



MICRO LOG

Company	HAYES OIL & GAS, LLC.	
Well	HUCK #2-5	
Field	COLDWATER TOWNSITE NORTHEAST F	
County	COMANCHE	
State	KANSAS	
Location:	API # : 15-033-21797-0000	Other Services CDL/CNL/PE DIL/SON
Permanent Datum	1980' FNL & 1512' FEL E2 - E2 - SW - NE	
Log Measured From	SEC 5 TWP 32S RGE 18W	Elevation K.B. 2180 D.F. 2178 G.L. 2168
Drilling Measured From	GROUND LEVEL Elevation 2168 KELLY BUSHING 12' A.G.L. KELLY BUSHING	
Date	4/22/23	
Run Number	TWO	
Depth Driller	6050	
Depth Logger	6051	
Bottom Logged Interval	6035	
Top Log Interval	3400	
Casing Driller	8 5/8" @ 813	
Casing Logger	813	
Bit Size	7 7/8	
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 8,600 PPM
Density / Viscosity	9.2/63	28# LCM
pH / Fluid Loss	9.5/10.0	
Source of Sample	FLOWLINE	
Rm @ Meas. Temp	1.10 @ 65F	
Rmf @ Meas. Temp	.825 @ 65F	
Rmc @ Meas. Temp	1.32 @ 65F	
Source of Rmf / Rmc	MEASUREMENT	
Rm @ BHT	.534 @ 134F	
Time Circulation Stopped	4 HOURS	
Time Logger on Bottom	7:30 P.M.	
Maximum Recorded Temperature	134F	
Equipment Number	3802	
Location	HAYS, KANSAS	
Recorded By	COLE ROBBEN	
Witnessed By	ED GRIEVES	TIM HEDRICK SHAYNE HAYES

<<< Fold Here >>>

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 SERVICES, HAYS, KS. (785) 628-6395

DIRECTIONS:

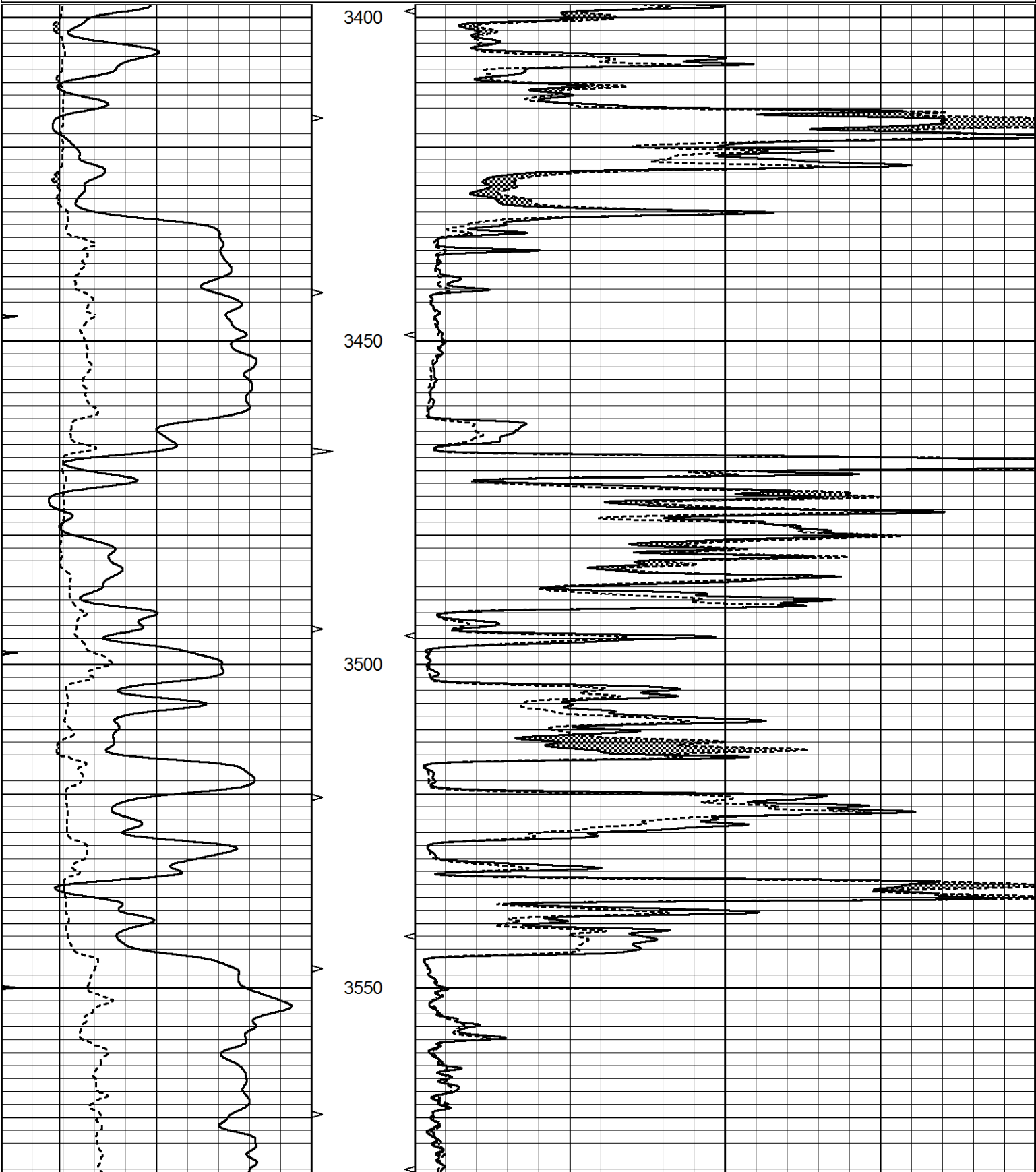
FROM HIGHWAY 183/160 JUNCTION NORTH OF COLDWATER, GO EAST ON HIGHWAY 160 FOR 2 M
NORTH ON ROAD 15 FOR A MILE, WEST INTO NORTH OF RED SHED

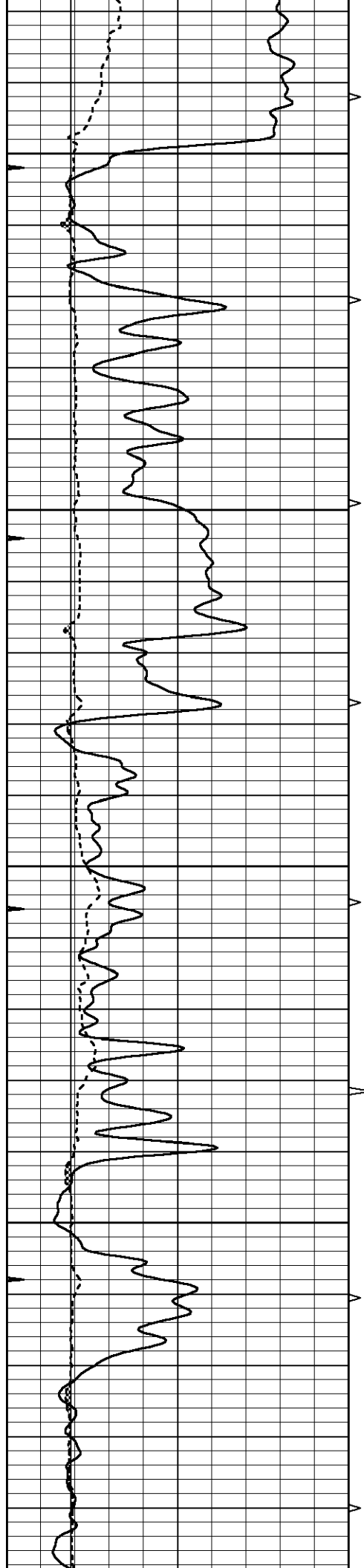


MAIN SECTION

Database File	7673pe.db
Dataset Pathname	pass6D
Presentation Format	_micro
Dataset Creation	Sat Apr 22 21:39:09 2023
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		



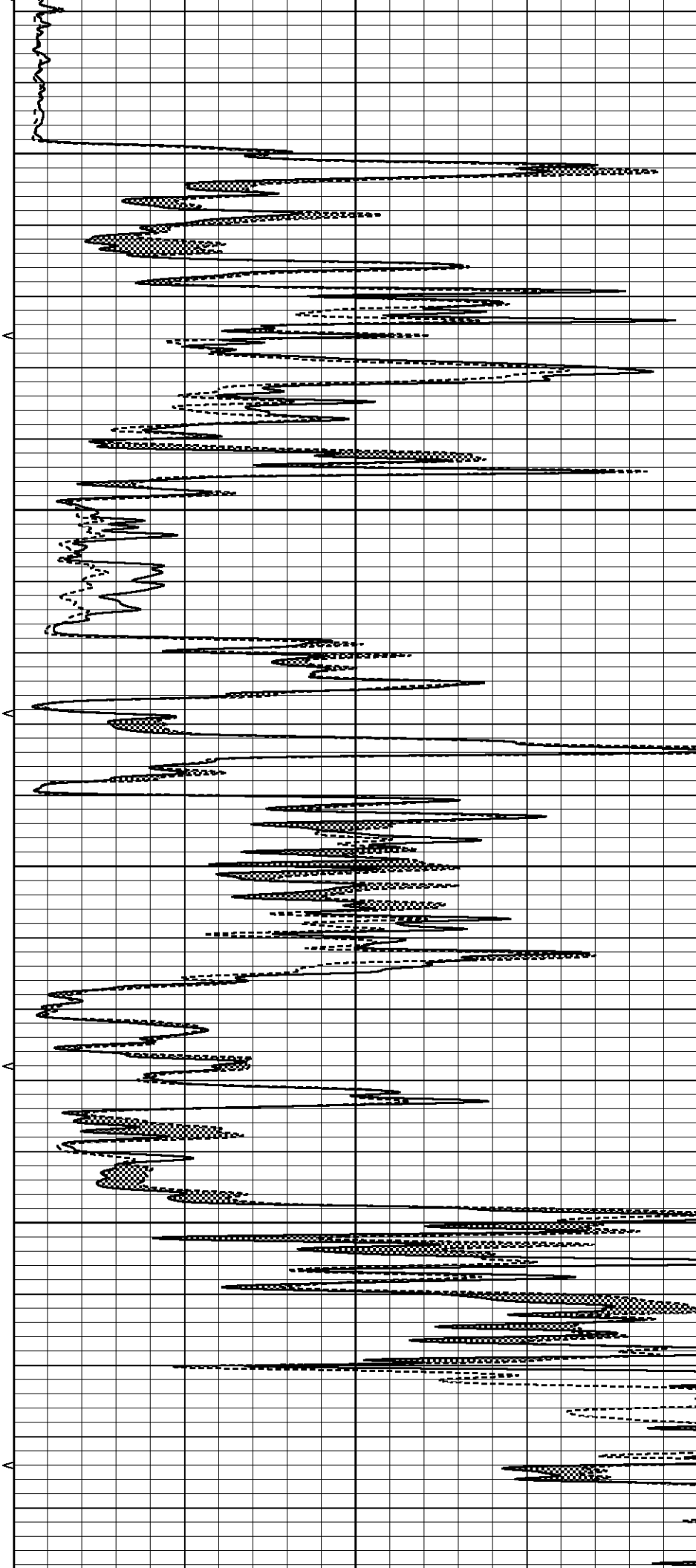


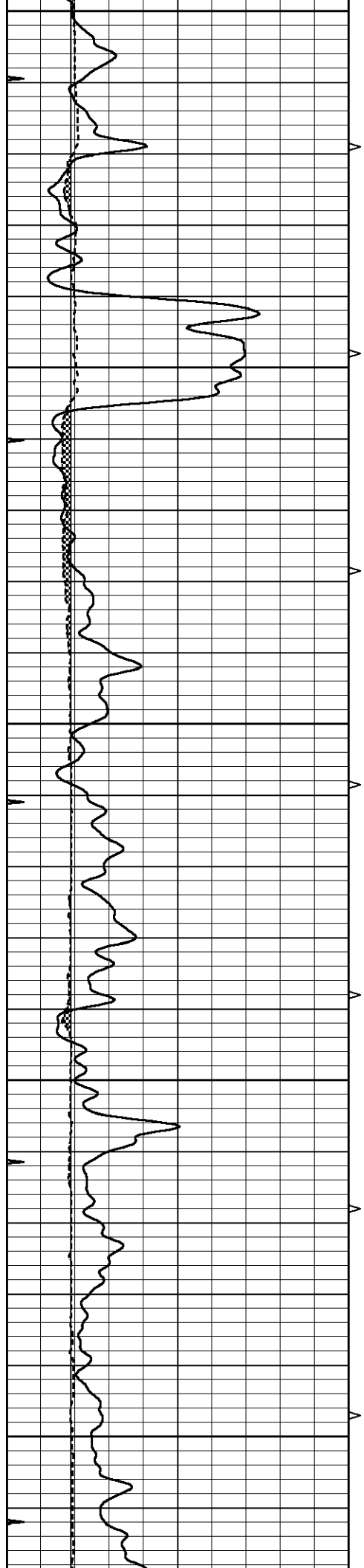
3600

3650

3700

3750





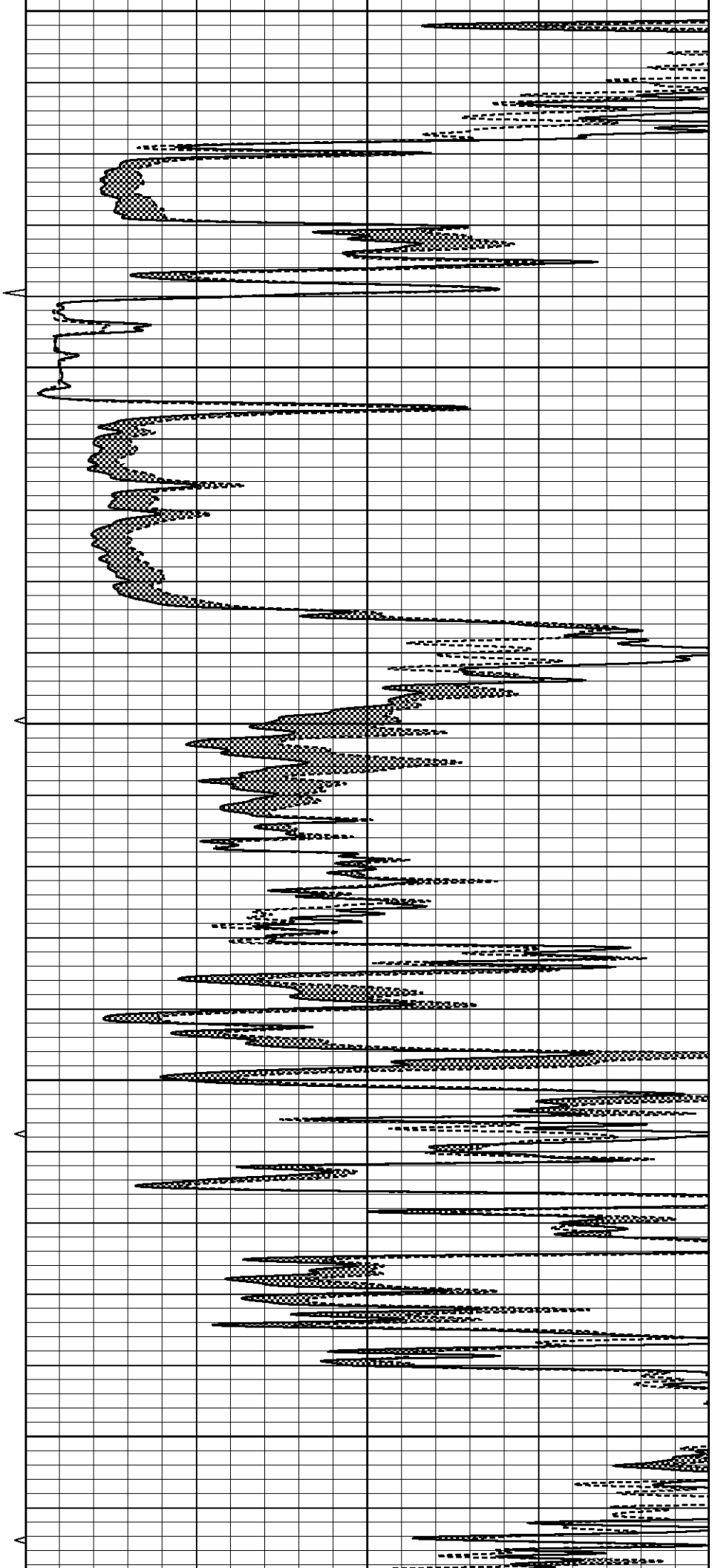
3800

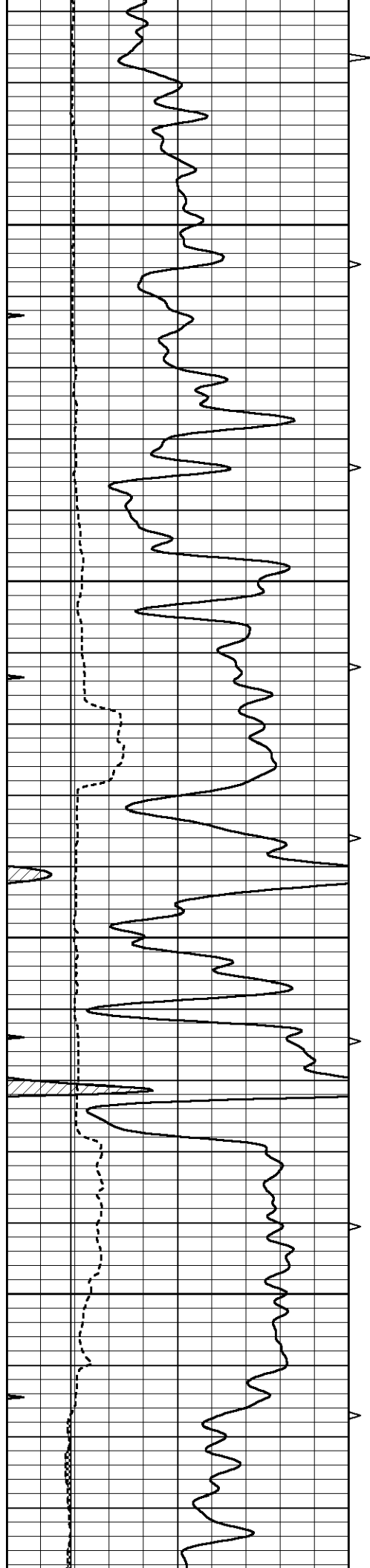
3850

3900

3950

4000



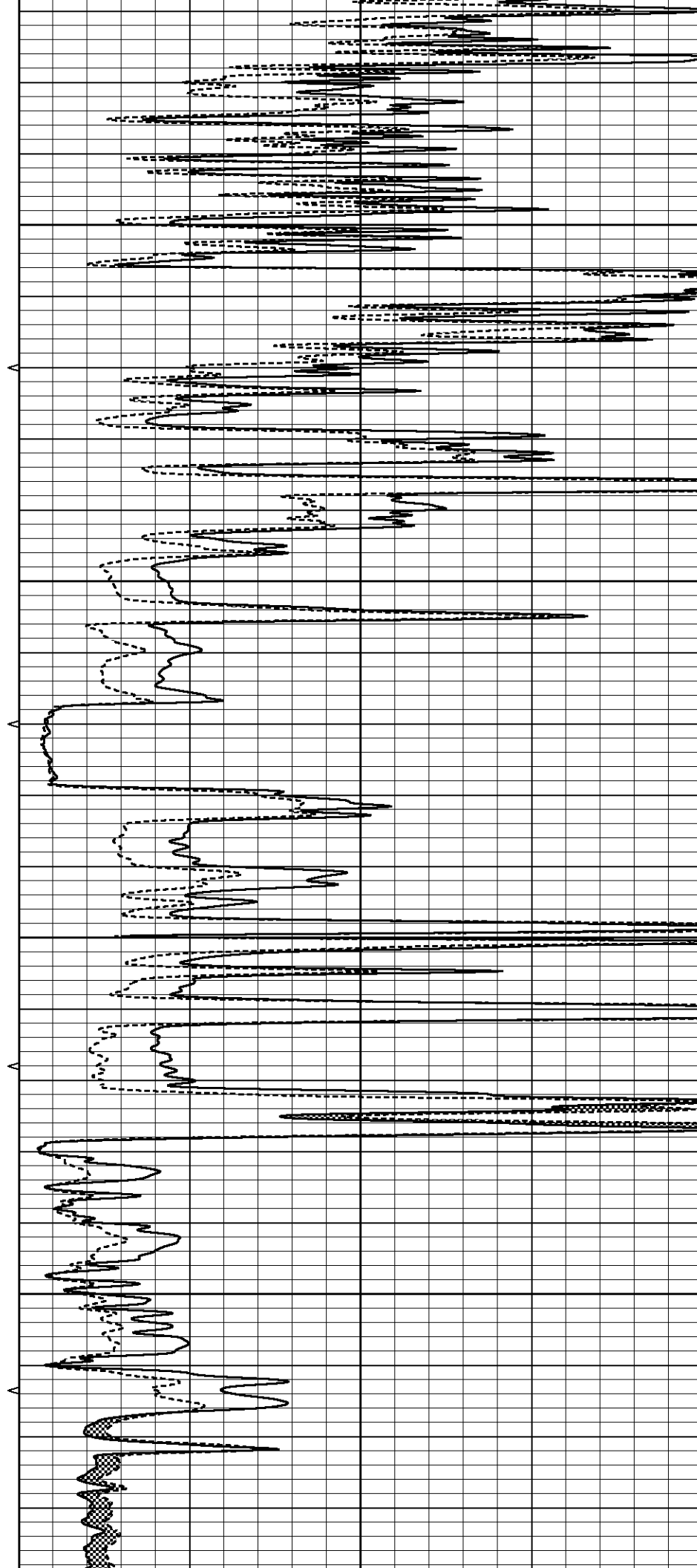


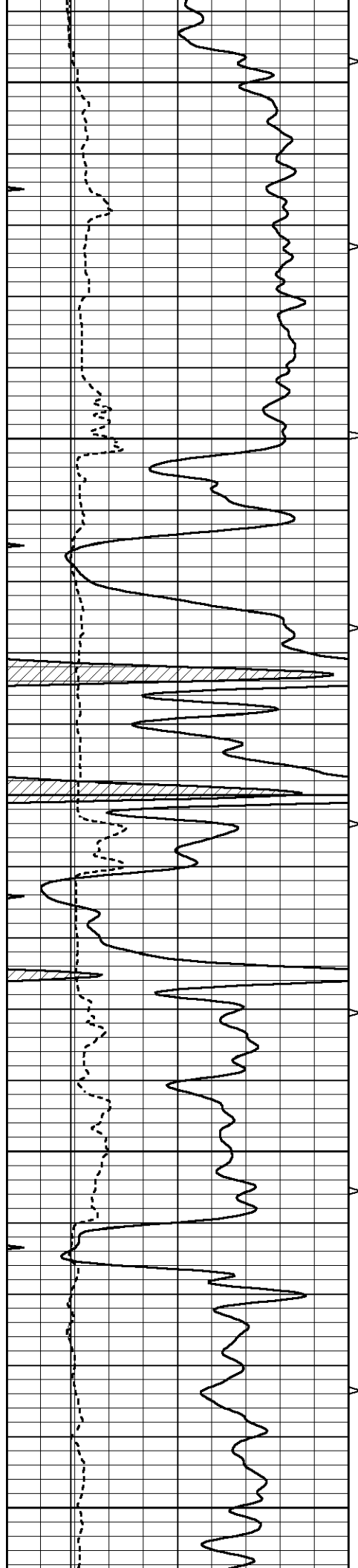
4050

4100

4150

4200





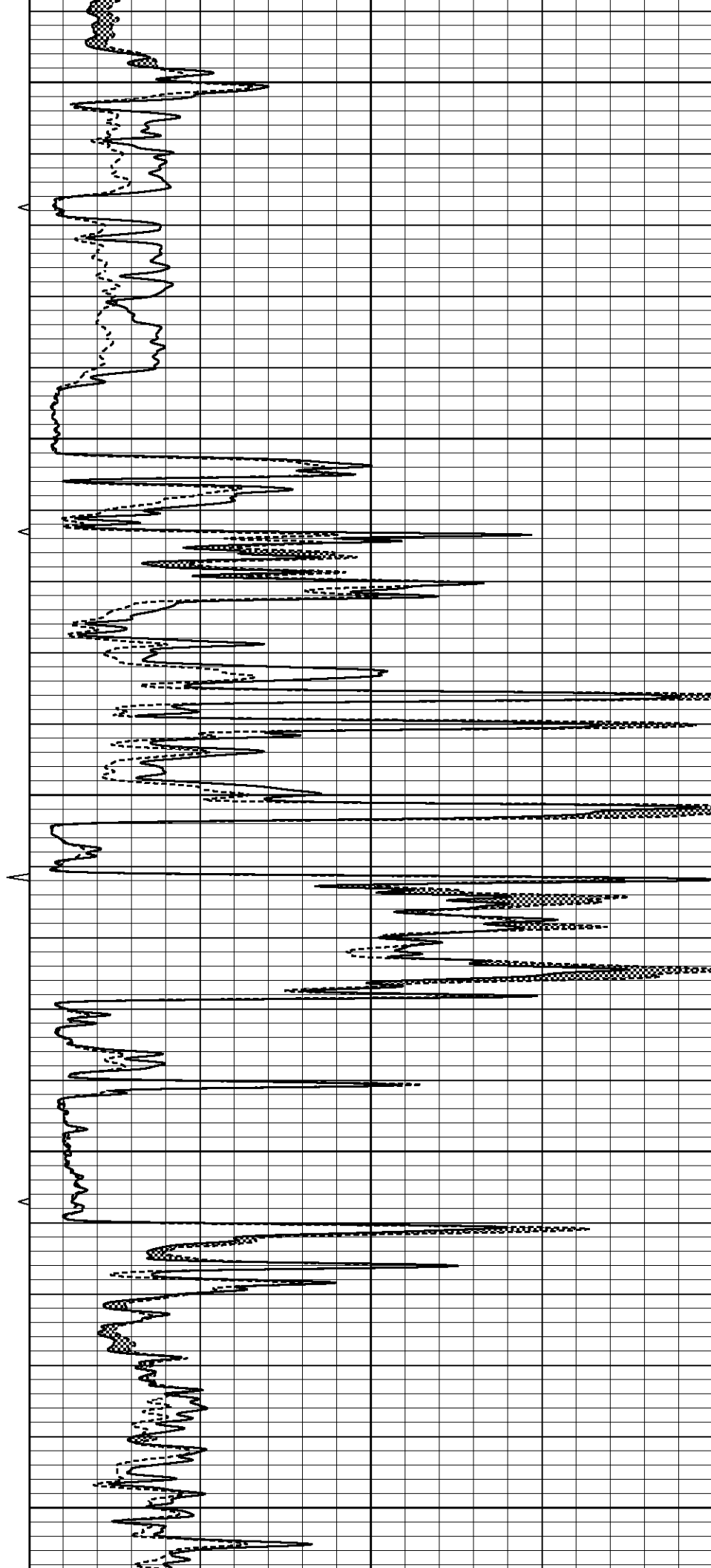
4250

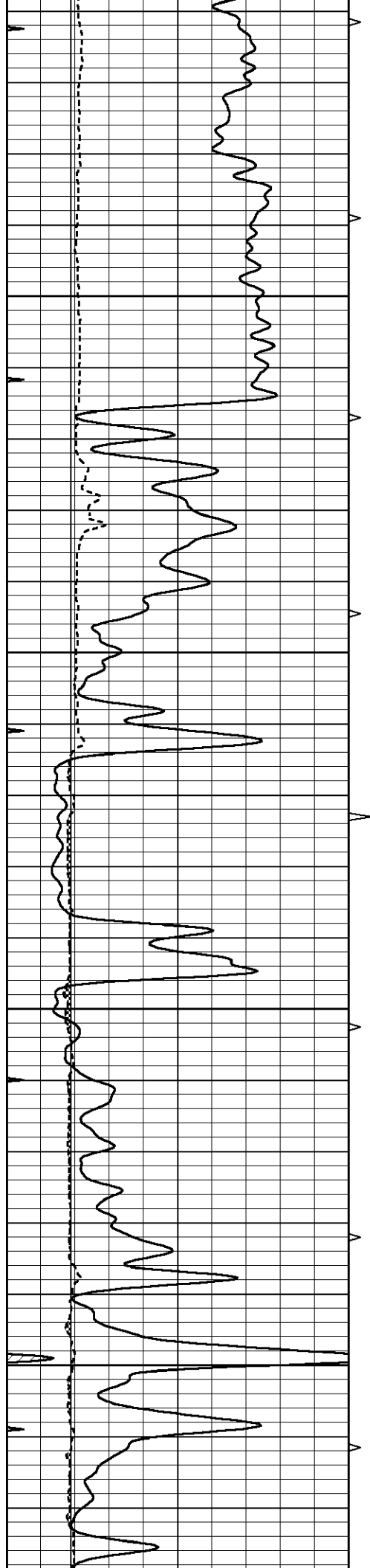
4300

4350

4400

4450



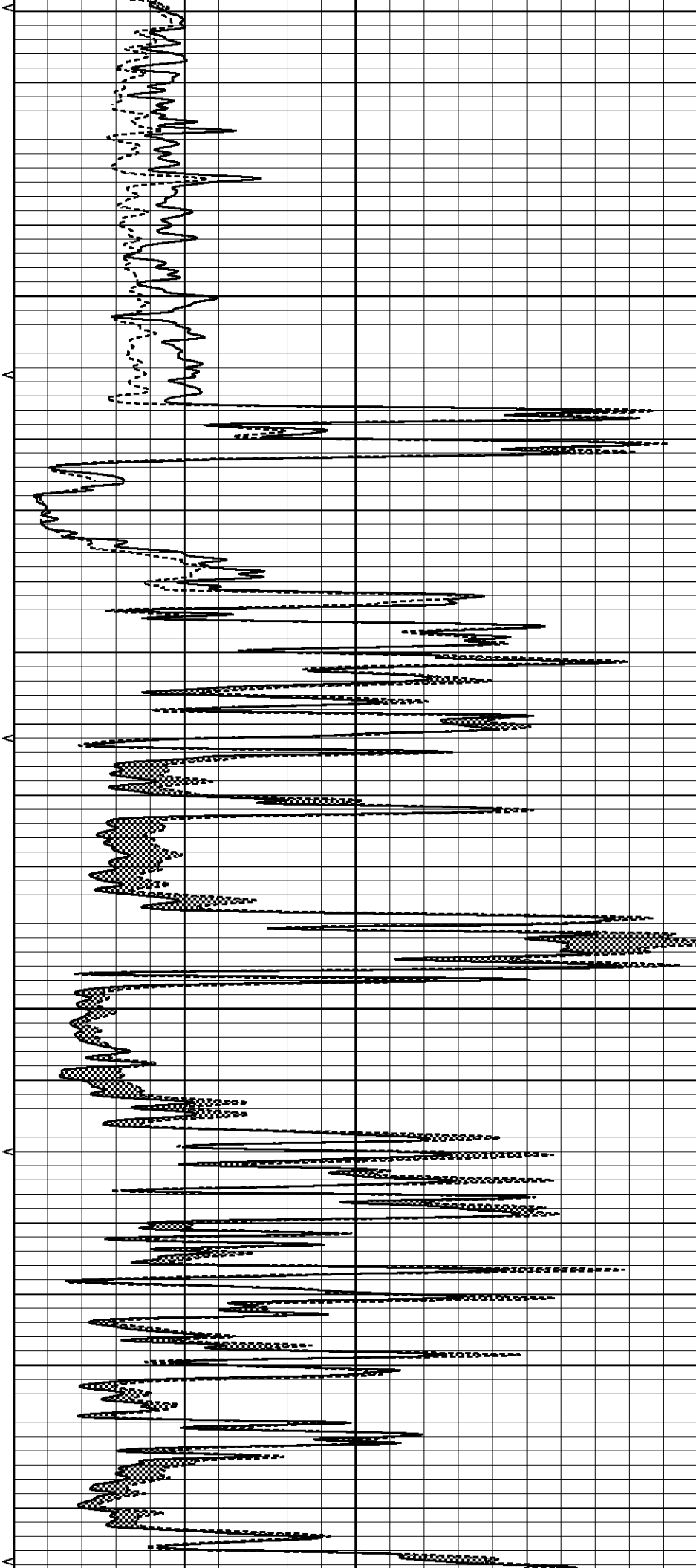


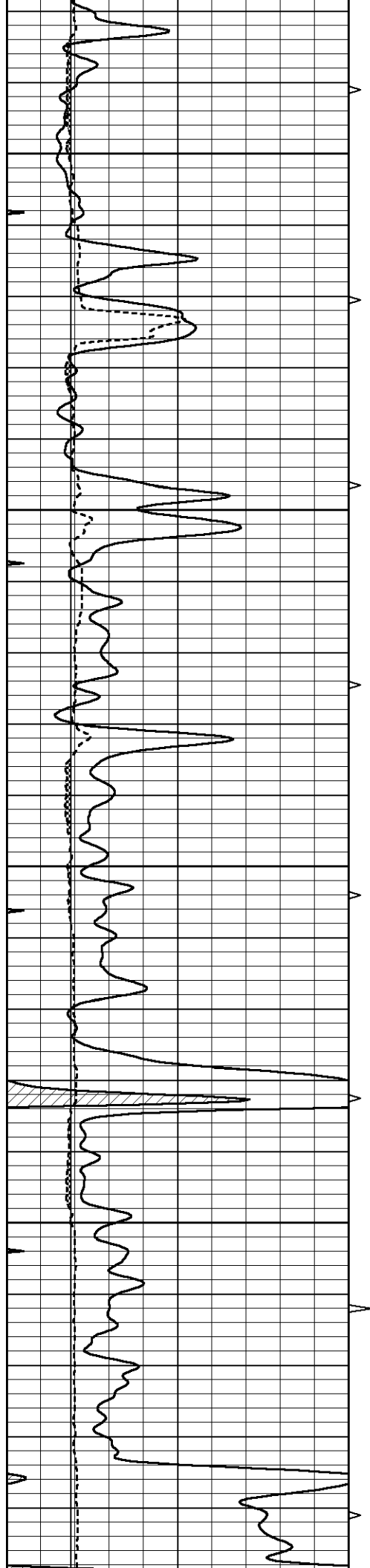
4500

4550

4600

4650



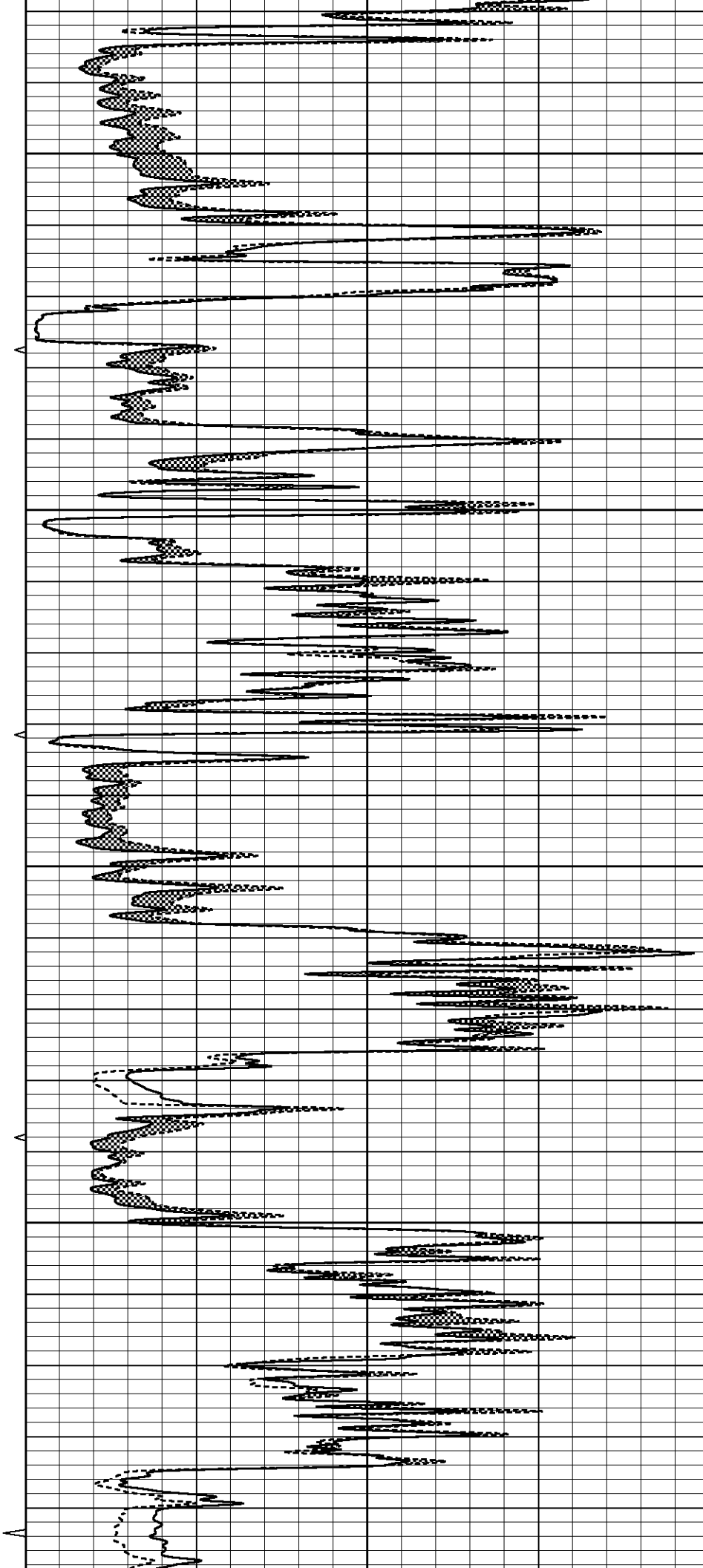


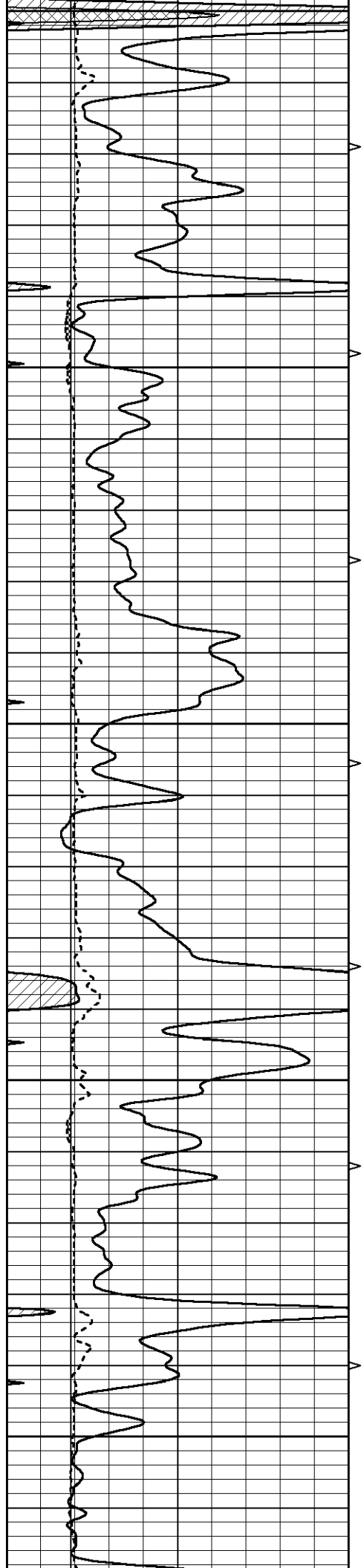
4700

4750

4800

4850





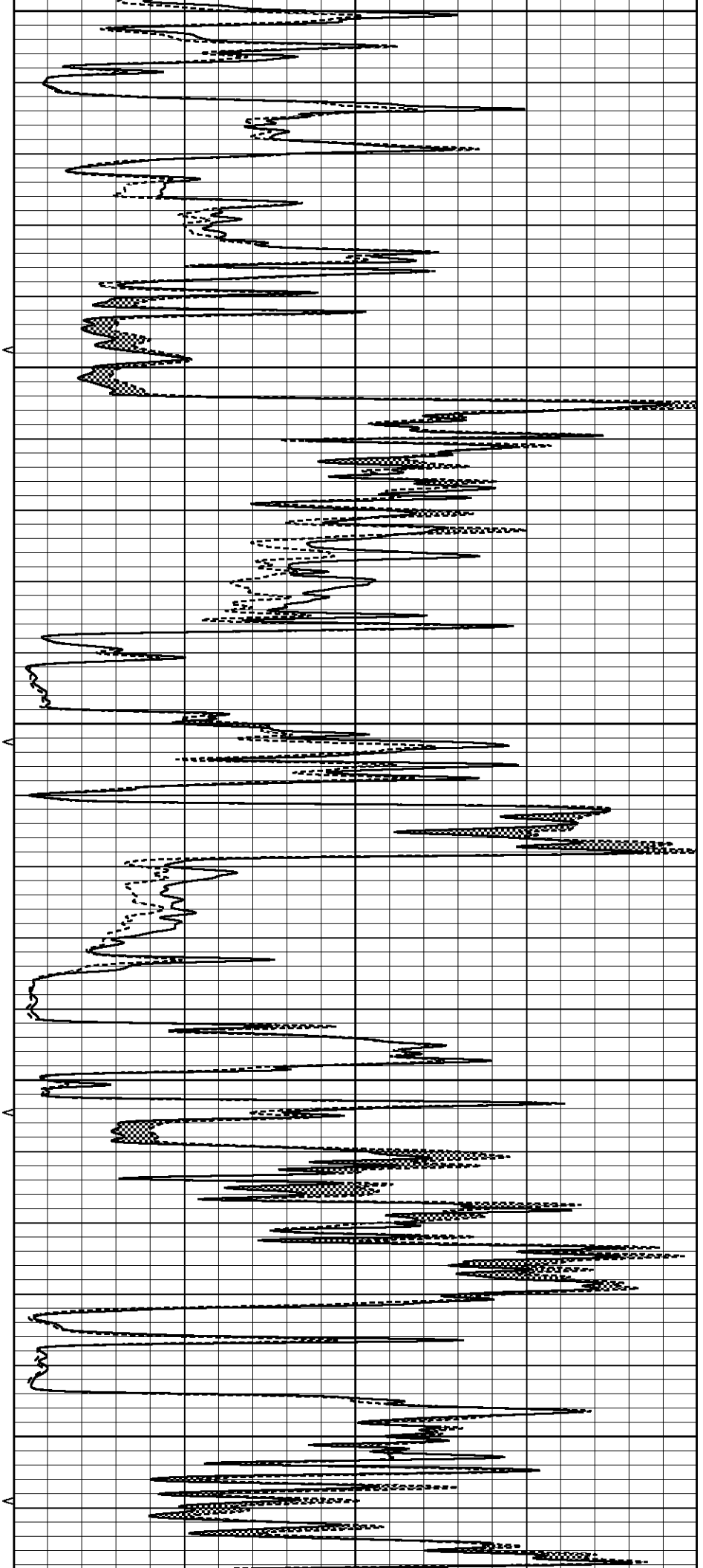
4900

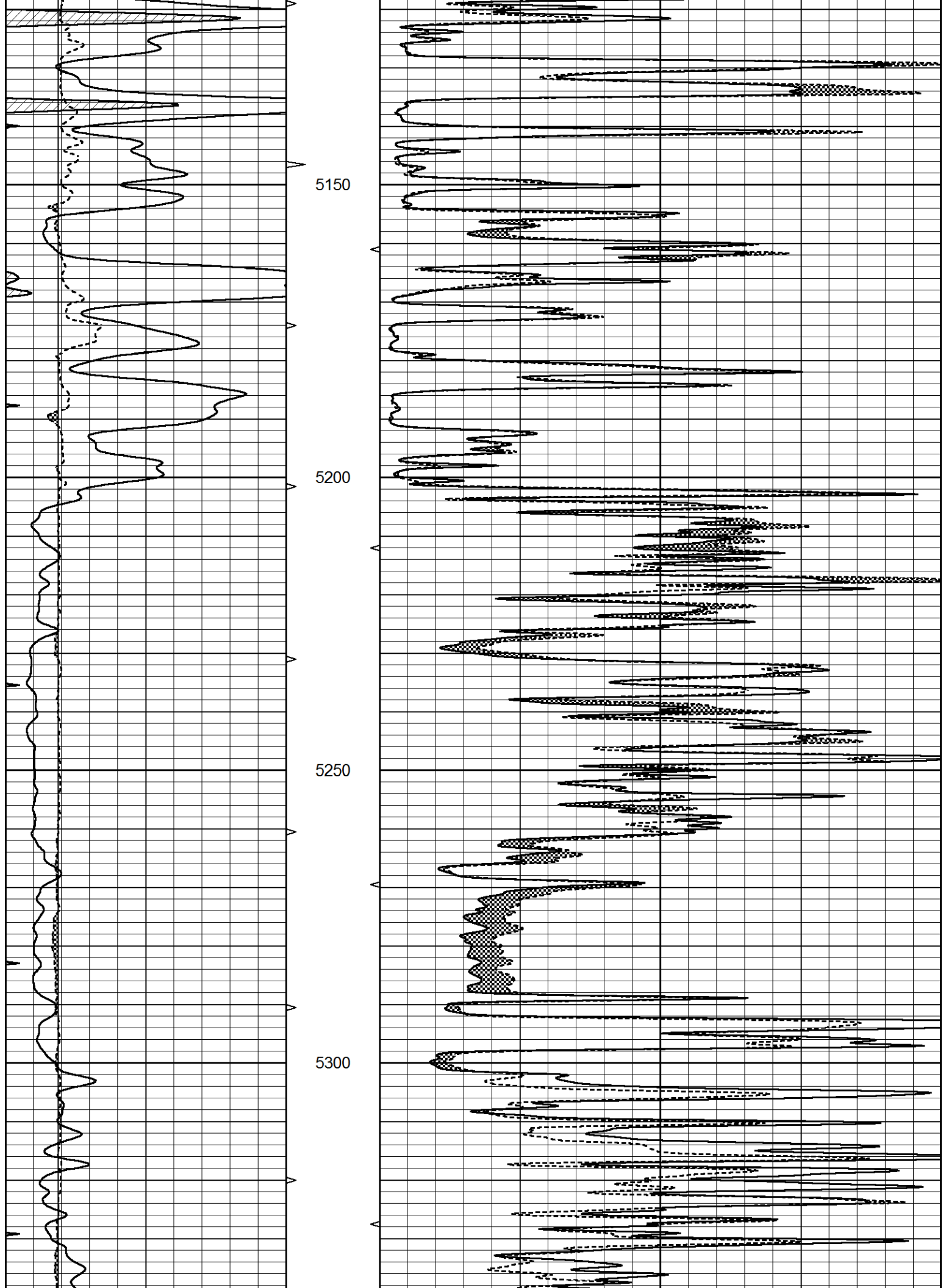
4950

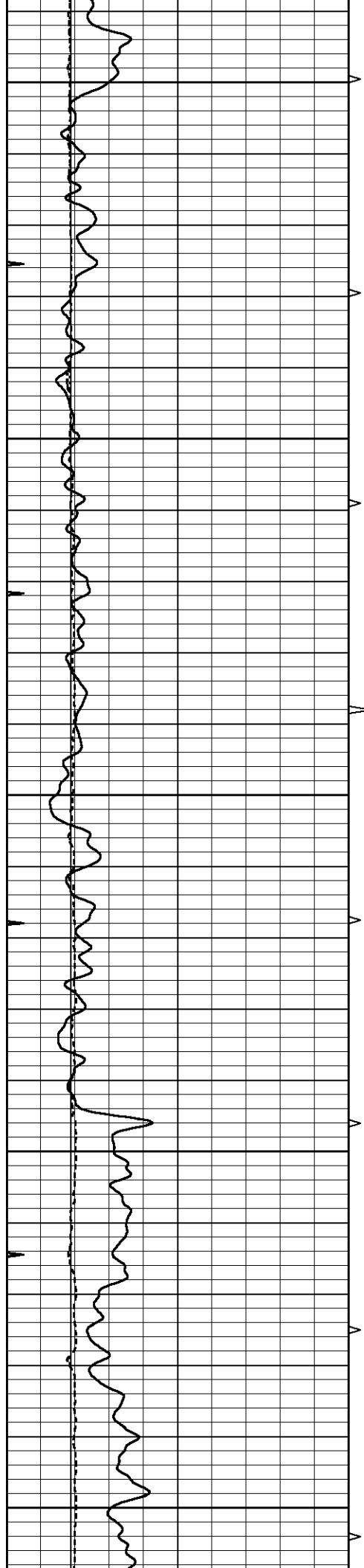
5000

5050

5100







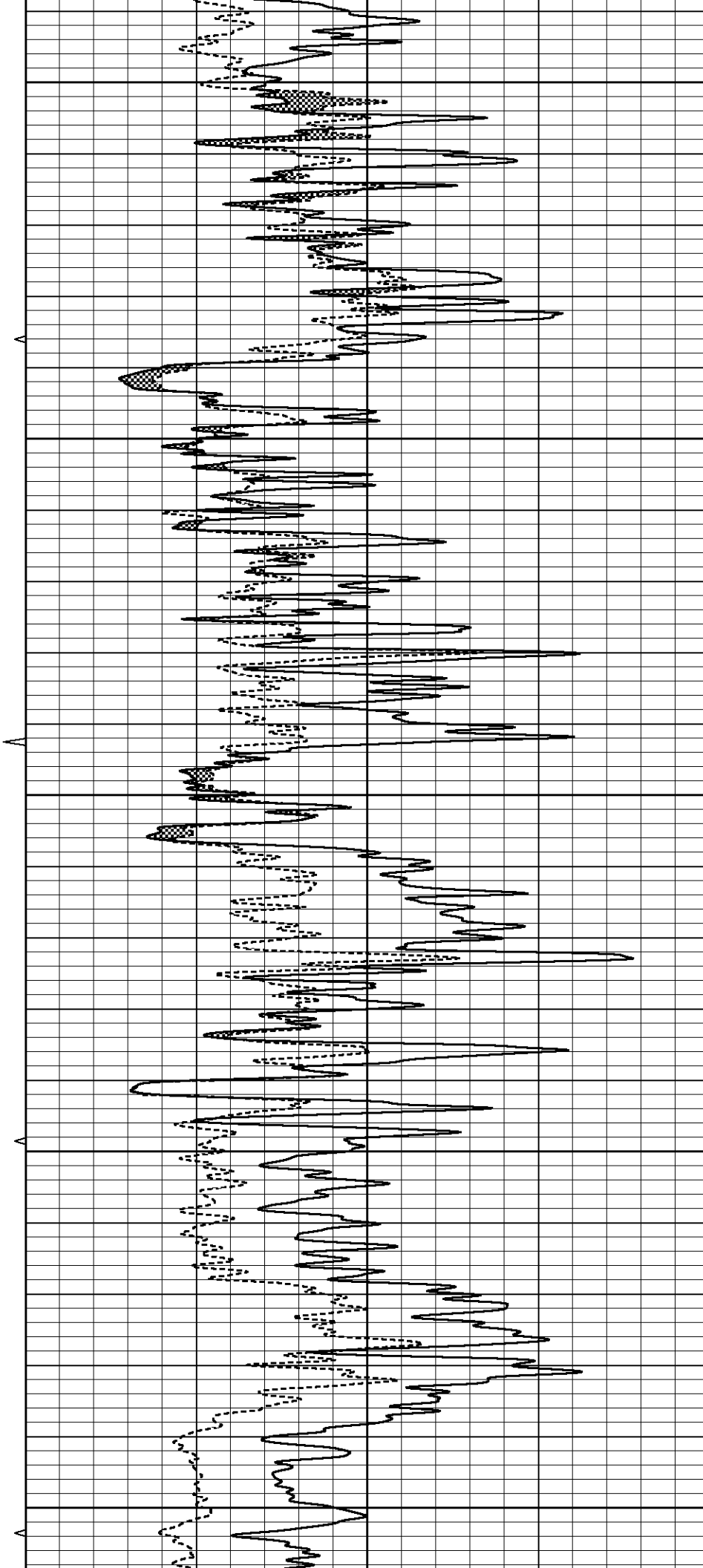
5350

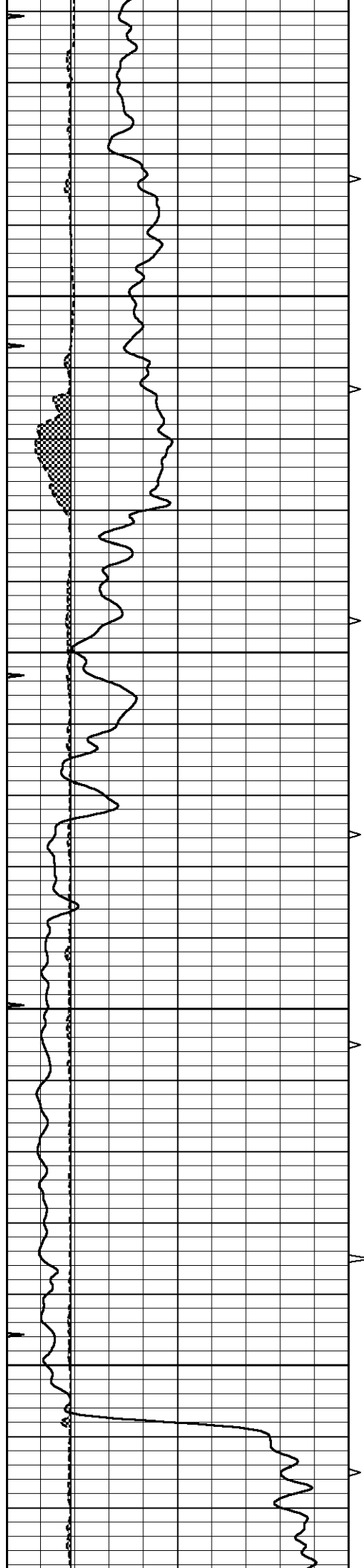
5400

5450

5500

5550



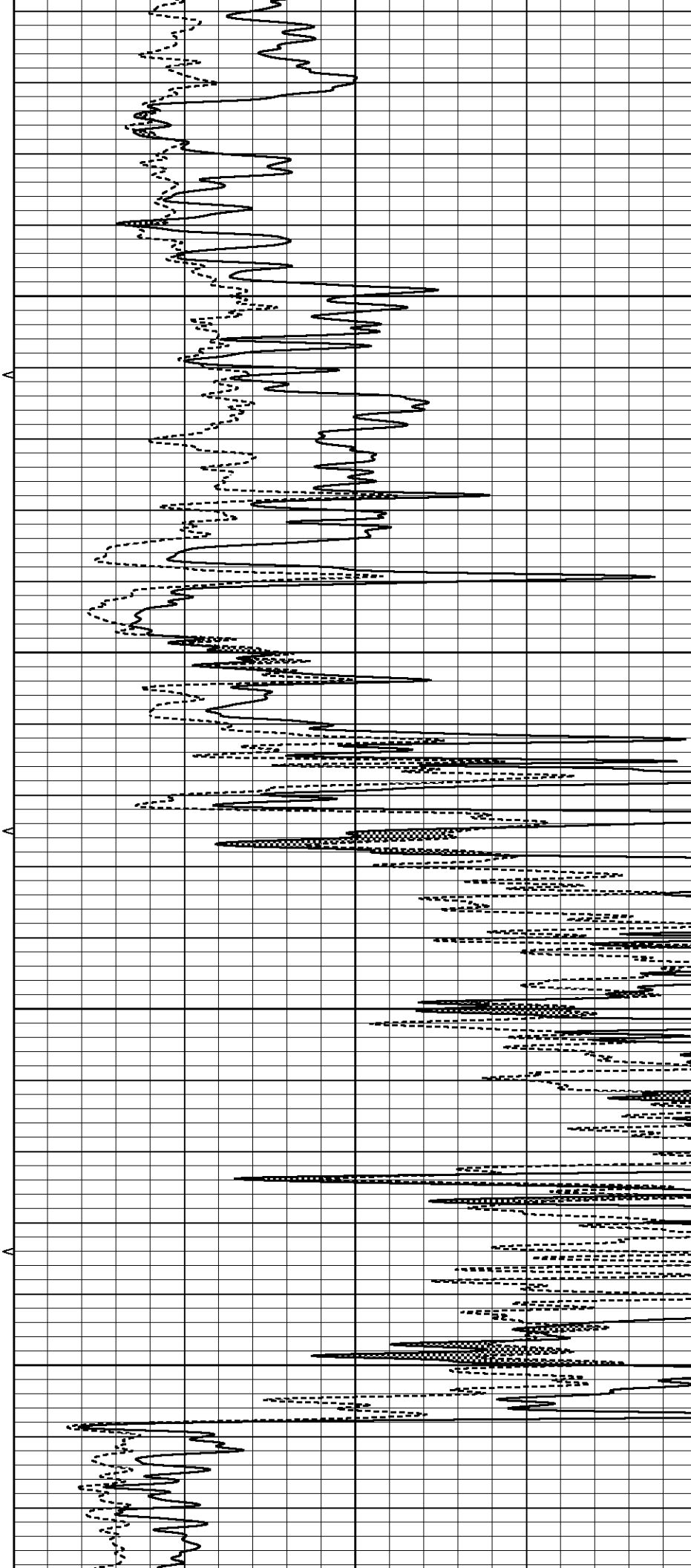


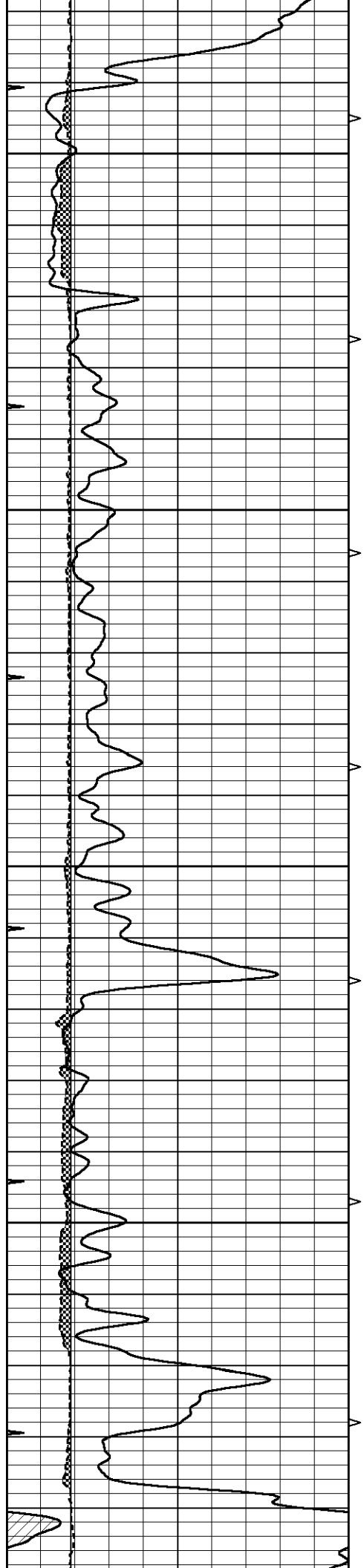
5600

5650

5700

5750





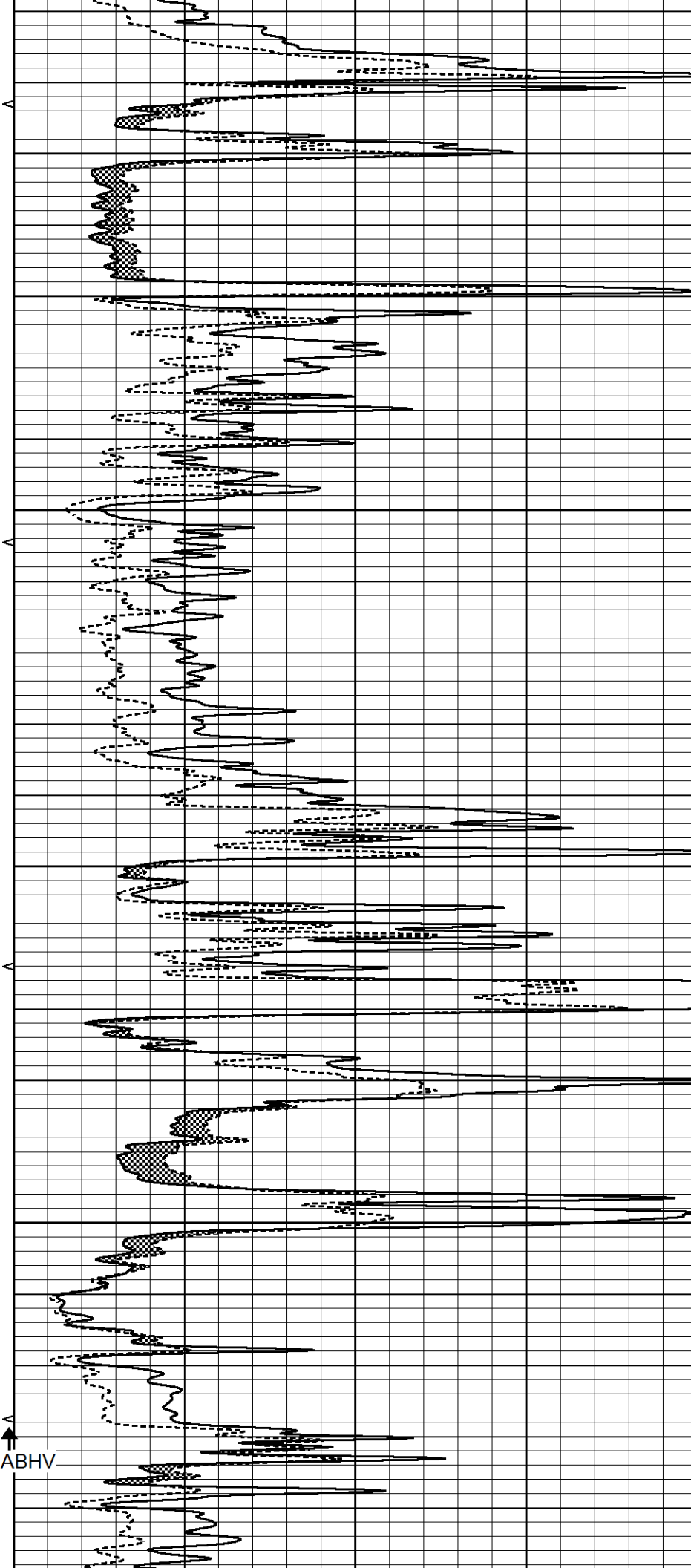
5800

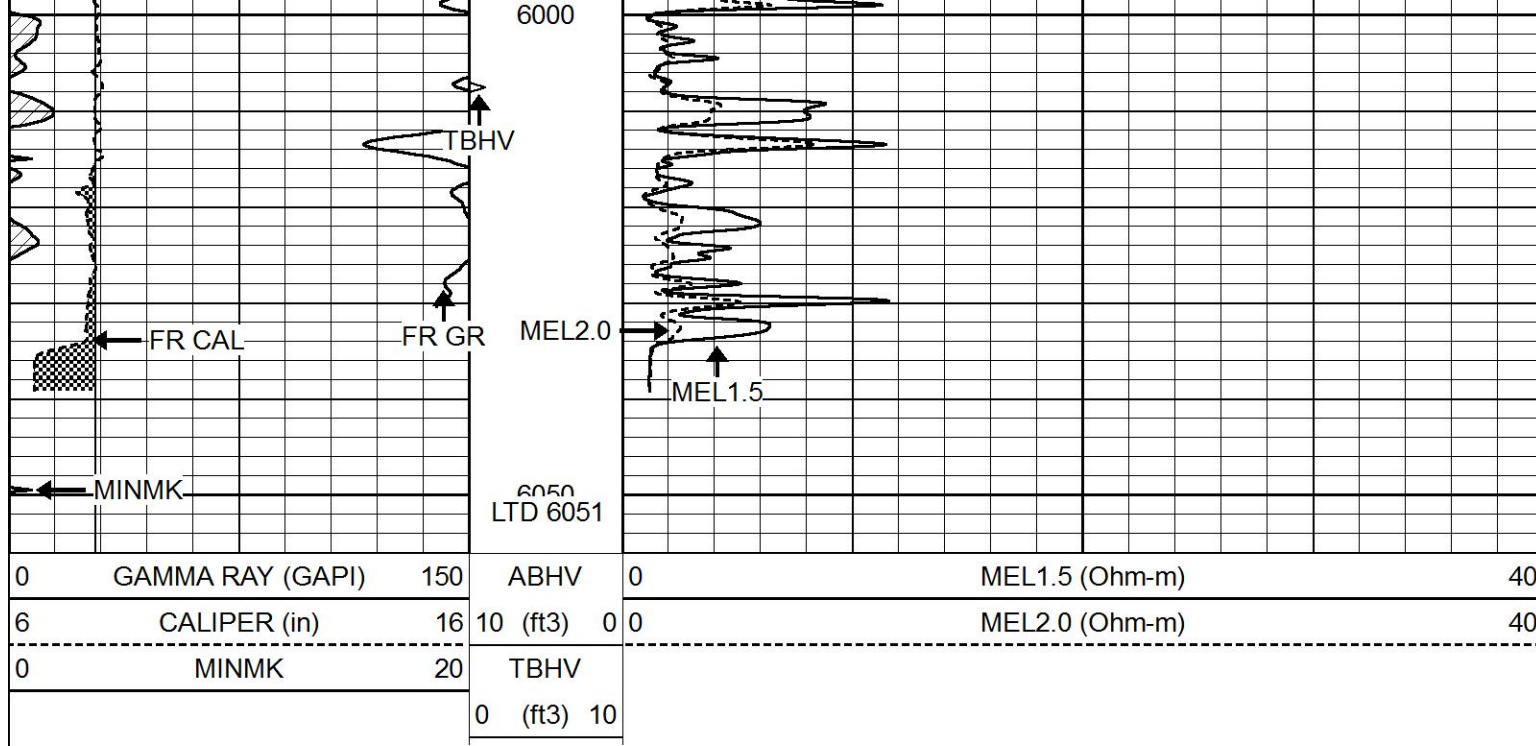
5850

5900

5950

5.5" ABHV

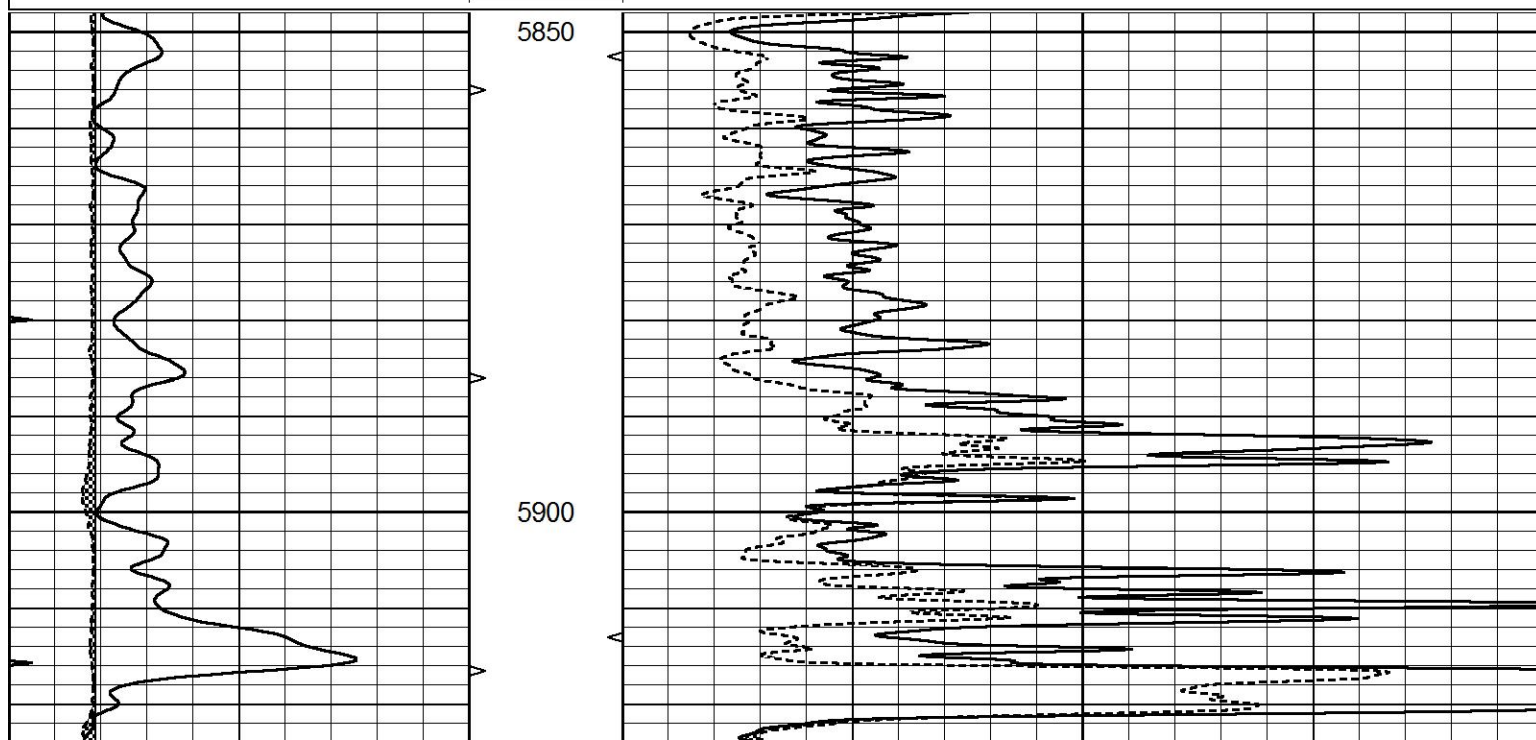


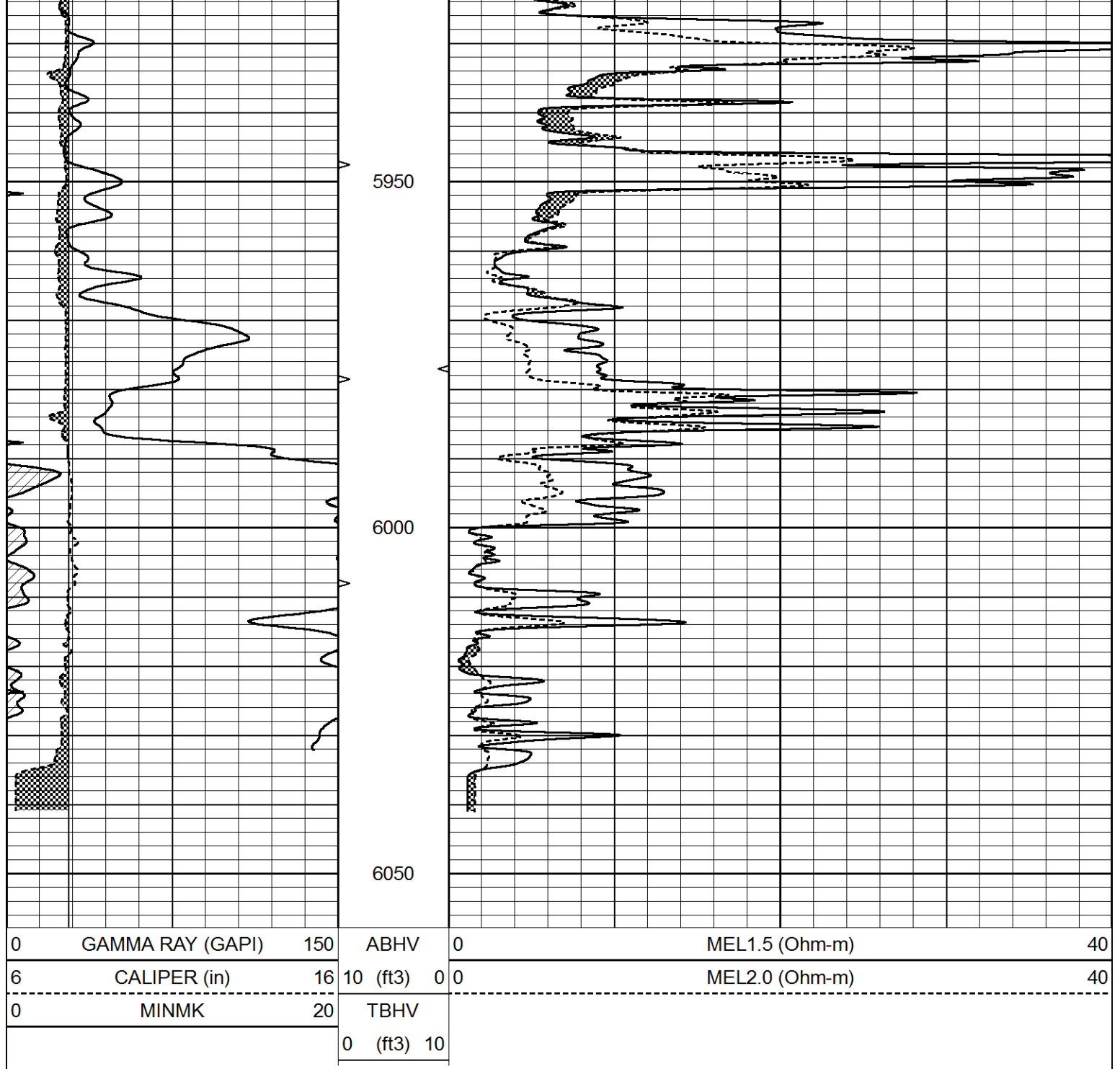


REPEAT SECTION

Database File 7673pe.db
 Dataset Pathname pass5.2
 Presentation Format _micro
 Dataset Creation Sat Apr 22 21:06:22 2023
 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	7673pe.db		
Dataset Pathname	pass6D		
Dataset Creation	Sat Apr 22 21:39:09 2023		
MICRO_USR Calibration Report			
Serial Number:	070911		
Tool Model:	Probel		
Performed:	Thu Jan 19 05:57:00 2023		
Caliper Calibration:	Gain=4.500	Offset=0.330	
References	Low Cal	High Cal	
Readings	8.000	14.000	
	1.451	3.049	
1.5" Calibration:	Gain=30.000	Offset=-0.500	

References			Low Cal		High Cal			
Readings			0.000		20.000			
			0.004		0.843			
2" Calibration:			Gain=35.000			Offset=-0.500		
References			Low Cal		High Cal			
Readings			0.000		20.000			
			0.021		0.810			
Microlog Calibration Report								
Serial-Model:			070911-ProbeL					
Performed:			Sat May 14 04:48:25 2022					
Readings			References				Results	
	Zero	Cal		Zero	Cal		m	b
Normal	0.0002	0.4836	V	0.0000	10.0000	Ohm-m	20.6908	-0.0051
Inverse	0.0018	0.6297	V	0.0000	10.0000	Ohm-m	15.9263	-0.0282
Caliper	0.0000	1.0000	V	0.0000	1.0000	in	1.0000	0.0000
Gamma Ray Calibration Report								
Serial Number:			070558					
Tool Model:			Probe1					
Performed:			Fri Mar 31 09:04:23 2023					
Calibrator Value:			1.0		GAPI			
Background Reading:			0.0		cps			
Calibrator Reading:			1.0		cps			
Sensitivity:			0.2700		GAPI/cps			