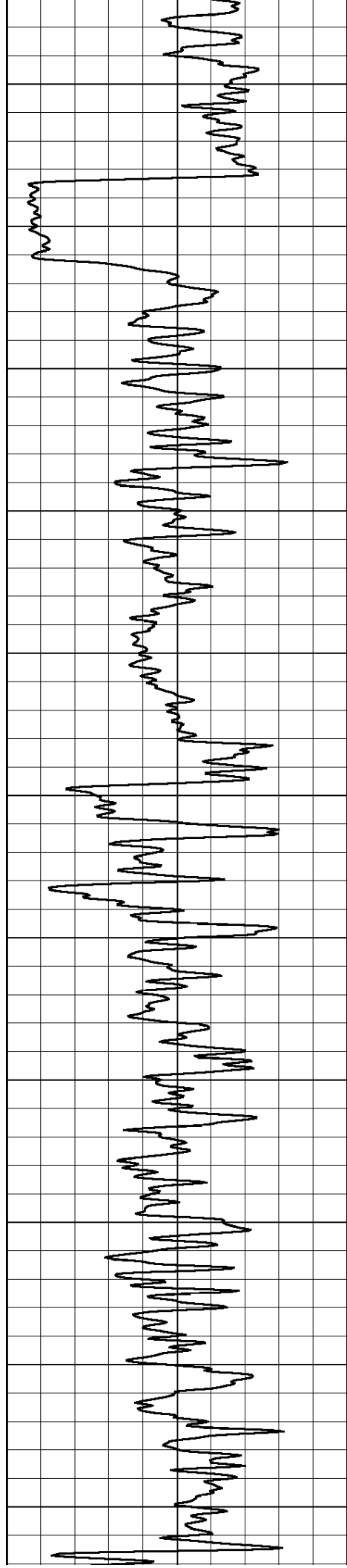
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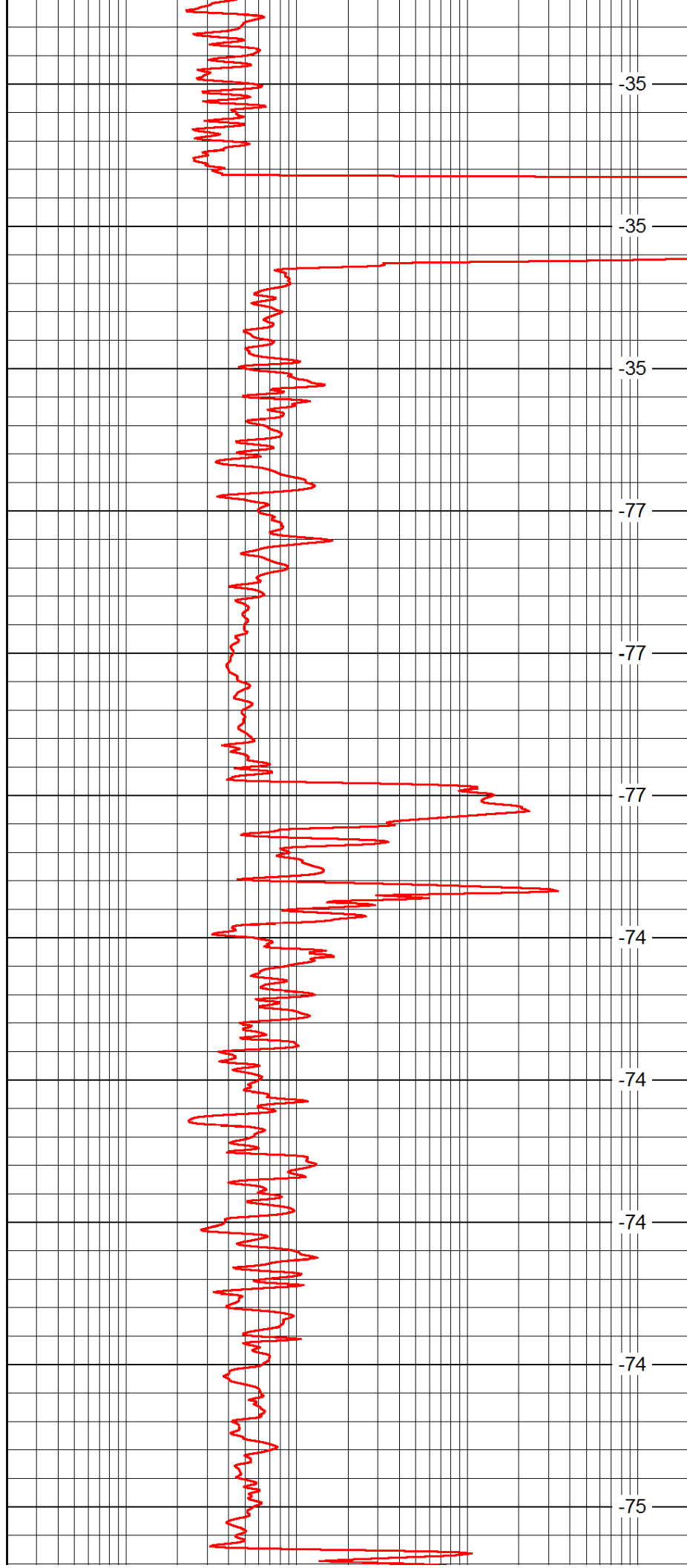
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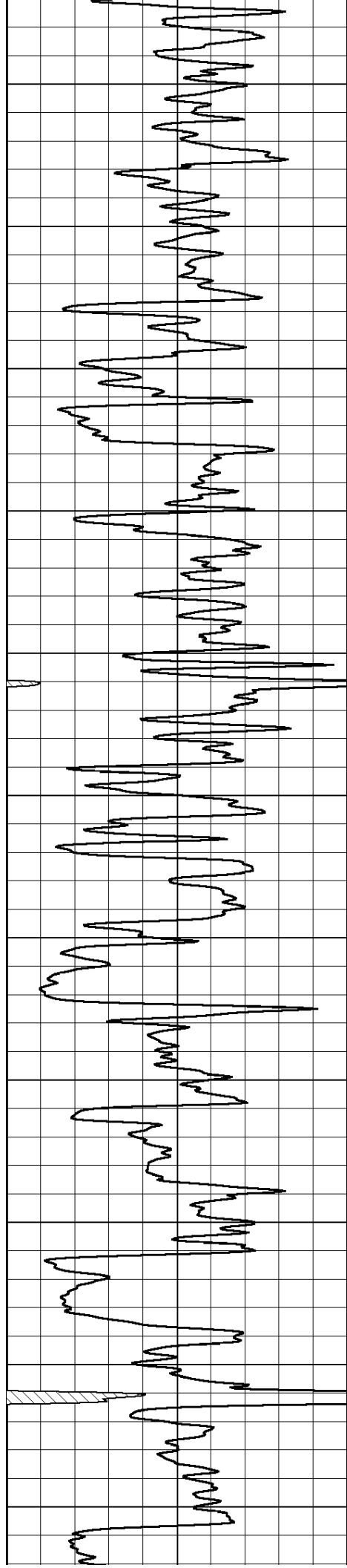
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3000
3050
3100
3150
3200
3250
3300
3350
3400
3450
3500



-35
-35
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-77
-74
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-75



3550

3600

3650

3700

3750

3800

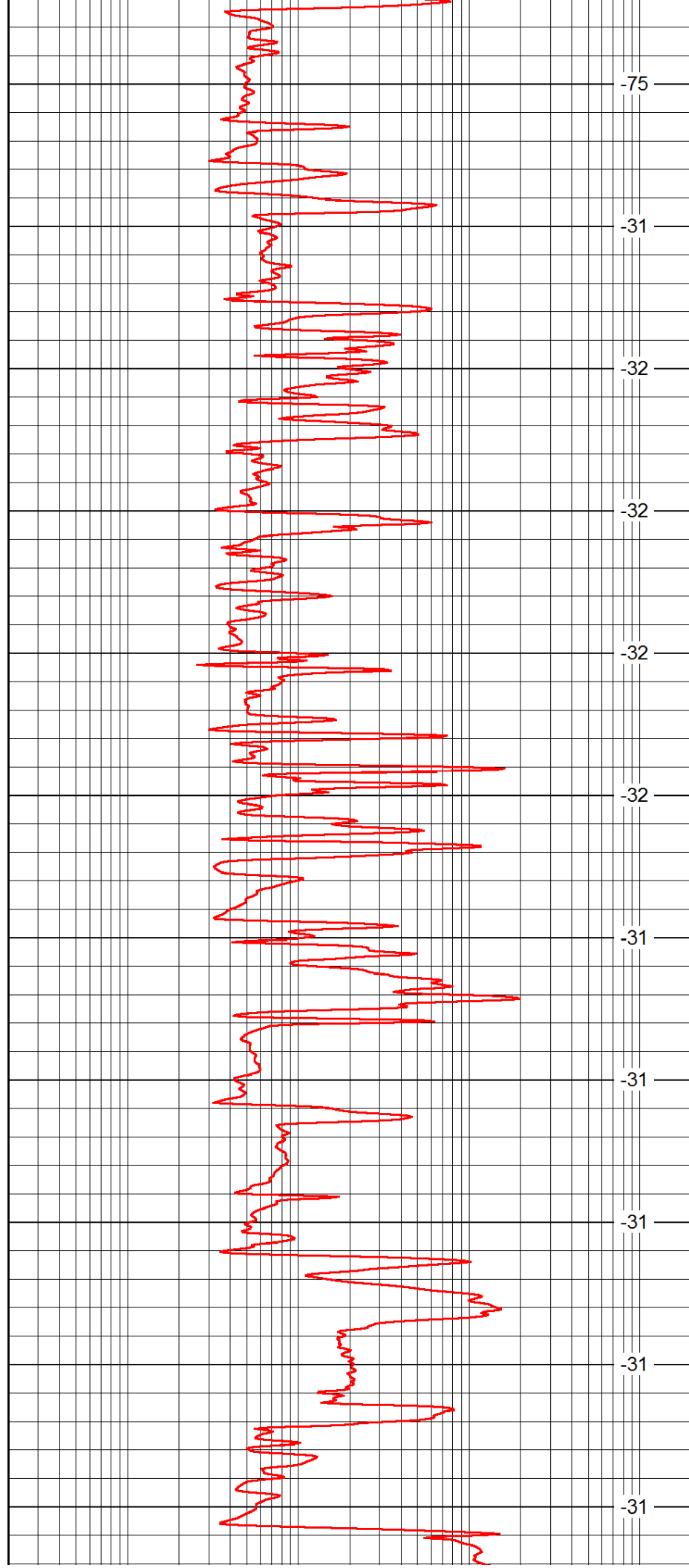
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3900

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4050



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-32

-32

-32

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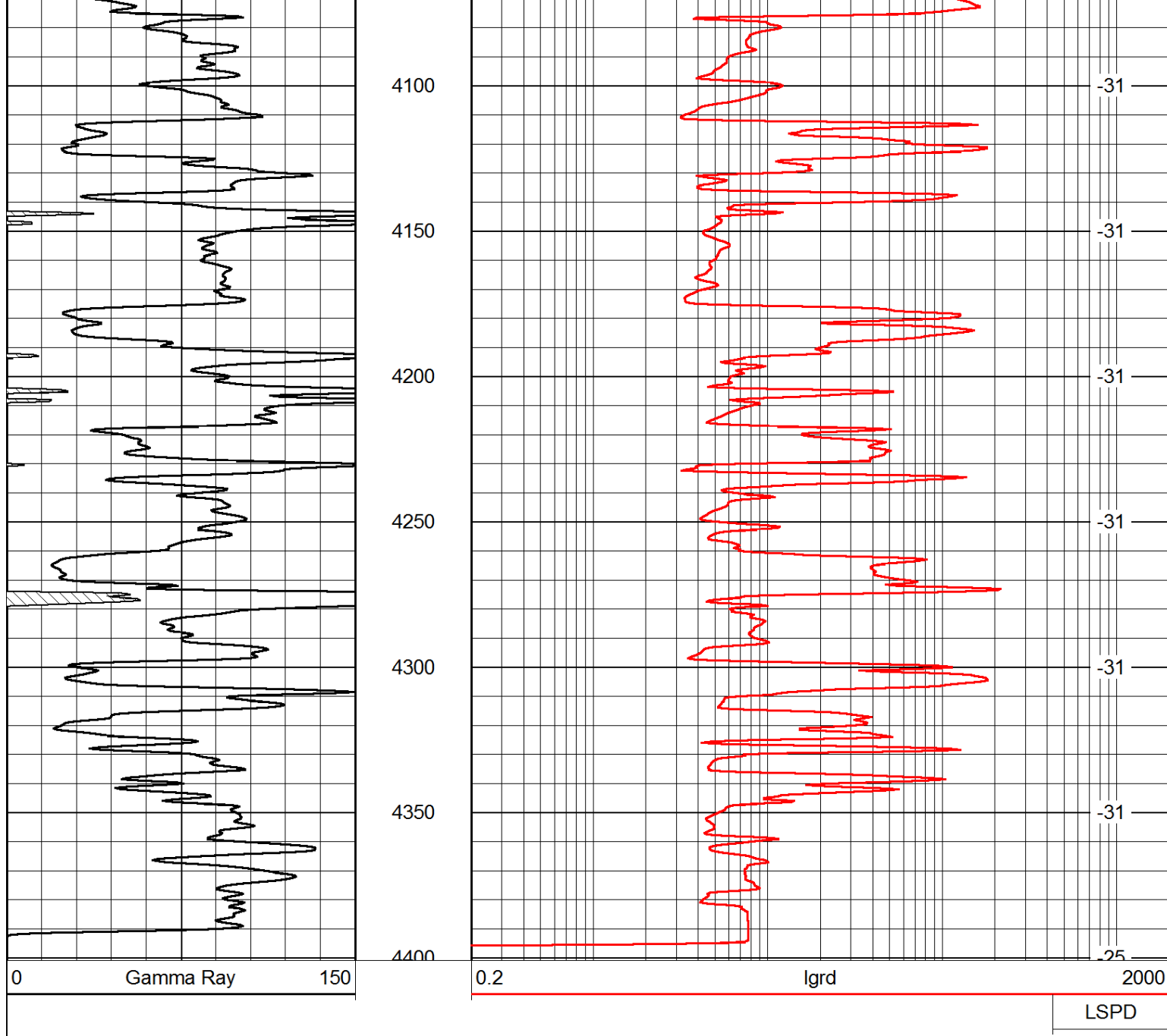
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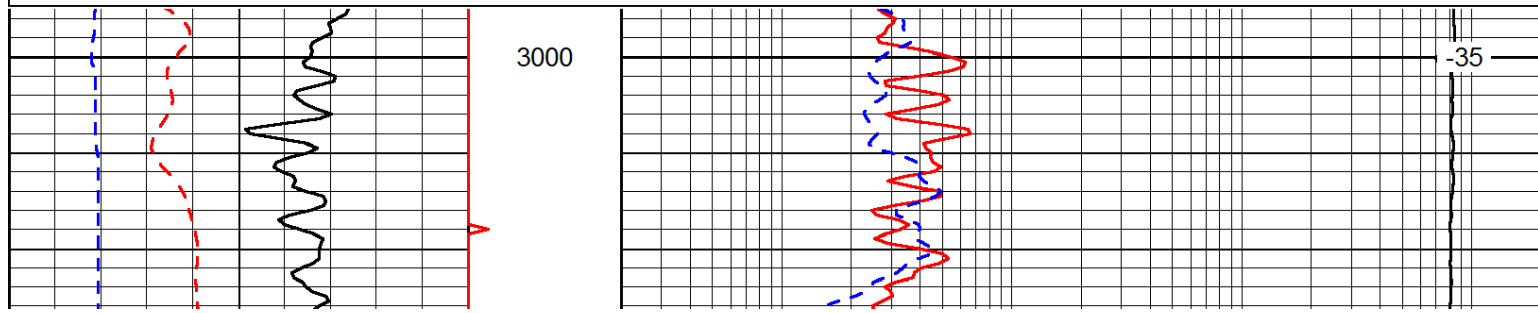
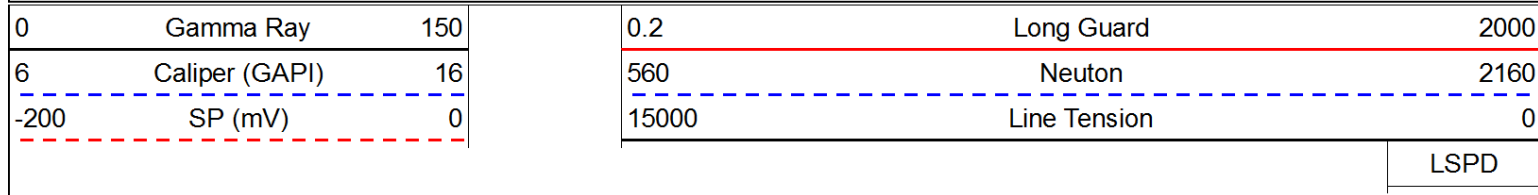
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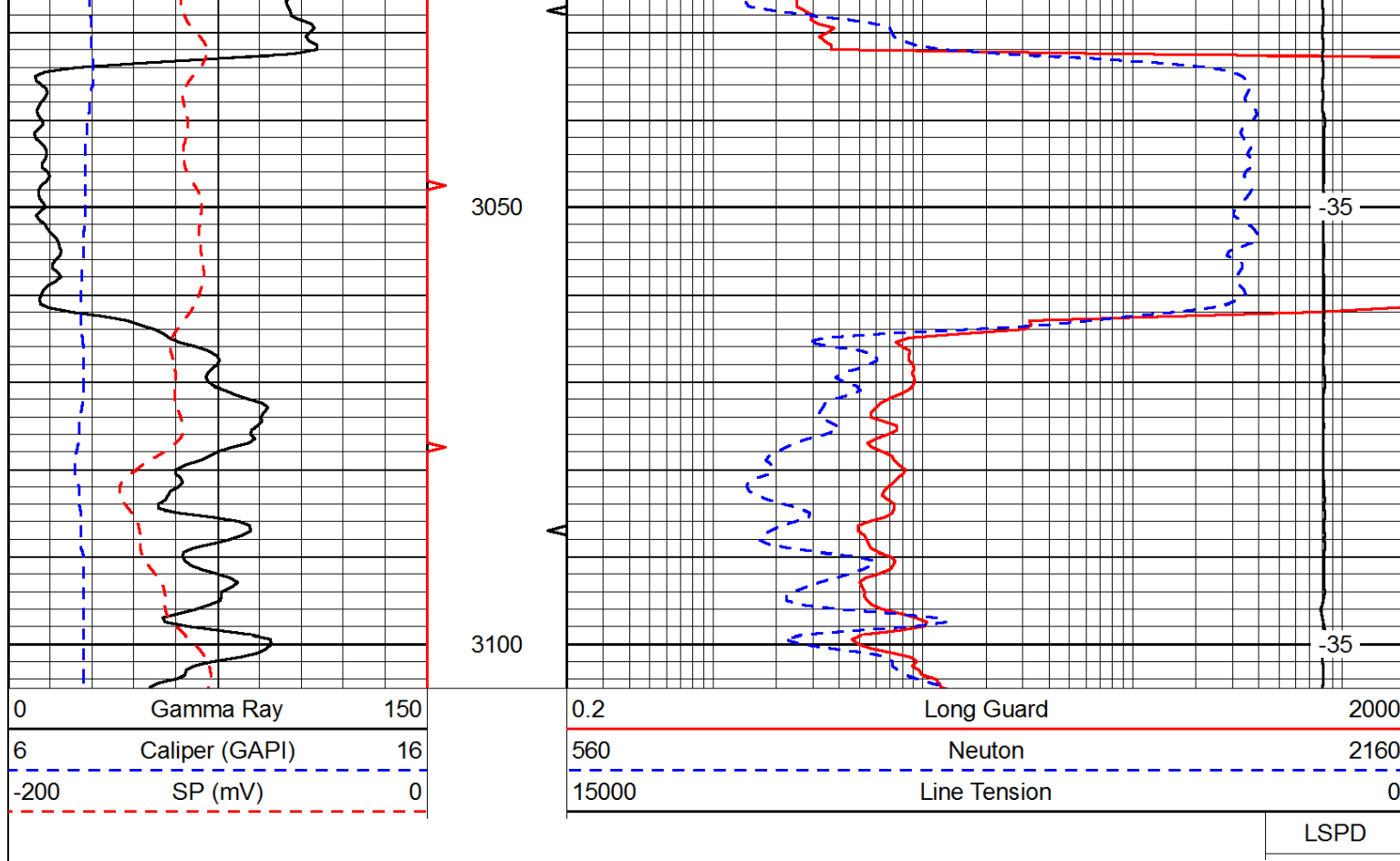
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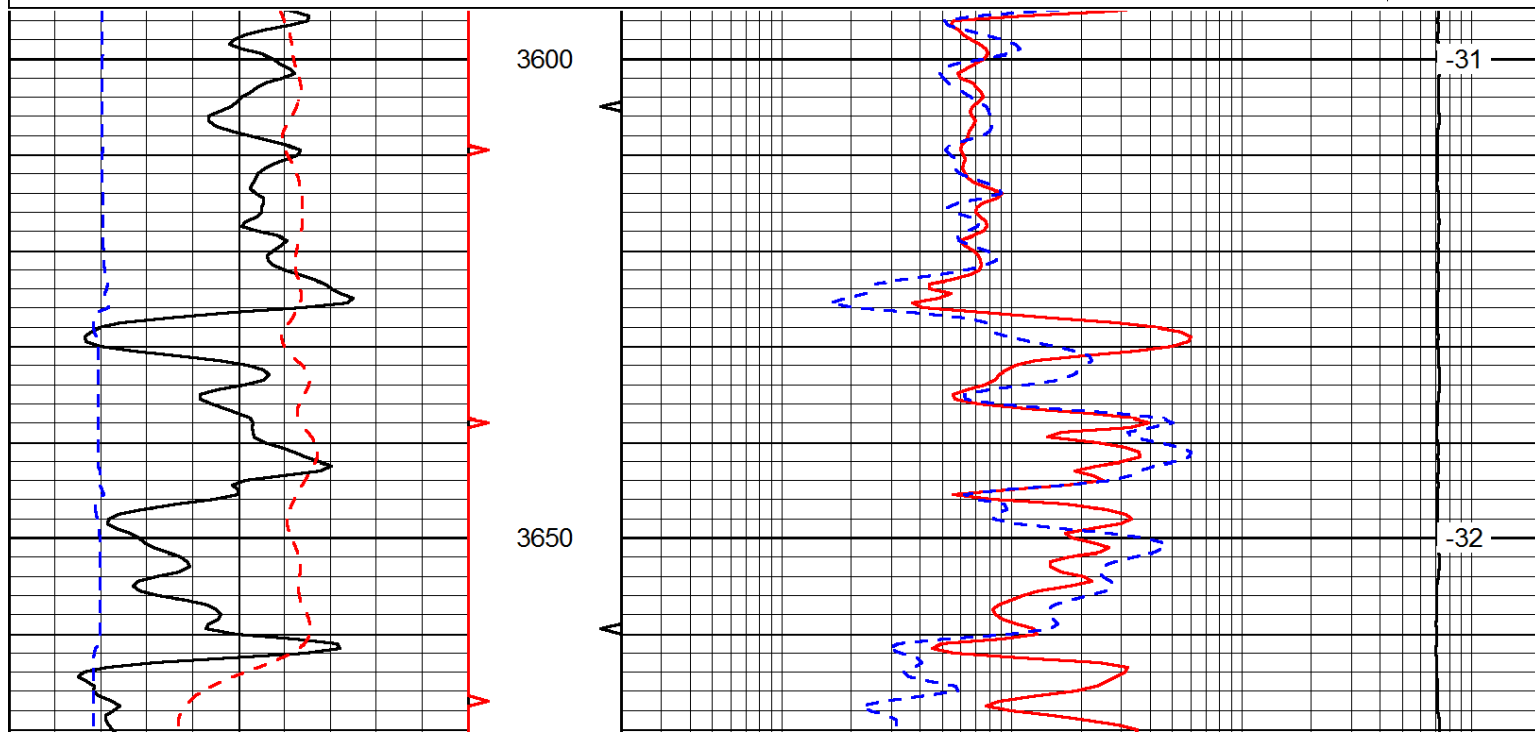
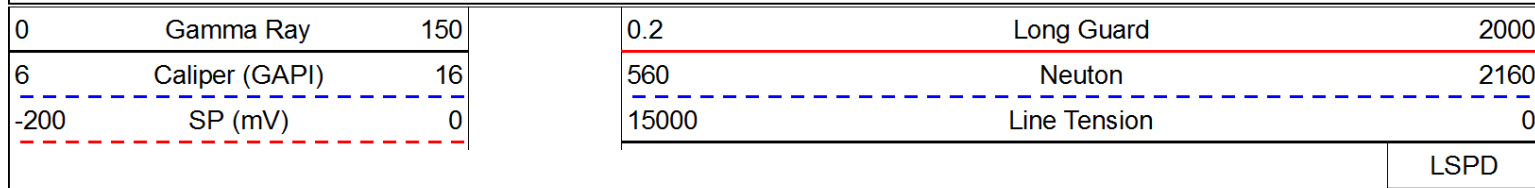


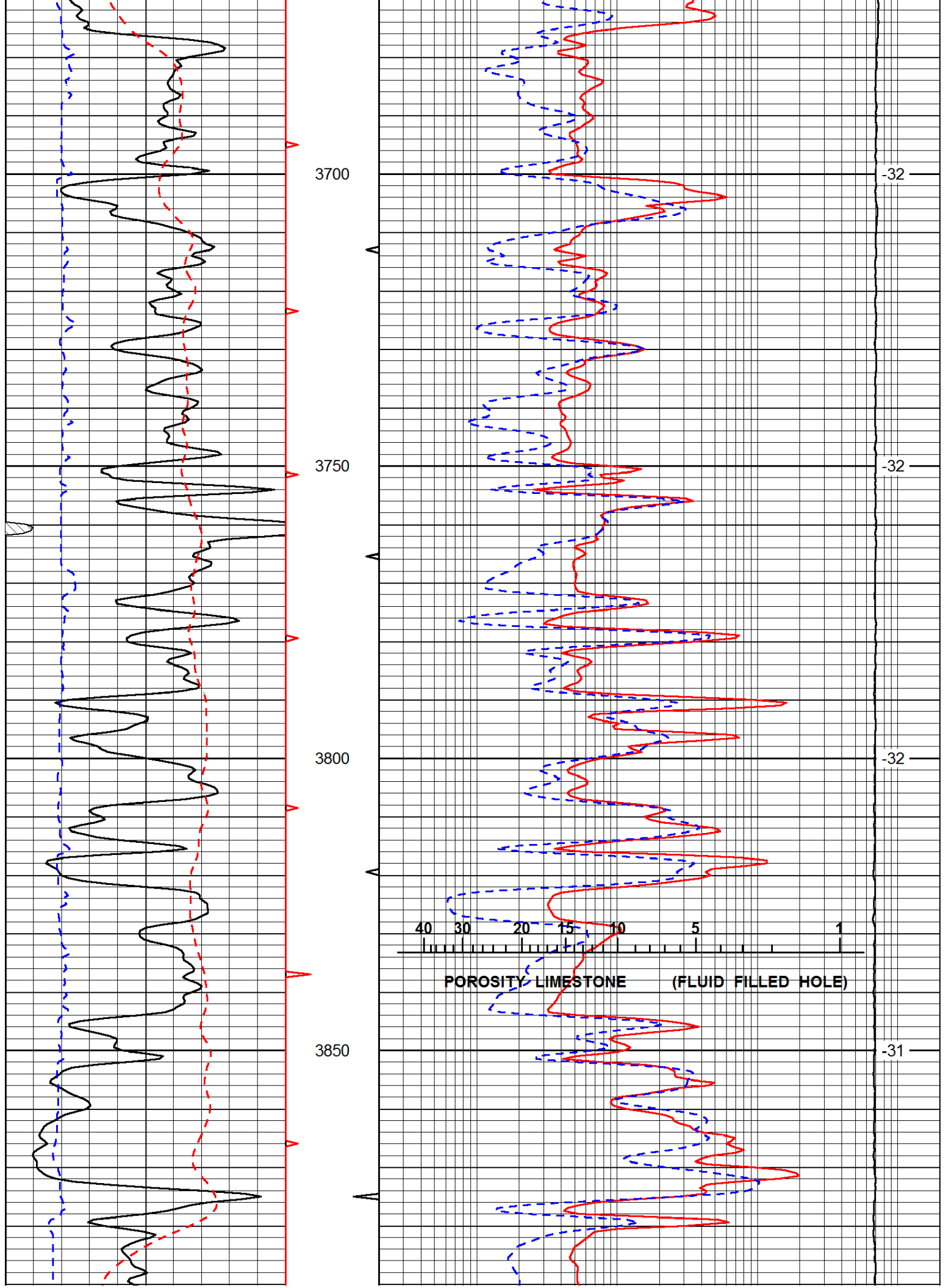
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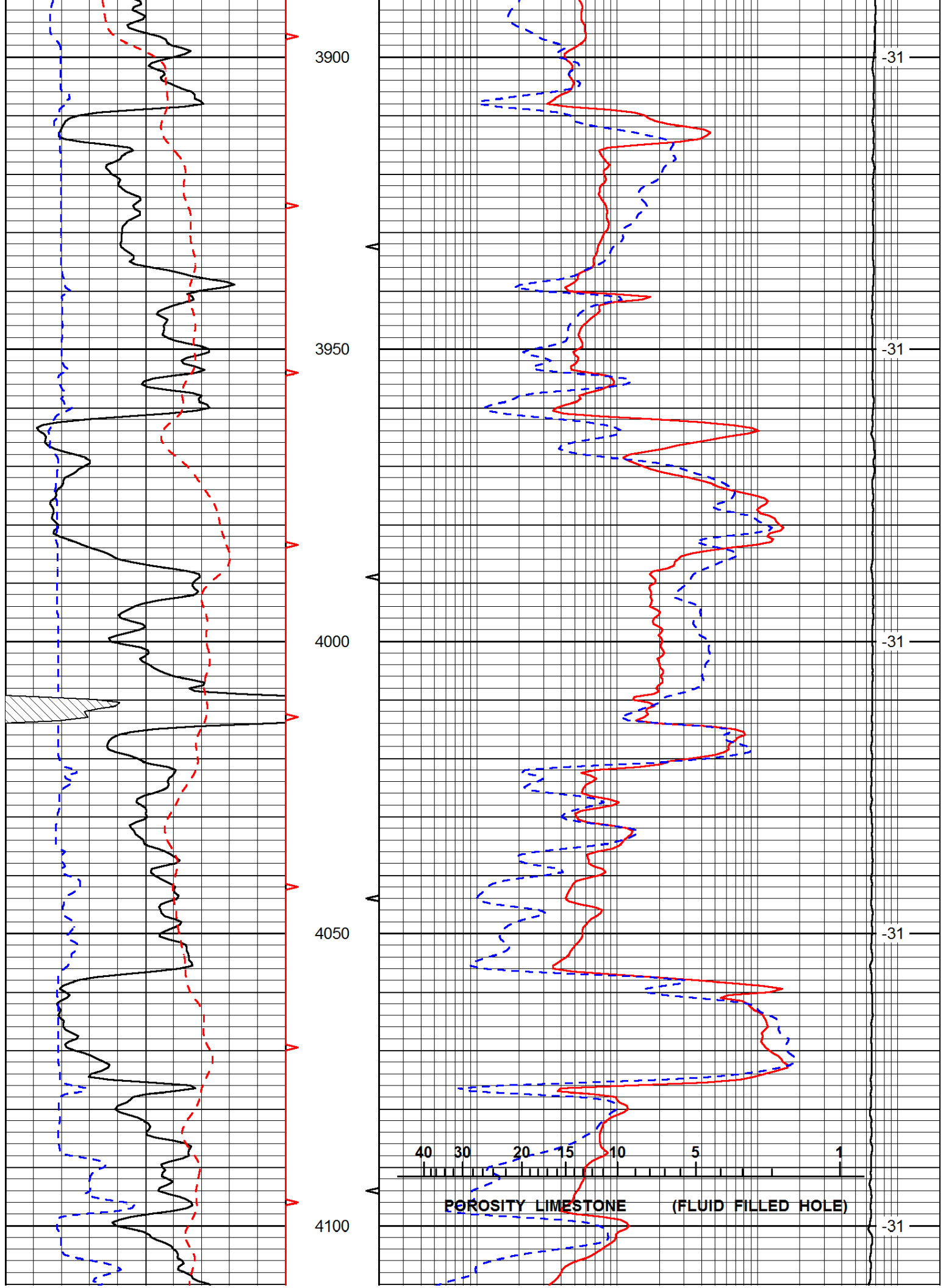


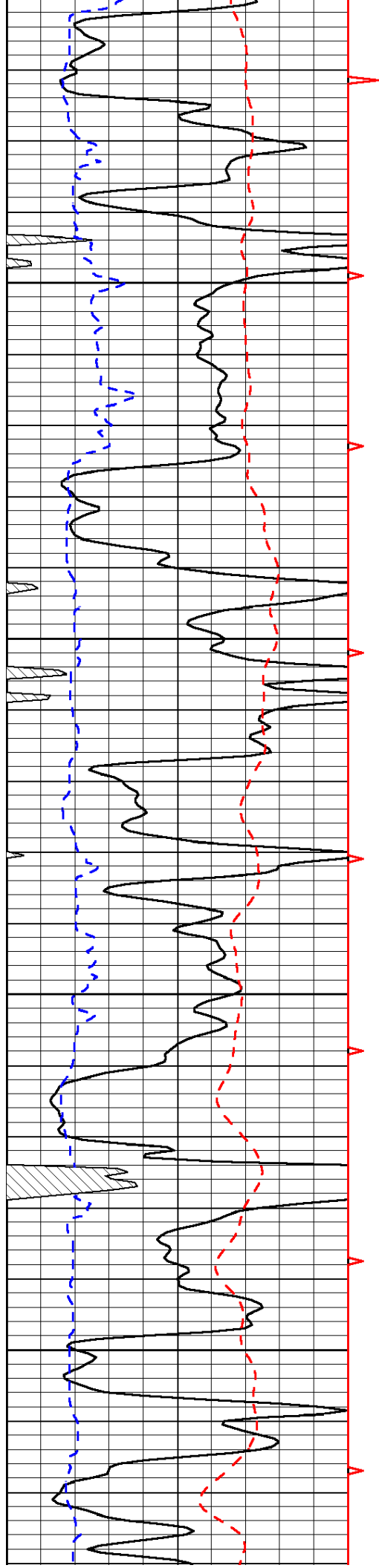


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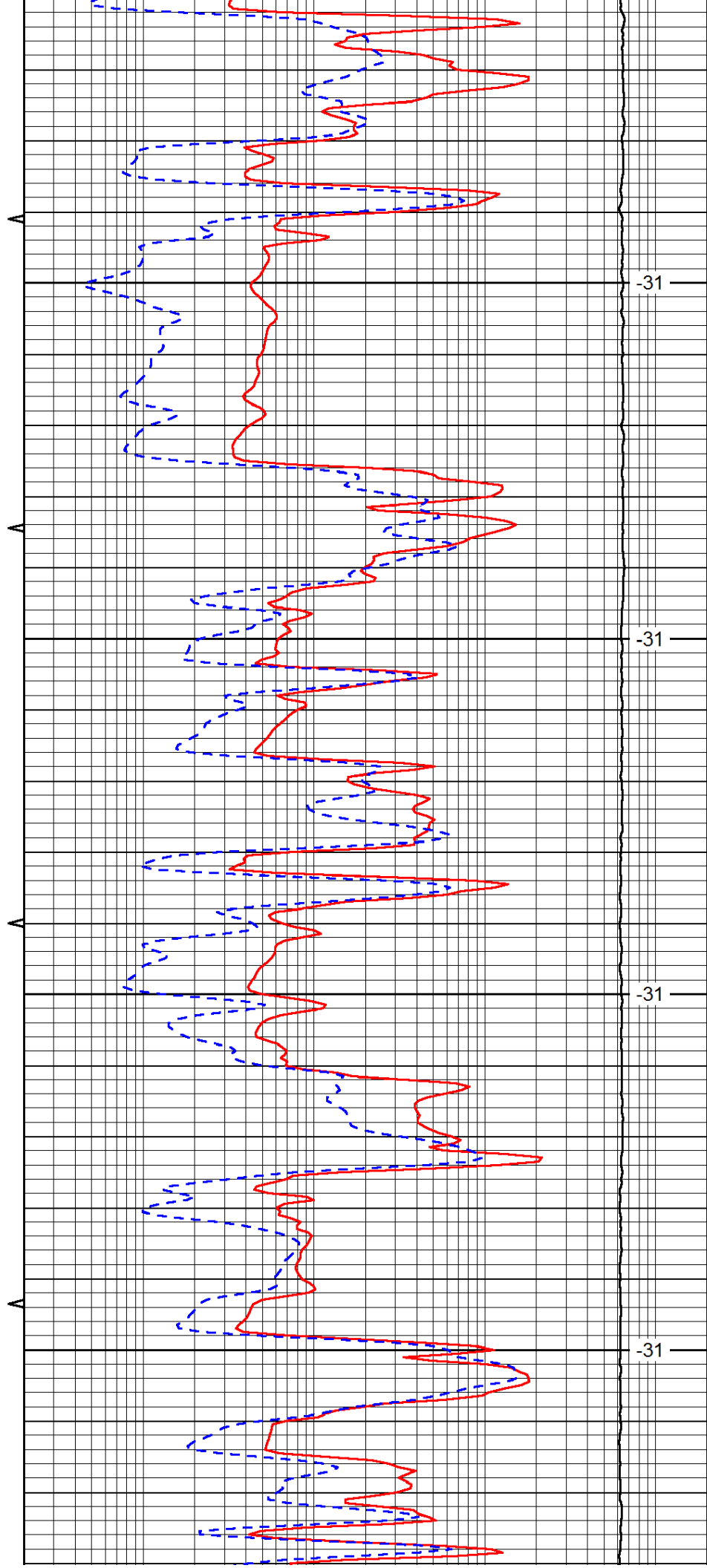


4150

4200

4250

4300



-31

-31

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-31

