

MICRO LOG

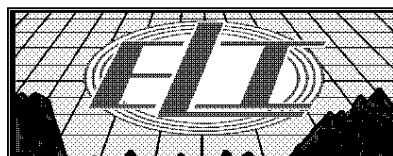
Company	BEAR PETROLEUM, LLC.	Company	BEAR PETROLEUM, LLC.
Well	RYAN #1	Well	RYAN #1
Field	WILDCAT	Field	WILDCAT
County	PAWNEE	County	PAWNEE
State	KANSAS	State	KANSAS
Location:	API # : 15-145-21829-0000	Other Services CDL/CNL DIL/SON	
Permanent Datum Log Measured From Drilling Measured From	330' FNL & 330' FWL NW - NW - NW SEC 15 TWP 22S RGE 20W	Elevation K.B. 2199 D.F. 2197 G.L. 2193	
Date	3/3/18		
Run Number	TWO		
Depth Driller	4488		
Depth Logger	4489		
Bottom Logged Interval	4173		
Top Log Interval	2200		
Casing Driller	8 5/8"@1277'		
Casing Logger	1274		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 3,500 PPM	
Density / Viscosity	8.9/60		
pH / Fluid Loss	9.0/8.8		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	.750@60F		
Rinf @ Meas. Temp	.563@60F		
Rmc @ Meas. Temp	.900@60F		
Source of Rinf / Rmc	MEASUREMENT		
Rim @ BHT	.375@120F		
Time Circulation Stopped	4 HOURS		
Time Logger on Bottom	1:15 A.M.		
Maximum Recorded Temperature	120F		
Equipment Number	922339		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	ROD ANDERSEN		

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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

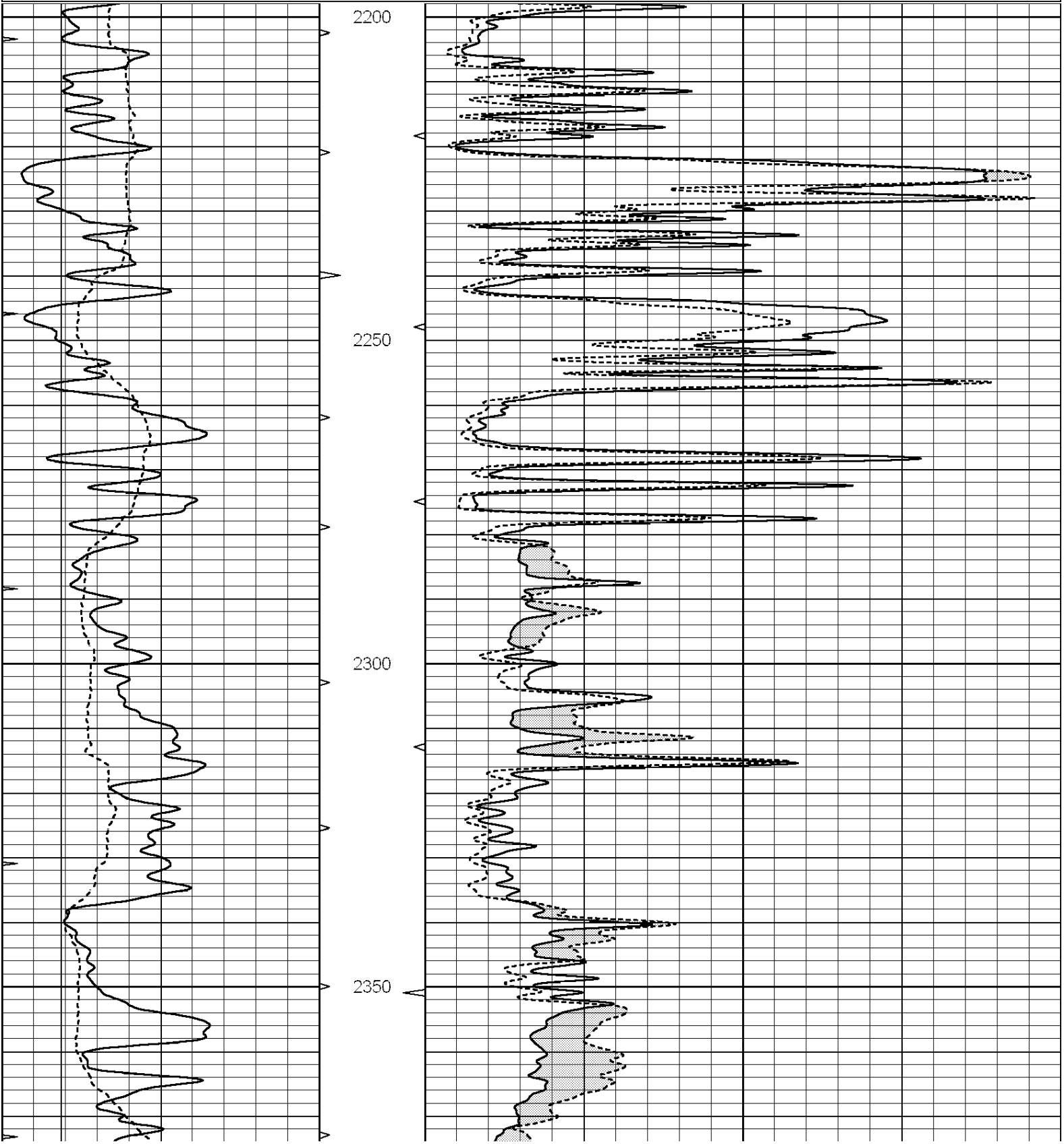
THANK YOU FOR USING ELI WIRELINE HAYS, KANSAS (785) 628-6395
DIRECTIONS
BURDETT, KS., 1E. ON HWY 156 TO "340TH AVE.", 3S., JOG EAST, S. INTO

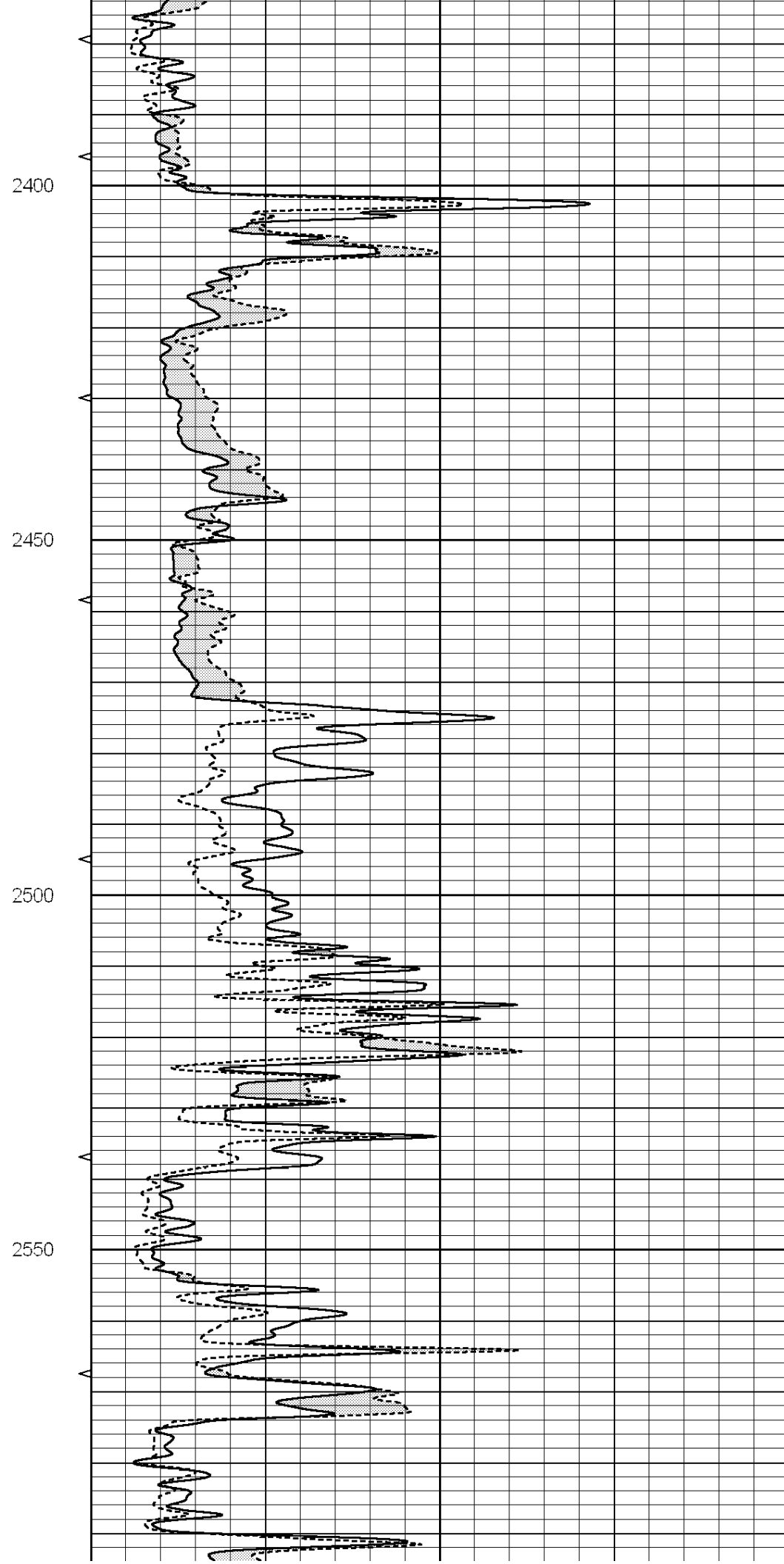
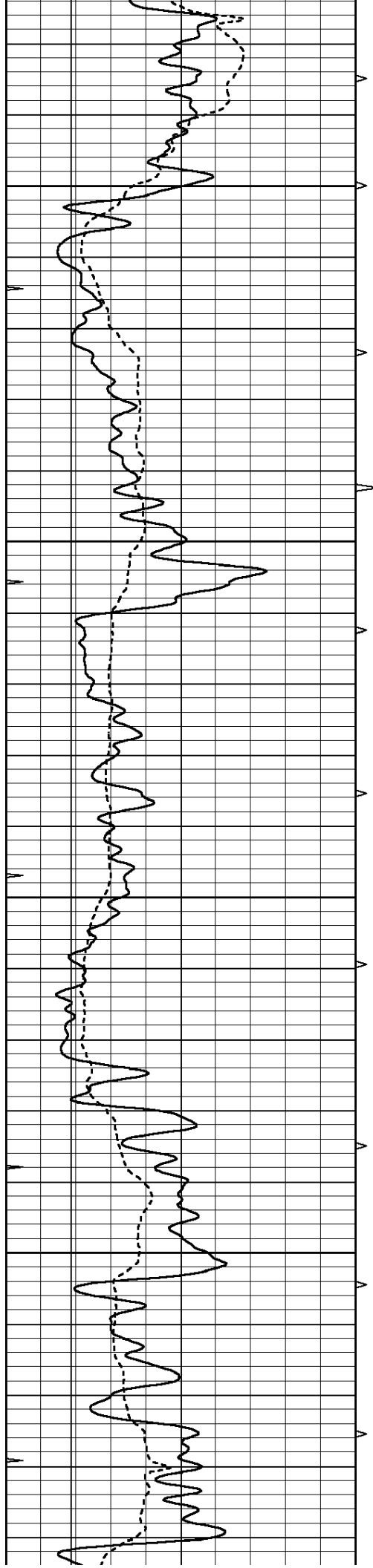


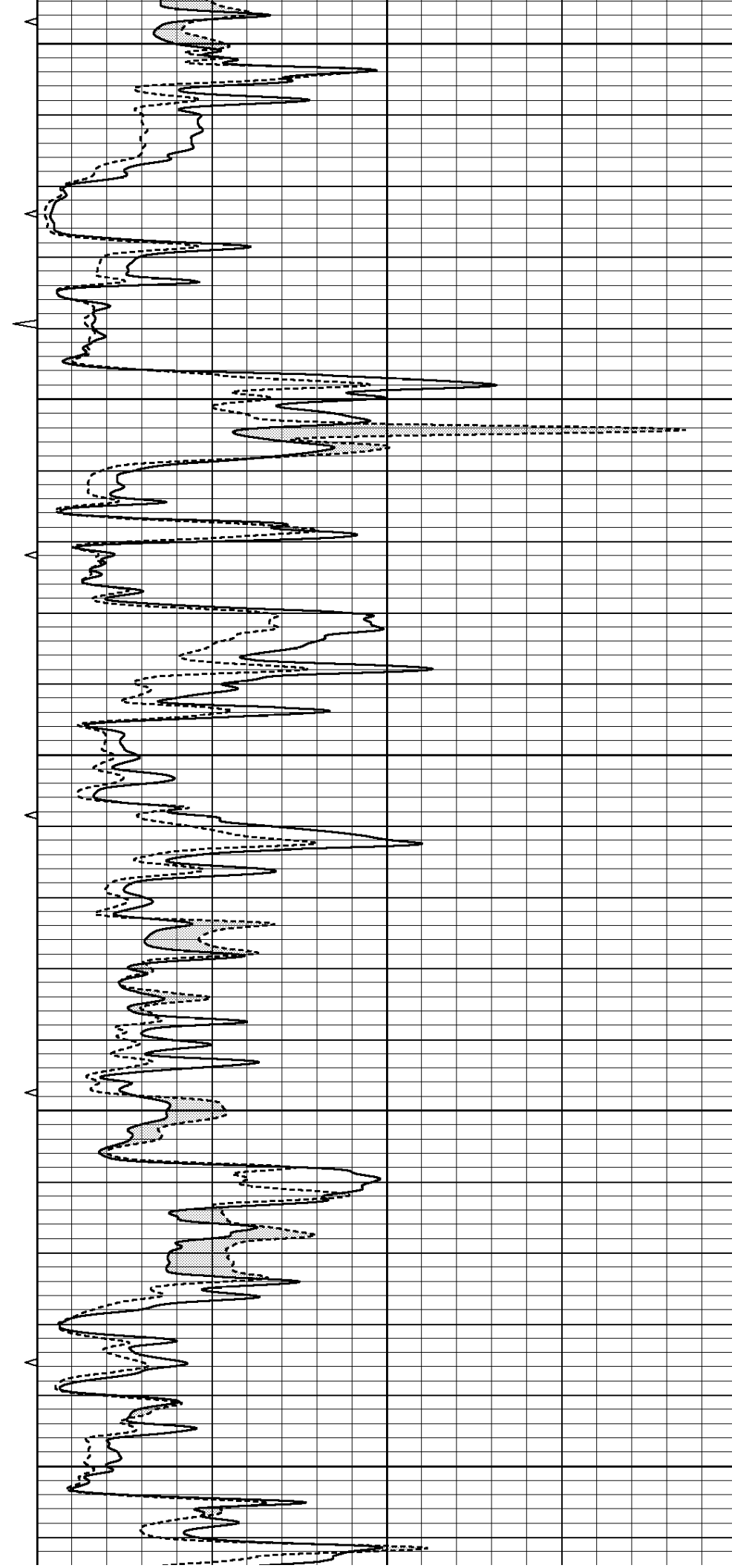
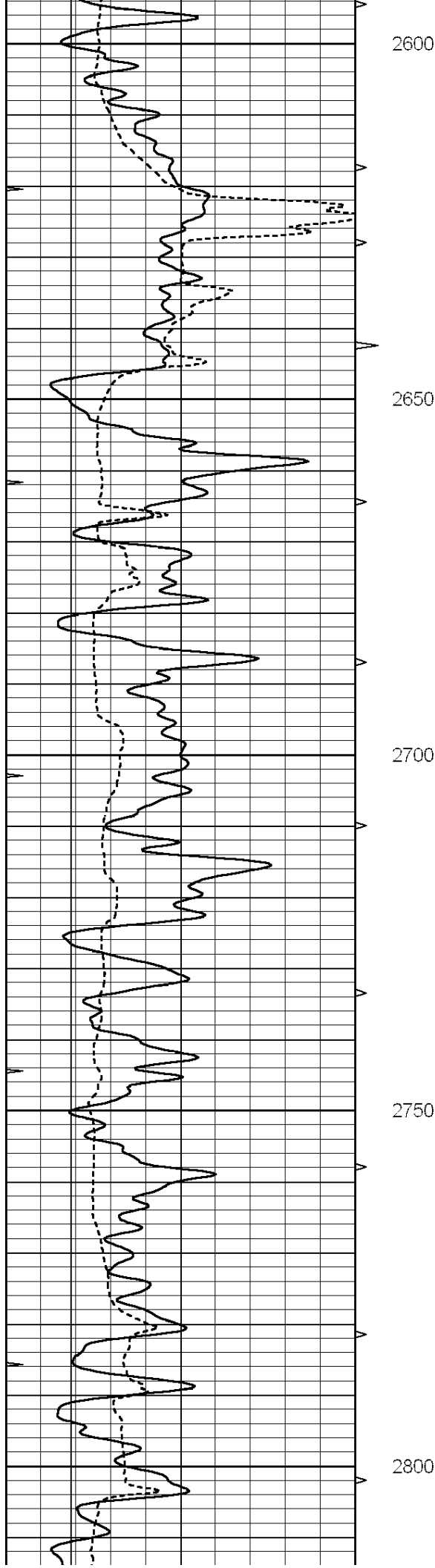
MAIN SECTION

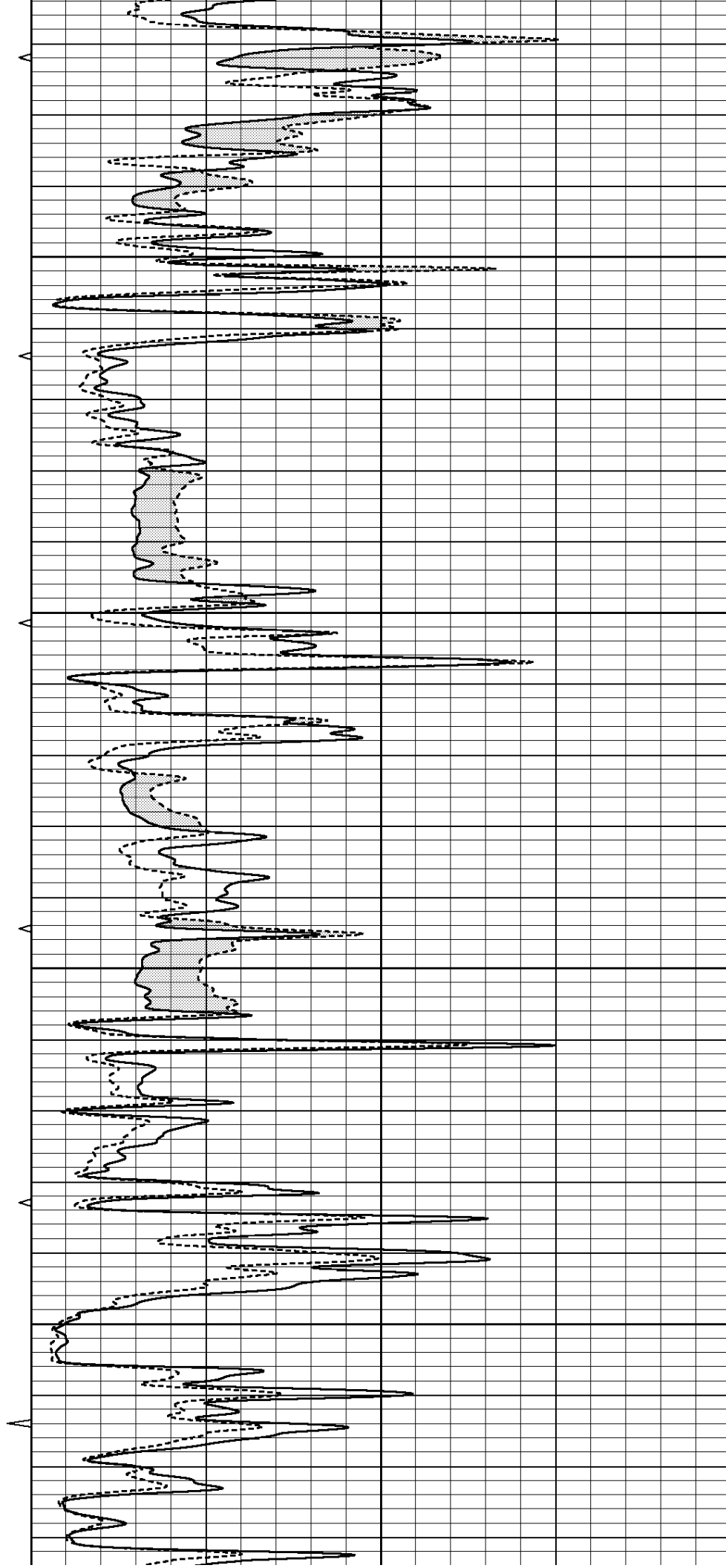
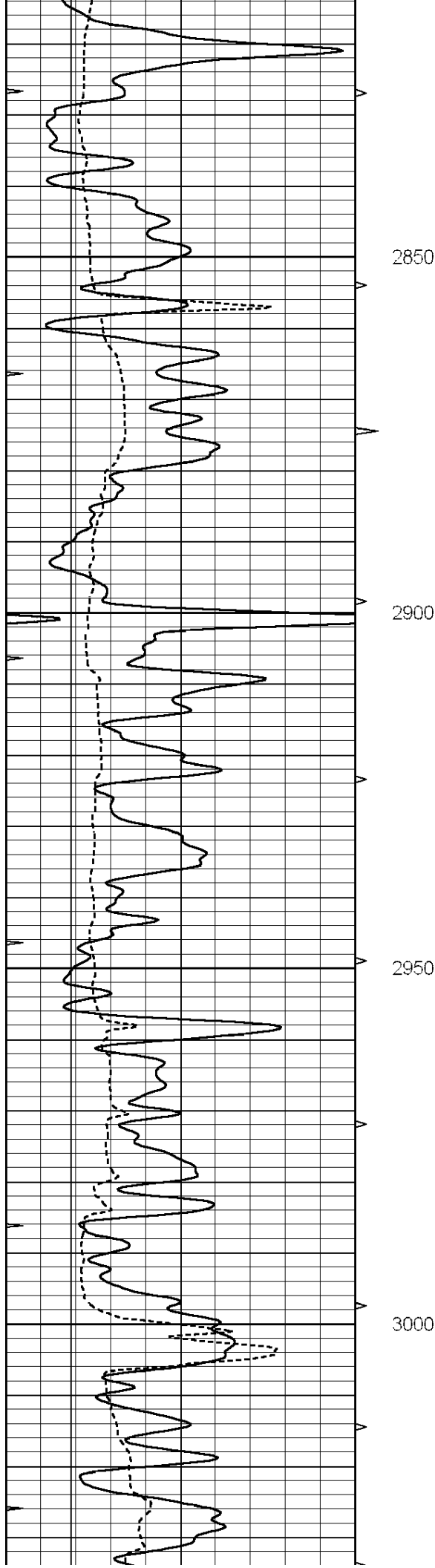
Database File: 2344ddn.db
Dataset Pathname: pass6.5
Presentation Format: micro
Dataset Creation: Sat Mar 03 02:32:54 2018
Charted by: Depth in Feet scaled 1:240

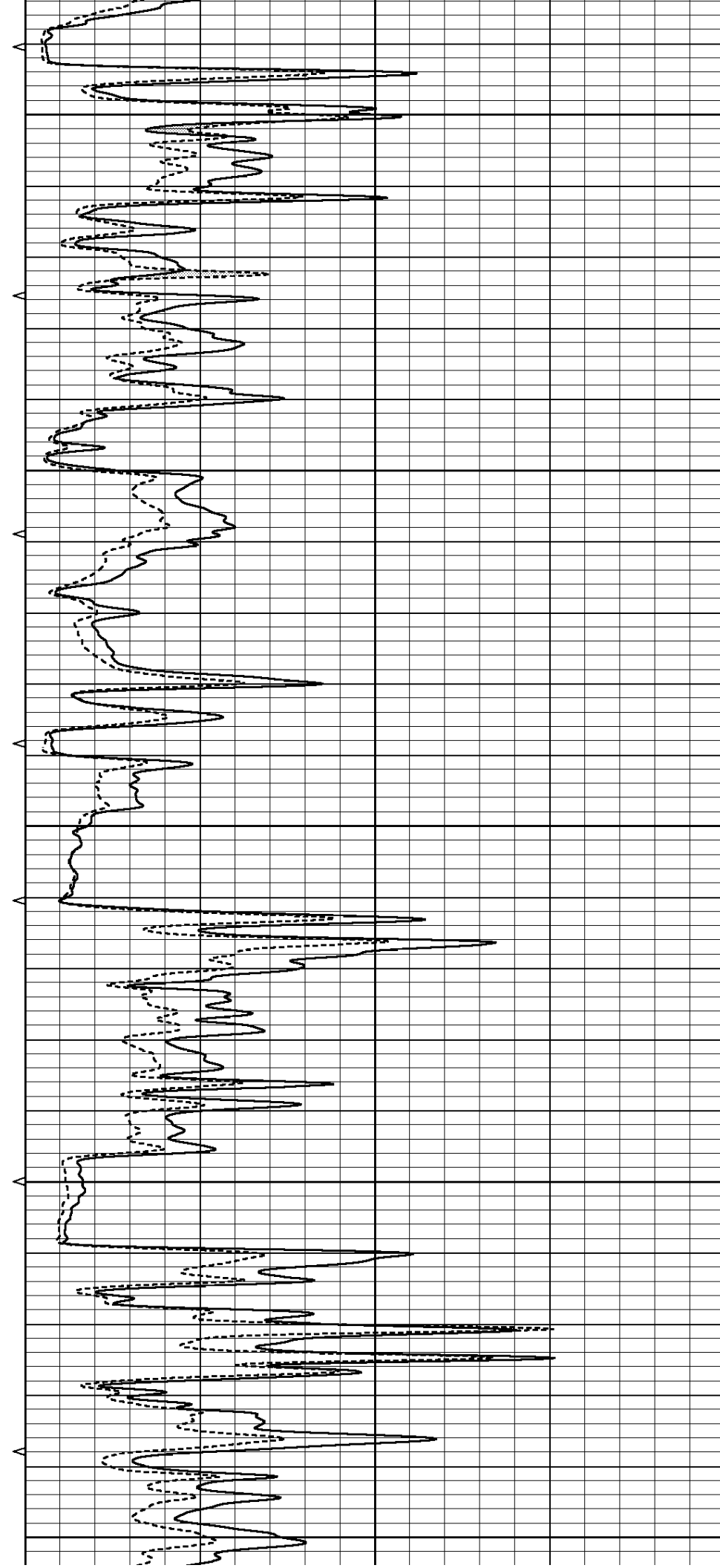
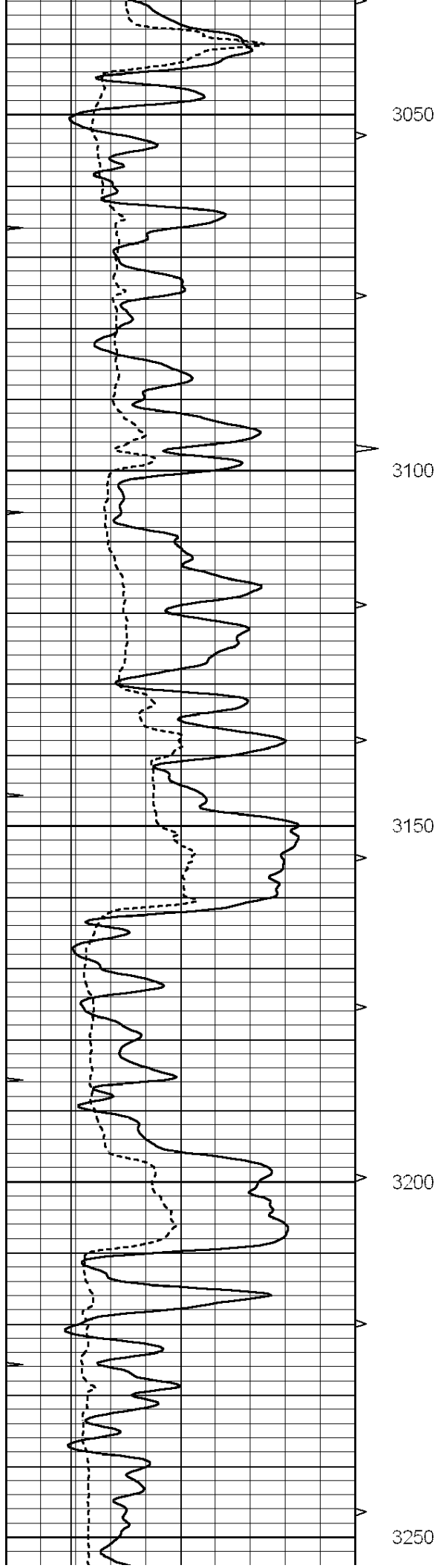
0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16	10 (ft3)	0 0	MEL 20 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		

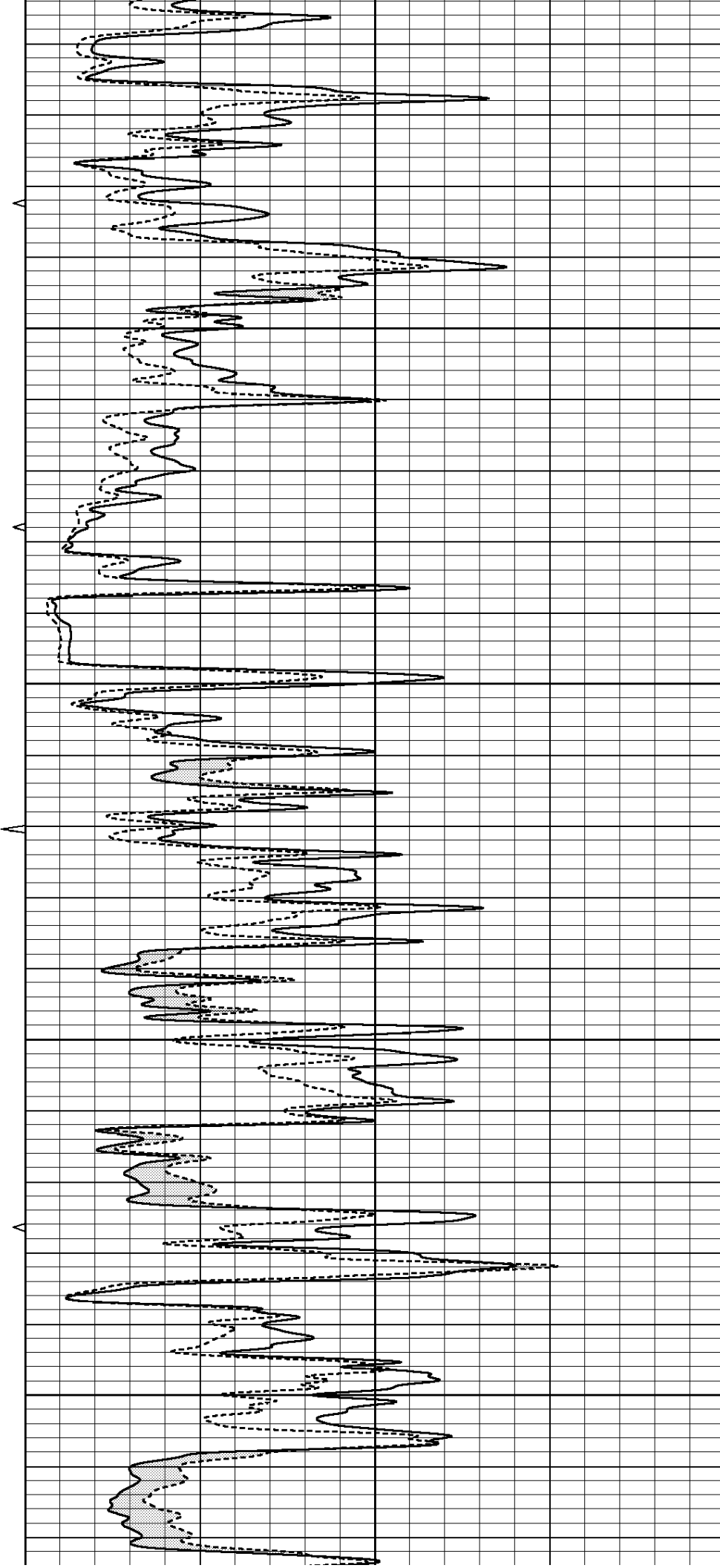
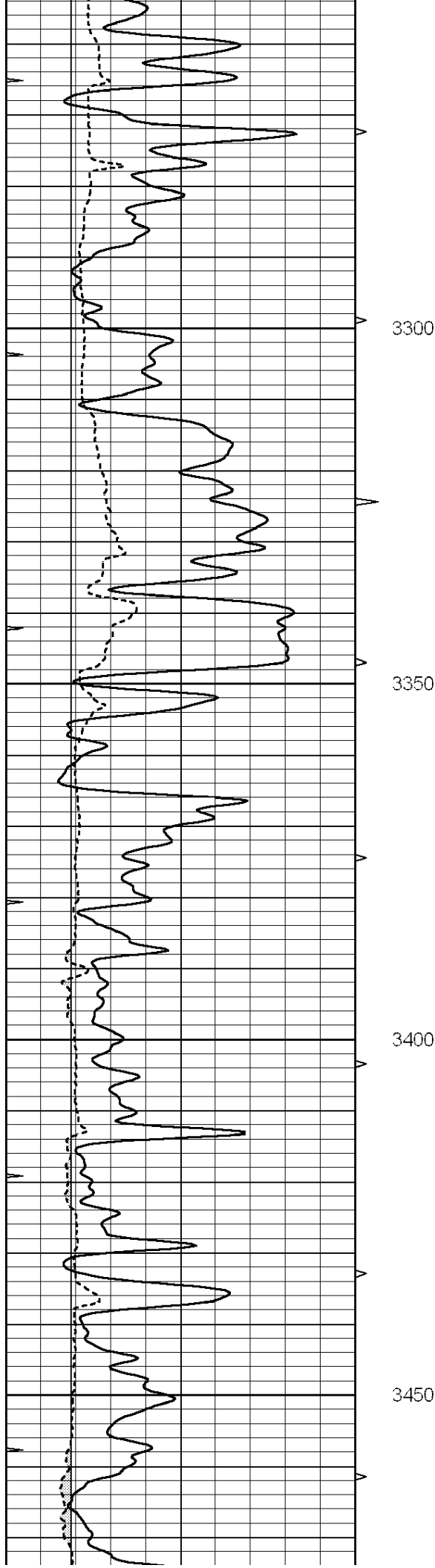


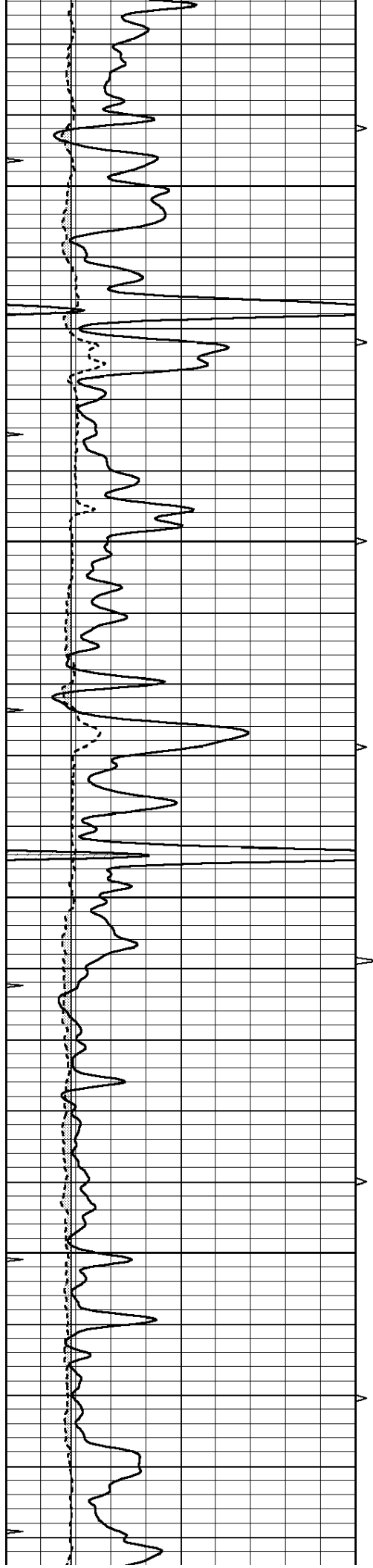










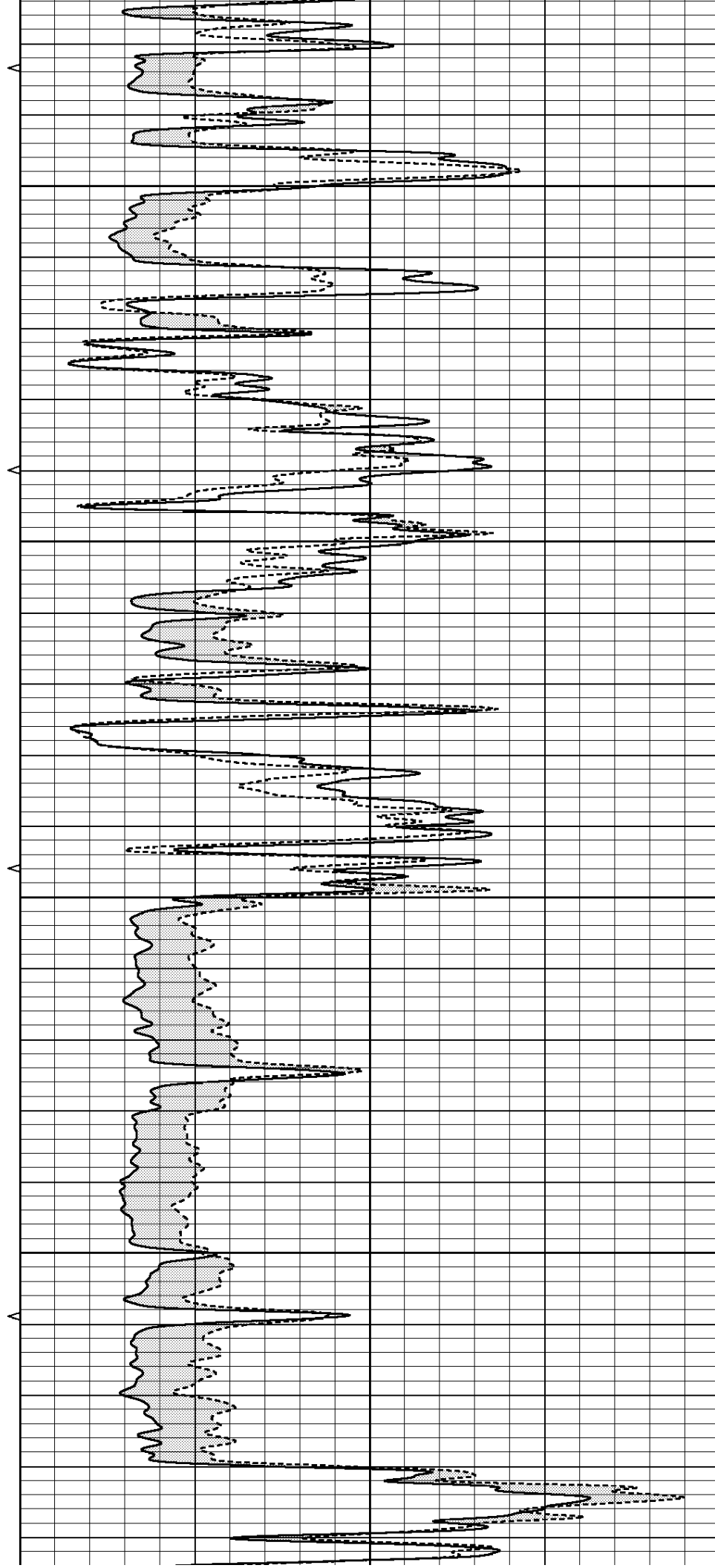


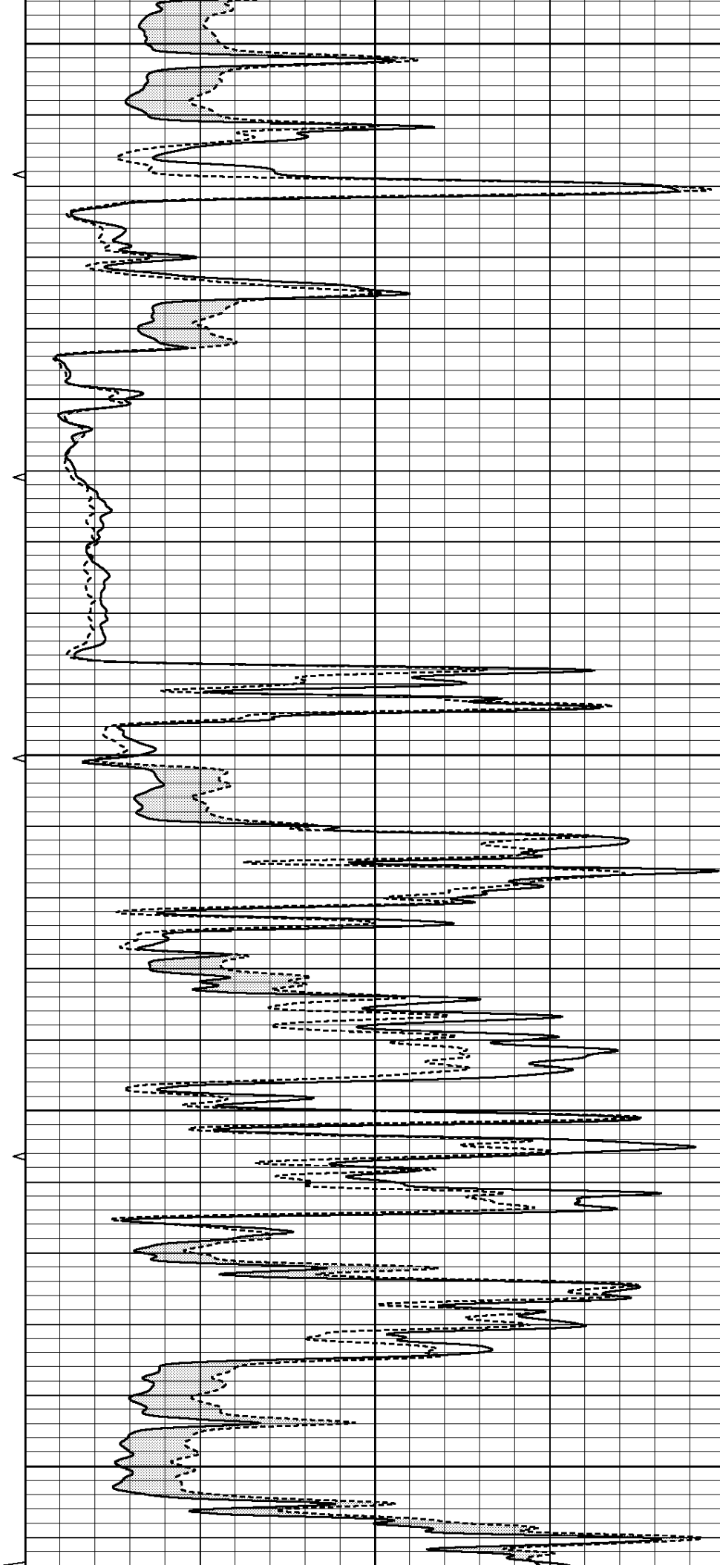
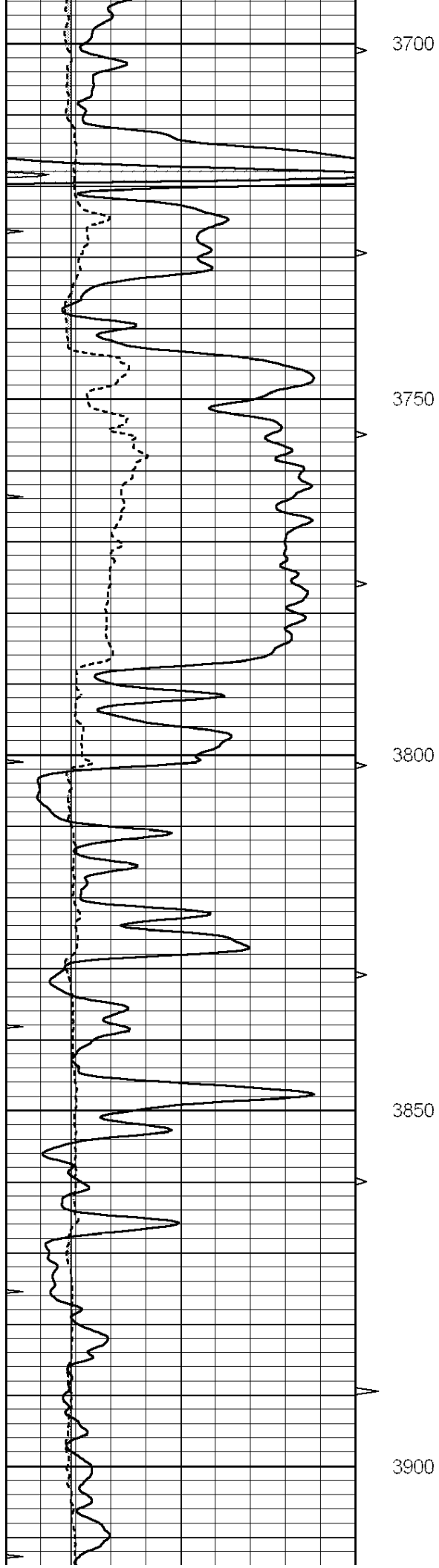
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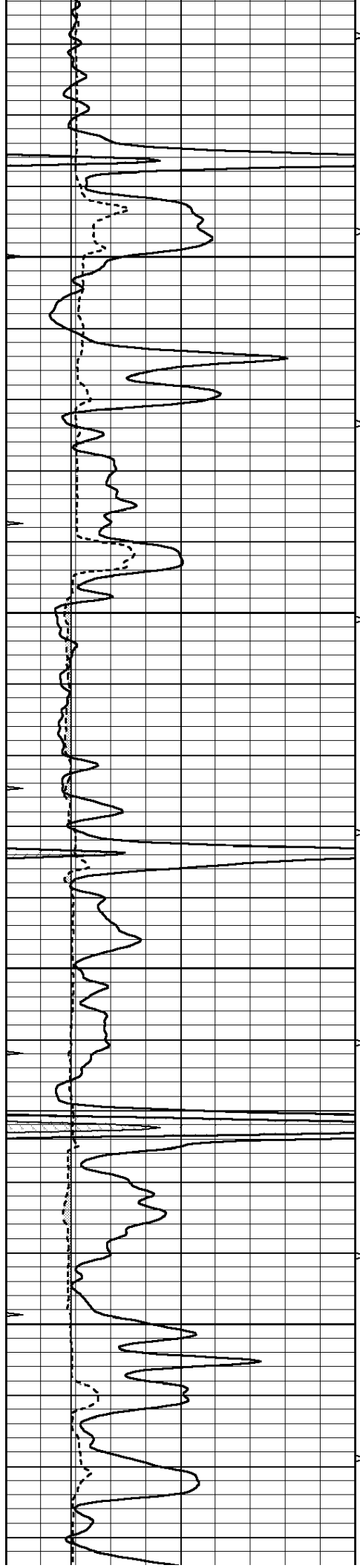
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3650





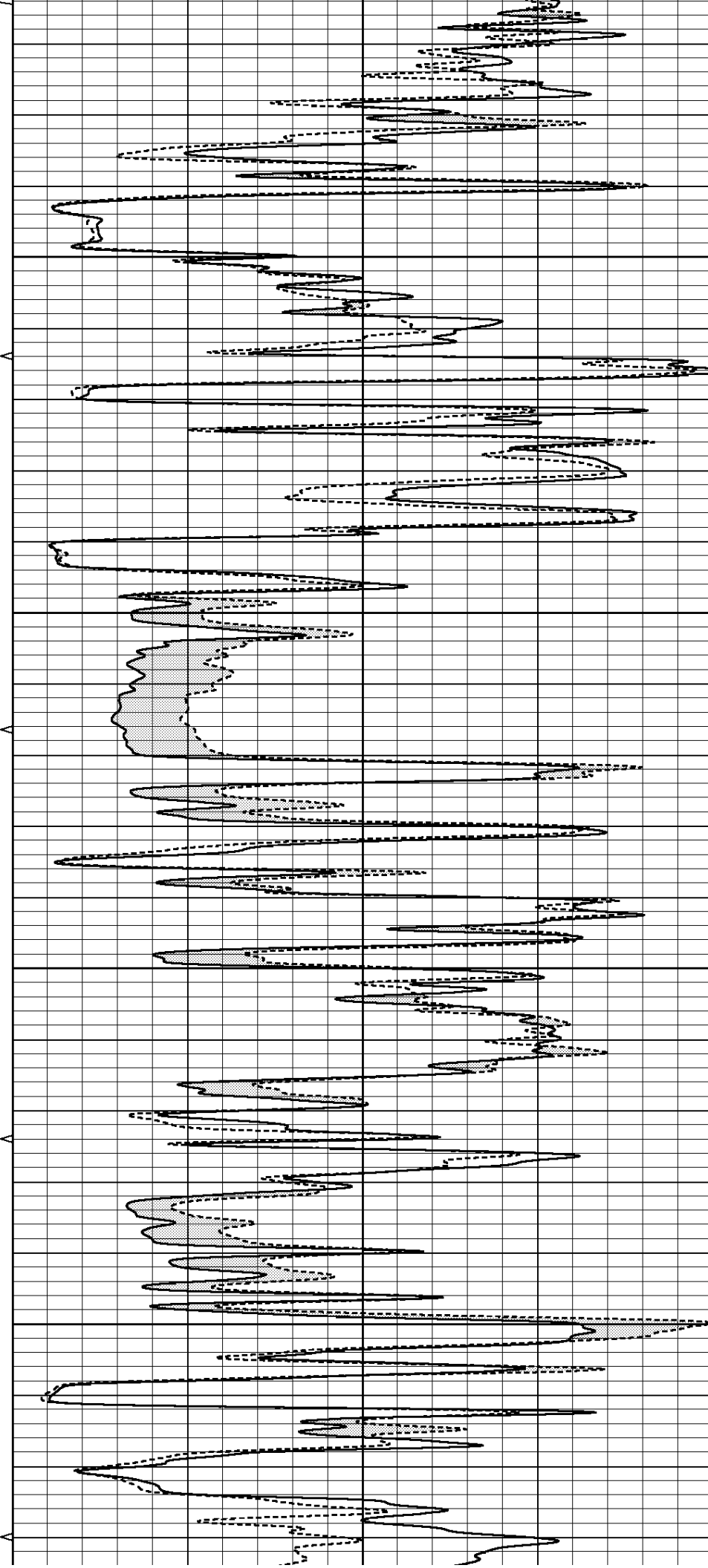


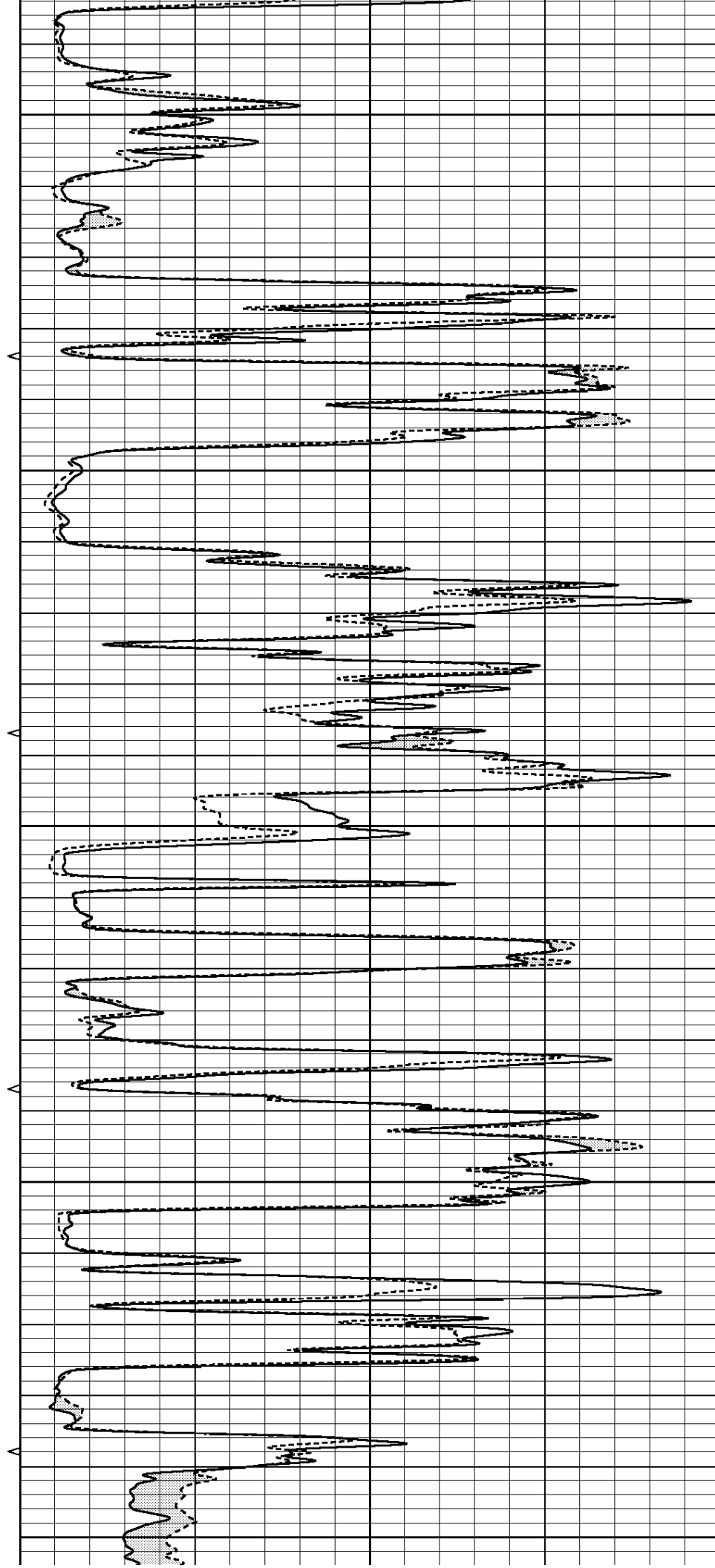
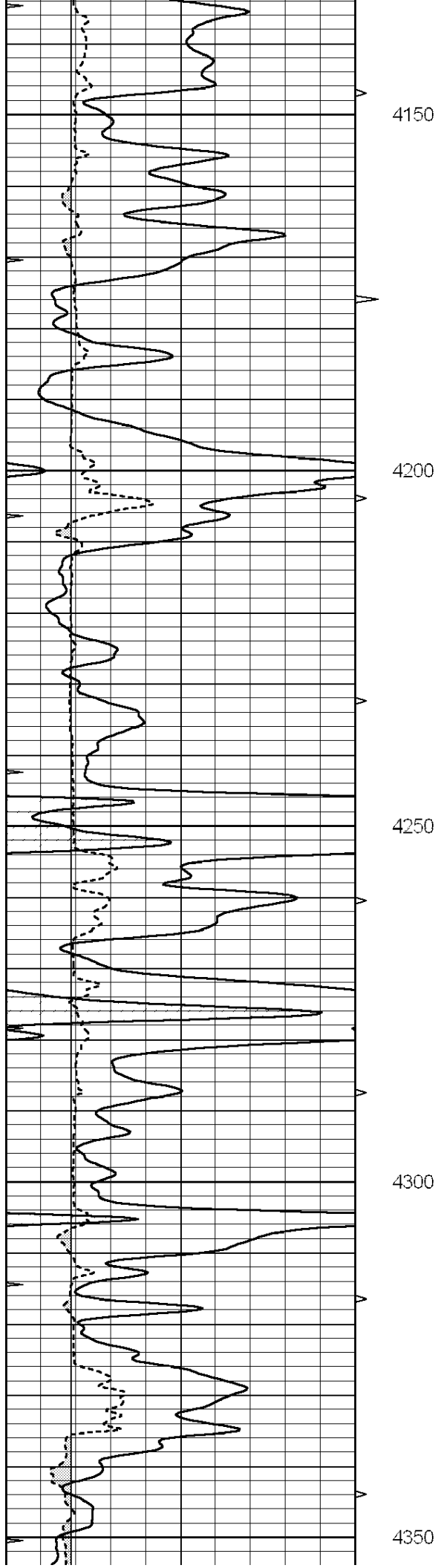
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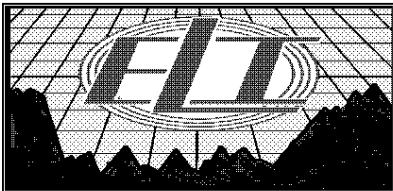
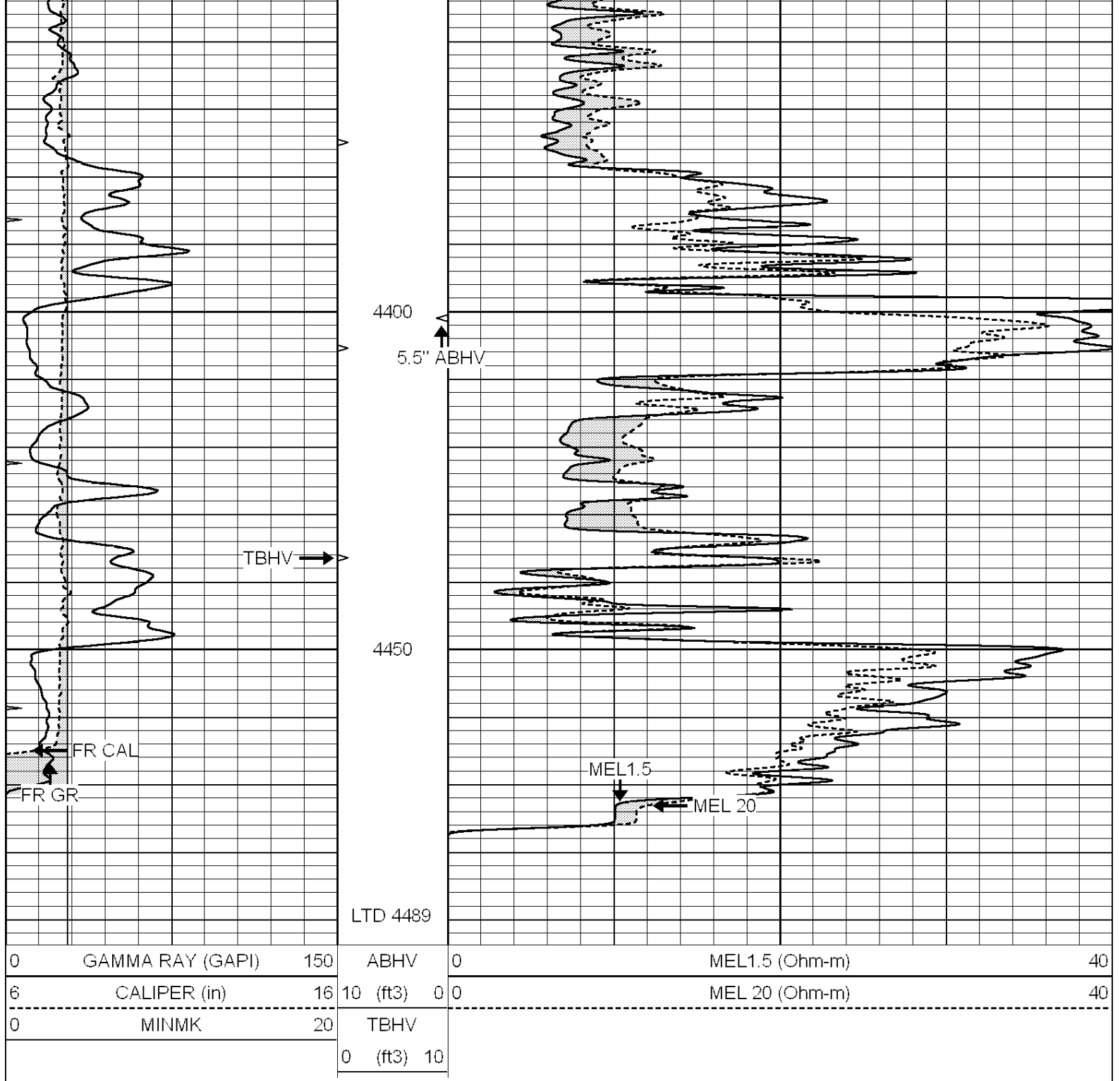
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4100





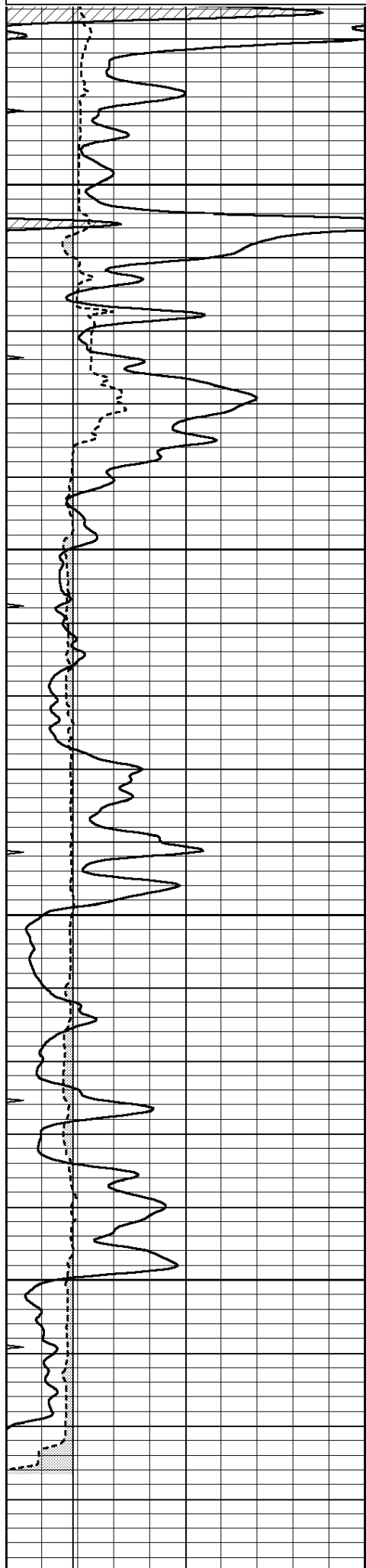


REPEAT SECTION

Database File: 2344ddn.db
 Dataset Pathname: pass5.3
 Presentation Format: micro
 Dataset Creation: Sat Mar 03 01:22:45 2018 by Calc SOC 120430
 Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16	10 (ft3)	0 0	MEL 20 (Ohm-m)	40
0	MINMK	20	TBHV			

0 (ft3) 10

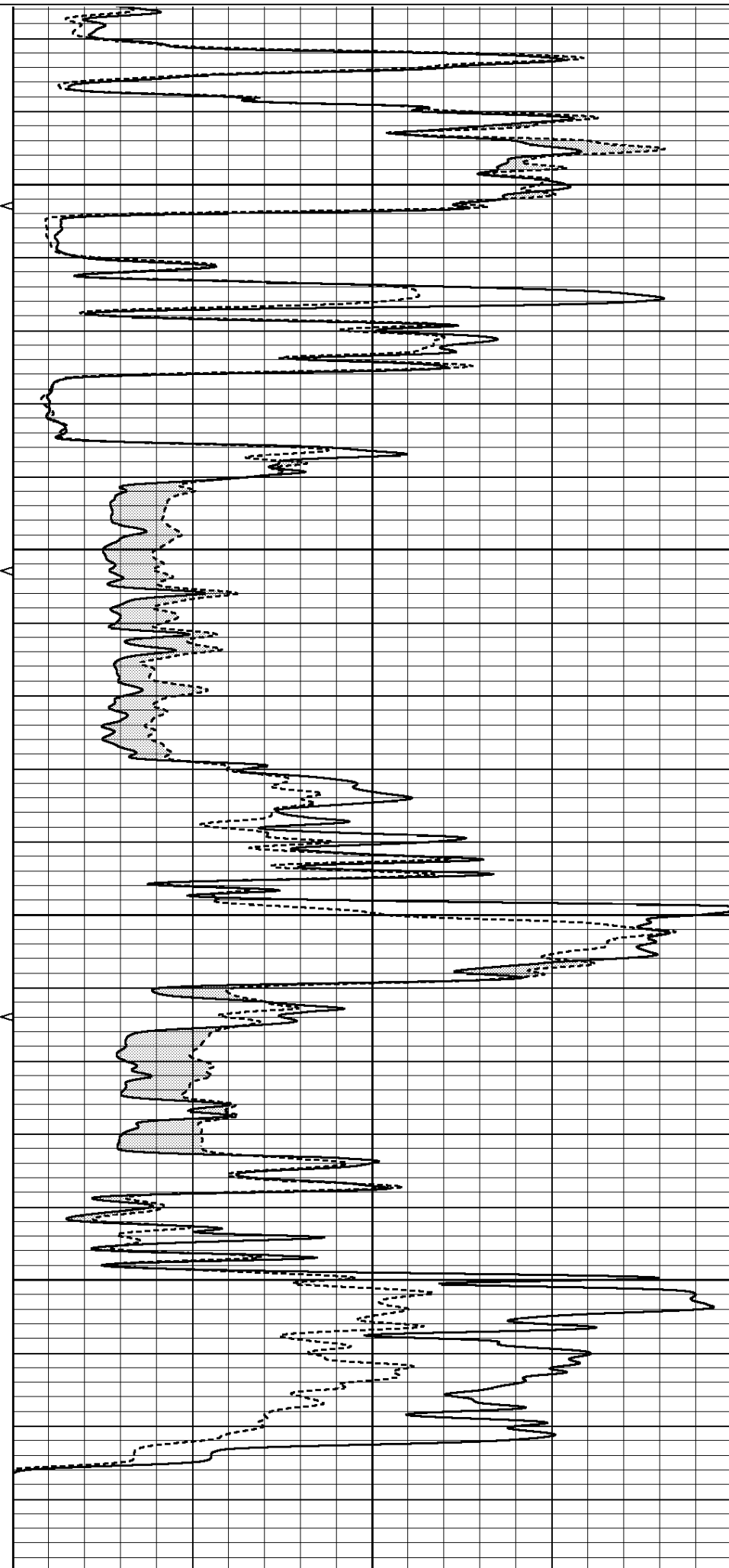


4300

4350

4400

4450



0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16	10 (ft3) 0	0	MEL 20 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3) 10			

Calibration Report					
Database File:	2344ddn.db				
Dataset Pathname:	pass6.5				
Dataset Creation:	Sat Mar 03 02:32:54 2018				
MICRO Calibration Report					
Serial Number:	070912				
Tool Model:	ProbeN				
Performed:	Sat Mar 03 01:24:16 2018				
Caliper Calibration:	Gain=2.706	Offset=5.876			
References	Low Cal	High Cal			
Readings	7.500	18.000			
	0.600	4.480			
1.5" Calibration:	Gain=26.000	Offset=0.000			
References	Low Cal	High Cal			
Readings	0.000	20.000			
	0.002	1.239			
2" Calibration:	Gain=42.000	Offset=-0.500			
References	Low Cal	High Cal			
Readings	0.000	20.000			
	0.003	1.075			
Gamma Ray Calibration Report					
Serial Number:	110959				
Tool Model:	OPEN_GR				
Performed:	Sat Mar 03 01:06:14 2018				
Calibrator Value:	1.0	GAPI			
Background Reading:	0.0	cps			
Calibrator Reading:	1.0	cps			
Sensitivity:	0.2500	GAPI/cps			