



SUPERIOR
Hays,
Kansas

MICRO LOG

Company		ATLAS OPERATING, LLC.	
Well		B & A SMITH #6-8	
Field		SPIVEY - GRABS - BASIL	
County		HARPER	
State		KANSAS	
Location:		API # : 15-077-21731-0000	
Permanent Datum		GROUND LEVEL	
Log Measured From		2310' FNL & 890' FEL	
Drilling Measured From		E/2 - SW - SE - NE	
SEC 8		TWP 31S	
RGE 8W		Elevation	
CDL/CNL		DIL	
K.B. 1652		Elevation	
D.F. 1650		G.L. 1642	
G.L. 1642			
Date	1/30/11		
Run Number	TWO		
Depth Driller	4550		
Depth Logger	4552		
Bottom Logged Interval	4550		
Top Log Interval	2200		
Casing Driller	8 5/8"@237'		
Casing Logger	236		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 2,000 PPM	
Density / Viscosity	9.3/45		
pH / Fluid Loss	10.5/9.0		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	.850@50F		
Rmf @ Meas. Temp	.638@50F		
Rmc @ Meas. Temp	1.02@50F		
Source of Rmf / Rmc	MEASUREMENT		
Rim @ BHT	.351@121F		
Time Circulation Stopped	5.5 HOURS		
Time Logger on Bottom	10:45 P.M.		
Maximum Recorded Temperature	121F		
Equipment Number	0836		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	PAT DEENIHAN		

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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

ZENDA, KS. 4E. ON HWY 42 TO "SW 50 RD.", S. TO "NW 150 RD." (SPIVEY GAS PLANT) 1E., 1/2S., W. INT

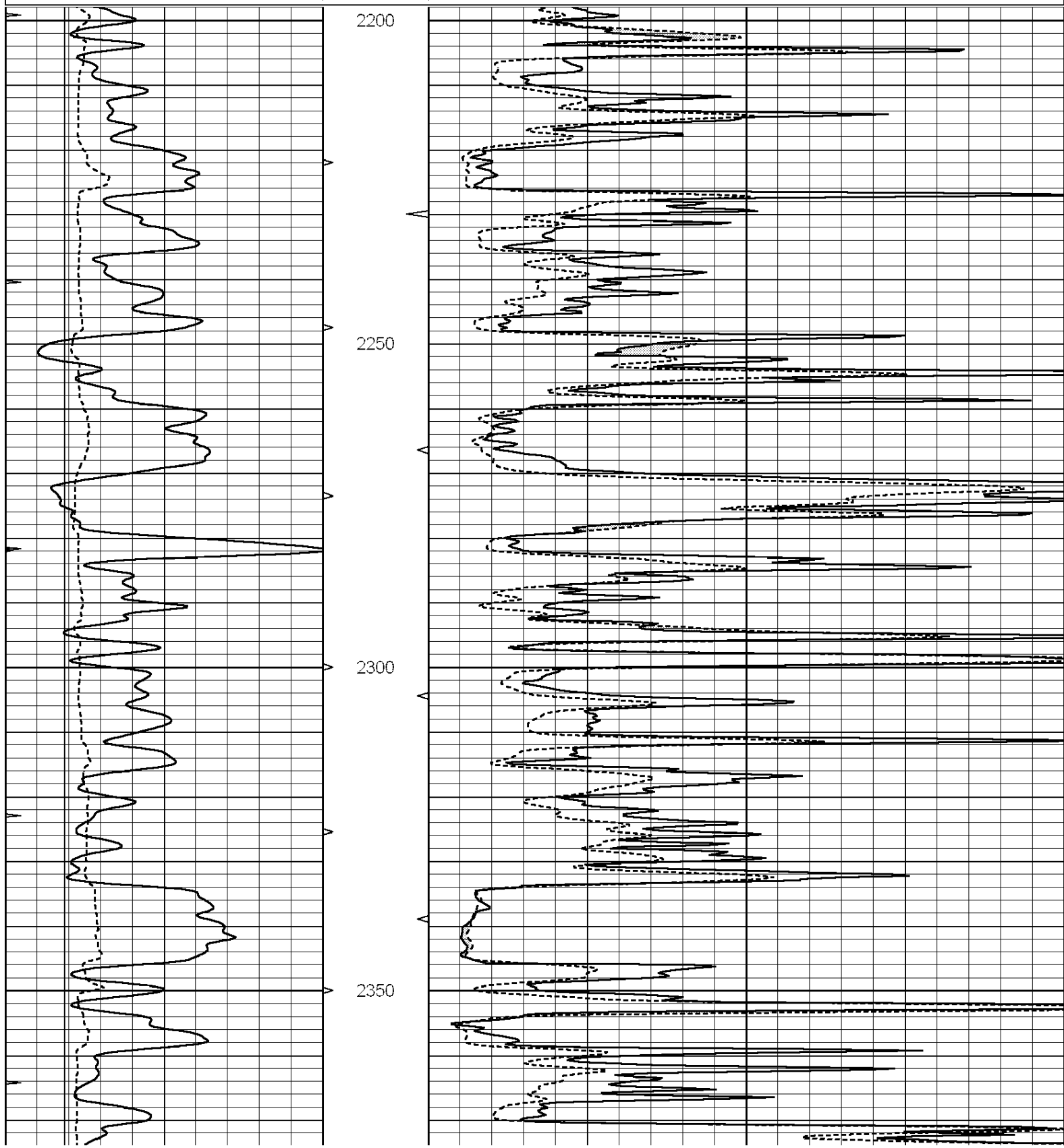


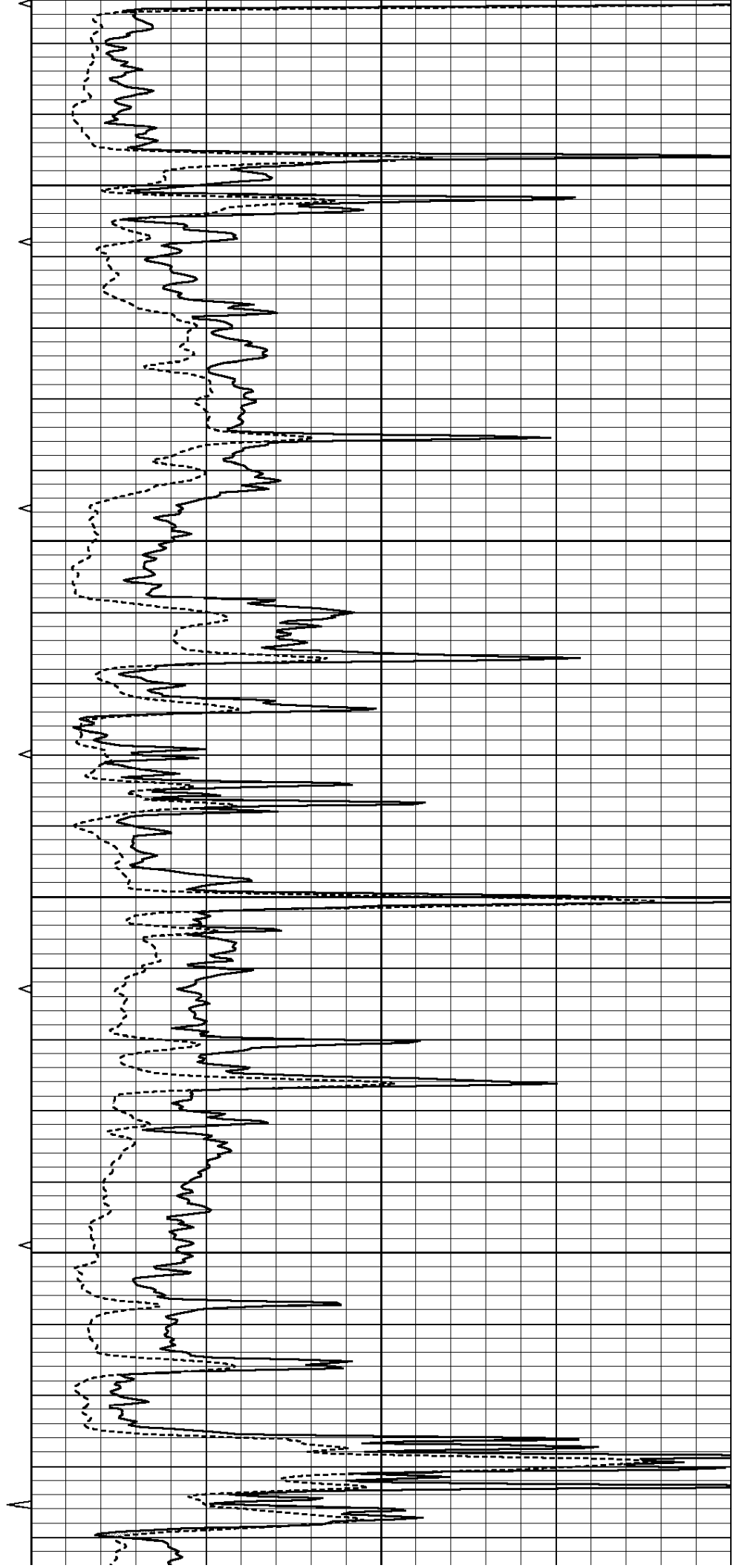
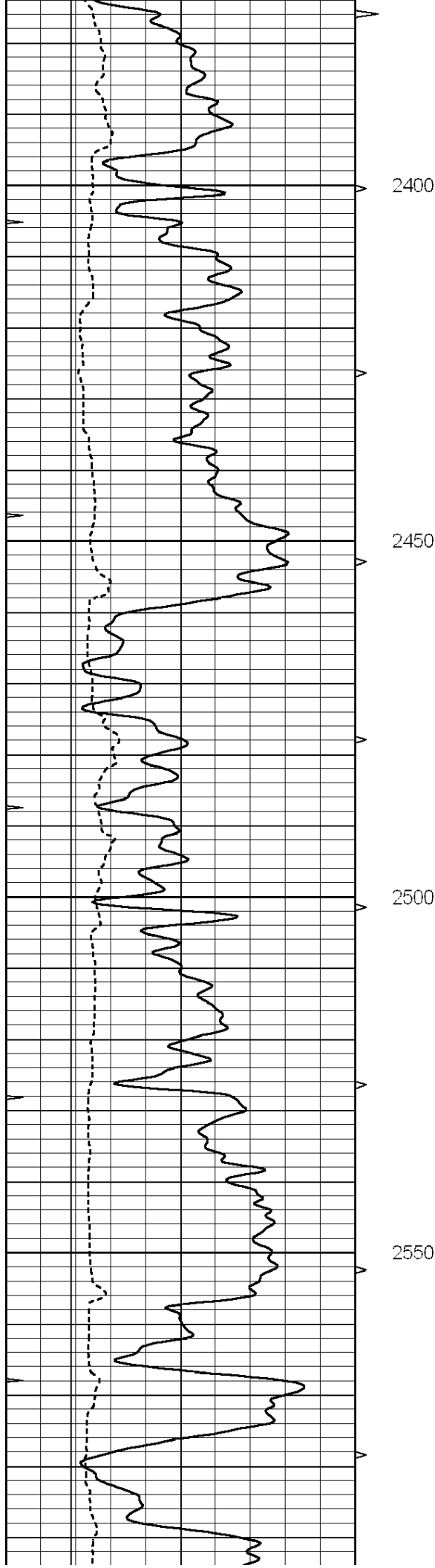
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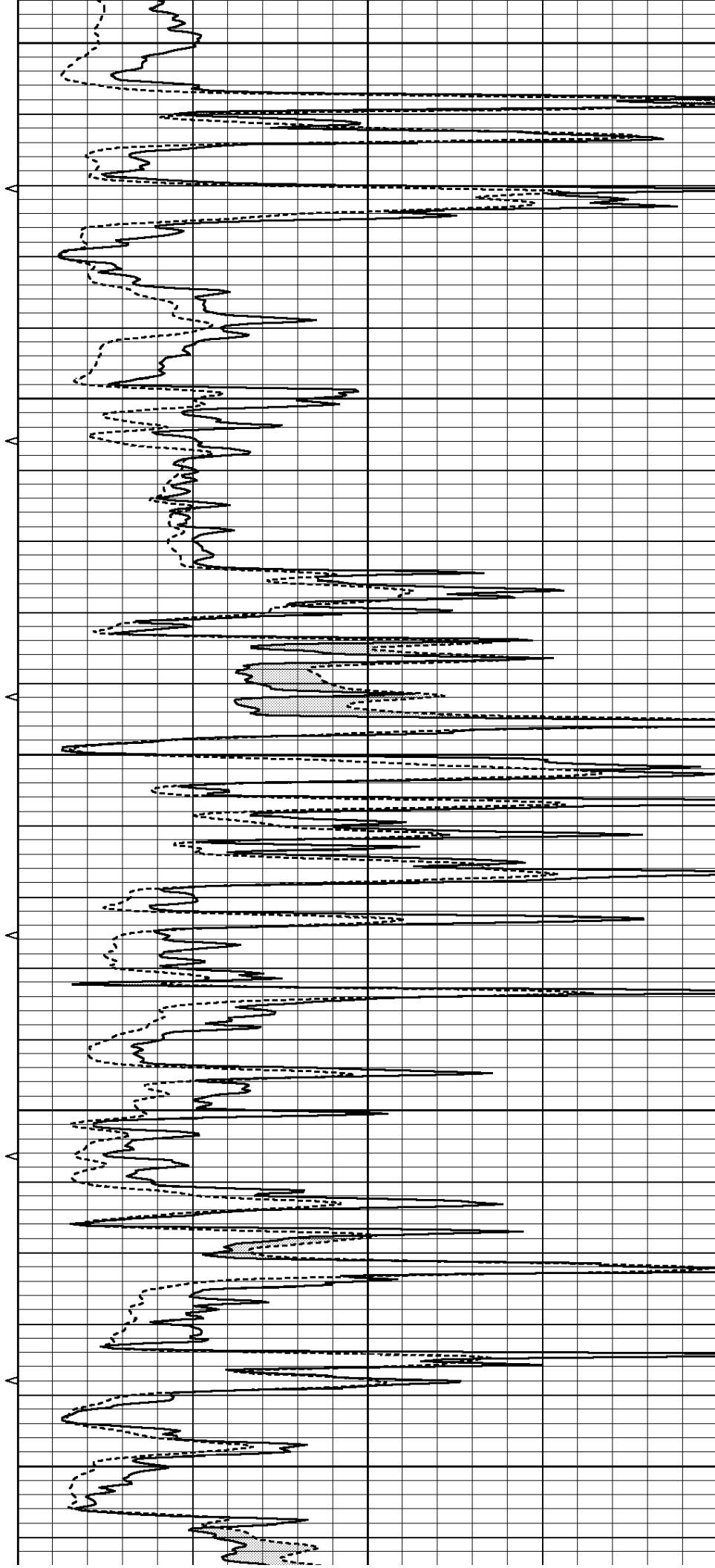
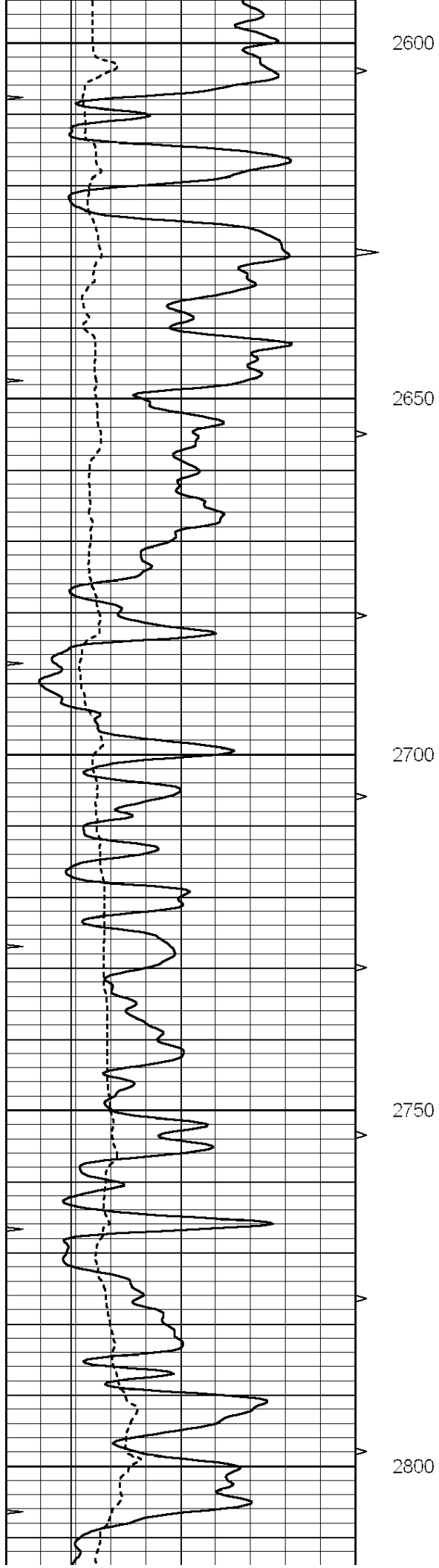
MAIN SECTION

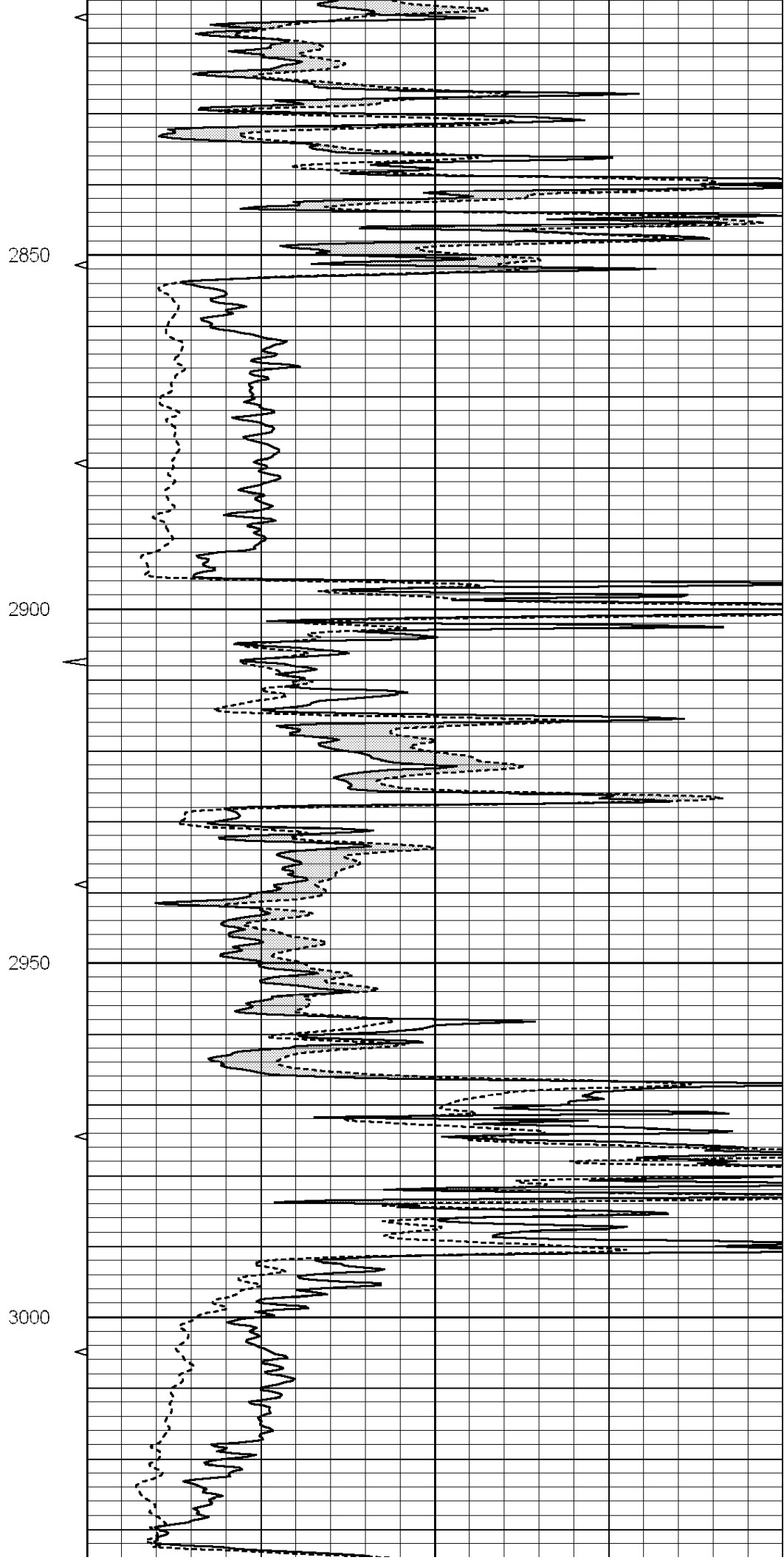
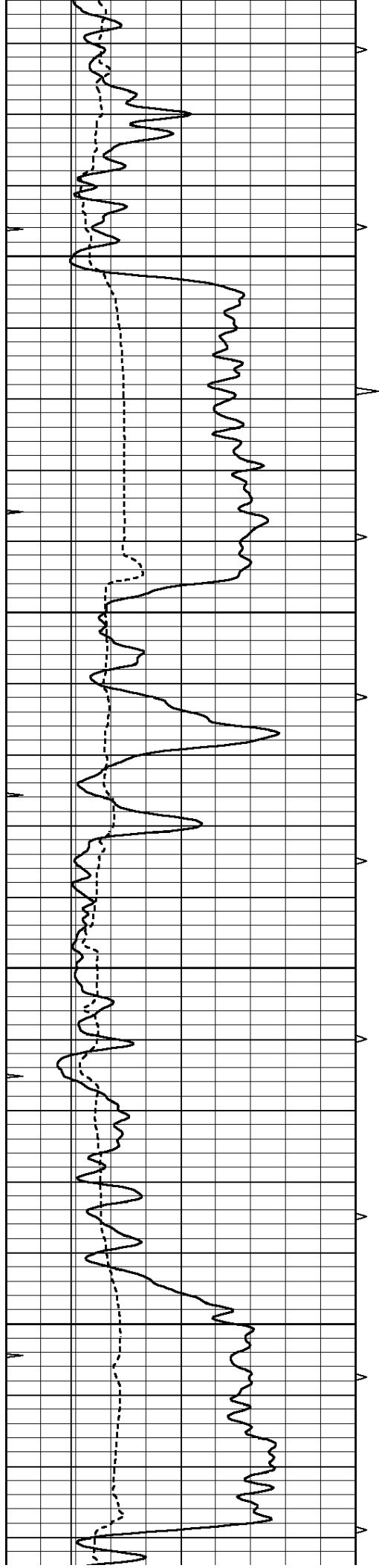
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Dataset Pathname: pass6.3
Presentation Format: micro
Dataset Creation: Mon Jan 31 03:07:40 2011
Charted by: Depth in Feet scaled 1:240

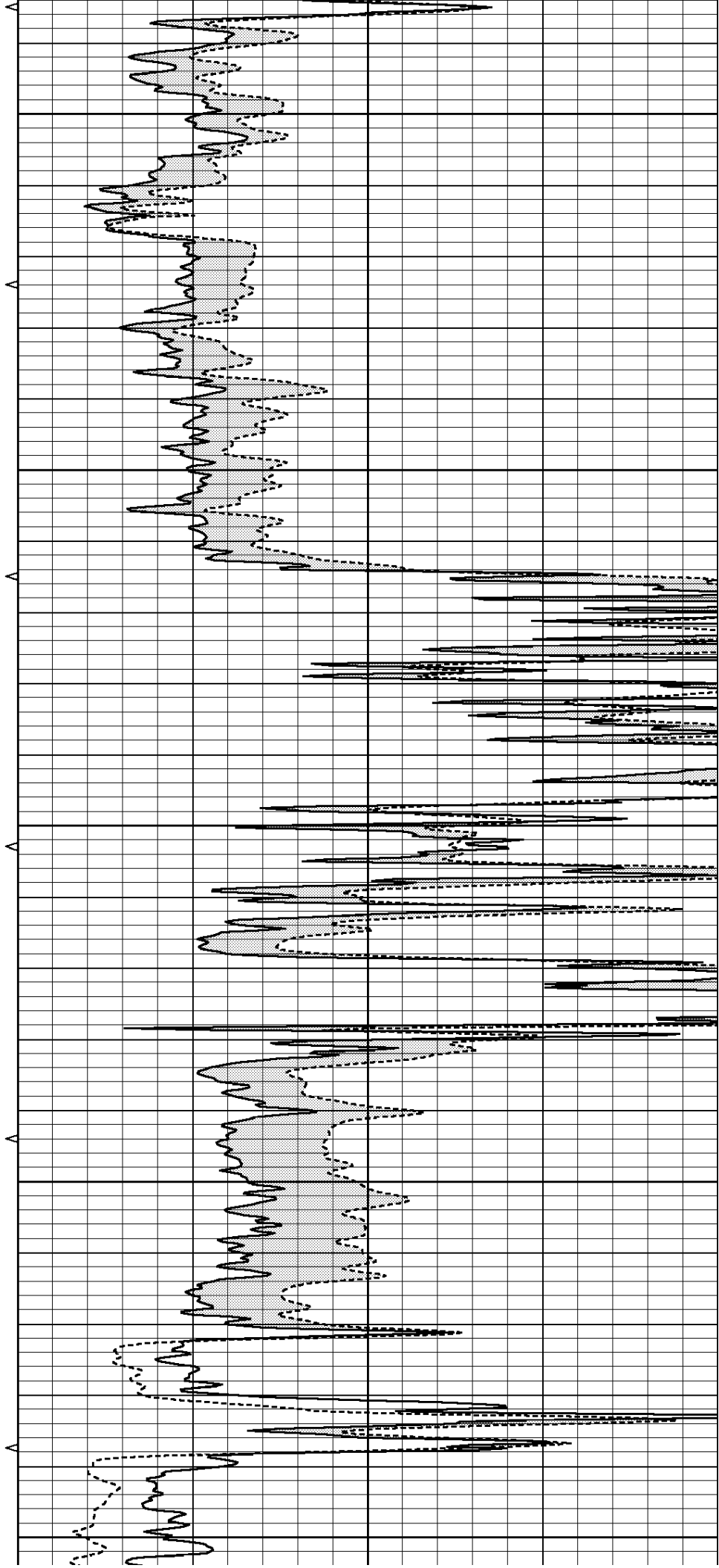
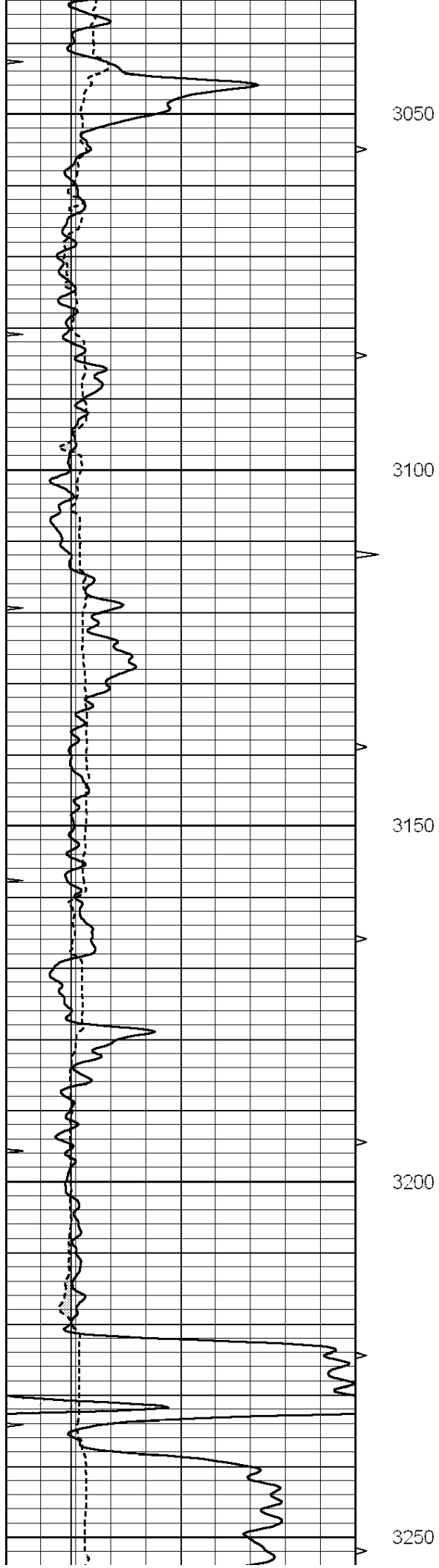
0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16	10 (ft3)	0 0	MEL2.0 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		

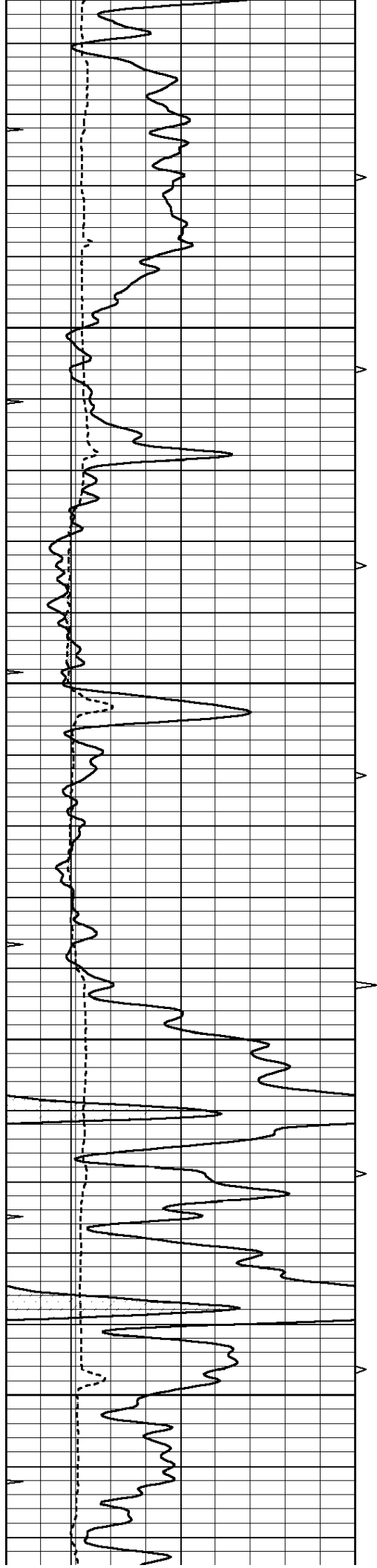










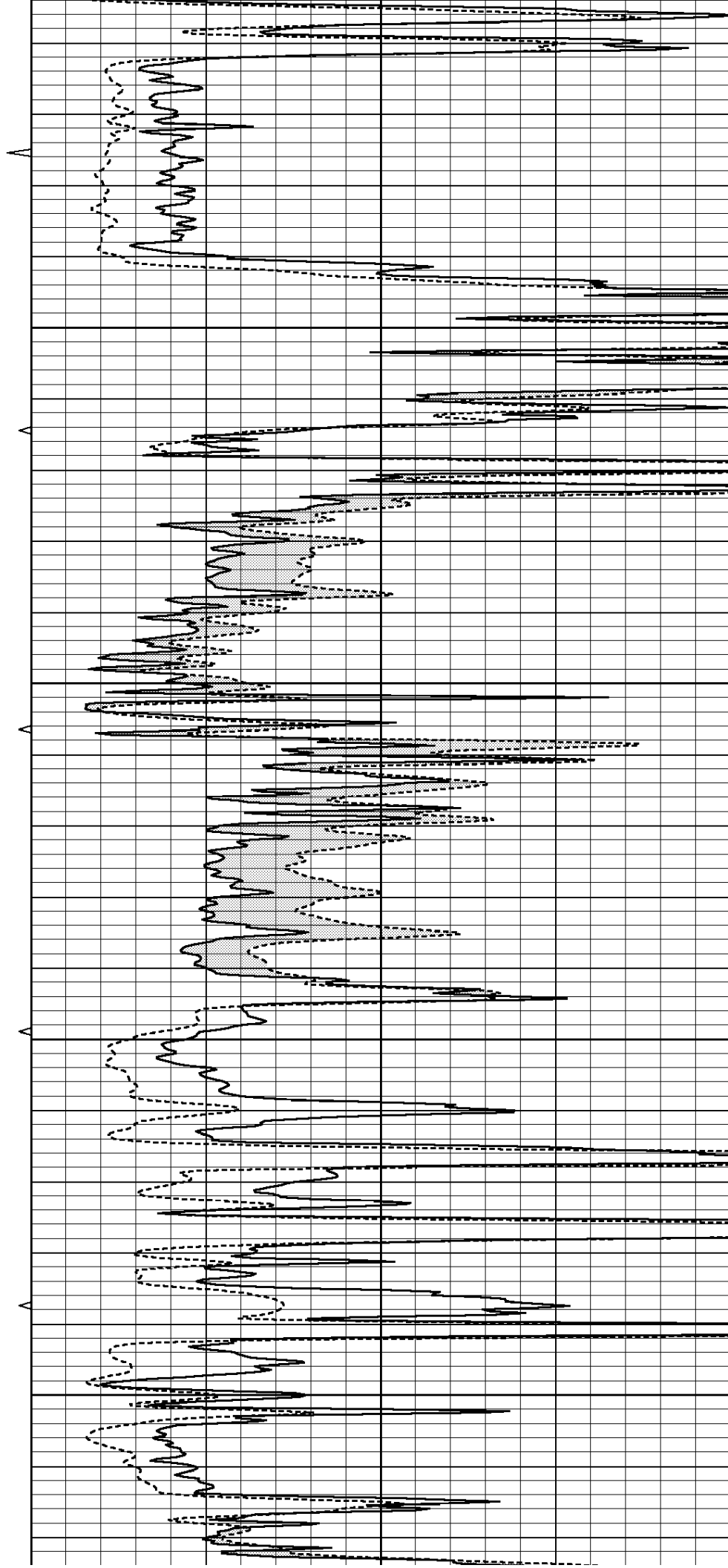


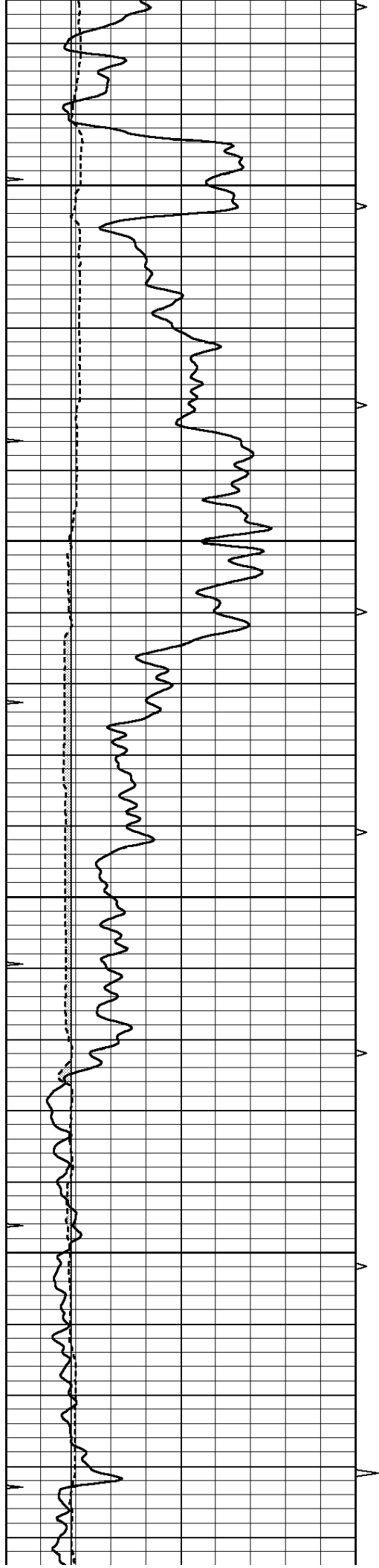
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3350

3400

3450



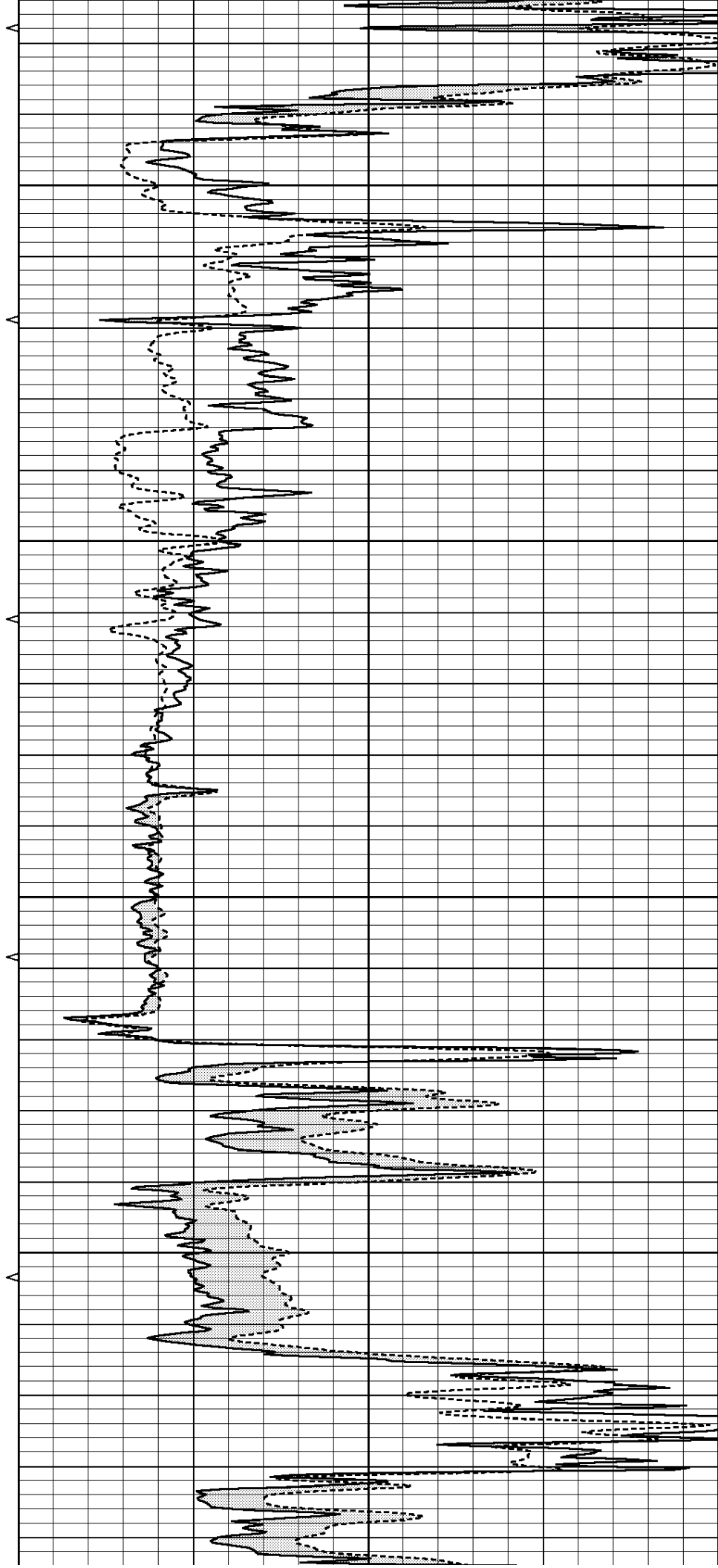


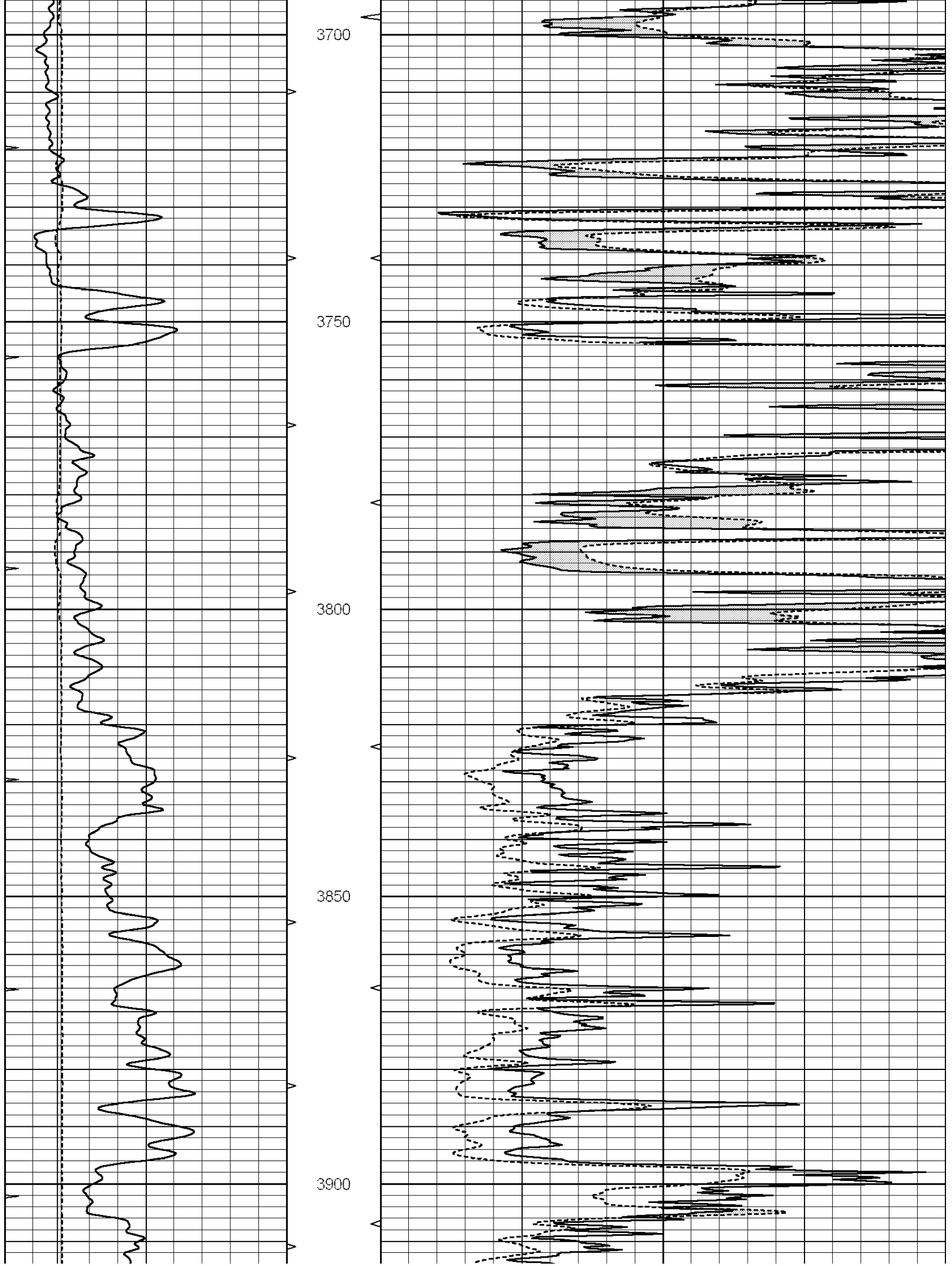
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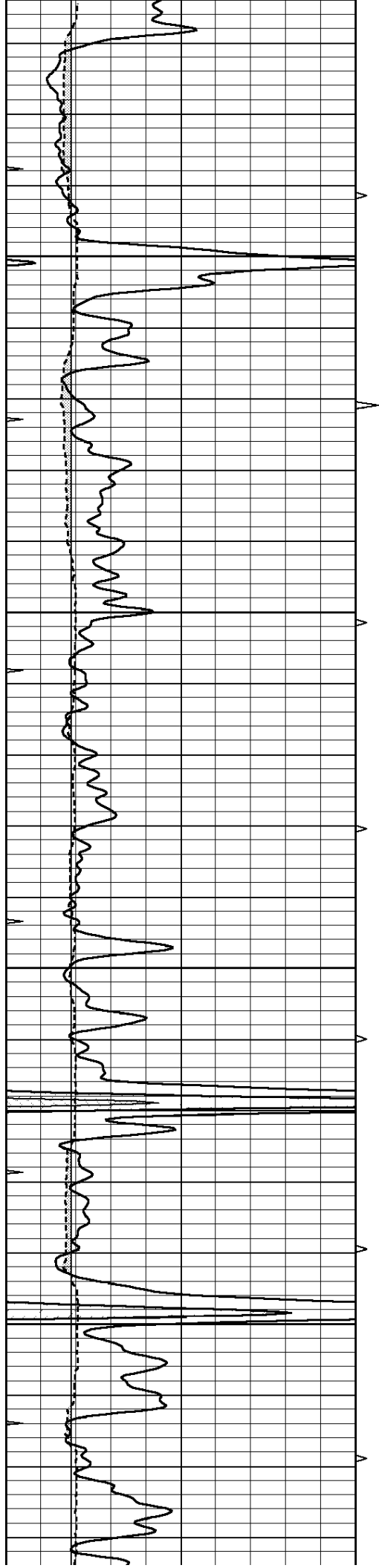
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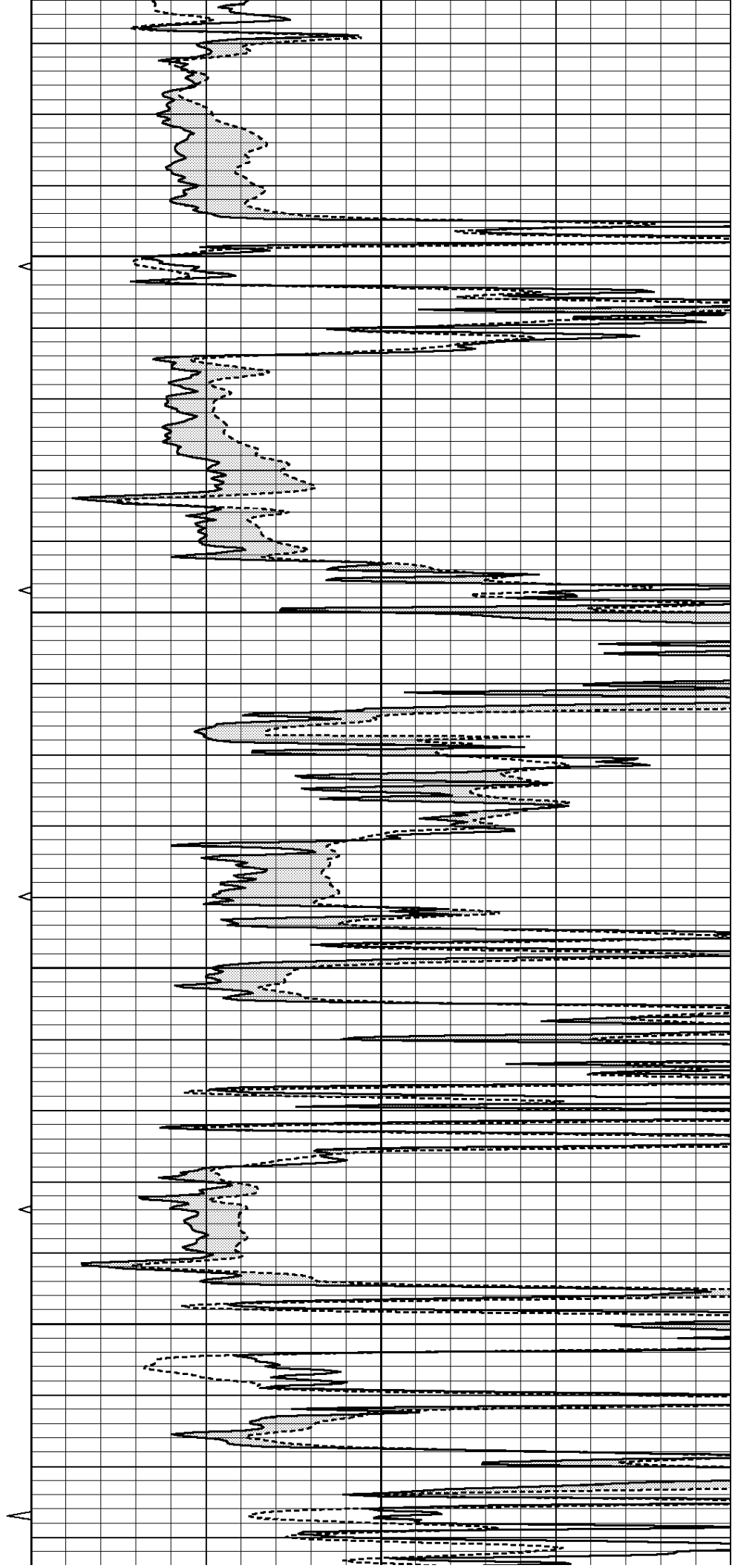


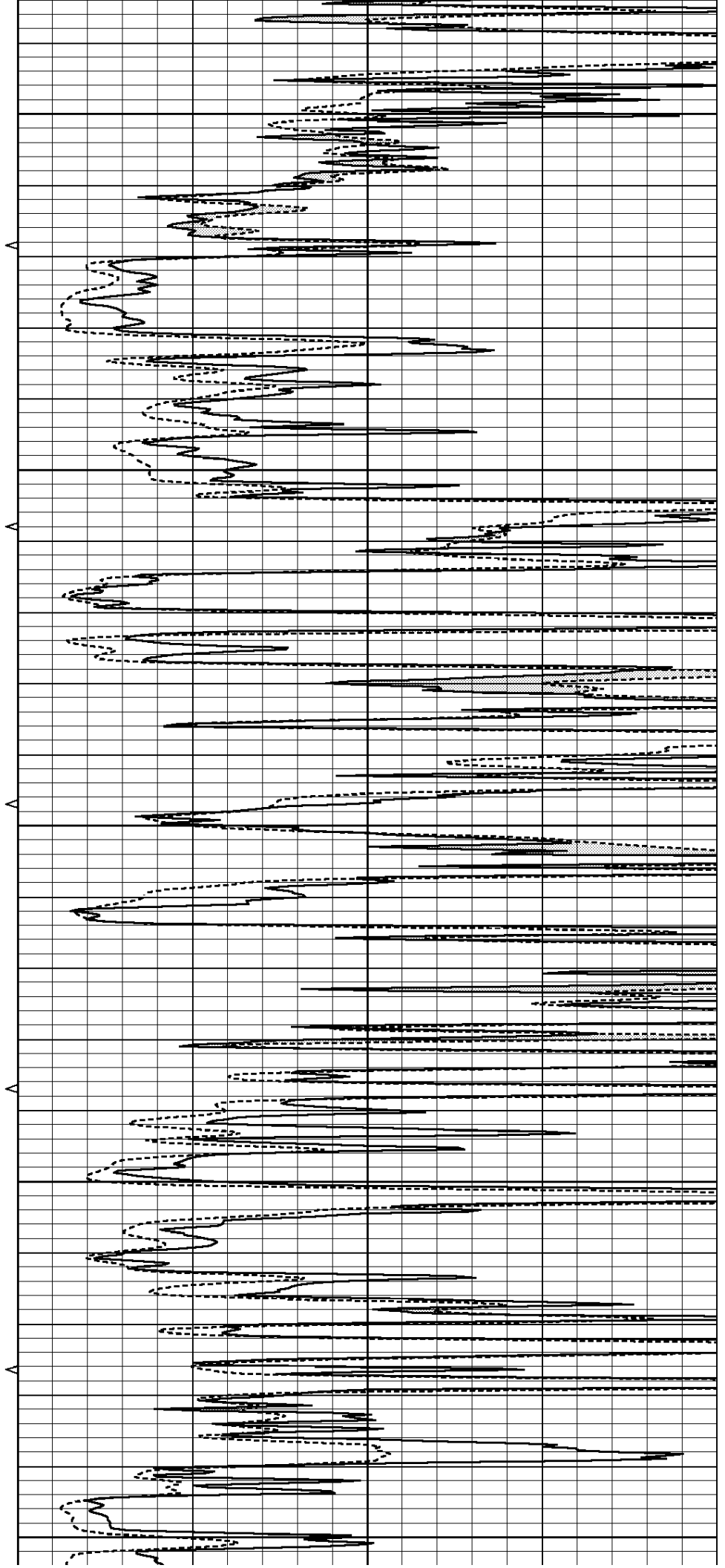
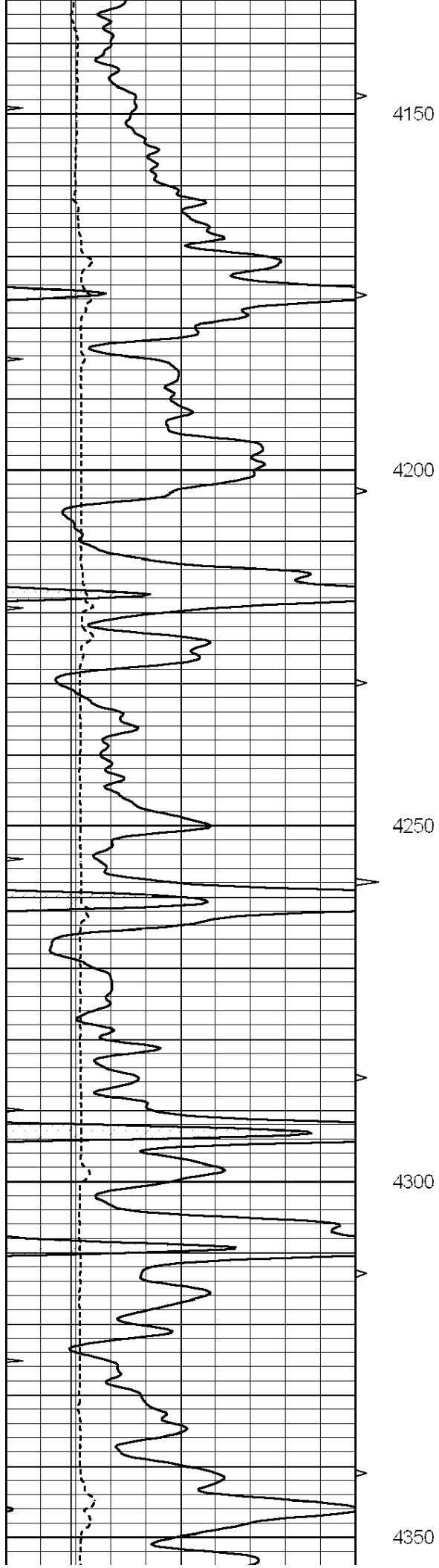
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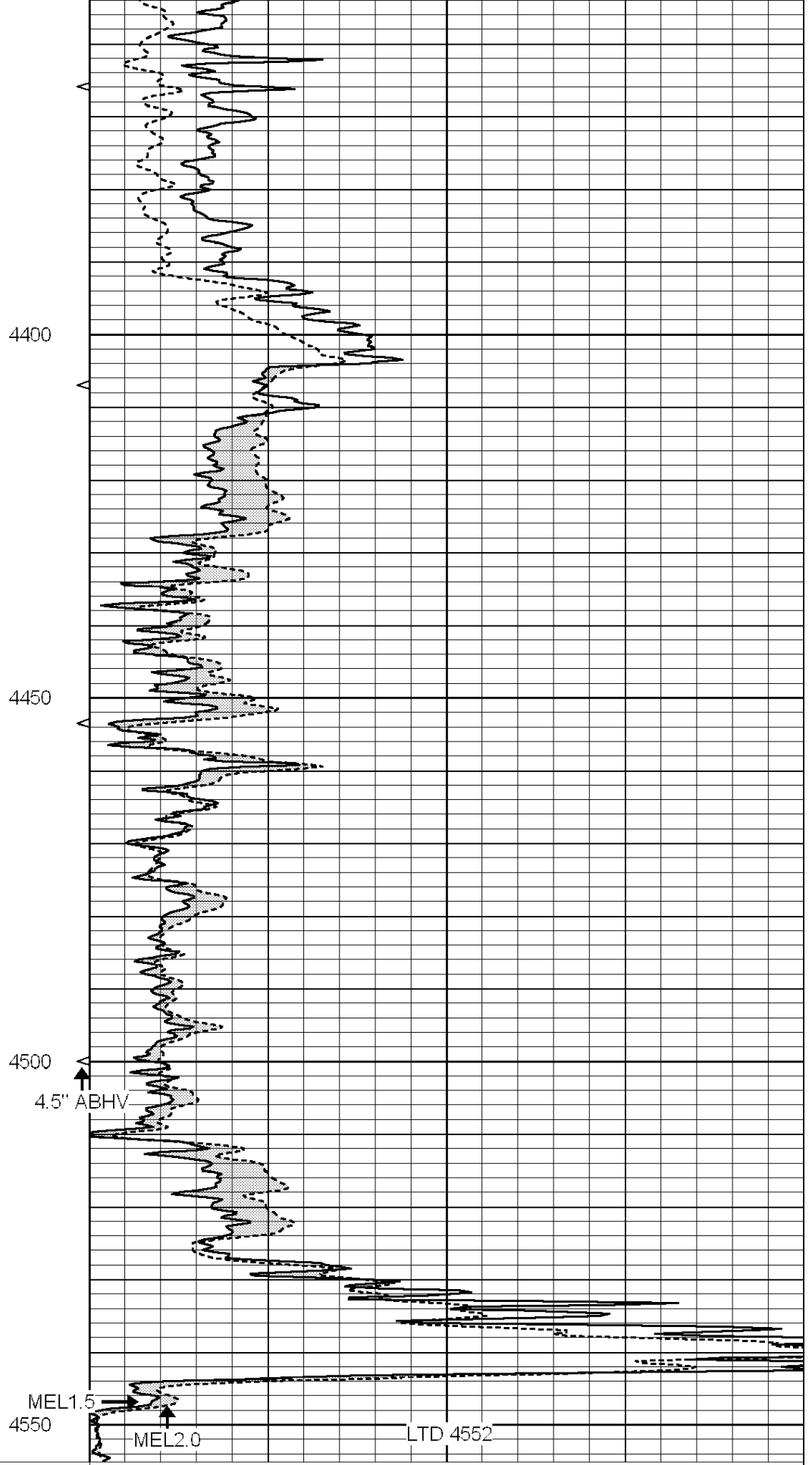
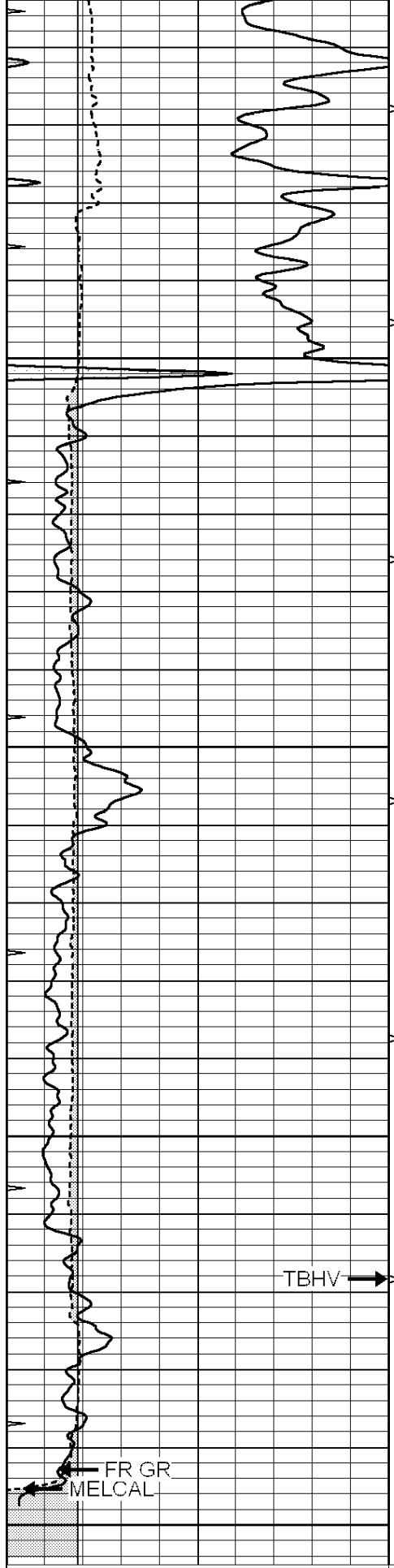
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4050

4100







0	GAMMA RAY (GAPI)	150
6	CALIPER (in)	16
0	MINMK	20

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

MEL1.5 (Ohm-m)	40
MEL2.0 (Ohm-m)	40

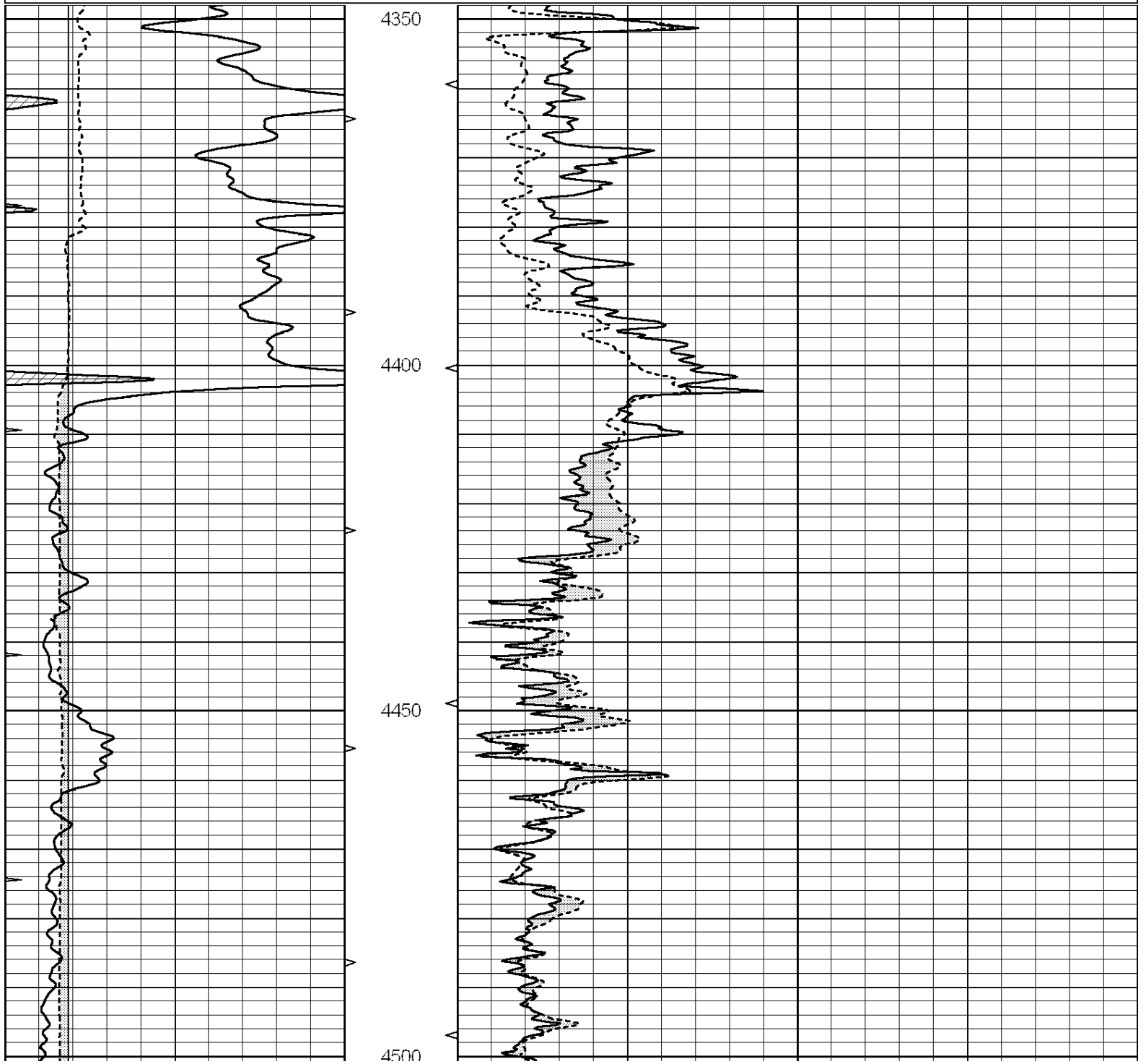


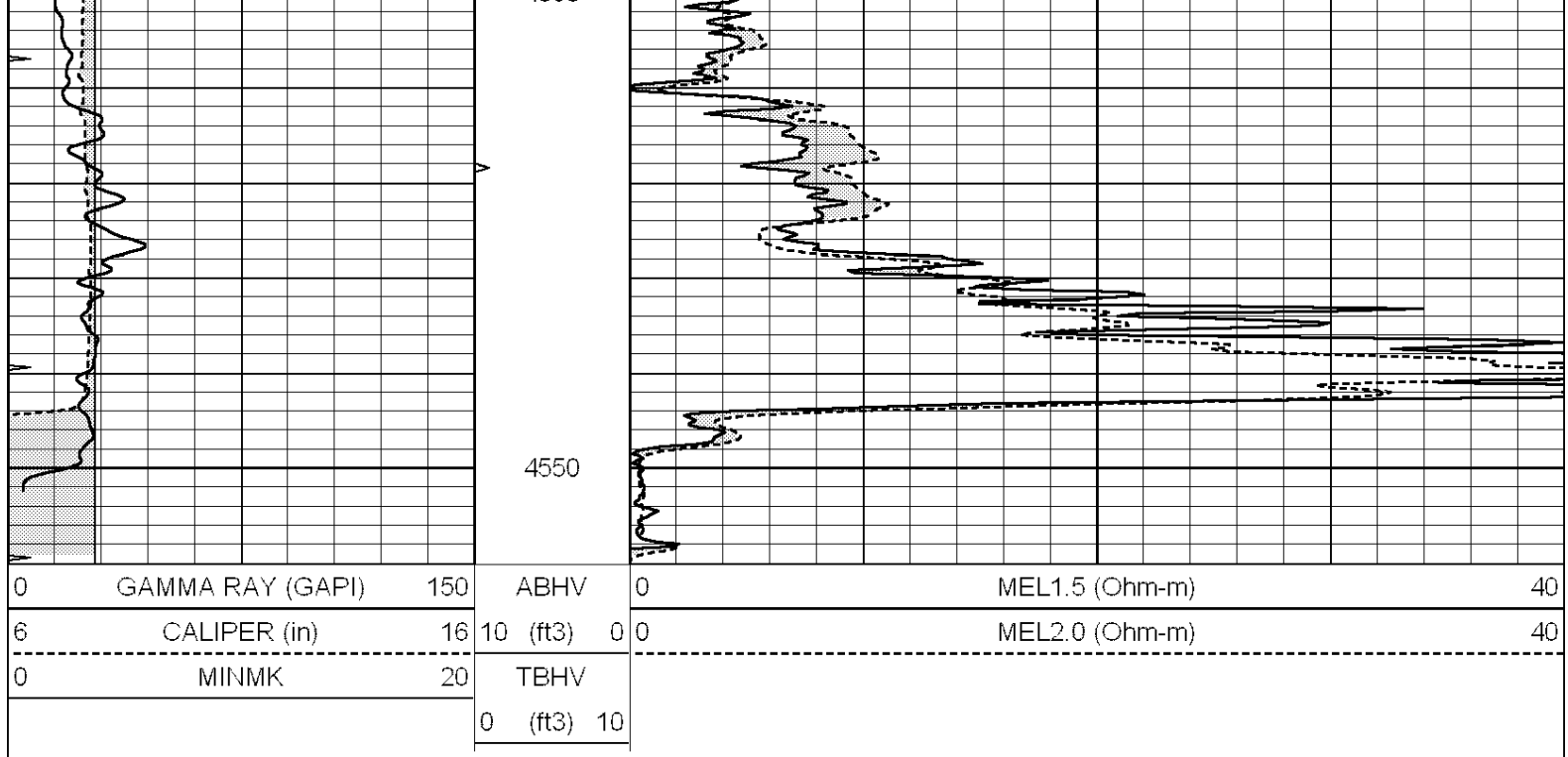
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REPEAT SECTION

Database File: 006279ddn.db
Dataset Pathname: pass5.3
Presentation Format: micro
Dataset Creation: Mon Jan 31 01:50:55 2011 by Calc Open-Cased 090629
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	MEL2.0 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		





Calibration Report			
Database File:	006279ddn.db		
Dataset Pathname:	pass6.3		
Dataset Creation:	Mon Jan 31 03:07:40 2011		
MICRO Calibration Report			
Serial Number:	2		
Tool Model:	PROBE		
Performed:	Mon Jan 31 01:51:18 2011		
Caliper Calibration:	Gain=4.871	Offset=2.512	
	Low Cal	High Cal	
References	6.200	14.000	
Readings	0.757	2.358	
1.5" Calibration:	Gain=36.000	Offset=-1.000	
	Low Cal	High Cal	
References	0.000	20.000	
Readings	0.065	1.210	
2" Calibration:	Gain=45.000	Offset=0.000	
	Low Cal	High Cal	
References	0.000	20.000	
Readings	0.012	1.043	
Gamma Ray Calibration Report			
Serial Number:	GR3		
Tool Model:	OPEN		
Performed:	Mon Jan 31 01:51:14 2011		
Calibrator Value:	200.0	GAPI	
Background Reading:	3.0	cps	
Calibrator Reading:	186.0	cps	
Sensitivity:	0.6500	GAPI/cps	