



Pioneer Energy Services

Radiation Guard Log

15-115-19,296-00-01

API No.

Company **Te-Pe Oil & Gas**
 Well **Hannaford #3 OWWO**
 Field **Fairplay**
 County **Marion** State **Kansas**

Location **990' FNL & 990' FWL**

Sec: **36** Twp: **21S** Rge: **4E**

Other Services
NONE

Permanent Datum **Ground Level** Elevation **1419**
 Log Measured From **Kelly Bushing** **6** Ft. Above Perm. Datum
 Drilling Measured From **Kelly Bushing**

Elevation
 K.B. **1425**
 D.F. **1419**
 G.L. **1419**

Date	7/12/2013	
Run Number	One	
Depth Driller	3186	
Depth Logger	3184	
Bottom Logged Interval	3183	
Top Log Interval	150	
Casing Driller	8.625 @ 165	
Casing Logger	168	
Bit Size	7.875	
Type Fluid in Hole	Chemical	
Salinity, ppm CL	6.900	
Density / Viscosity	9.4 48	
pH / Fluid Loss	9.0 14.8	
Source of Sample	Flowline	
Rm @ Meas. Temp	.54 @ 76	
Rmf @ Meas. Temp	.41 @ 76	
Rmc @ Meas. Temp	.73 @ 76	
Source of Rmf / Rmc	Charts	
Rm @ BHT	.38 @ 108	
Operating Rig Time	2 Hours	
Max Rec. Temp. F	108	
Equipment Number	17	
Location	Hays	
Recorded By	C. Desai	
Witnessed By	Terry Bandy	

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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.pioneerenergy.com
 785 625 3858

Florence KS, 3 S on Hwy 77 to 80th Rd,
 1 3/4 W, S Into

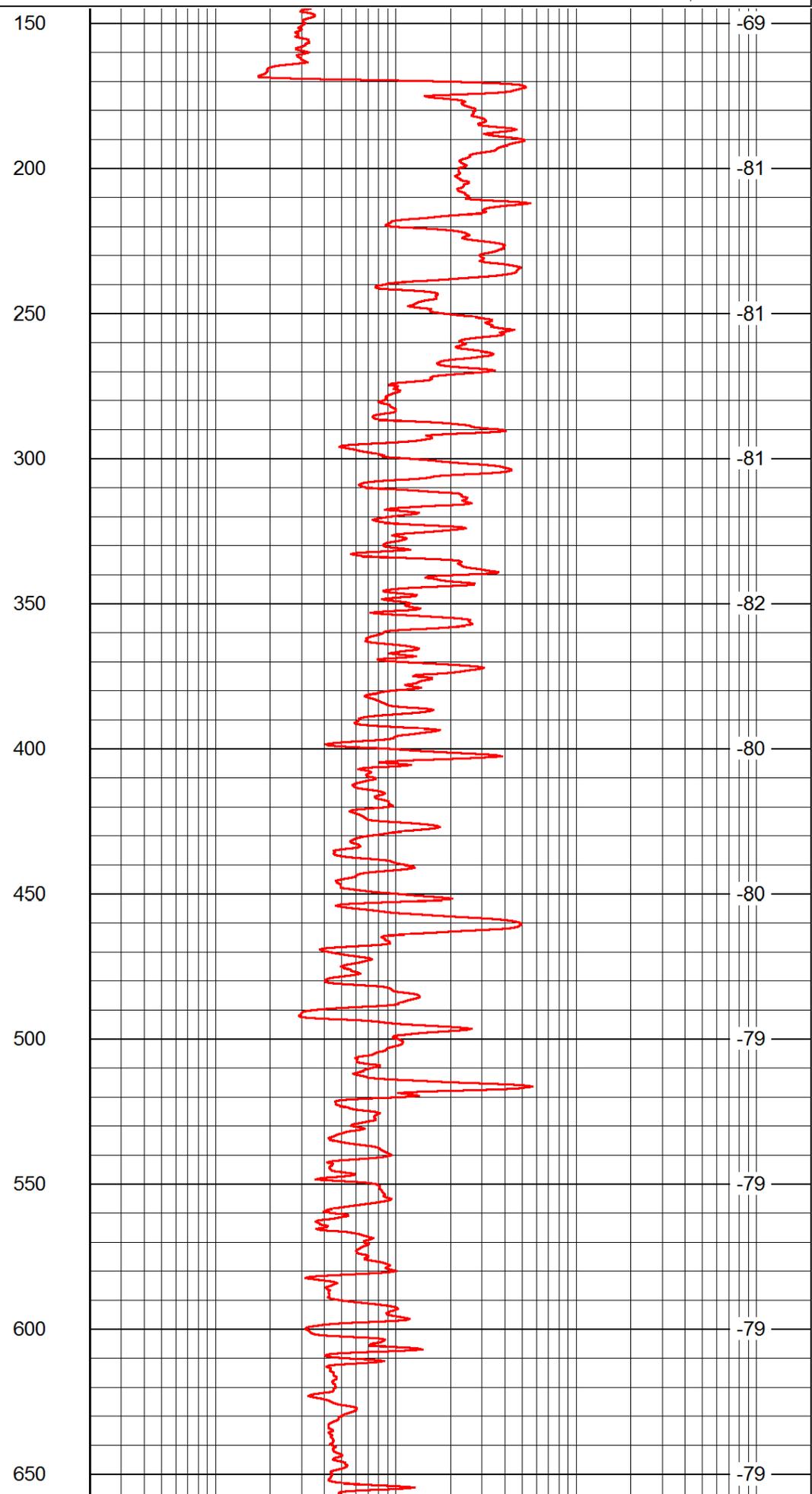
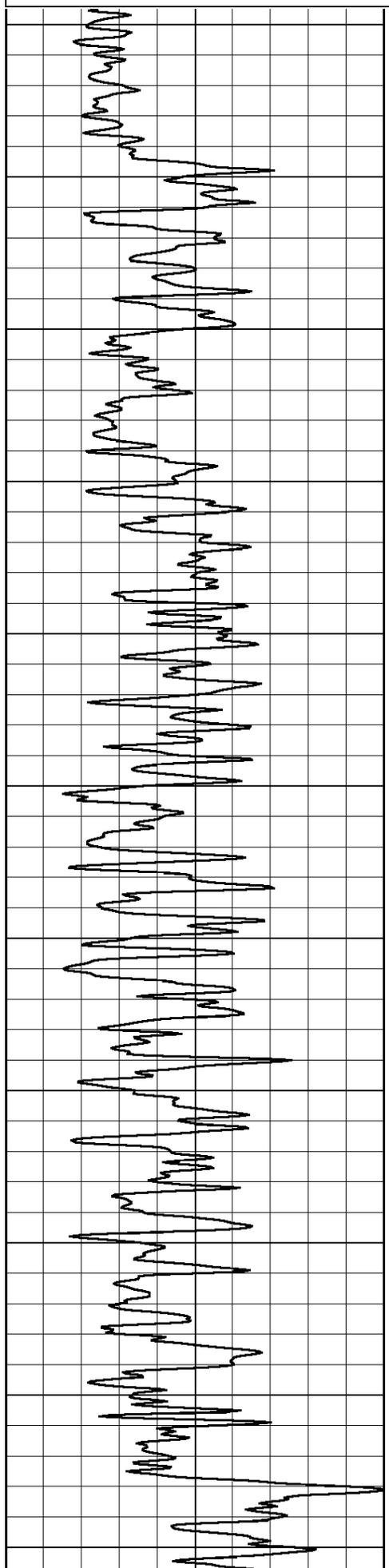
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 Dataset Creation: Fri Jul 12 06:53:43 2013
 Charted by: Depth in Feet scaled 1:600

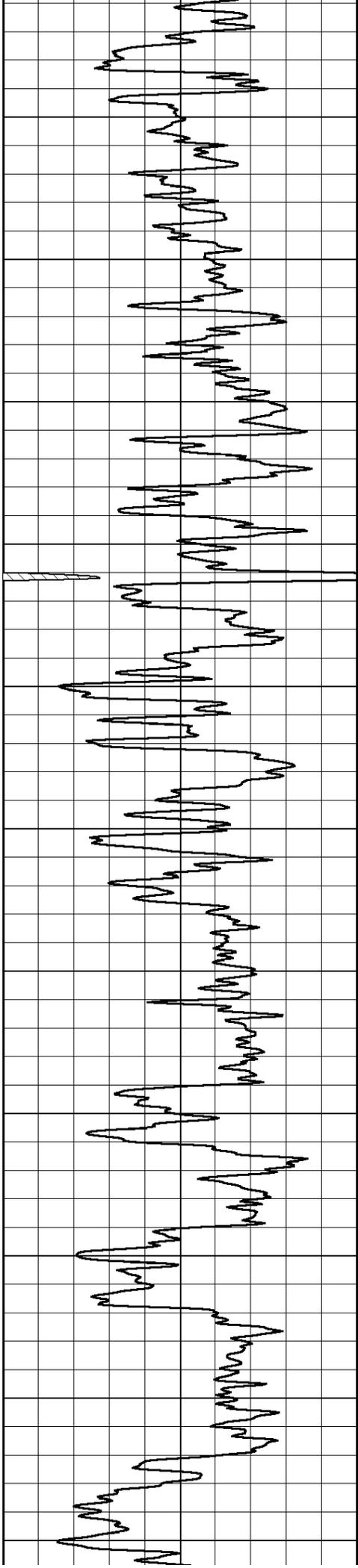
0 Gamma Ray 150

0.2 lgrd

2000

LSPD





700

750

800

850

900

950

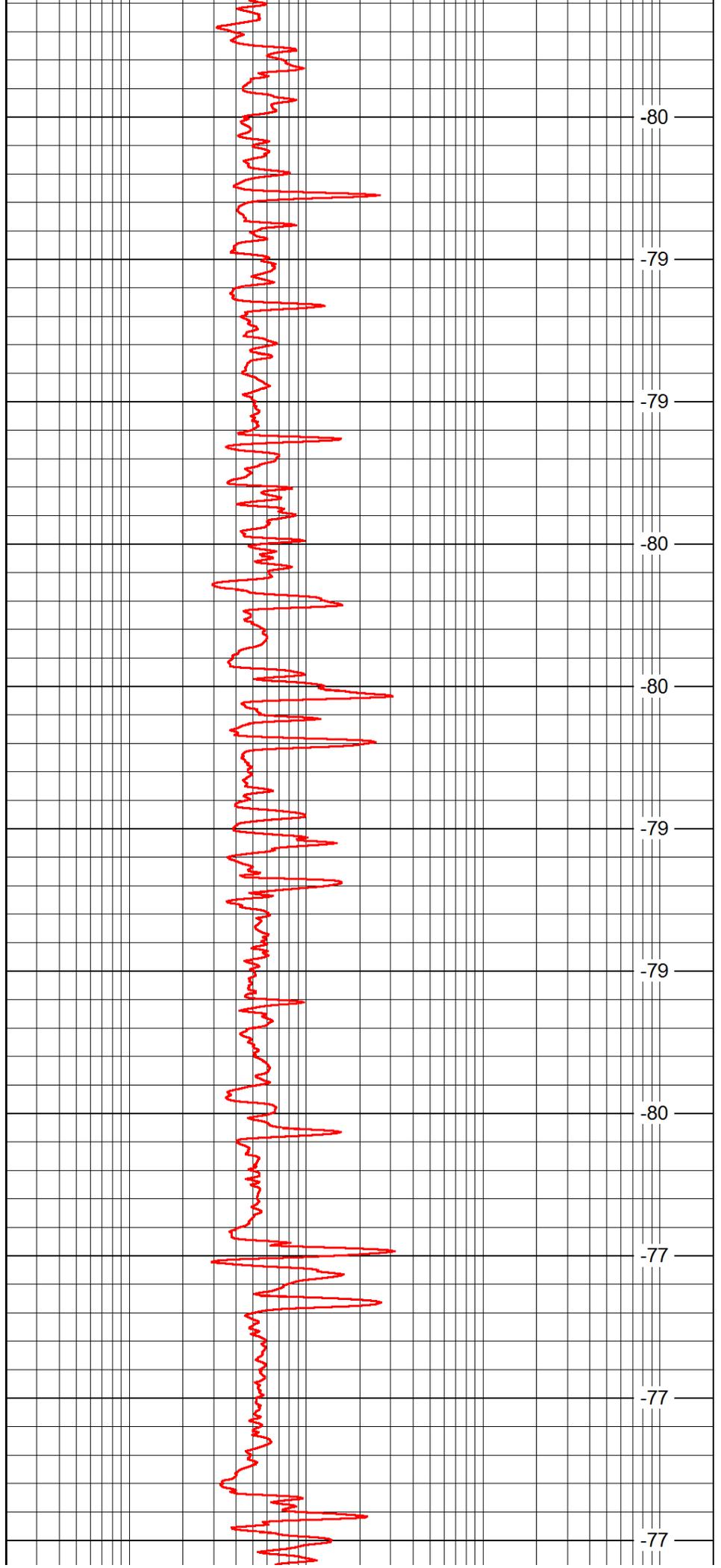
1000

1050

1100

1150

1200



-80

-79

-79

-80

-80

-79

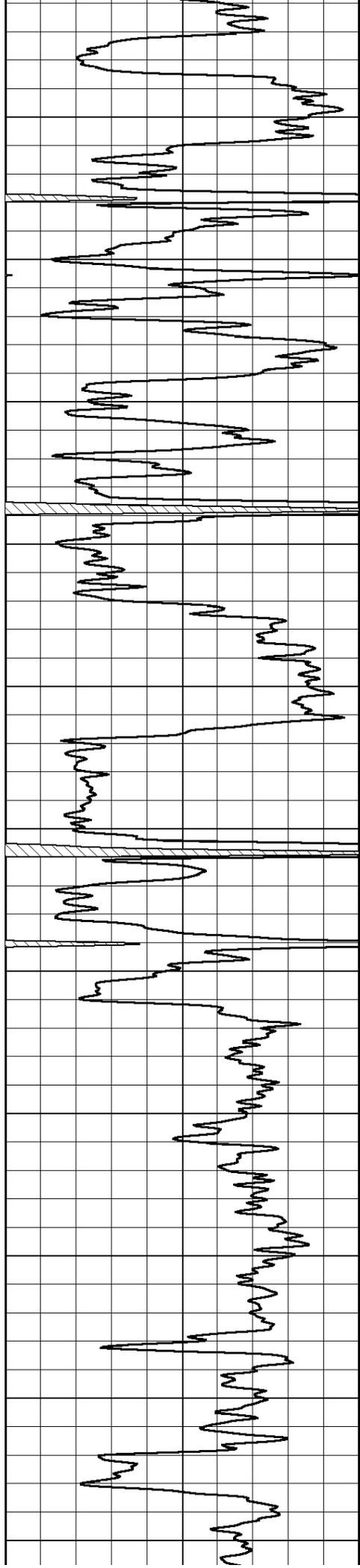
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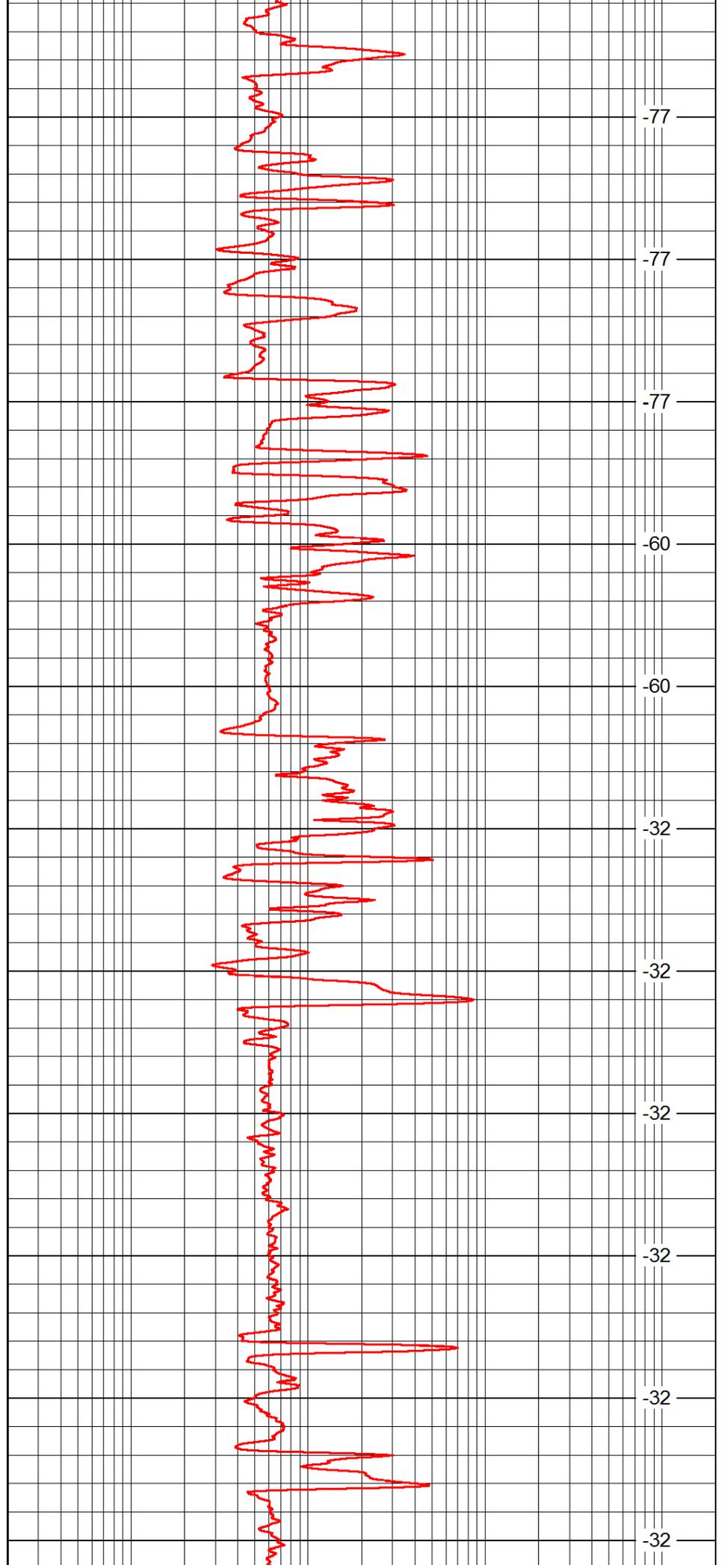
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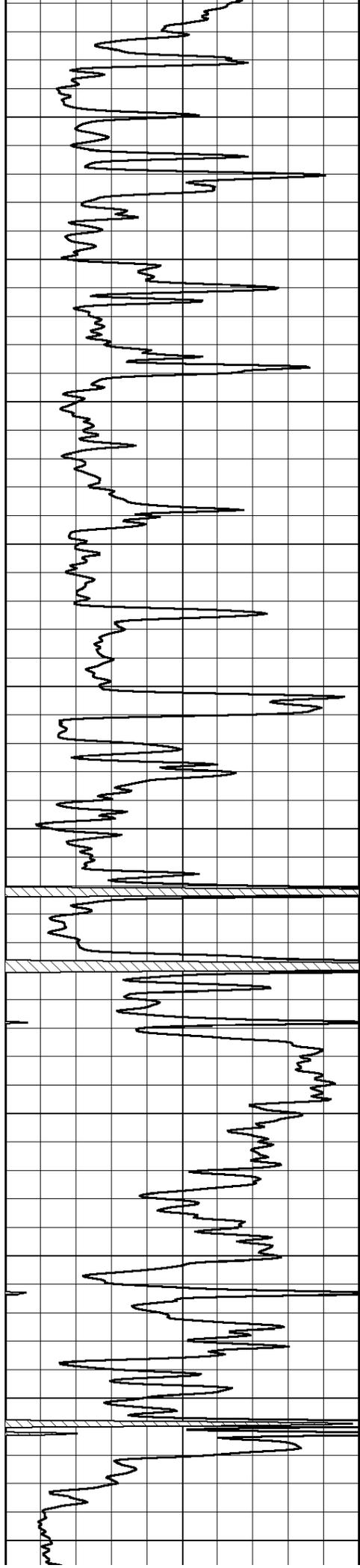
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1250
1300
1350
1400
1450
1500
1550
1600
1650
1700
1750



-77
-77
-77
-60
-60
-32
-32
-32
-32
-32
-32



1800

1850

1900

1950

2000

2050

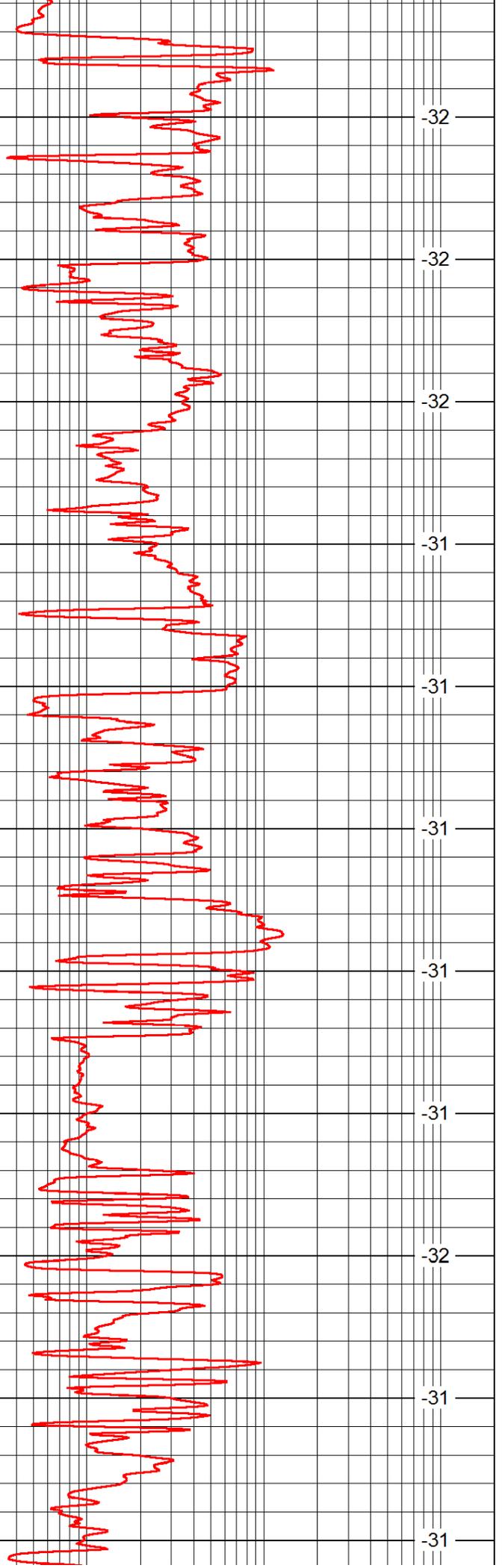
2100

2150

2200

2250

2300



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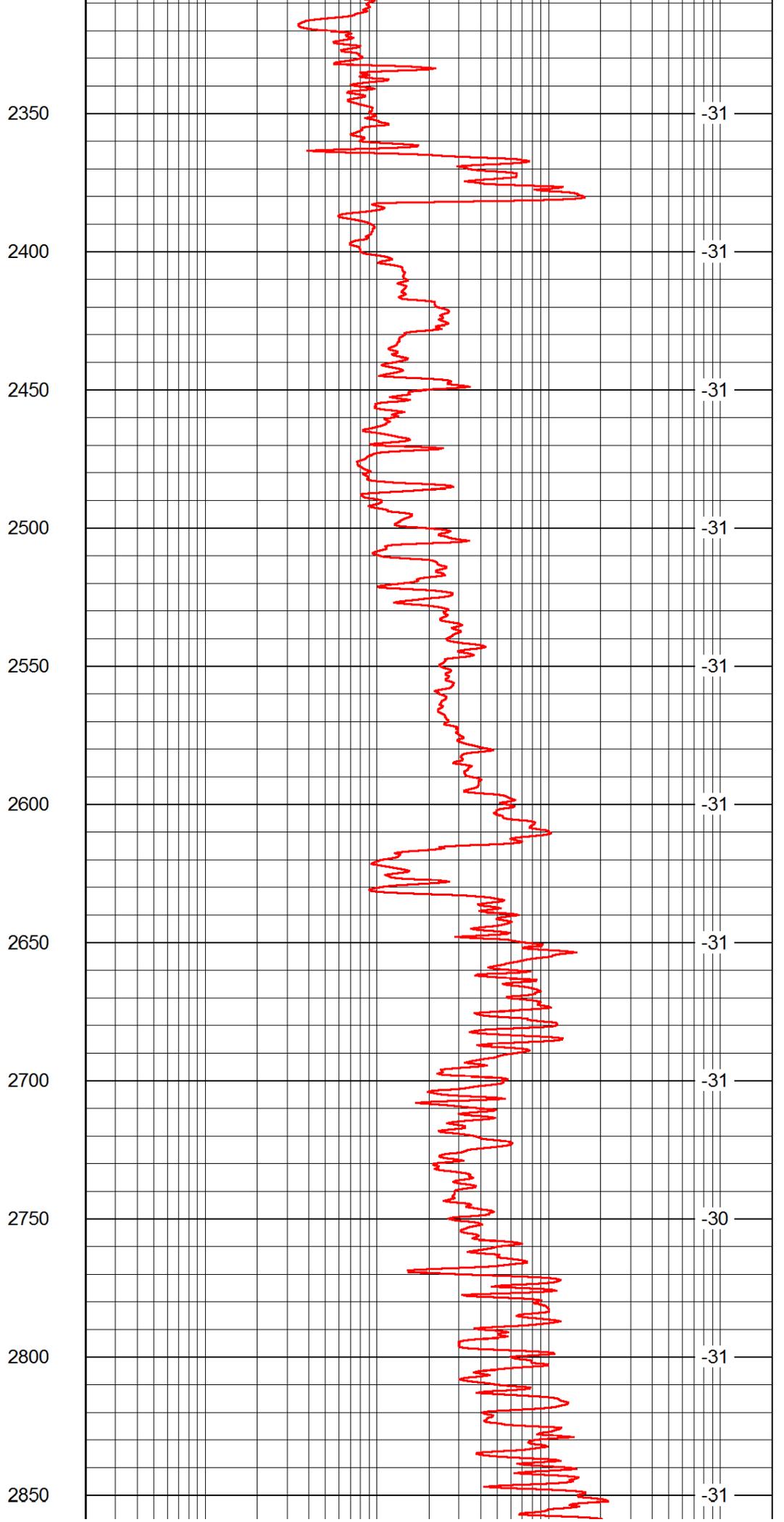
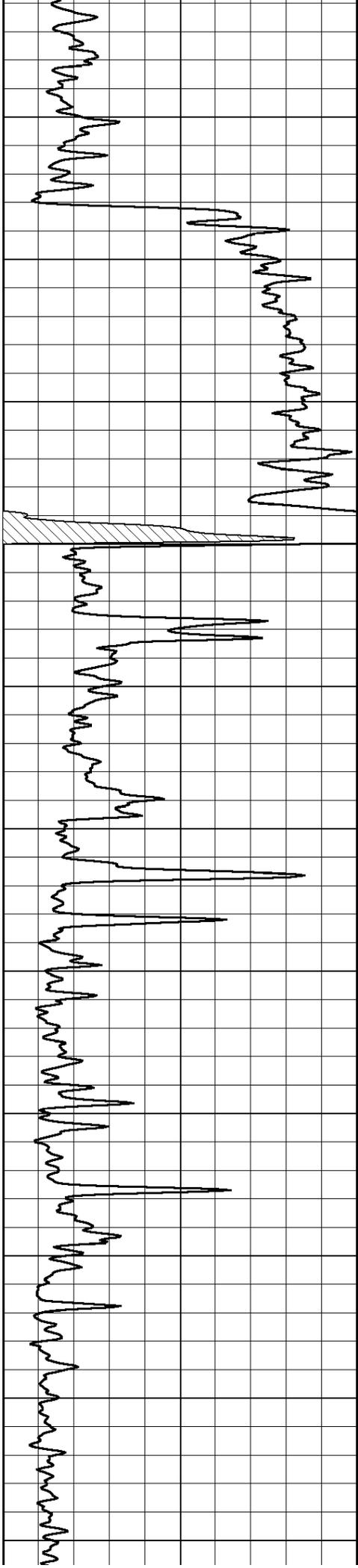
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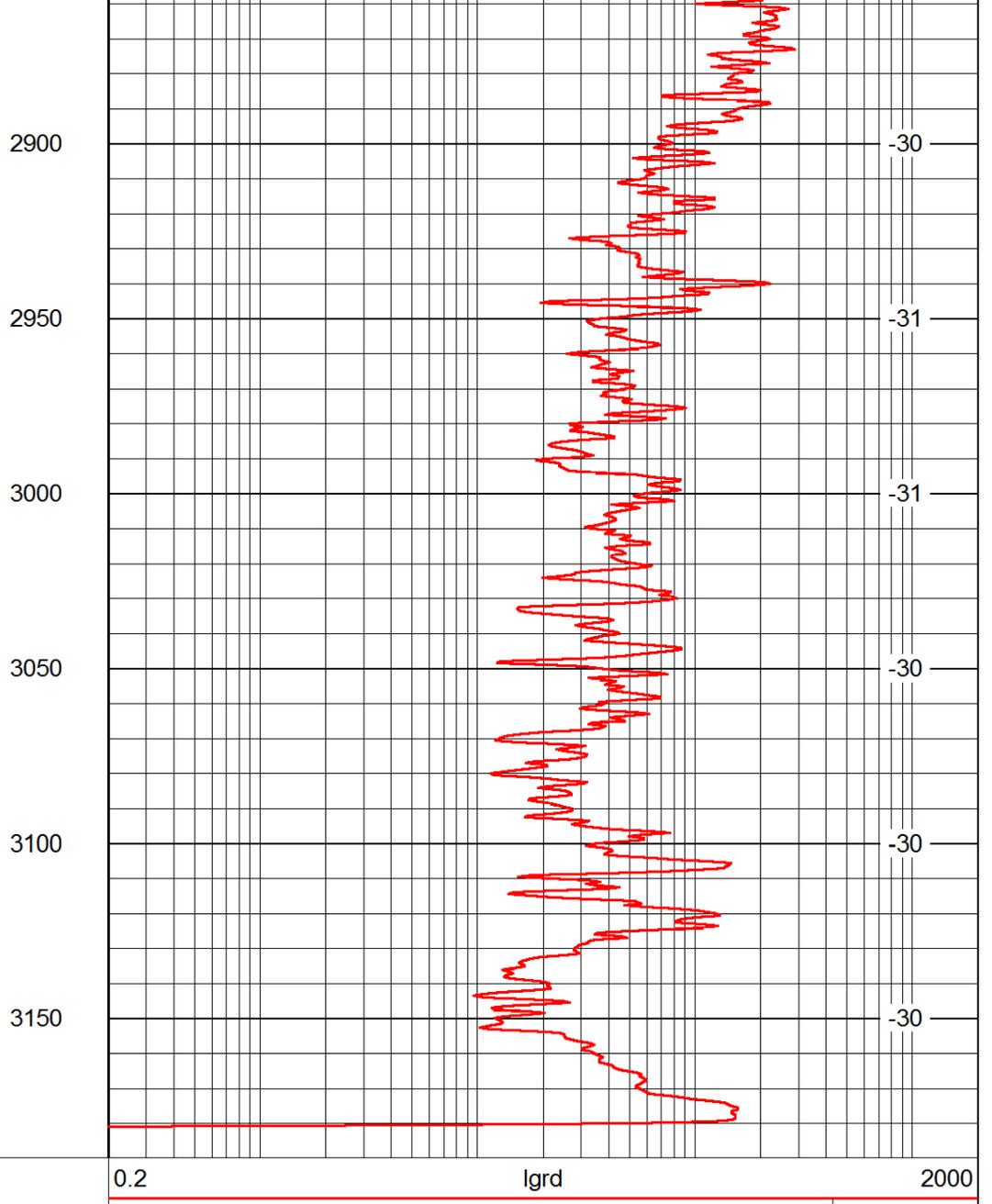
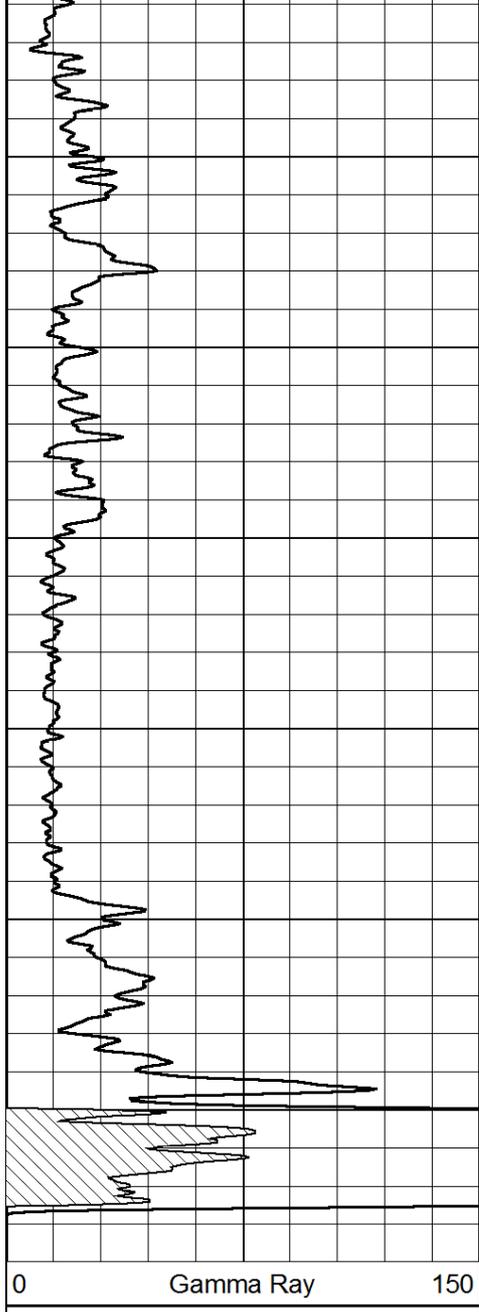
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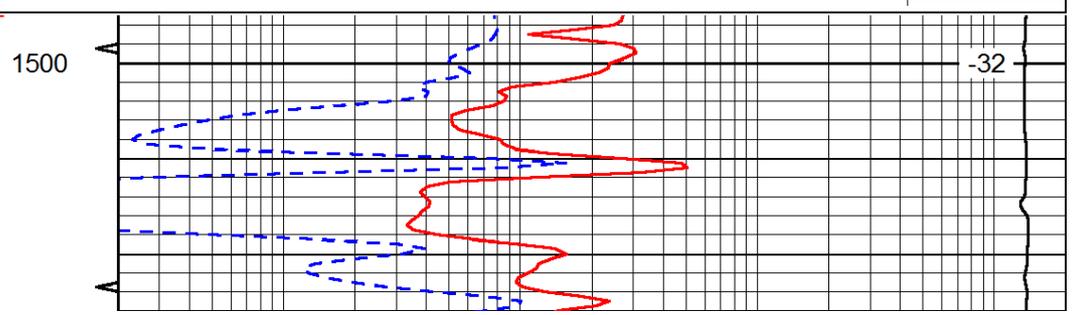
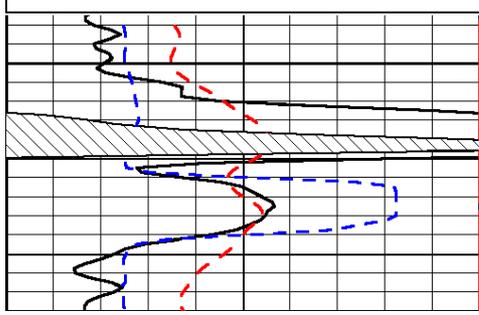
LSPD

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

0.2	Long Guard	2000
560	Neutron	2160
15000	Line Tension	0

LSPD



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