



SUPERIOR
Hays,
Kansas

RADIATION GUARD LOG

Company	RITCHIE EXPLORATION, INC.		
Well	RODENBERG - PEMBER #1		
Field	WILDCAT		
County	SCOTT	State	KANSAS
Location:	API # : 15-171-20718-0000	Other Services	
960' FNL & 100' FWL		SP	
SEC 12 TWP 17S RGE 31W		Elevation	
Permanent Datum	GROUND LEVEL	Elevation	2904
Log Measured From	KELLY BUSHING 9' A.G.L.	K.B. 2913	
Drilling Measured From	KELLY BUSHING	D.F. 2911	
		G.L. 2904	
Date	3/8/09		
Run Number	CNE		
Depth Driller	4600		
Depth Logger	4600		
Bottom Logged Interval	4599		
Top Log Interval	00		
Casing Driller	8 5/8"@234'		
Casing Logger	234		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 1,300 PPM	
Density / Viscosity	9.4/56		
pH / Fluid Loss	10.5/6.8		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	1.30@63F		
Rmf @ Meas. Temp	.975@63F		
Rmc @ Meas. Temp	1.56@63F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.677@121F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	1:15 A.M.		
Maximum Recorded Temperature	121F		
Equipment Number	0836		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	STEVE CARL		

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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 SUPERIOR WELL SERVICE HAYS, KANSAS (785)628-6395
DIRECTIONS
HEALY, KS. 5W. ON HWY 4 (1 MILE W. OF LANE/SCOTT COUNTY LINE) 1/2S., E. INTO

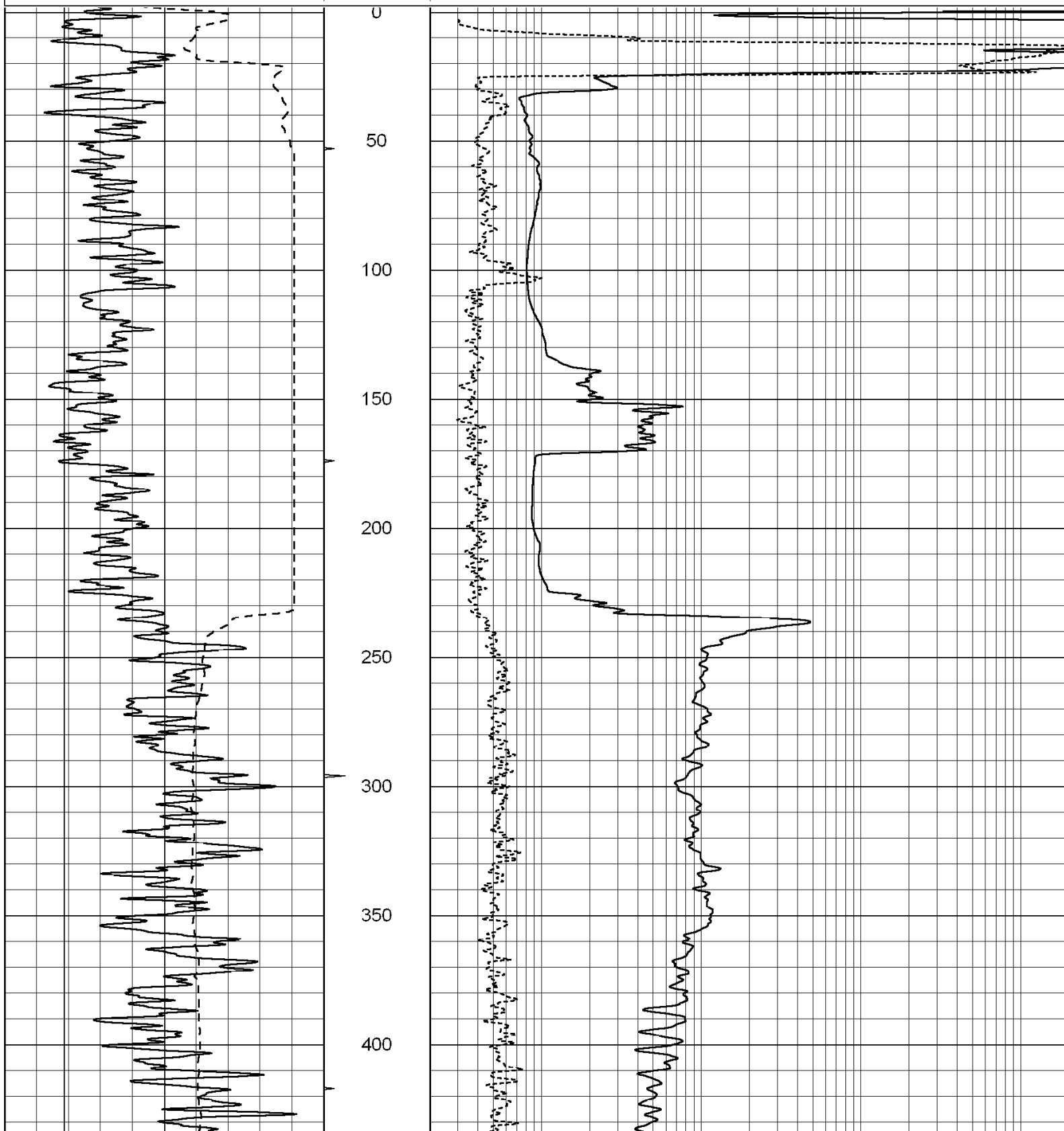


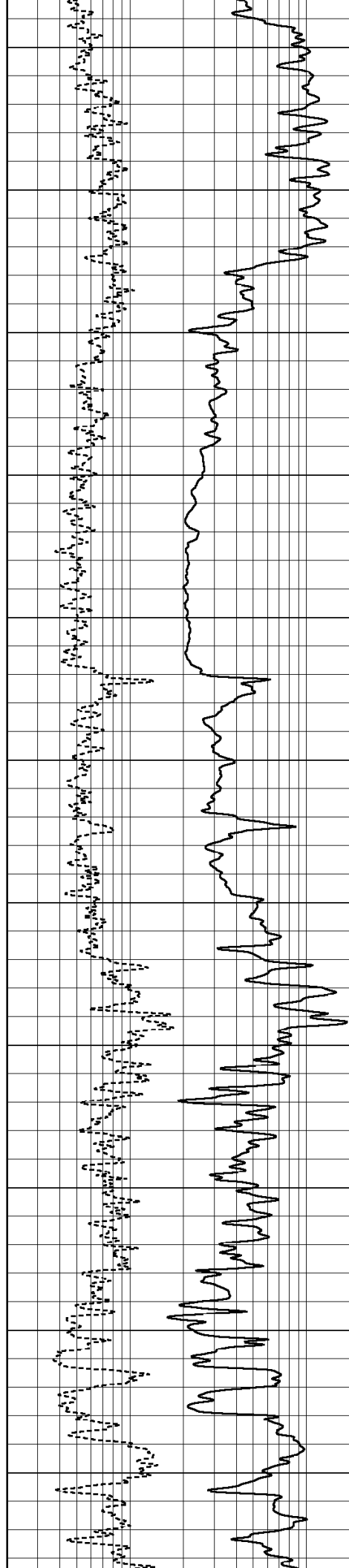
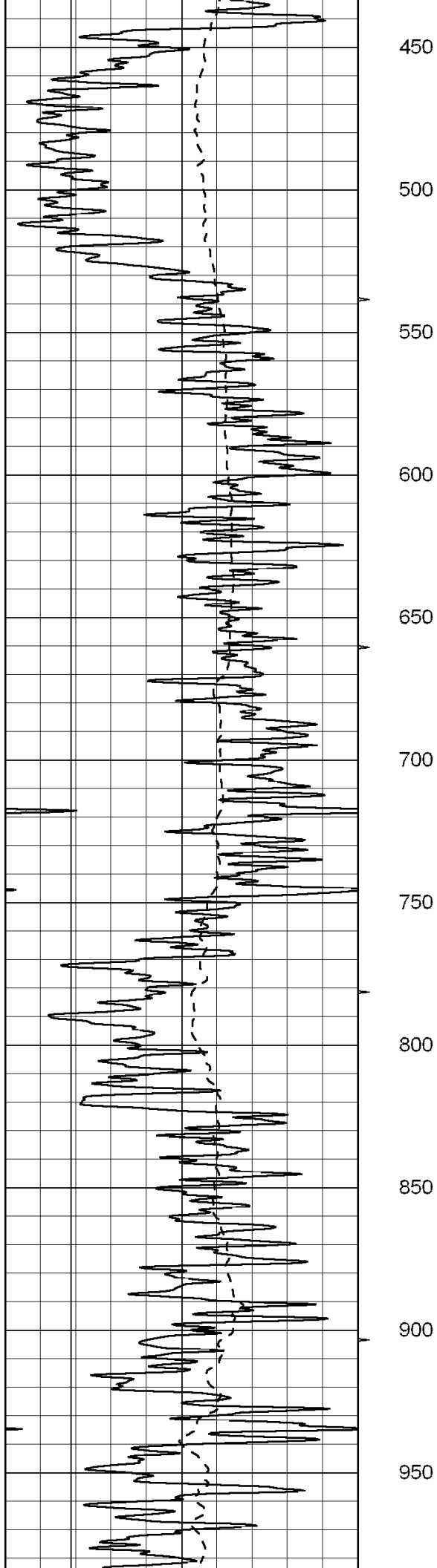
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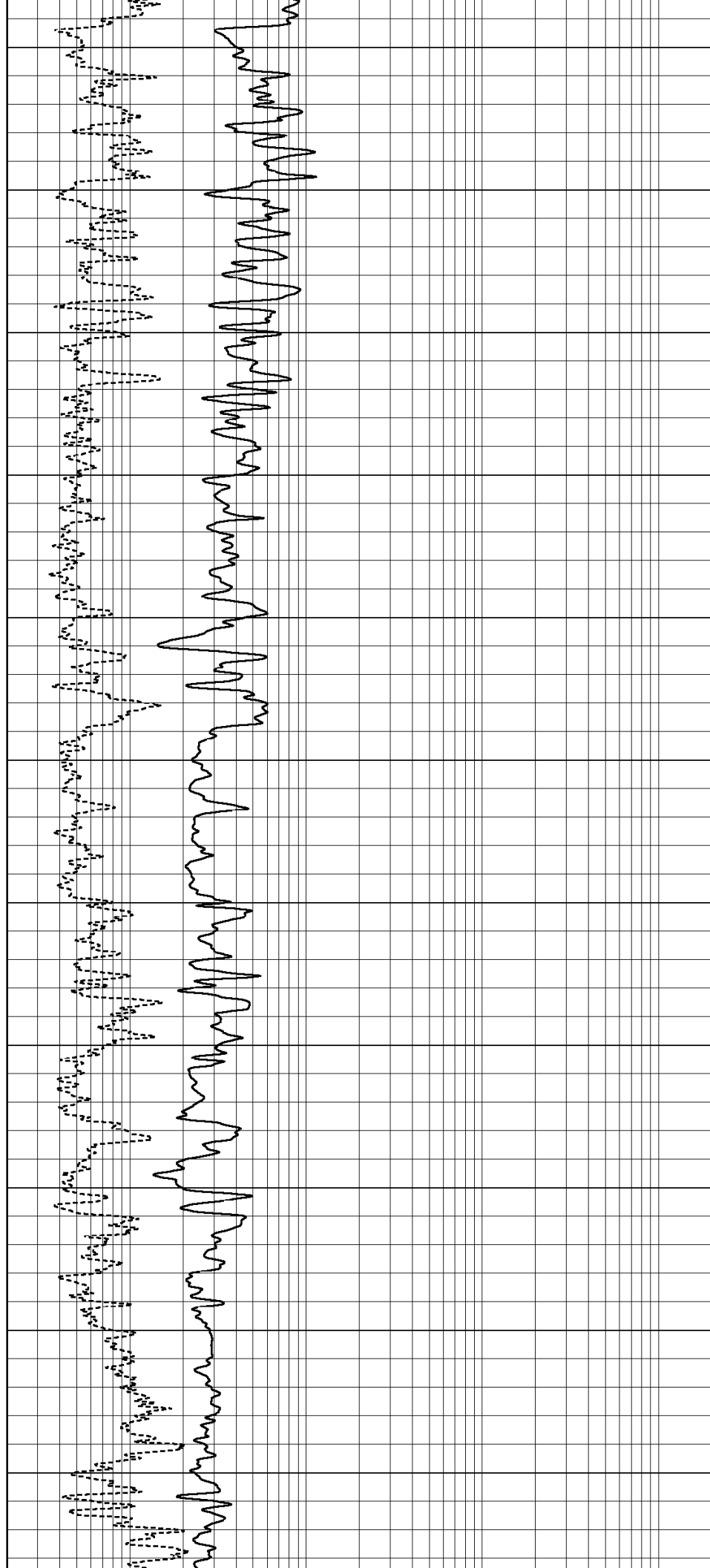
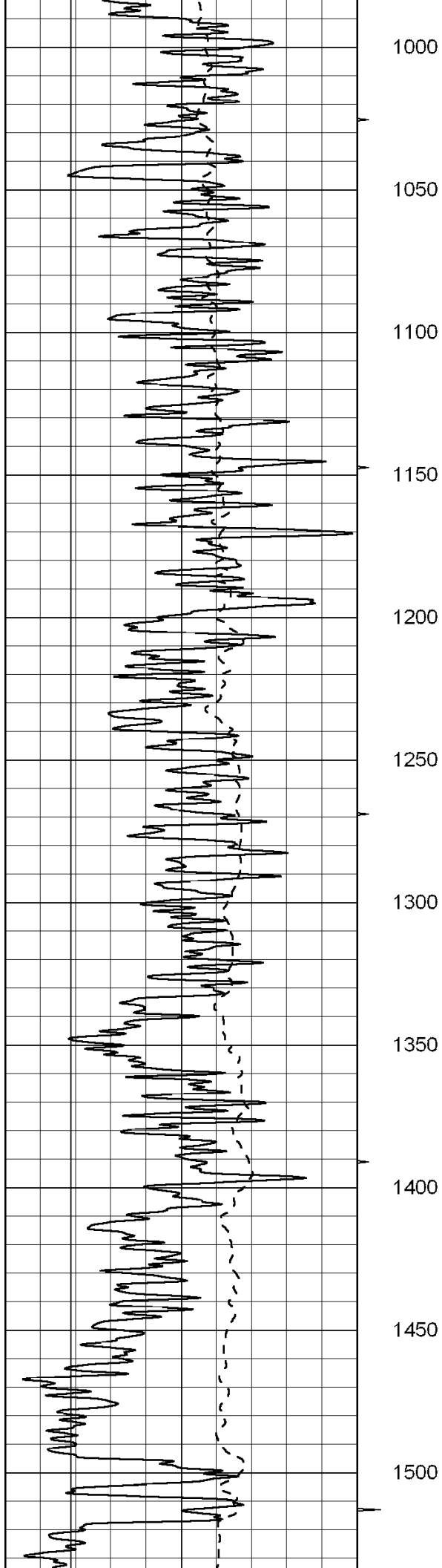
MAIN SECTION

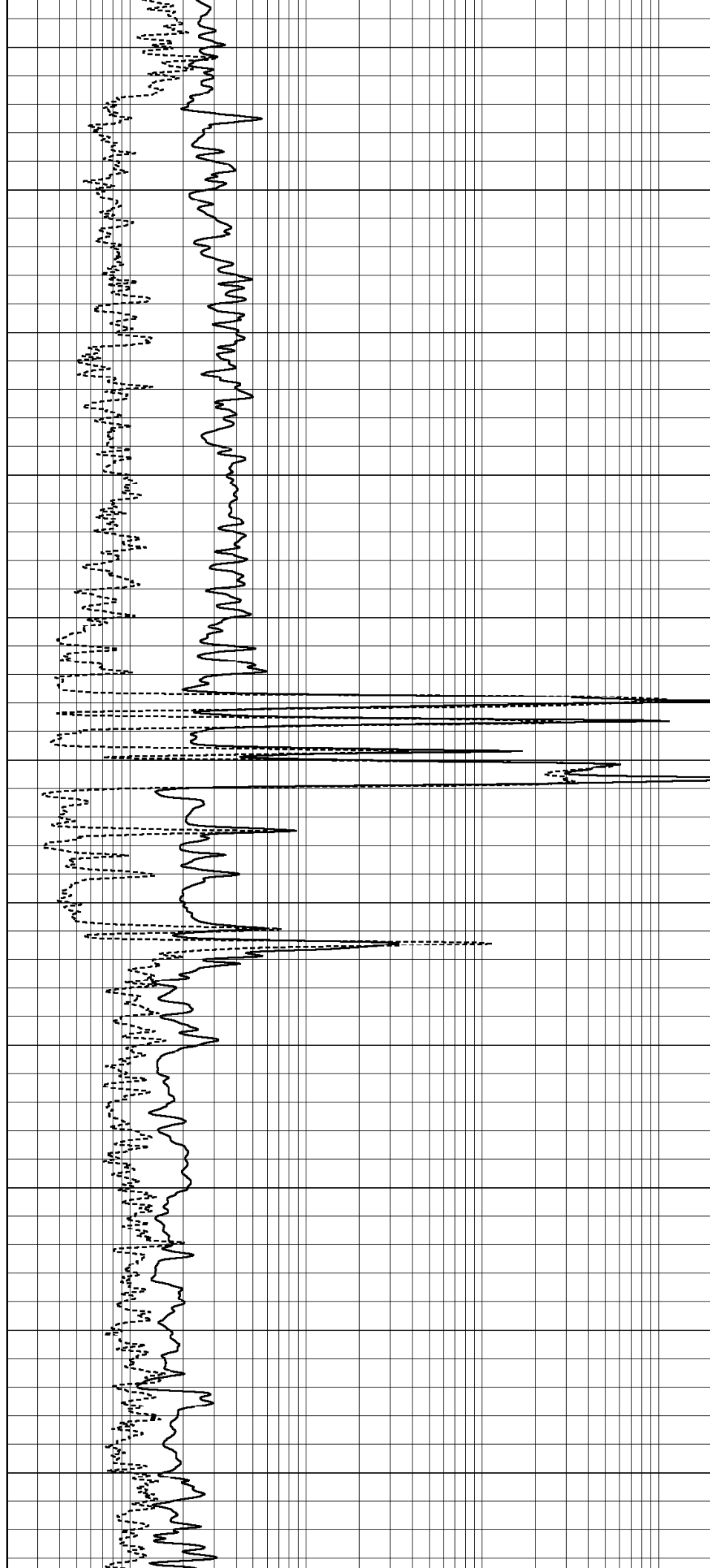
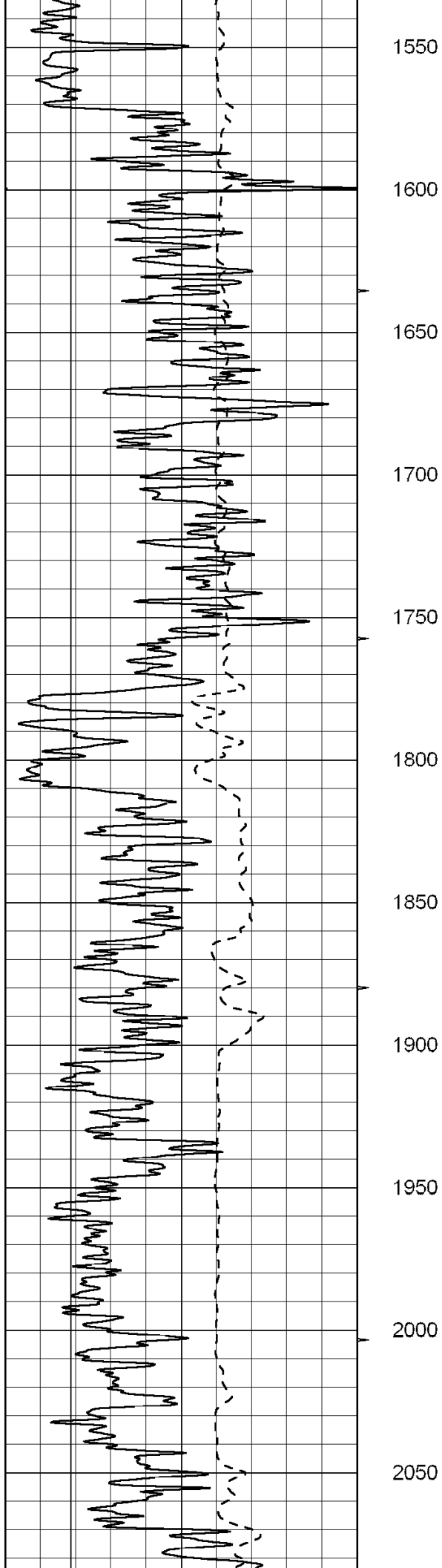
Database File: 003100rag.db
 Dataset Pathname: pass3.10
 Presentation Format: rag2inch
 Dataset Creation: Mon Mar 09 02:30:20 2009
 Charted by: Depth in Feet scaled 1:600

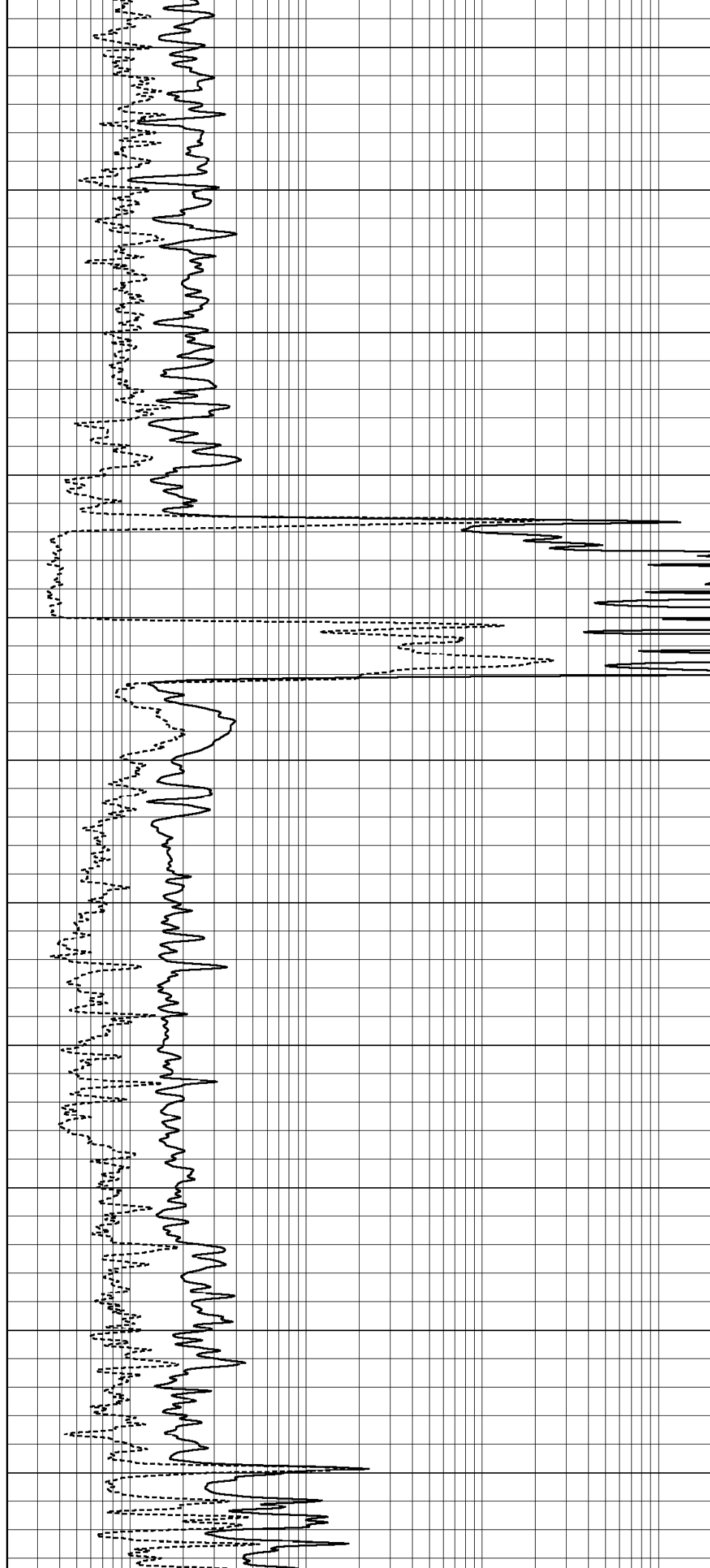
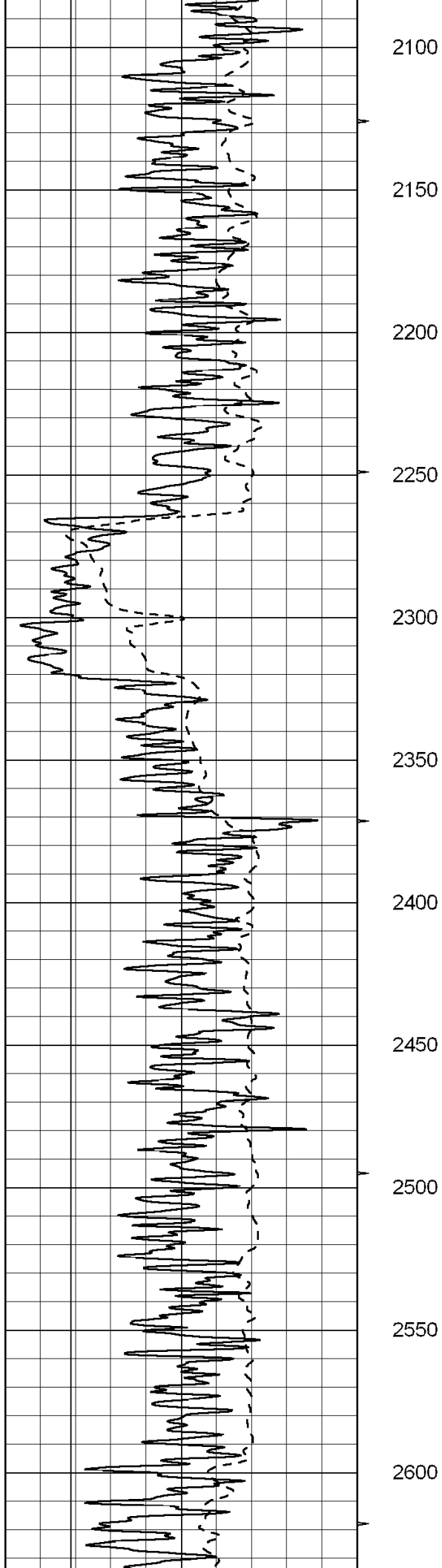
0	GAMMA RAY (GAPI)	150	ABHV	0.2	GUARD (Ohm-m)	2000
-100	SP (mV)	100	10 (ft3) 0	0	NEUTRON (NAPI)	1000
			TBHV			
			0 (ft3) 10			

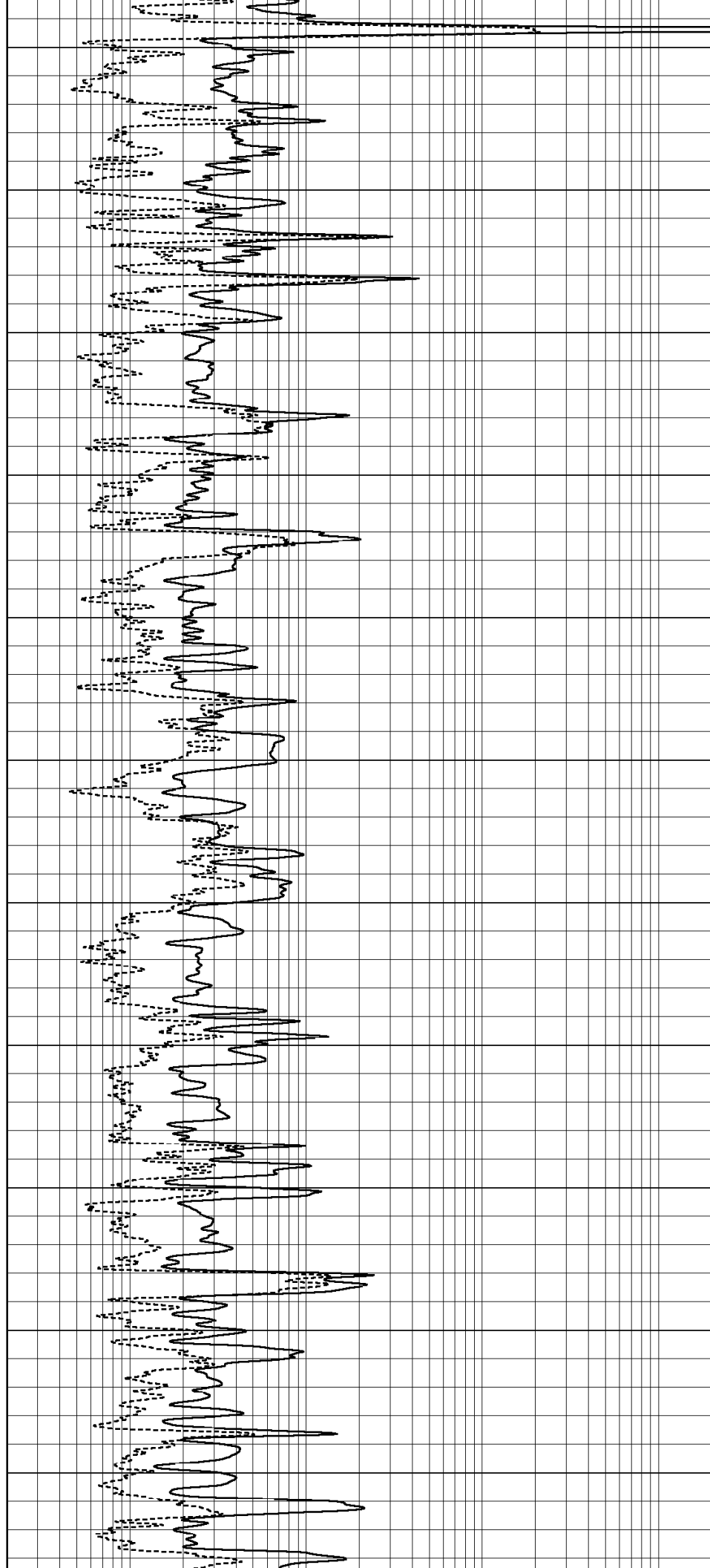
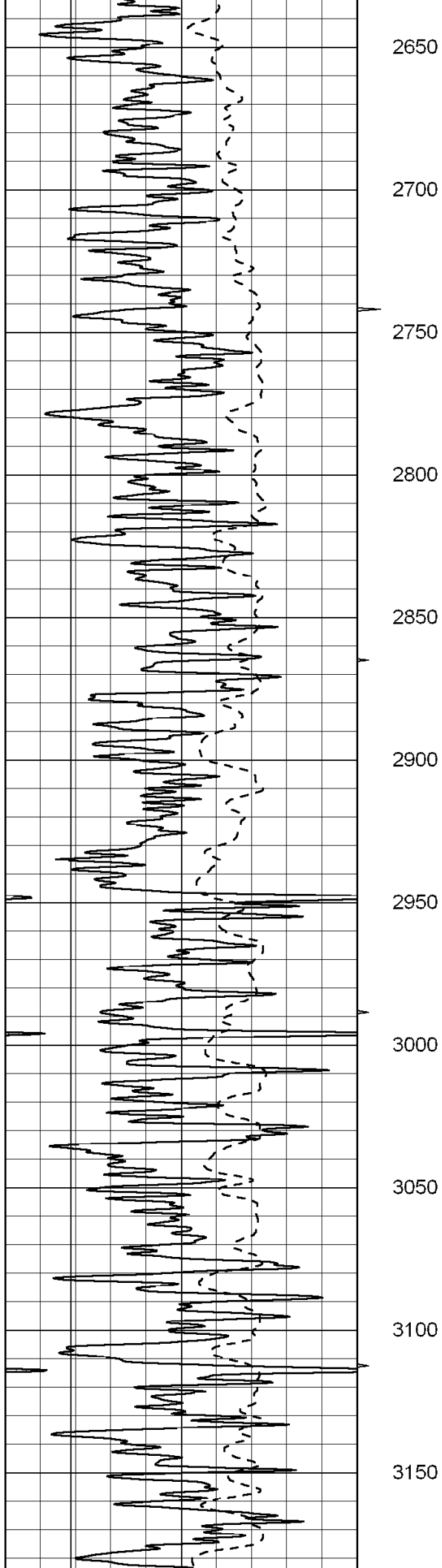


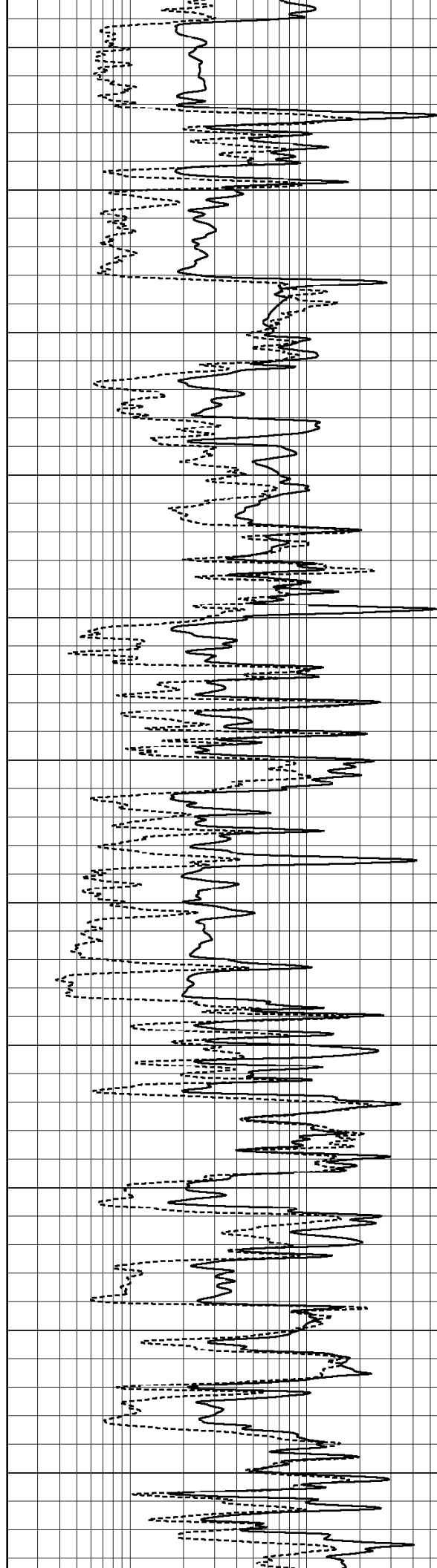
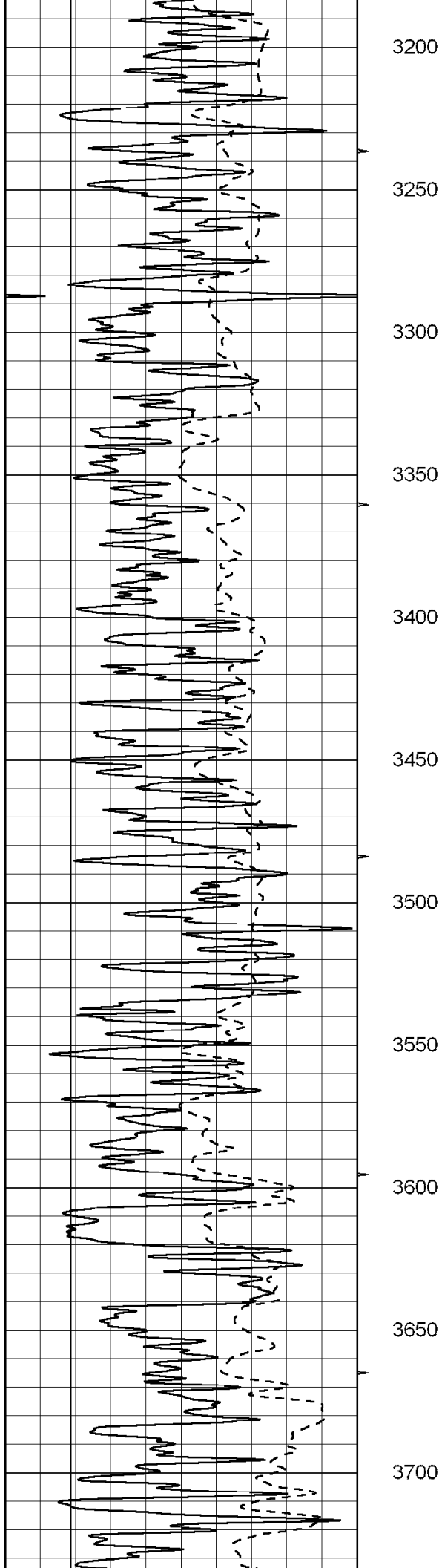


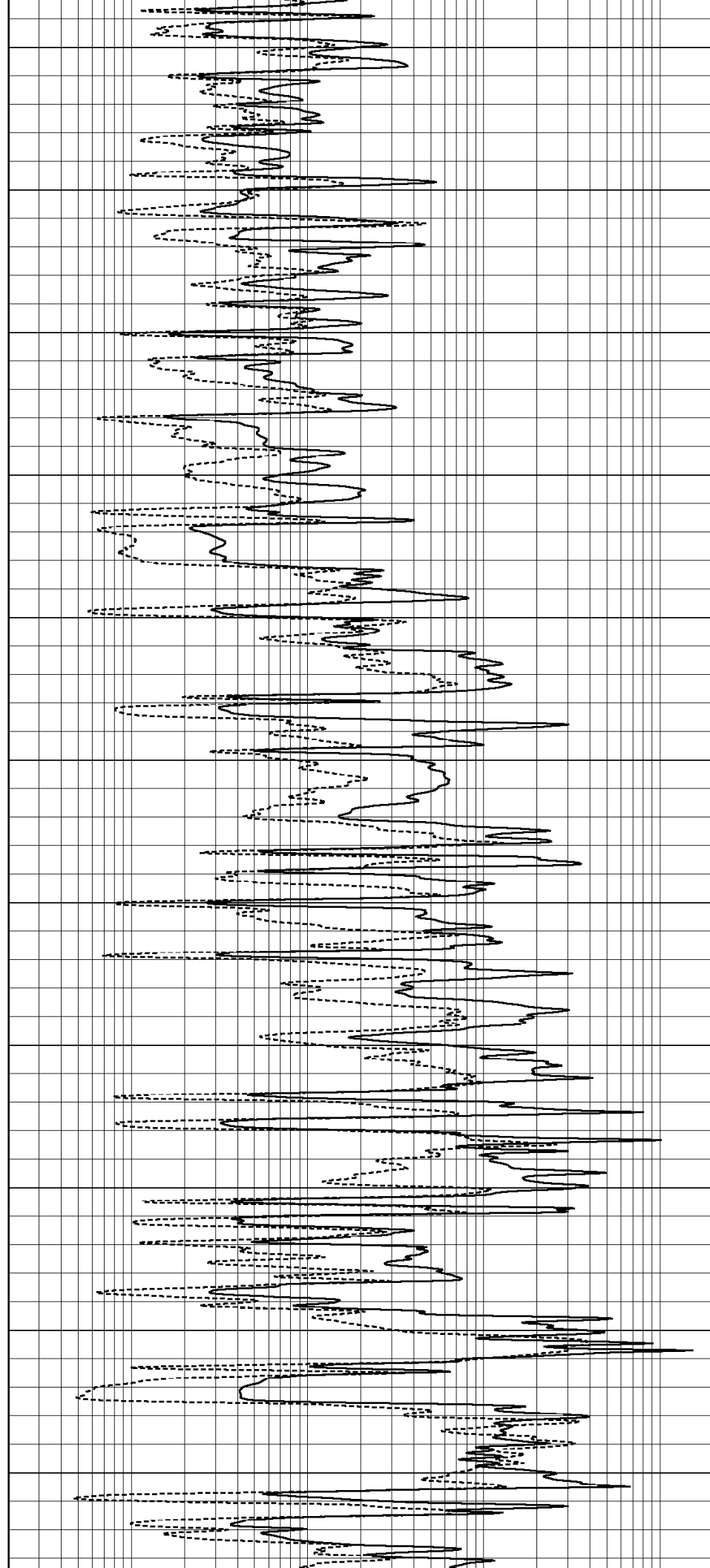
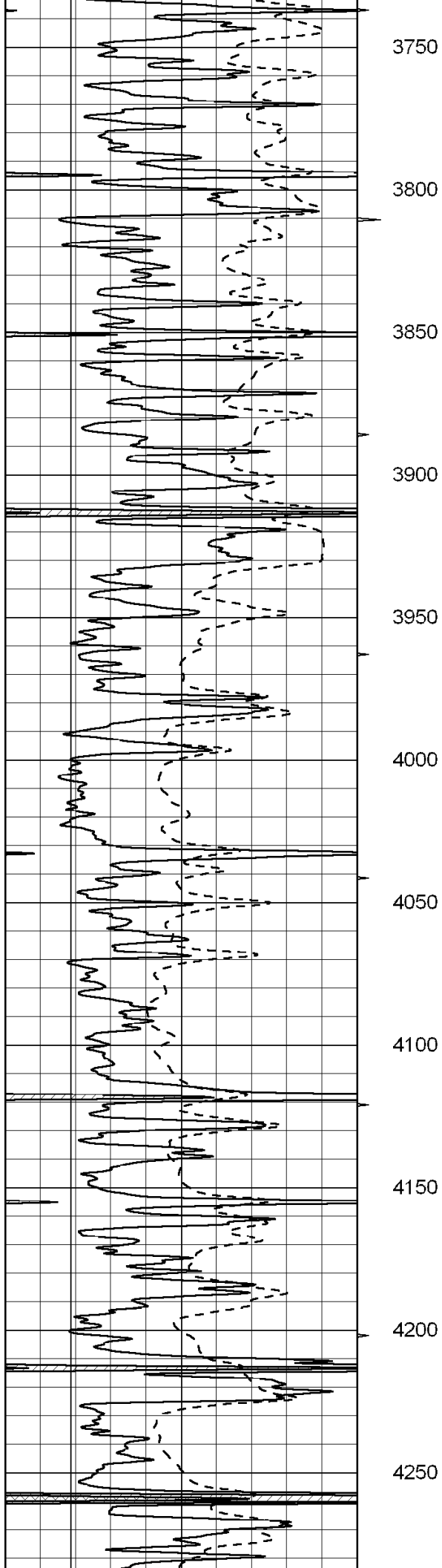


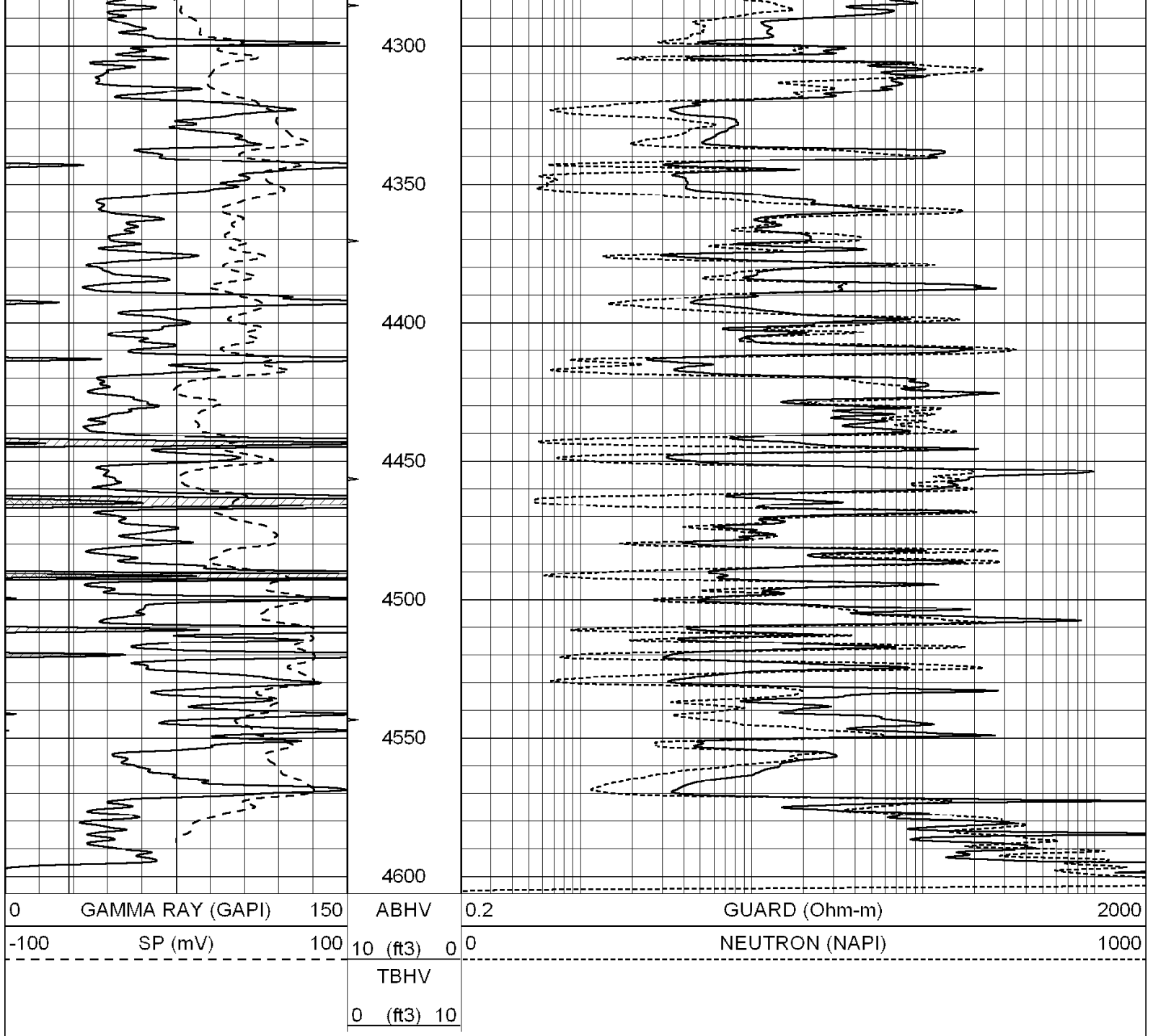








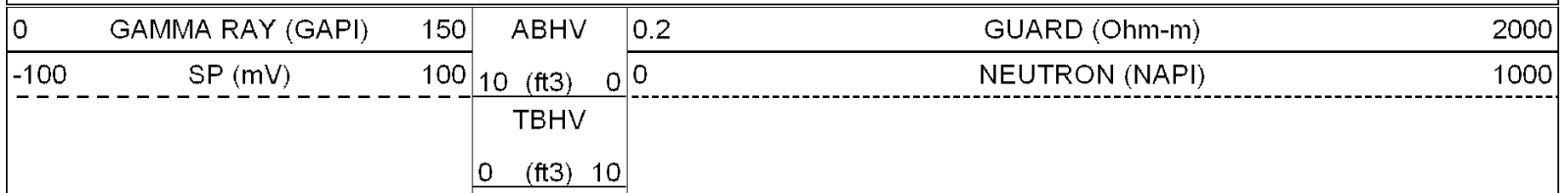


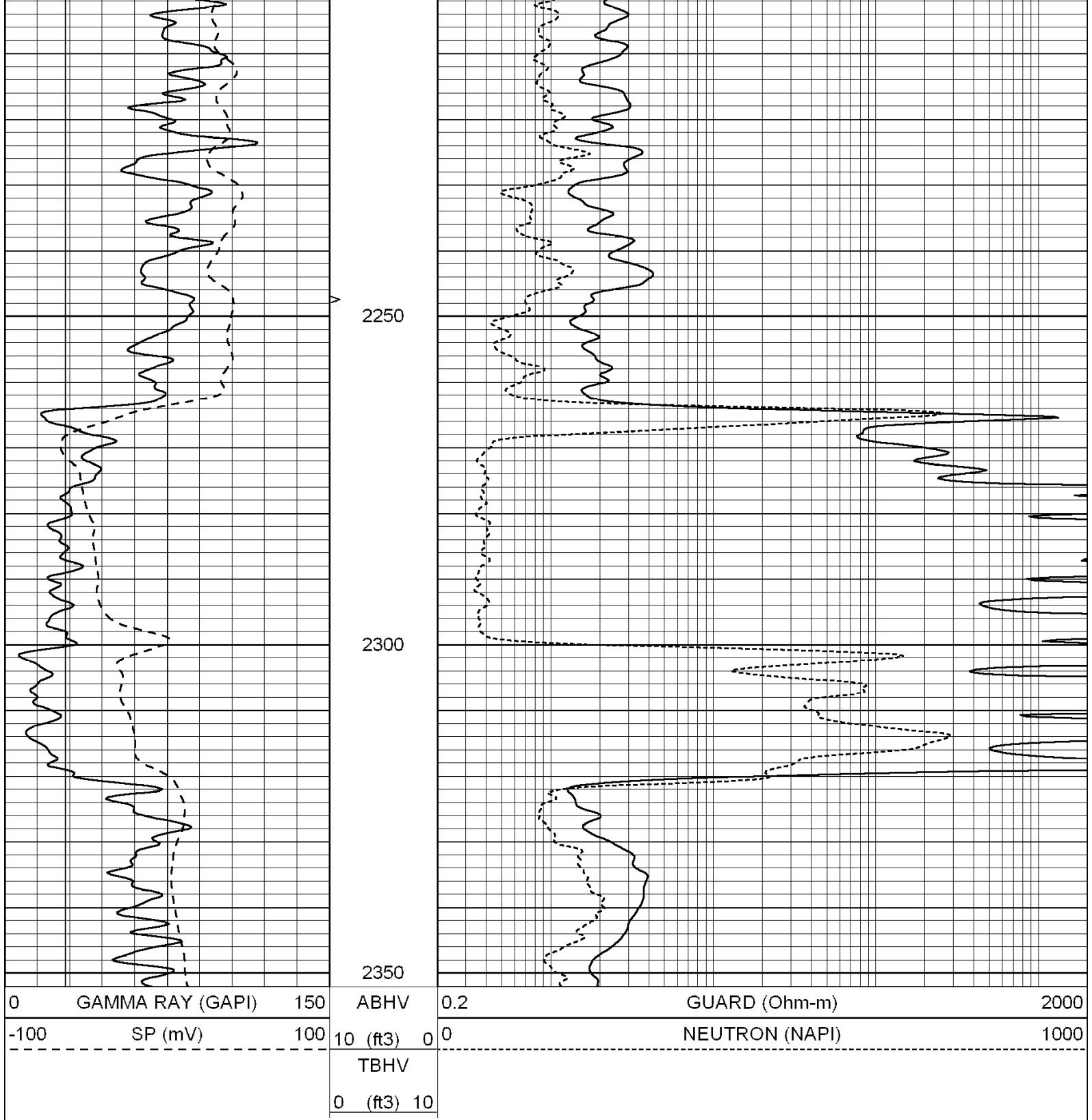


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ANHYDRITE

Database File: 003100rag.db
 Dataset Pathname: pass3.8
 Presentation Format: rag2inch
 Dataset Creation: Mon Mar 09 02:17:26 2009 by Calc Open-Cased 060407
 Charted by: Depth in Feet scaled 1:240







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MAIN SECTION

Database File: 003100rag.db

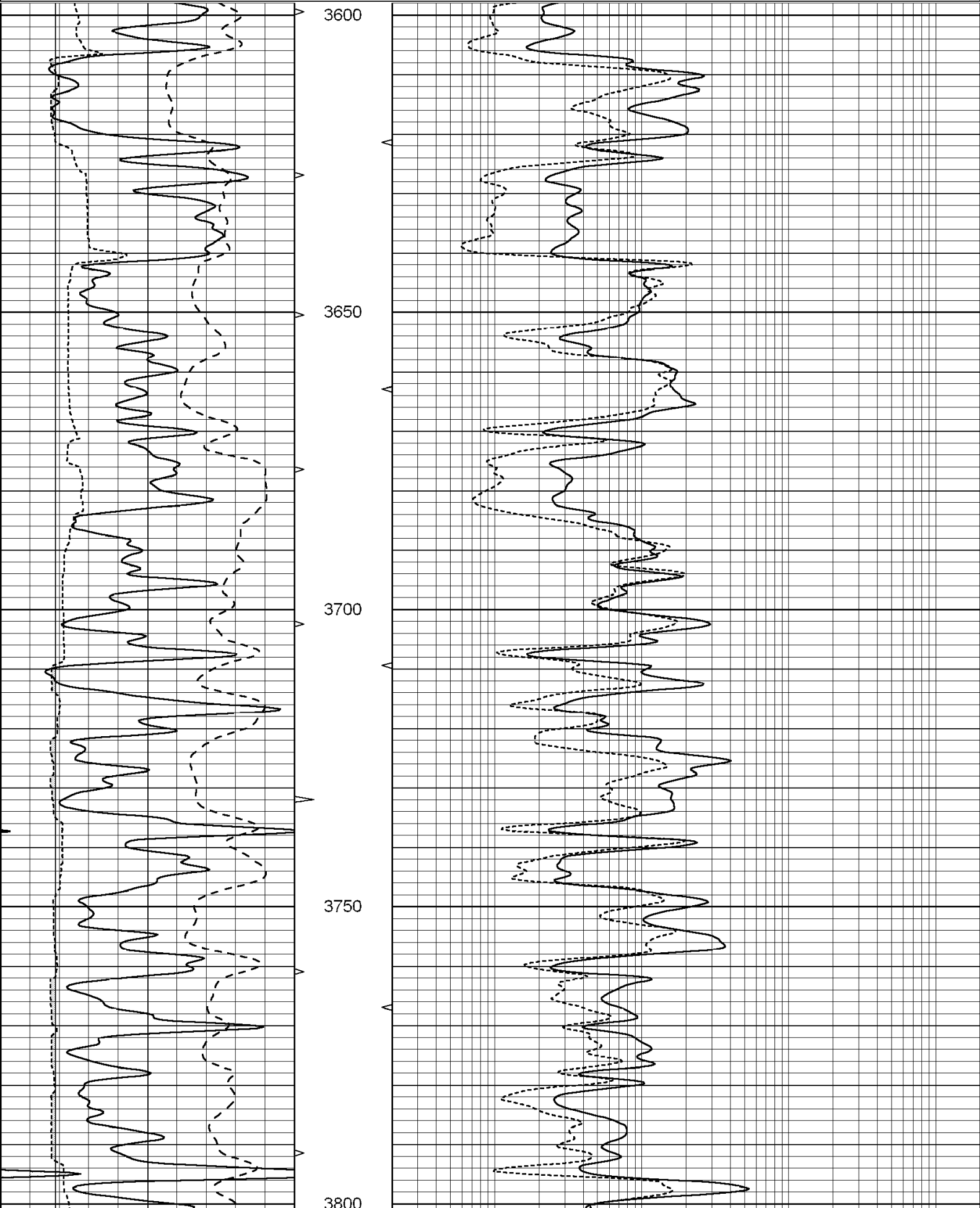
Dataset Pathname: pass3.6

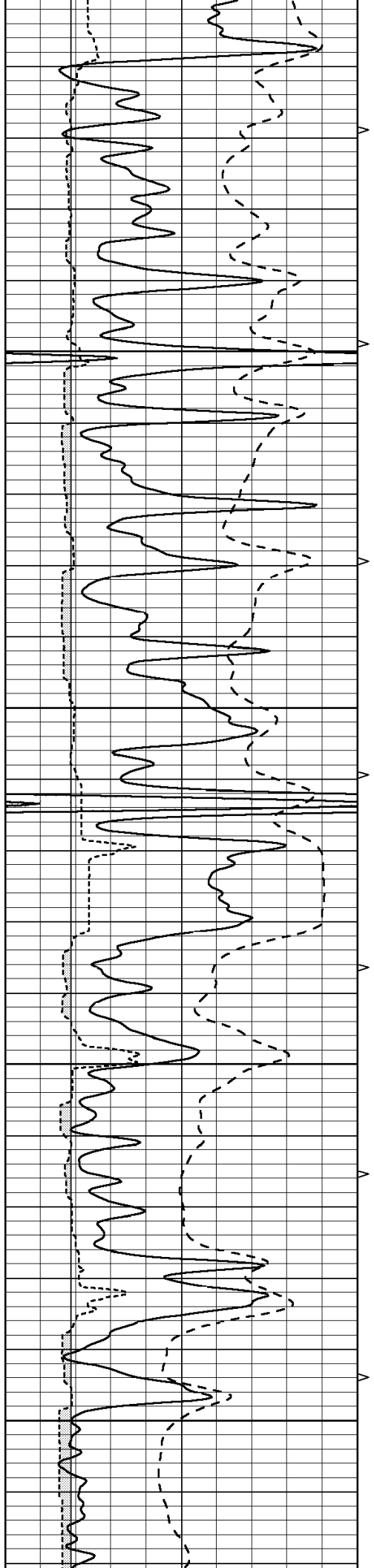
Presentation Format: rag

Dataset Creation: Mon Mar 09 03:17:55 2009

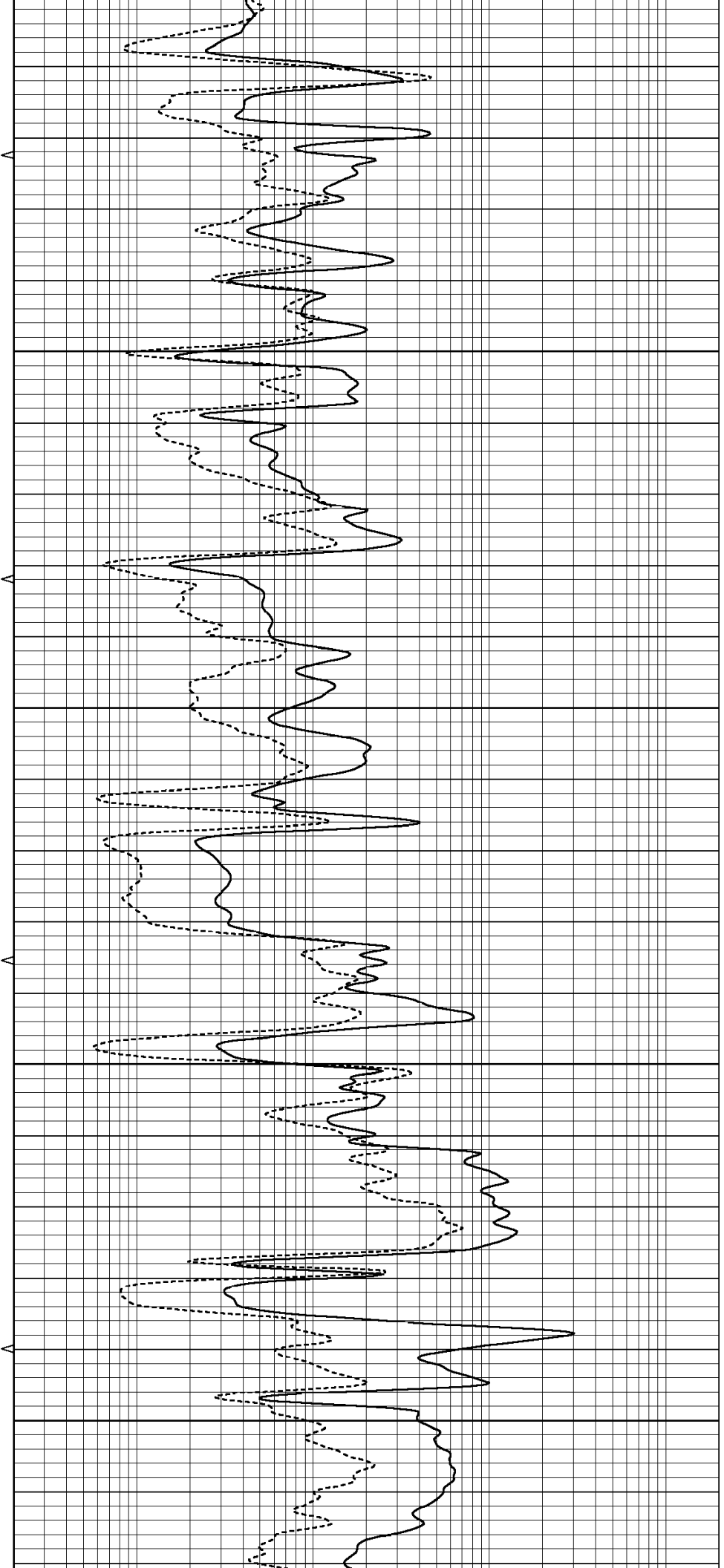
Charted by: Depth in Feet scaled 1:240

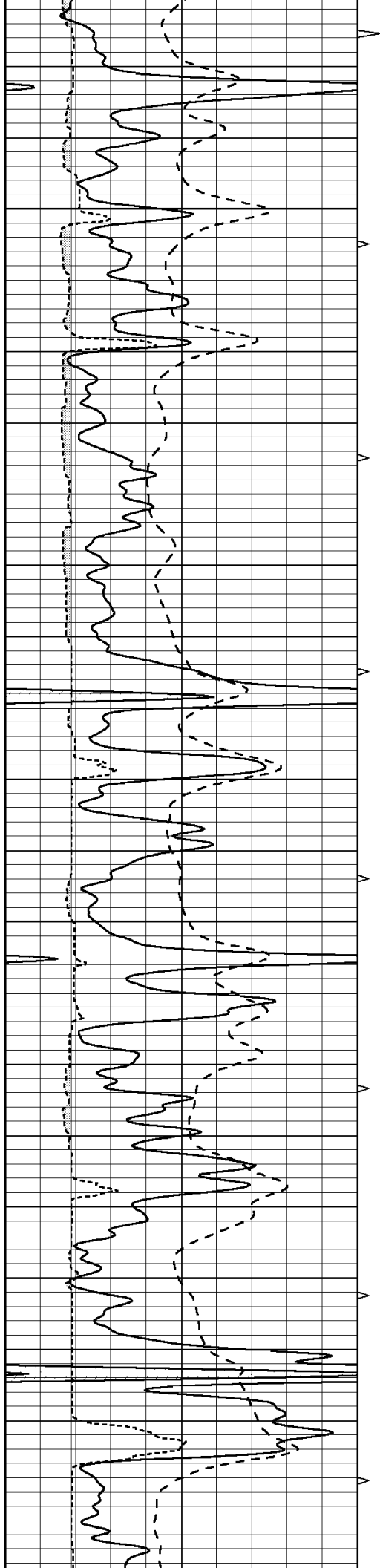
-100	SP (mV)	100	10 (ft3)	0	0	NEUTRON (NAPI)	1000
6	CALIPER (in)	16	TBHV				
			0 (ft3)	10			





3850
3900
3950
4000



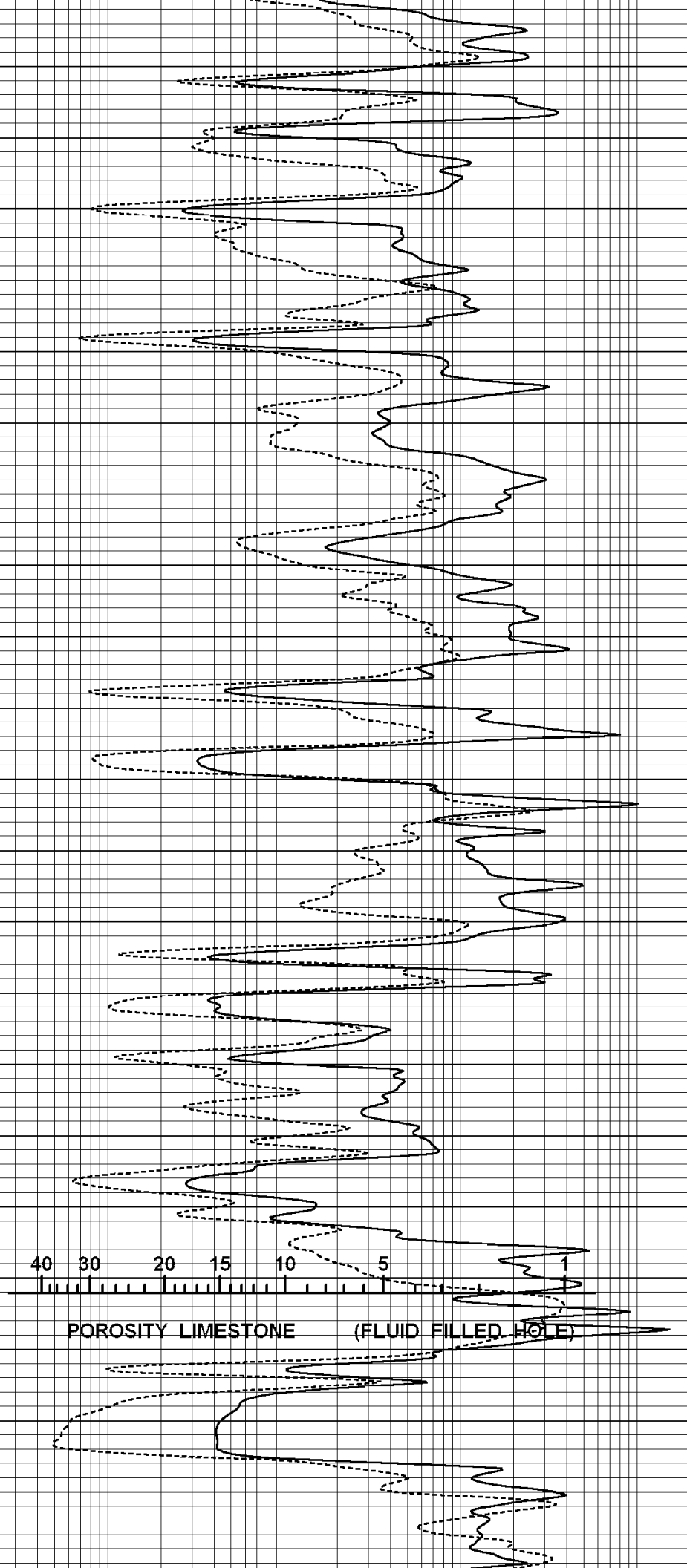


4050

4100

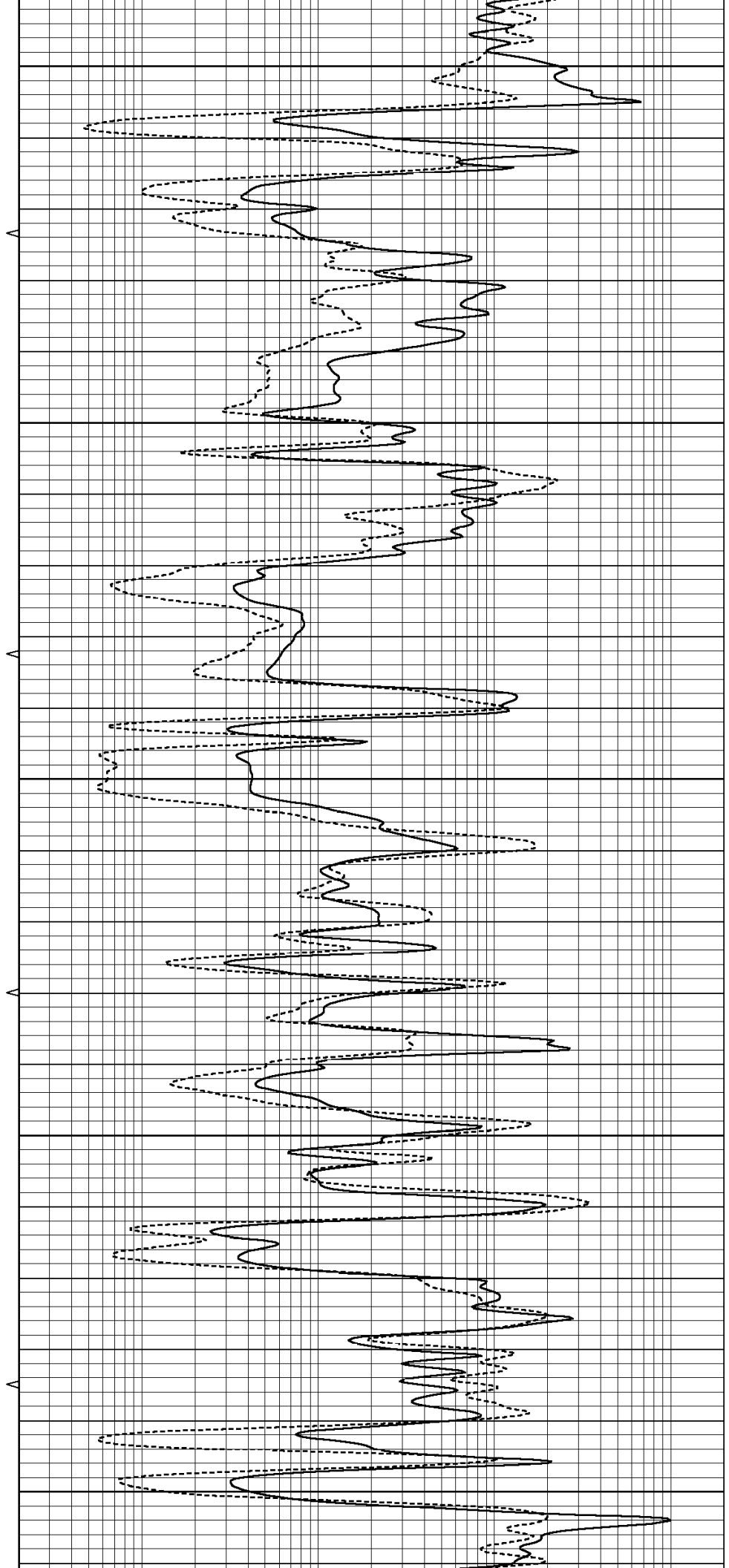
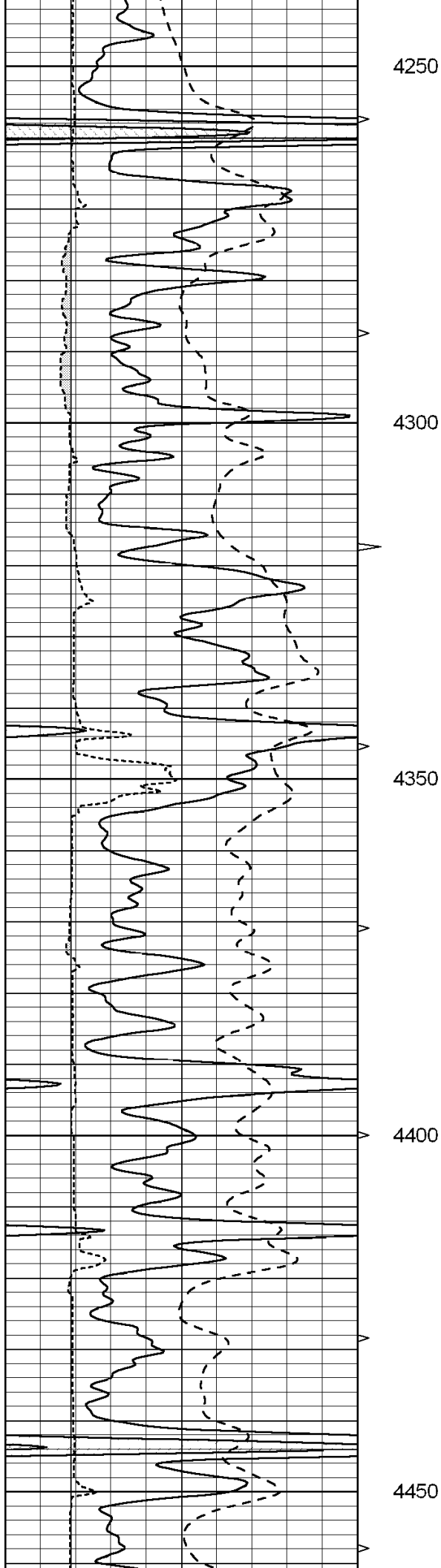
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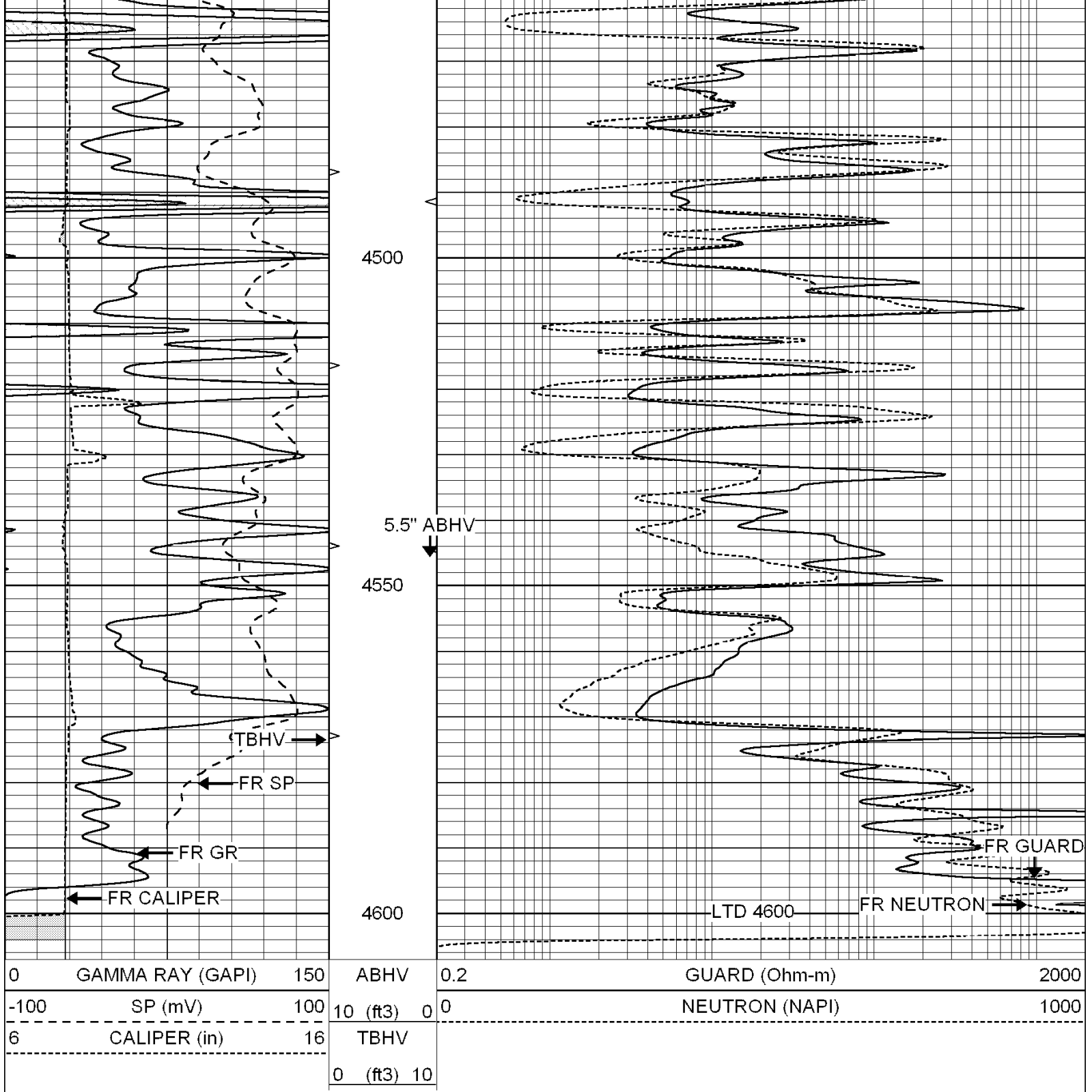
4200



40 30 20 15 10 5

POROSITY LIMESTONE (FLUID FILLED HOLE)

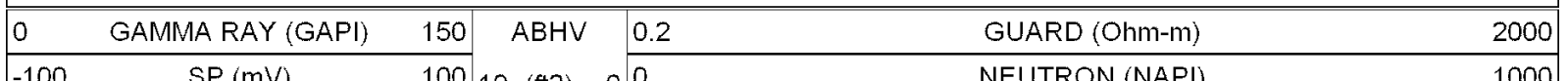


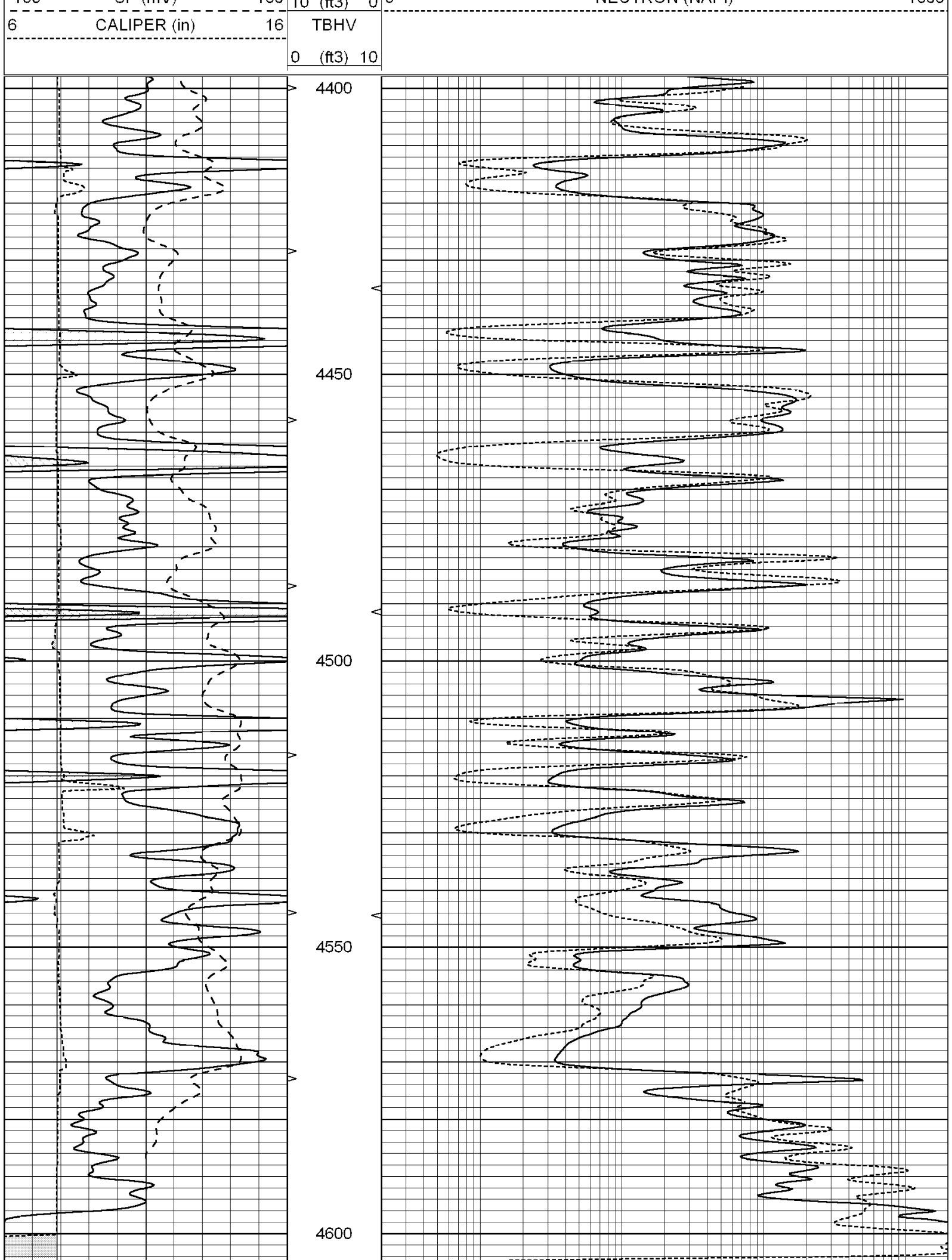


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REPEAT SECTION

Database File: 003100rag.db
 Dataset Pathname: pass2.12
 Presentation Format: rag
 Dataset Creation: Mon Mar 09 02:59:25 2009
 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	0	NEUTRON (NAPI)	1000
6	CALIPER (in)	16	TBHV			
			0 (ft3) 10			