



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

MICRO LOG

Company	WHITE EXPLORATION, INC.	Company	WHITE EXPLORATION, INC.
Well	RALPH #1	Well	RALPH #1
Field		Field	
County	BARBER	County	BARBER
State	KANSAS	State	KANSAS
Location:	API # : 15-007-23993-0000	Other Services CDL/CNL PE/DIL/SON	
	1853' FNL & 337' FWL		
	SEC 6 TWP 31S RGE 11W		
Permanent Datum	GROUND LEVEL	Elevation	1669
Log Measured From	KELLY BUSHING 10' A.G.L.	K.B. 1679 D.F. 1677 G.L. 1669	
Drilling Measured From	KELLY BUSHING		
Date	3/14/13		
Run Number	TWO		
Depth Driller	4778		
Depth Logger	4780		
Bottom Logged Interval	4762		
Top Log Interval	3000		
Casing Driller	8 5/8" @ 310'		
Casing Logger	310		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 6000 PPM	
Density / Viscosity	9.4/58		
pH / Fluid Loss	9.5/10.8		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.60 @ 89F		
Rmt @ Meas. Temp	.45 @ 89F		
Rmc @ Meas. Temp	.72 @ 89F		
Source of Rmt / Rmc	MEASUREMENT		
Rm @ BHT	.43 @ 123F		
Time Circulation Stopped	3 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	123F		
Equipment Number	4010		
Location	HAYS, KANSAS		
Recorded By	JASON CAPELLUCCI		
Witnessed By	DAVE GOLDAK		

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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 NABORS, HAYS, KS. (785) 628-6395
DIRECTIONS:
SAWYER, KS. - S. TO 99 SPRINGS RD. (RESORT RD.) - E. ACROSS BRIDGE
TO GAILLARDIA RD. - 1 1/2 S. TO FORK - STAY RIGHT INTO

Database File:

010859pe.db

Dataset Pathname:

pass6.1

Presentation Format:

_micro

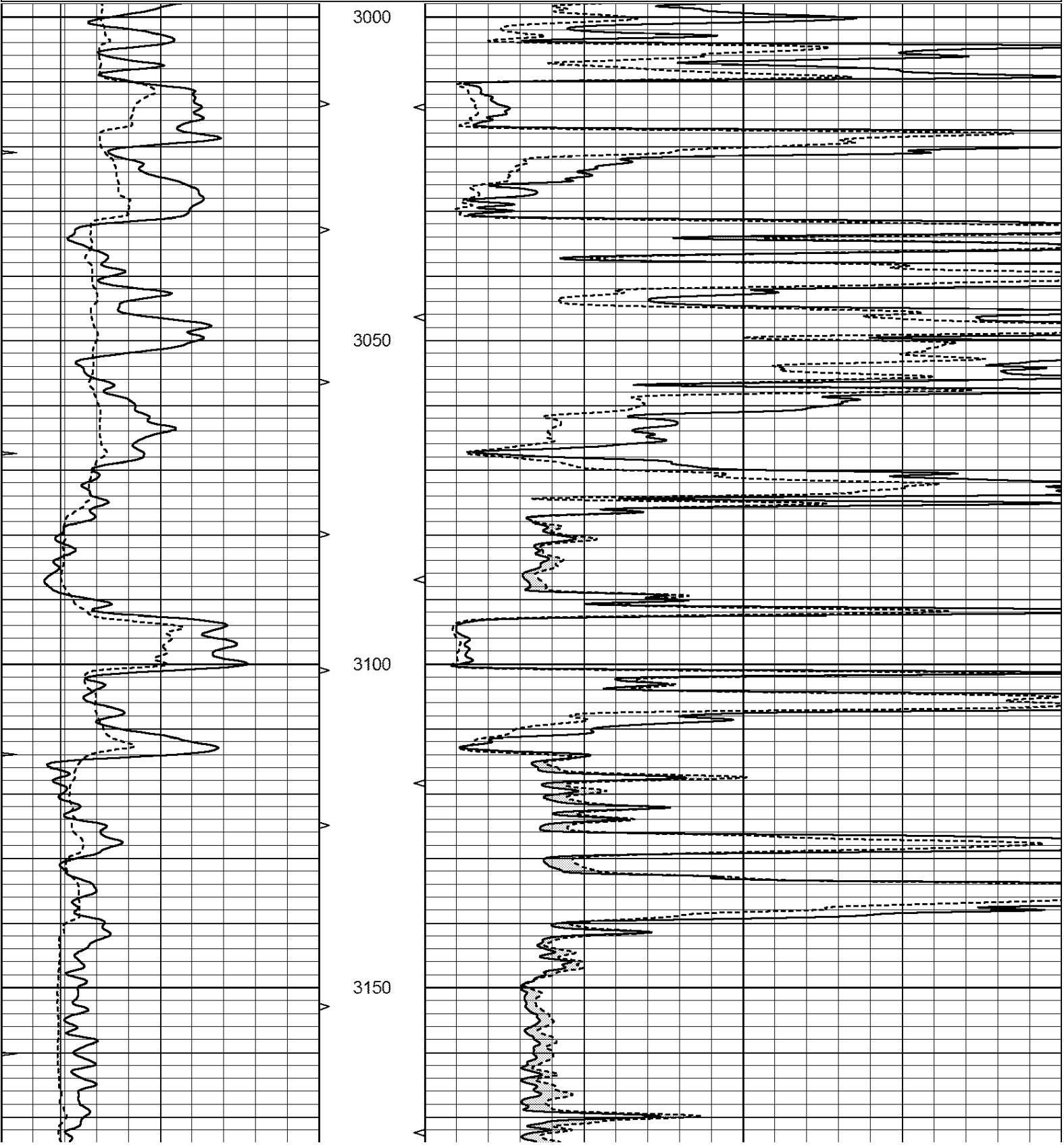
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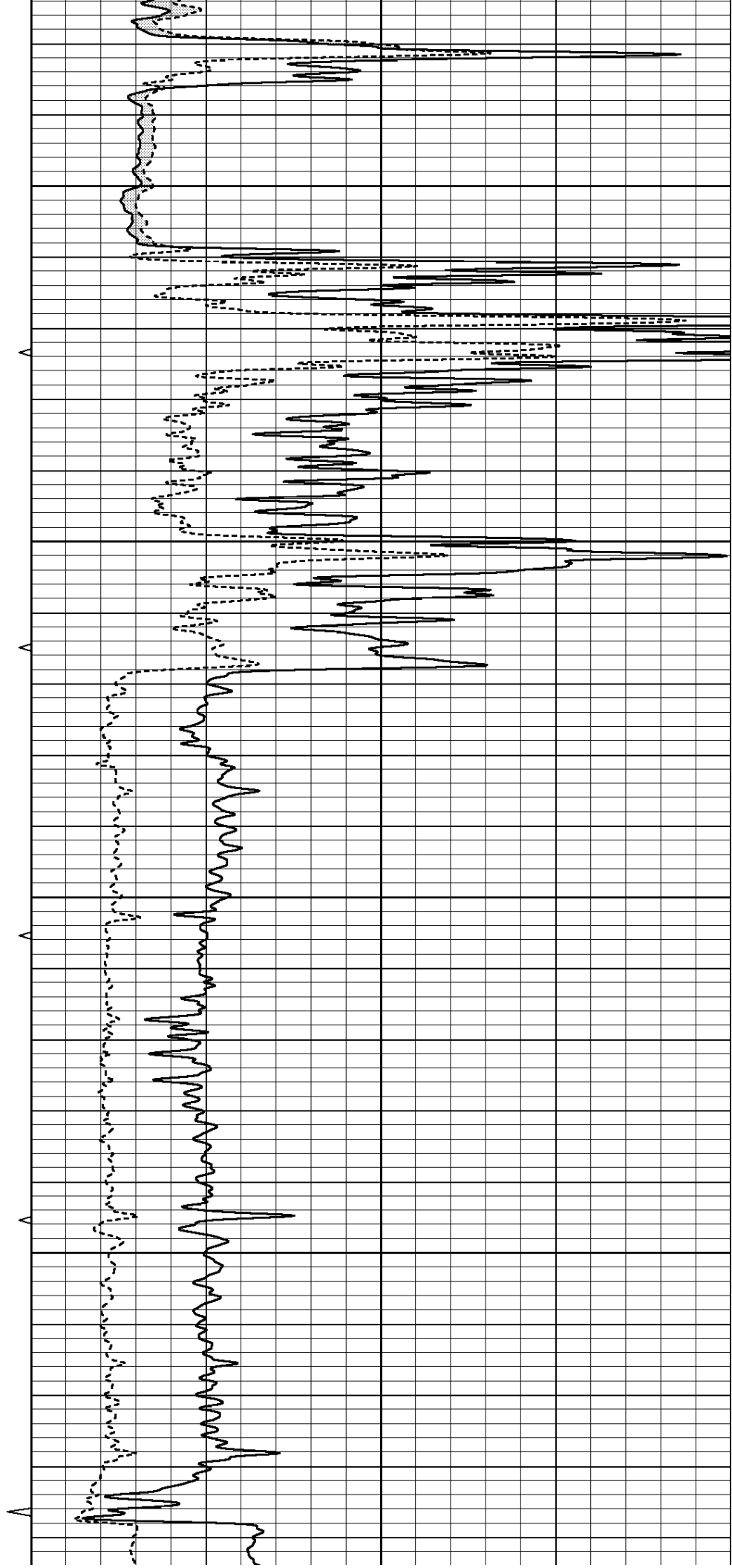
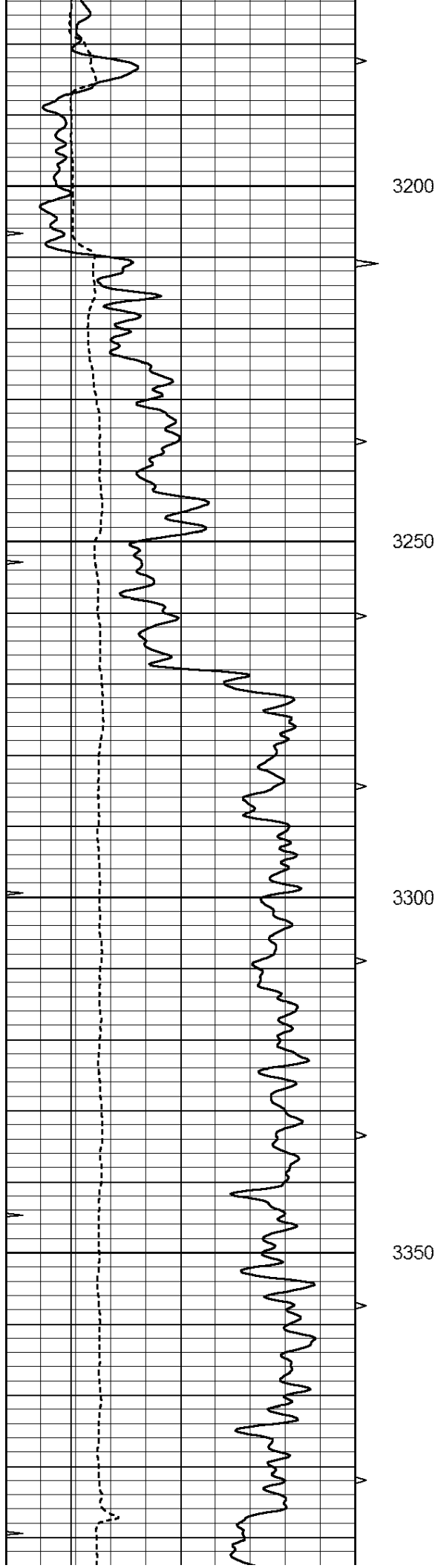
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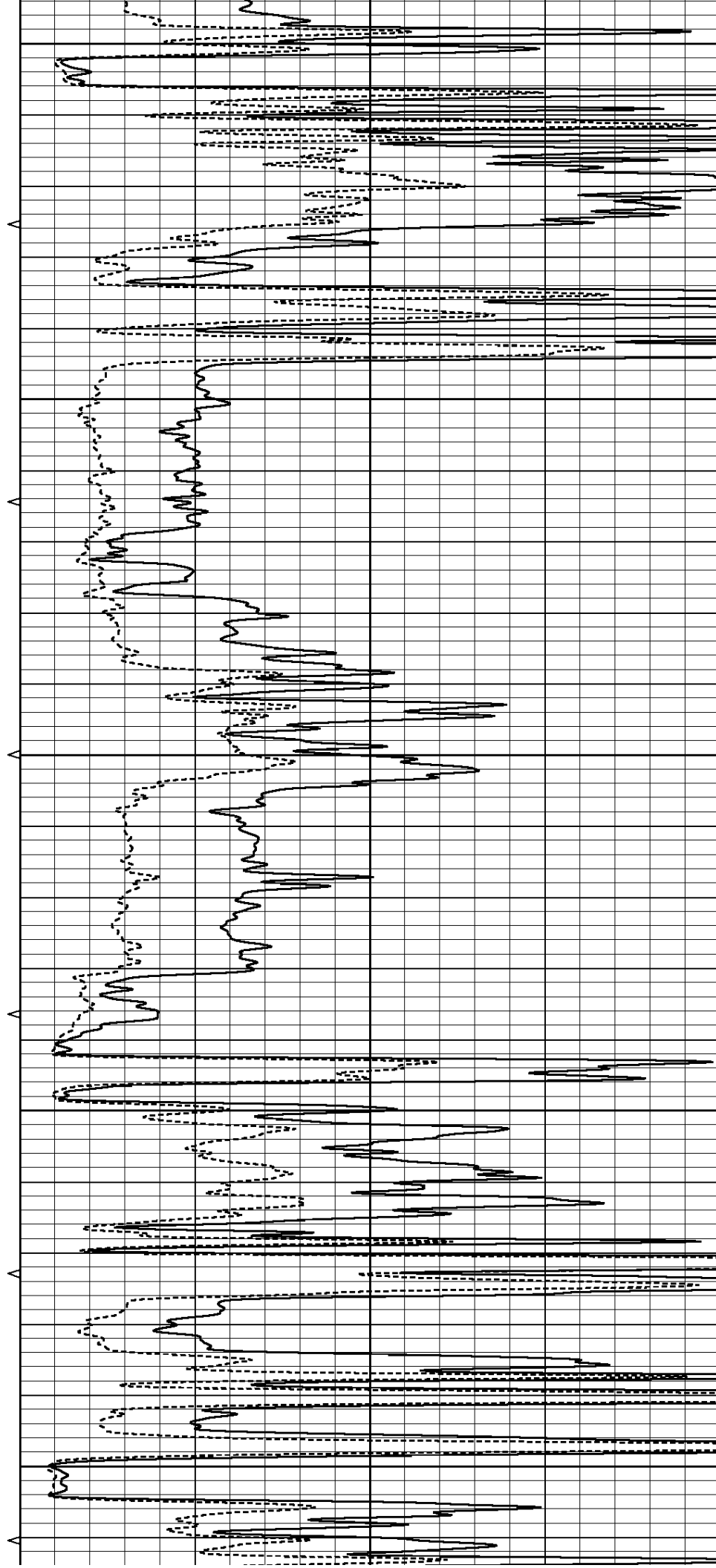
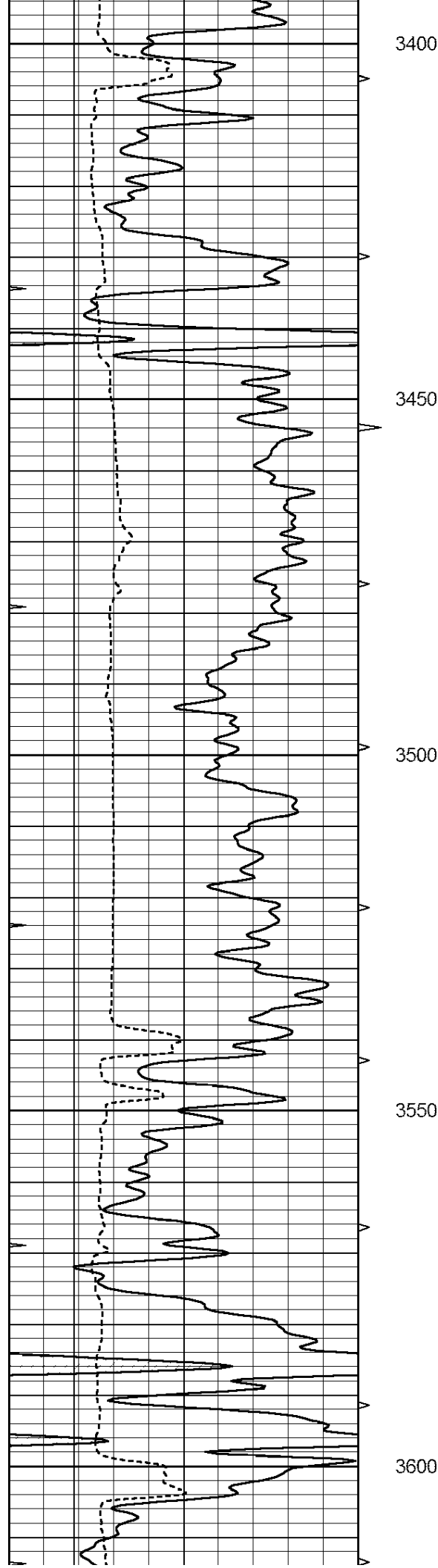
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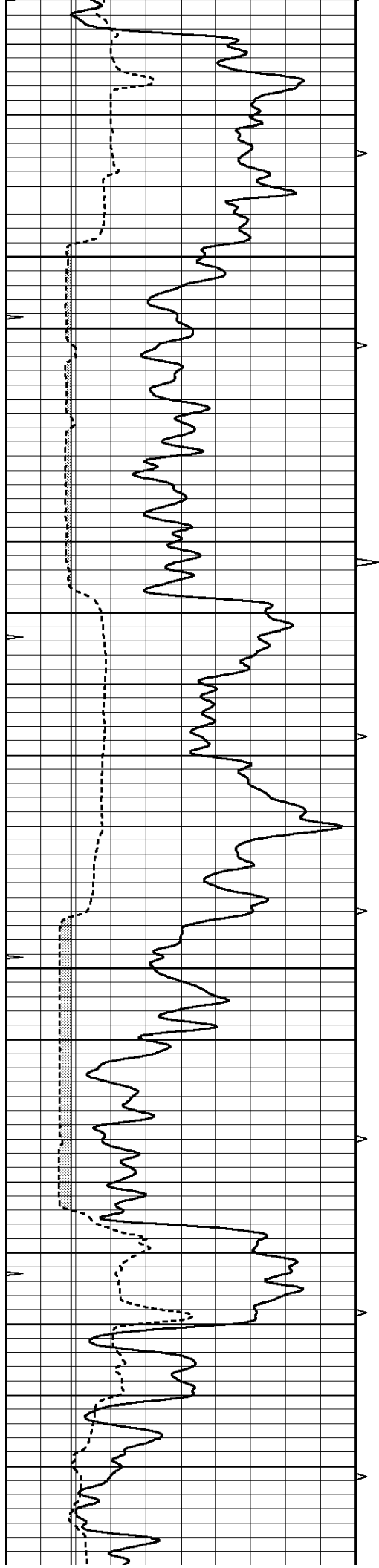
Depth in Feet scaled 1:240

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		







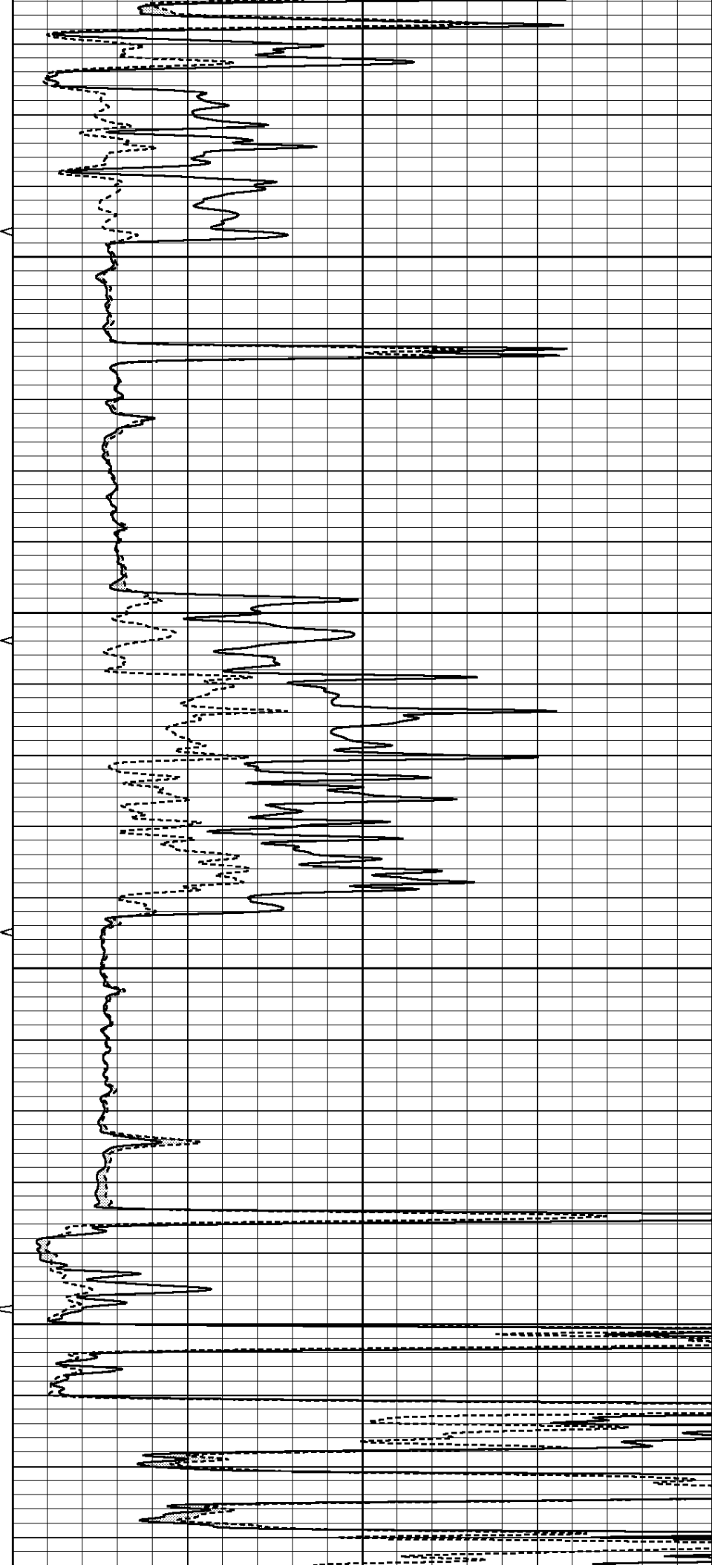


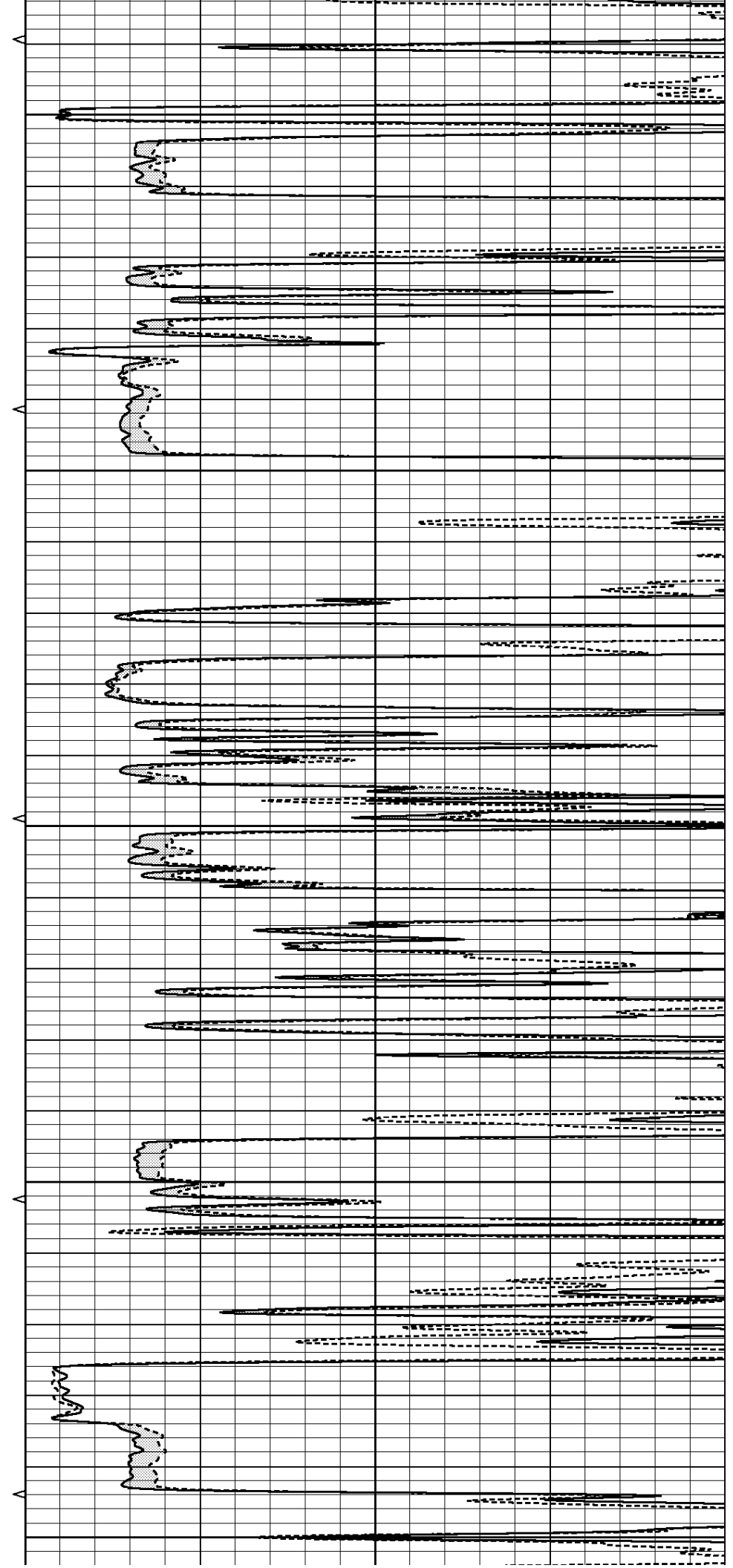
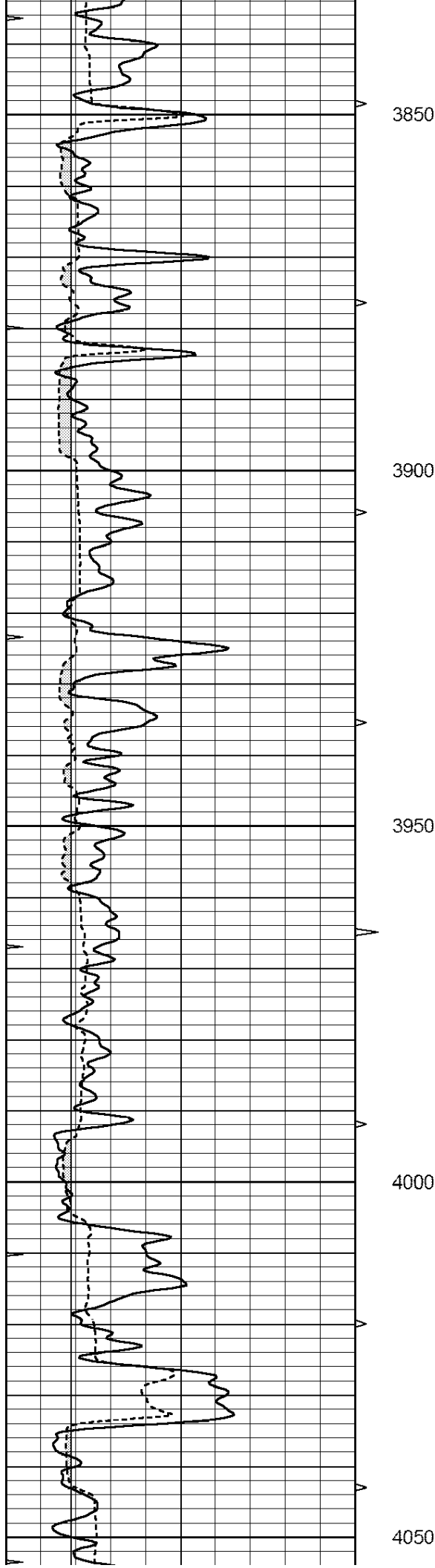
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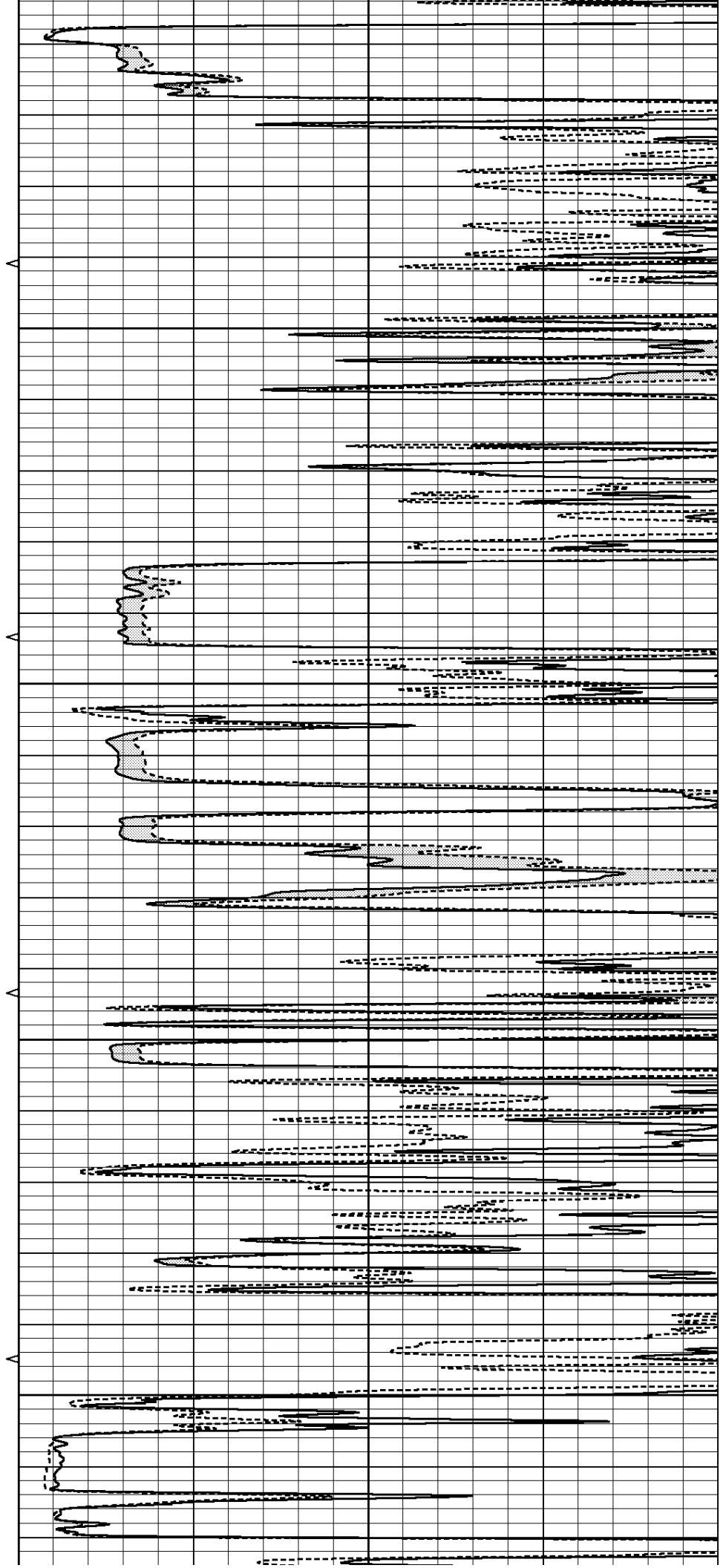
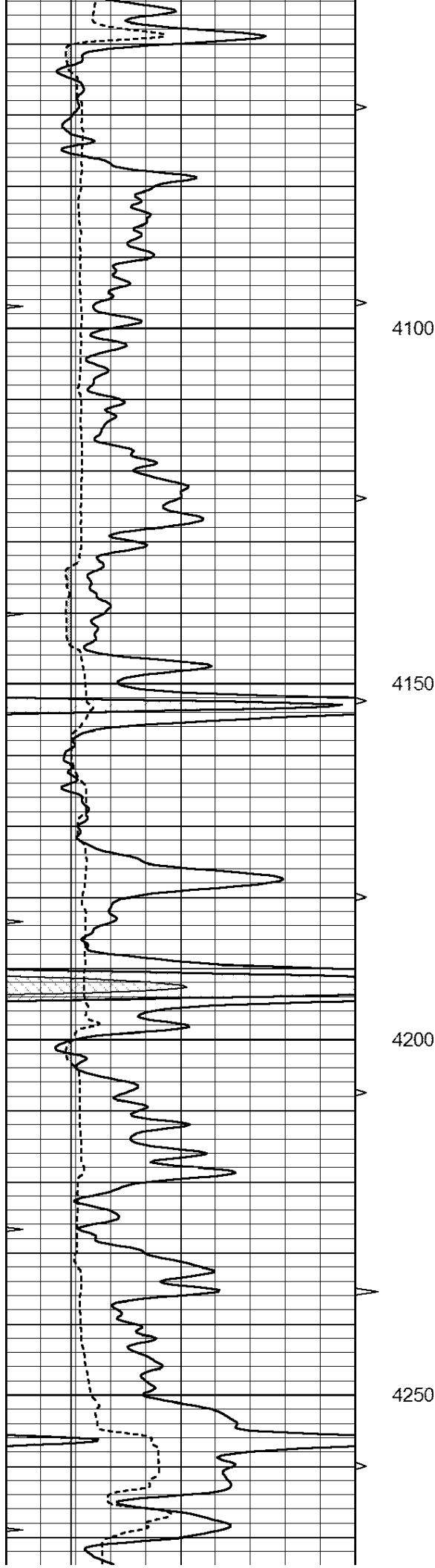
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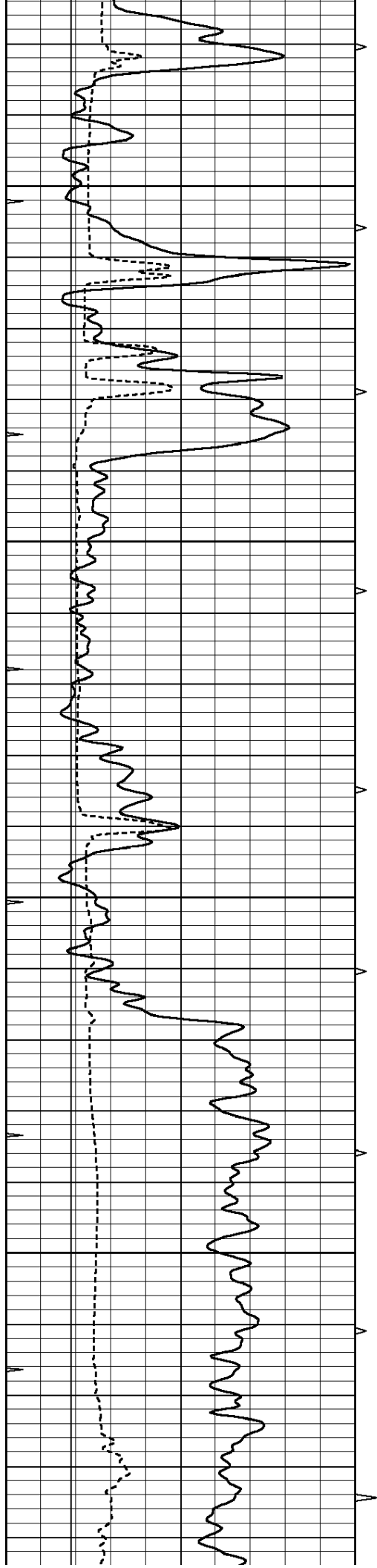
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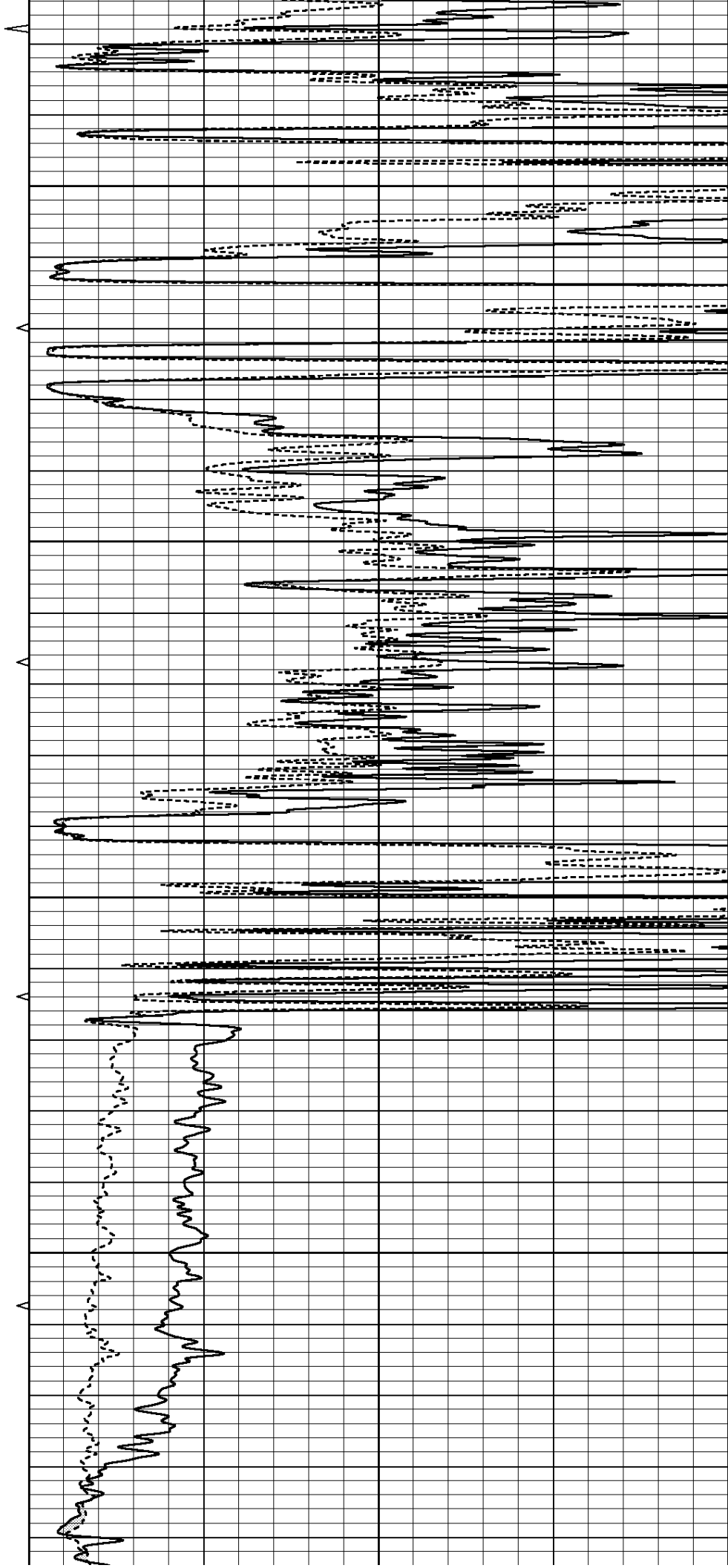


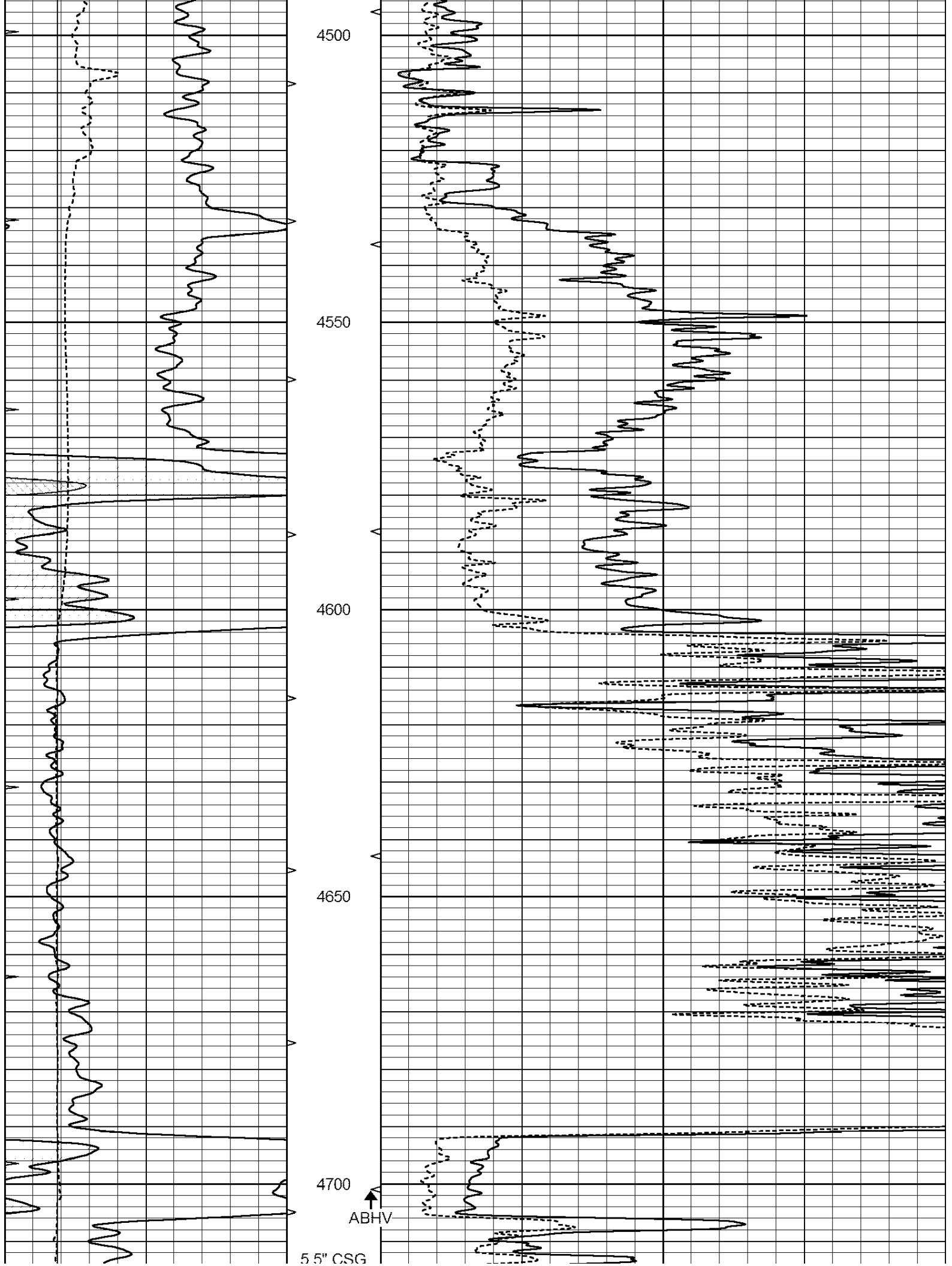
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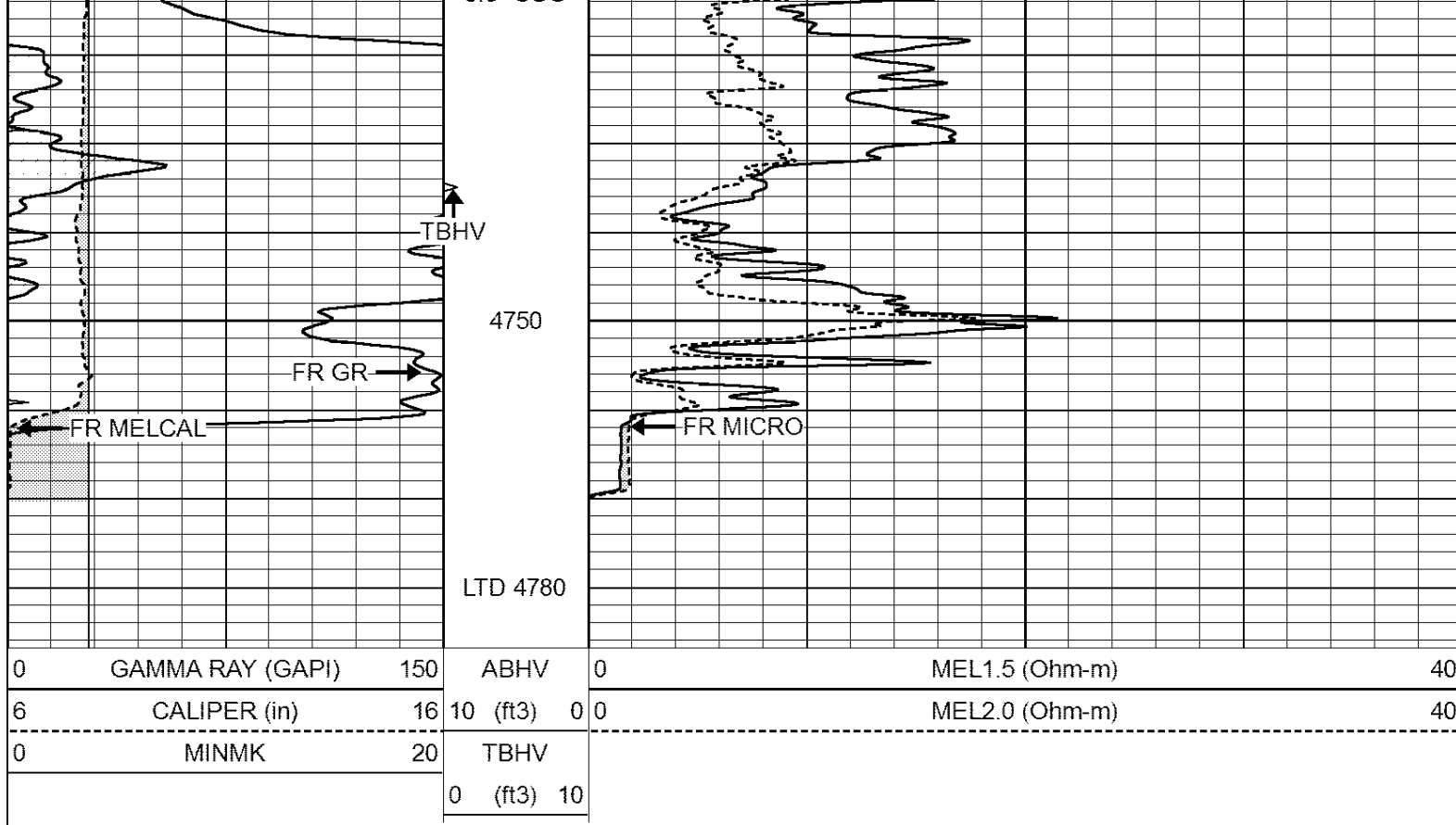
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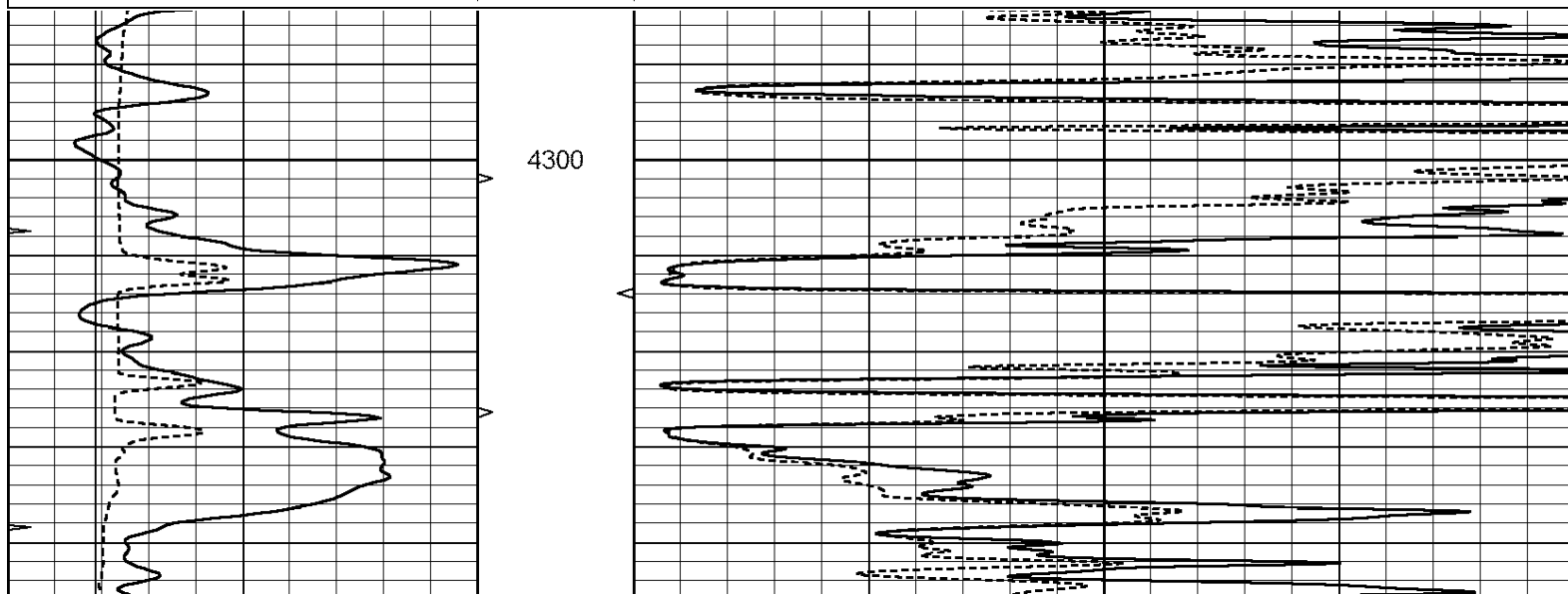


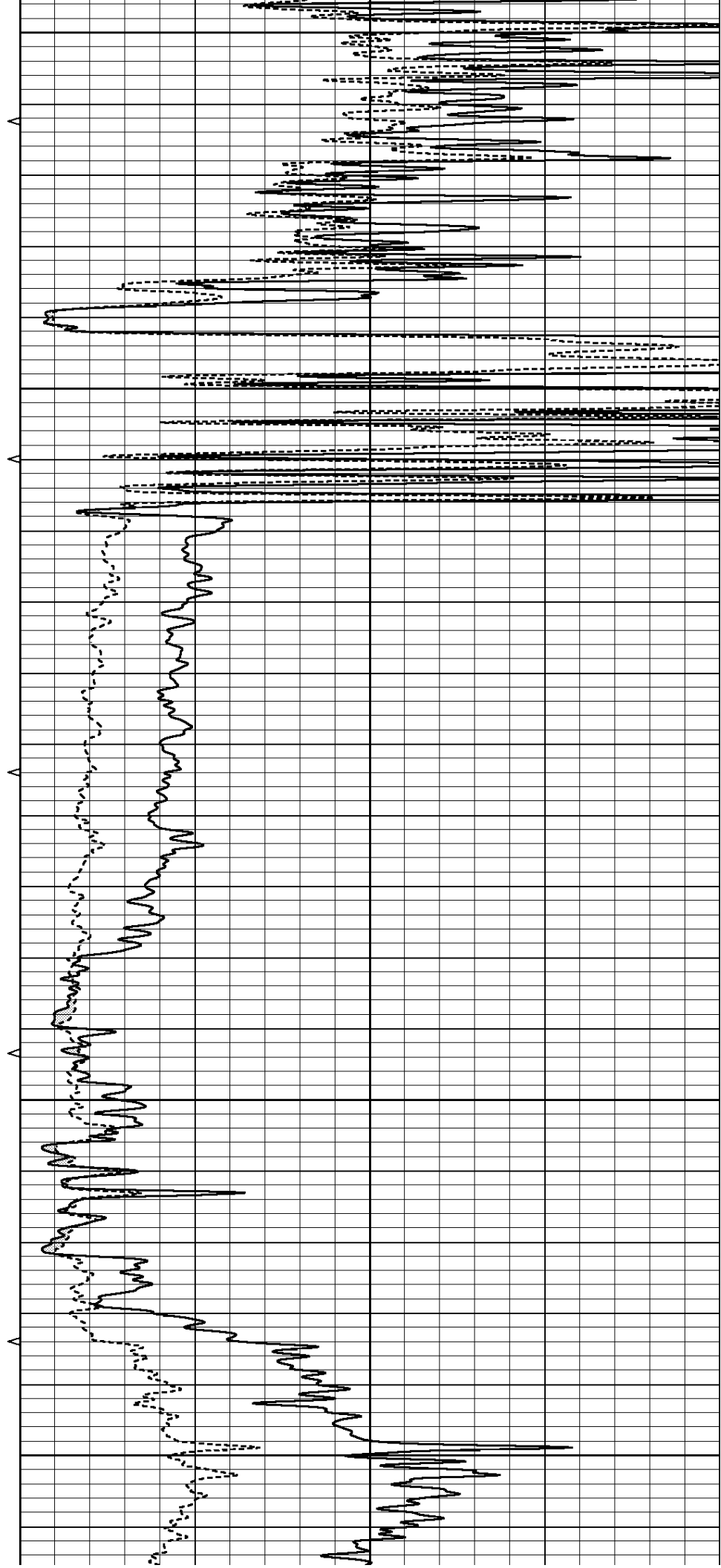
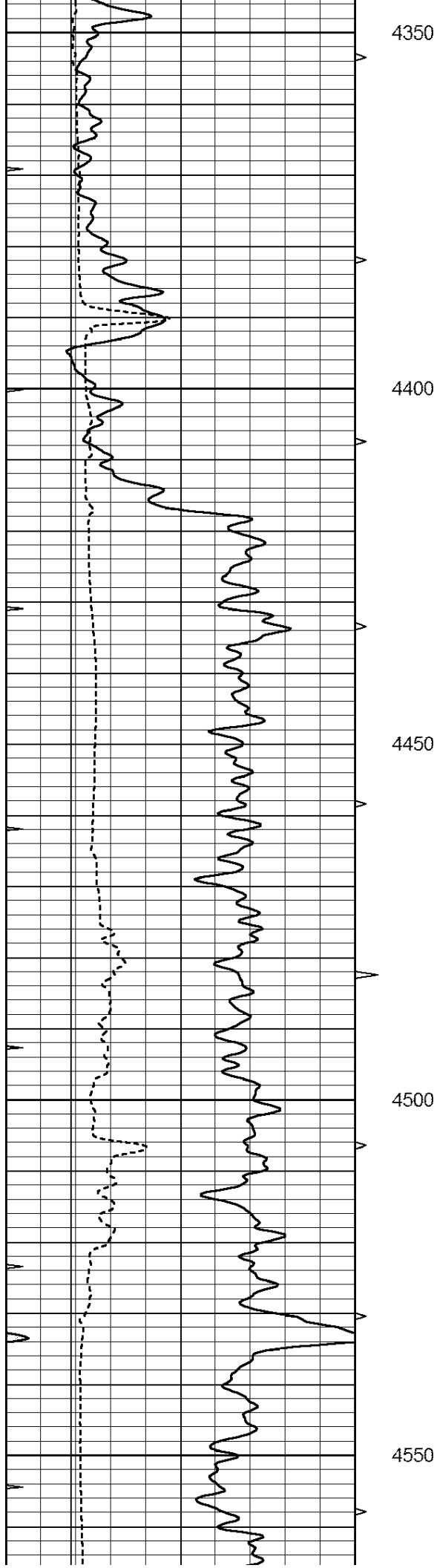


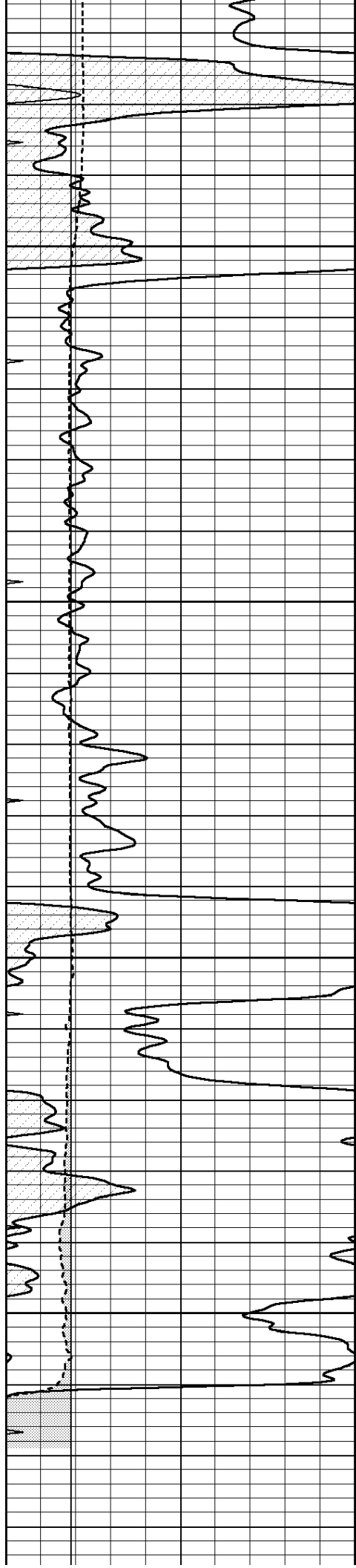
REPEAT SECTION

Database File: 010859pe.db
 Dataset Pathname: pass5.1
 Presentation Format: _micro
 Dataset Creation: Thu Mar 14 18:17:14 2013 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		





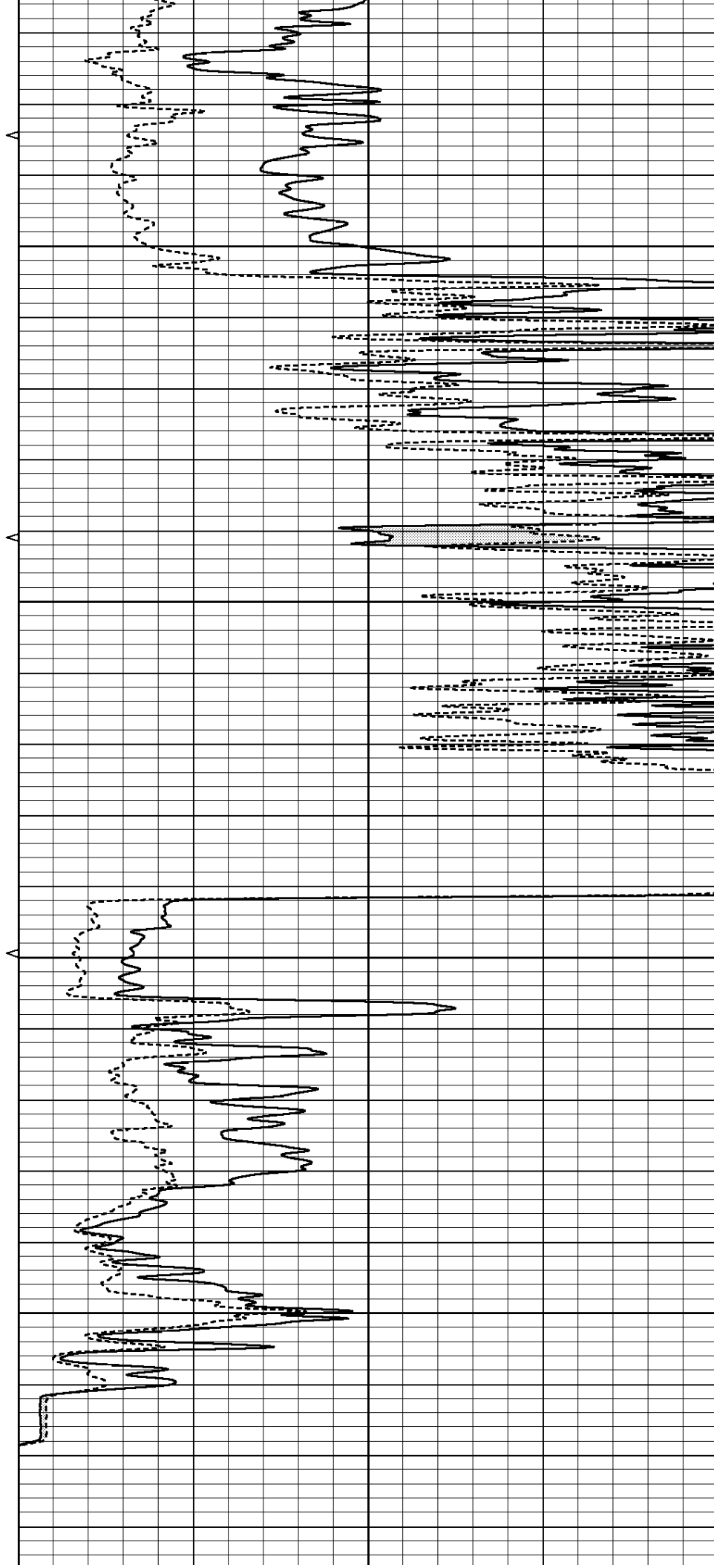


4600

4650

4700

4750



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:	010859pe.db		
Dataset Pathname:	pass5.1		
Dataset Creation:	Thu Mar 14 18:17:14 2013 by Calc Open-Cased 090629		
MICRO Calibration Report			
Serial Number:	MICRO6		
Tool Model:	PROBE		
Performed:	Tue Jan 15 17:57:23 2013		
Caliper Calibration:	Gain=5.542	Offset=-1.320	
	Low Cal	High Cal	
References	8.000	14.000	
Readings	1.431	2.513	
1.5" Calibration:	Gain=45.075	Offset=0.000	
	Low Cal	High Cal	
References	0.000	20.000	
Readings	0.004	1.196	
2" Calibration:	Gain=42.041	Offset=0.000	
	Low Cal	High Cal	
References	0.000	20.000	
Readings	0.006	0.913	
Gamma Ray Calibration Report			
Serial Number:	#8		
Tool Model:	OPEN		
Performed:	Mon Jun 13 16:56:43 2011		
Calibrator Value:	150.0	GAPI	
Background Reading:	0.0	cps	
Calibrator Reading:	175.0	cps	
Sensitivity:	0.8371	GAPI/cps	