



**SUPERIOR
Hays,
Kansas**

**RADIATION
GUARD LOG**

Company	RED OAK ENERGY, INC.		
Well	BIEBER-BELZ #1-28		
Field	MT. CARMEL SE		
County	NESS	State	KANSAS
Location:	API # : 15-135-25123-0000		Other Services
600' FSL & 1400' FEL NE - SE - SW - SE			
SEC 28 TWP 20S RGE 21W		Elevation	
Permanent Datum	GROUND LEVEL	Elevation	2249
Log Measured From	KELLY BUSHING 8' A.G.L.	D.F.	2256
Drilling Measured From	KELLY BUSHING	G.L.	2249
Date	8-22-10		
Run Number	ONE		
Depth Driller	4440		
Depth Logger	4443		
Bottom Logged Interval	4442		
Top Log Interval	3700		
Casing Driller	221		
Casing Logger	220		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.3 / 52		
pH / Fluid Loss	10.0 / 12.8		
Source of Sample	FLOWLINE	CHLORIDES	6400
Rim @ Meas. Temp	0.60 @ 91F		
Rmft @ Meas. Temp	0.45 @ 91F		
Rmc @ Meas. Temp	0.72 @ 91F		
Source of Rmft / Rmc	MEASURED		
Rim @ BHT	0.46 @ 120F		
Time Circulation Stopped	19 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	120F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	JEFF GRONEWEG		
Witnessed By	SEAN DEENIHAN	KEVIN DAVIS	

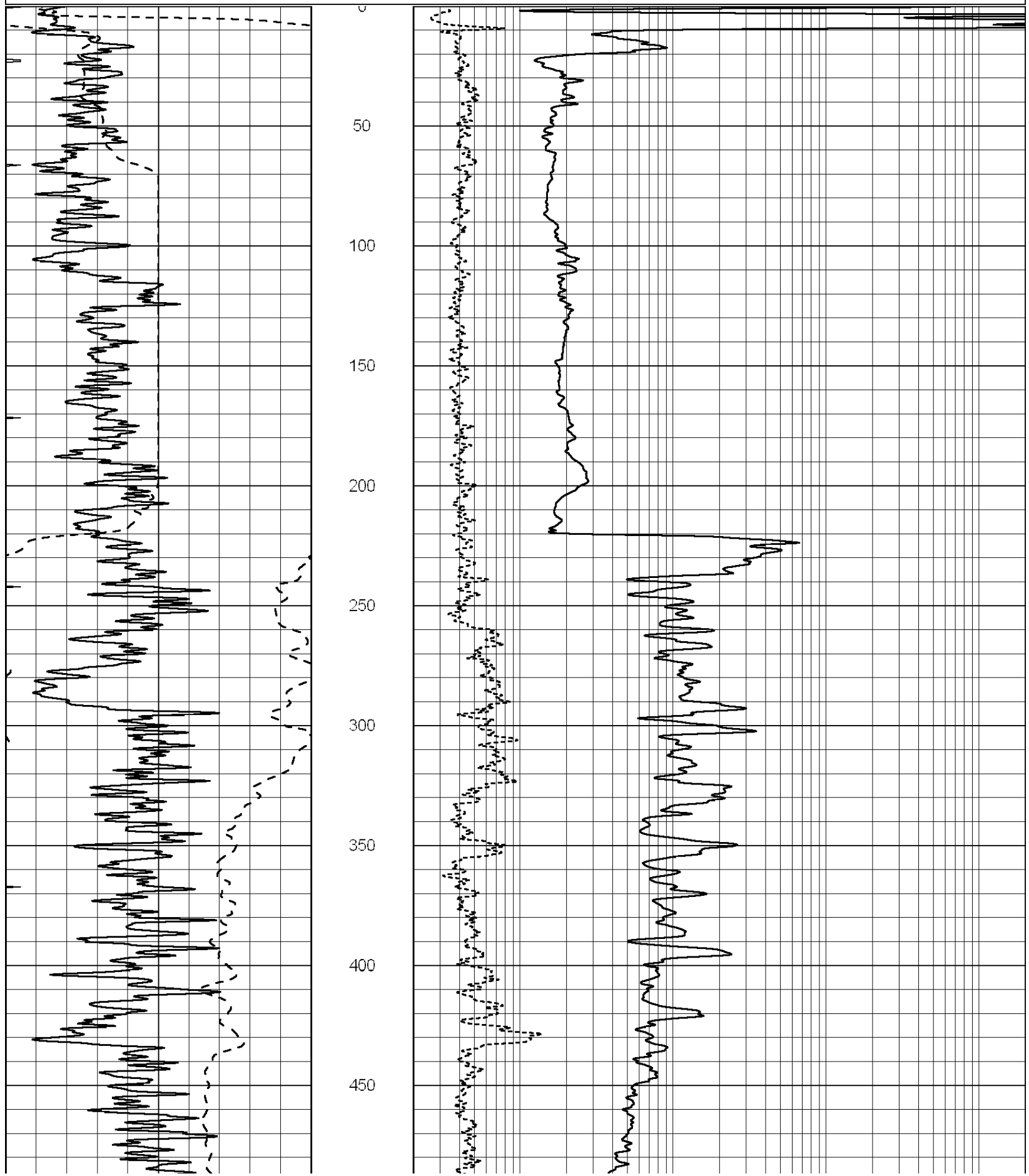
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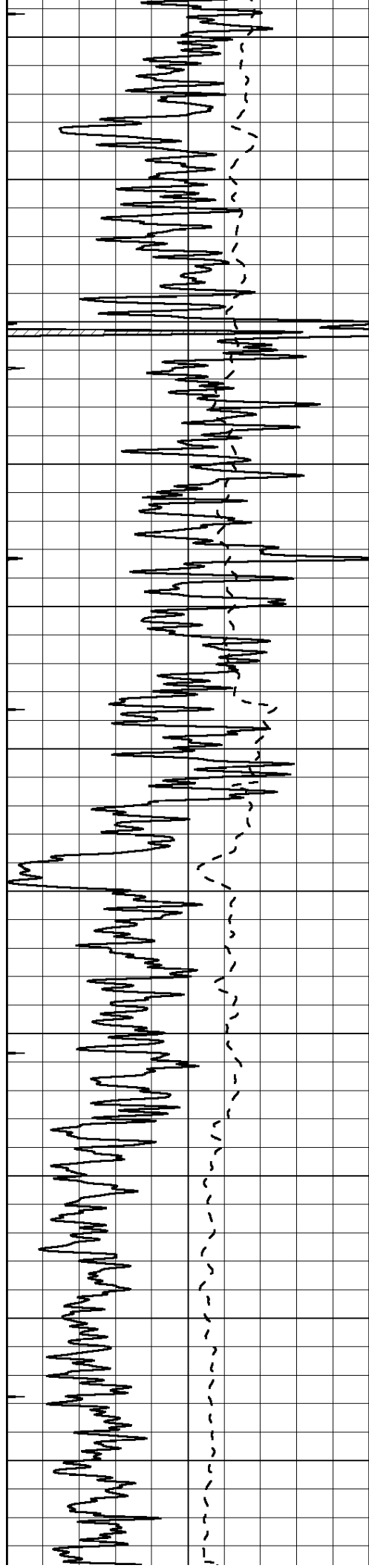
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

SUPERIOR WELL SERVICES
785-628-6395
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: BAZINE, KS - EAST TO RD HH - 6 MILES SOUTH TO RD 70
1 MILE WEST TO RD GG - 6 MILES SOUTH TO RD 10
1/2 MILE WEST - NORTH INTO

0	GAMMA RAY (GAPI)	150	ABHV (ft3)	0.2	GUARD (Ohm-m)	2000
-100	SP (mV)	100		0	NEUTRON (NAPI)	1000
			TBHV (ft3)			





500

550

600

650

700

750

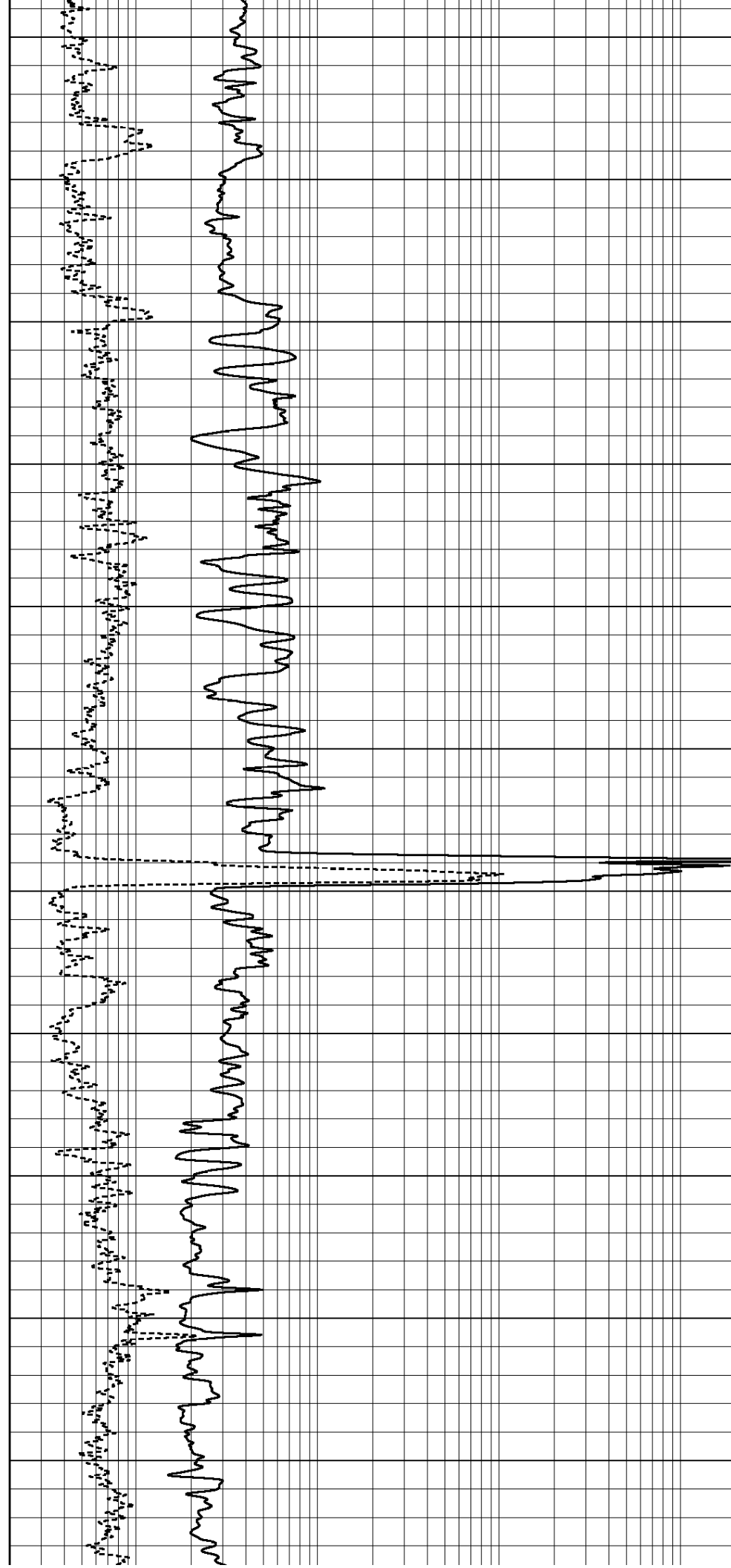
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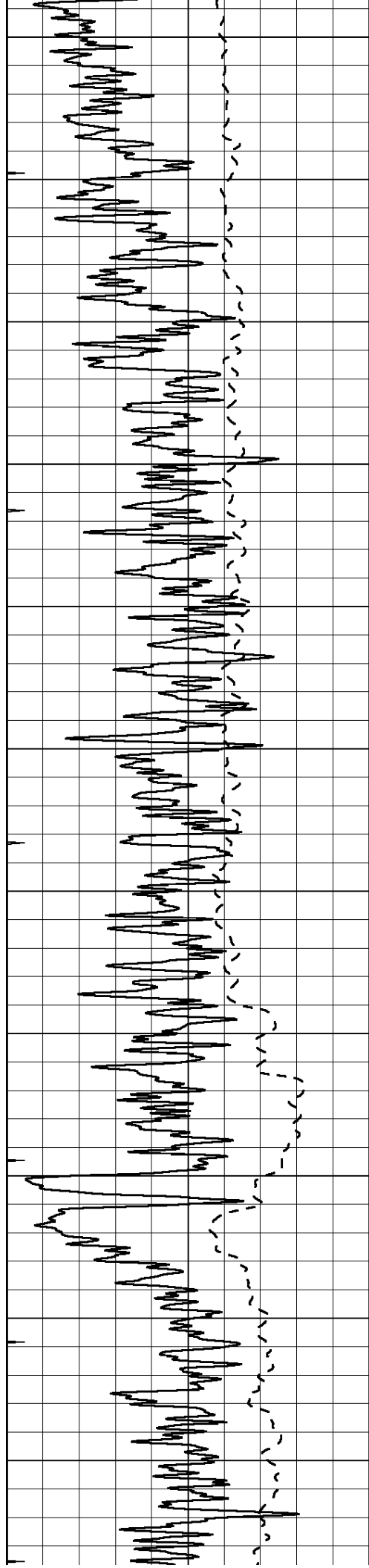
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900

950

1000





1050

1100

1150

1200

1250

1300

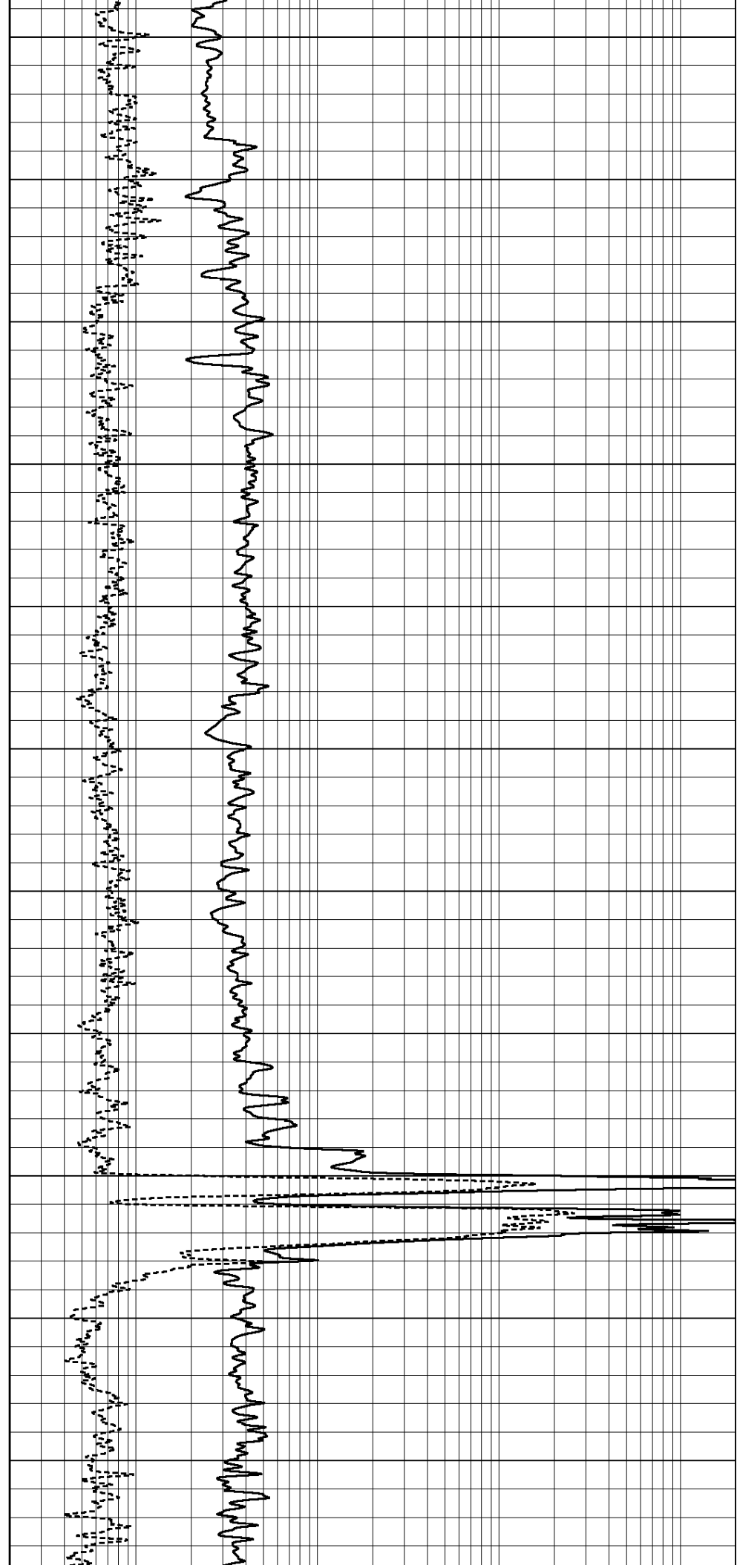
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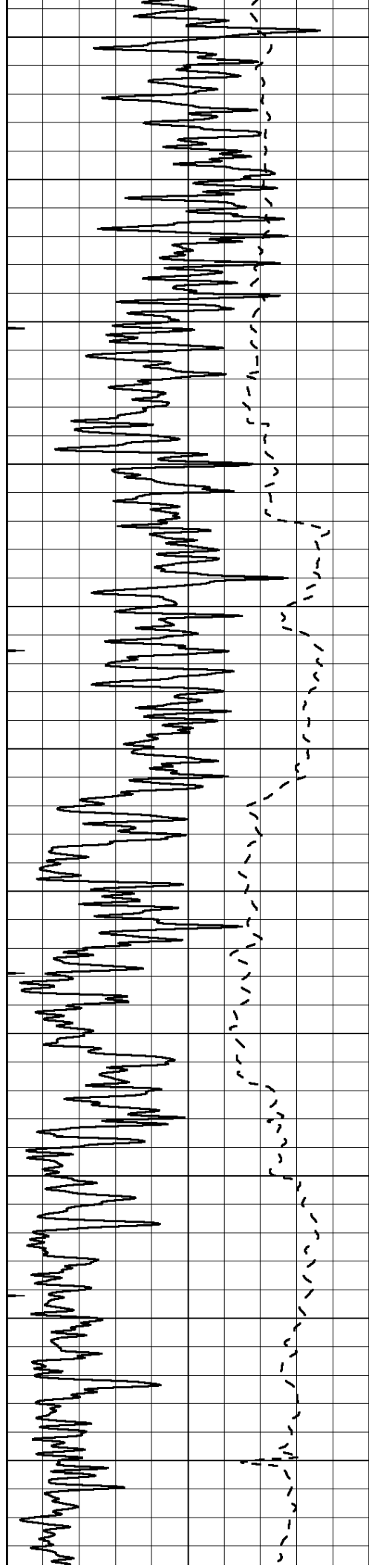
1400

1450

1500

1550





1600

1650

1700

1750

1800

1850

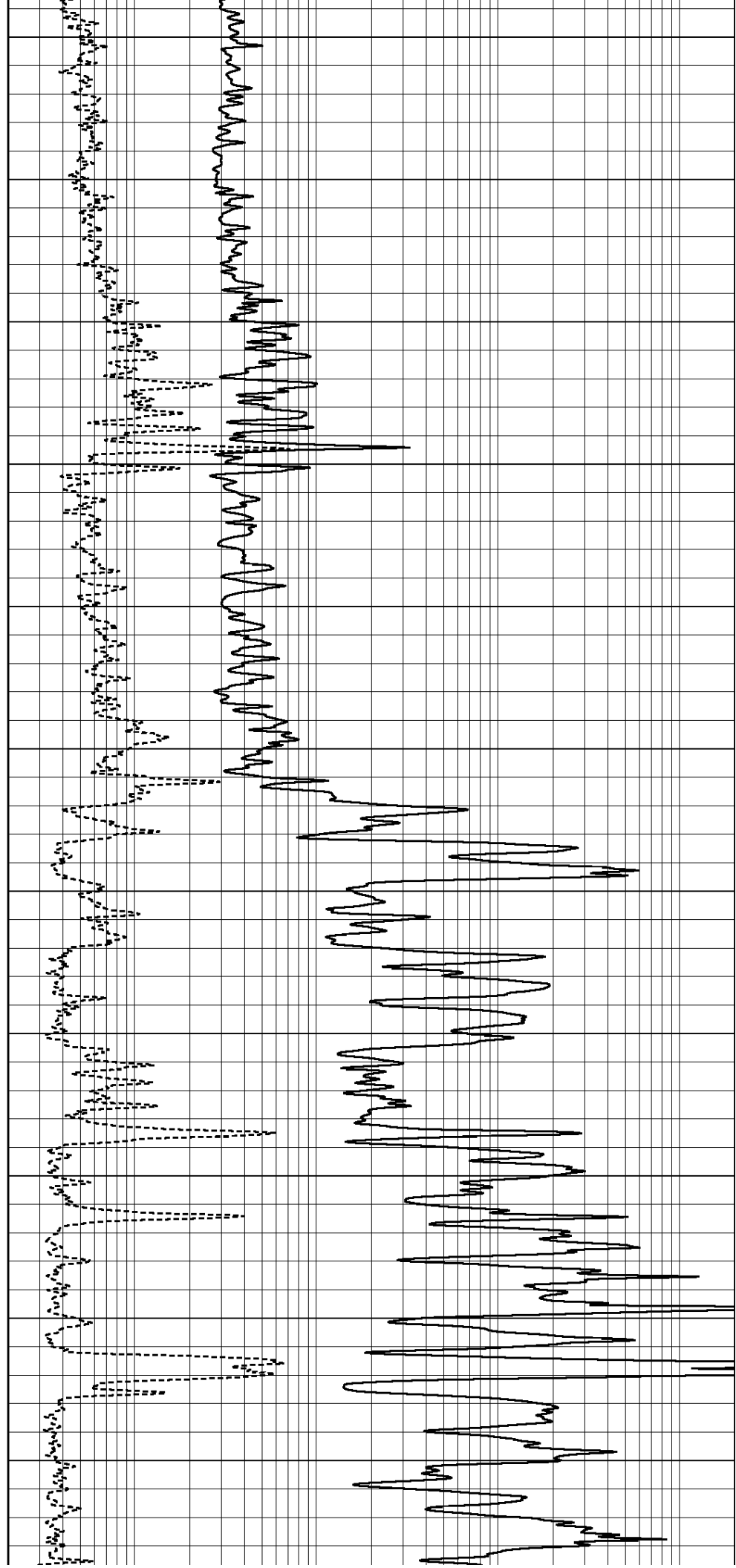
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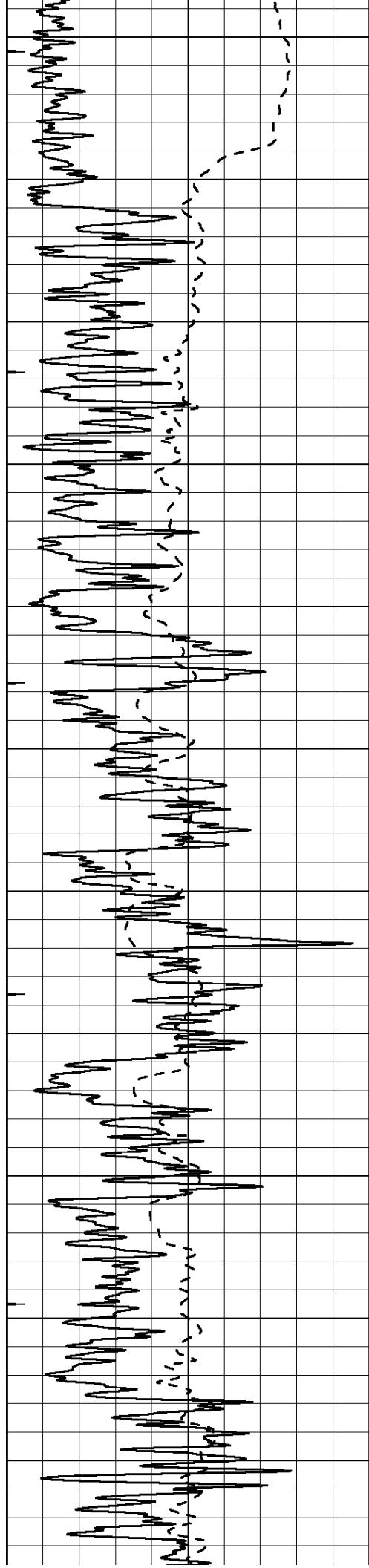
1950

2000

2050

2100





2150

2200

2250

2300

2350

2400

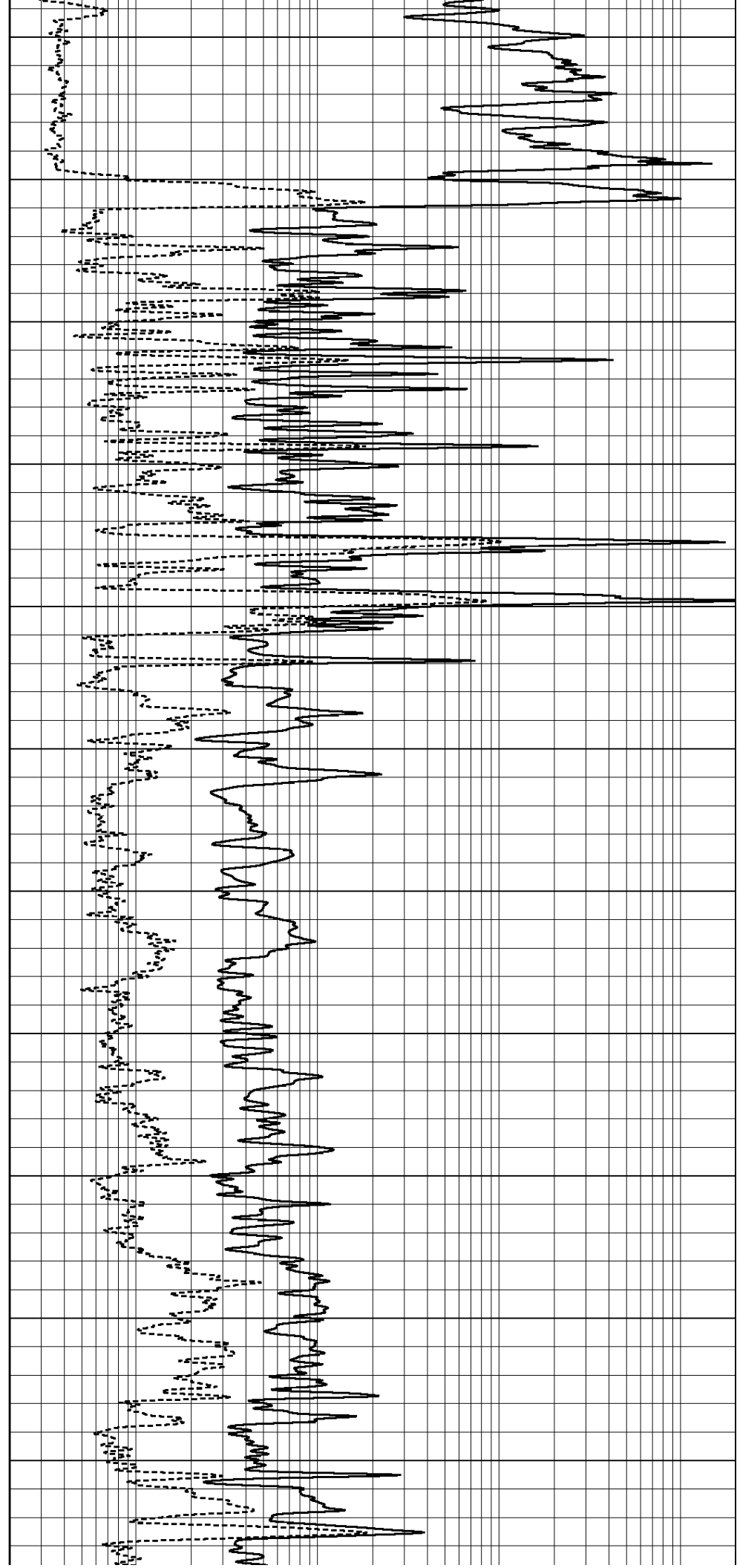
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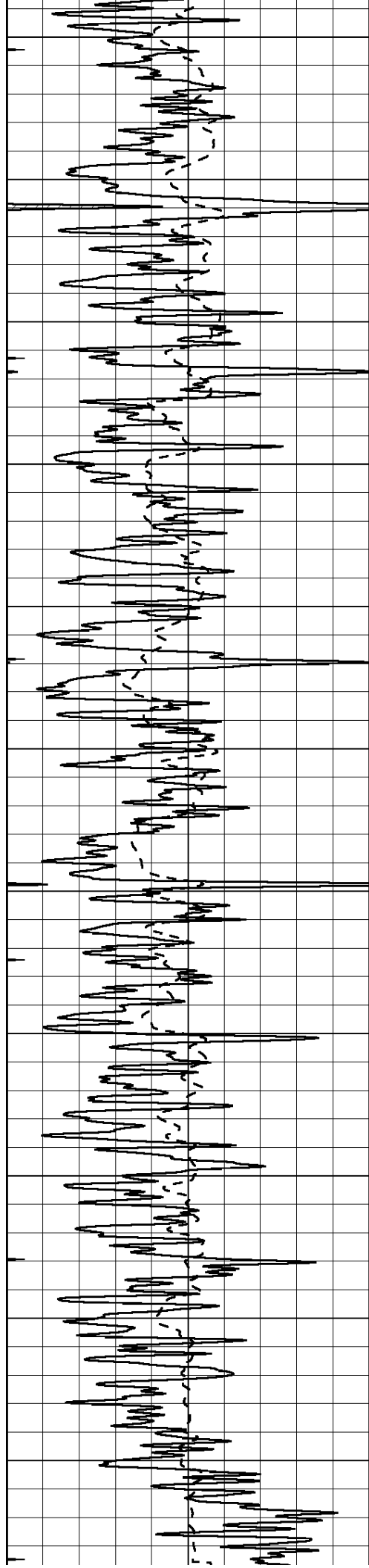
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2550

2600

2650





2700

2750

2800

2850

2900

2950

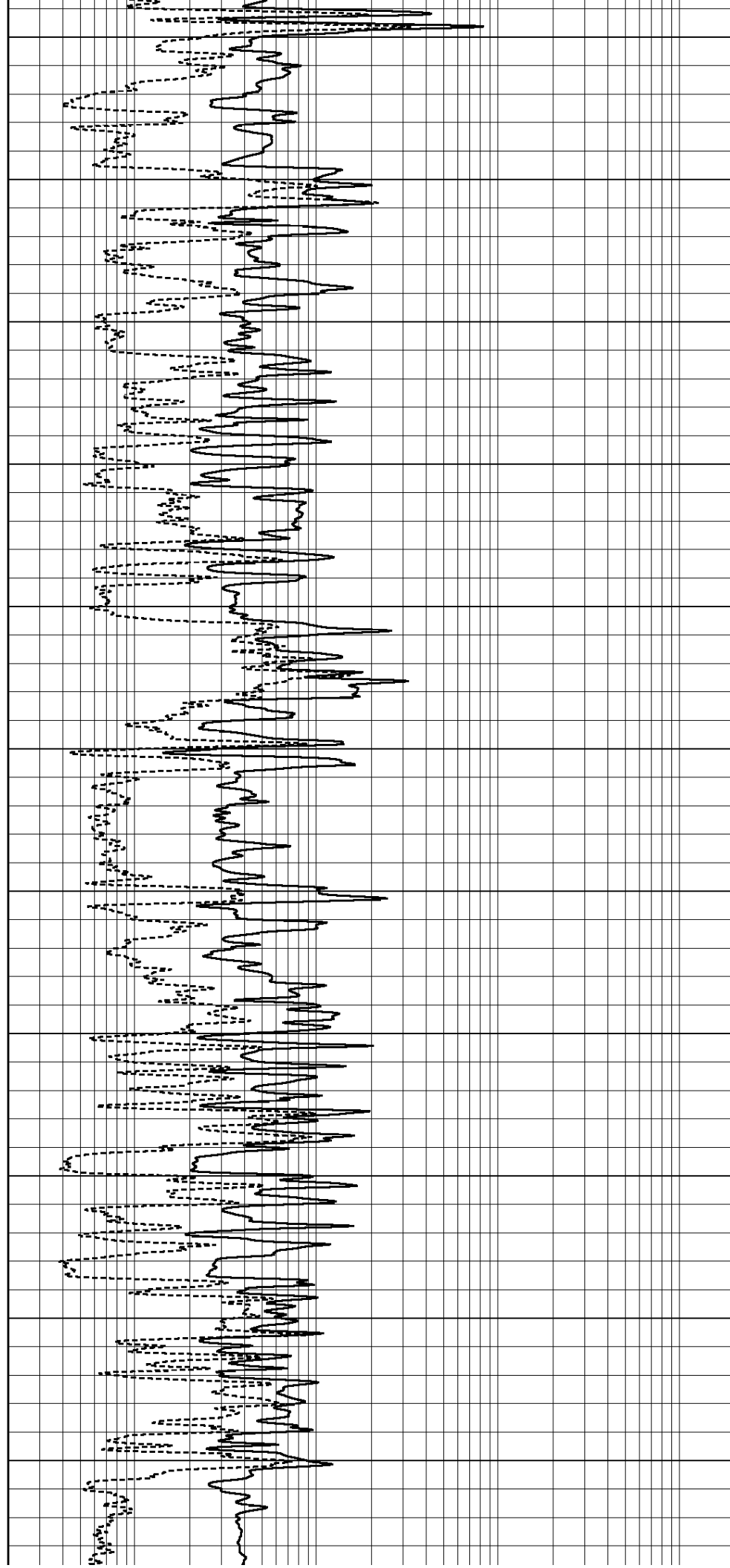
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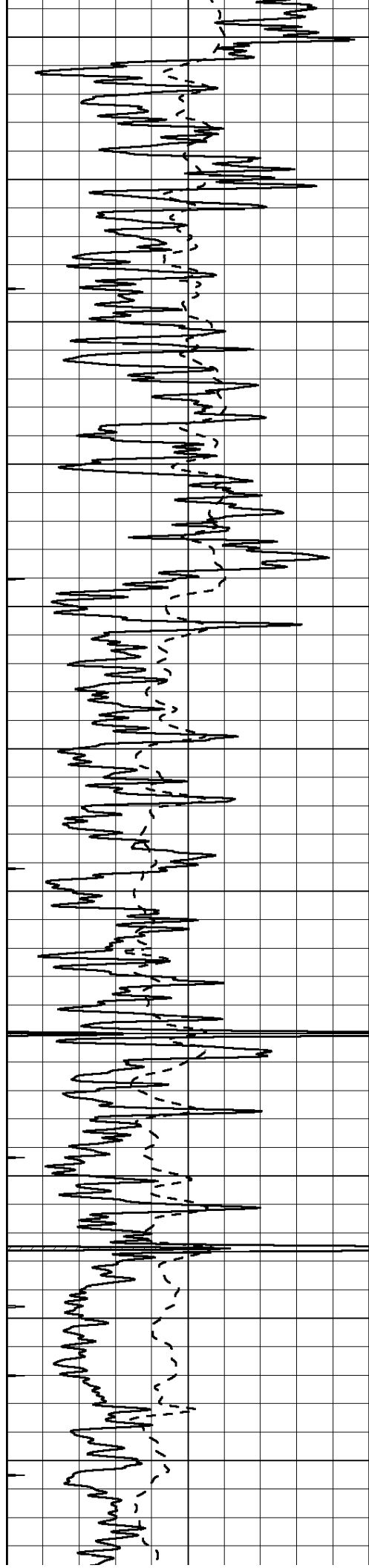
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3100

3150

3200





3250

3300

3350

3400

3450

3500

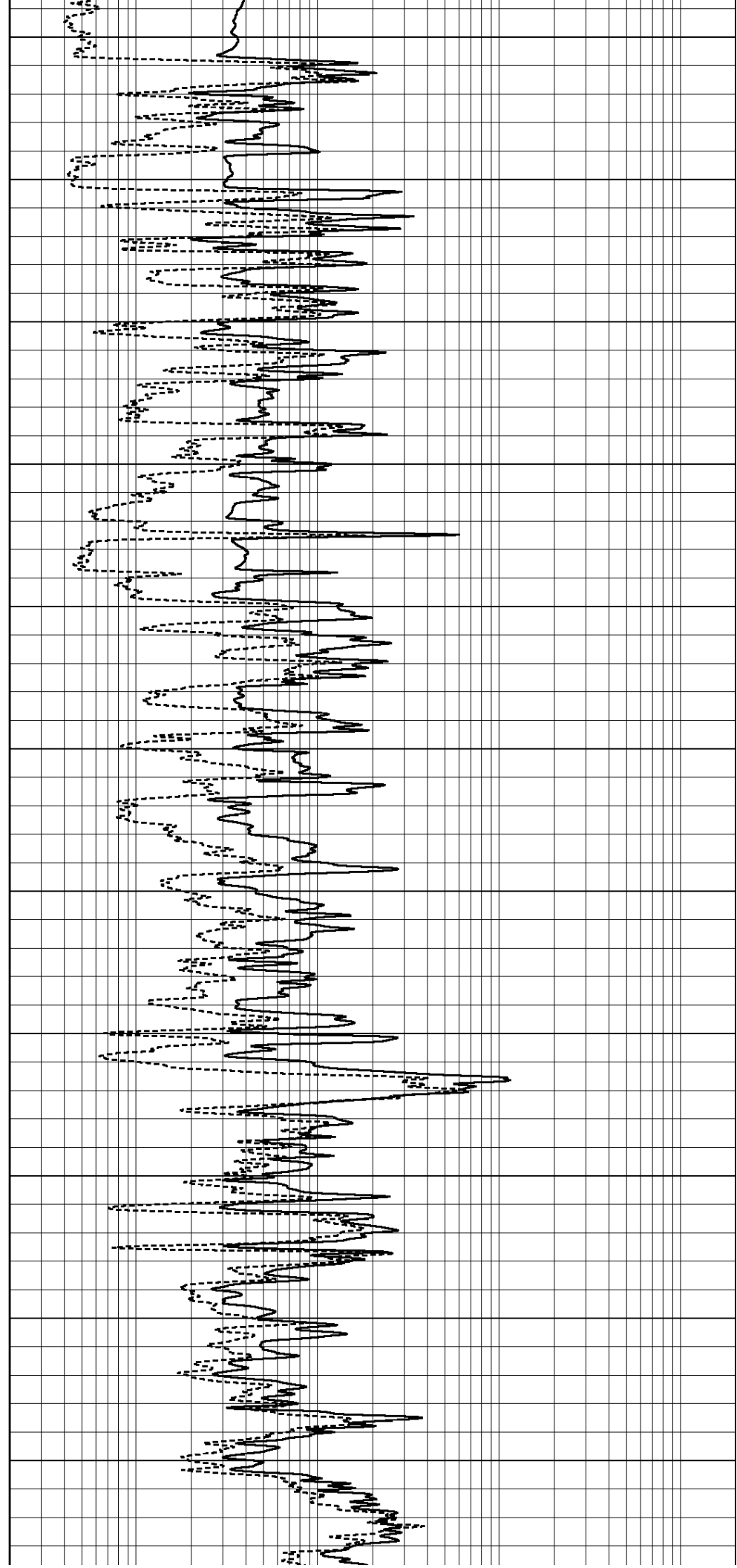
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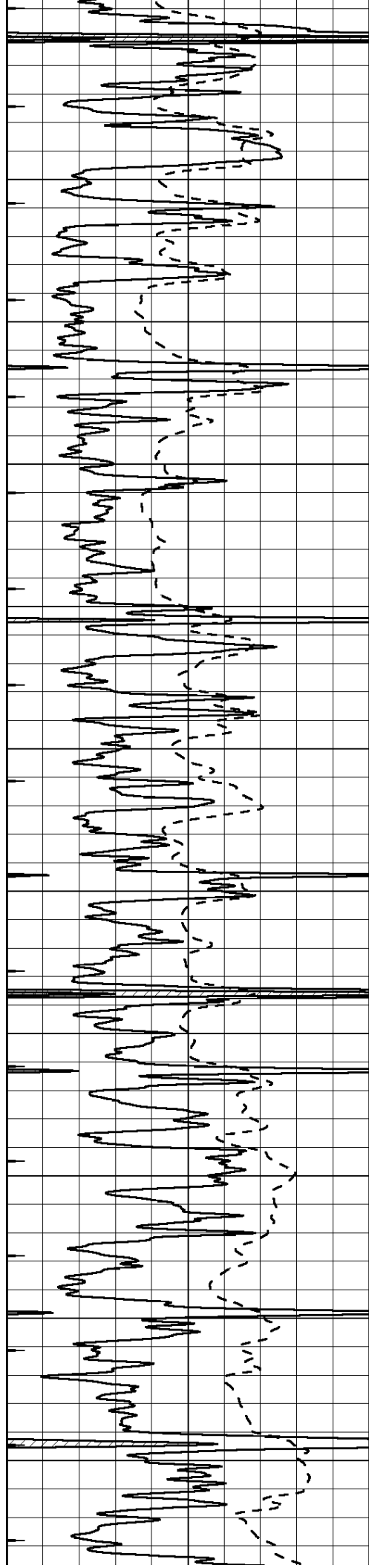
3600

3650

3700

3750





3800

3850

3900

3950

4000

4050

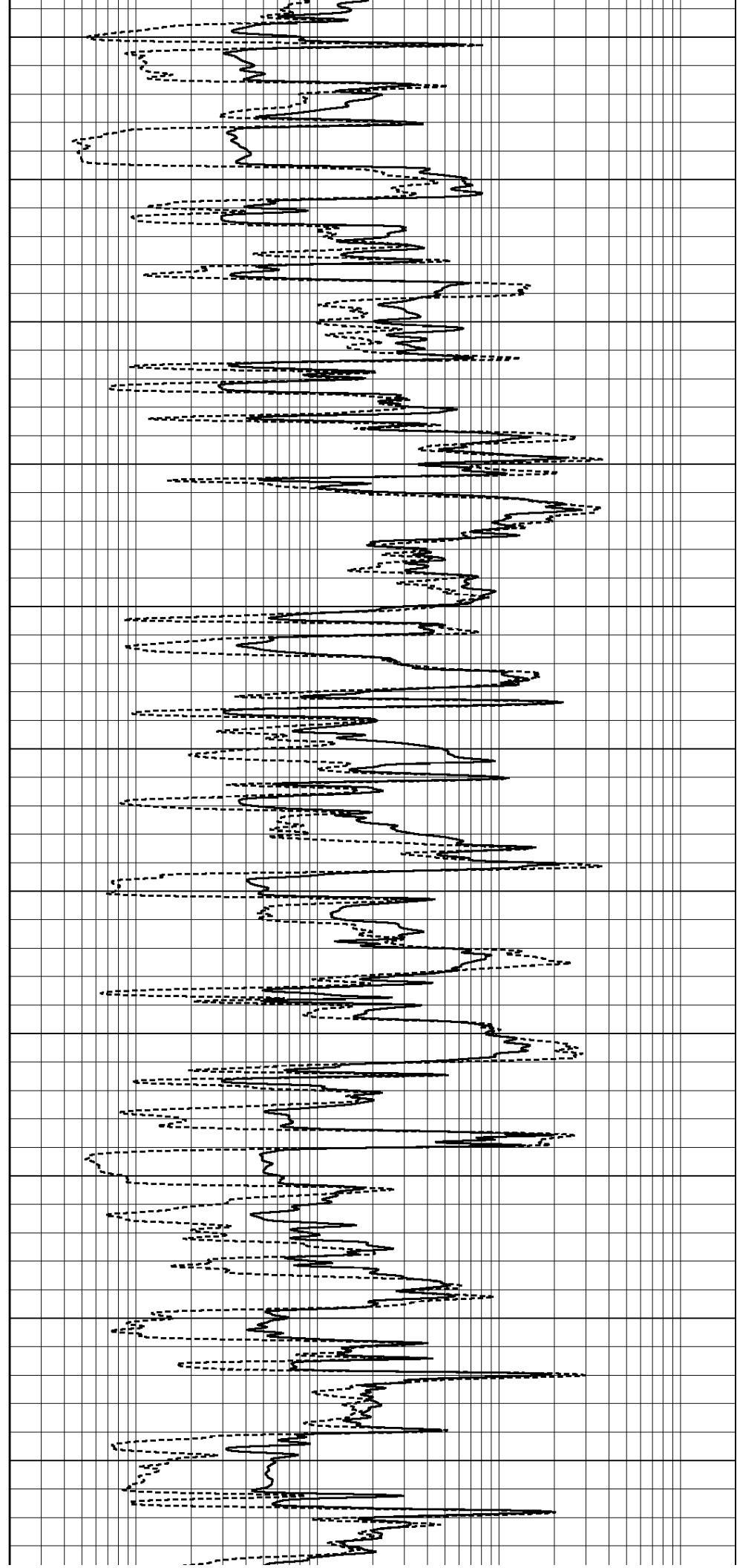
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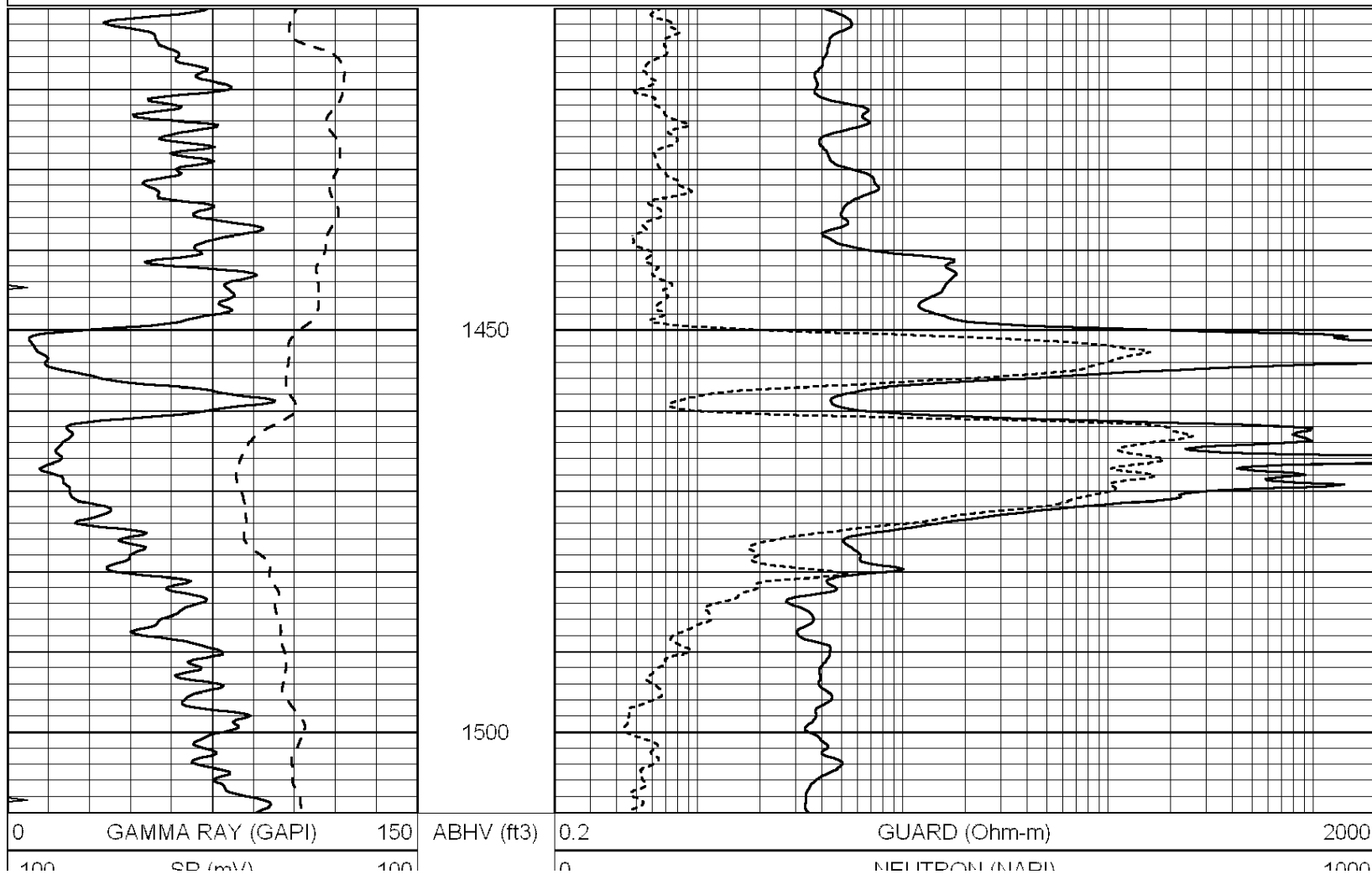
4150

4200

4250

4300





-100	SP (mV)	100	TBHV (ft3)	0	NEUTRON (NAPI)	1000
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005647rag.db

Dataset Pathname:

pass4.3

Presentation Format:

rag

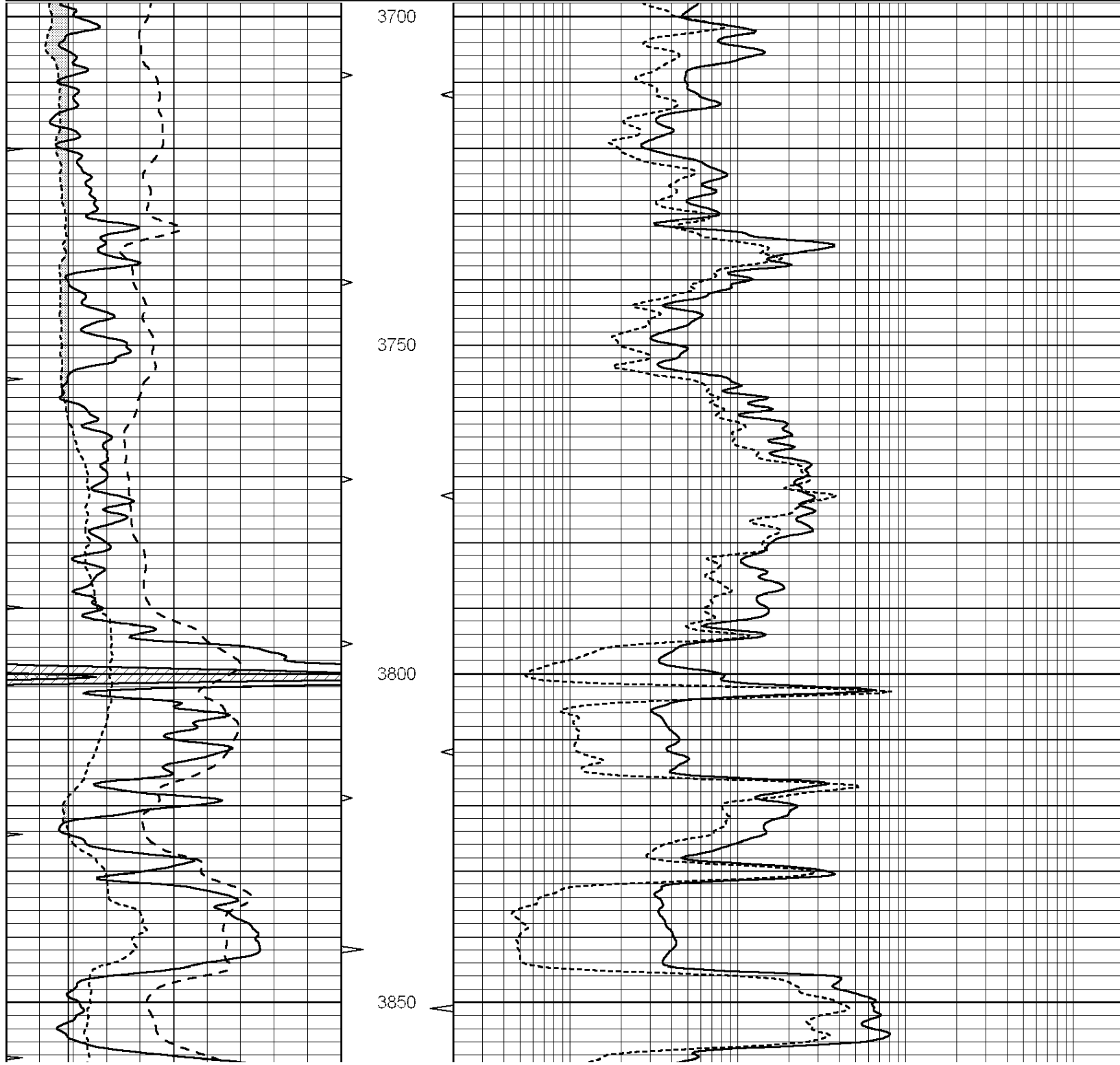
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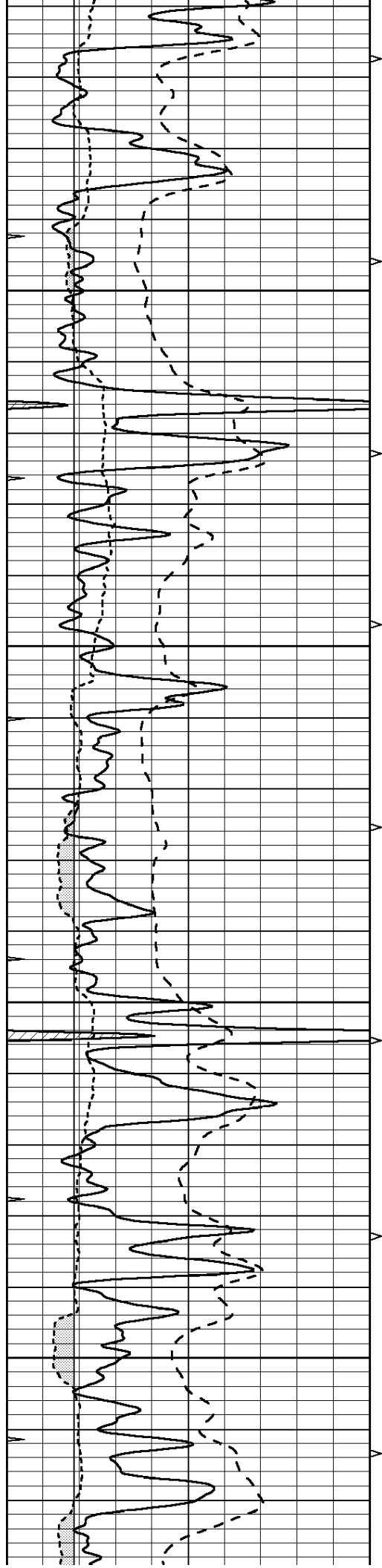
Sun Aug 22 13:28:22 2010 by Calc Open-Cased 090629

Charted by:

Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	0.2	GUARD (Ohm-m)	2000
-100	SP (mV)	100	10 (ft3)	0	NEUTRON (NAPI)	1000
6	CALIPER (in)	16	TBHV			
			0 (ft3)	10		



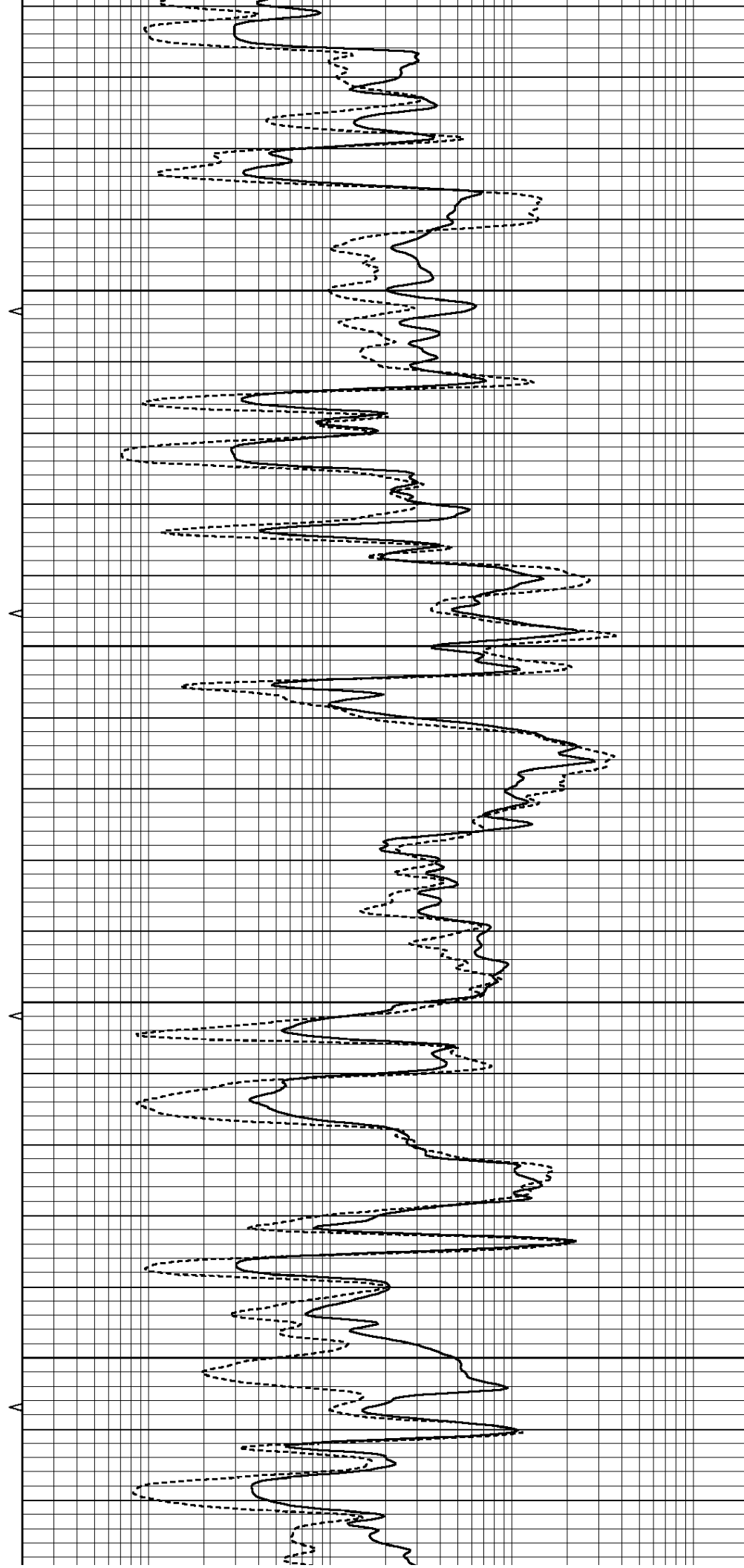


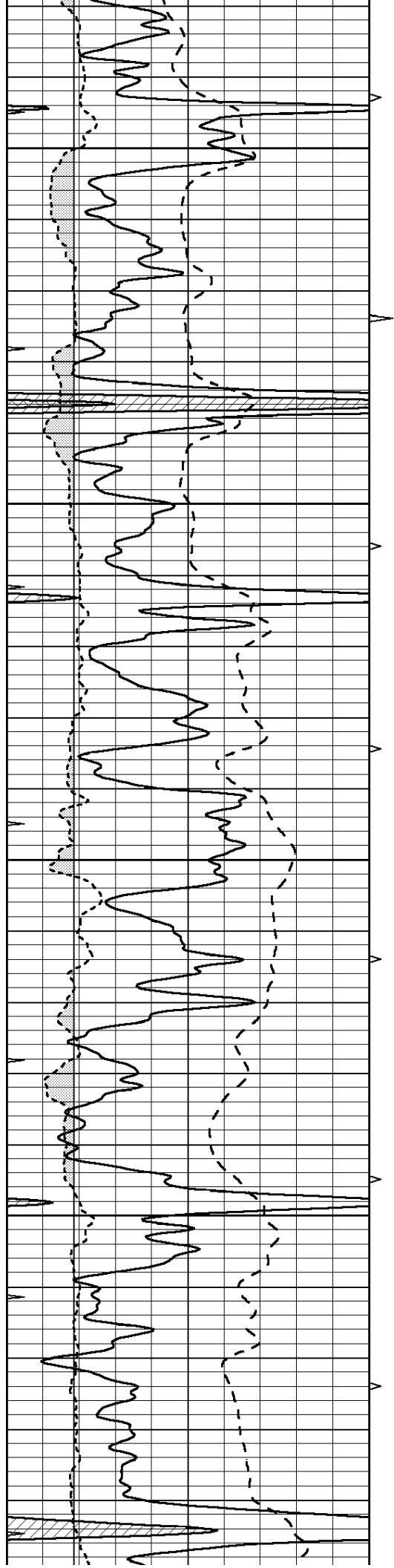
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3950

4000

4050



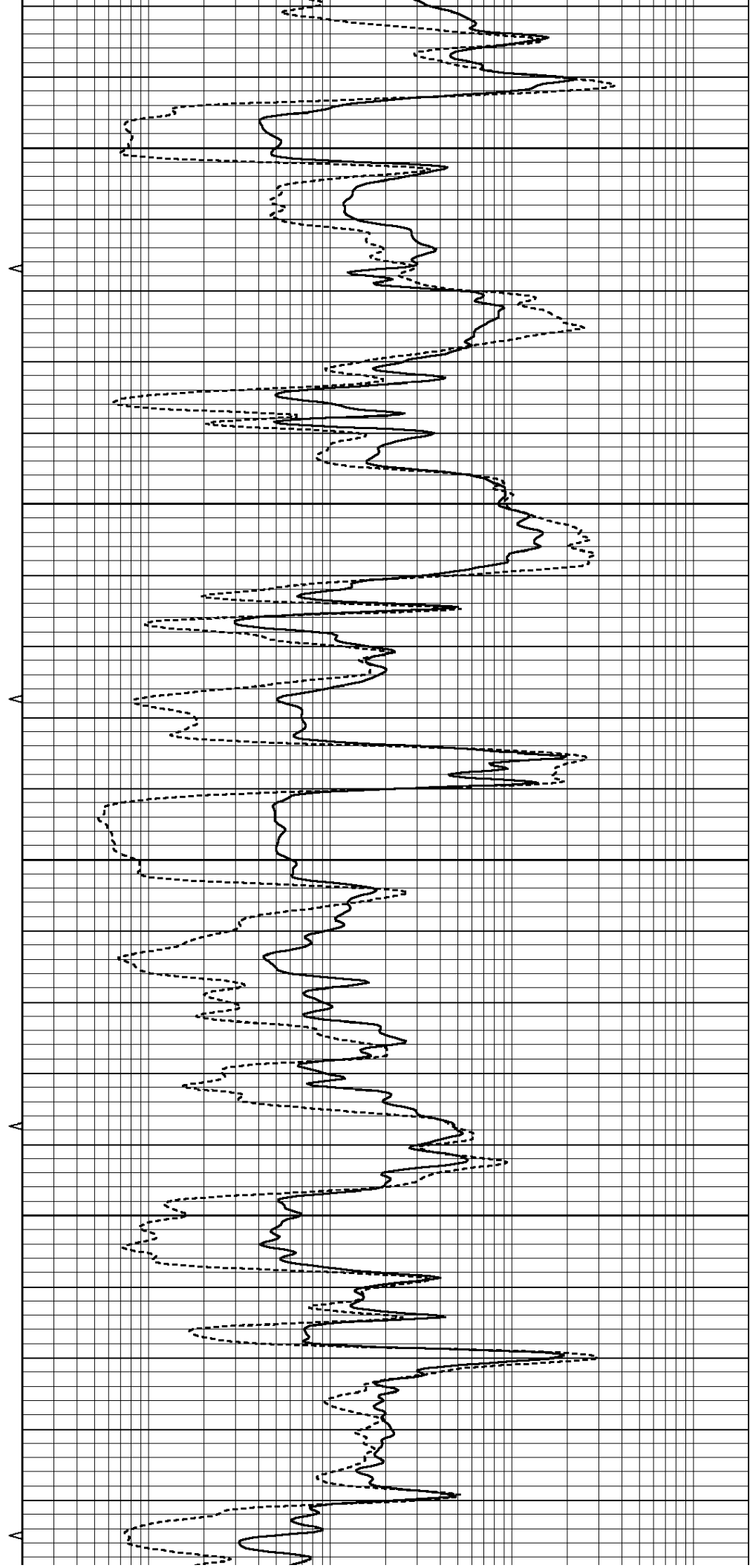


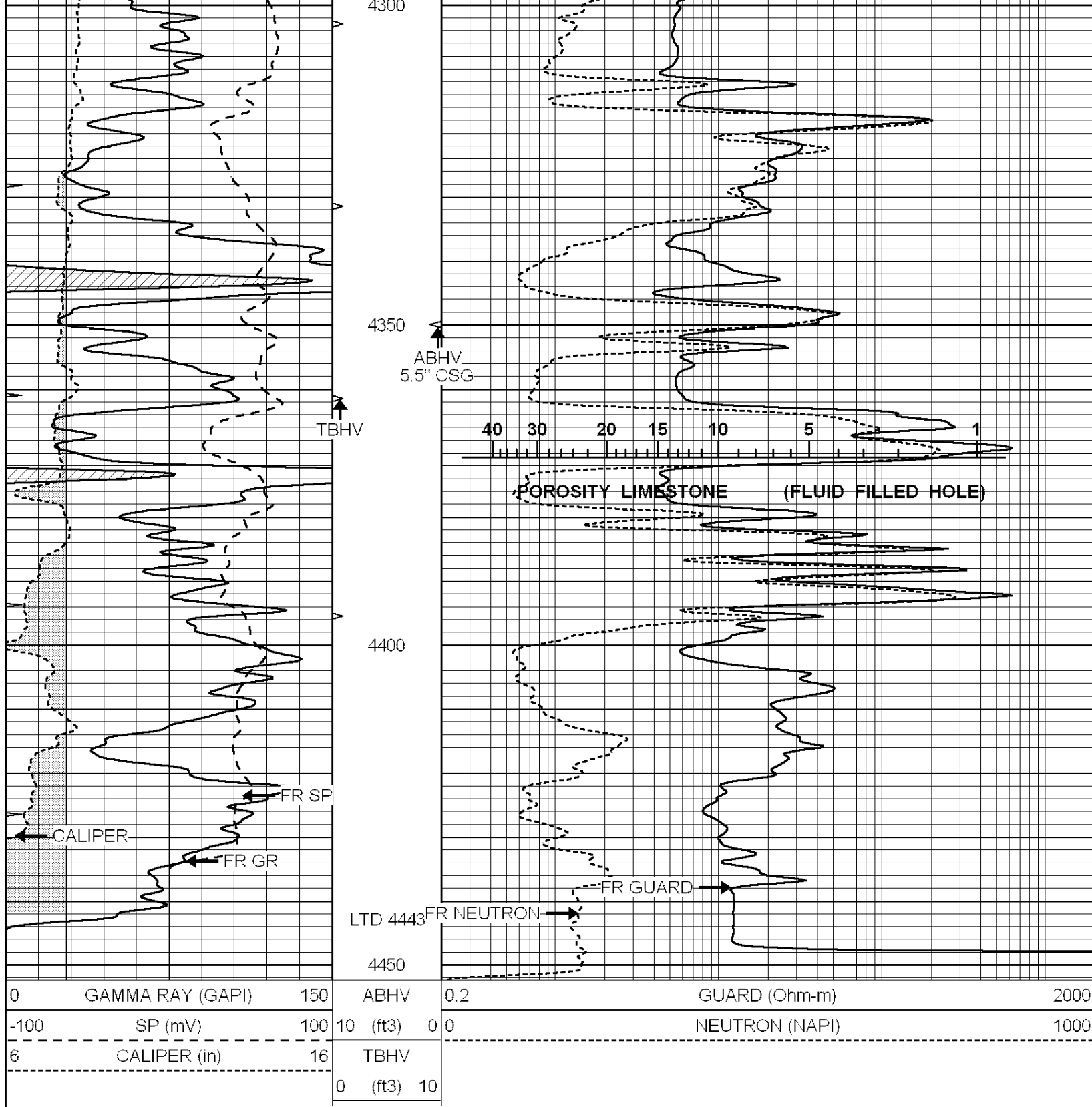
4100

4150

4200

4250





SUPERIOR
Hays,
Kansas

REPEAT SECTION

Database File: 005647rag.db
 Dataset Pathname: pass3.4
 Presentation Format: rag
 Dataset Creation: Sun Aug 22 13:35:15 2010 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	0.2	GUARD (Ohm-m)	2000
-100	SP (mV)	100	10 (ft3)	0	NEUTRON (NAPI)	1000
6	CALIPER (in)	16	TBHV			
			0 (ft3)	10		

