



SUPERIOR
Hays,
Kansas

SONIC LOG

Company	RAYMOND OIL COMPANY, INC.		
Well	#1 ROSE "A"		
Field	WILDCAT		
County	LOGAN		
State	KANSAS		
Location:	API #: 15-109-20852		
1143' SL & 1834' FEL			
SEC 2 TWP 14S RGE 32W			
Permanent Datum	GROUND LEVEL	Elevation	2843
Log Measured From	KELLY BUSHING 5' A.G.L.		
Drilling Measured From	KELLY BUSHING		
		Other Services	
		CDL/CNL	
		DIL/MEL	
		Elevation	
		K.B. 2848	
		D.F.	
		G.L. 2843	

Date	8-8-09		
Run Number	TWO		
Depth Driller	4599		
Depth Logger	4598		
Bottom Logged Interval	4590		
Top Log Interval	250		
Casing Driller	260		
Casing Logger	260		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.5 / 49		
pH / Fluid Loss	9.5 / 10.4		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	0.50 @ 92F		
Rinf @ Meas. Temp	0.38 @ 92F		
Rmc @ Meas. Temp	0.60 @ 92F		
Source of Rinf / Rmc	MEASURED		
Rim @ BHT	.380 @ 121F		
Time Circulation Stopped	3 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	121F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	RUPP		
Witnessed By	KIM SHOEMAKER		

<<< 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

SUPERIOR WELL SERVICES
785-628-6395
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: OAKLEY, 18S TO MM#133, E INTO.

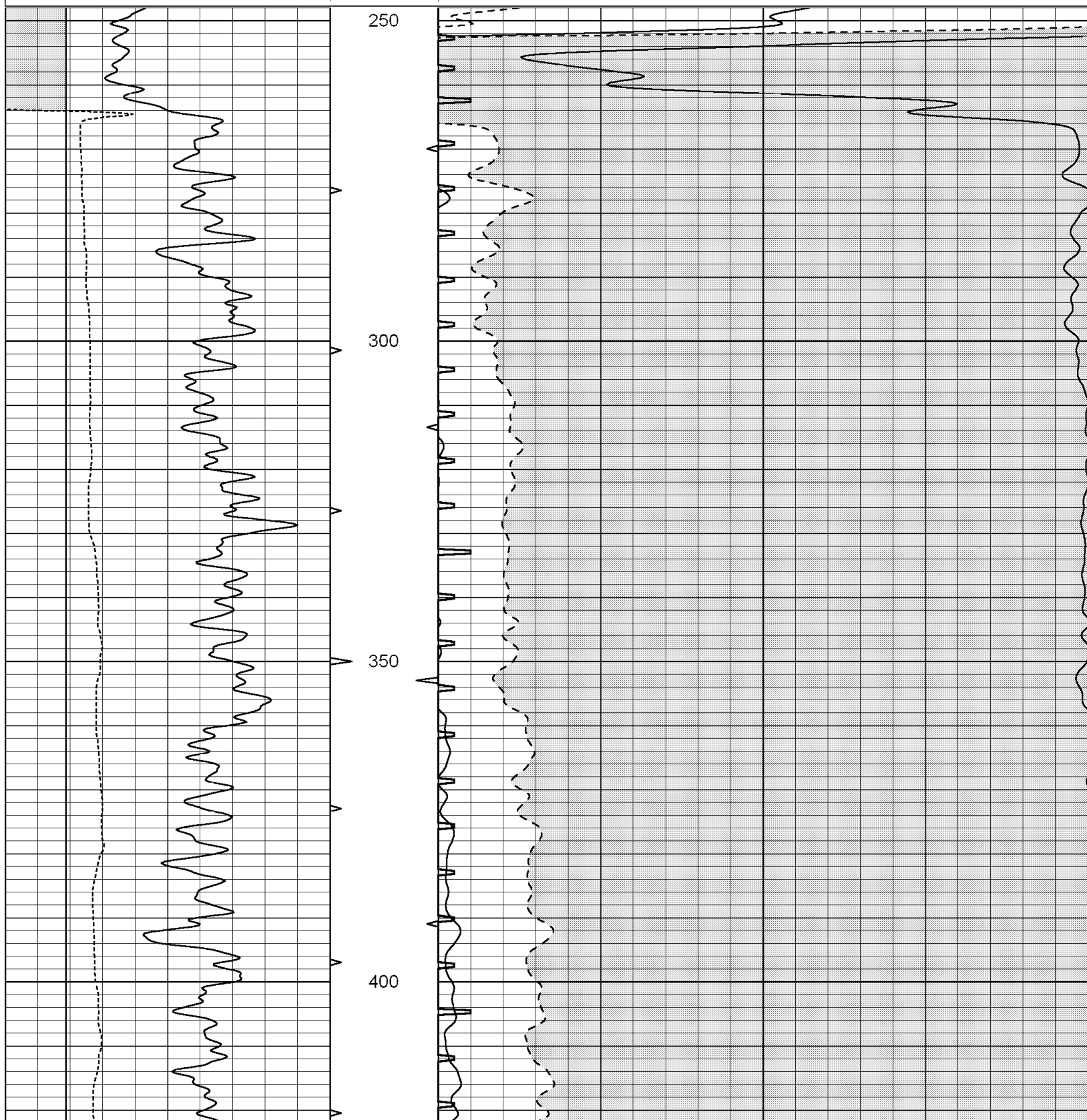


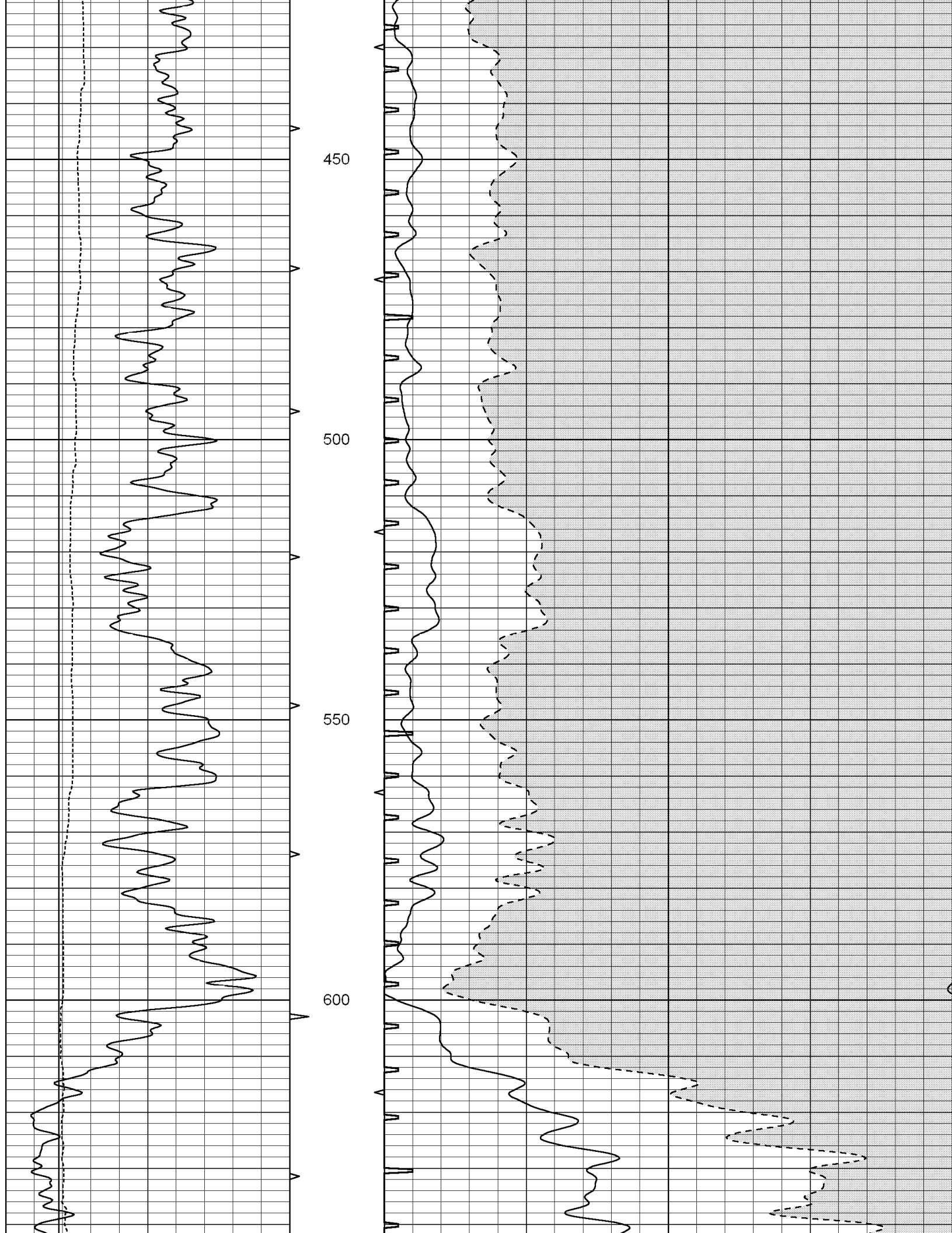
SUPERIOR
Hays,
Kansas

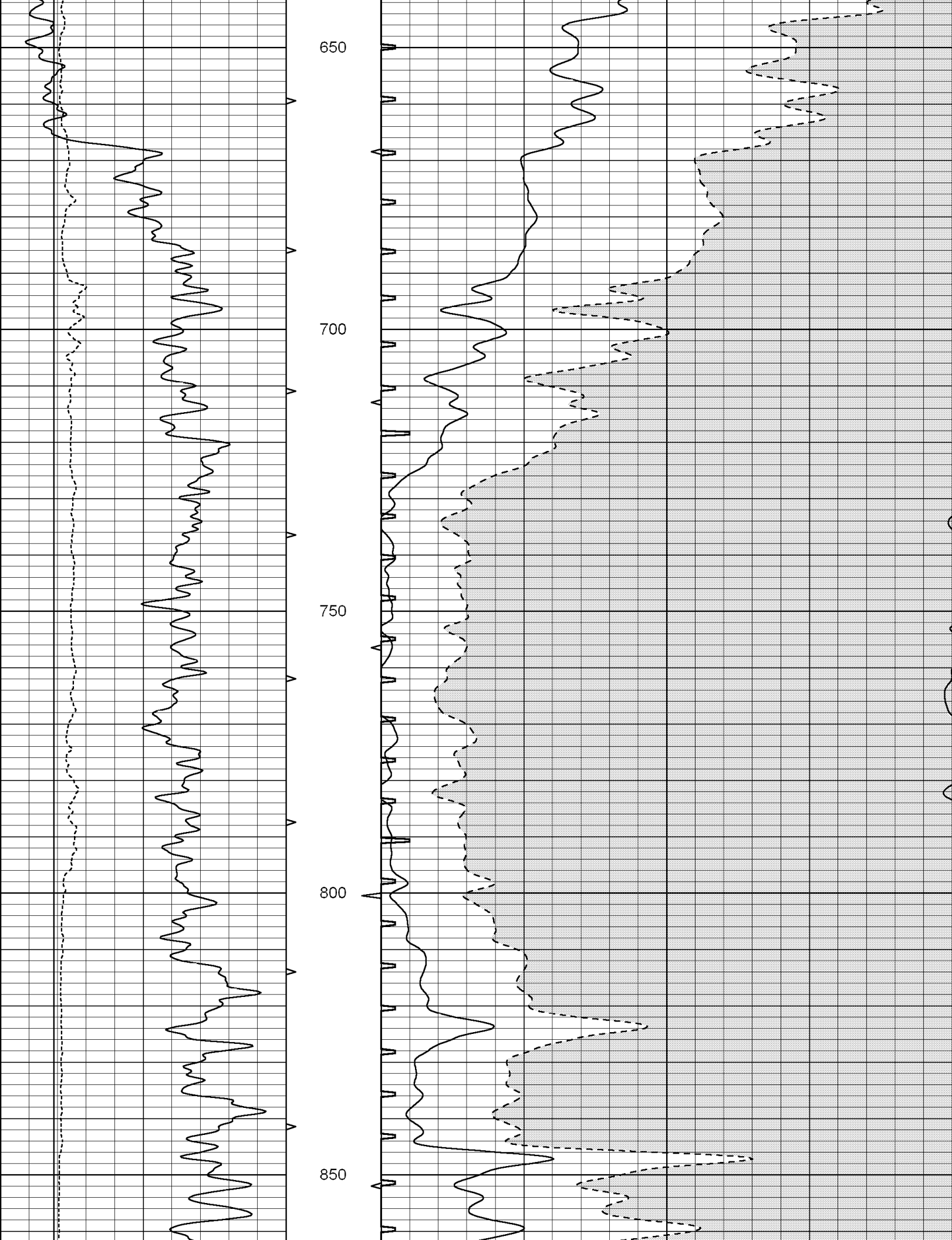
MAIN SECTION

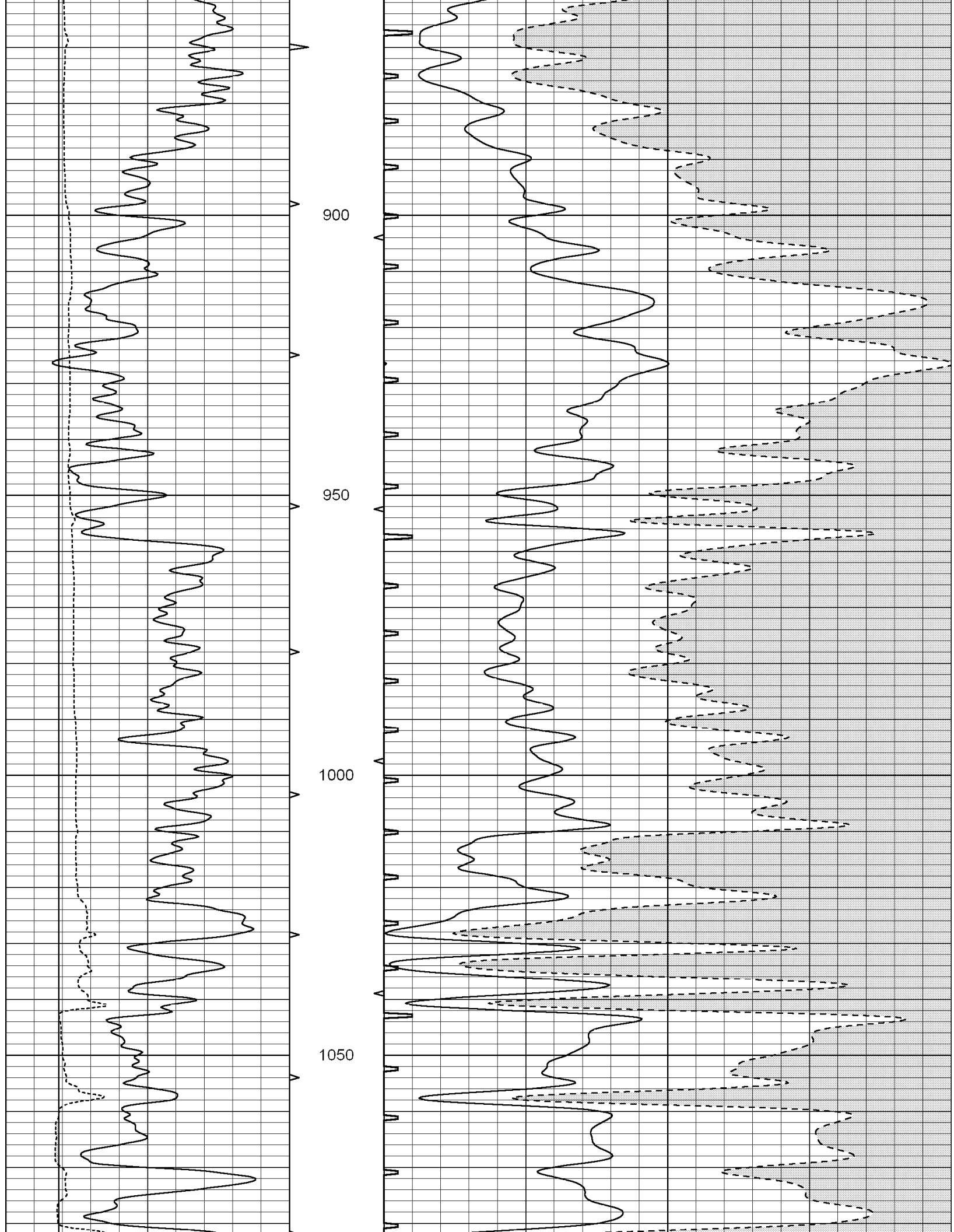
Database File: 000715ddn.db
Dataset Pathname: pass5
Presentation Format: slt
Dataset Creation: Sat Aug 08 04:52:44 2009 by Log Open-Cased 051020
Charted by: Depth in Feet scaled 1:240

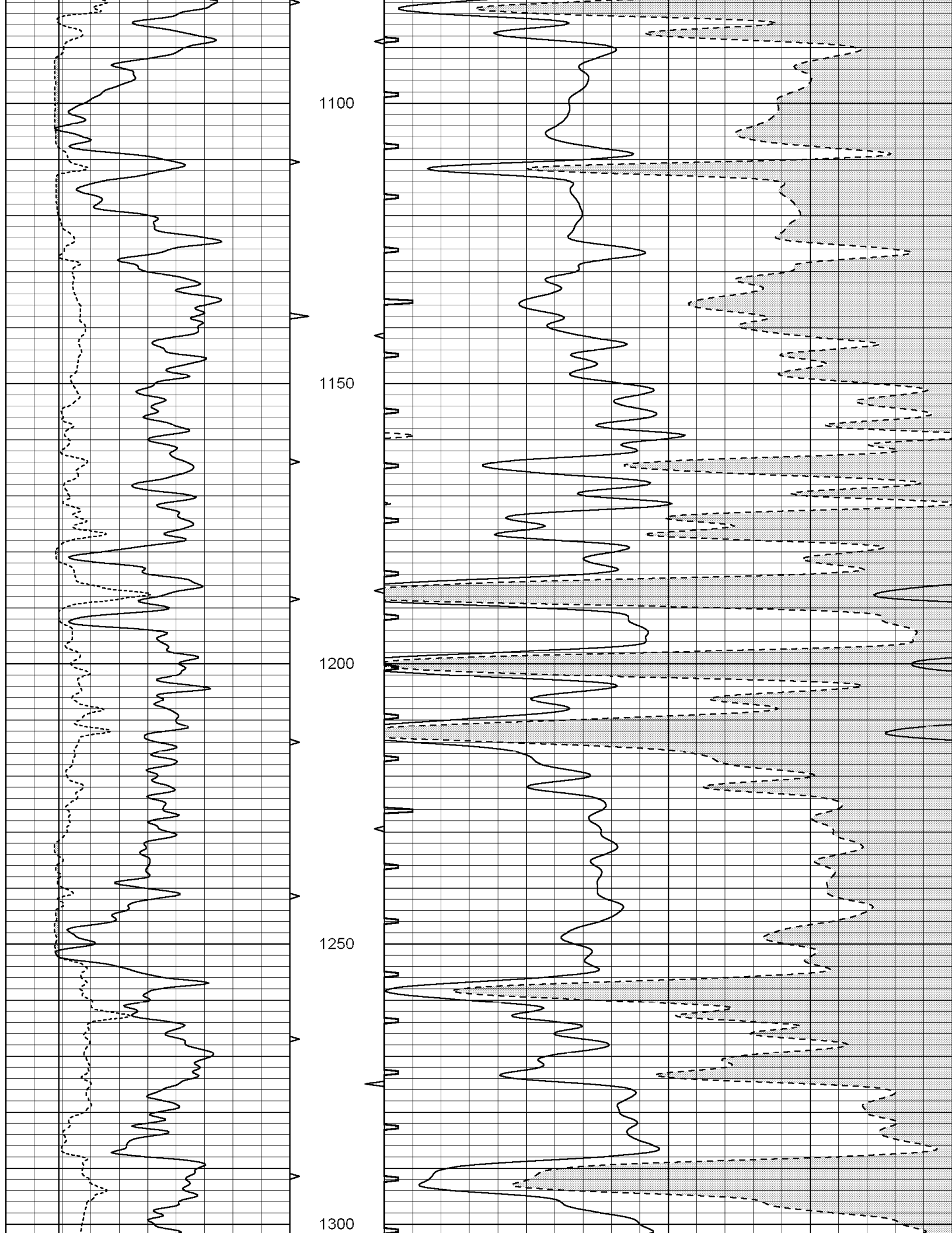
0	GAMMA RAY (GAPI)	150	ABHV	140	DELTA TIME (usec/ft)	40
6	CALIPER (in)	16	10 (ft3) 0	30	SONIC POROSITY (pu)	-10
			TBHV	0	ITT (msec)	20
			0 (ft3) 10			

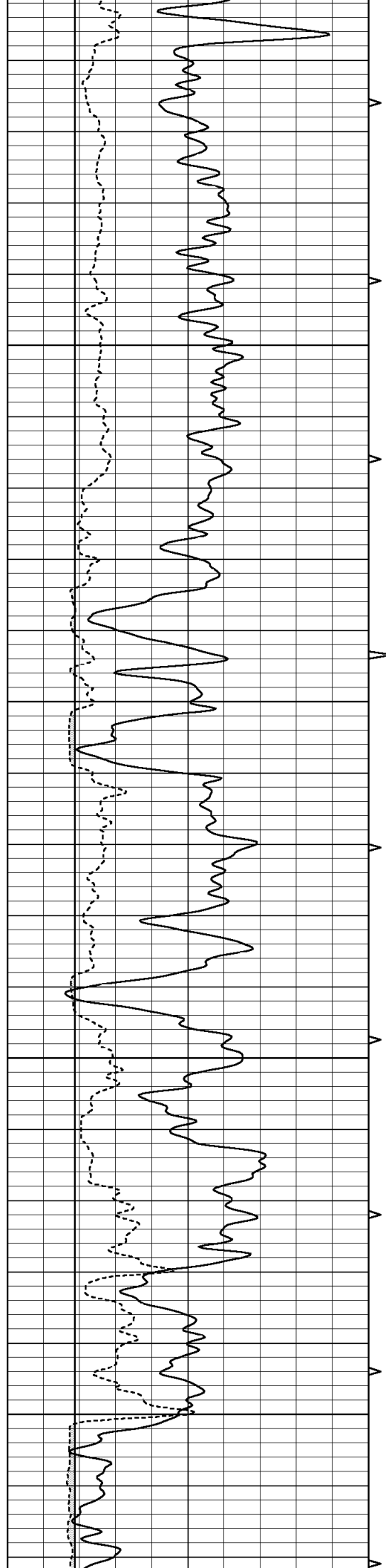










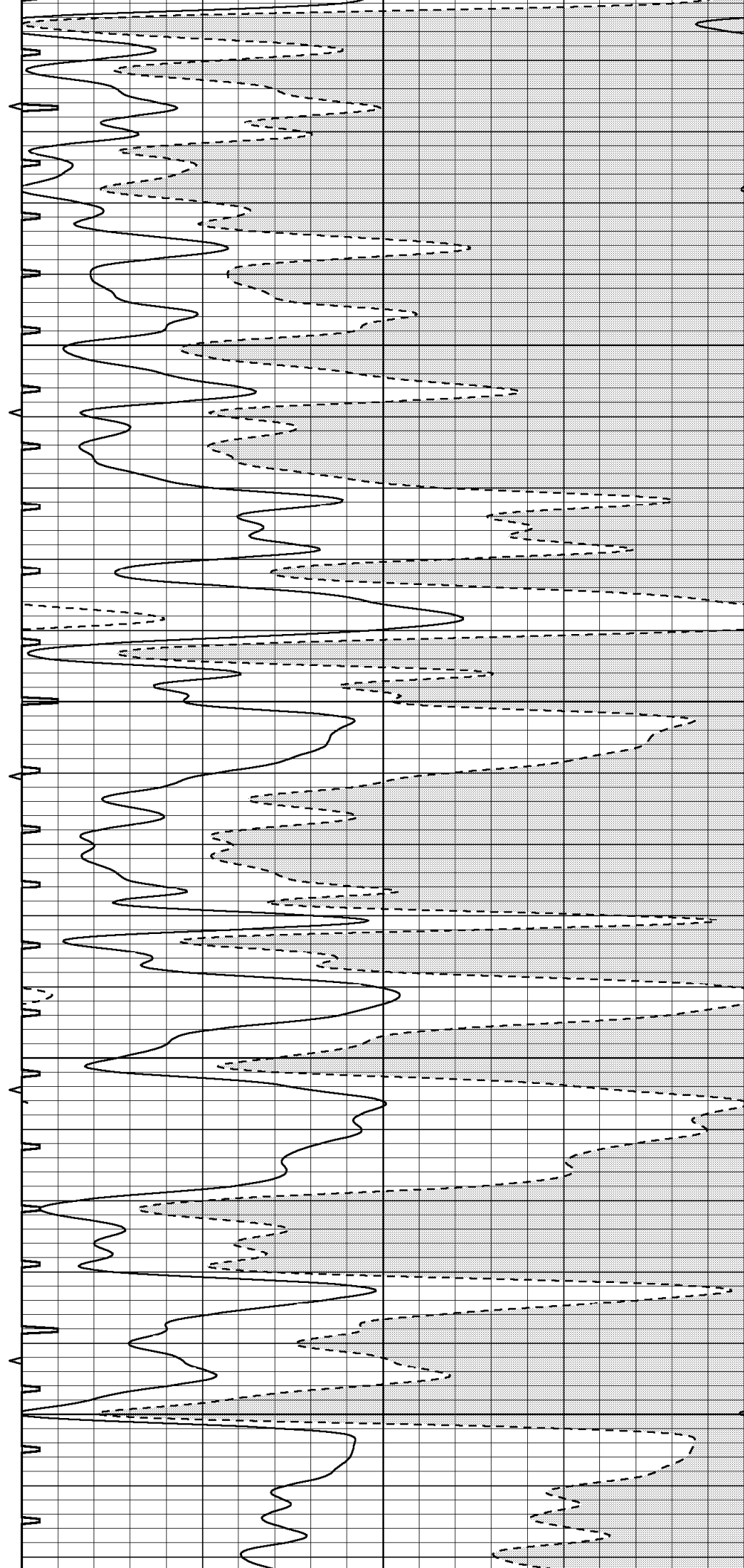


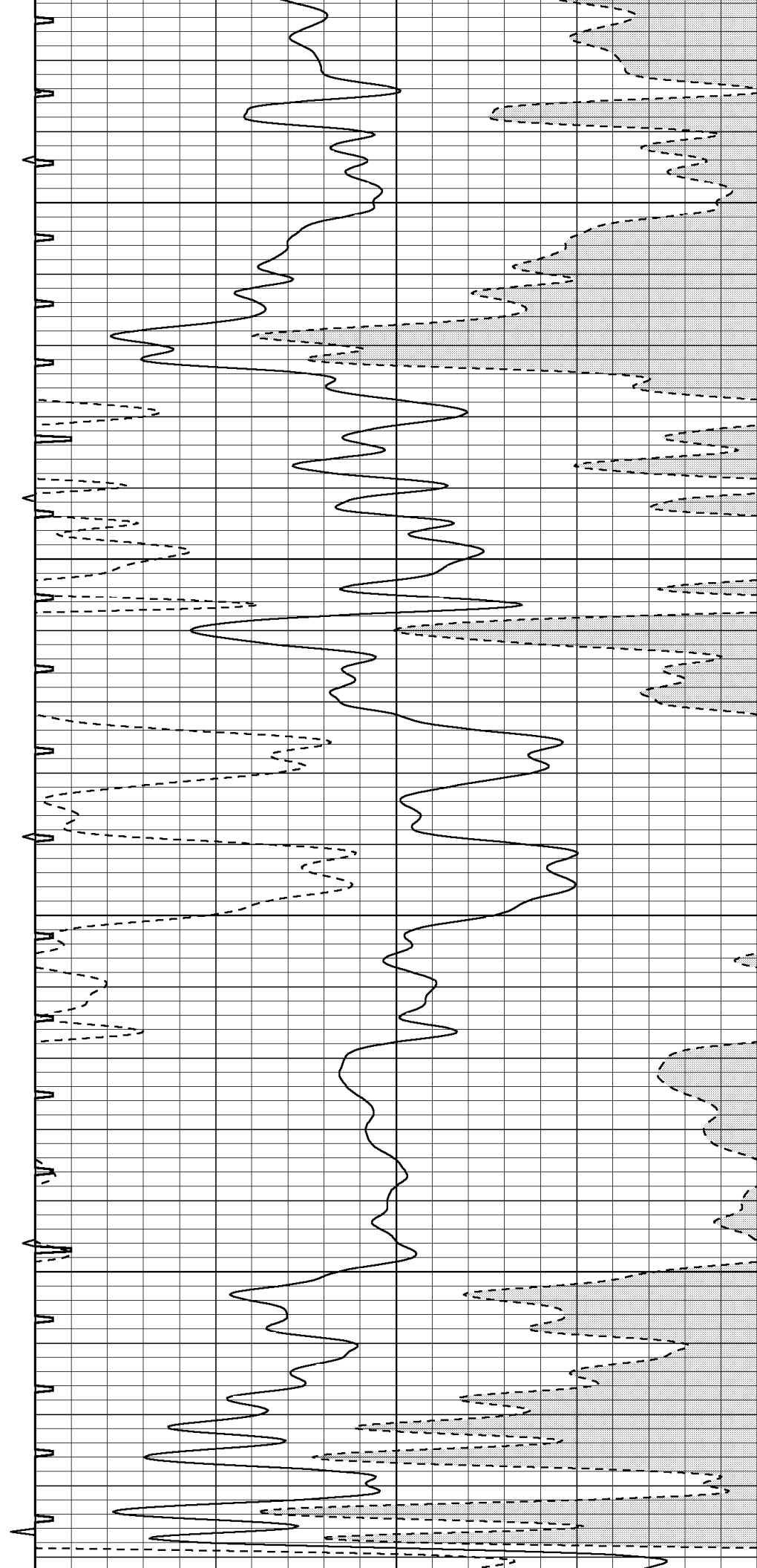
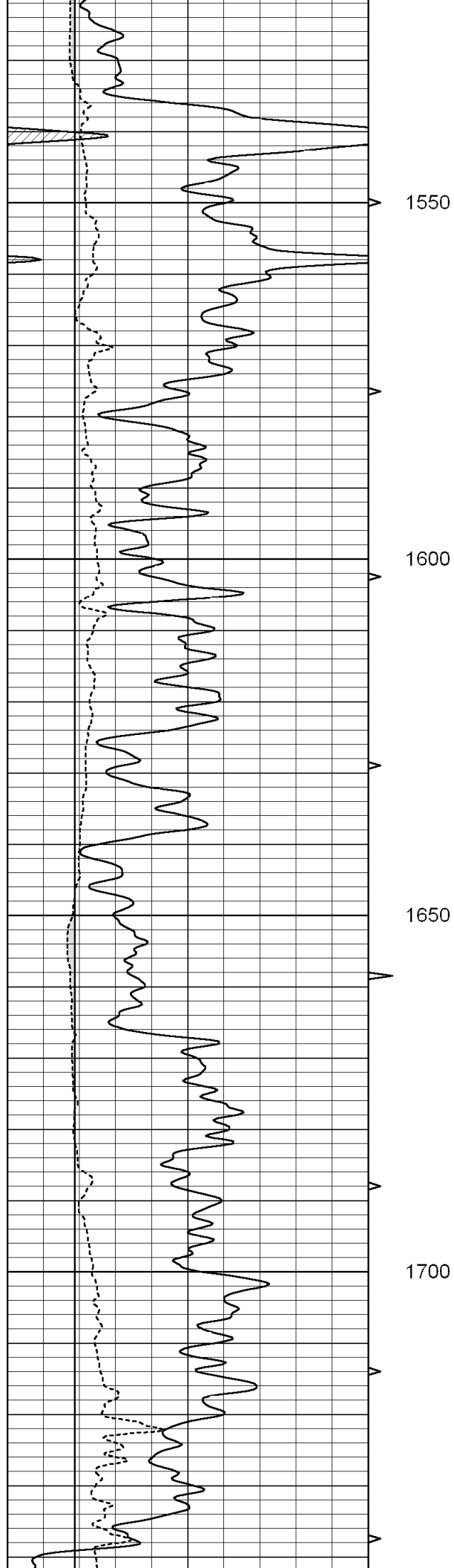
1350

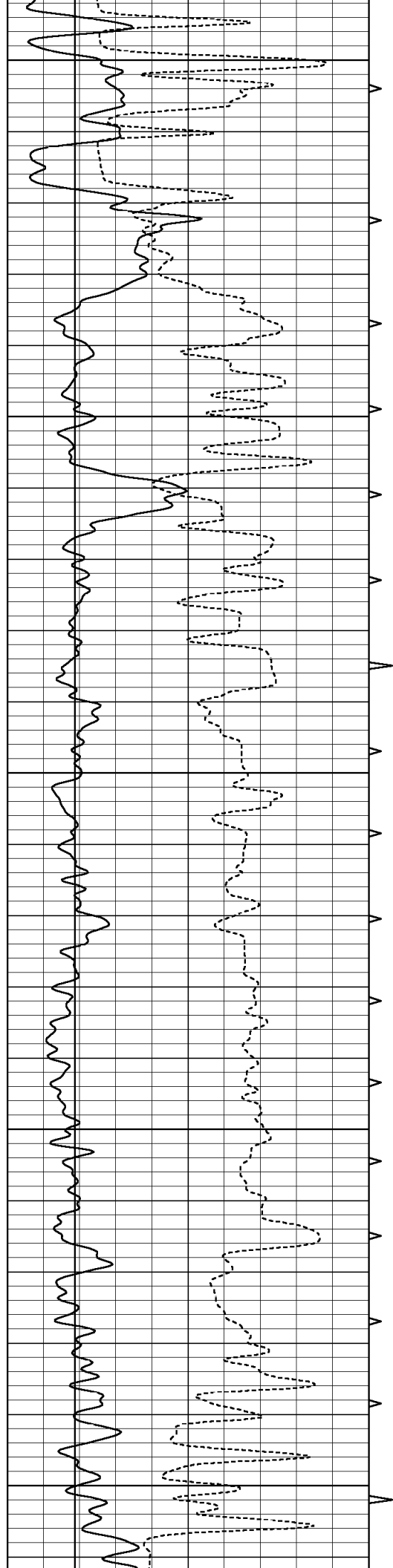
1400

1450

1500







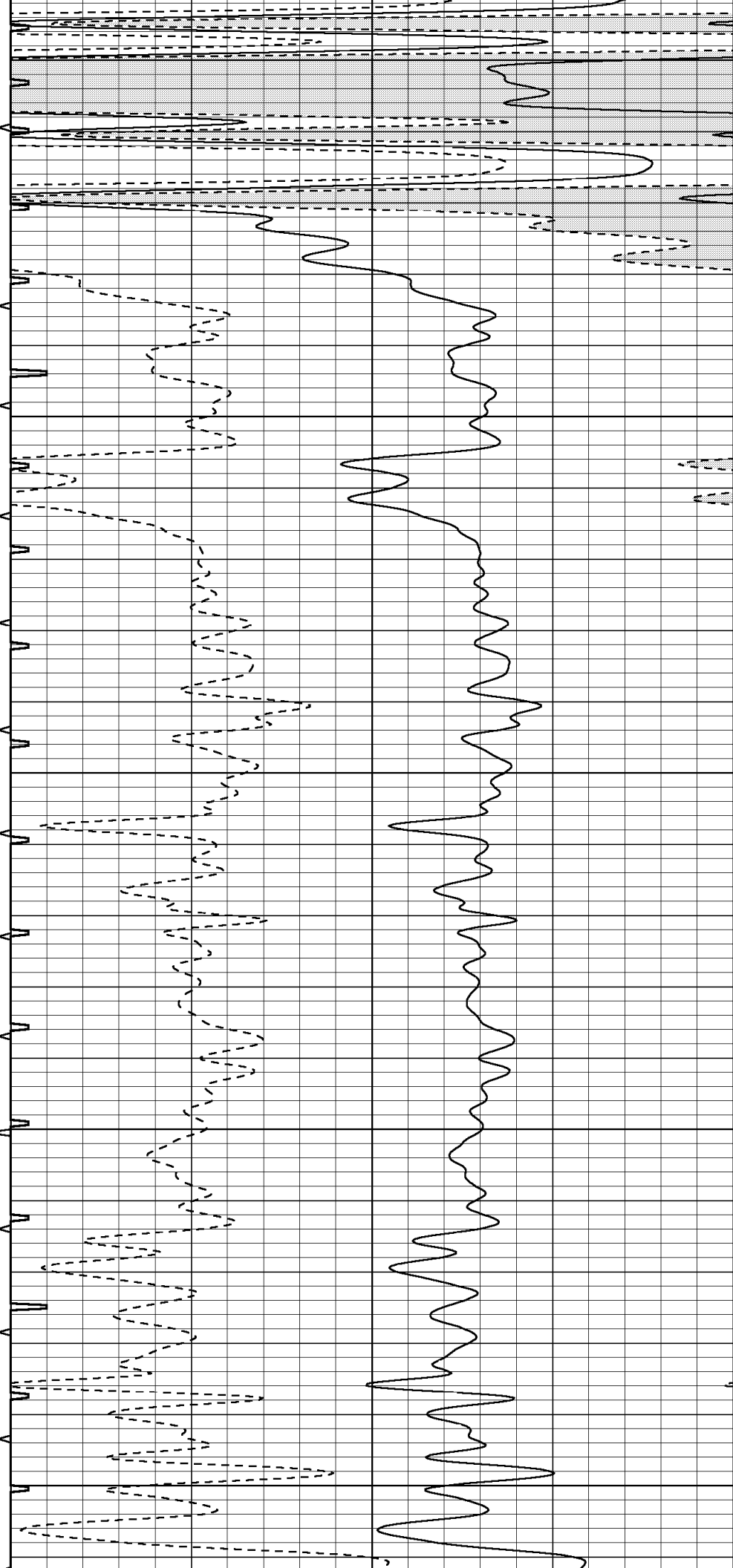
1750

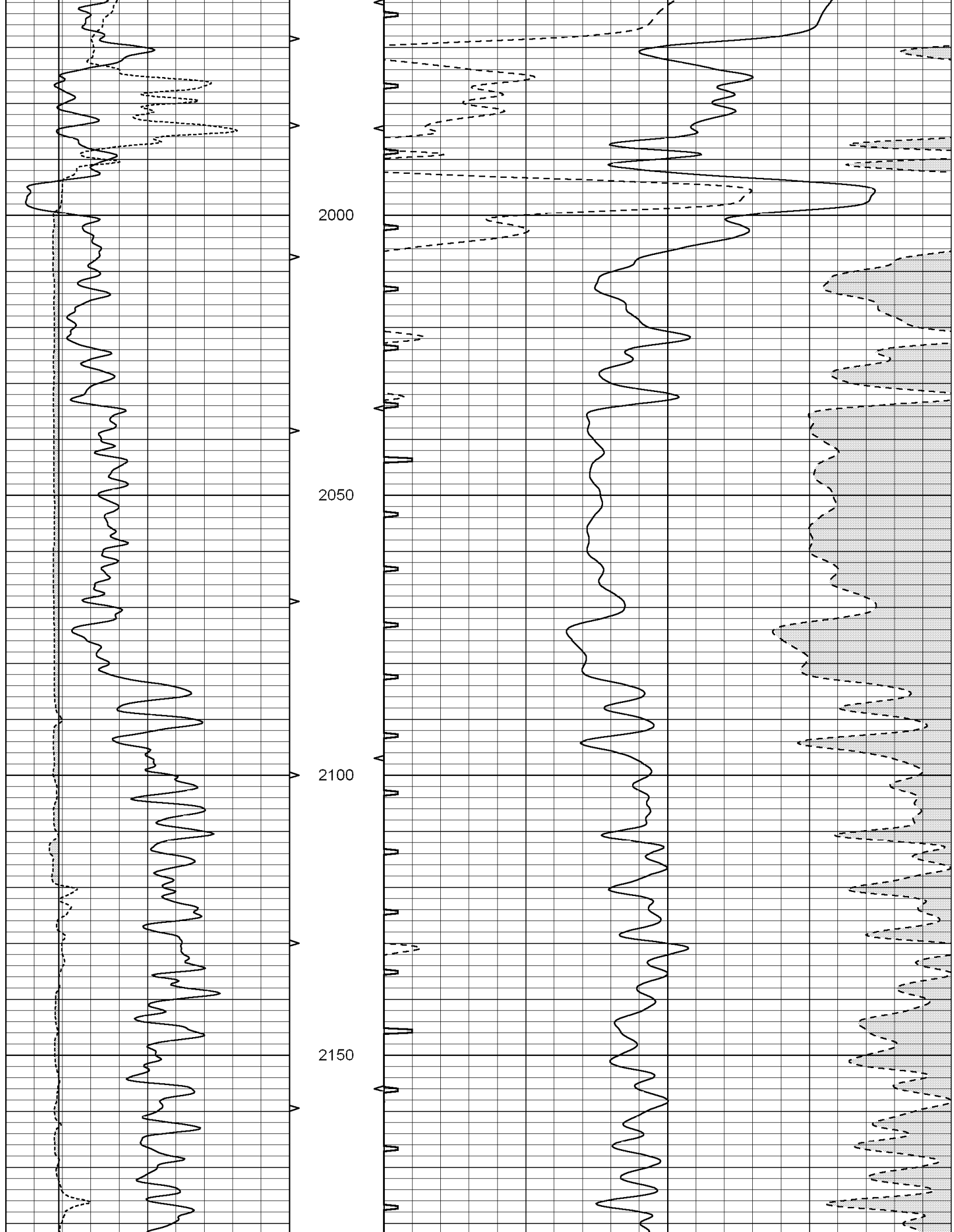
1800

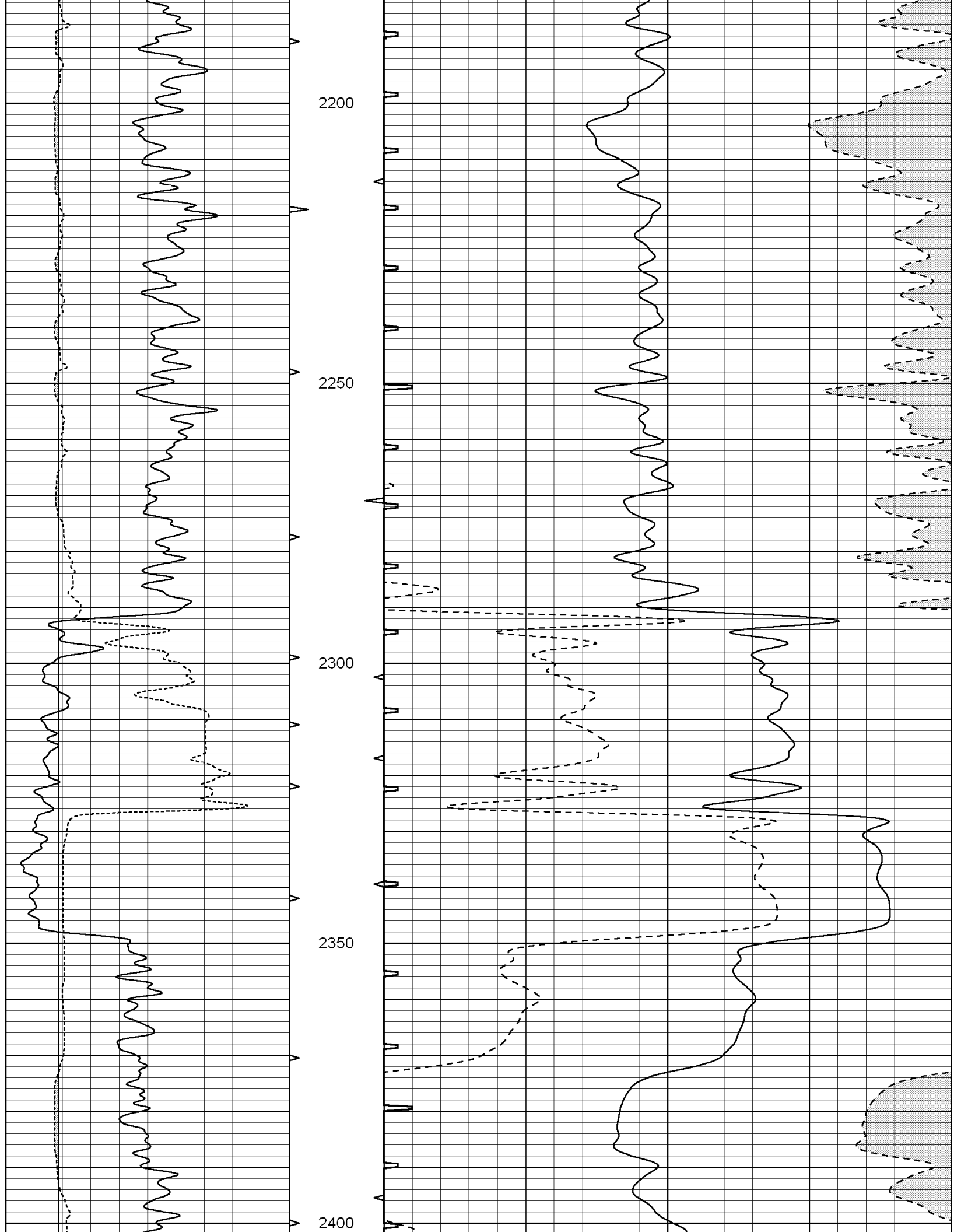
1850

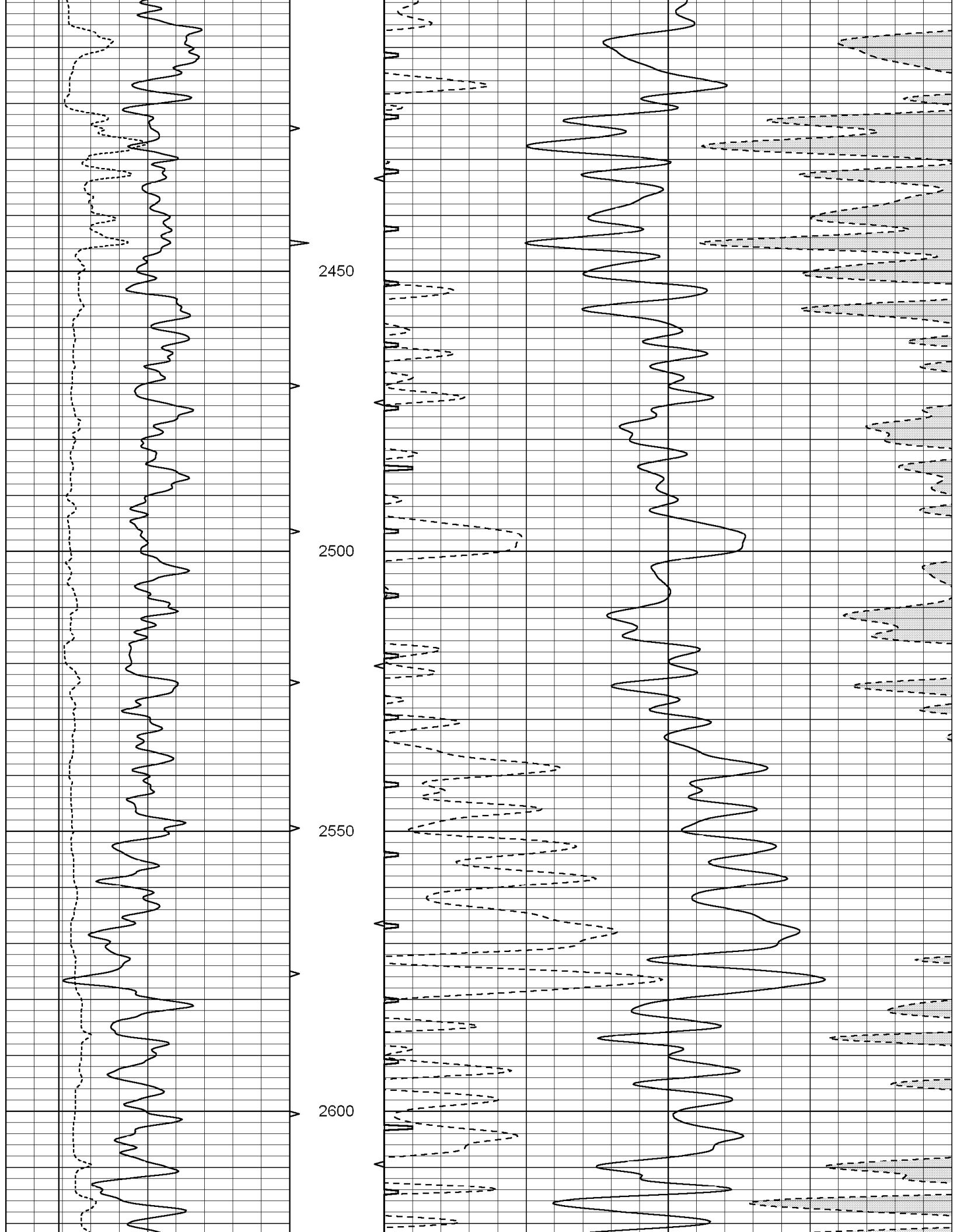
1900

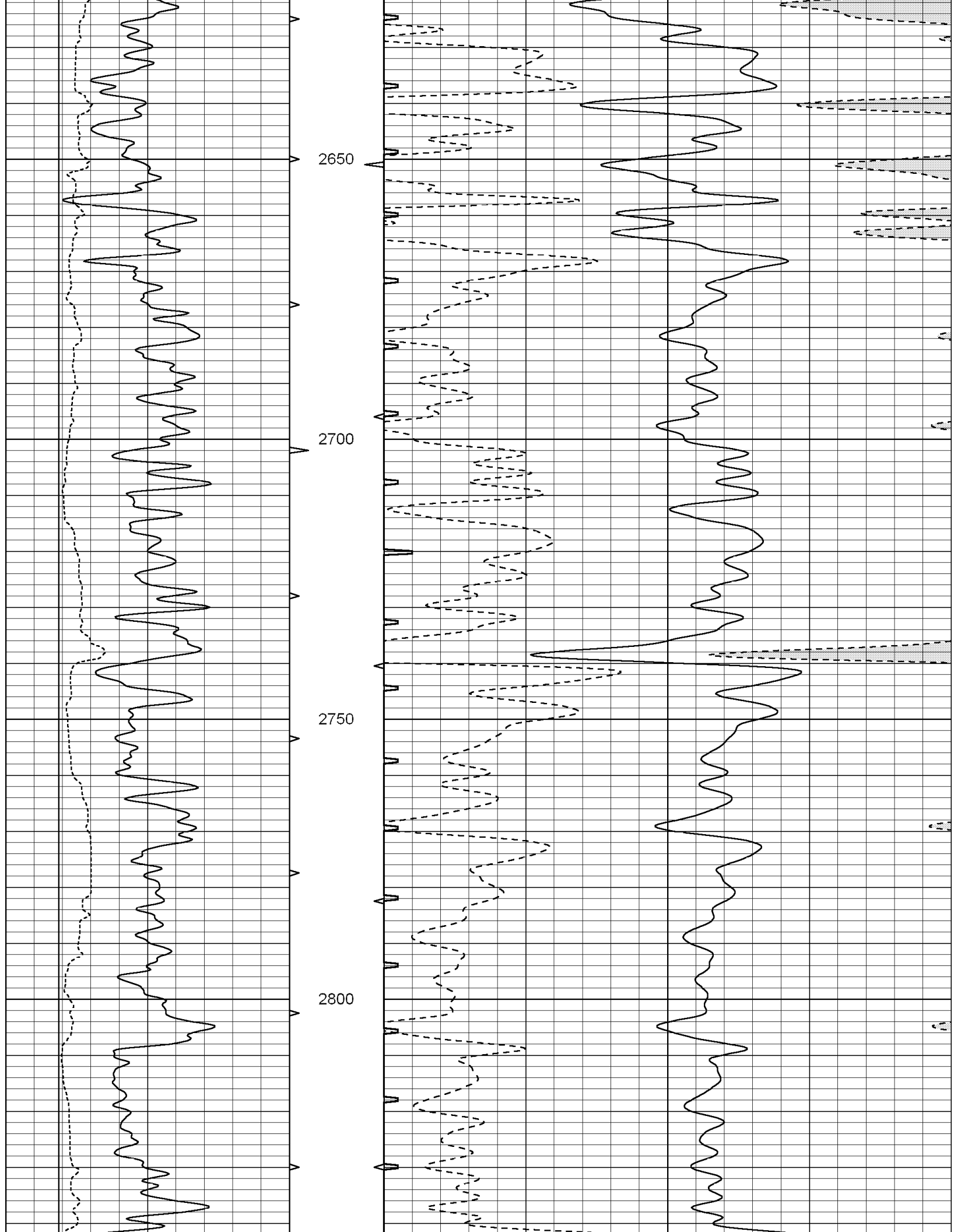
1950

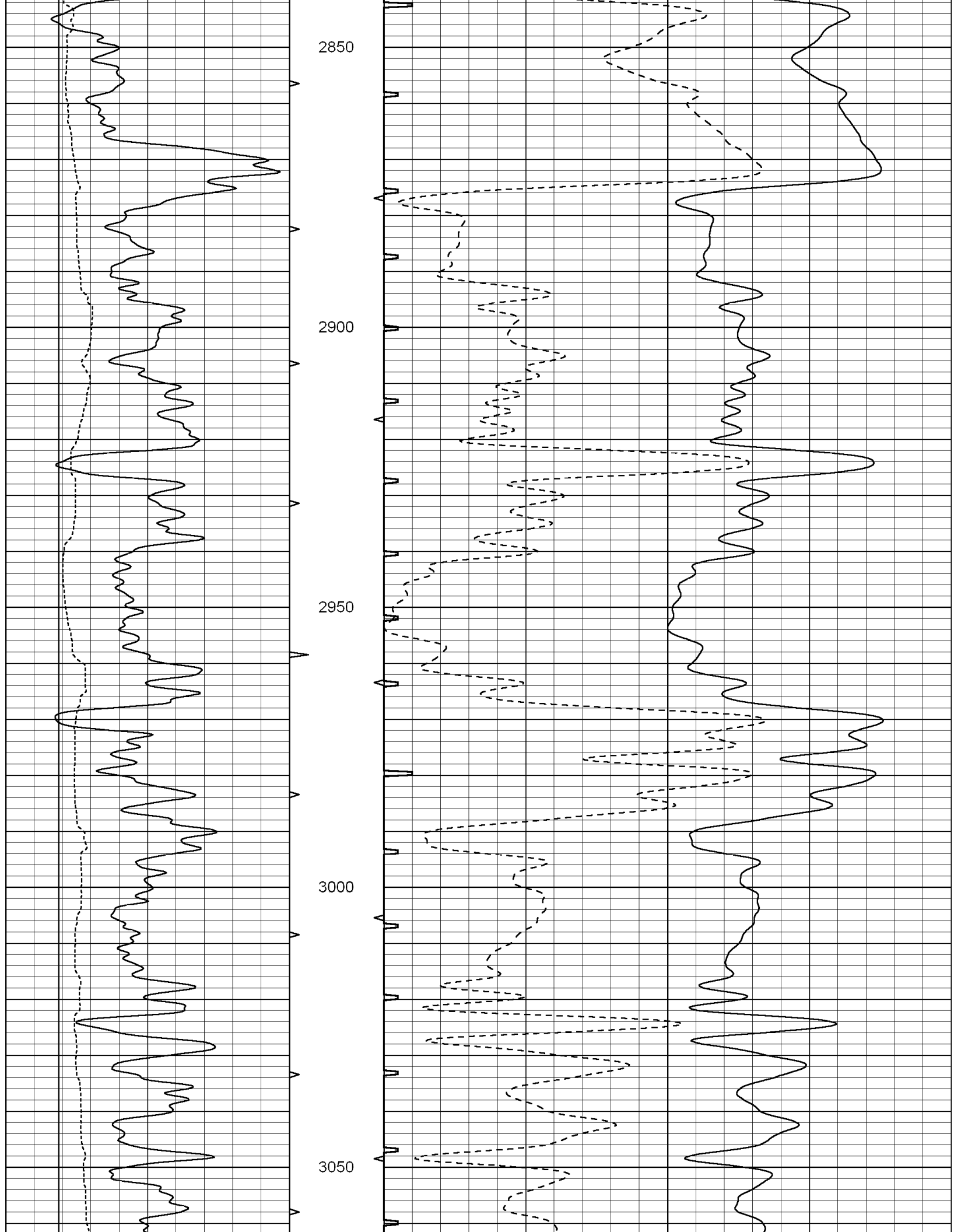


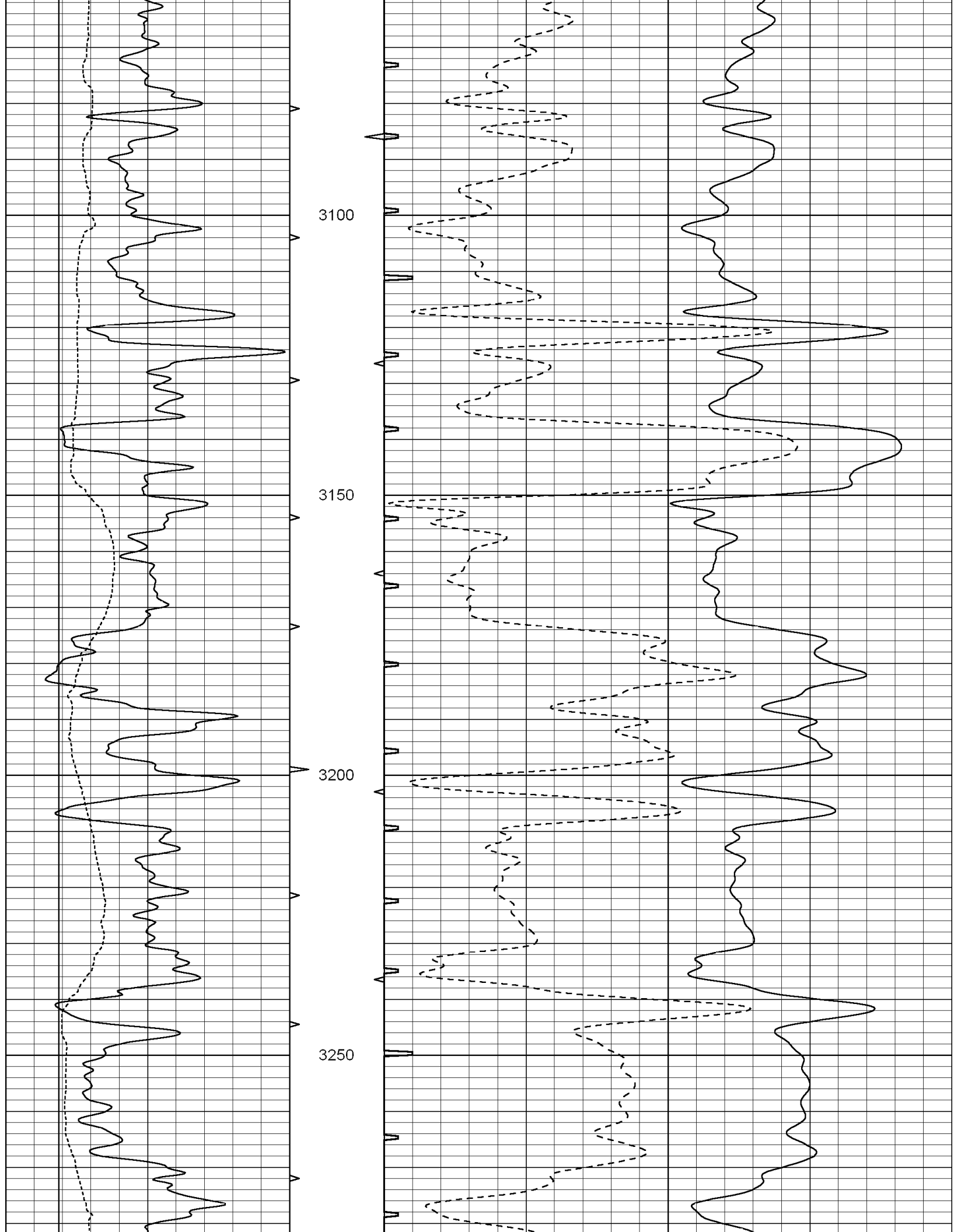


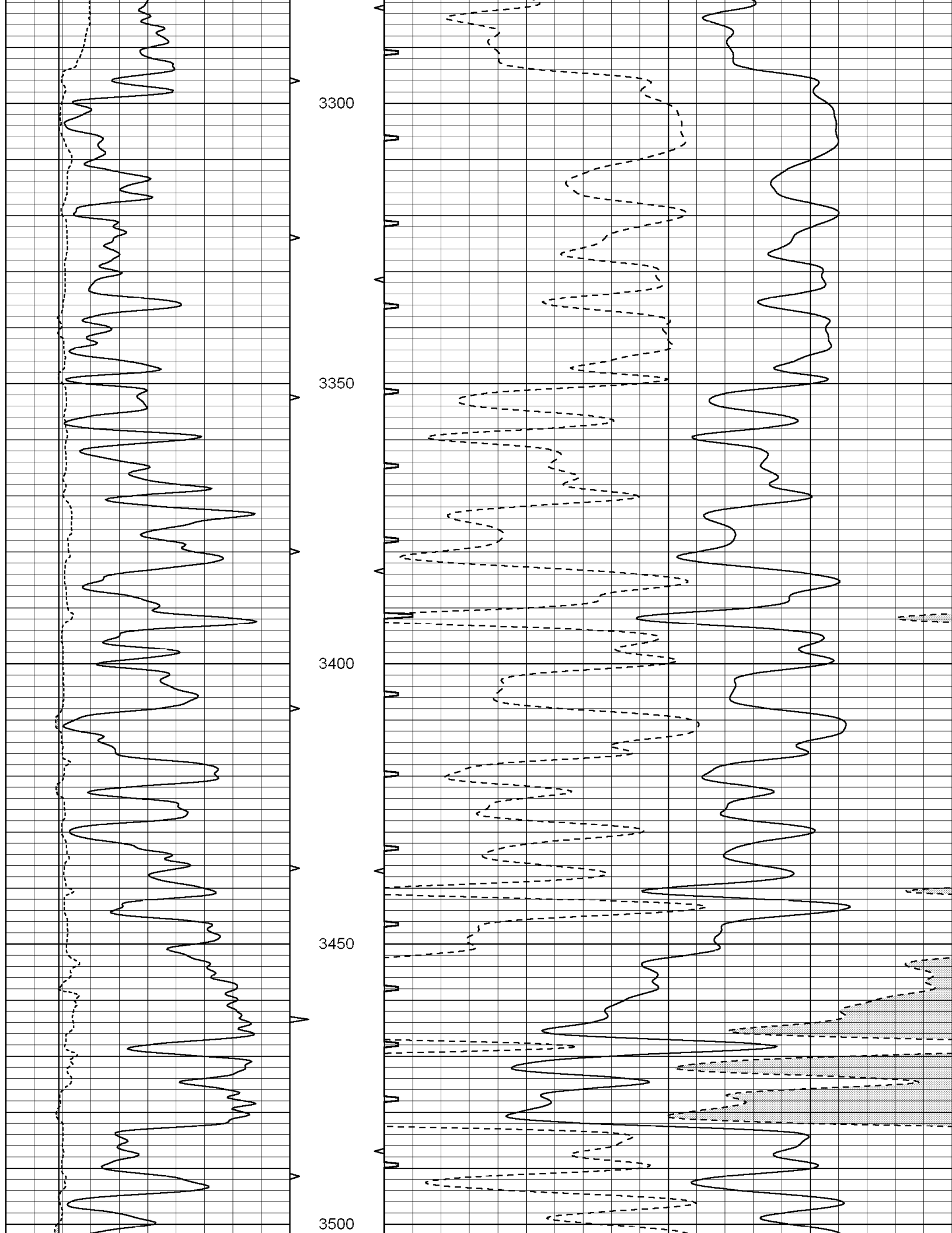


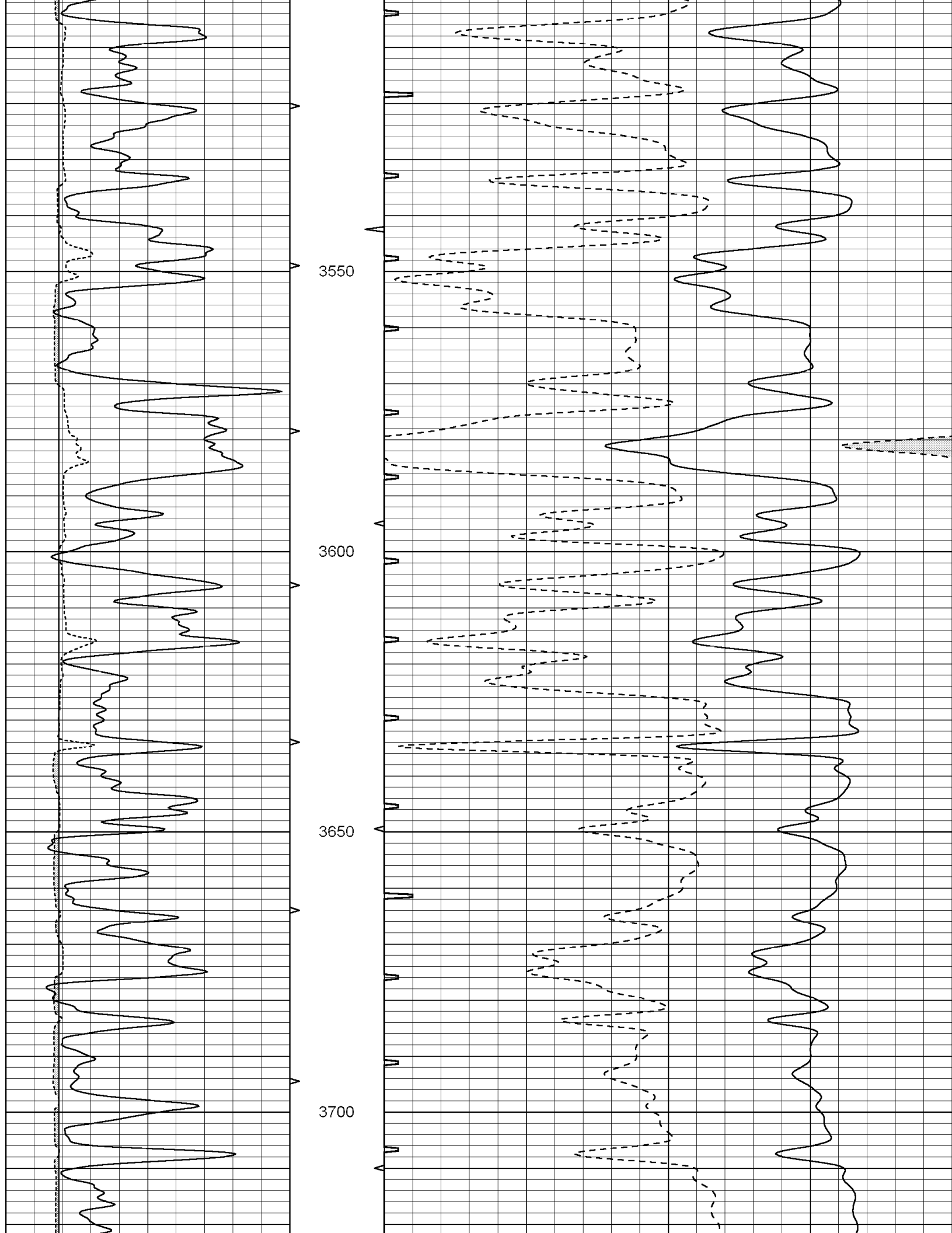


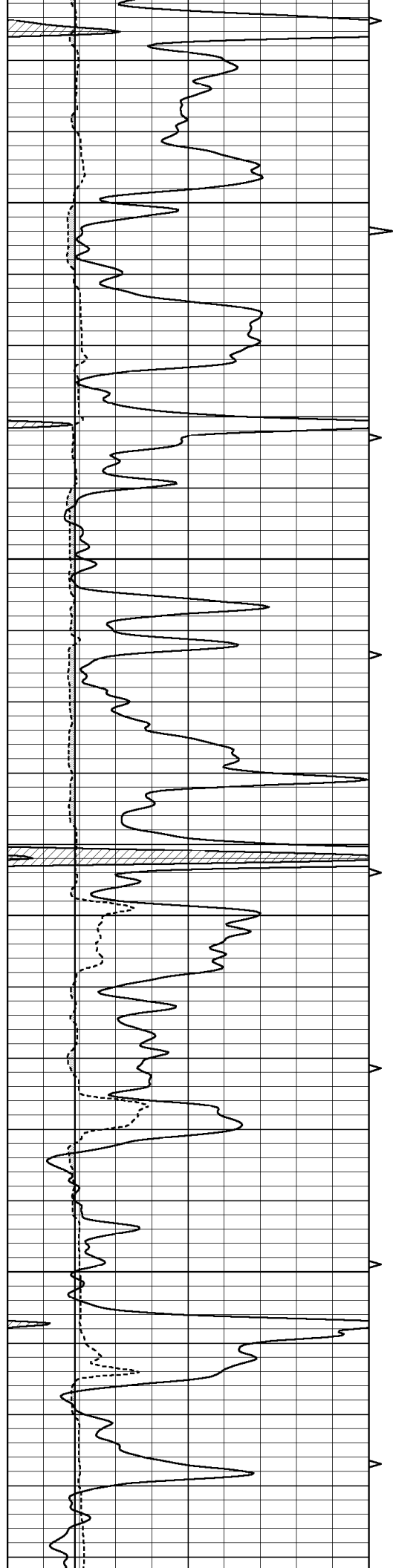










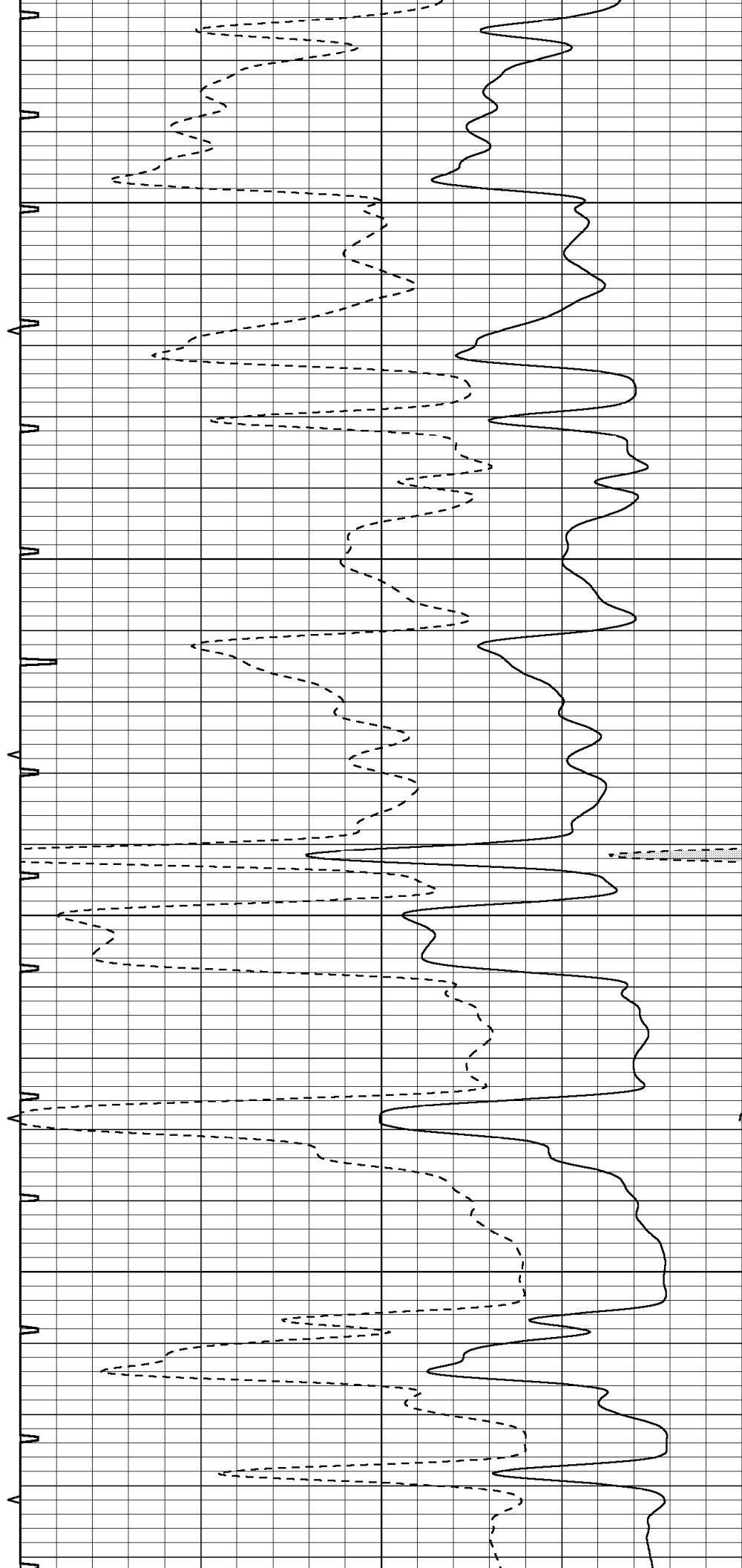


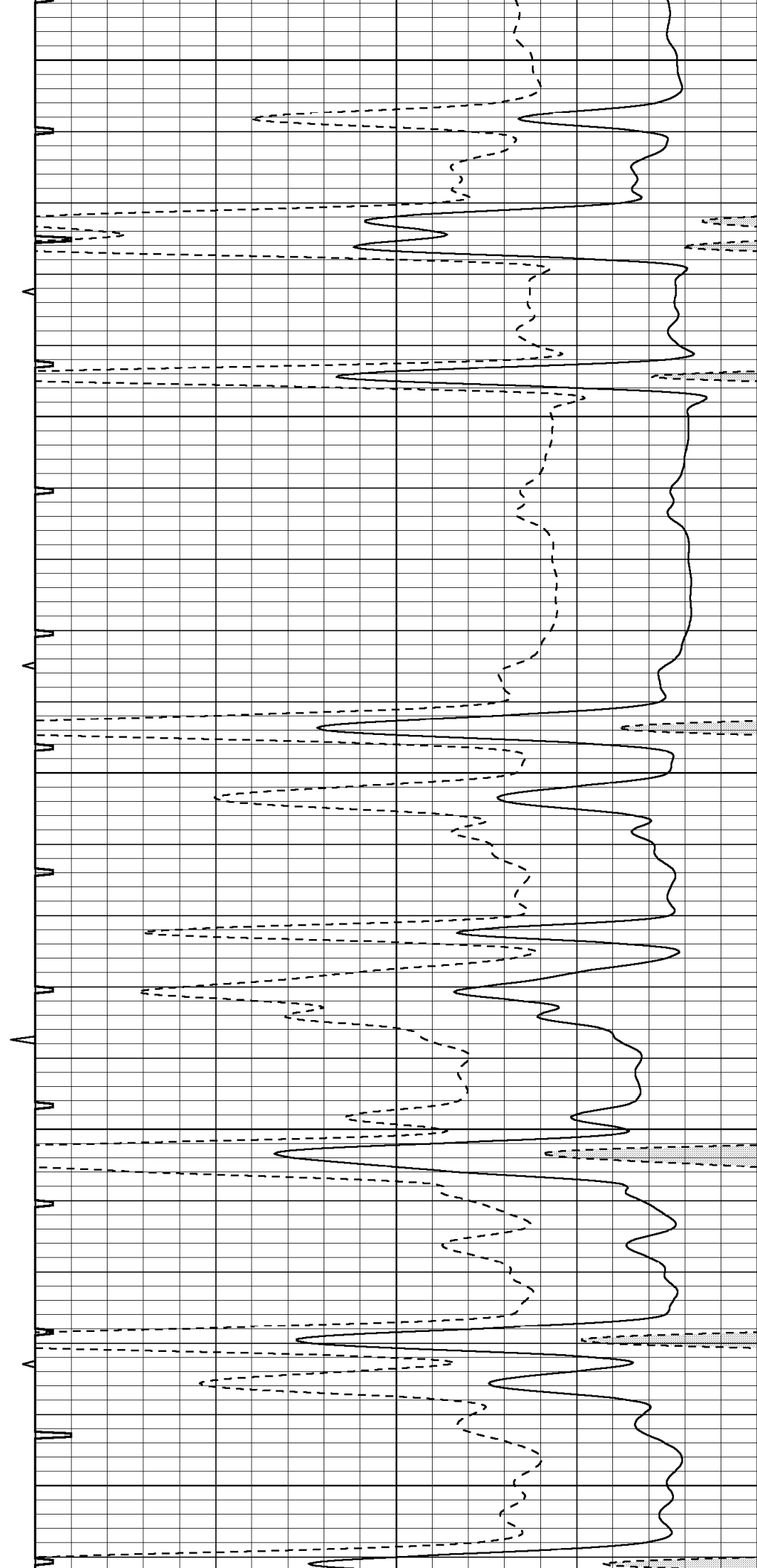
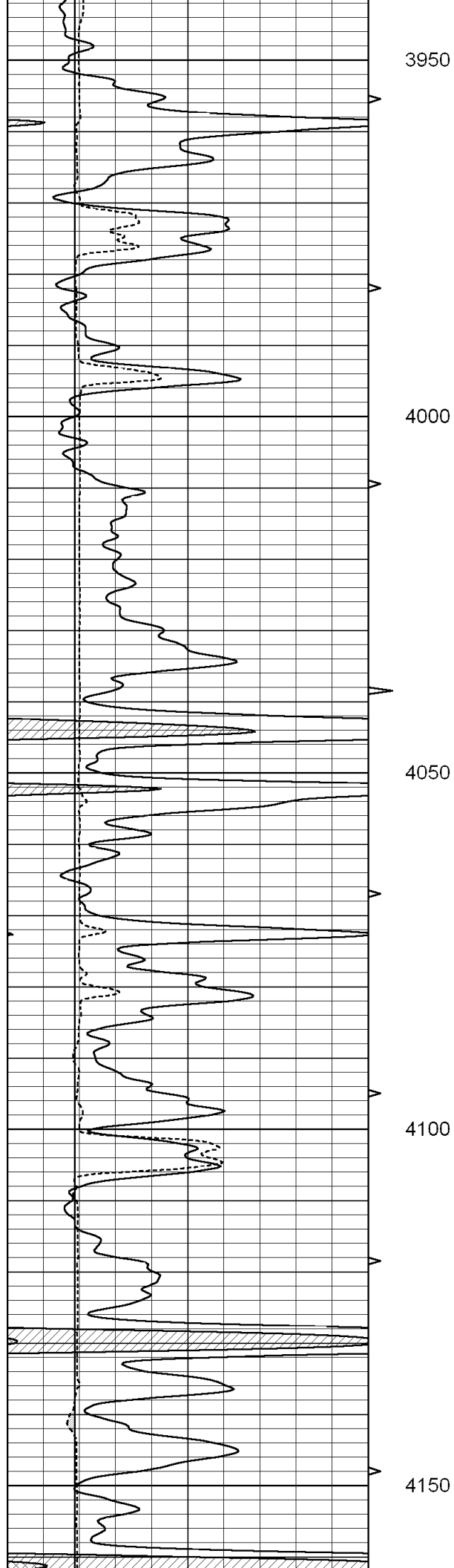
3750

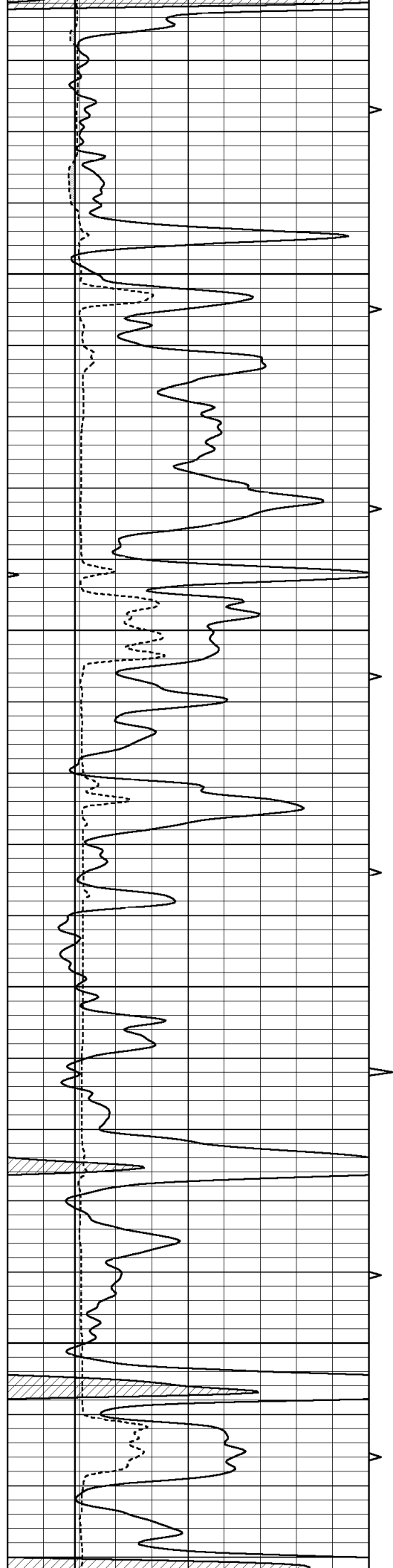
3800

3850

3900





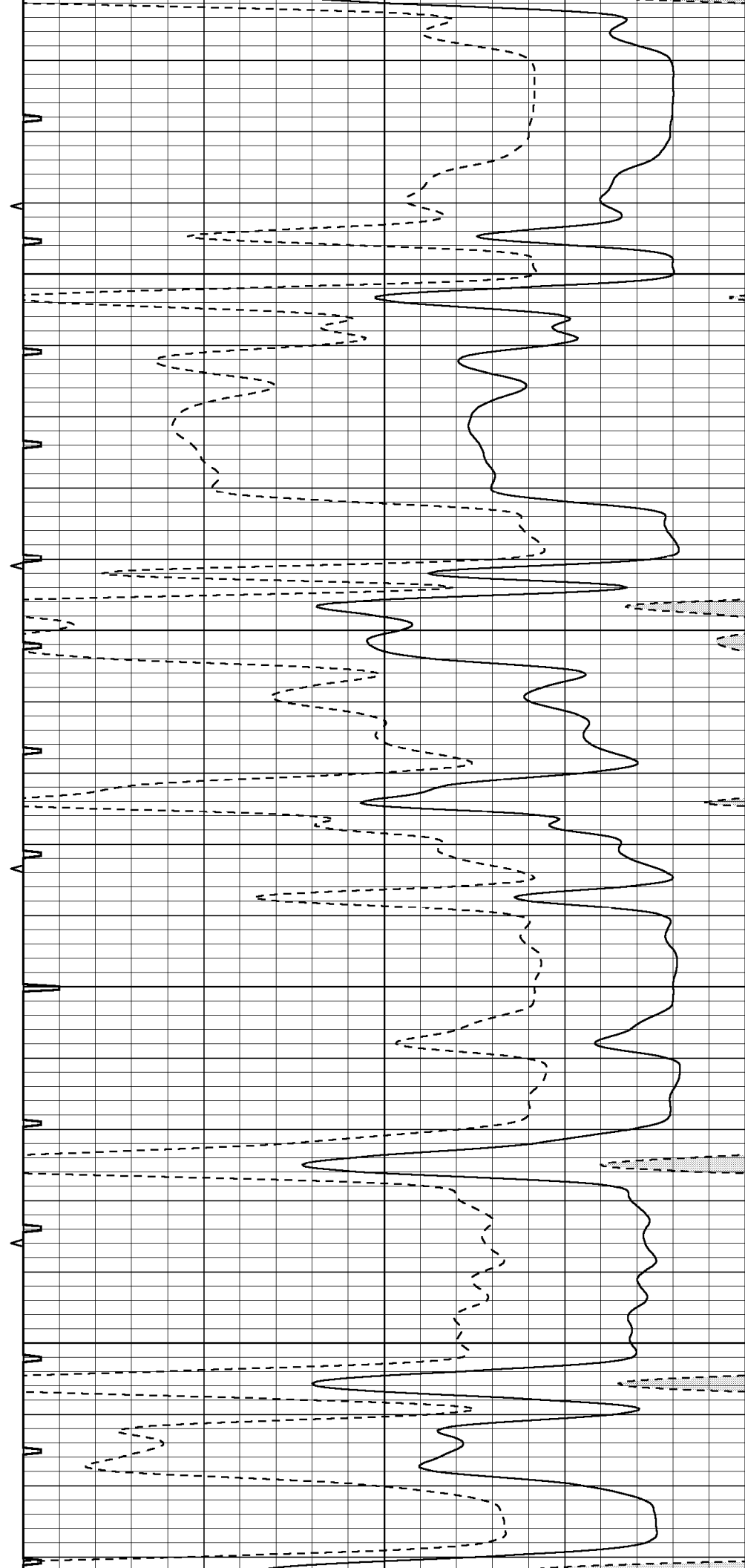


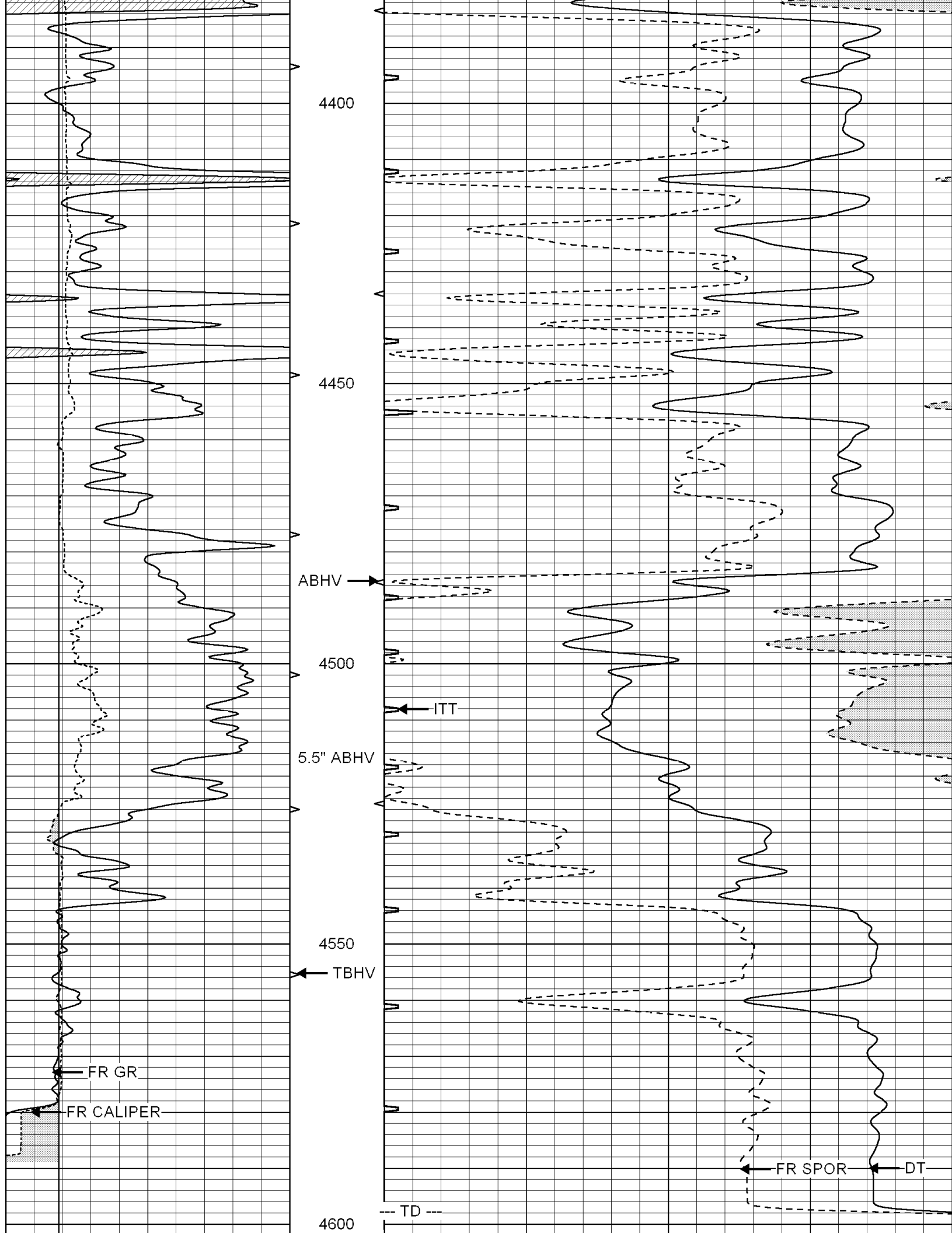
4200

4250

4300

4350





0	GAMMA RAY (GAPI)	150	ABHV	140	DELTA TIME (usec/ft)	40
6	CALIPER (in)	16	10 (ft3) 0	30	SONIC POROSITY (pu)	-10
			TBHV	0	ITT (msec)	20
			0 (ft3) 10			



SUPERIOR
Hays,
Kansas

REPEAT SECTION

Database File: 000715ddn.db
Dataset Pathname: pass4.1
Presentation Format: slt
Dataset Creation: Sat Aug 08 04:56:11 2009 by Calc Open-Cased 051020
Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	140	DELTA TIME (usec/ft)	40
6	CALIPER (in)	16	10 (ft3) 0	30	SONIC POROSITY (pu)	-10
			TBHV	0	ITT (msec)	20
			0 (ft3) 10			

