



MICRO LOG

Company	BEAR PETROLEUM	Company	BEAR PETROLEUM
Well	RYAN A #1	Well	RYAN A #1
Field	UNNAMED	Field	UNNAMED
County	PAWNEE	County	PAWNEE
State	KANSAS	State	KANSAS
Location:		API # : 15-145-21844-00-00	Other Services
SEC 15 TWP 22S RGE 20W		2240 FSL & 400 FWL	CDL/CNL/DIL SON
Permanent Datum	GROUND LEVEL	Elevation	2223
Log Measured From	KELLY BUSHING 6' A.G.L.	K.B. 2229	
Drilling Measured From	KELLY BUSHING	D.F. 2227	
		G.L. 2223	
Date	02/01/19		
Run Number	TWO		
Depth Driller	4800		
Depth Logger	4799		
Bottom Logged Interval	4779		
Top Log Interval	2150		
Casing Driller	8 5/8" @ 1355		
Casing Logger	1355		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.3/64		
pH / Fluid Loss	8.5/11.6		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	1.9@60		
Rmt @ Meas. Temp	1.43@60		
Rmc @ Meas. Temp	2.28@60		
Source of Rmt / Rmc	MEASURED		
Rm @ BHT	.94@121		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	///		
Maximum Recorded Temperature	121F		
Equipment Number	1523		
Location	HAYS, KANSAS		
Recorded By	GUS PFANENSTIEL		
Witnessed By	ROD ANDERSON		

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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, KS. (785) 628-6395

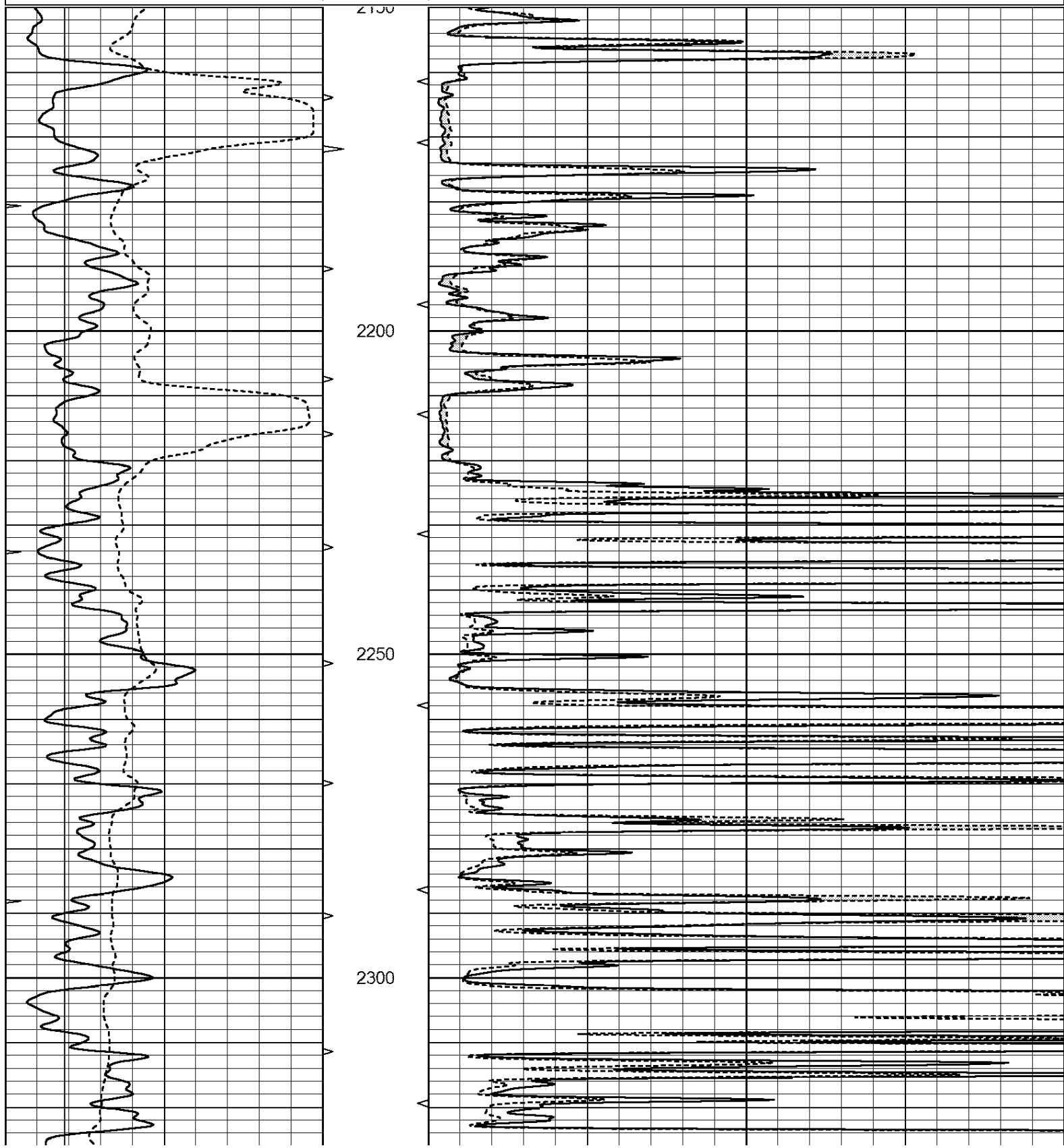
DIRECTIONS
BURDETT EAST TO 340 SOUTH TO N RD.
EAST INTO.

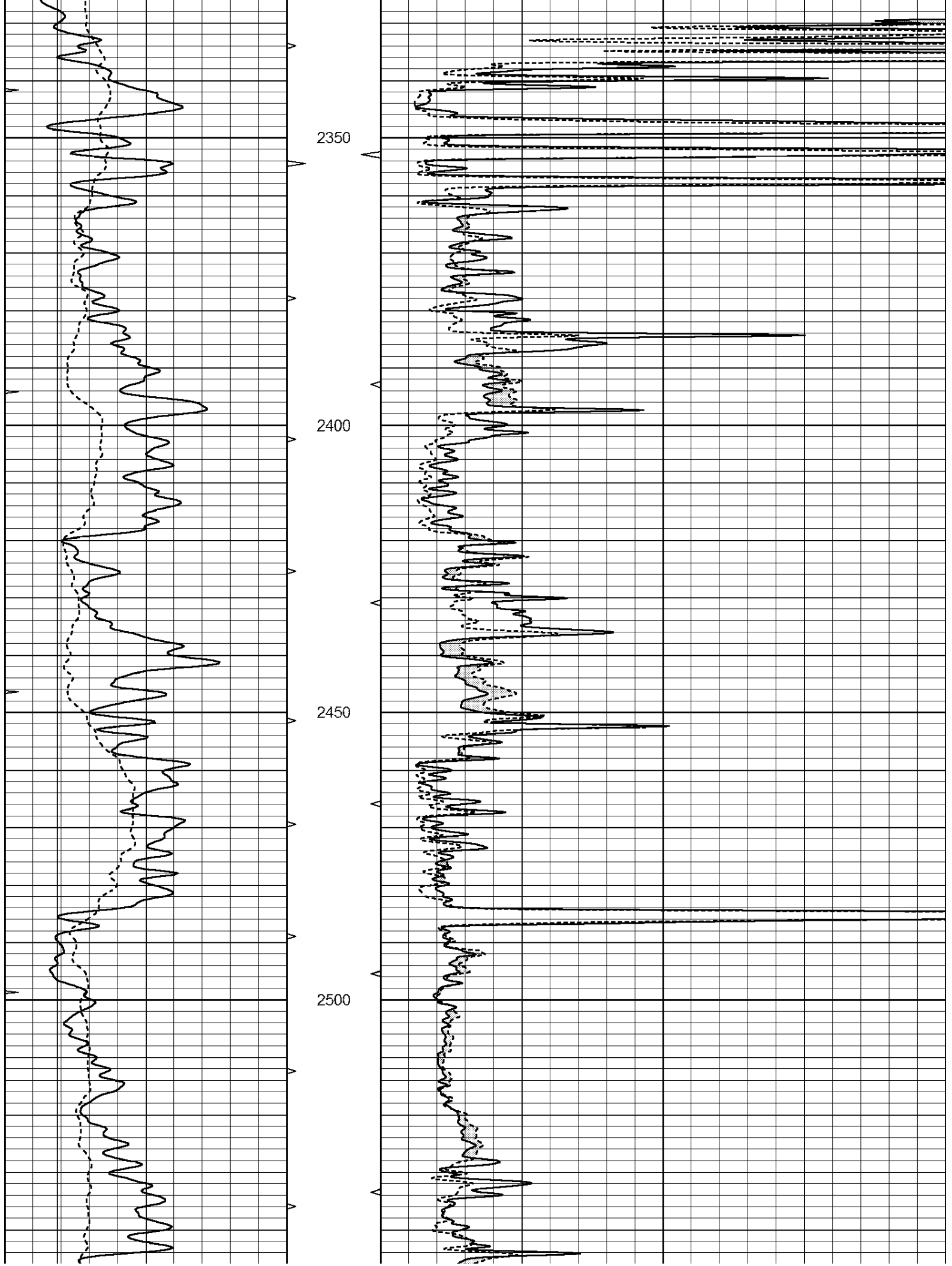


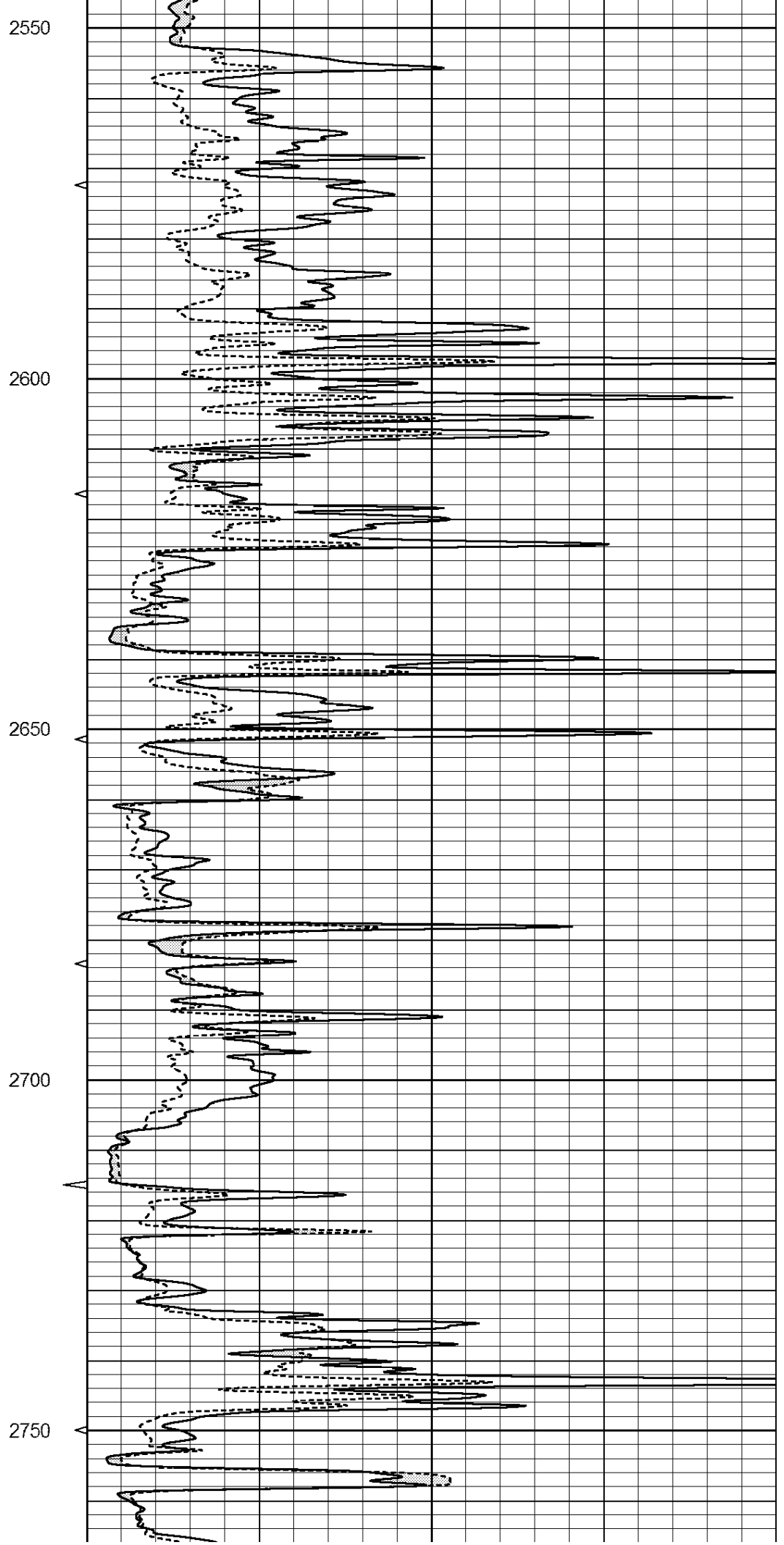
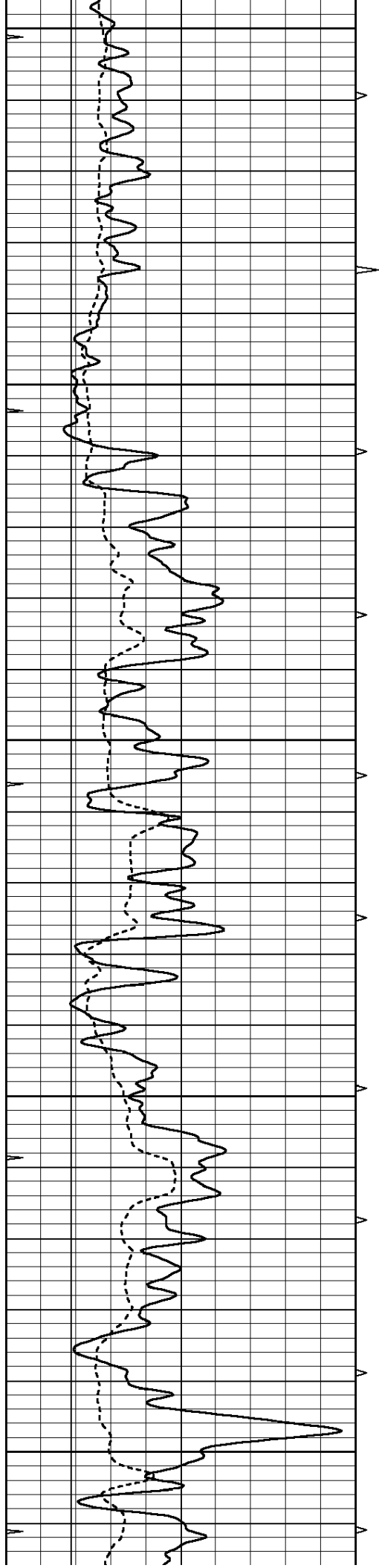
MAIN PASS

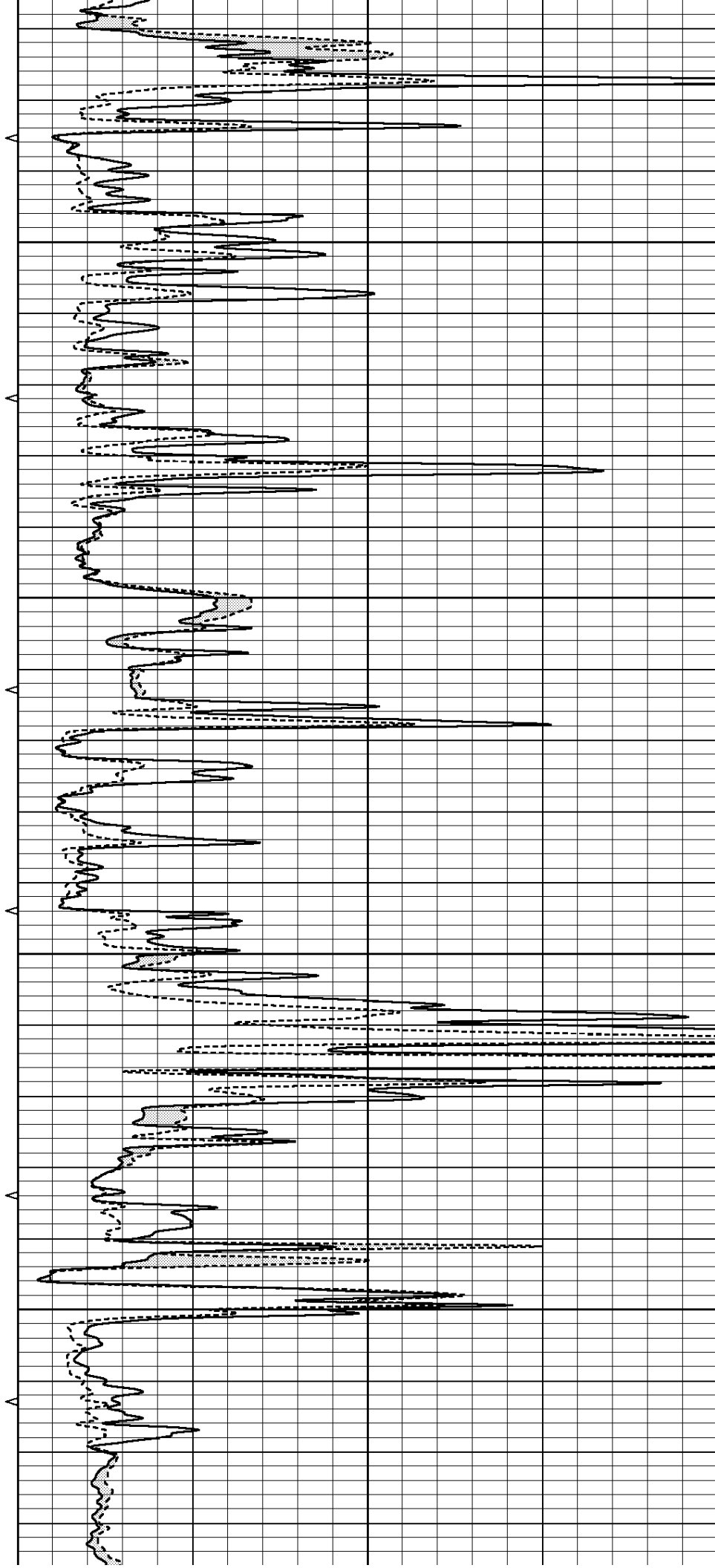
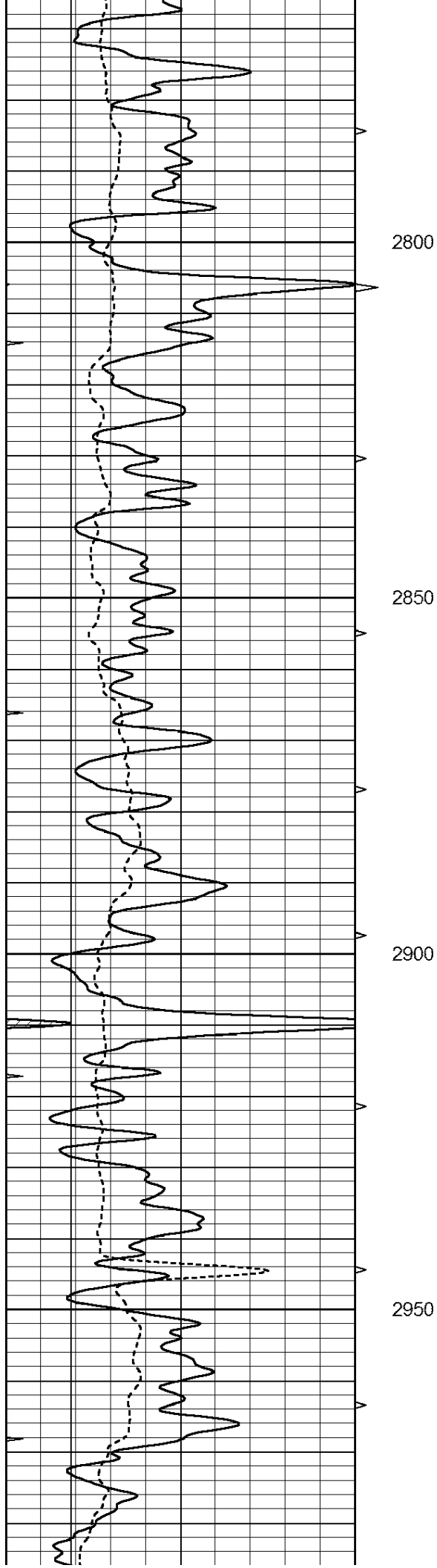
Database File: 3479ddn.db
 Dataset Pathname: pass5MIC
 Presentation Format: _micro
 Dataset Creation: Fri Feb 01 07:28:45 2019 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

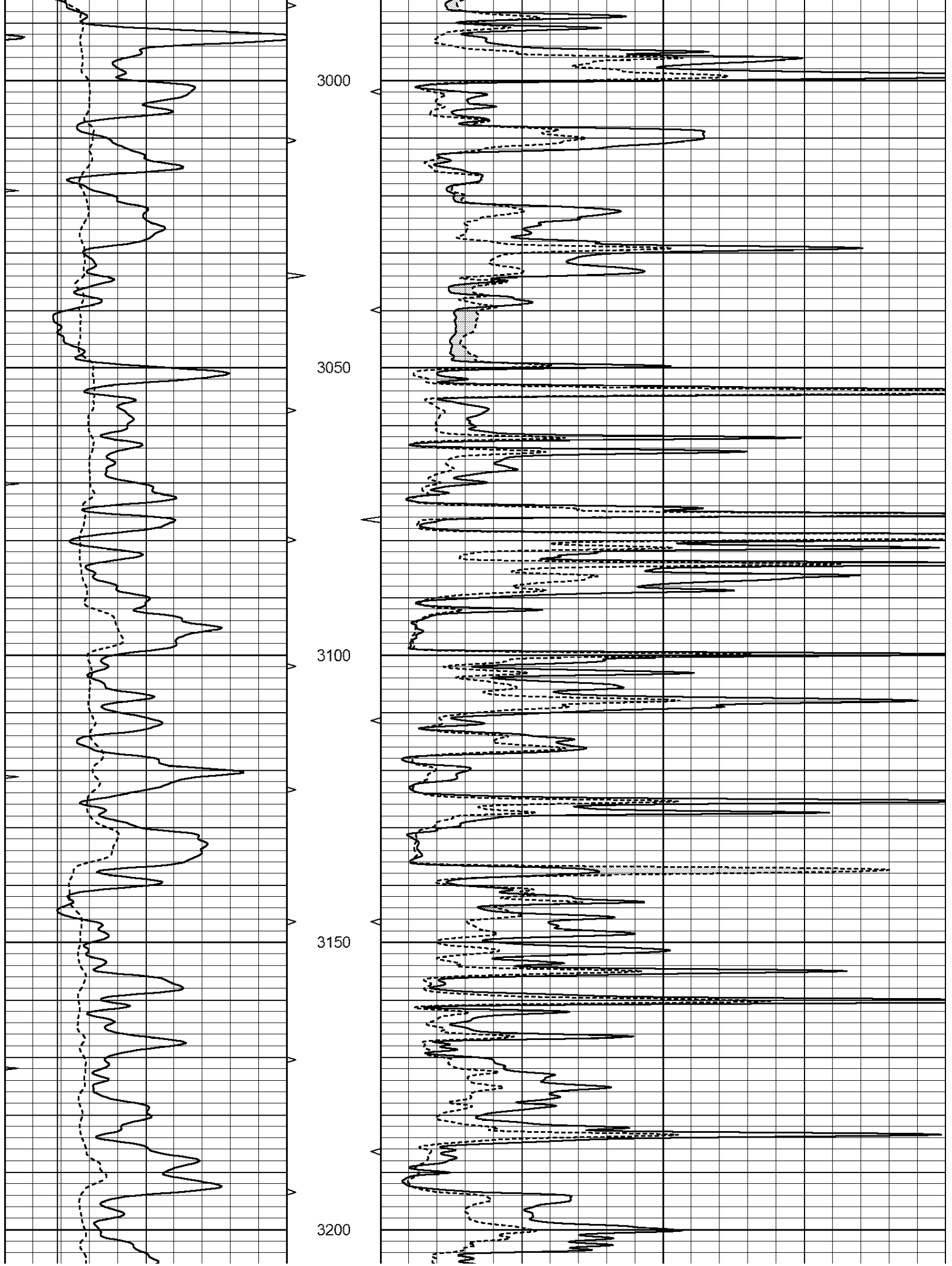
0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16	10 (ft3)	0	MEL2.0 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		

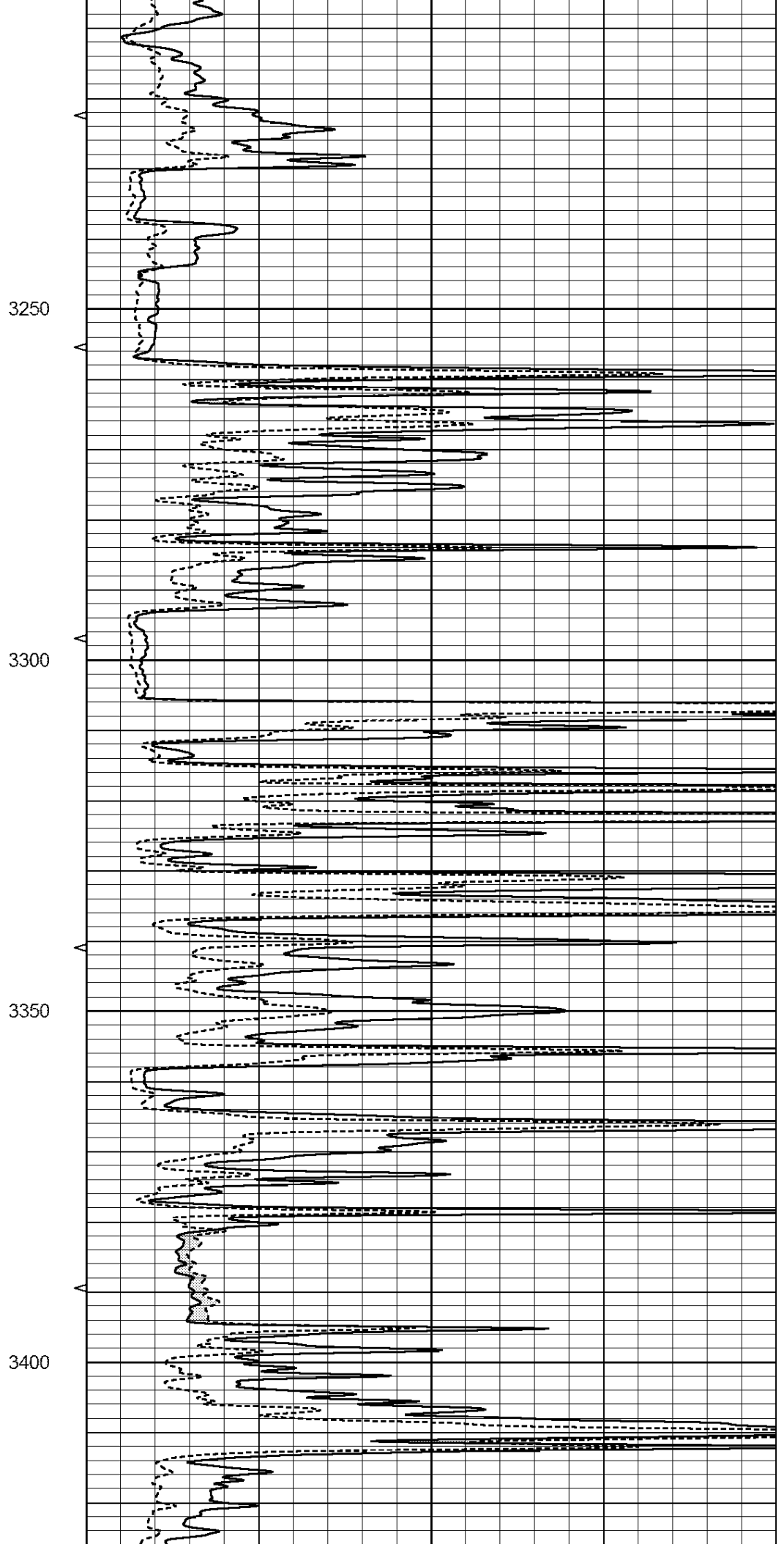
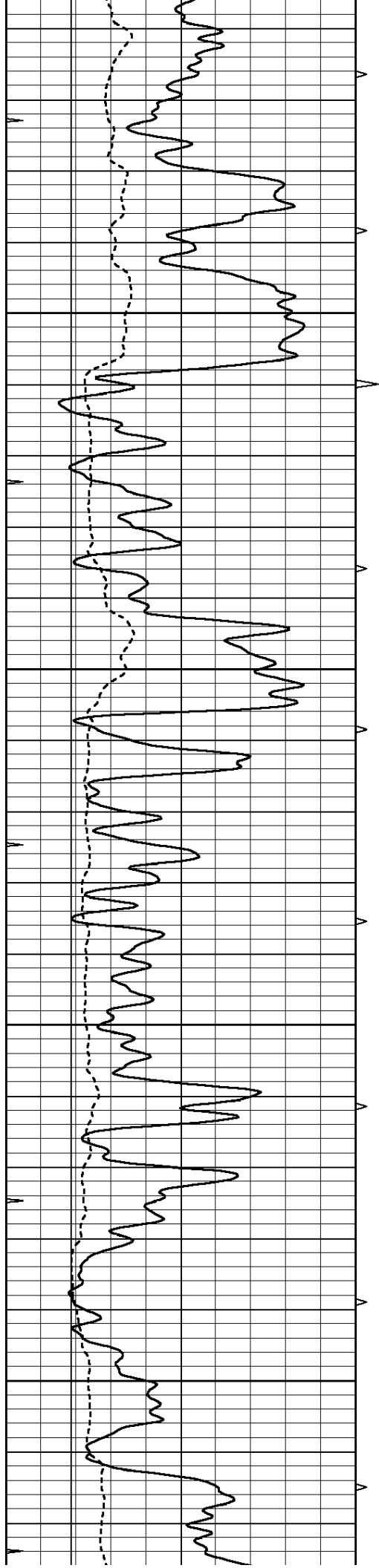


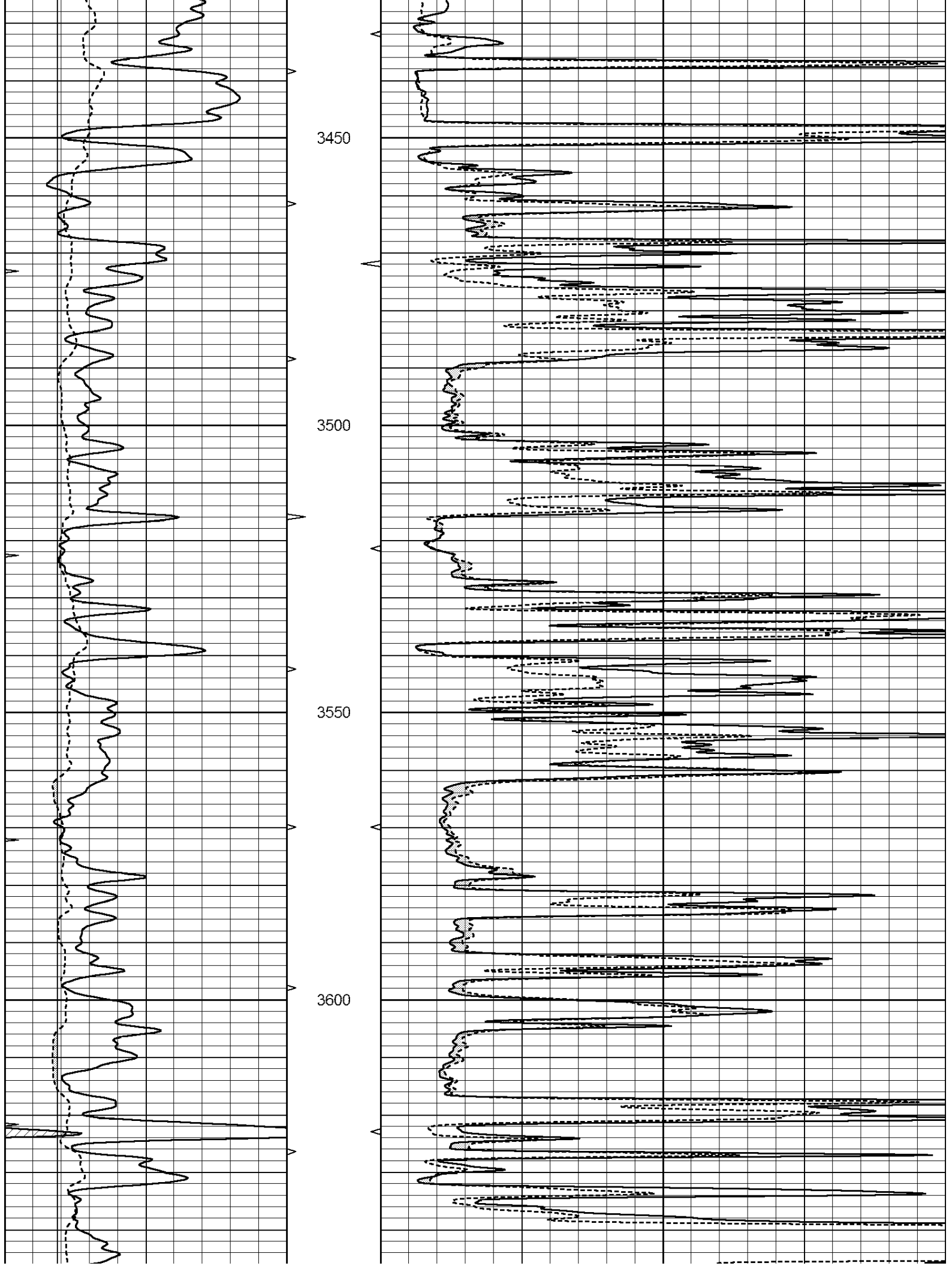


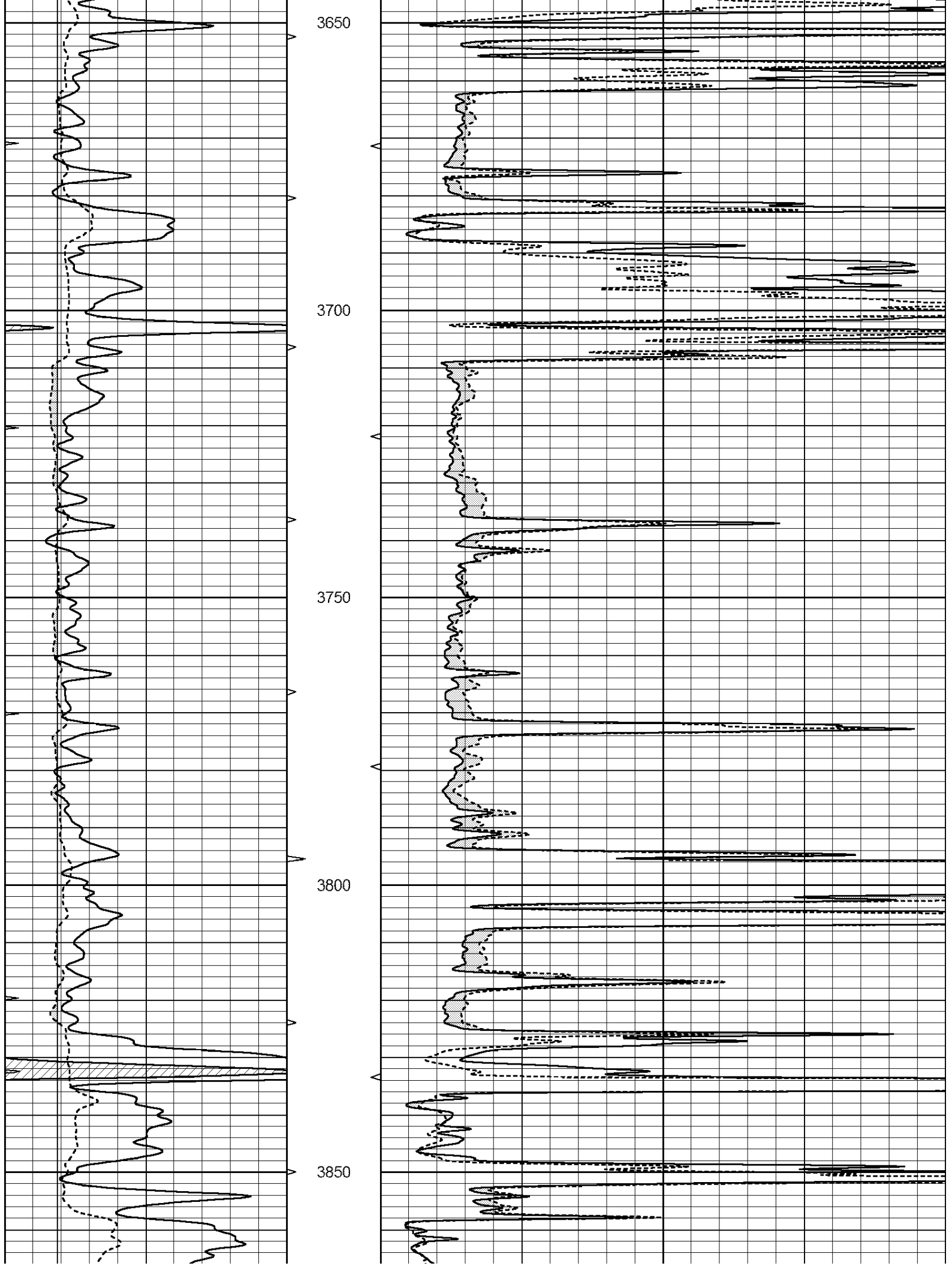


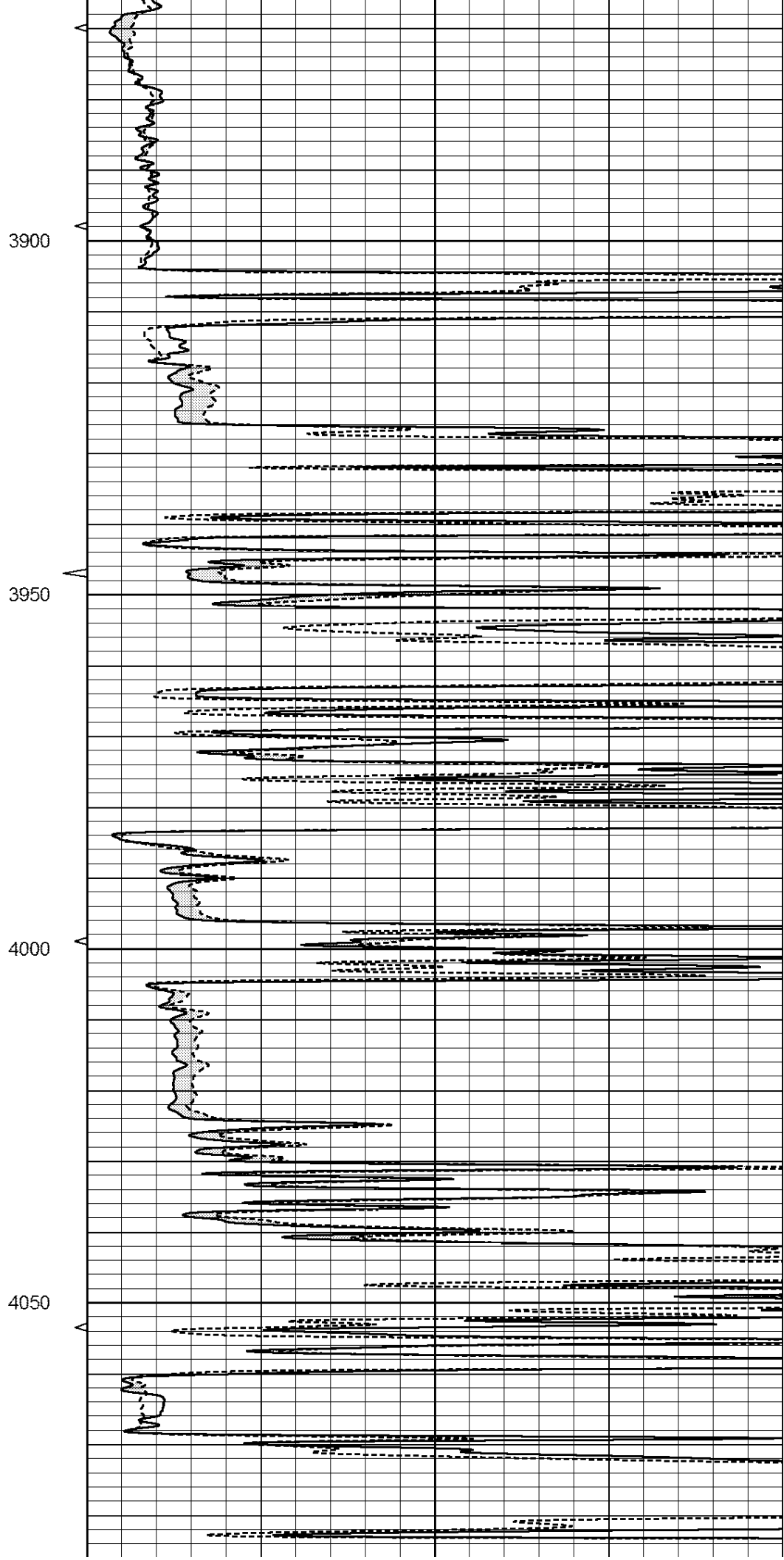
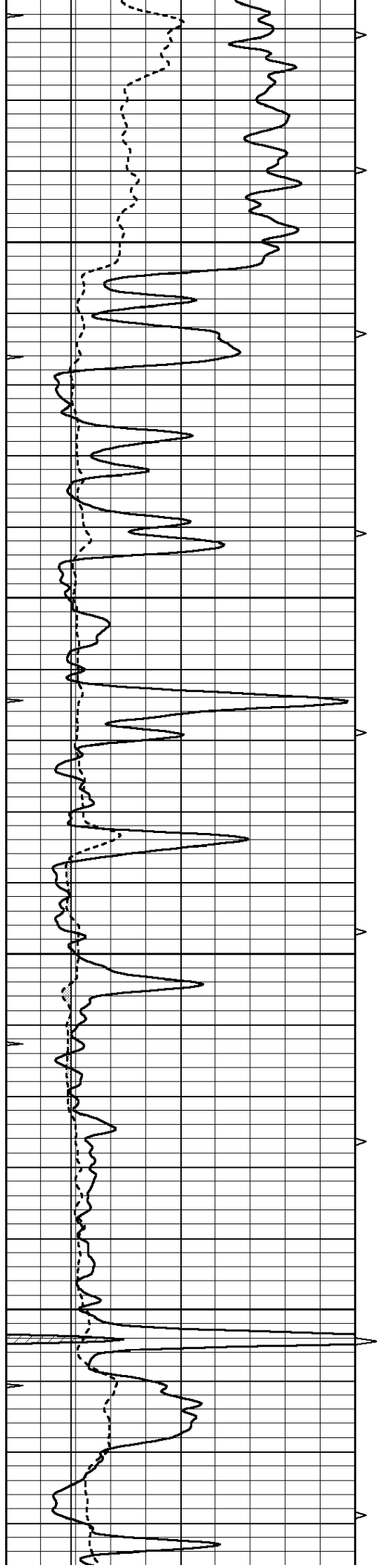


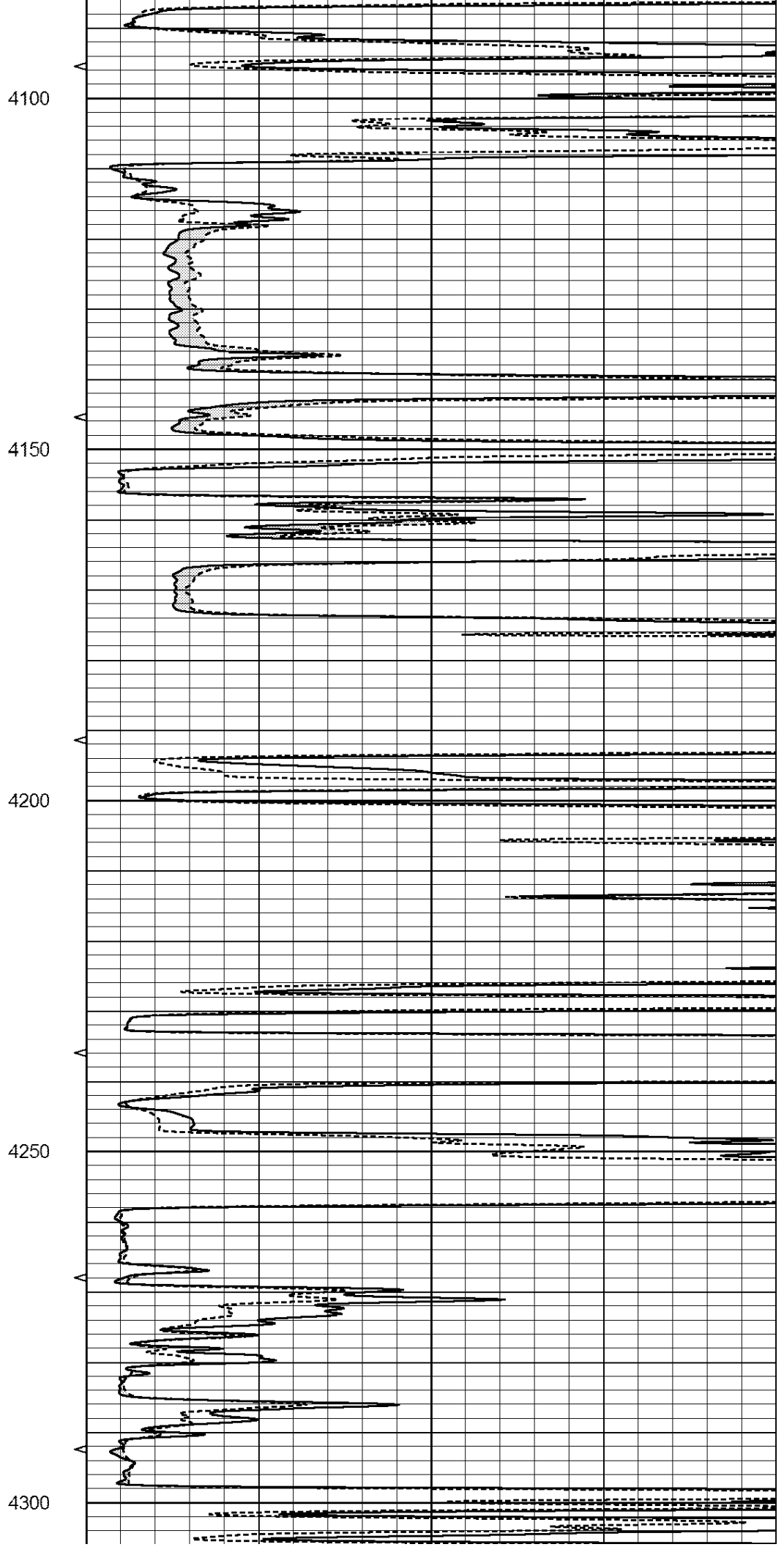
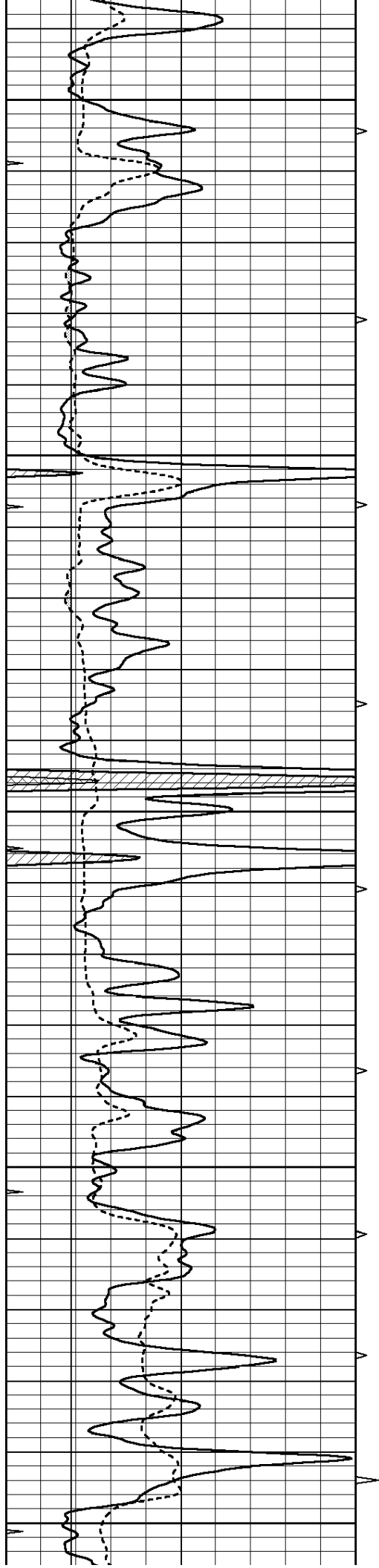


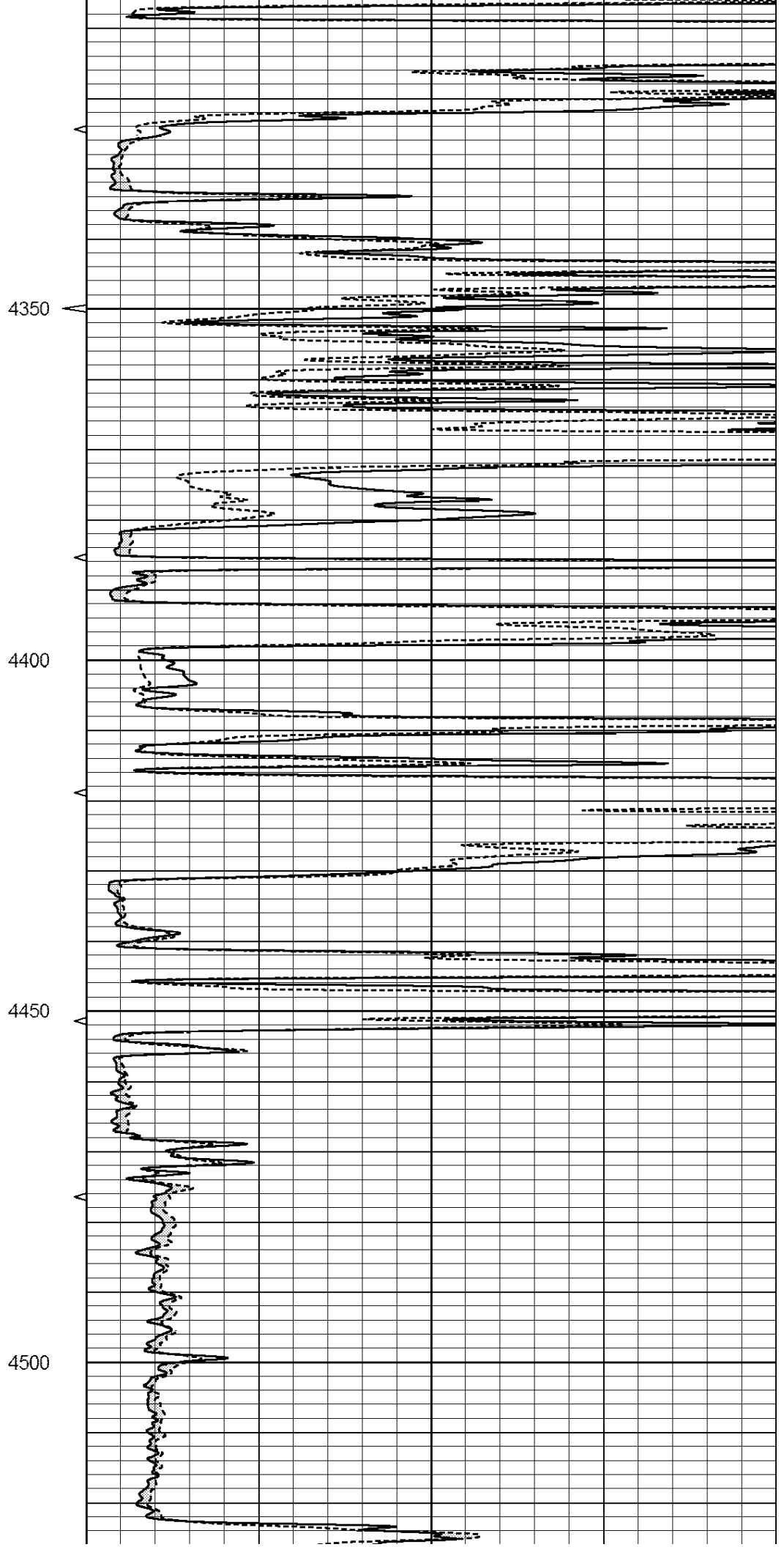
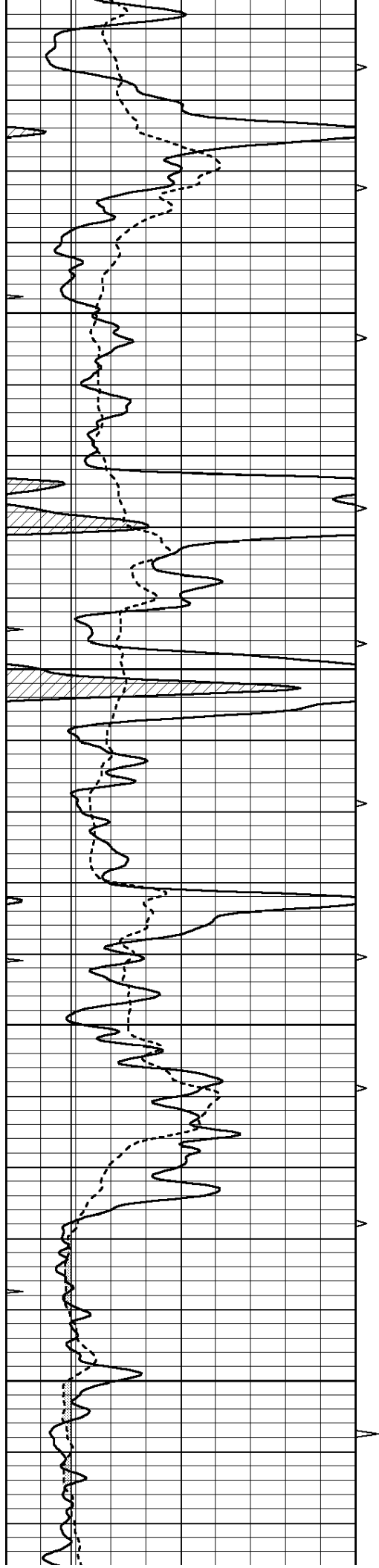


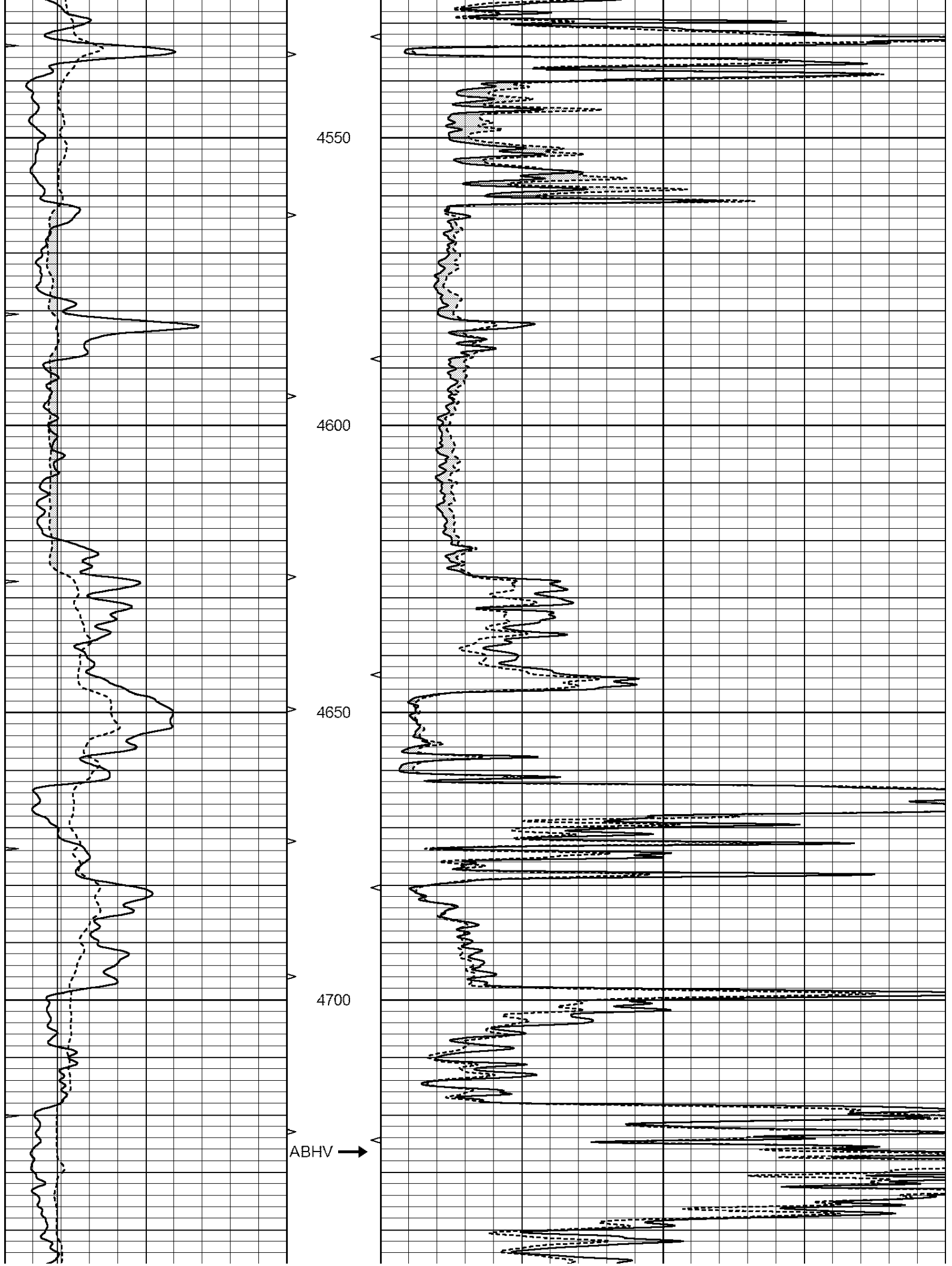


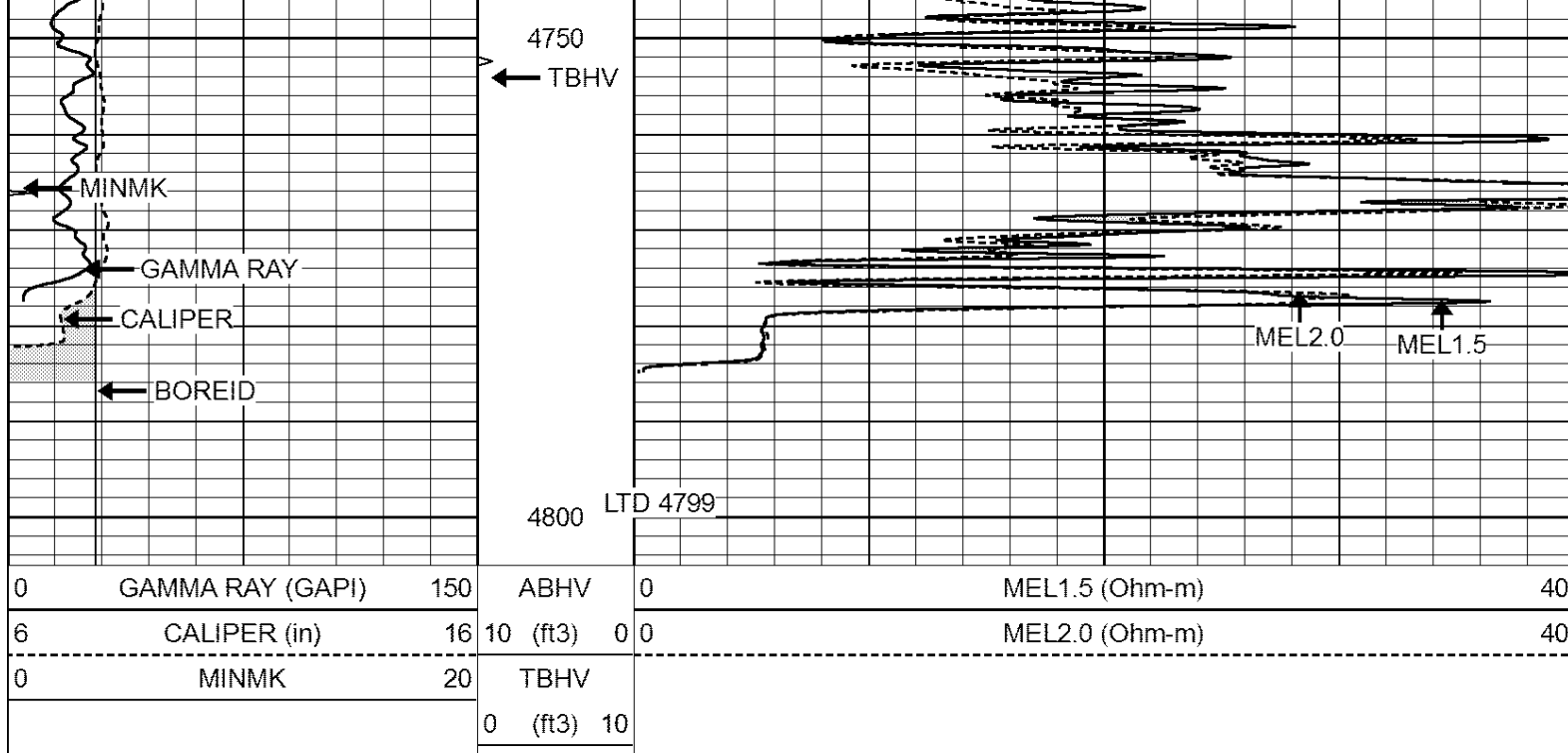








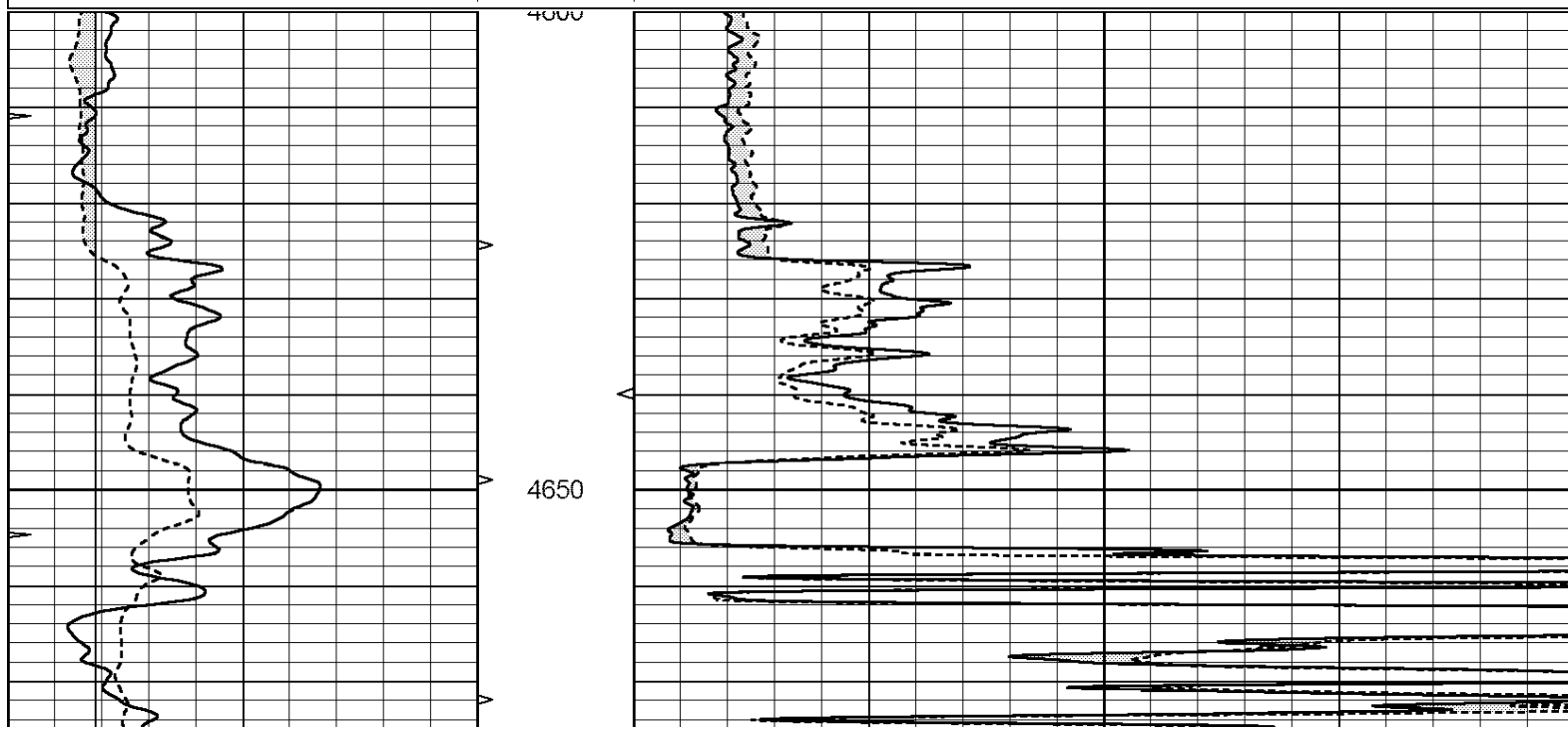


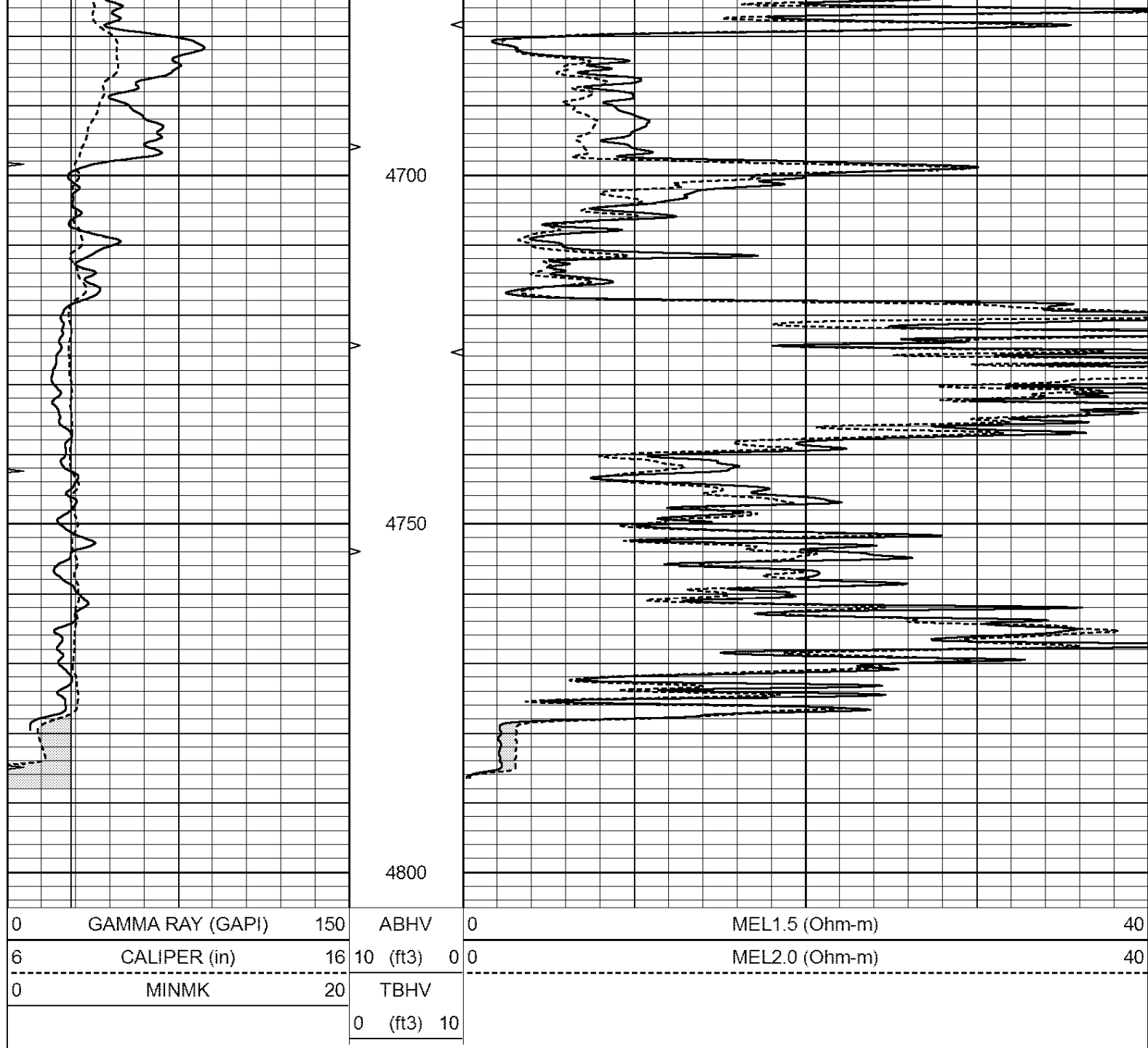


REPEAT SECTION

Database File: 3479ddn.db
 Dataset Pathname: pass4
 Presentation Format: _micro
 Dataset Creation: Fri Feb 01 06:20:28 2019 by Log 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:	3479ddn.db		
Dataset Pathname:	pass4		
Dataset Creation:	Fri Feb 01 06:20:28 2019 by Log Open-Cased 090629		
MICRO Calibration Report			
Serial Number:	MICRO3		
Tool Model:	PROBE		
Performed:	Sat Jan 05 10:53:05 2019		
Caliper Calibration:	Gain=5.761	Offset=-22.902	
References	Low Cal	High Cal	
Readings	7.000	14.000	
	5.339	6.500	
1.5" Calibration:	Gain=120.000	Offset=0.400	
	Low Cal	High Cal	

References	0.000	20.000
Readings	0.004	0.228
2" Calibration:	Gain=110.553	Offset=0.220
	Low Cal	High Cal
References	0.000	20.000
Readings	0.005	0.175
Gamma Ray Calibration Report		
Serial Number:	GR5	
Tool Model:	OPEN	
Performed:	Tue Jan 01 05:52:14 2019	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.5800	GAPI/cps