



SUPERIOR
Hays,
Kansas

RADIATION
GUARD LOG

Company		CHARTER ENERGY	
Well	DONALD #1		
Field	LEIKER NORTH		
County	ELLIS	State	KANSAS
Location:	APL # : 15-051-26576-0000		Other Services
Permanent Datum		GROUND LEVEL	Elevation
Log Measured From		KELLY BUSHING 6' A.G.L.	2001
Drilling Measured From		KELLY BUSHING	Elevation
SEC 2 TWP 15S RGE 18W		K.B. 2007	
		D.F. 2005	
		G.L. 2001	
Date	8/5/13		
Run Number	ONE		
Depth Driller	3655		
Depth Logger	3651		
Bottom Logged Interval	3649		
Top Log Interval	00		
Casing Driller	215		
Casing Logger	213		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.0/52		
pH / Fluid Loss	10.0/9.6		
Source of Sample	FLOWLINE	CHLORIDES 4800 PPM	
Rm @ Meas. Temp	.80 @ 102F		
Rmf @ Meas. Temp	.60 @ 102F		
Rmc @ Meas. Temp	.96 @ 102F		
Source of Rmf / Rmc	MEASURED		
Rm @ BHT	.72 @ 113F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	113F		
Equipment Number	836		
Location	HAYS, KS.		
Recorded By	JASON CAPPELLUCCI		
Witnessed By	JIM MUSGROVE		

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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
HAYS, KS. - S. TO ANTONINO RD. - E. TO RD. 270 - 1/2 S. - W. INTO



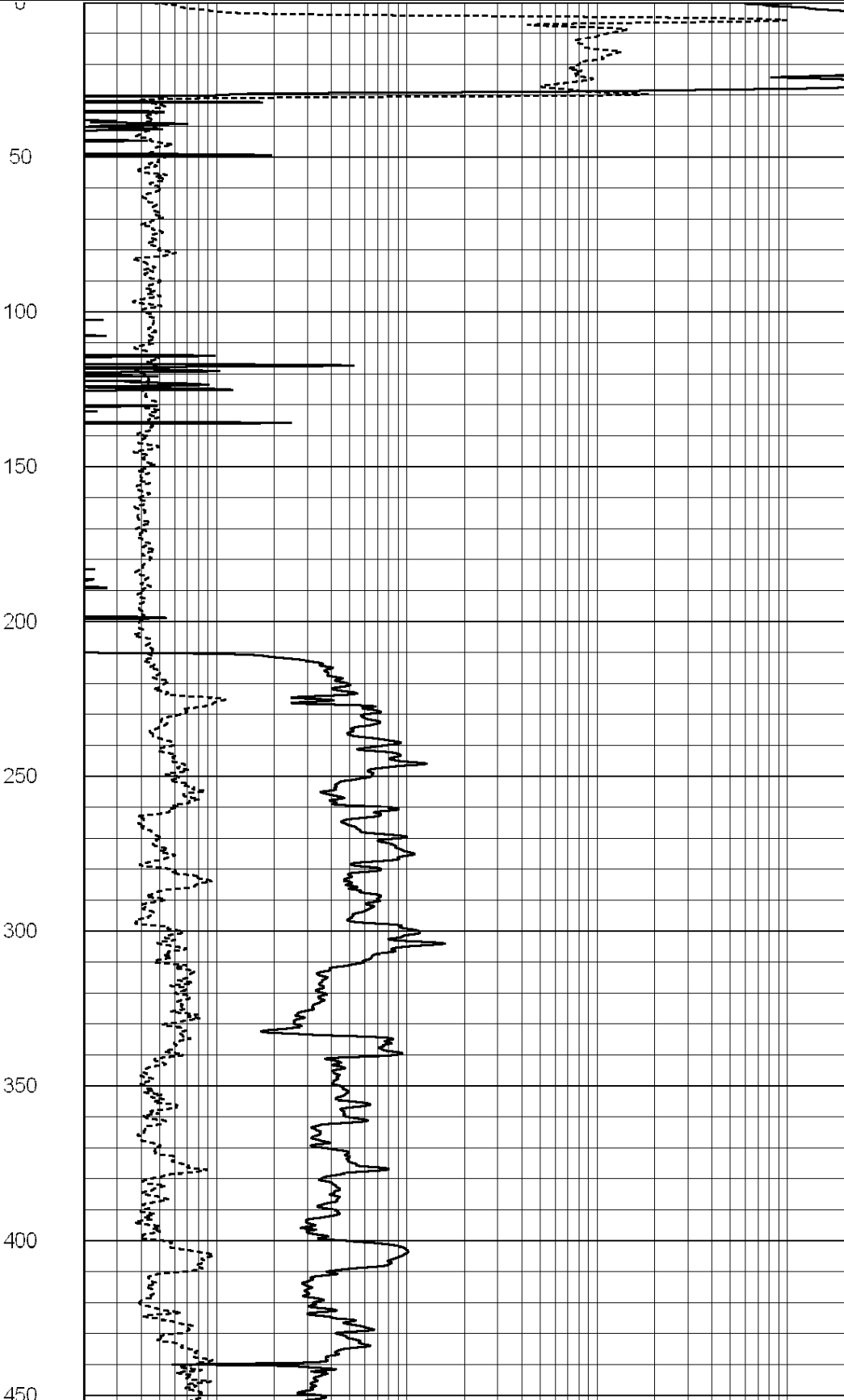
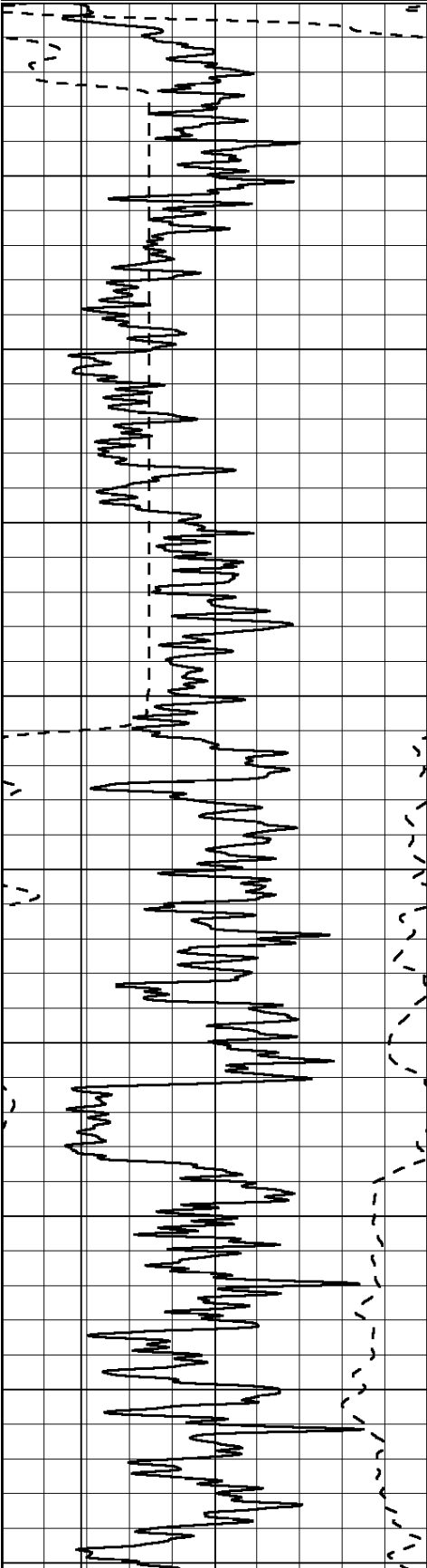
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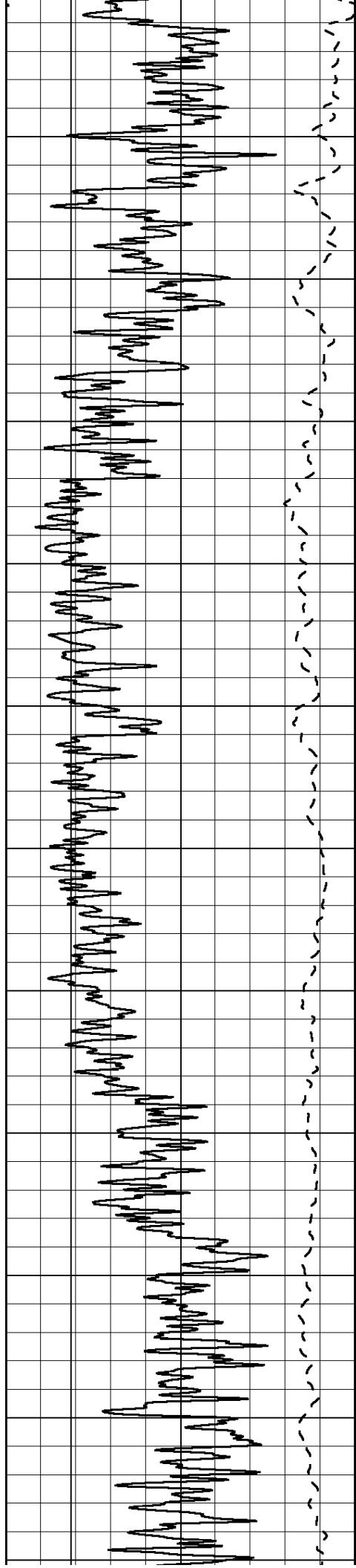
MAIN SECTION

Database File: 011582rag.db
Dataset Pathname: pass4.3.1
Presentation Format: rag2inch
Dataset Creation: Mon Aug 05 17:11:29 2013 by Calc Open-Cased 090629
Charted by: Depth in Feet scaled 1:600

0 GAMMA RAY (GAPI) 150
-100 SP (mV) 100

0.2 RLL3 (Ohm-m) 2000
0 NEUTRON (NAPI) 1000





500

550

600

650

700

750

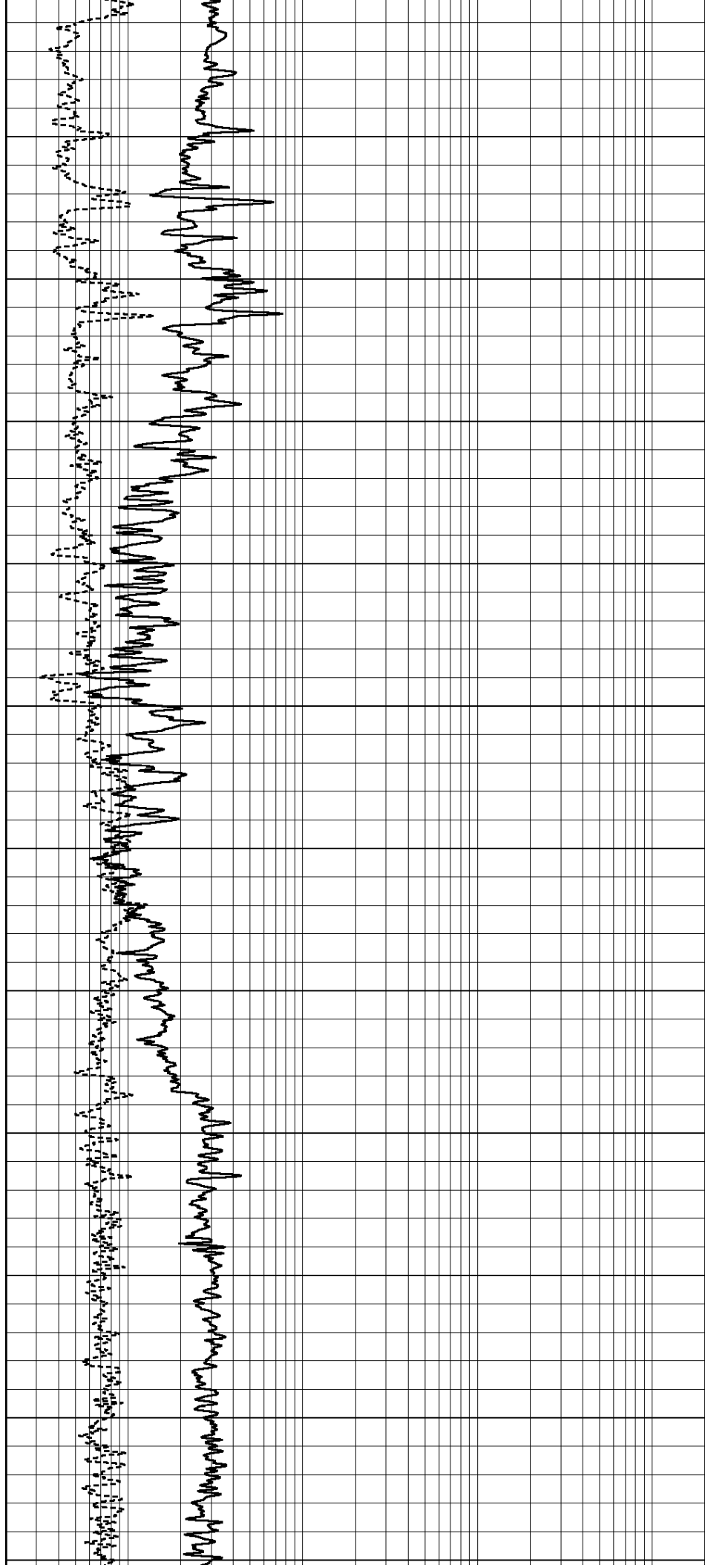
800

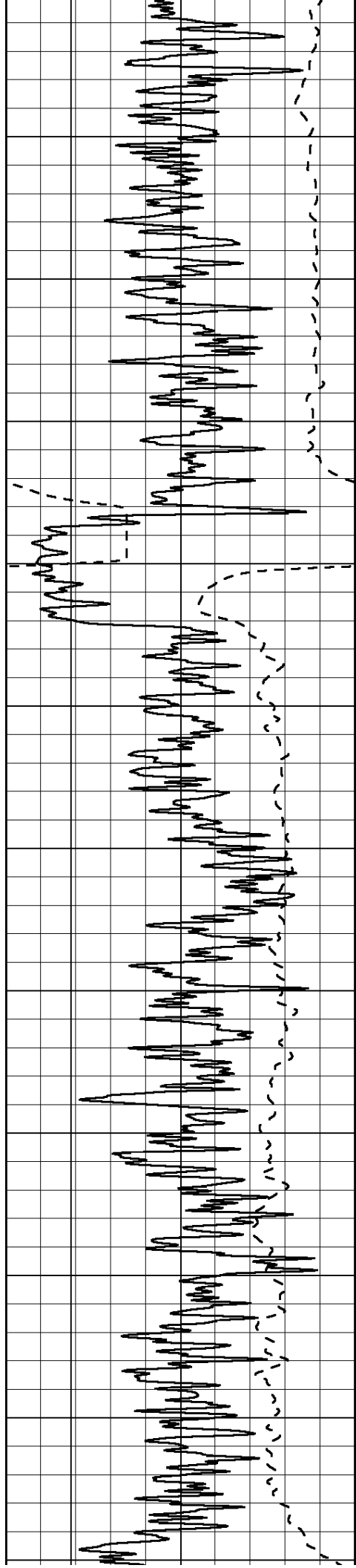
850

900

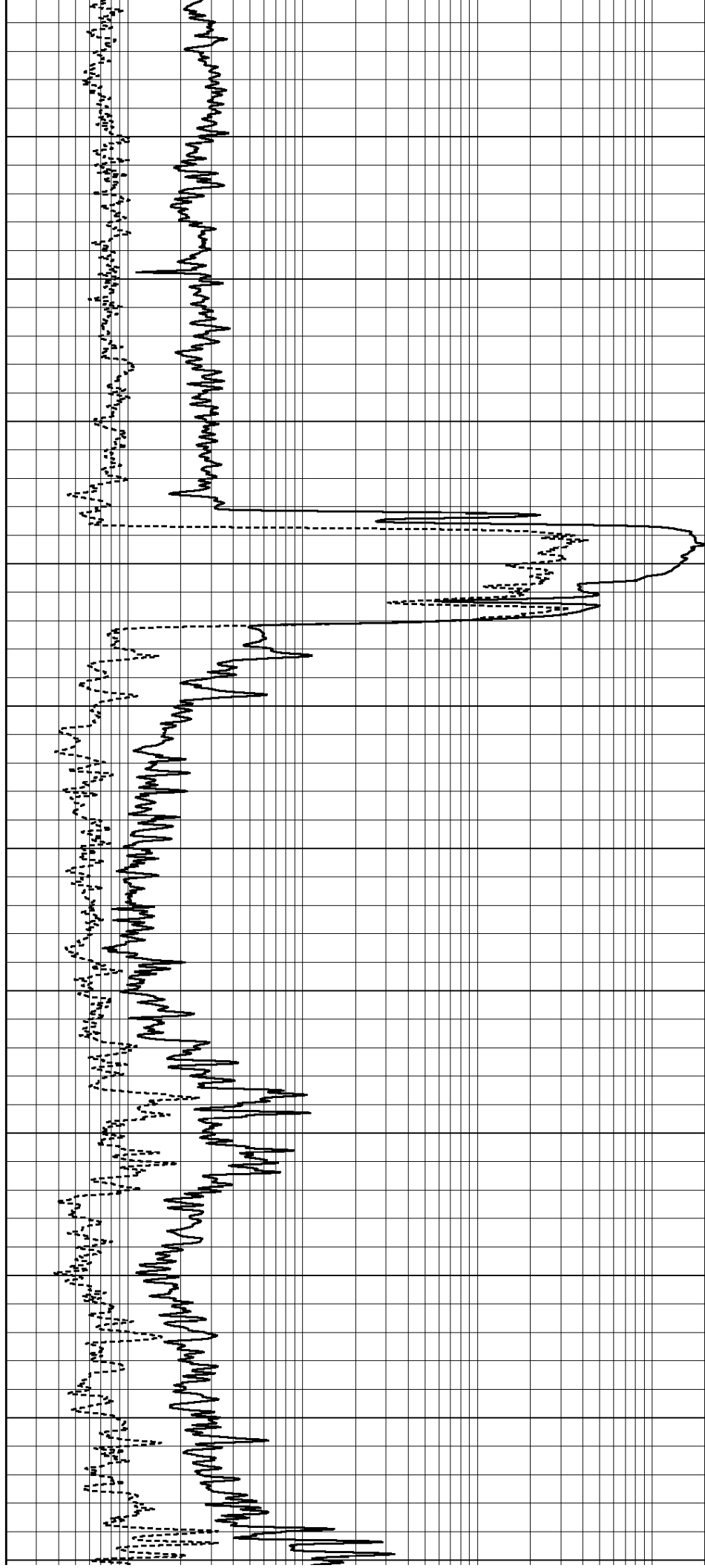
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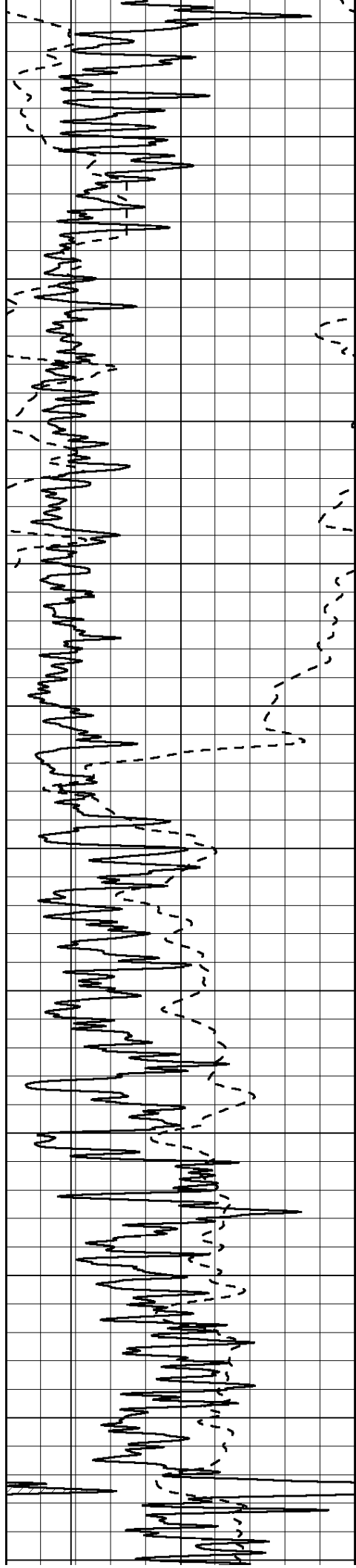
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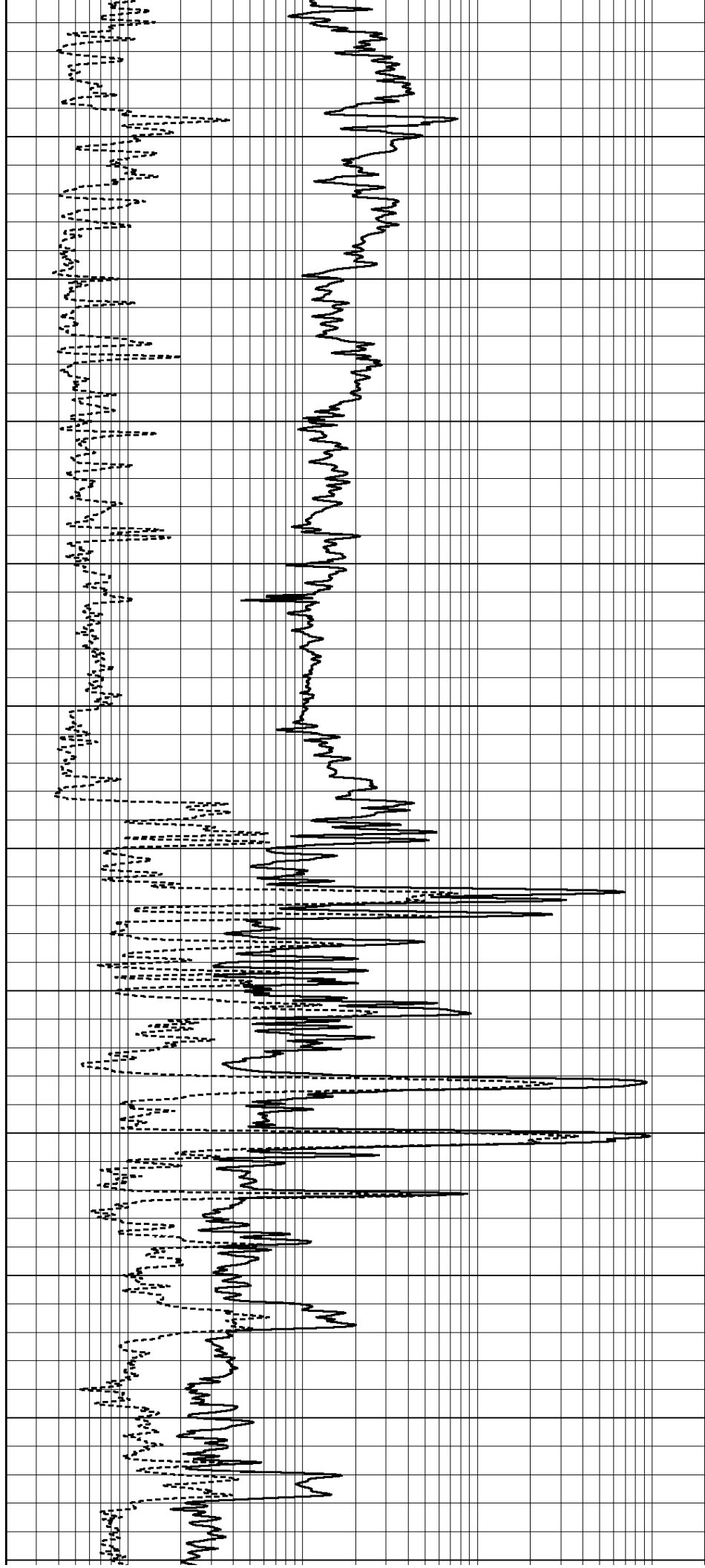


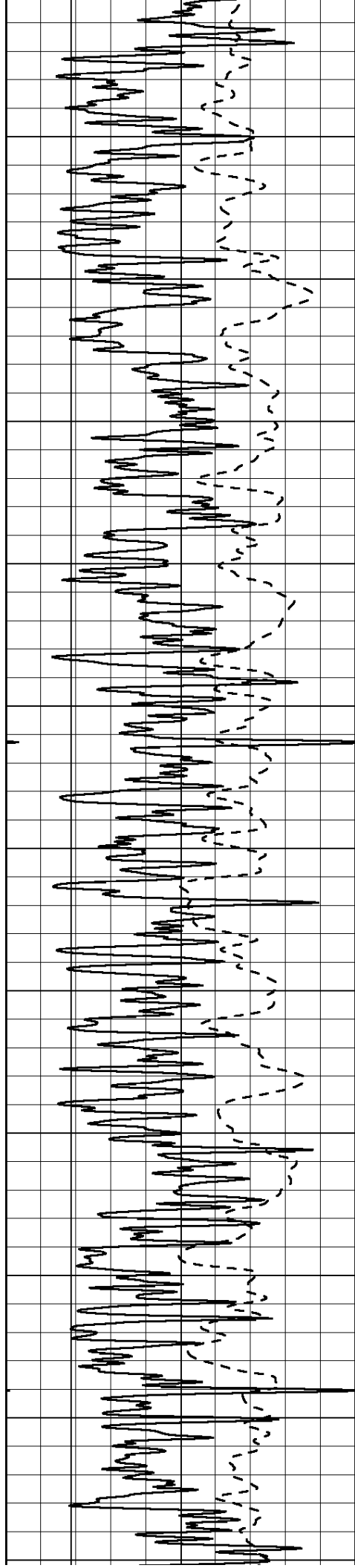
1000
1050
1100
1150
1200
1250
1300
1350
1400
1450
1500
1550





1950
1600
1650
1700
1750
1800
1850
1900
1950
2000
2050
2100





2150

2200

2250

2300

2350

2400

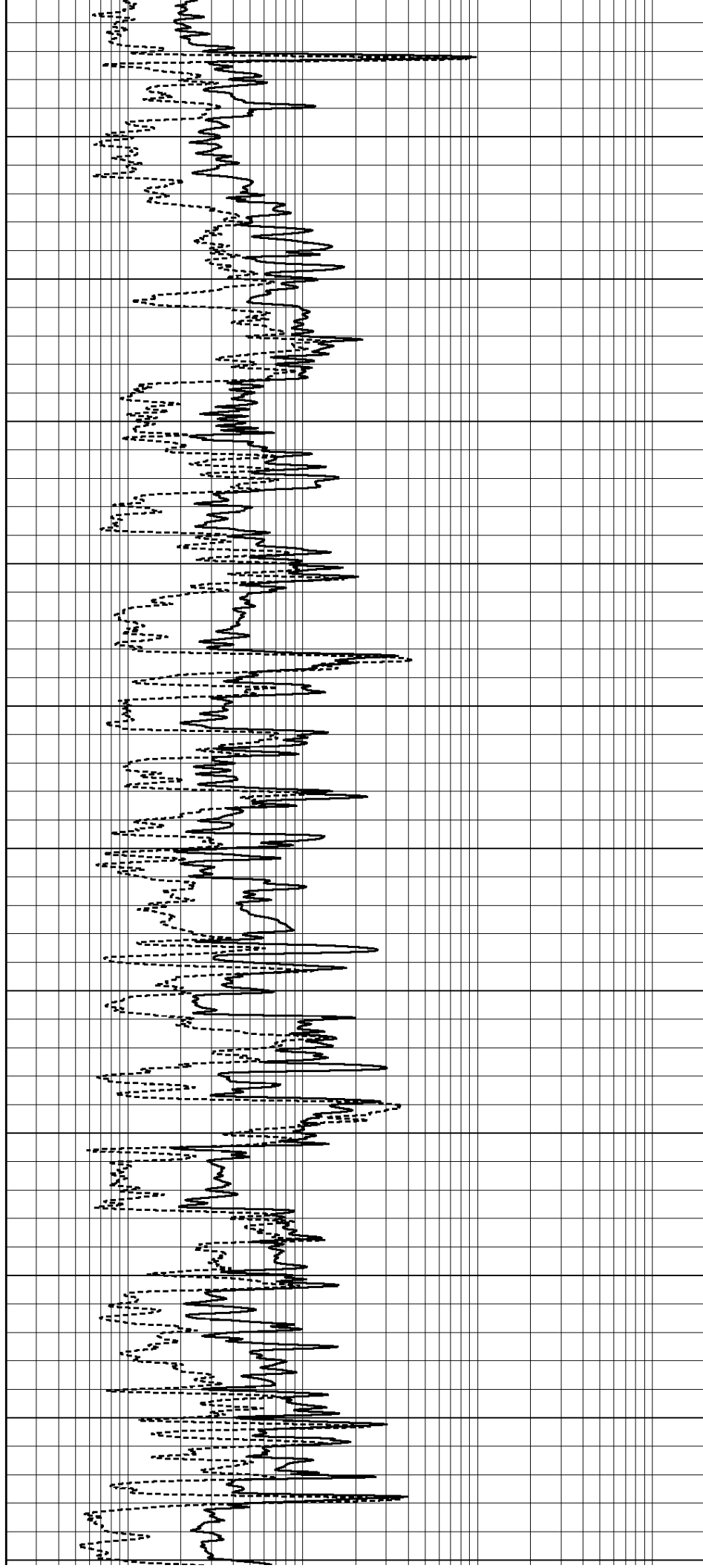
2450

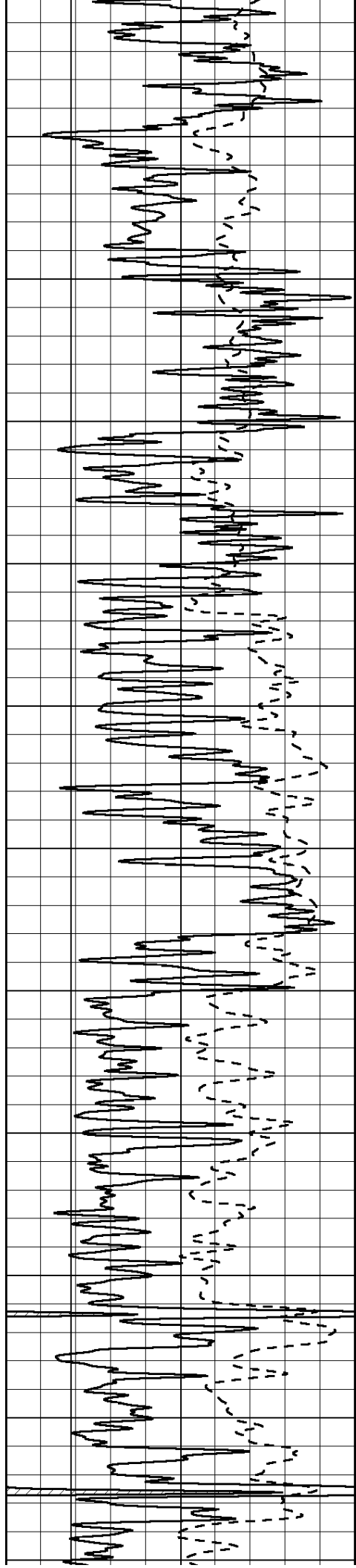
2500

2550

2600

2650





2700

2750

2800

2850

2900

2950

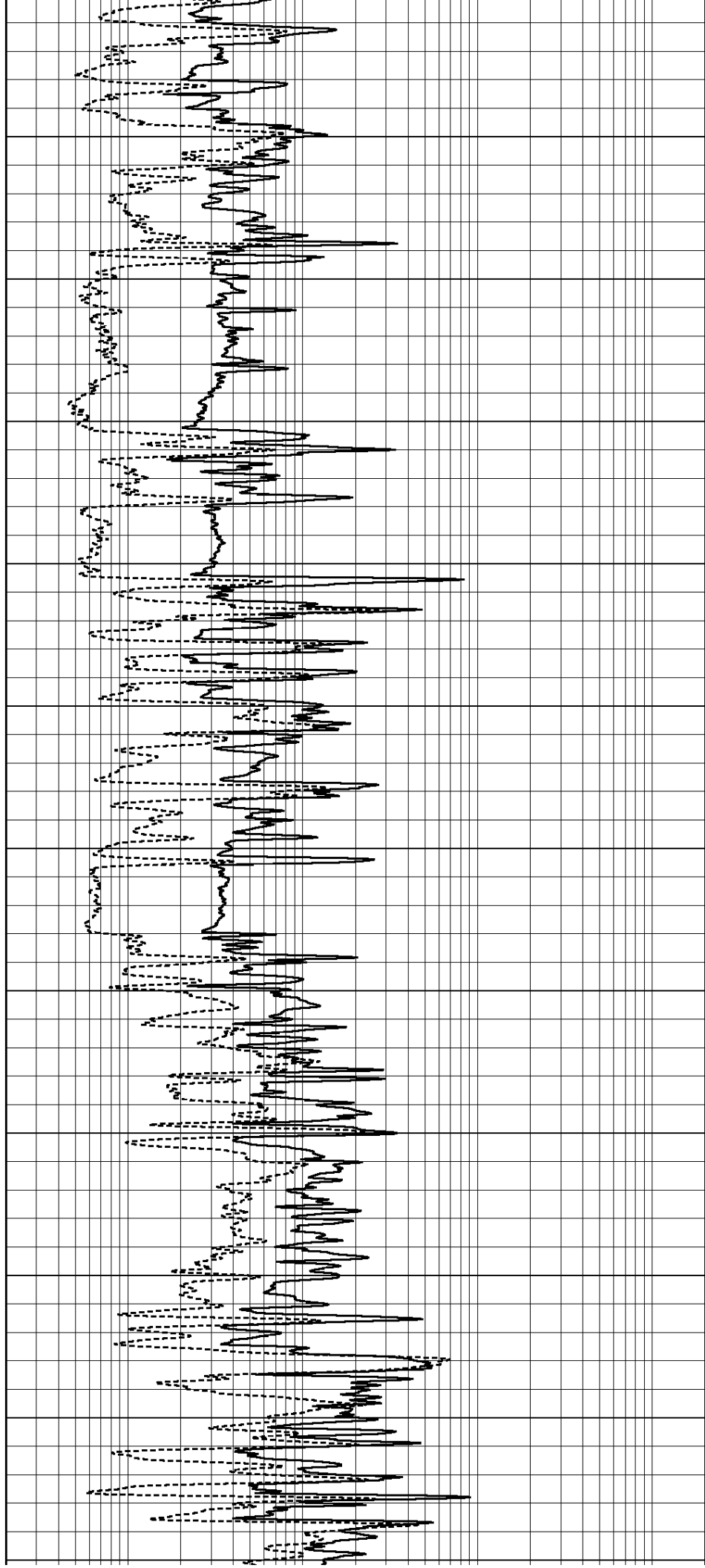
3000

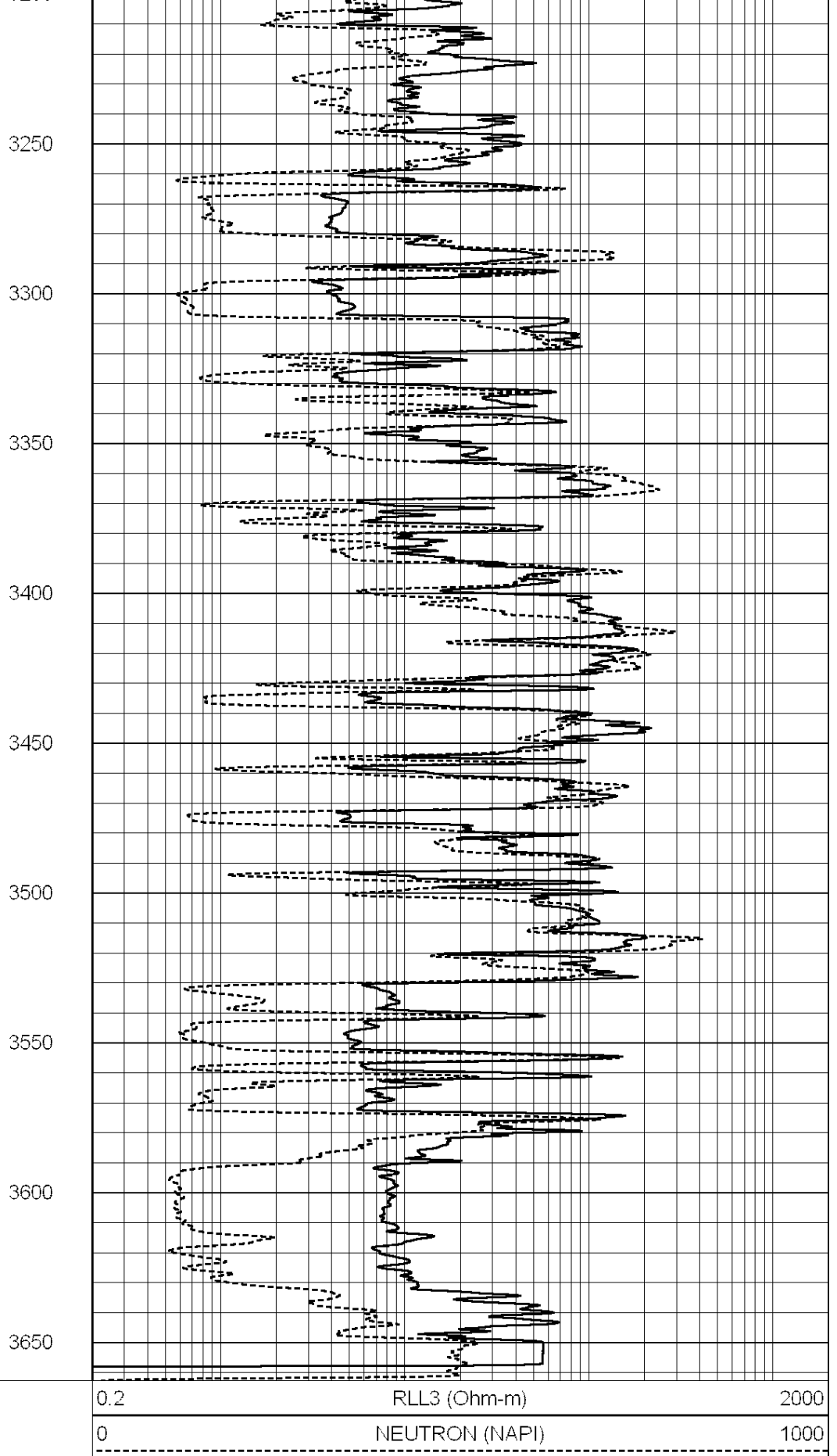
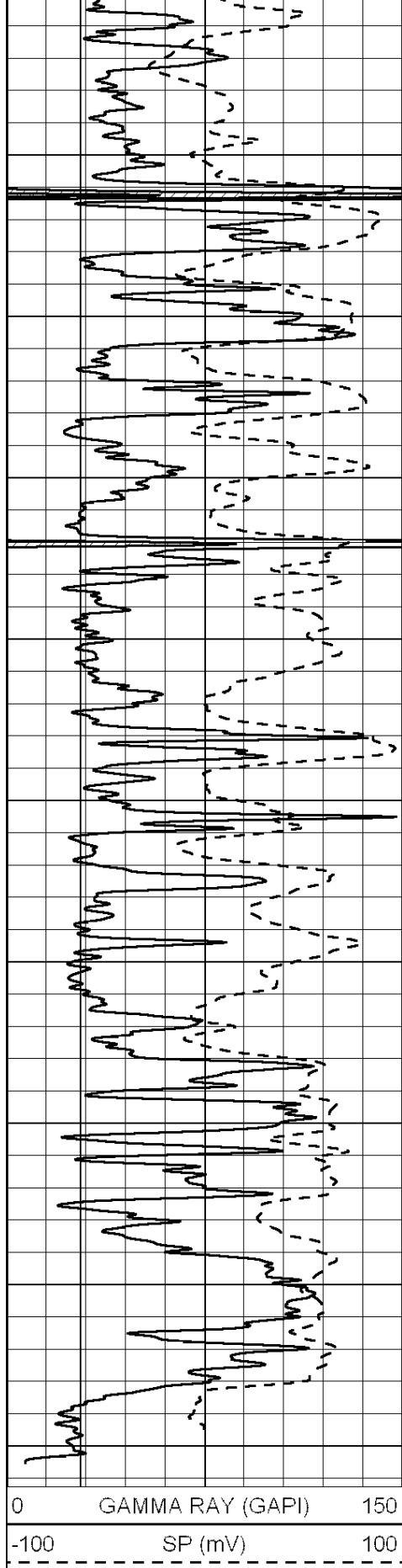
3050

3100

3150

3200





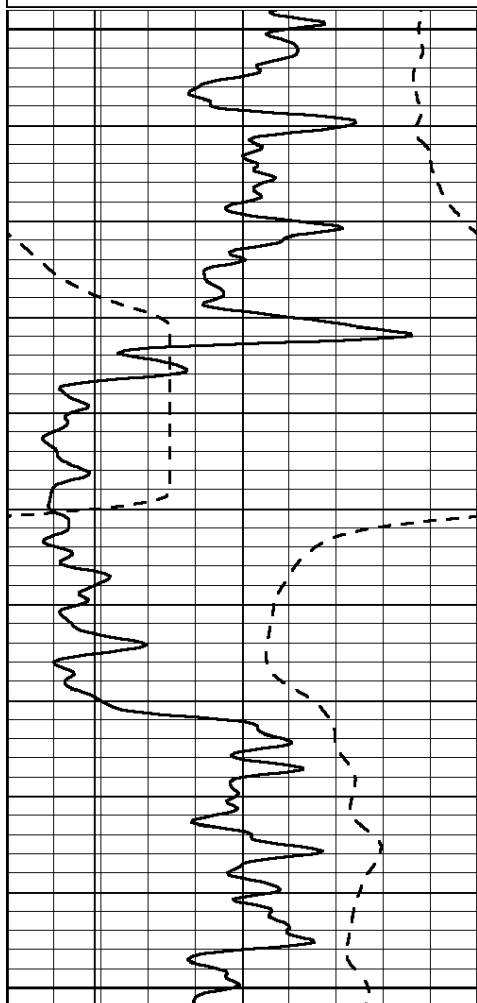
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ANHYDRITE

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 Dataset Pathname: pass4.2.1
 Presentation Format: rag2inch
 Dataset Creation: Mon Aug 05 17:10:15 2013 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

0 GAMMA RAY (GAPI) 150
 -100 SP (mV) 100

0.2 RLL3 (Ohm-m) 2000
 0 NEUTRON (NAPI) 1000

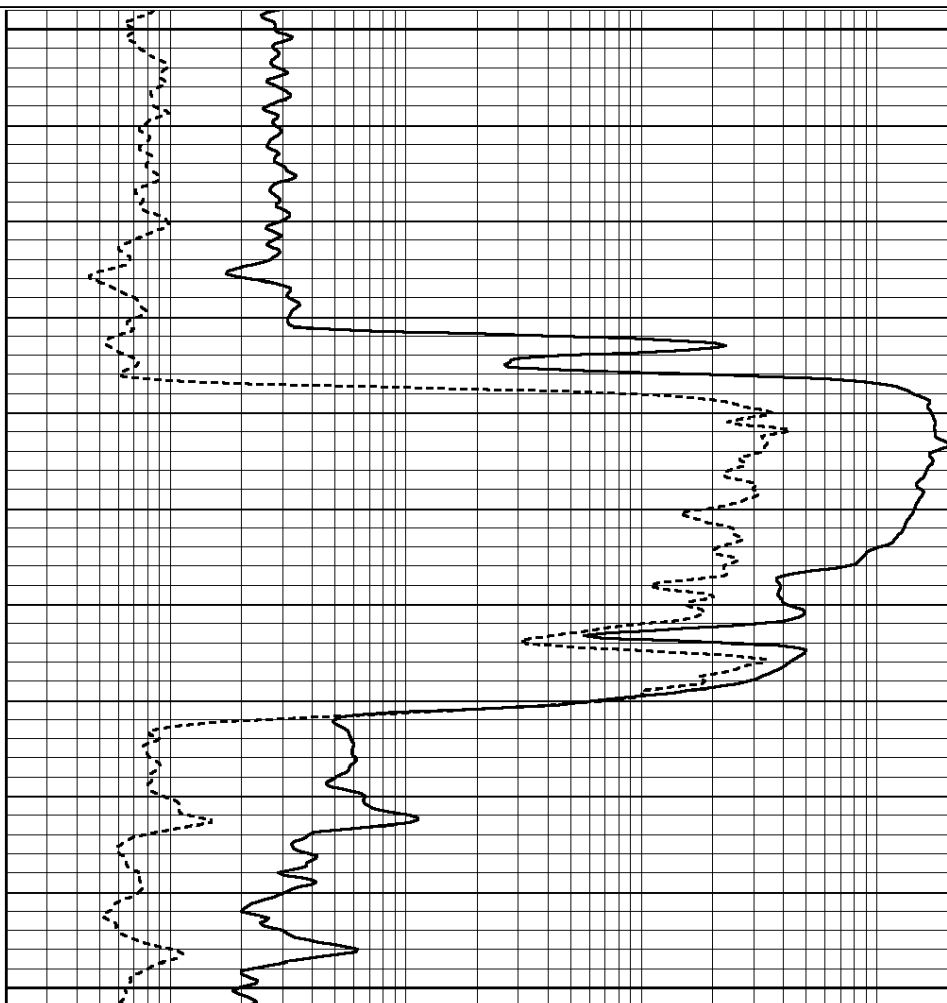


1150

1200

1250

0 GAMMA RAY (GAPI) 150
 -100 SP (mV) 100



0.2 RLL3 (Ohm-m) 2000
 0 NEUTRON (NAPI) 1000



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MAIN SECTION

Database File: 011582rag.db
 Dataset Pathname: pass4.1.1
 Presentation Format: rag
 Dataset Creation: Mon Aug 05 17:08:45 2013 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

0 GAMMA RAY (GAPI) 150
 -100 SP (mV) 100

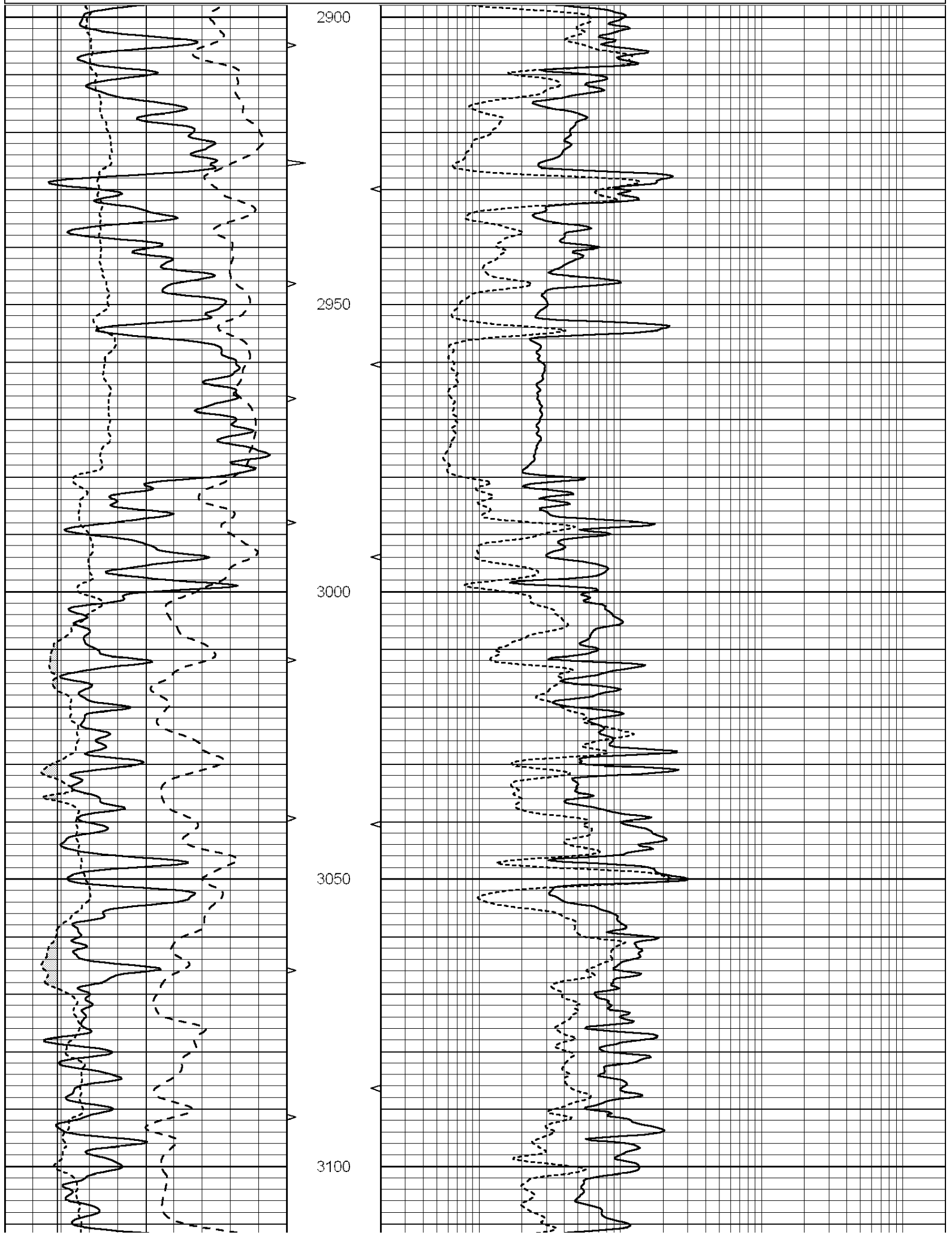
 6 CALIPER (in) 16

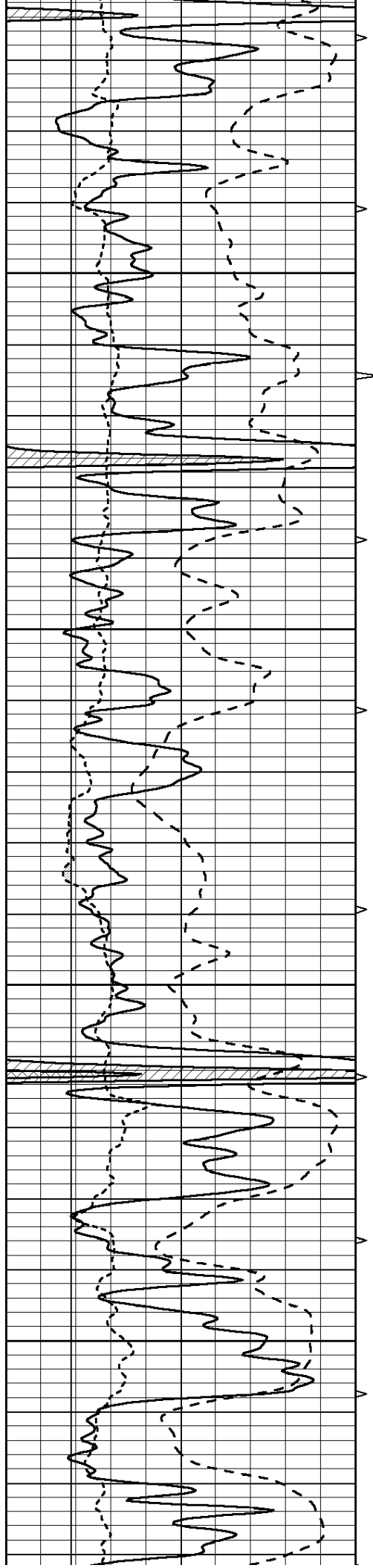
ABHV
 10 (ft3) 0
 TBHV

0 NEUTRON (NAPI) 1000

 GUARD

0 (ft3) 10



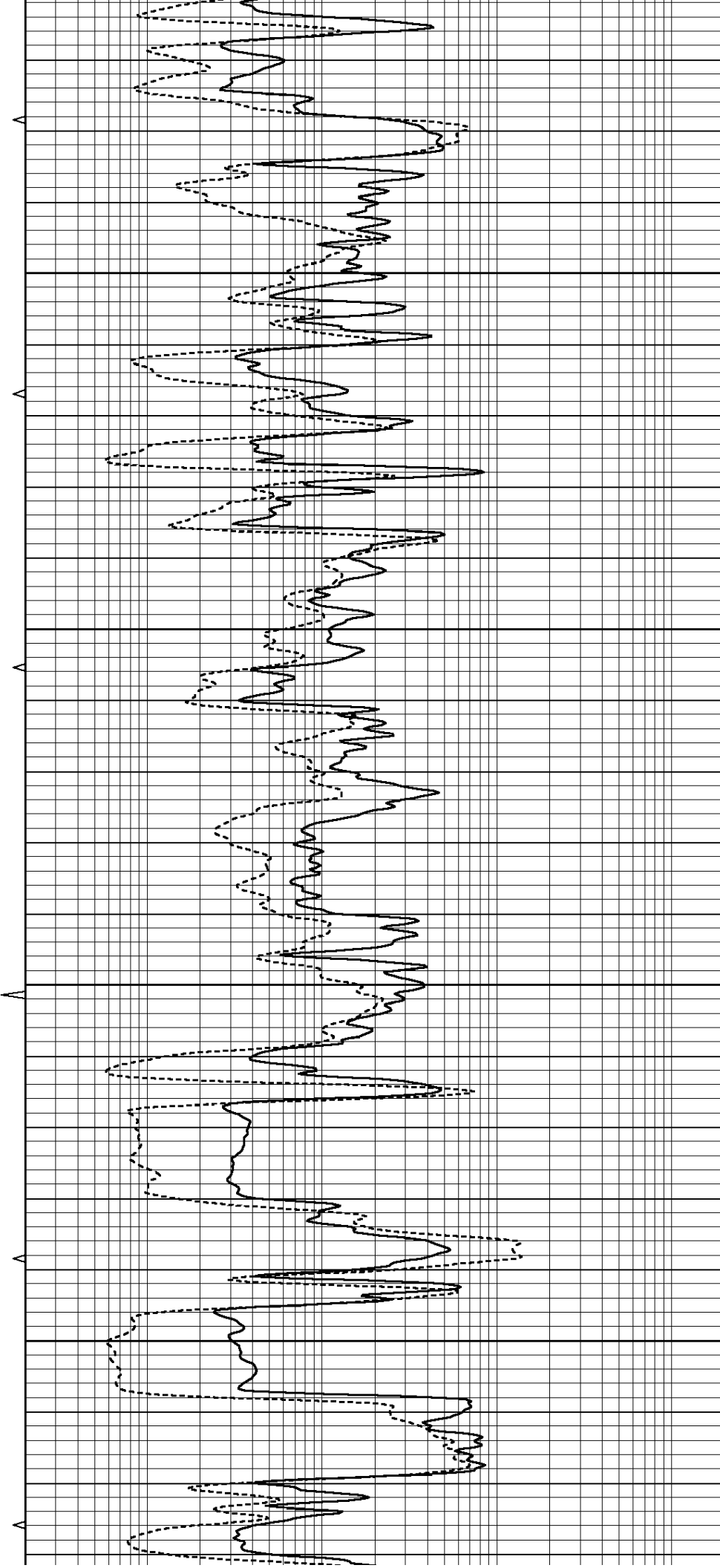


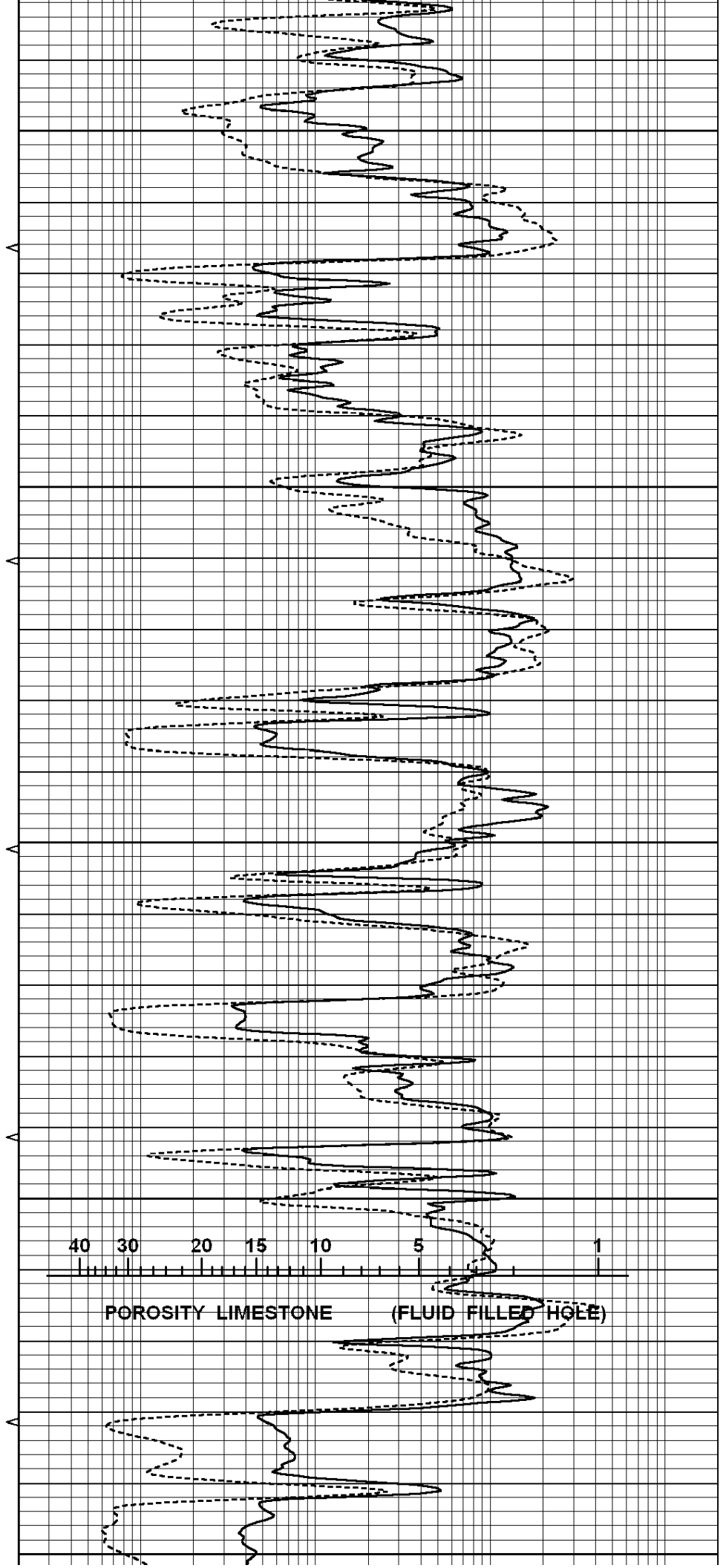
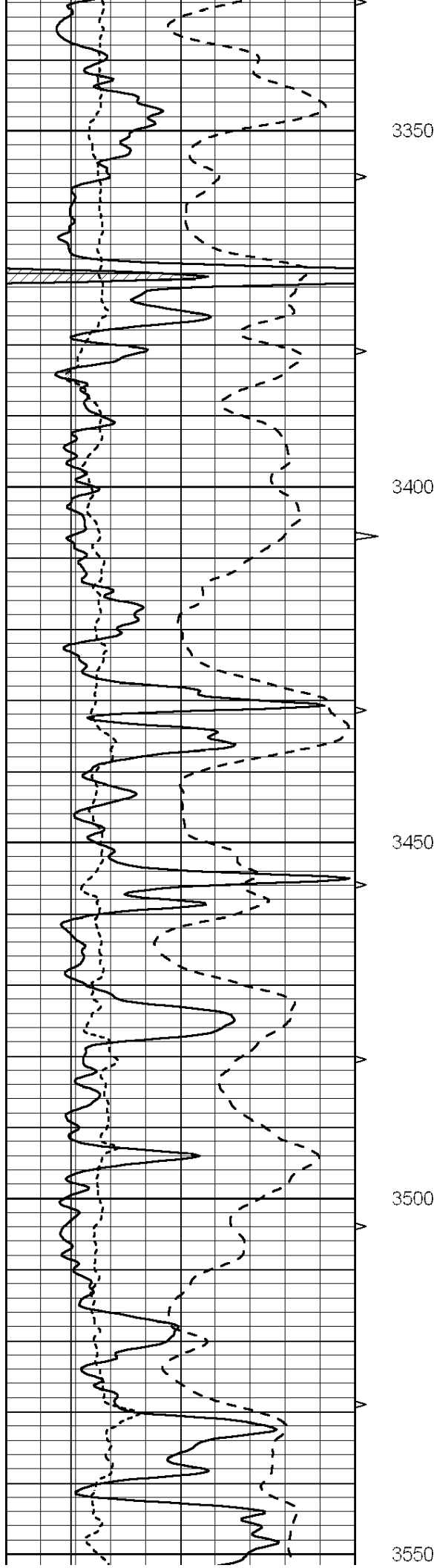
3150

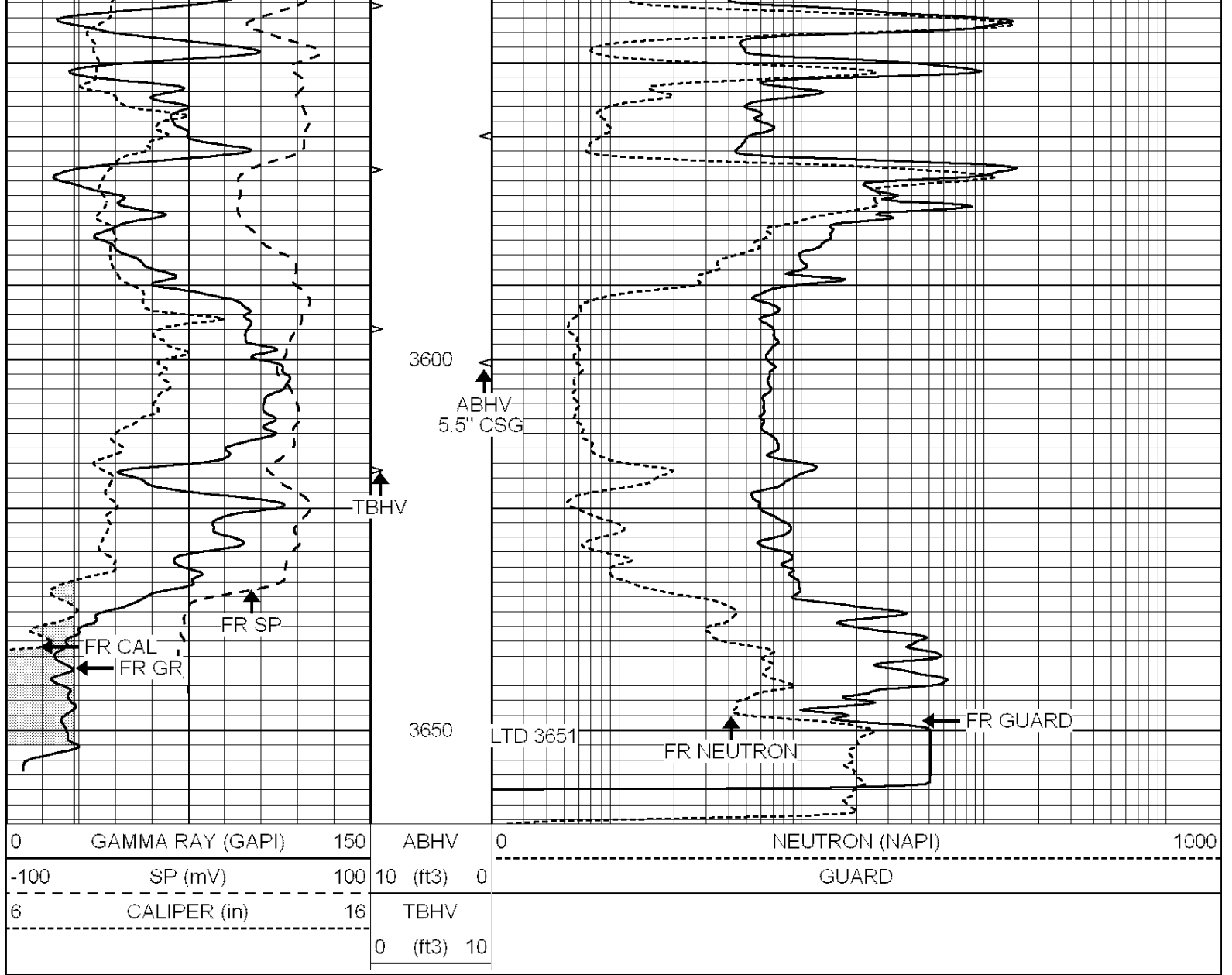
3200

3250

3300



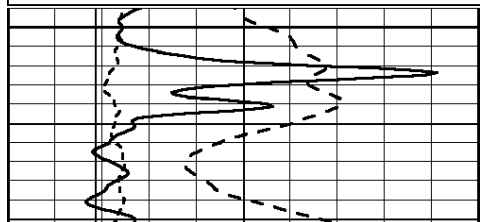
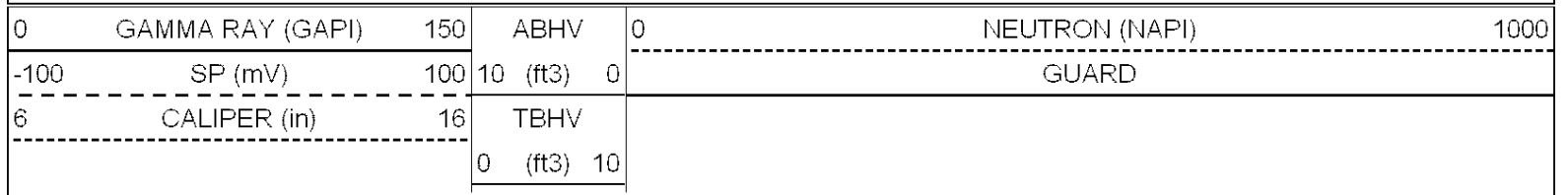




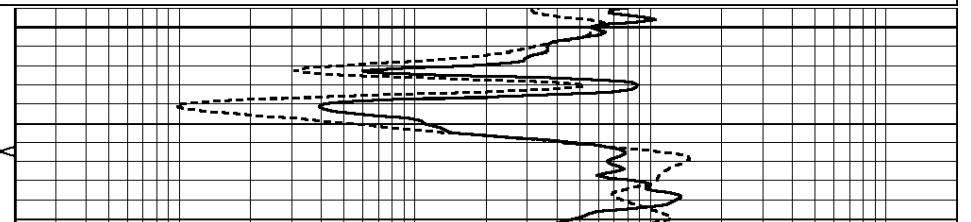
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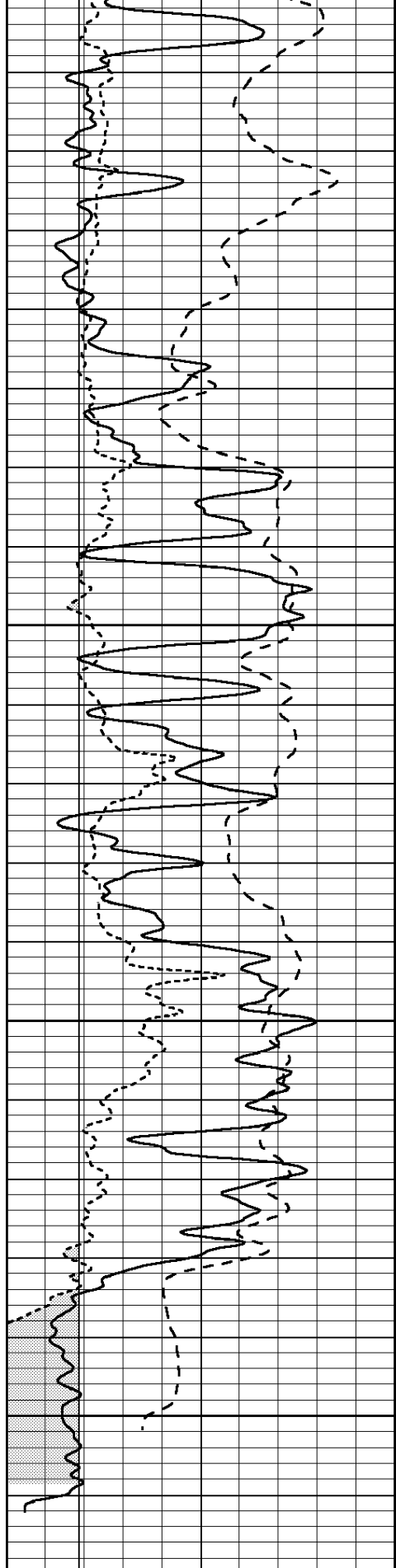
REPEAT SECTION

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 Dataset Pathname: pass3.1
 Presentation Format: rag
 Dataset Creation: Mon Aug 05 16:11:25 2013 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240



3450





3500

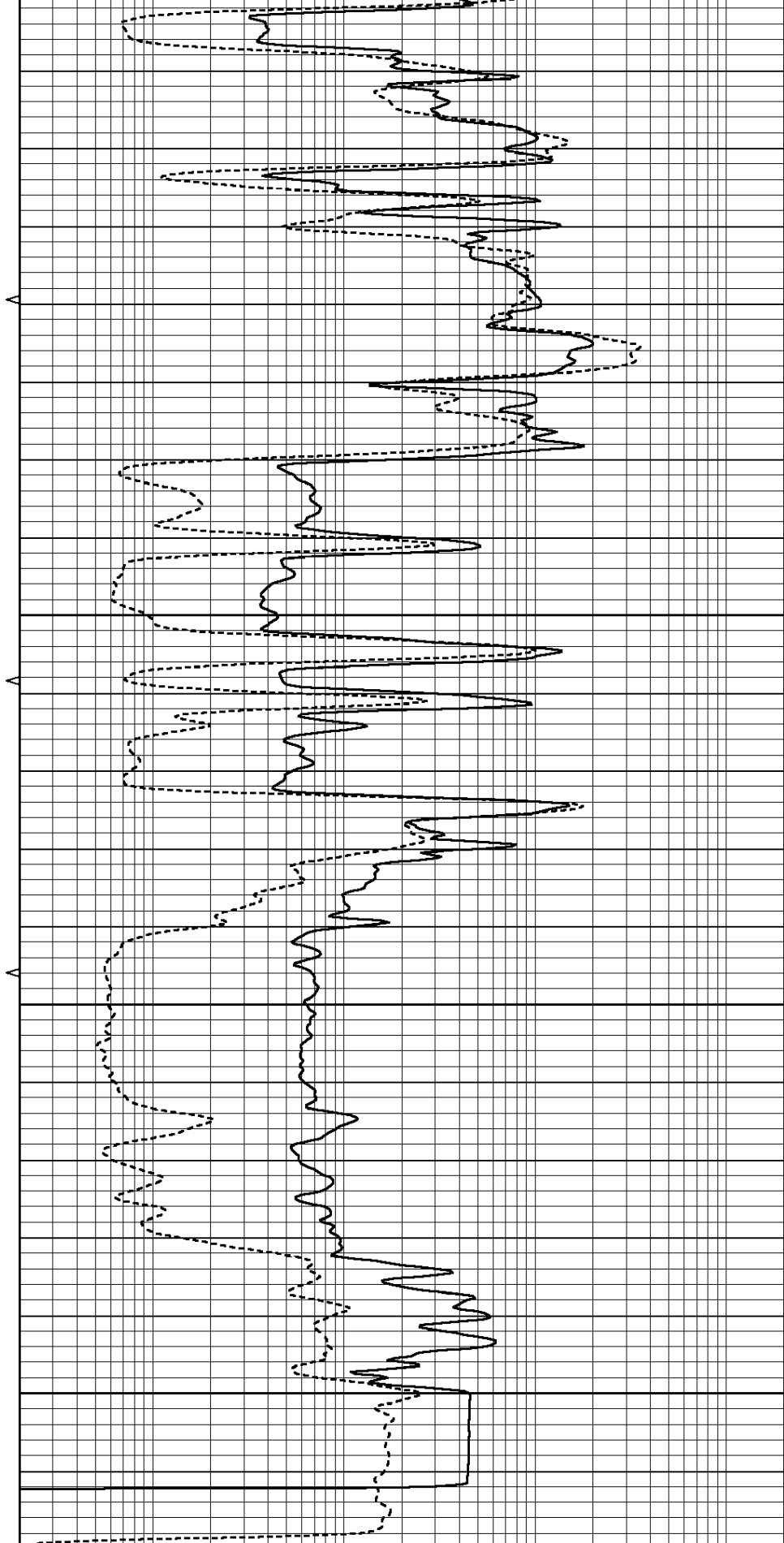
3550

3600

3650

0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
6	CALIPER (in)	16

ABHV
10 (ft3) 0
TBHV
0 (ft3) 10



0	NEUTRON (NAPI)	1000
GUARD		