

Company FOSSIL ENERGY, LLC. Well ROPA UNIT NO. 1 Field WILDCAT County ELLSWORTH State KANSAS		Company FOSSIL ENERGY, LLC. Well ROPA UNIT NO. 1 Field WILDCAT County ELLSWORTH State KANSAS	
Location: API #: 15-053-21,333-00-00 1,432' FSL & 1,736' FEL SEC 4 TWP 16S RGE 10W		Other Services NONE	
Permanent Datum Log Measured From Drilling Measured From	GROUND LEVEL KELLY BUSHING KELLY BUSHING		Elevation 1792' K.B. 1798' D.F. N/A G.L. 1792'
Date	8/2/2015		
Run Number	ONE		
Depth Driller	3400'		
Depth Logger	3399'		
Bottom Logged Interval	3398'		
Top Log Interval	350'		
Casing Driller	8.625" @ 370'		
Casing Logger	368'		
Bit Size	7.875"		
Type Fluid in Hole	CHEMICAL		
Salinity, ppm CL	8000		
Density / Viscosity	9.5	50	
pH / Fluid Loss	8.5	10.8	
Source of Sample	Flowline		
Rm @ Meas. Temp	.35	@	86
Rmt @ Meas. Temp	.26	@	86
Rmc @ Meas. Temp	.47	@	86
Source of Rmt / Rmc	Charts		
Rm @ BHT	.27	@	110
Operating Rig Time	2 HOURS		
Max Rec. Temp. F	110		
Equipment Number	108		
Location	Hays		
Recorded By	J. LONG		
Witnessed By	RANDY KILIAN		

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All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Pioneer Wireline Services, LLC will not 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.

Comments

N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.

 WILSON, SOUTH TO N ROAD, 3 EAST TO 4 ROAD, 1/8 NORTH, WEST INTO

Log Measured From: KELLY BUSHING
 6 Ft. Above Permanent Datum

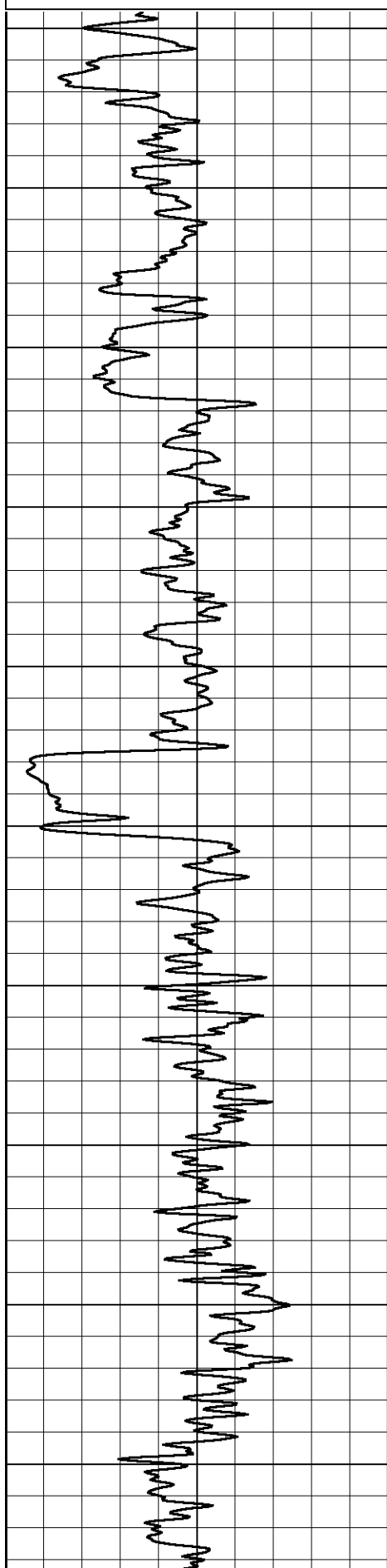
THANK YOU FOR USING PIONEER ENERGY SERVICES
 www.pioneerenergy.com 785-625-3858

Your Pioneer Energy Services Crew
 Engineer: J. LONG
 Operator:
 Operator:
 Operator:

This Log Record Was Witnessed By
 Primary Witness: RANDY KILIAN
 Secondary Witness:
 Secondary Witness:
 Secondary Witness:

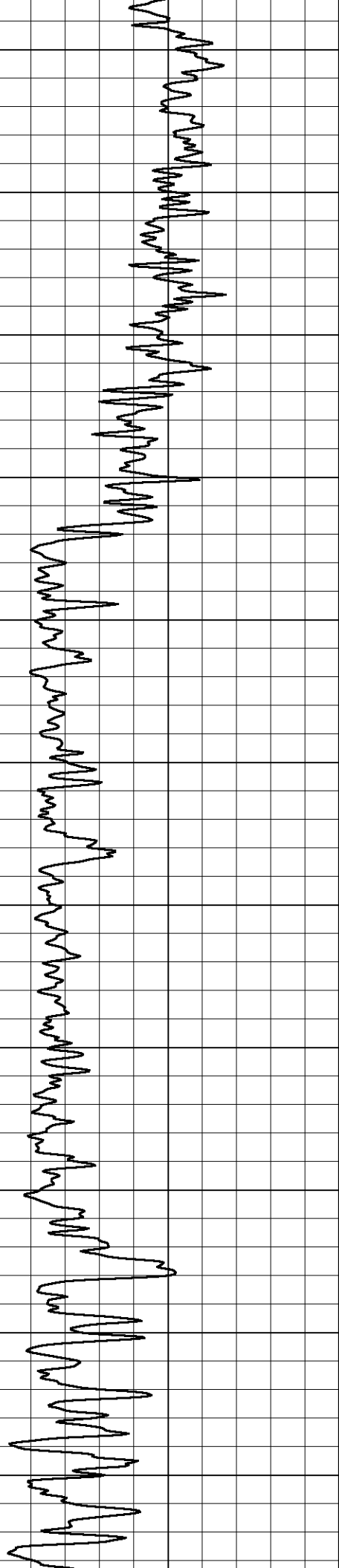
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Dataset Pathname rag/fosstrag
Presentation Format rag2in
Dataset Creation Sun Aug 02 13:16:14 2015
Charted by Depth in Feet scaled 1:600

0 Gamma Ray (GAPI) 150



0.2 lgnd (Ohm-m) 2000





850

900

950

1000

1050

1100

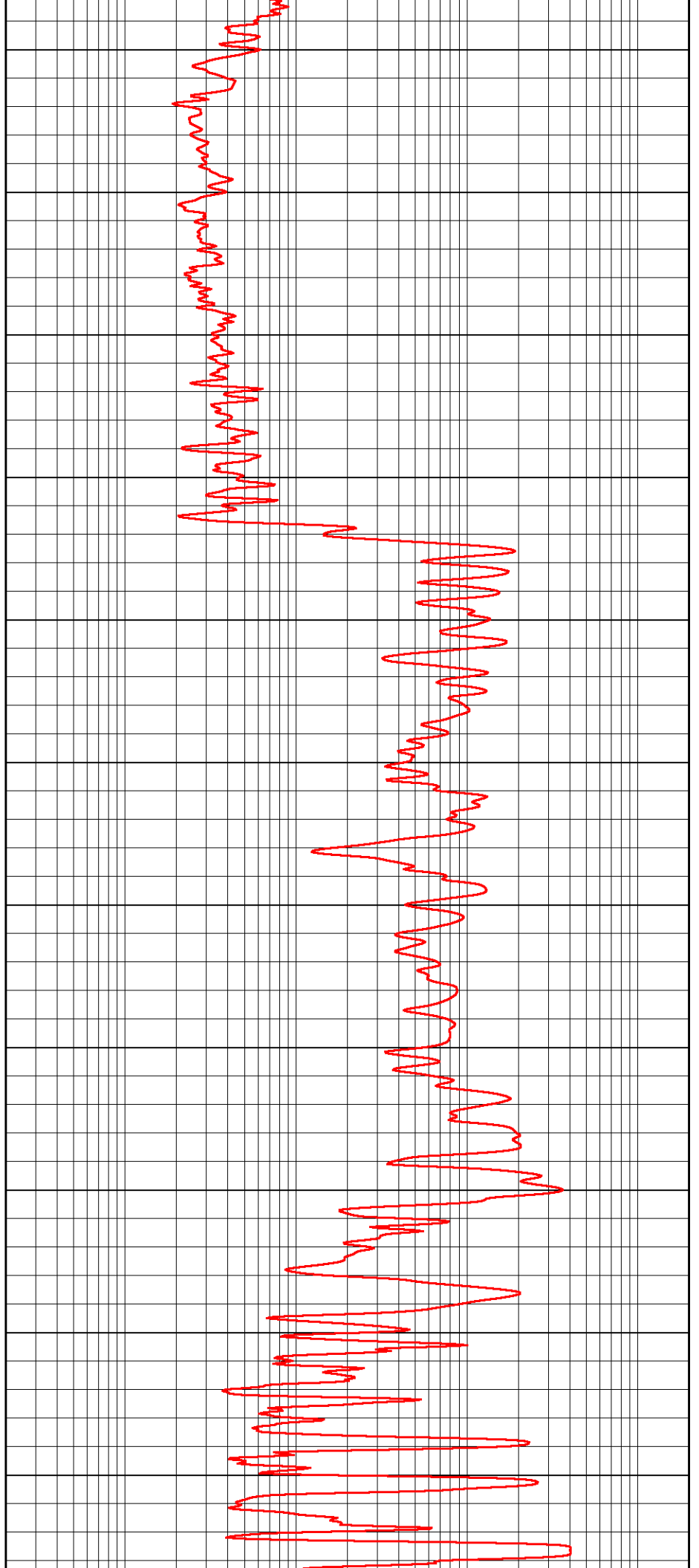
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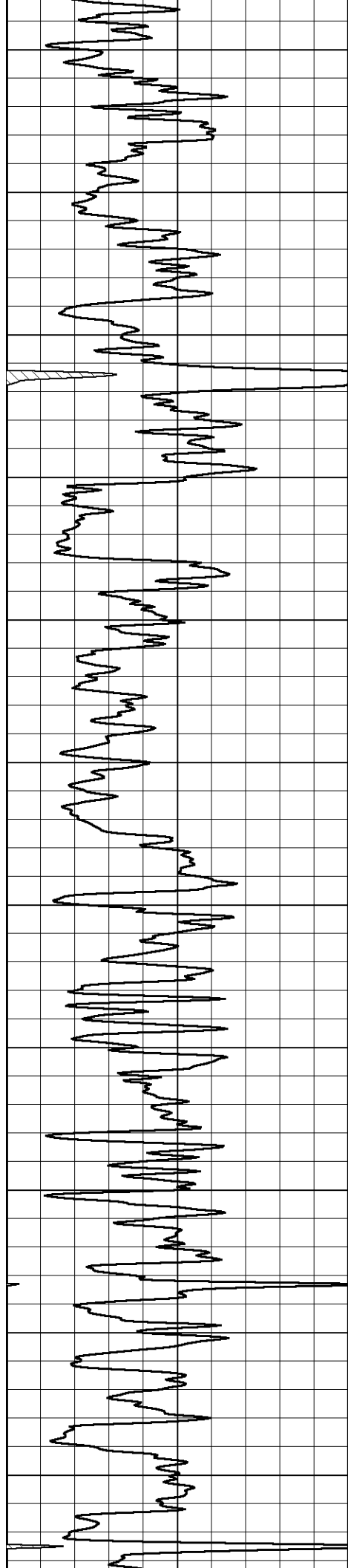
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1250

1300

1350





1400

1450

1500

1550

1600

1650

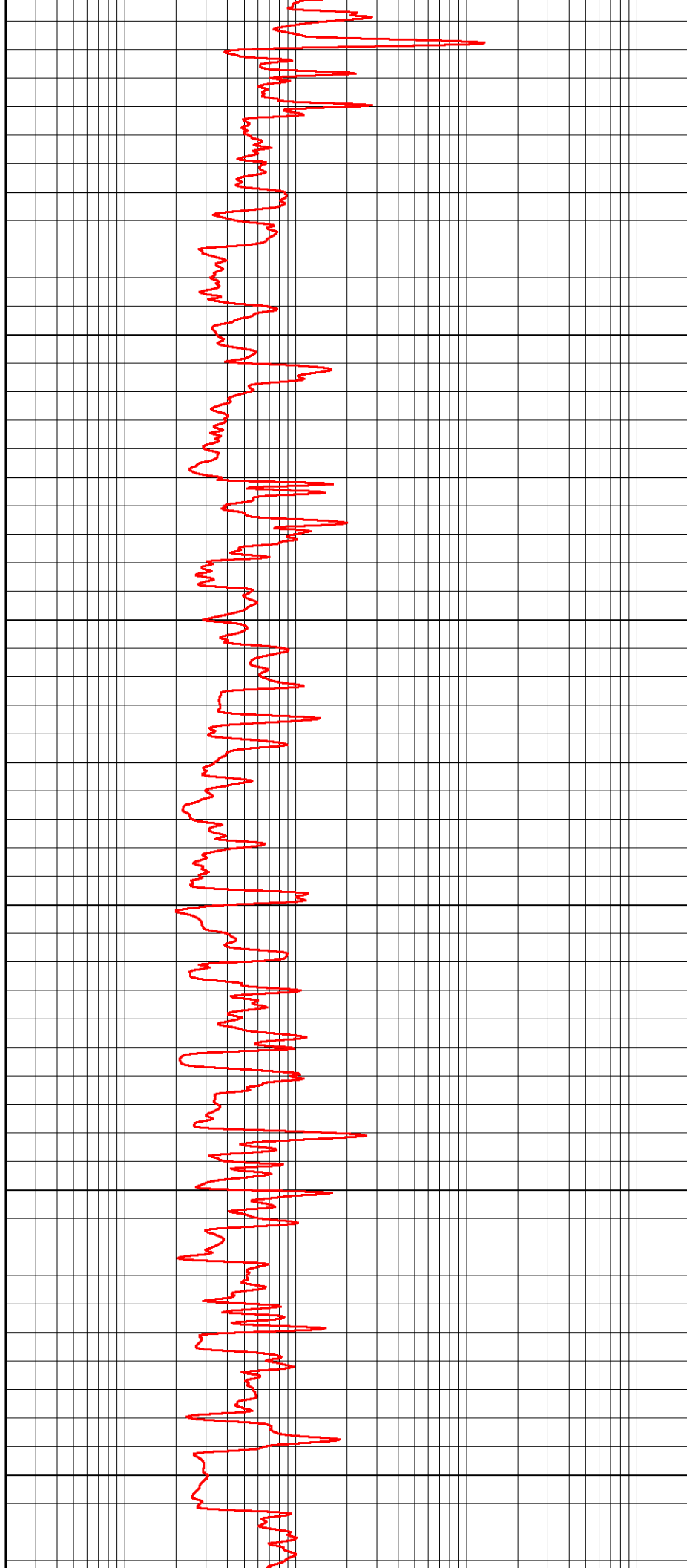
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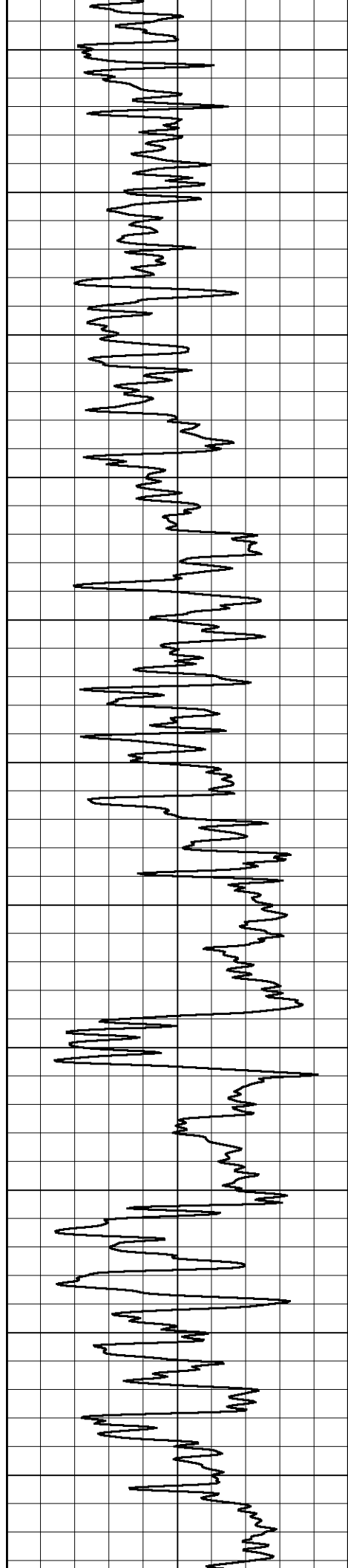
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1800

1850

1900





1950

2000

2050

2100

2150

2200

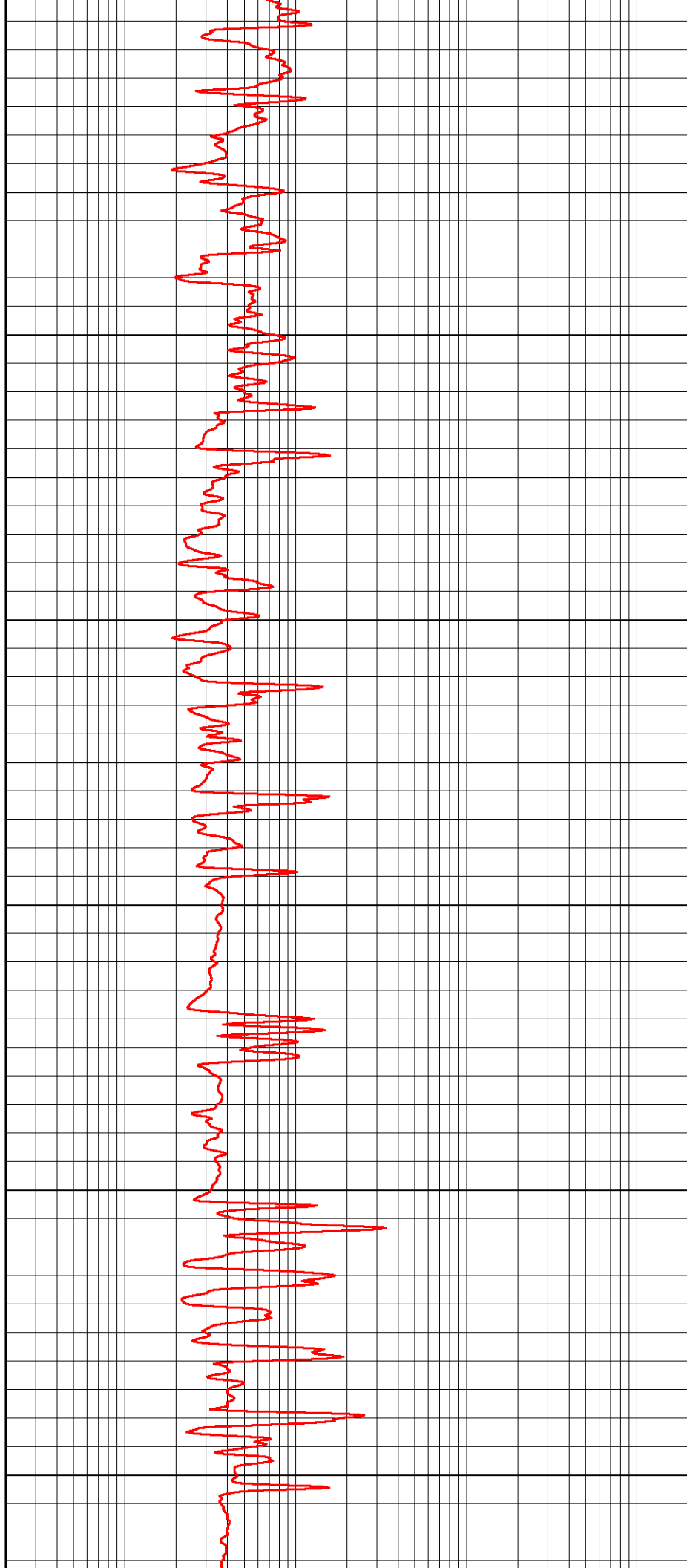
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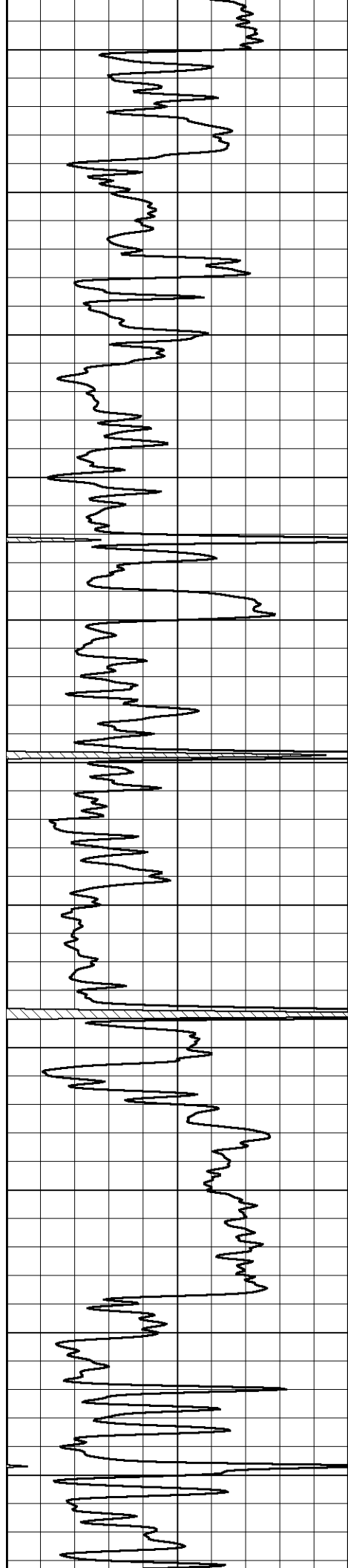
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2350

2400

2450





2500

2550

2600

2650

2700

2750

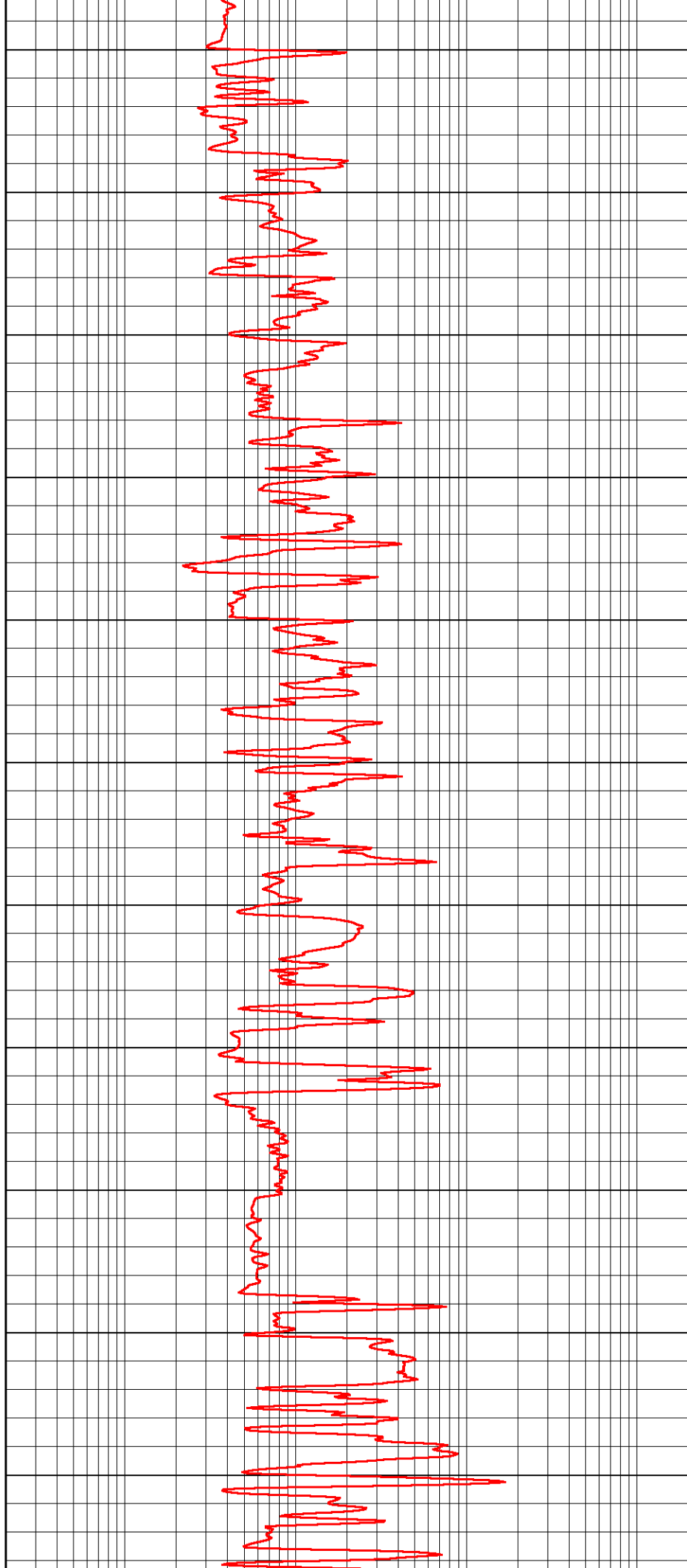
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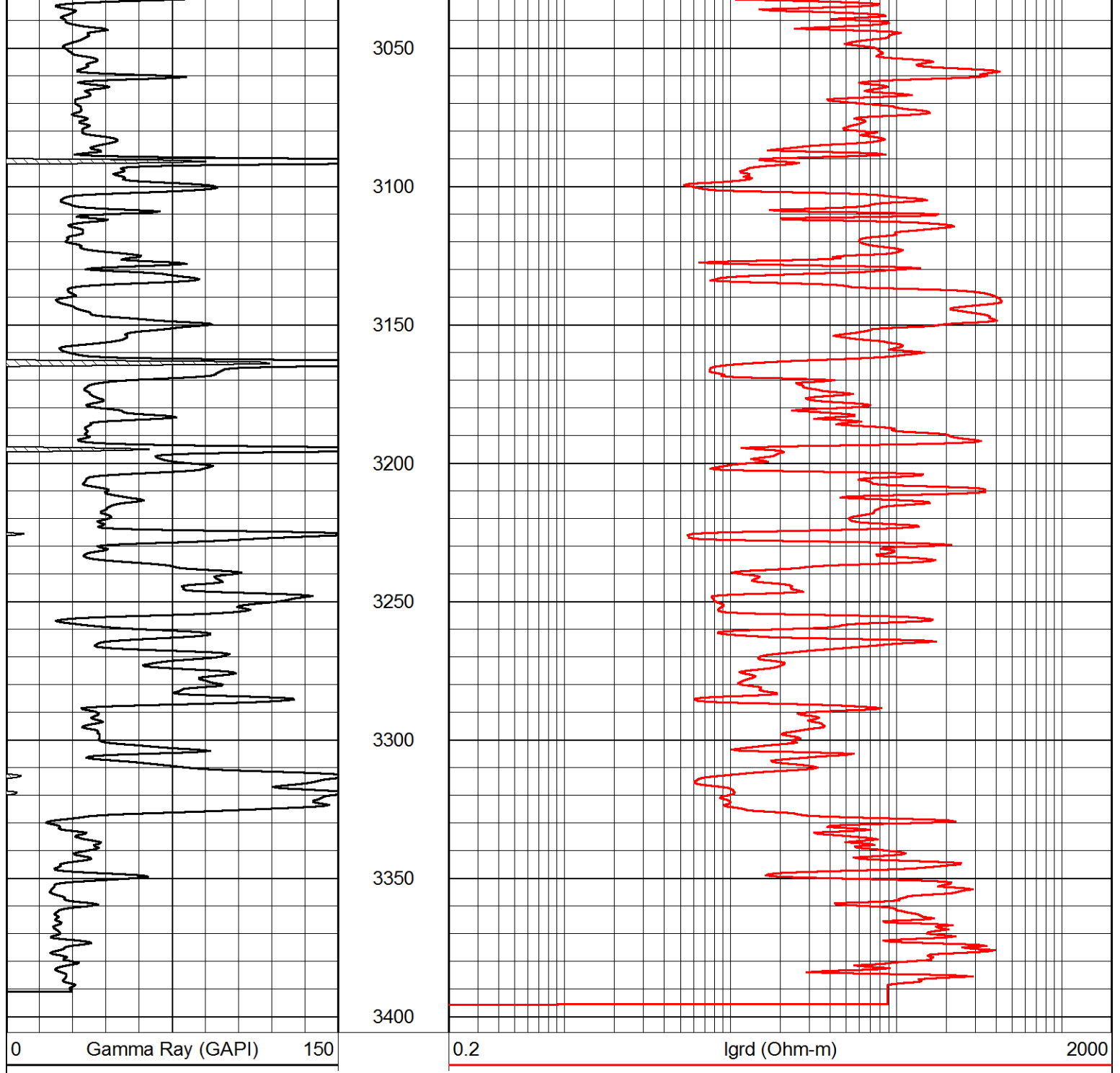
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2900

2950

3000





Database File fossil_ropaunit_1hd.db
 Dataset Pathname rag/fosrag
 Presentation Format rag
 Dataset Creation Sun Aug 02 13:16:14 2015
 Charted by Depth in Feet scaled 1:240

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

0.2 LGRD (Ohm-m) 2000
 560 SWNC (NAPI) 2160
 15000 Line Tension (lb) 0

LSPD
(ft/min)

