



Radiation Guard Log

DIGITAL LOG (785) 625-3858

API No.	15-135-24,952-00-00		
Company	Northern Lights Oil Co., Inc.		
Well	Harms Kendall 'N' No. 1		
Field	Bright		
County	Ness	State	Kansas
Location	2310' FSL & 2310' FWL NE NE SW		Other Services None
Sec: 10	Twp: 16S	Rge: 21W	

Permanent Datum	Ground Level	Elevation 2301	K.B. 2306
Log Measured From	Kelly Bushing	5 Ft. Above Perm. Datum	D.F. 2301
Drilling Measured From	Kelly Bushing		G.L. 2301
Date	09/14/2009		
Run Number	One		
Depth Driller	4260		
Depth Logger	4260		
Bottom Logged Interval	4259		
Top Log Interval	250		
Casing Driller	8.625 @ 259		
Casing Logger	258		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	2.000		
Density / Viscosity	9.2 53		
pH / Fluid Loss	10.0 9.6		
Source of Sample	Flowline		
Rm @ Meas. Temp	1.5 @ 70		
Rmf @ Meas. Temp	1.12 @ 70		
Rmc @ Meas. Temp	2.02 @ 70		
Source of Rmf / Rmc	Charts		
Rm @ BHT	.87 @ 121		
Operating Rig Time	2 Hours		
Max Rec. Temp. F	121		
Equipment Number	10		
Location	Hays		
Recorded By	Jason Wellbrock		
Witnessed By	Jeff Christian		

<<< Fold Here >>>

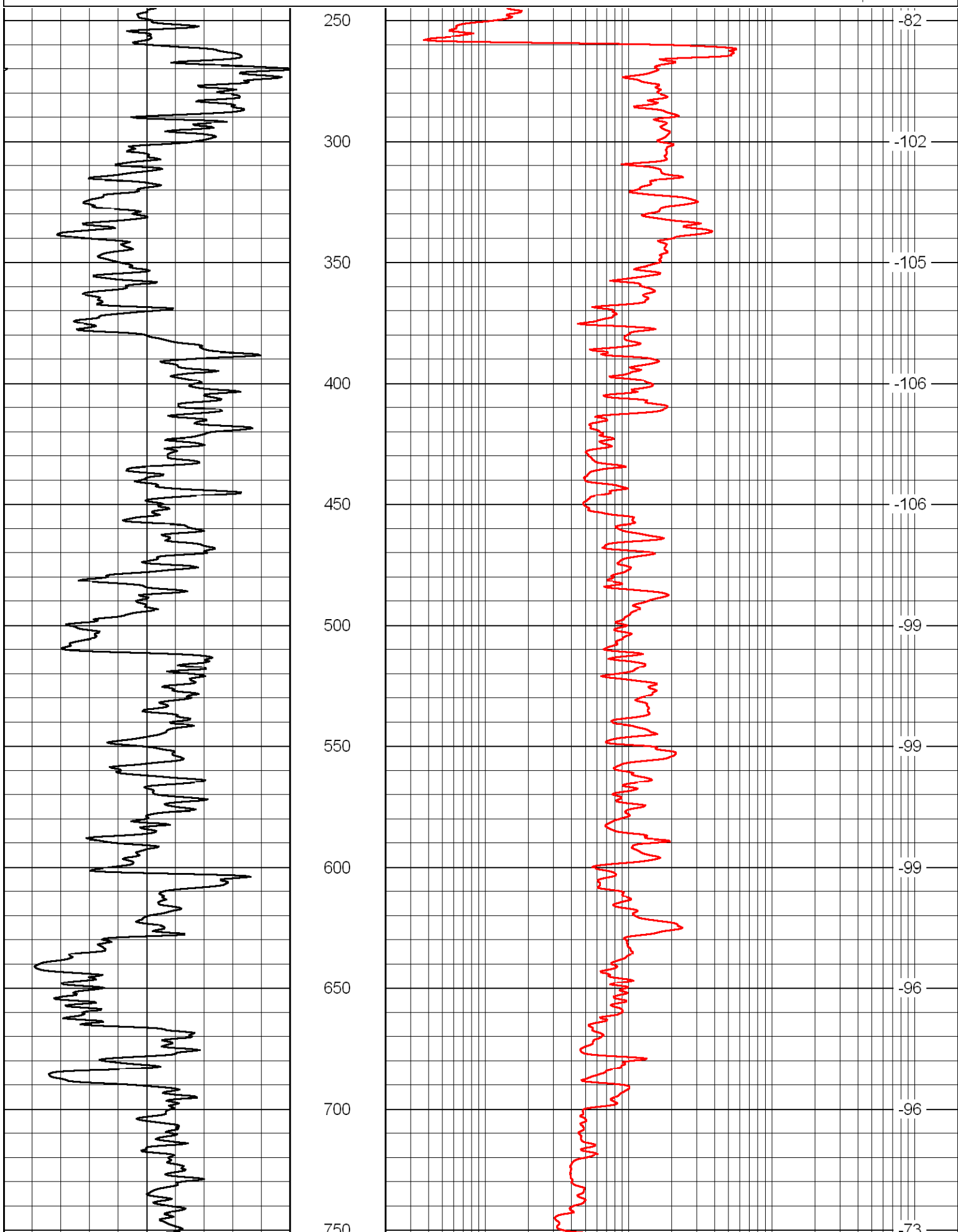
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

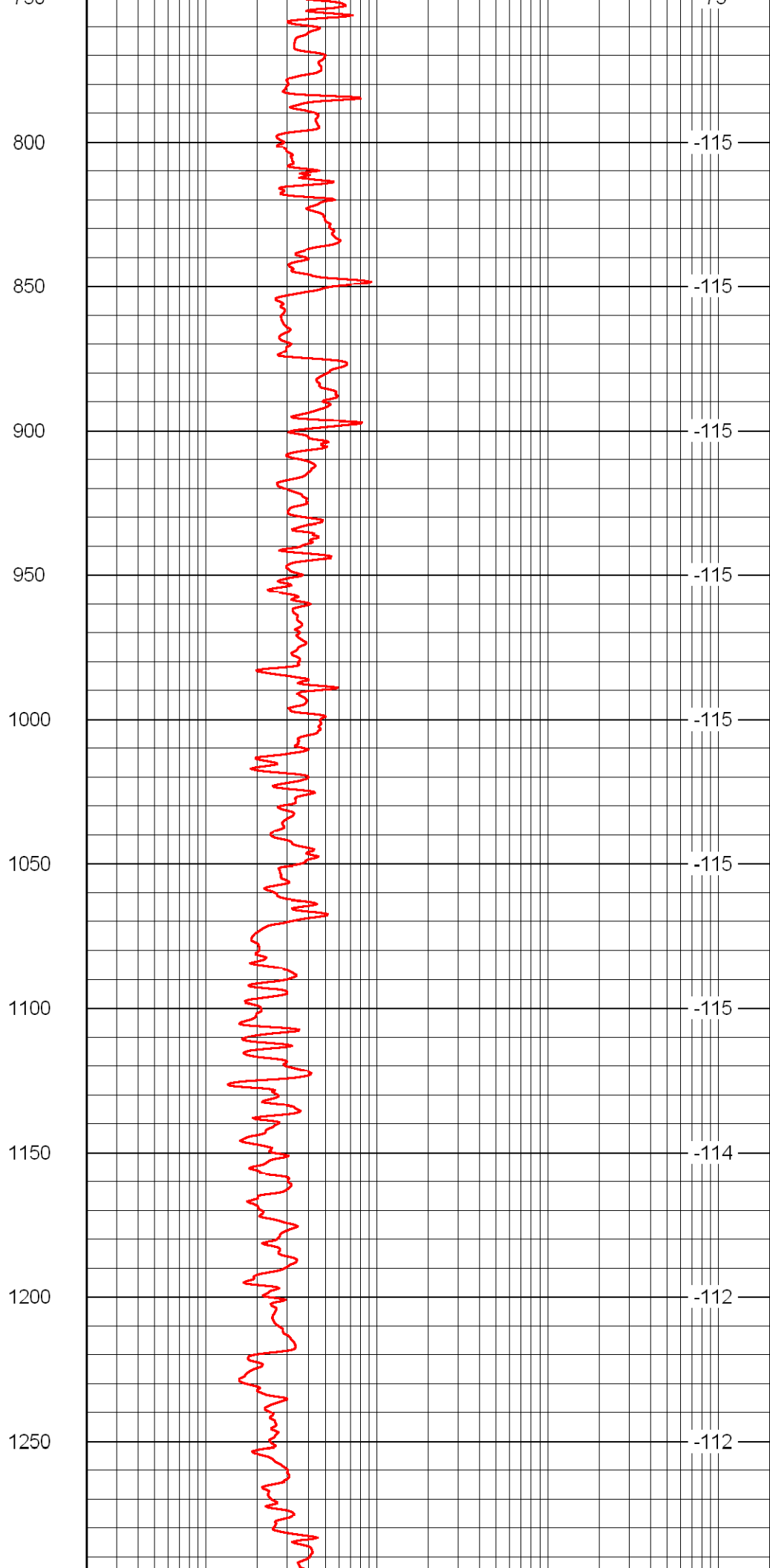
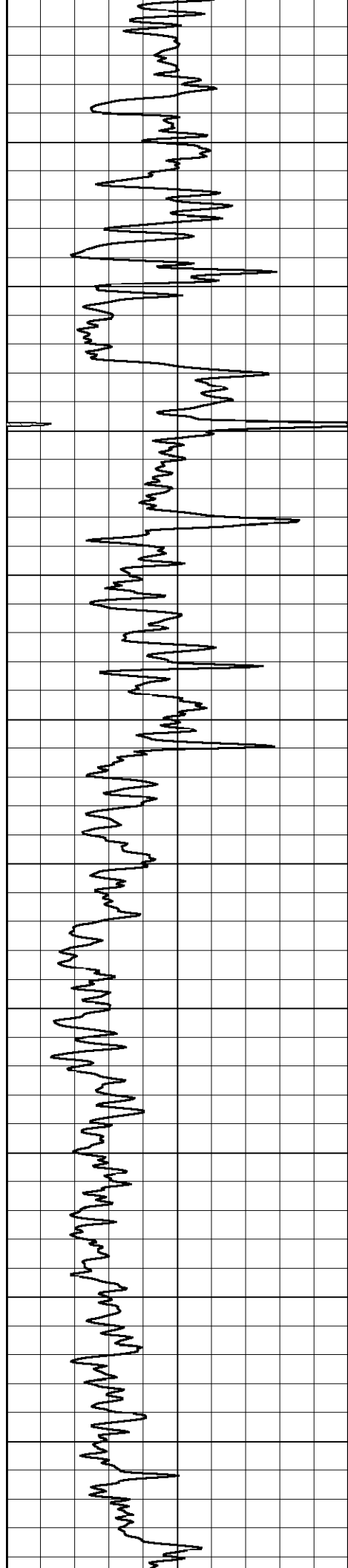
Comments

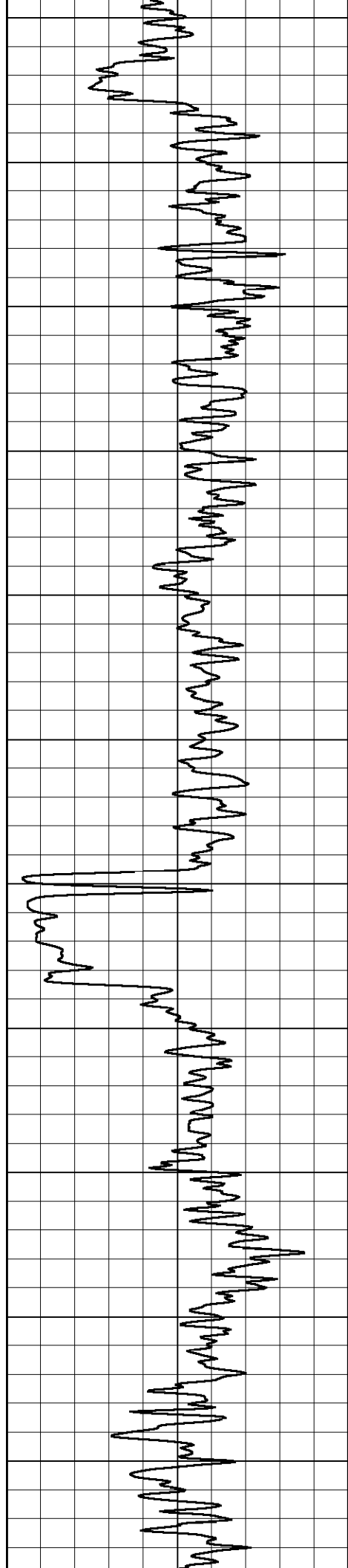
Thank you for using Log-Tech, Inc.
(785) 625-3858

McCracken and Highway 4, W to GGrd, 2 N, E Into

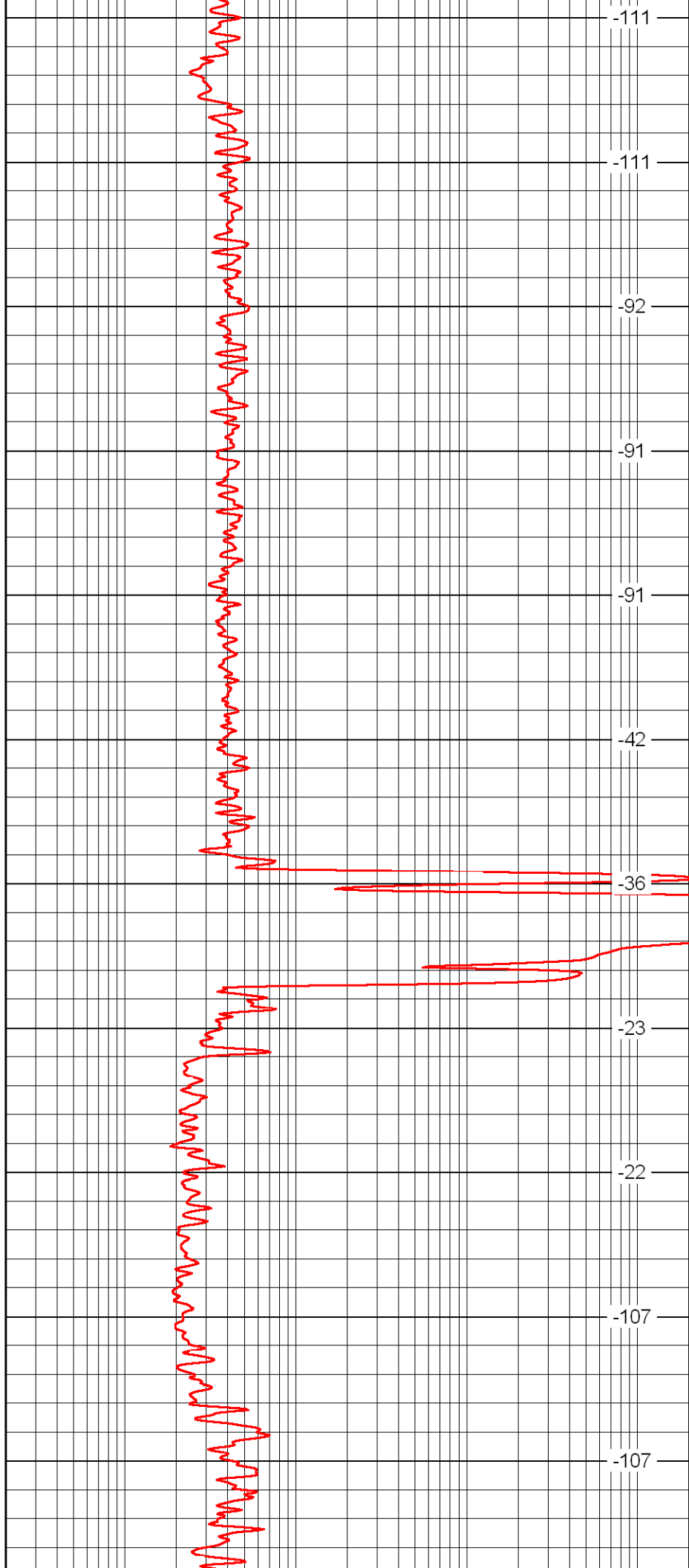
LSPD
(ft/min)



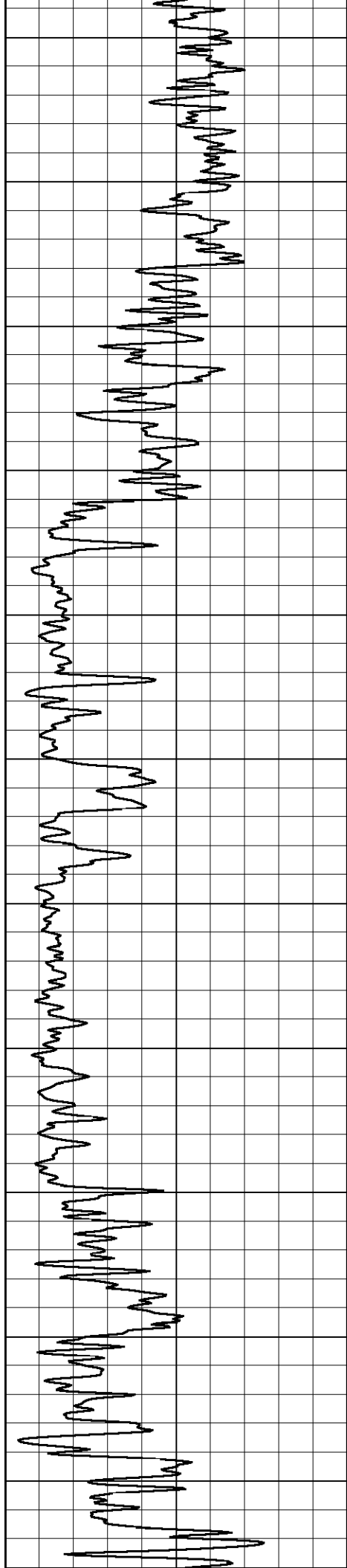




1300
1350
1400
1450
1500
1550
1600
1650
1700
1750
1800



-111
-111
-92
-91
-91
-42
-36
-23
-22
-107
-107



1850

1900

1950

2000

2050

2100

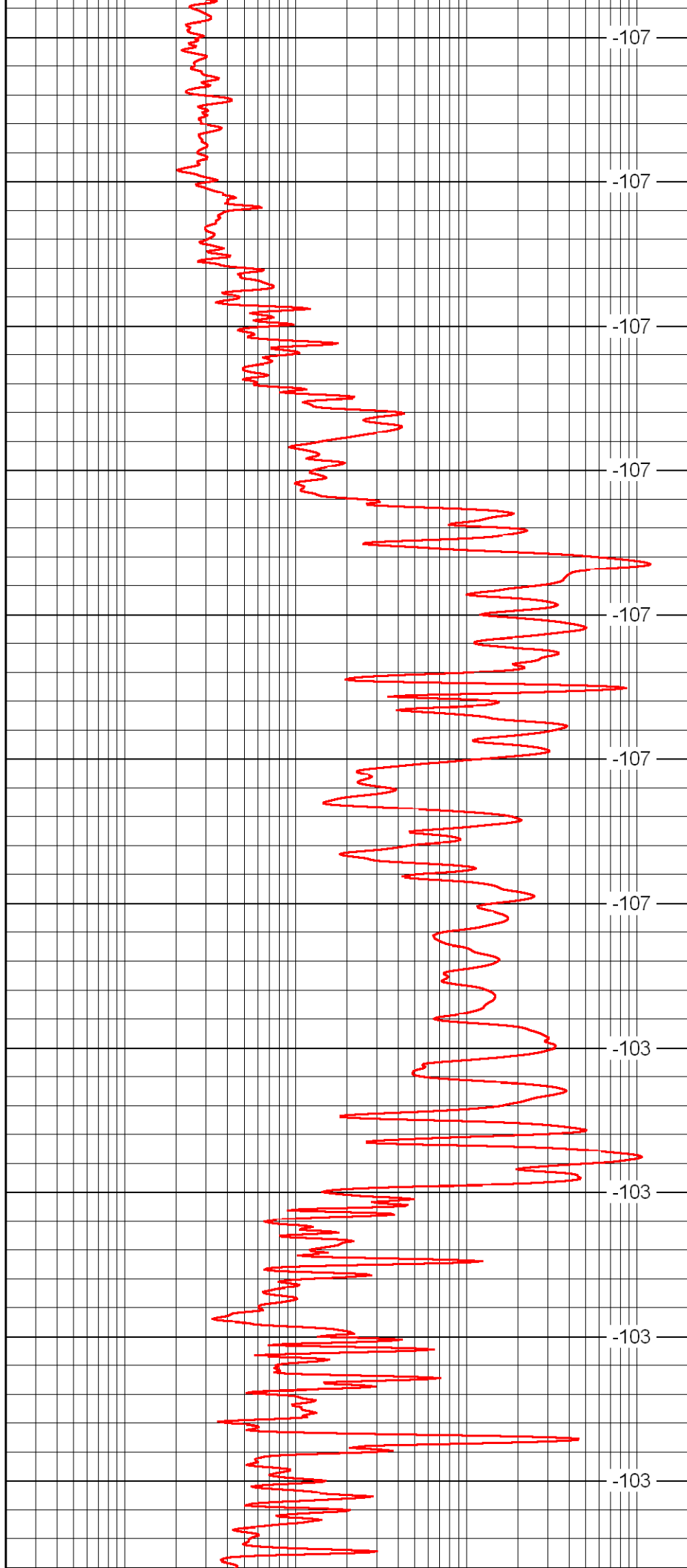
2150

2200

2250

2300

2350



-107

-107

-107

-107

-107

-107

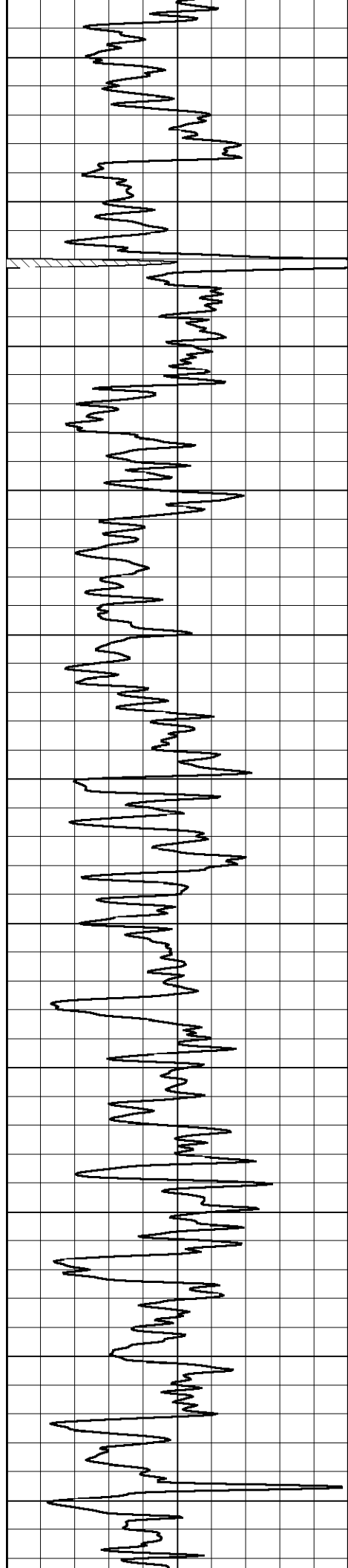
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-103

-103

-103

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2400

2450

2500

2550

2600

2650

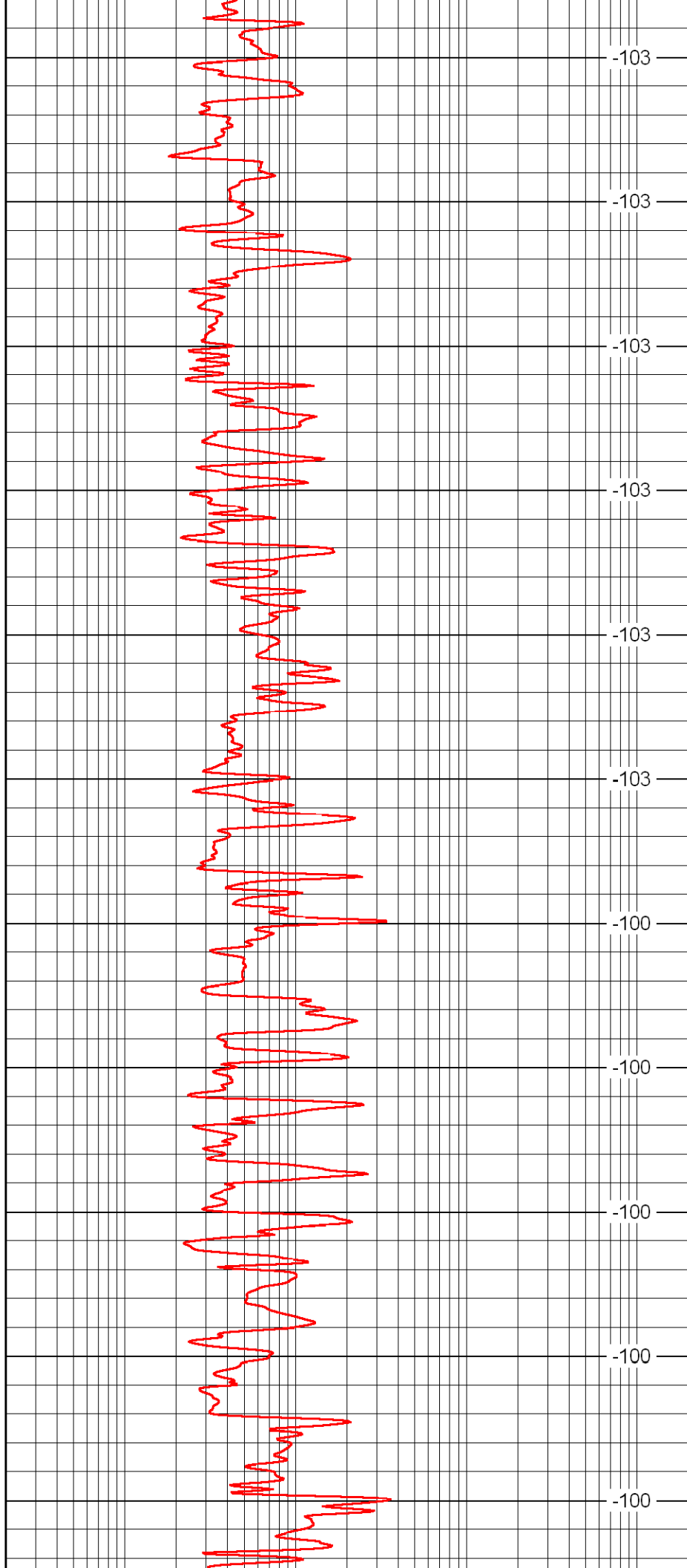
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2750

2800

2850

2900



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-103

-103

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-103

-103

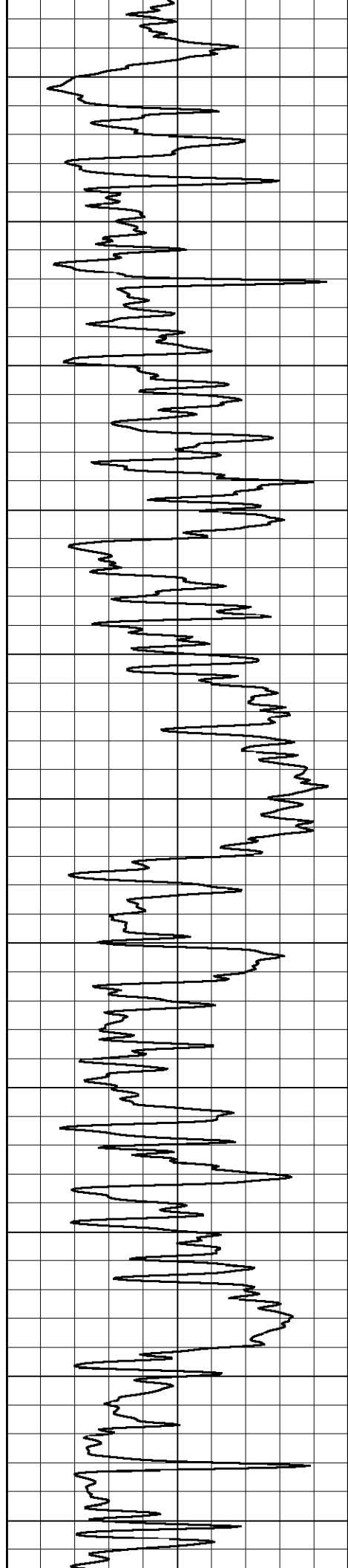
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2950

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3050

3100

3150

3200

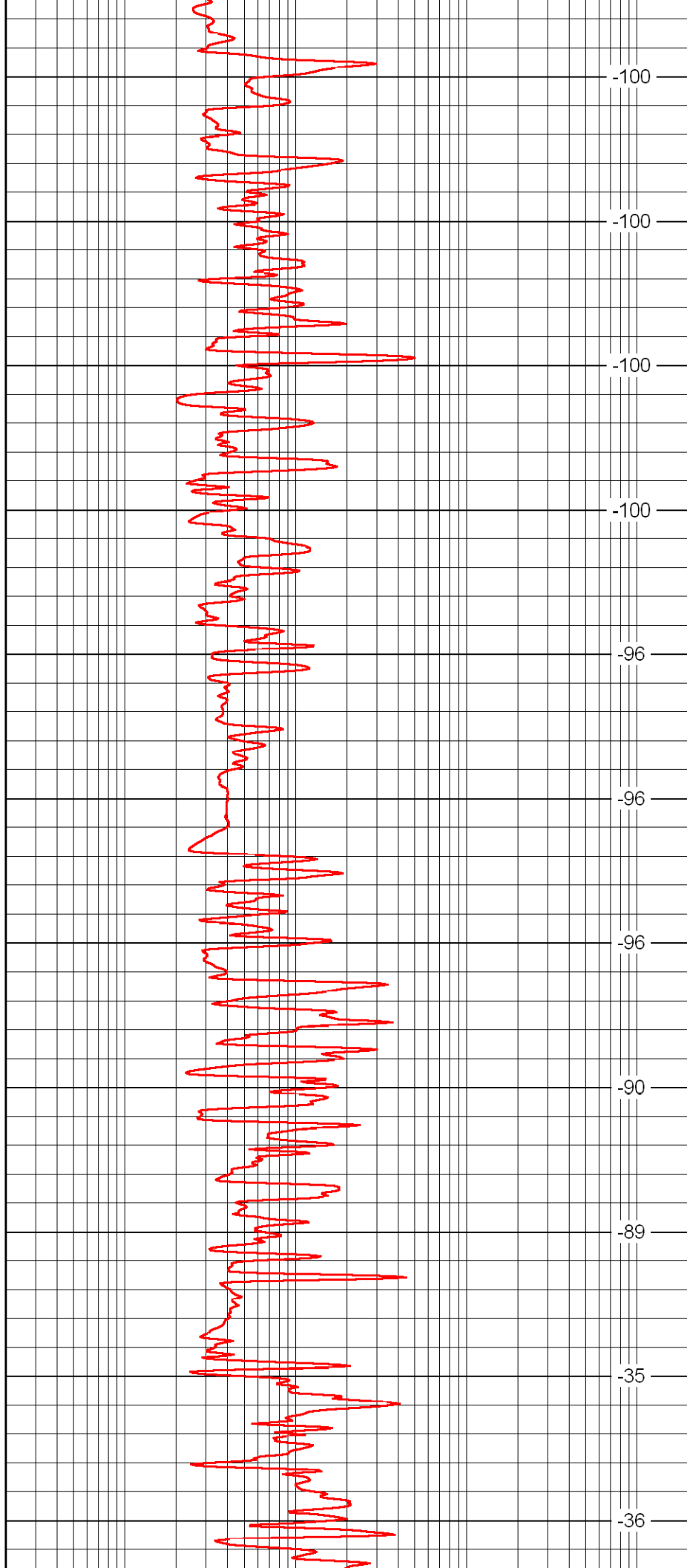
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3350

3400

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-100

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-100

-96

-96

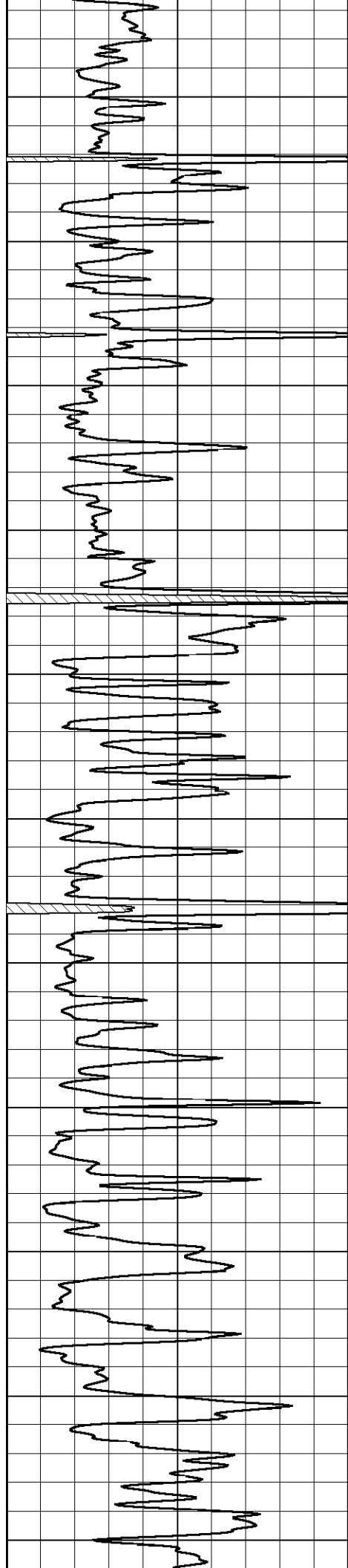
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3500

3550

3600

3650

3700

3750

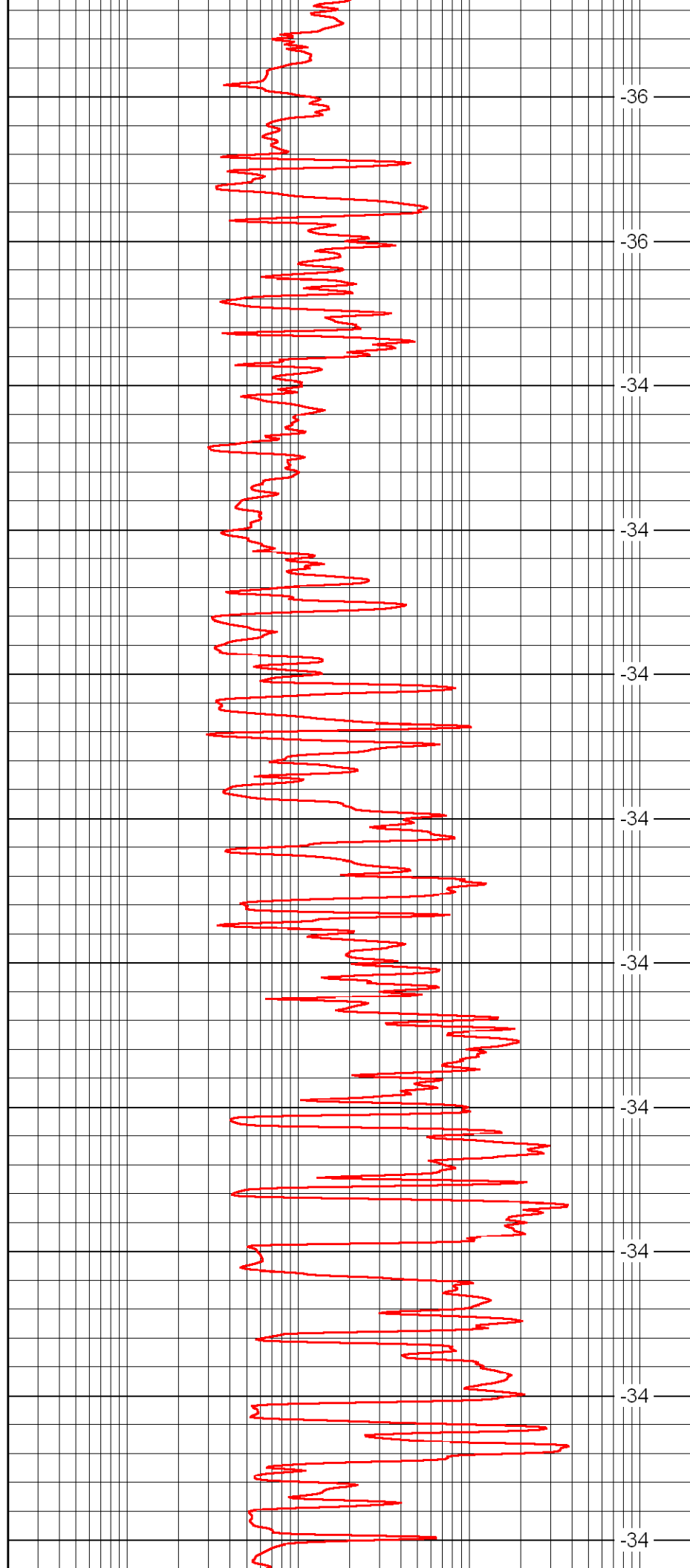
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3850

3900

3950

4000



-36

-36

-34

-34

-34

-34

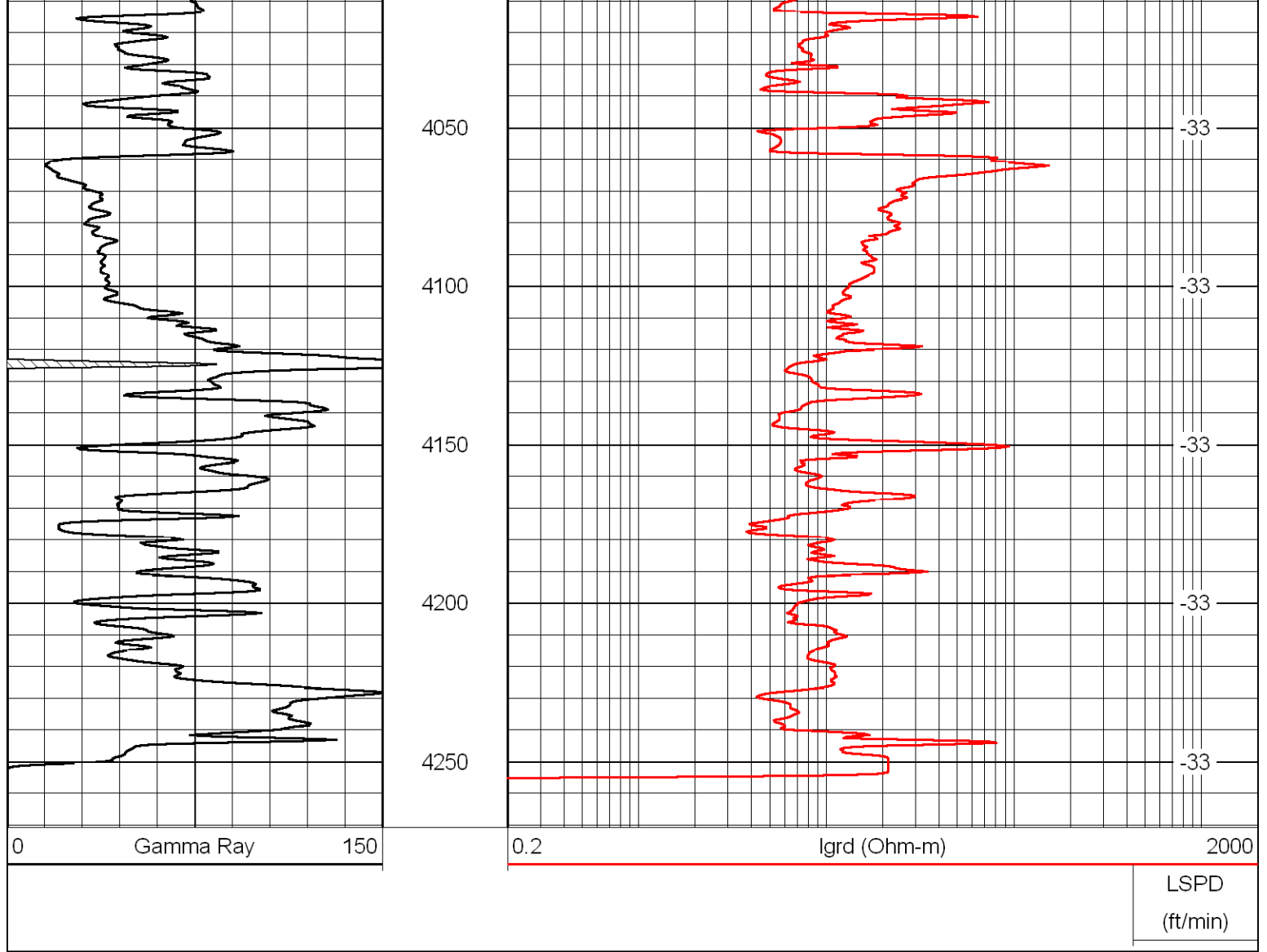
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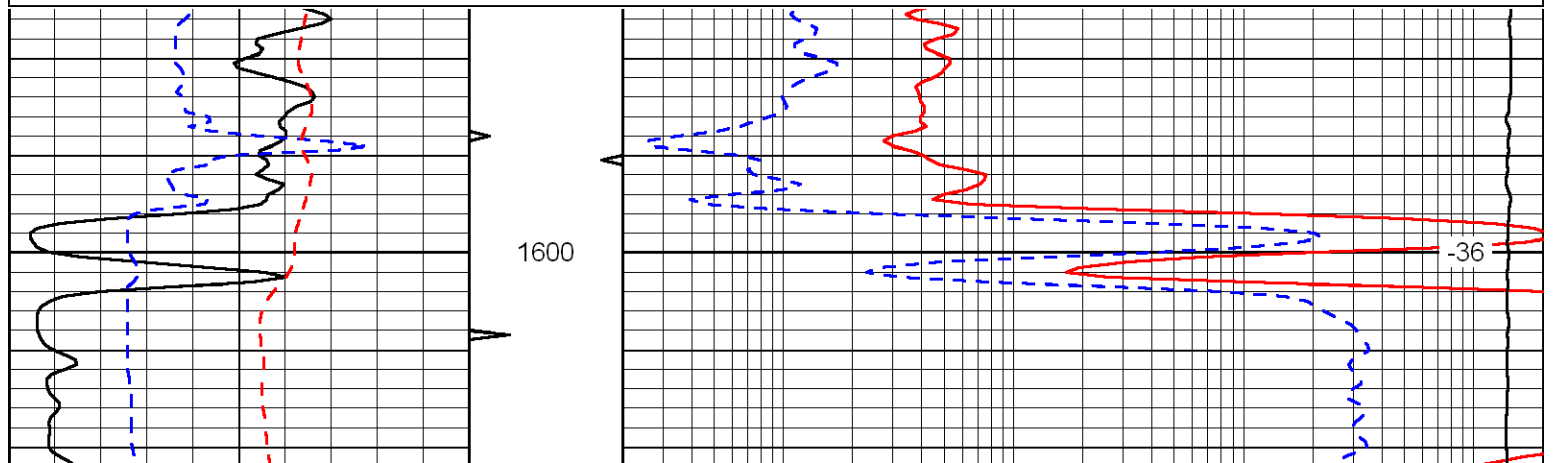
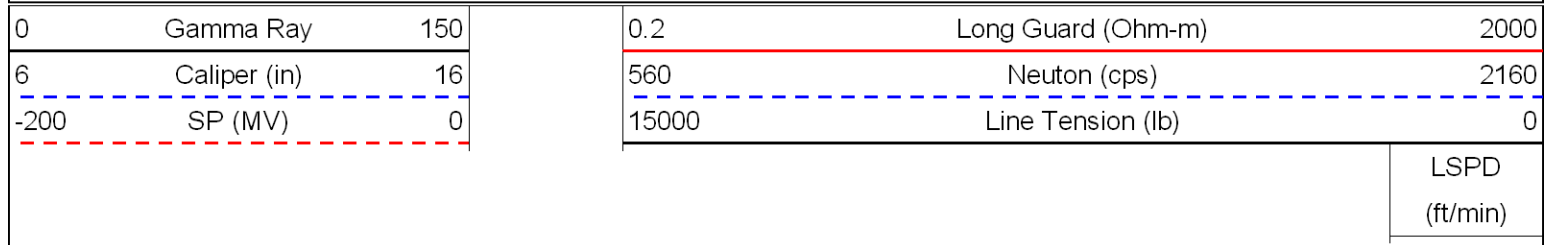
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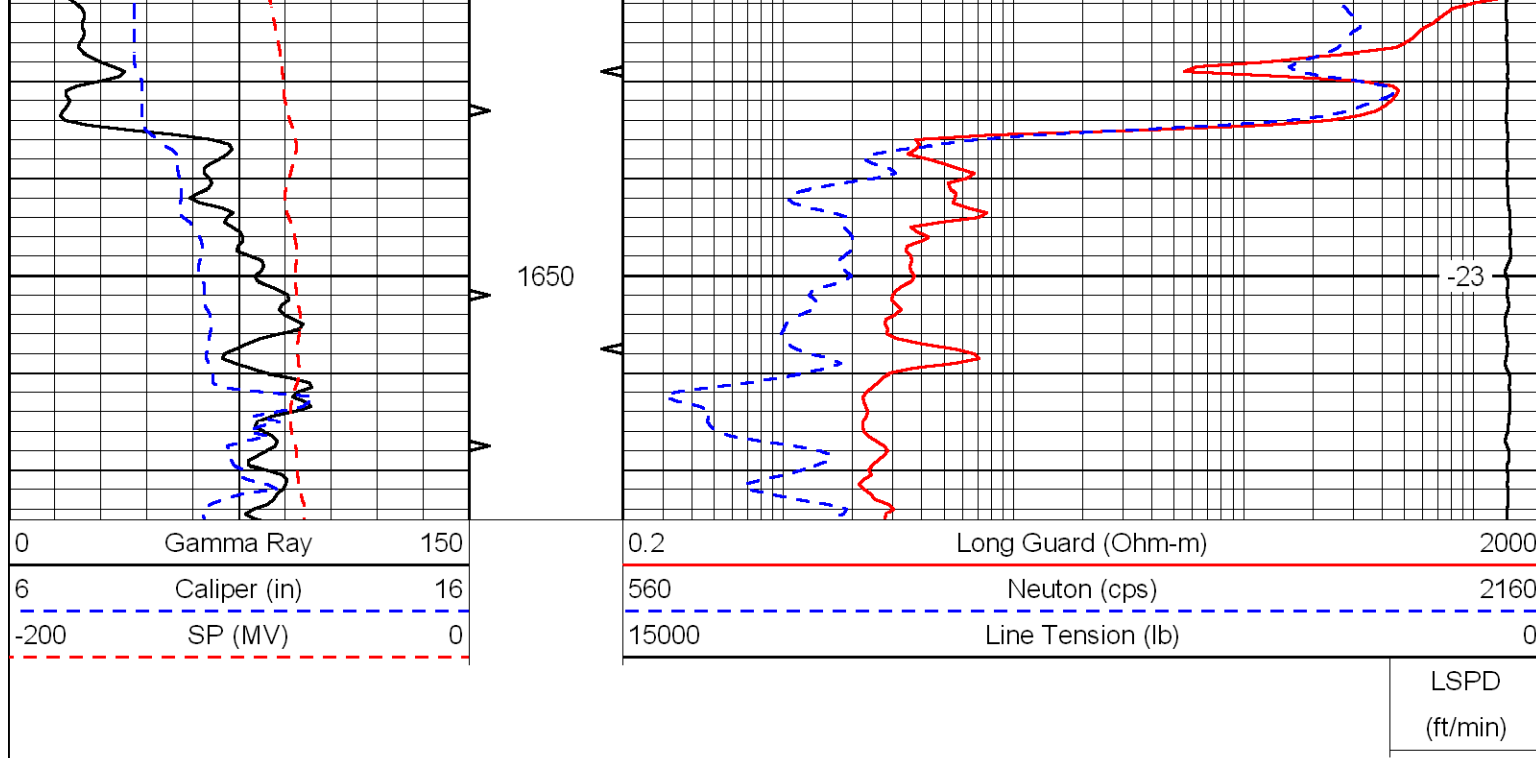
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Database File: c:\warrior\data\northern lights_harms kendall 'n' no. 1\northernhd.db
 Dataset Pathname: rag/rag2in
 Presentation Format: rag
 Dataset Creation: Mon Sep 14 11:28:27 2009
 Charted by: Depth in Feet scaled 1:240





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