

SONIC LOG

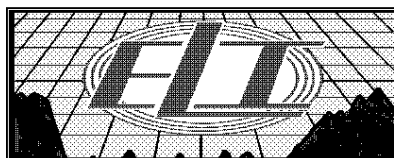
Company	MULL DRILLING COMPANY, INC.
Well	#2-10 BOUZIDEN UNIT
Field	BIG BEAR CREEK
County	CLARK
State	KANSAS
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Field	BIG BEAR CREEK
County	CLARK
State	KANSAS
Location:	AP1 #: 15-025-21604-0000 702' FNL & 385' FEL NW - SE - NE - NE
Permanent Datum	GROUND LEVEL
Log Measured From	KELLY BUSHING 12' A.G.L.
Drilling Measured From	KELLY BUSHING
SEC 10 TWP 32S RGE 23W	Elevation K.B. 2178 D.F. 2176 G.L. 2166
Date	11/30/18
Run Number	TWO
Depth Driller	5400
Depth Logger	5402
Bottom Logged Interval	5394
Top Log Interval	600
Casing Driller	8 5/8"@648'
Casing Logger	648
Bit Size	7 7/8"
Type Fluid in Hole	CHEMICAL MUD
Density / Viscosity	9.47/1
pH / Fluid Loss	10.0/10.8
Source of Sample	FLOWLINE
Rim @ Meas. Temp	.380@80F
Rmf @ Meas. Temp	.285@80F
Rmc @ Meas. Temp	.456@80F
Source of Rmf / Rmc	MEASUREMENT
Rim @ BHT	.236@129F
Time Circulation Stopped	5.5 HOURS
Time Logger on Bottom	1:45 P.M.
Maximum Recorded Temperature	129F
Equipment Number	922339
Location	HAYS, KANSAS
Recorded By	JEFF LUEBBERS
Witnessed By	KEVIN KESSLER

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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, KANSAS (785) 628-6395
DIRECTIONS
ASHLAND, KS., 1W. ON HWY 160 TO "RD. 16", 6N., 1E. INTO AT FENCELINE



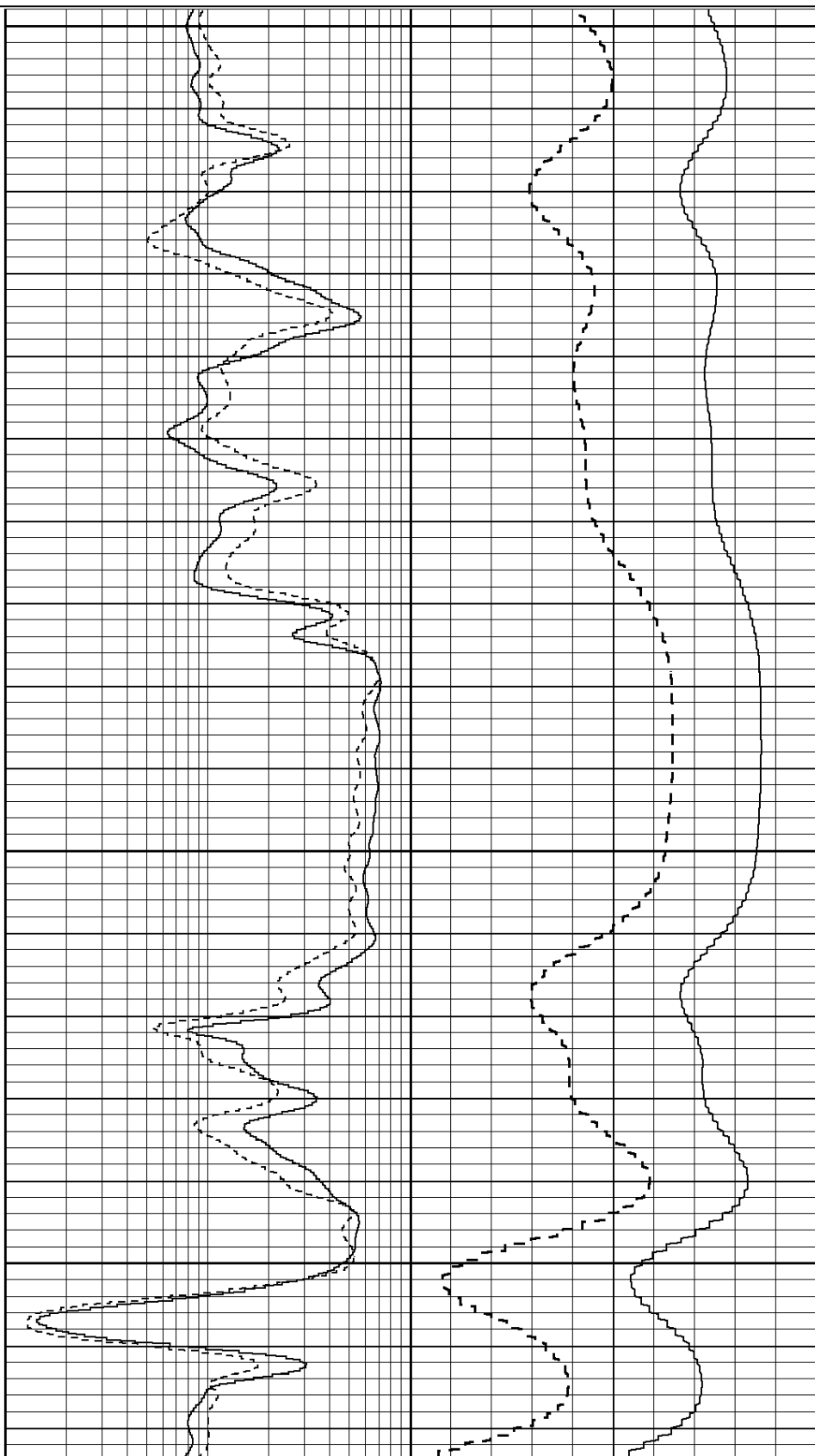
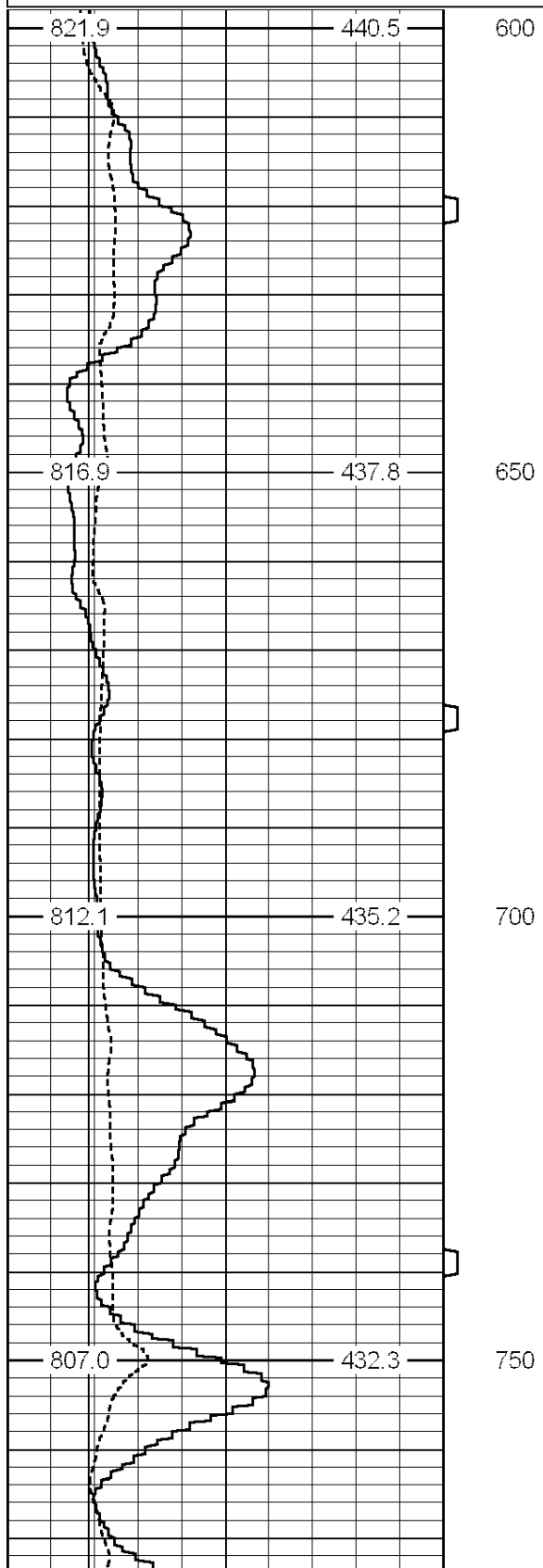
MAIN SECTION

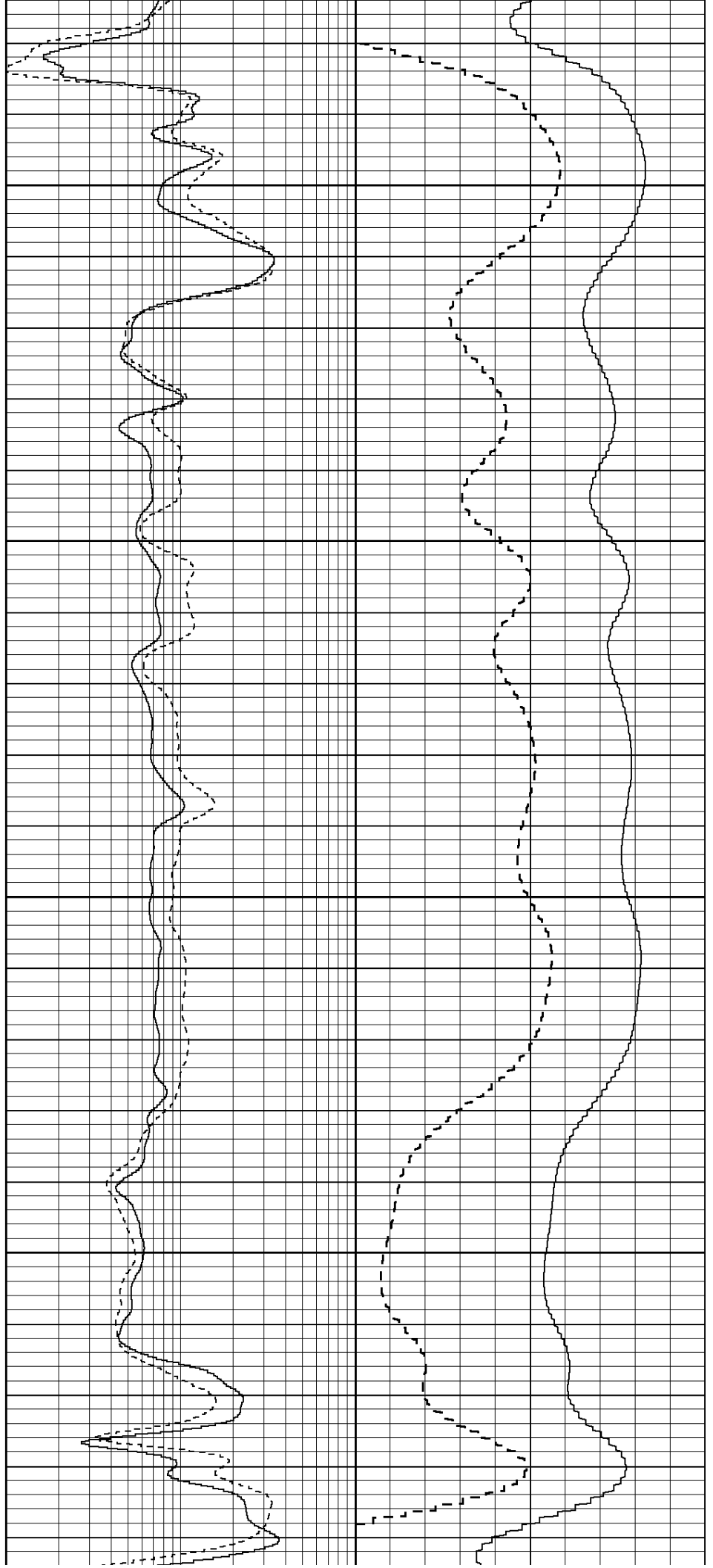
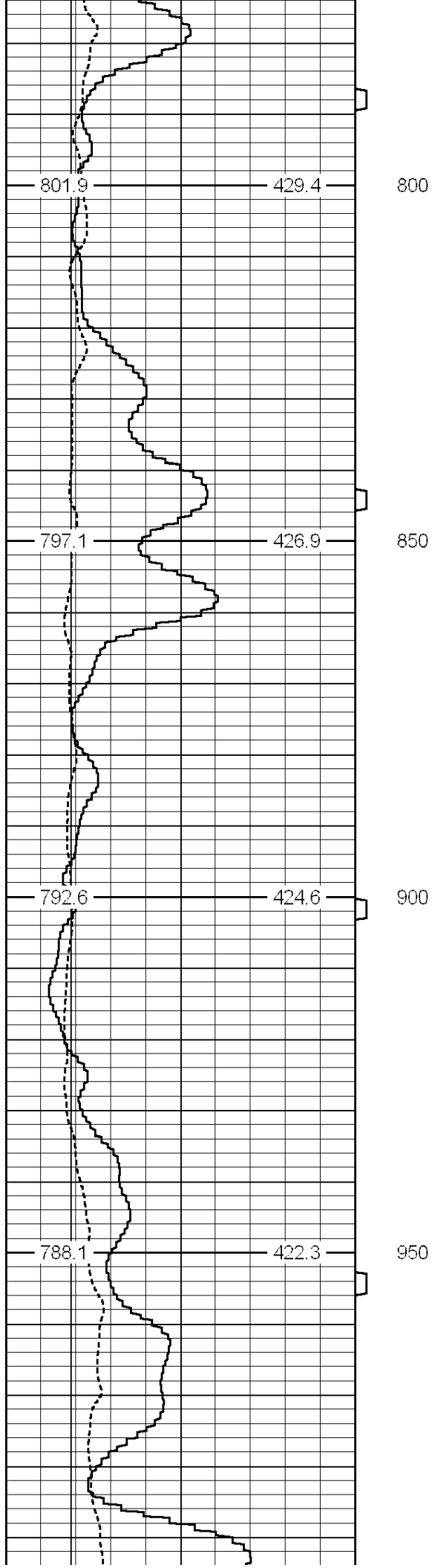
Database File: 3064pe.db
Dataset Pathname: pass6.5
Presentation Format: openhole
Dataset Creation: Fri Nov 30 15:35:29 2018
Charted by: Depth in Feet scaled 1:240

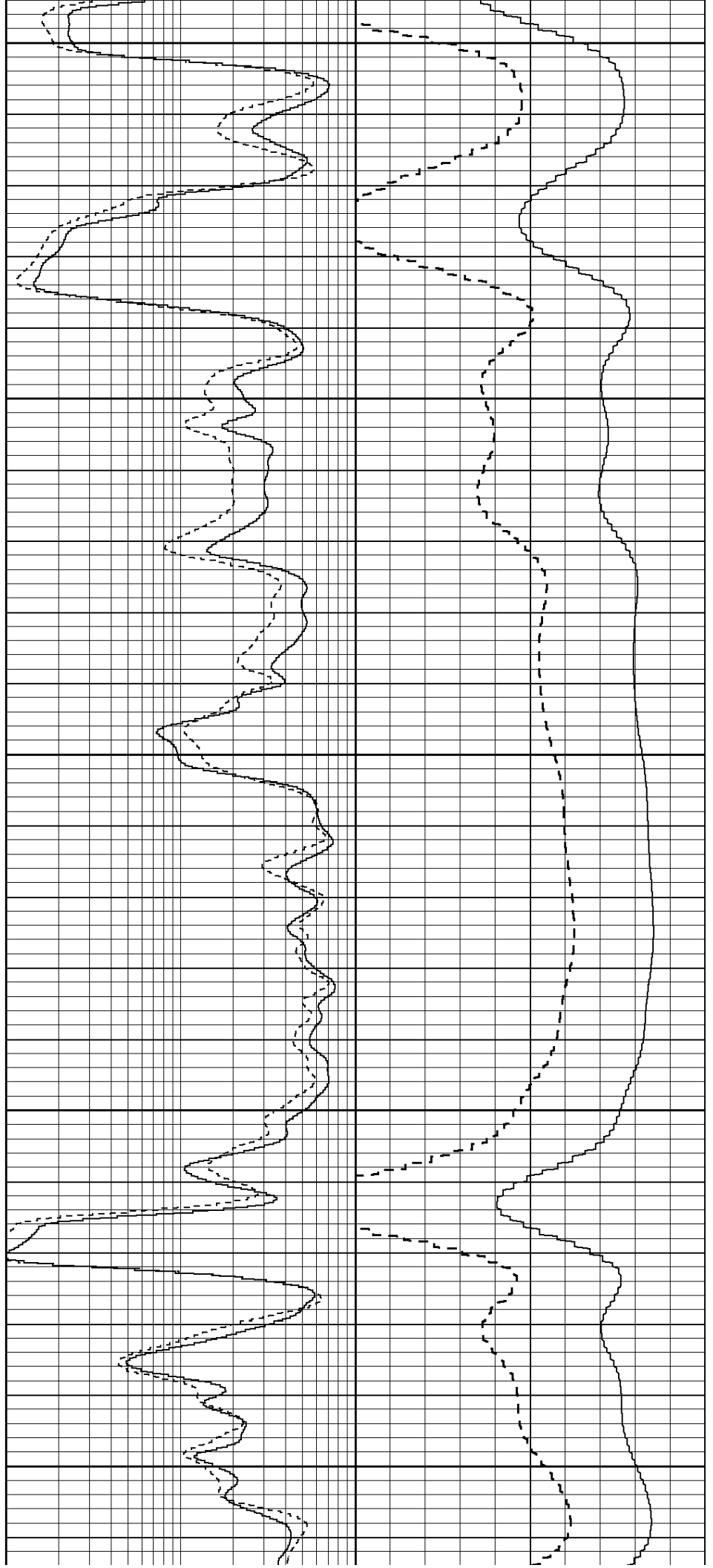
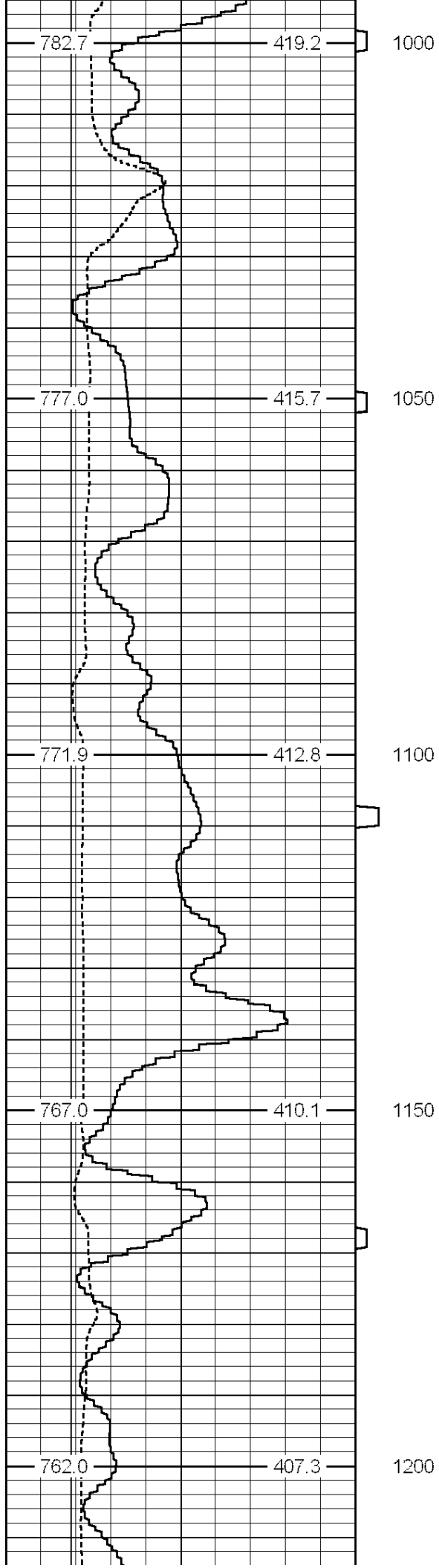
0	Gamma Ray (GAPI)	150
6	MELCAL (in)	16

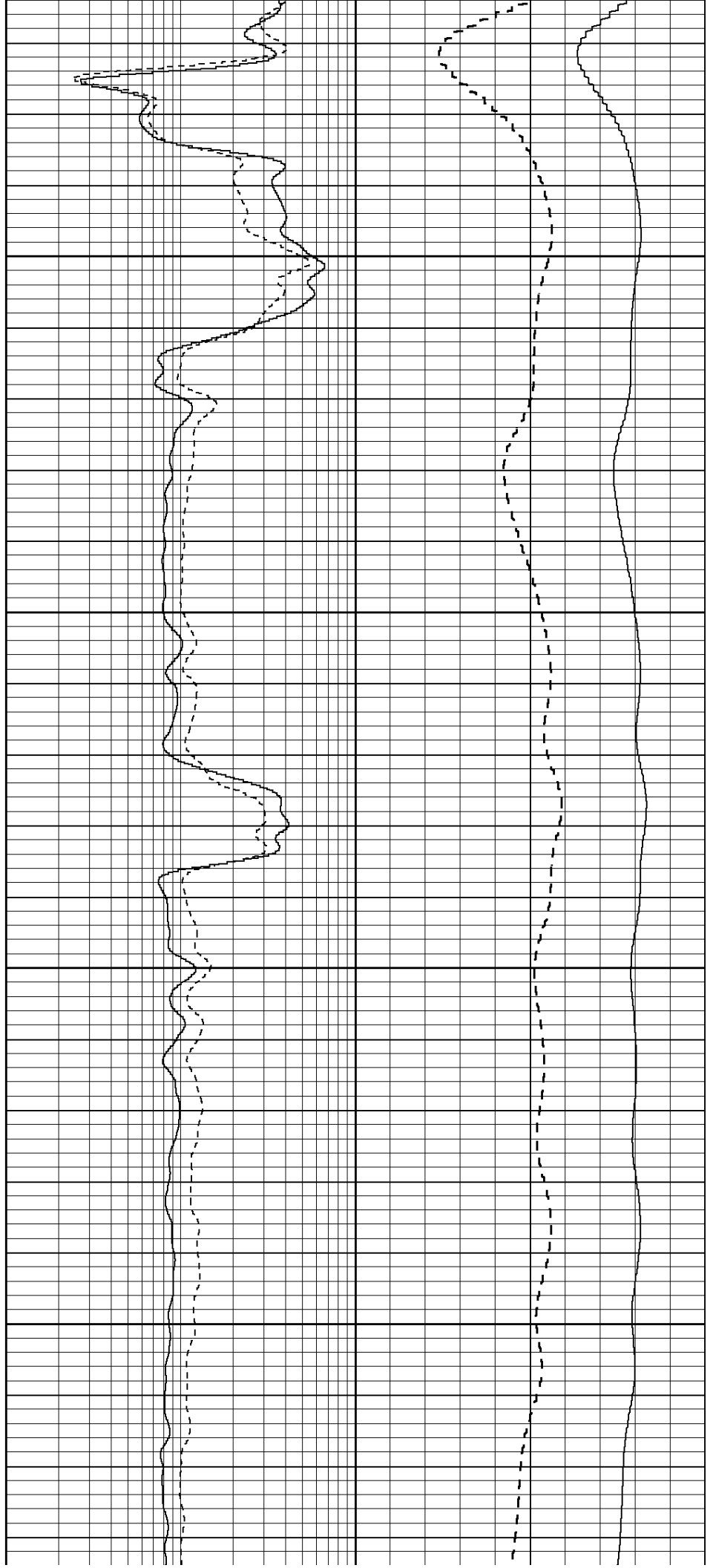
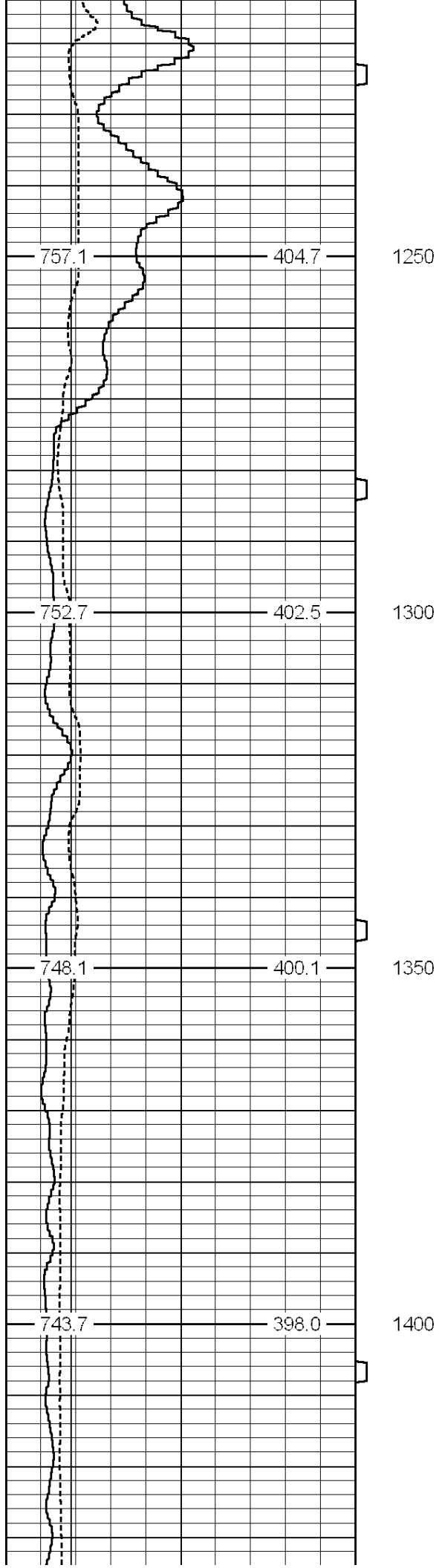
TBHV (ft3)		ABHV (ft3)

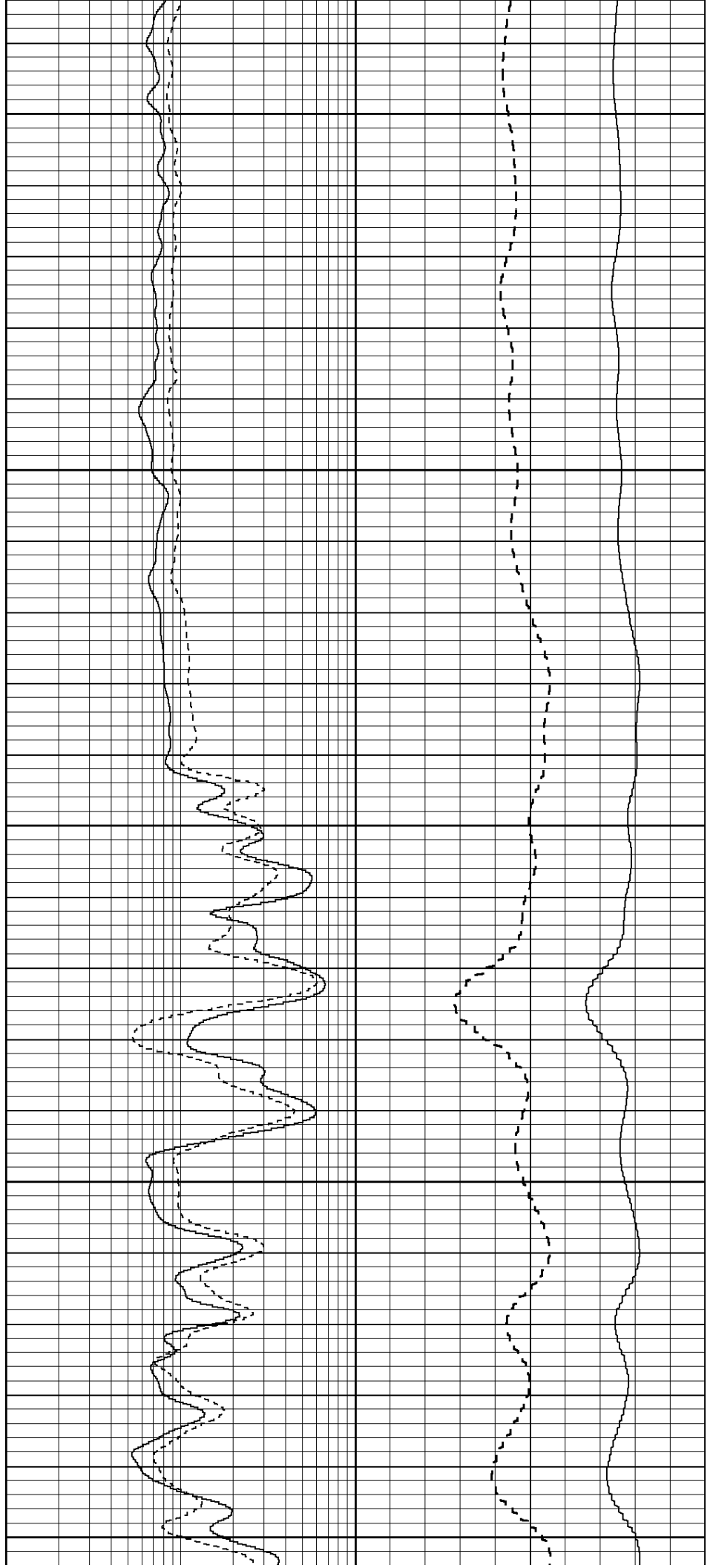
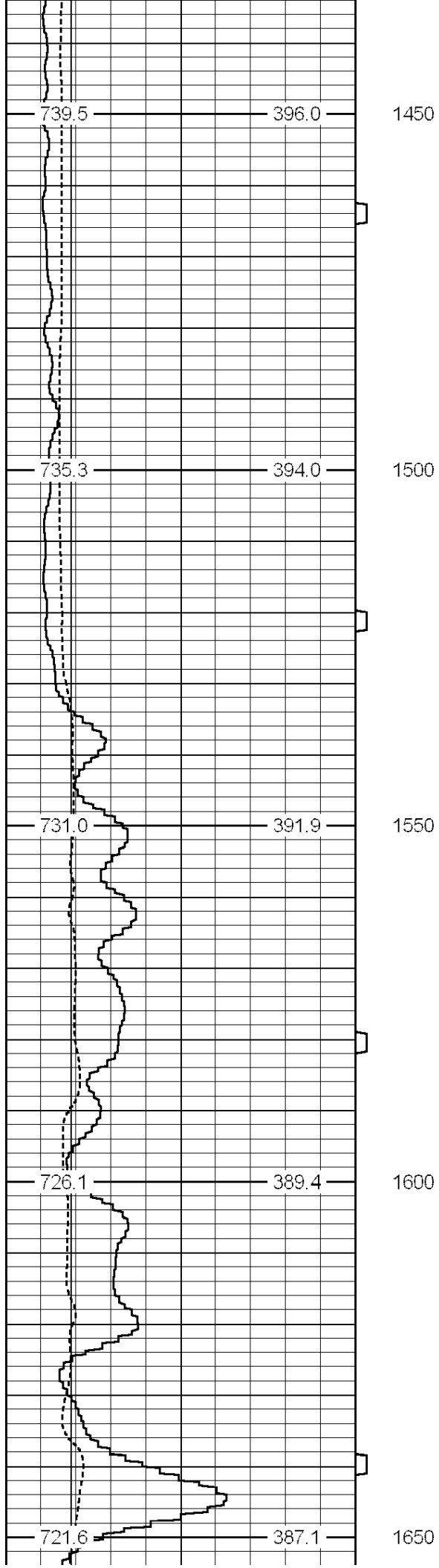
1	MEL15 (Ohm-m)	100	30	Sonic Porosity (pu)	-10
1	MEL20 (Ohm-m)	100	140	DT (usec/ft)	40

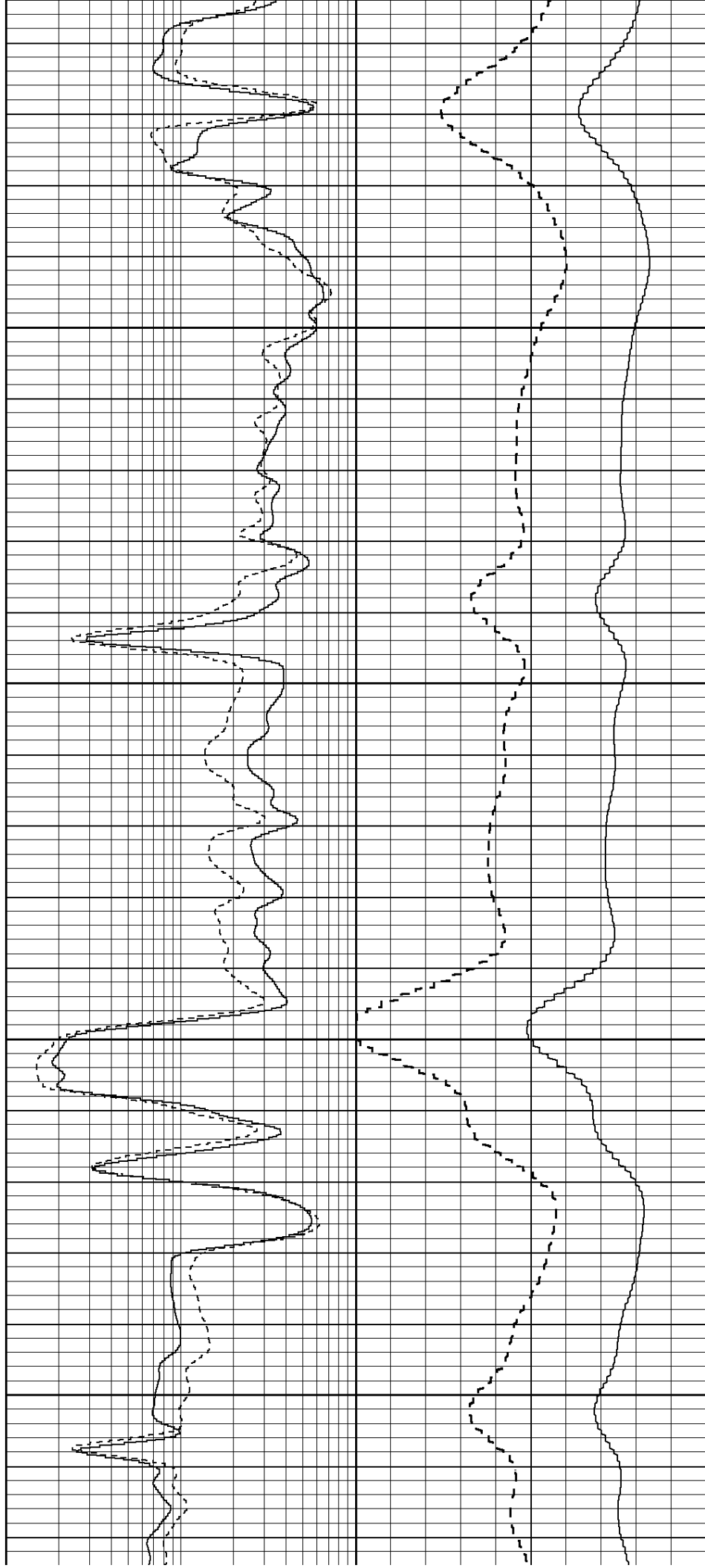
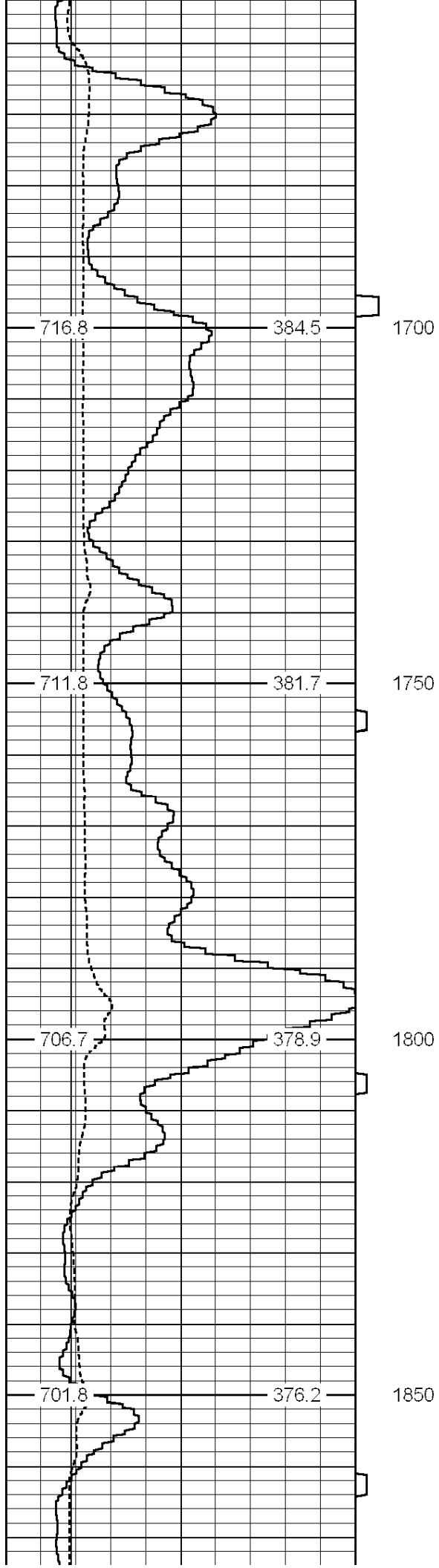


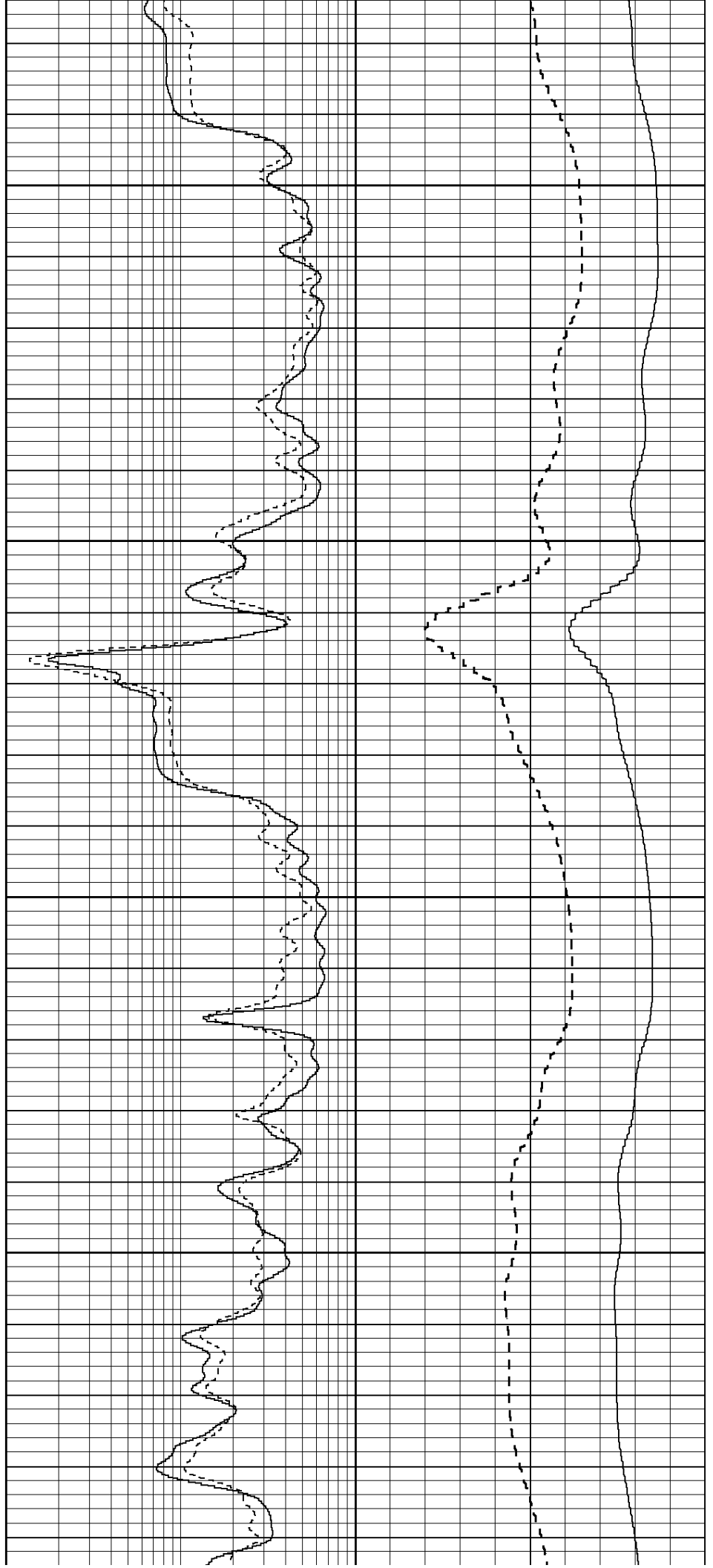
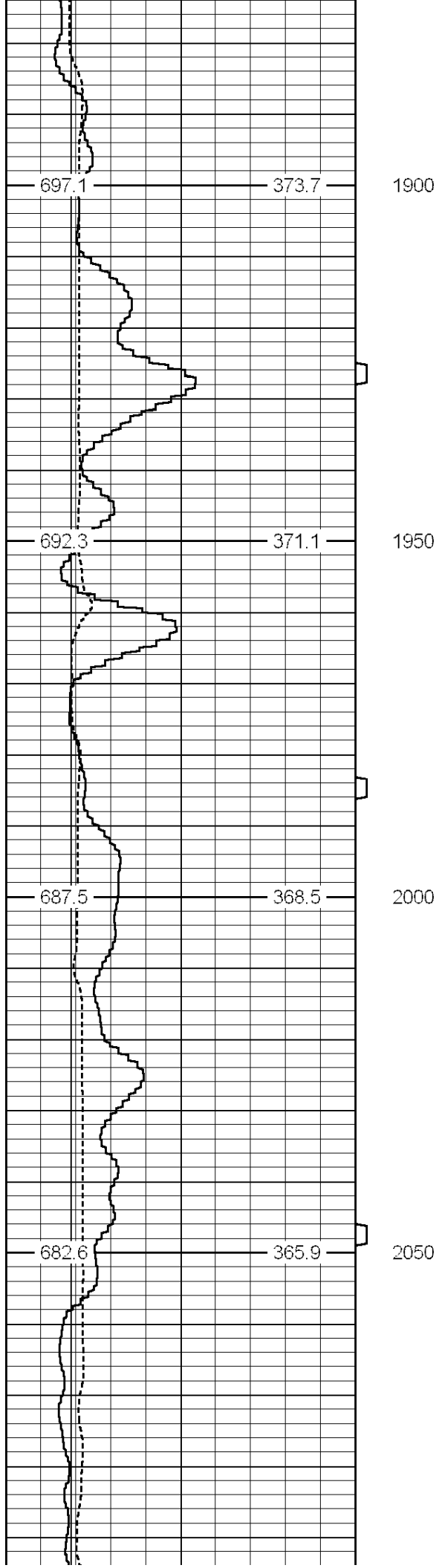


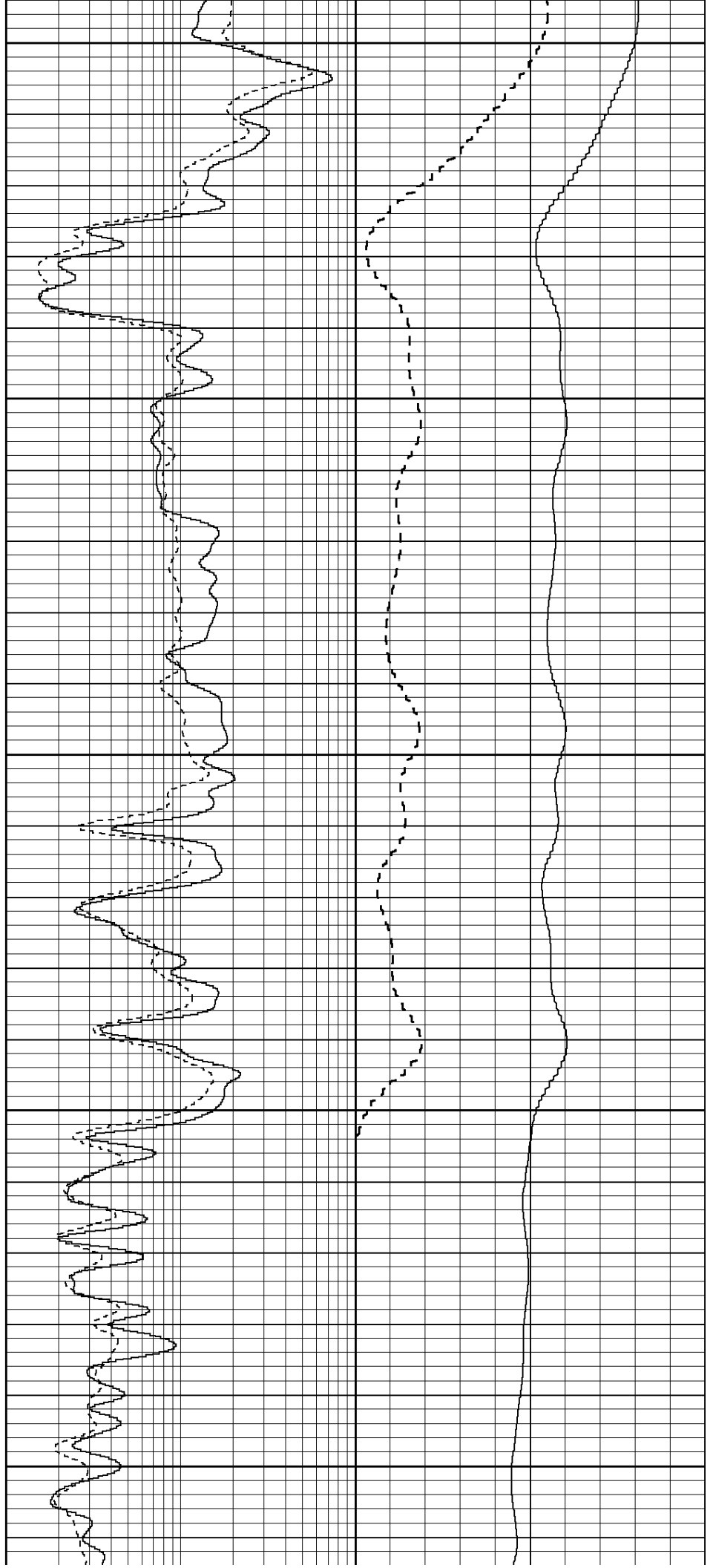
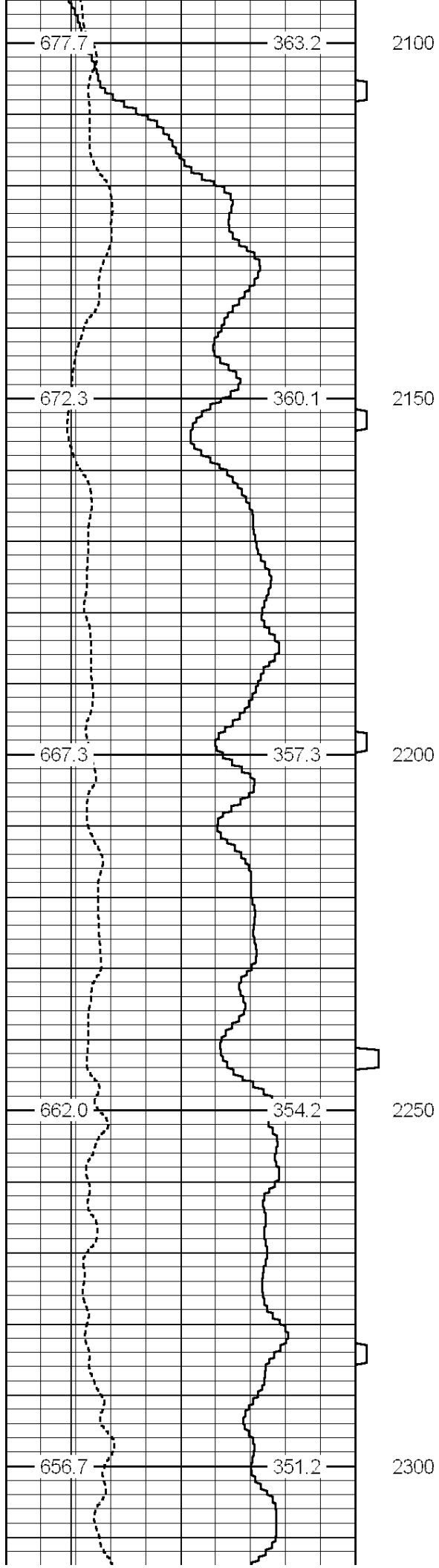


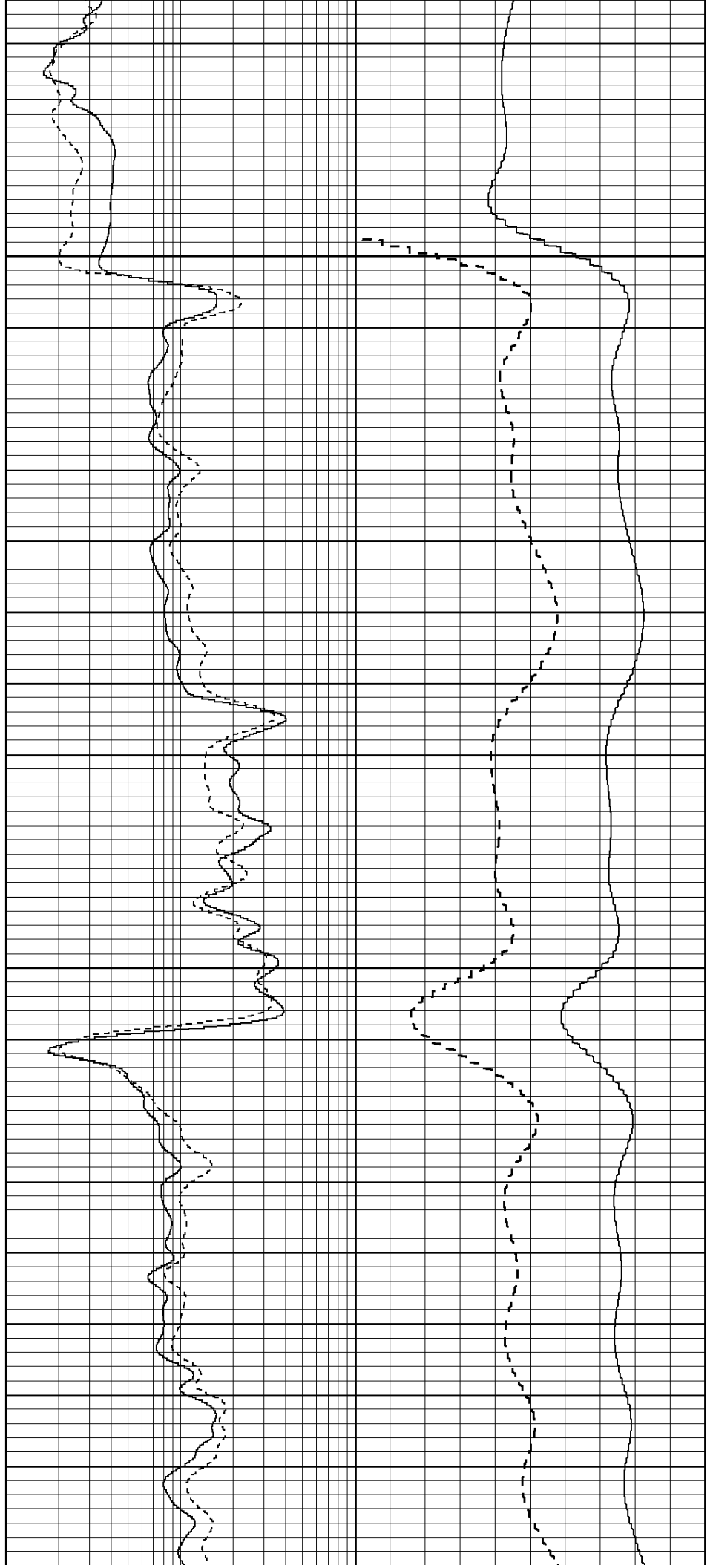
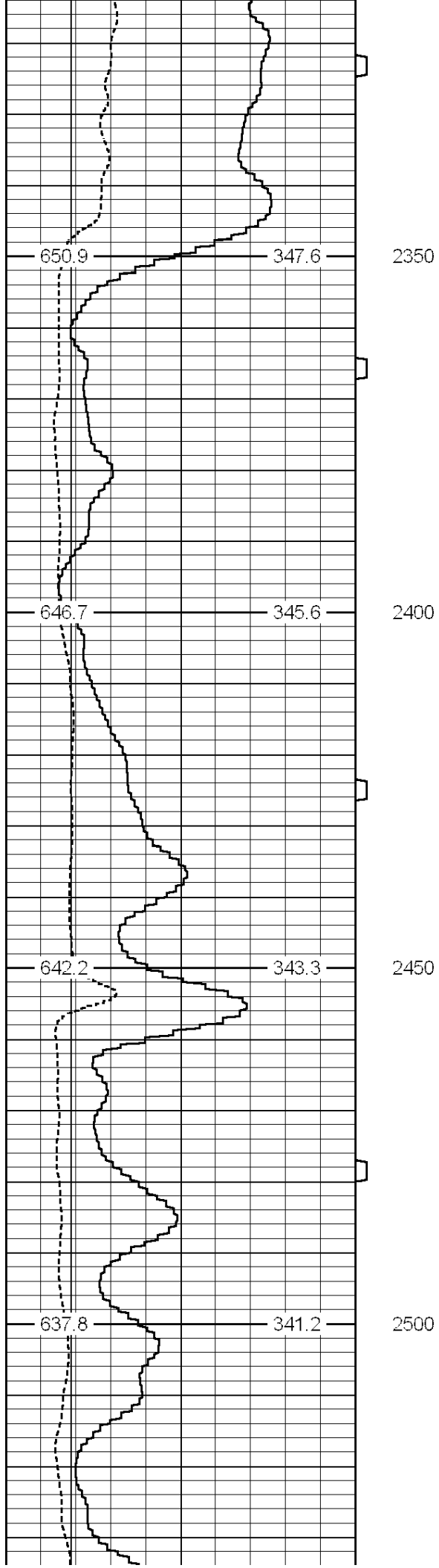


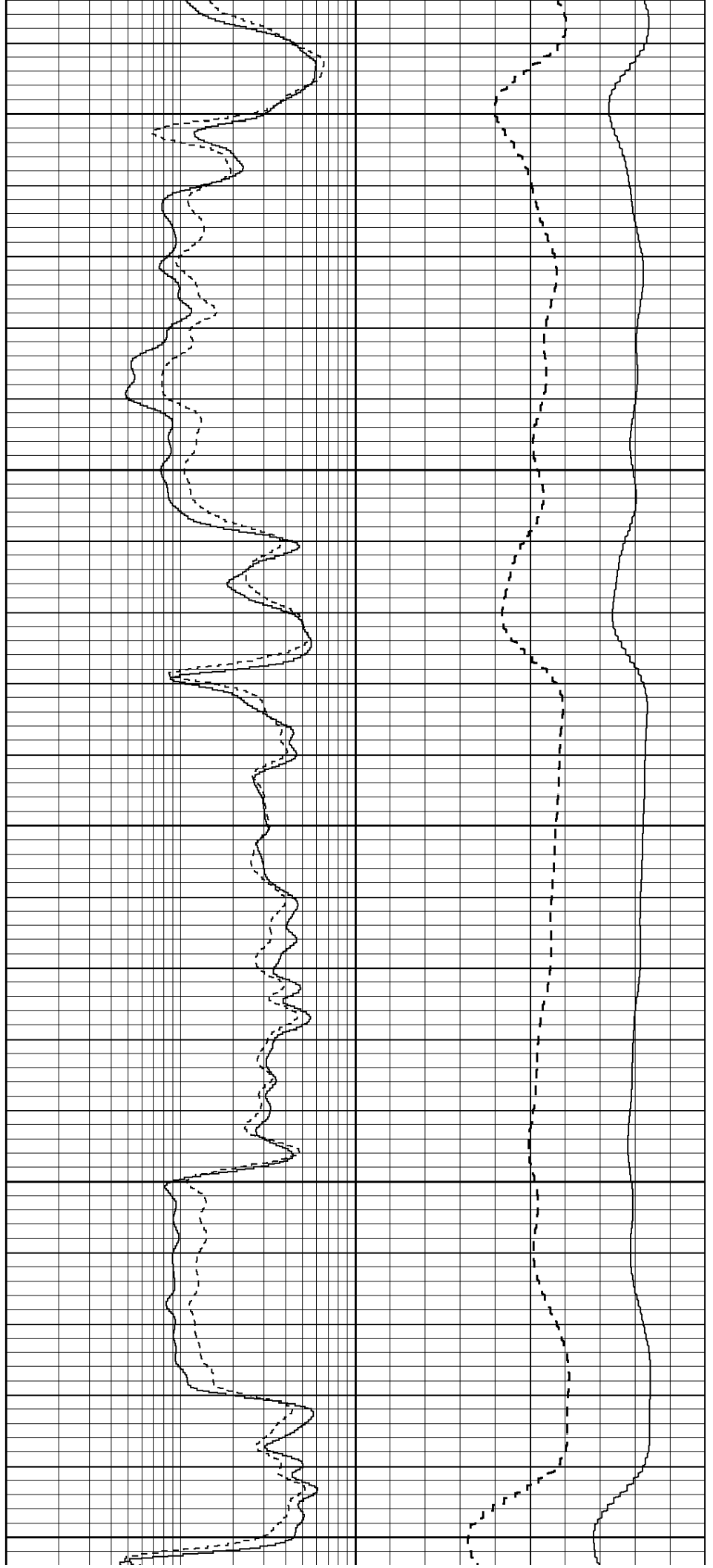
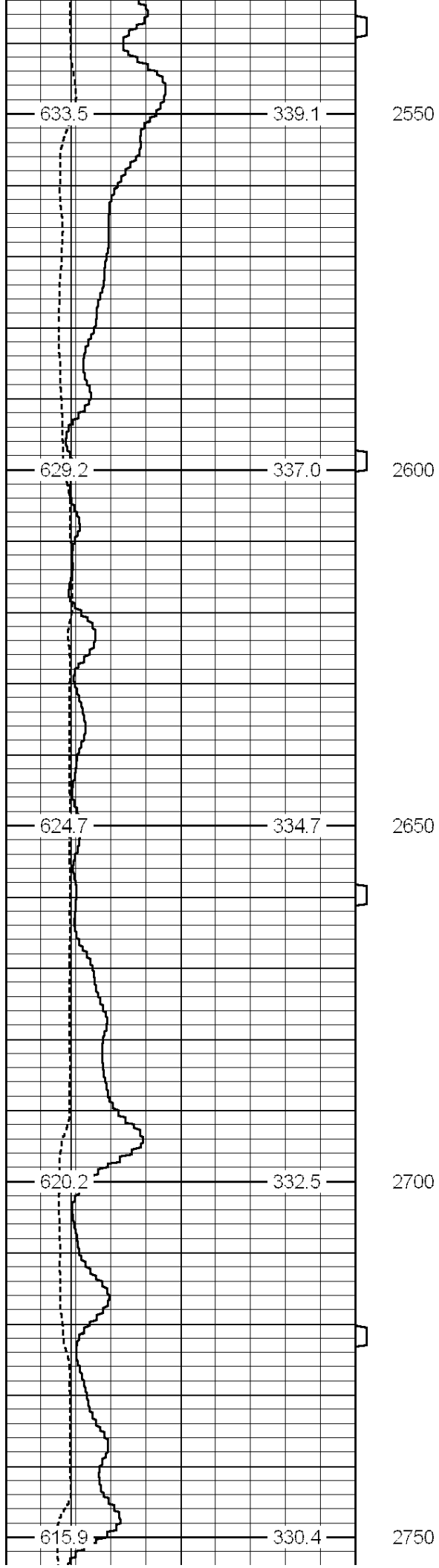


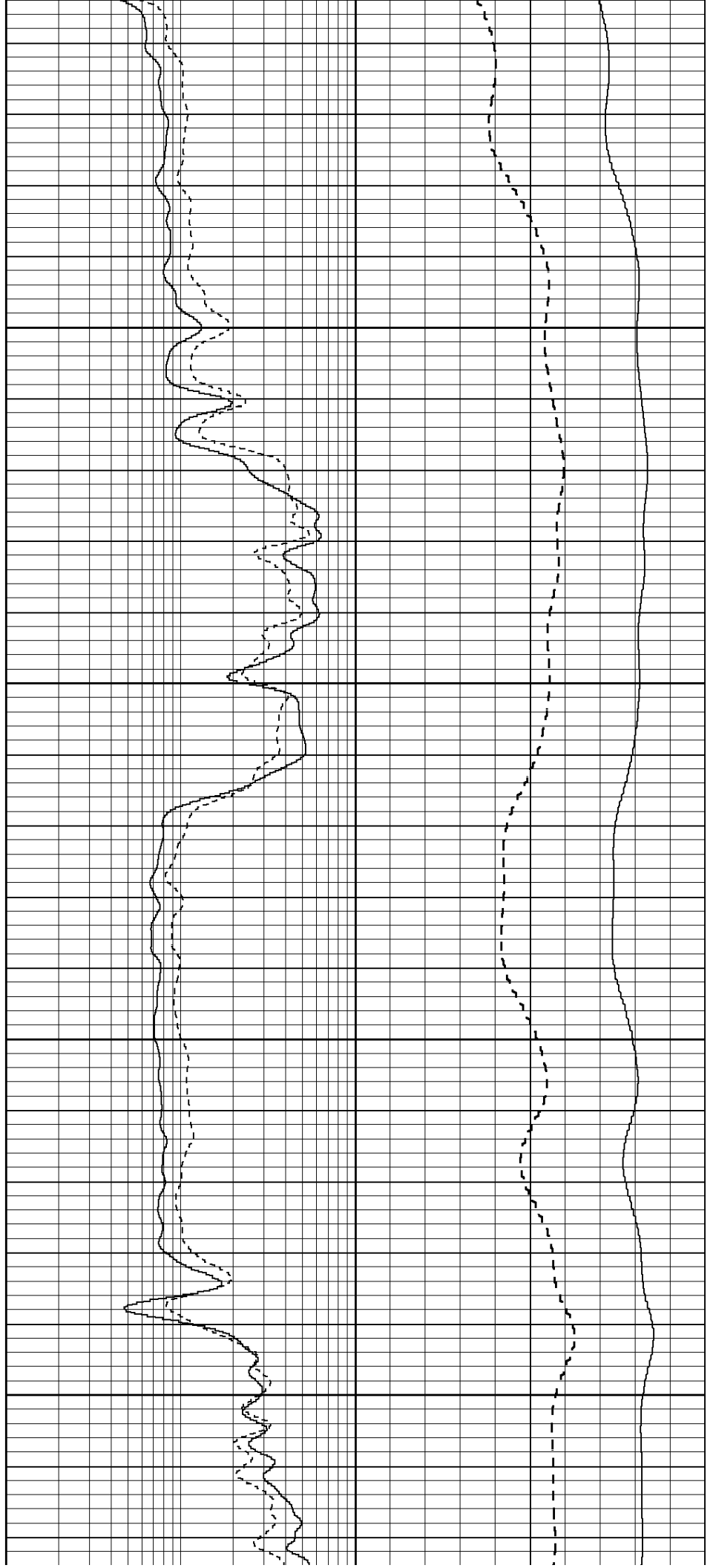
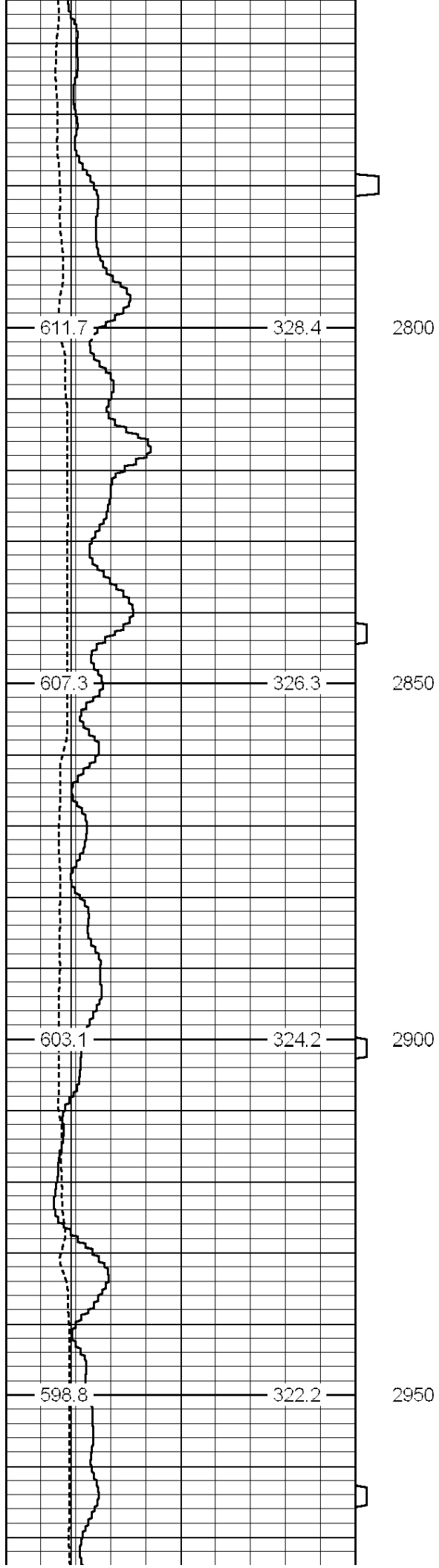


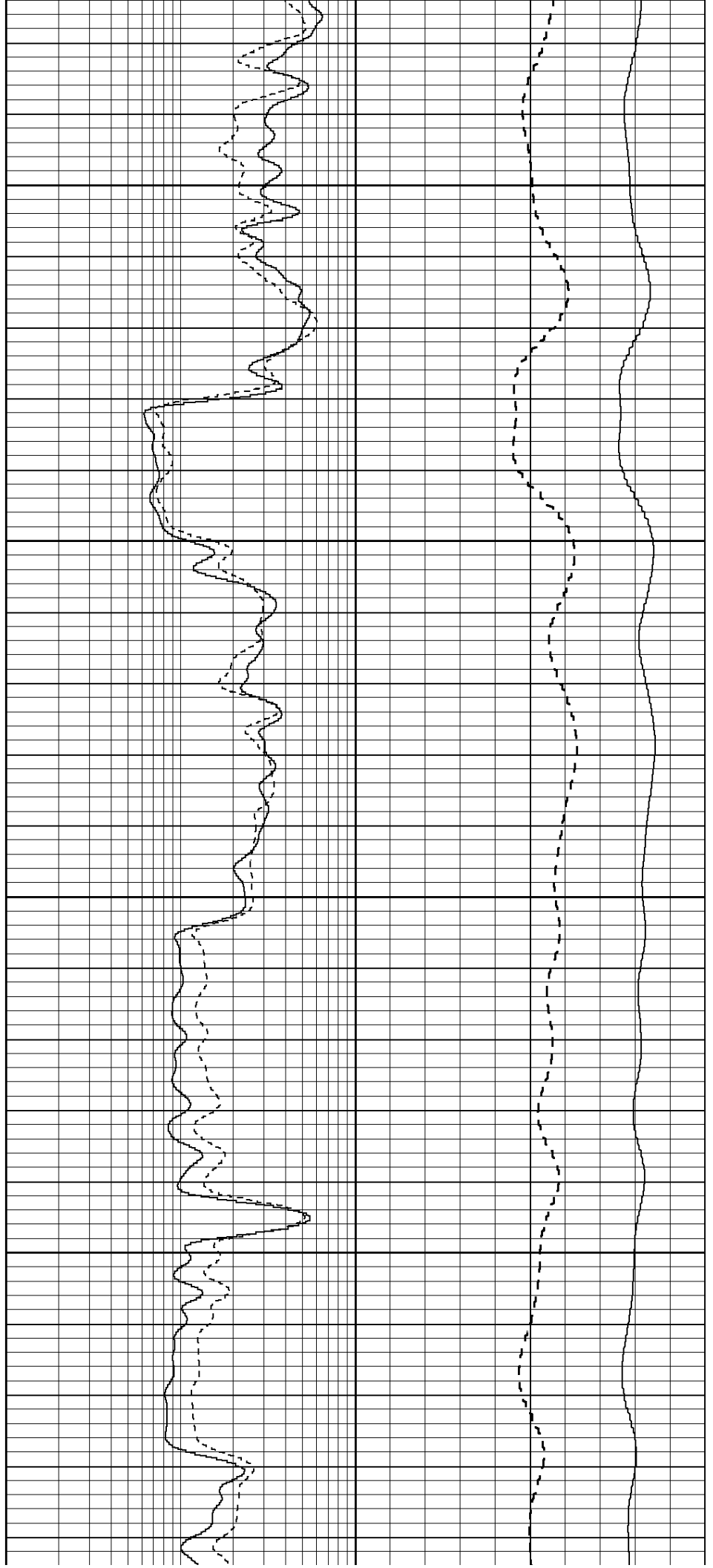
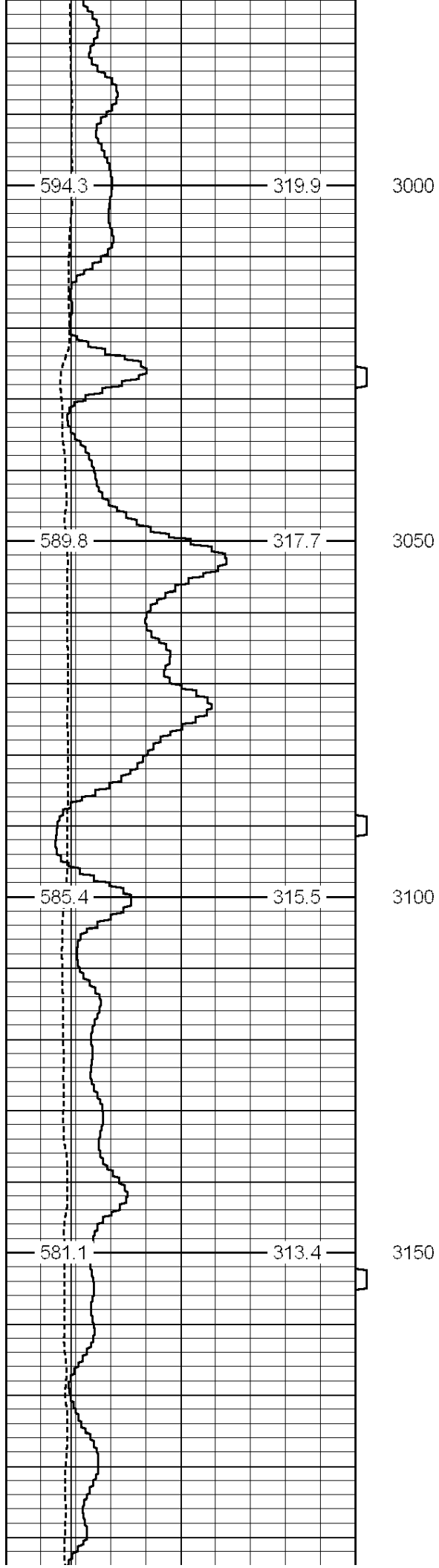


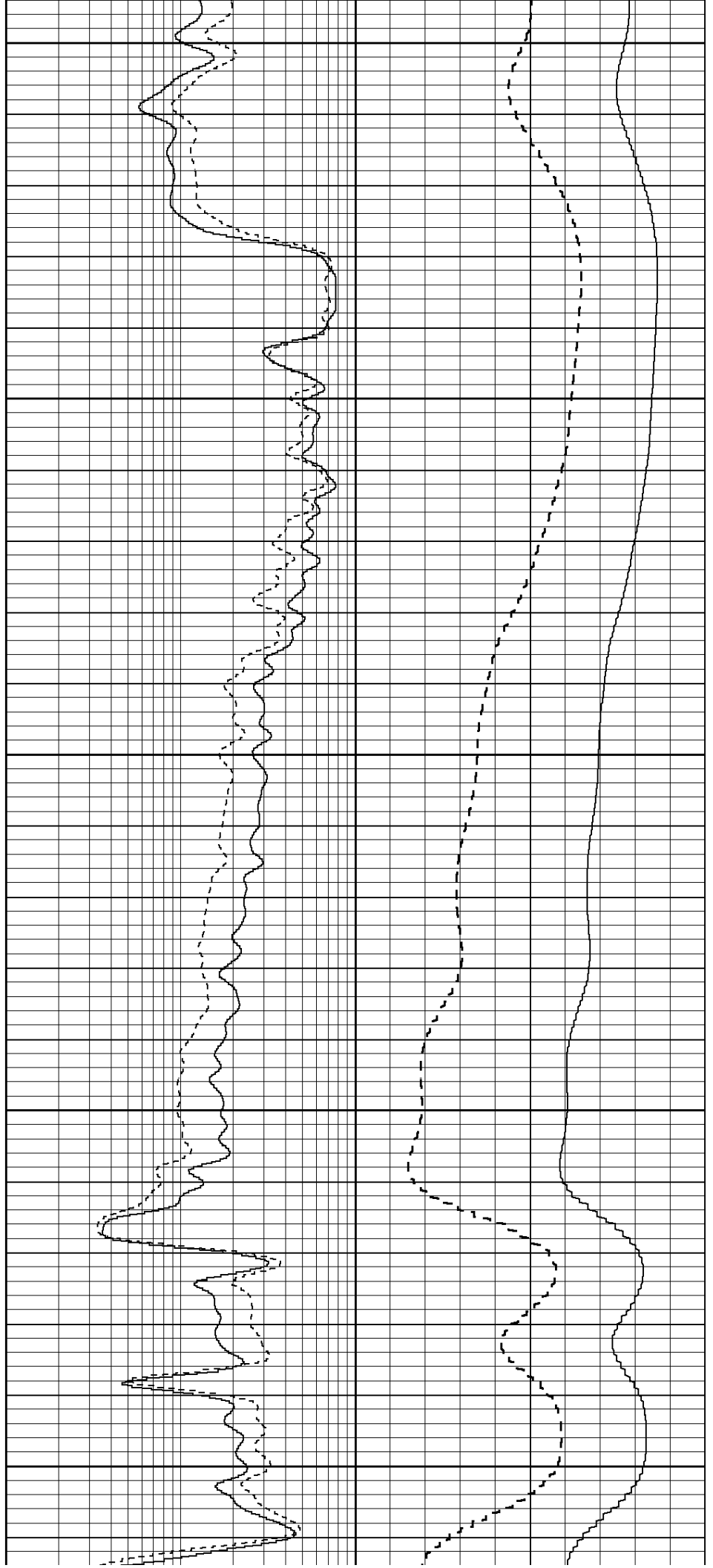
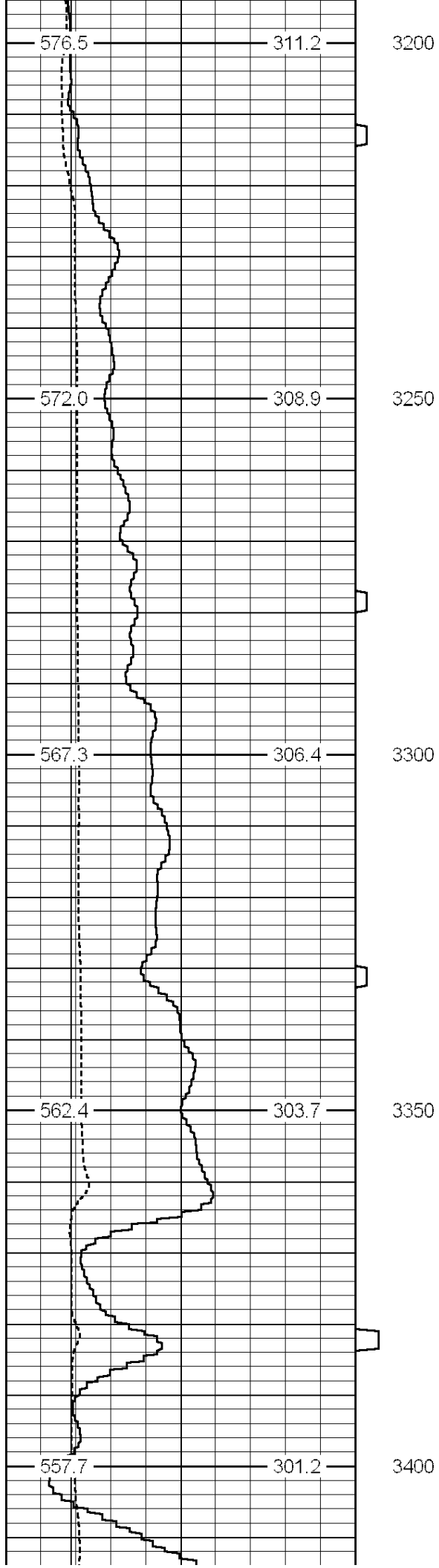


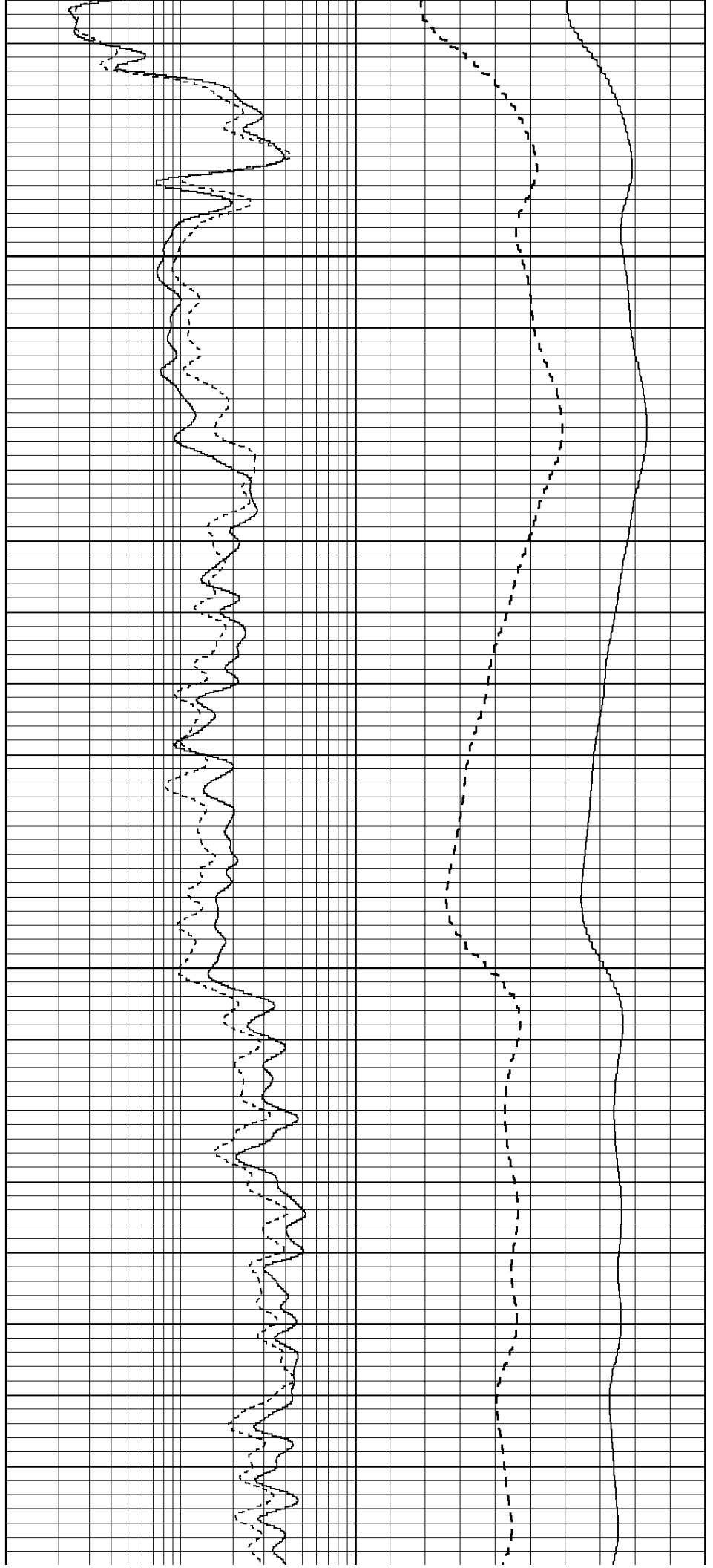
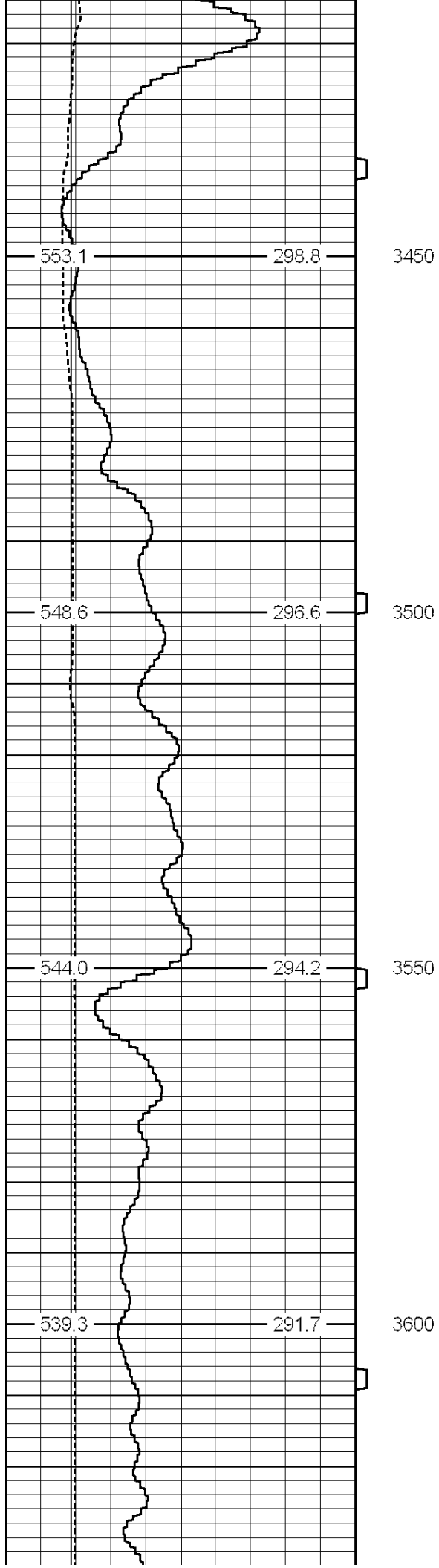


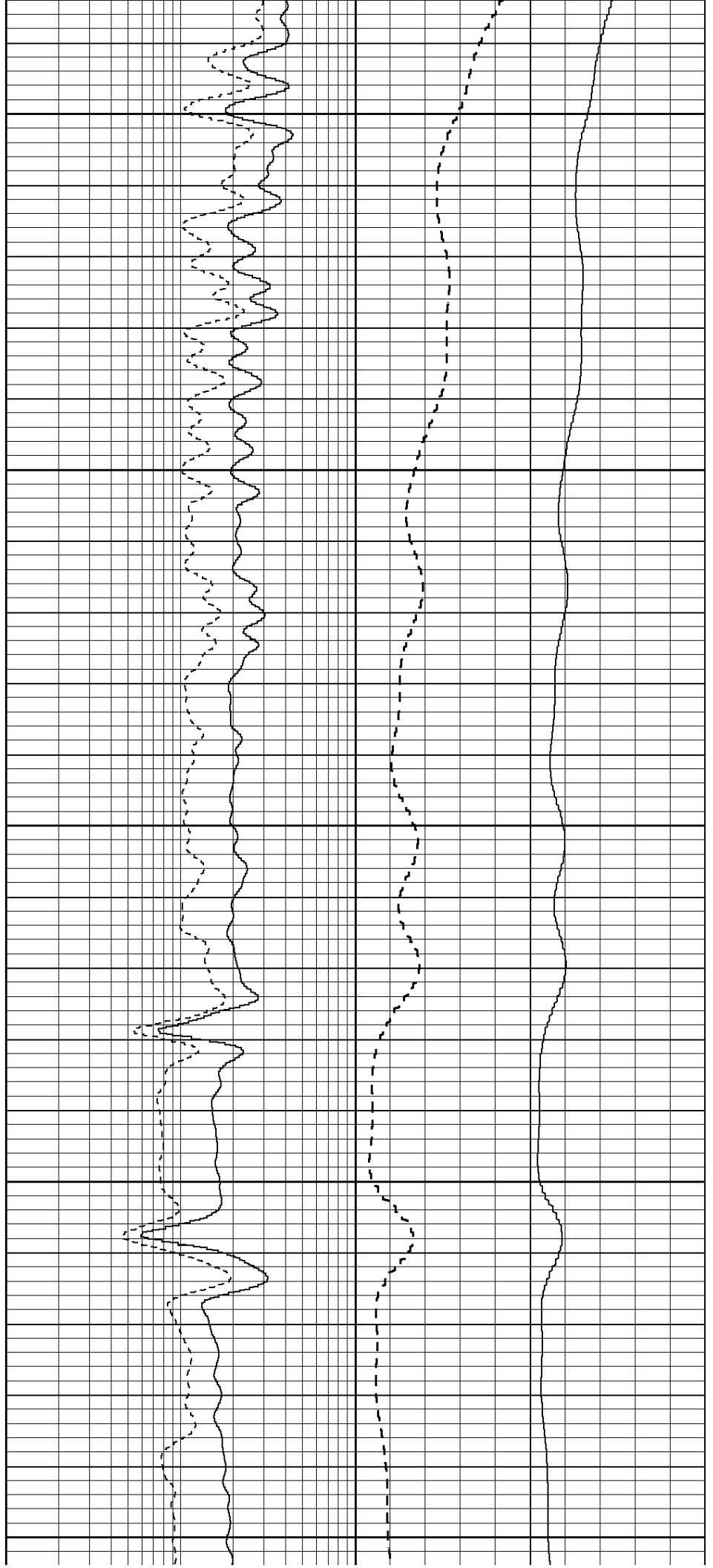
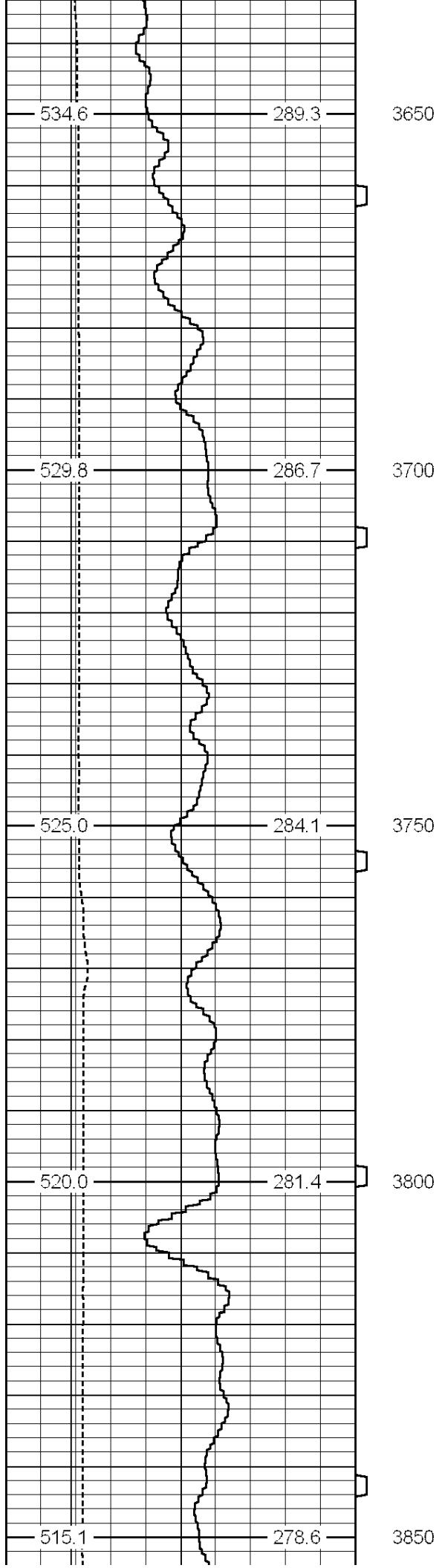


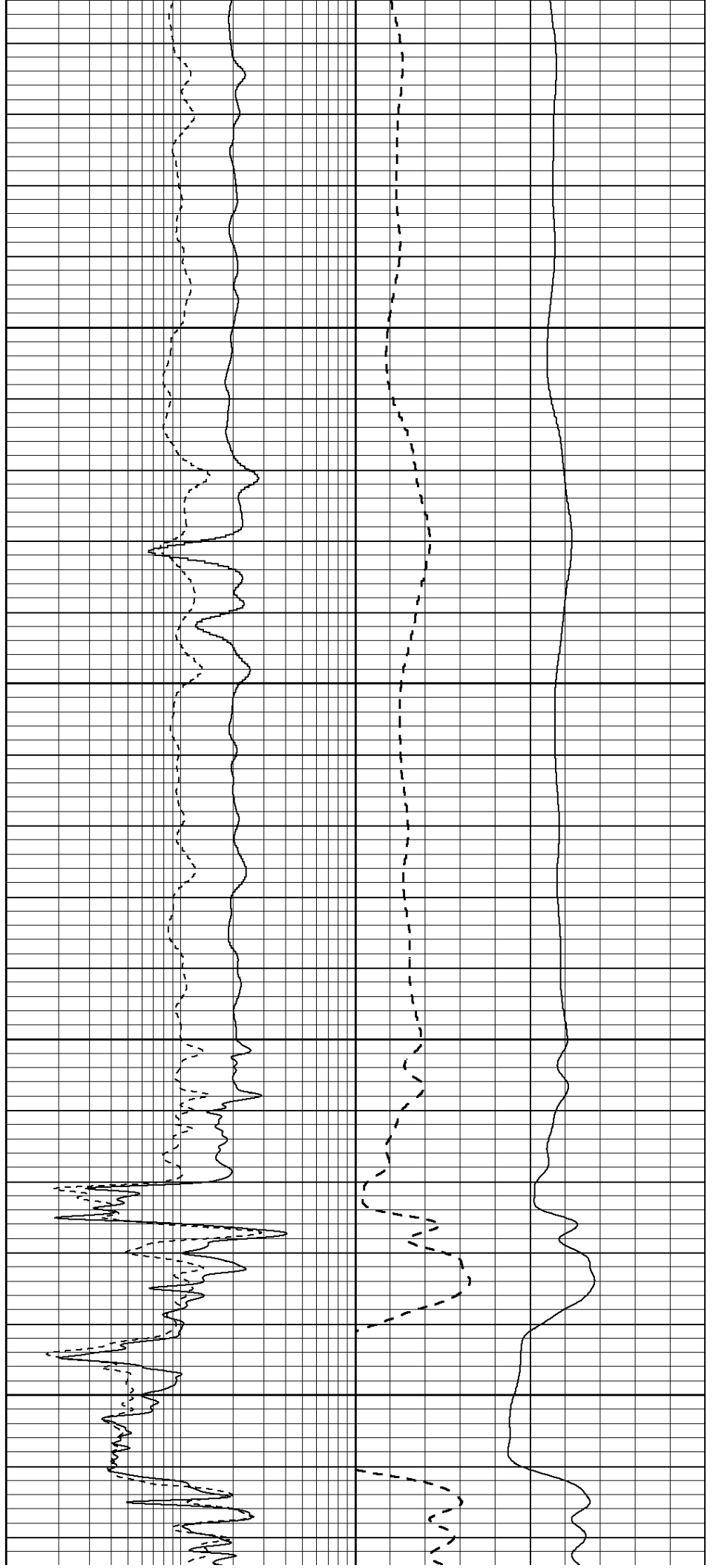
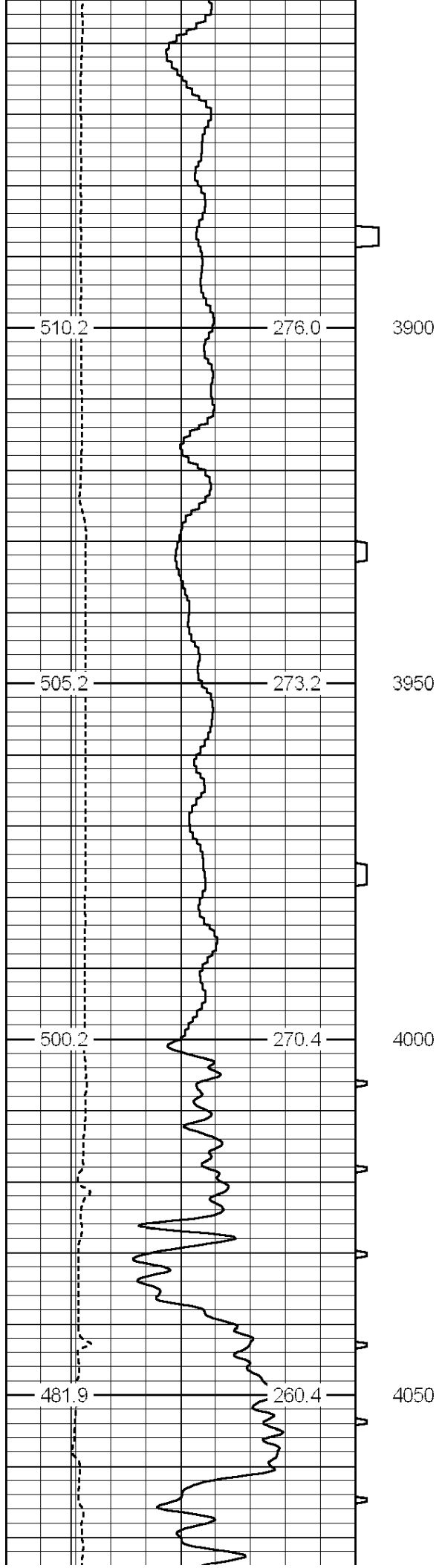


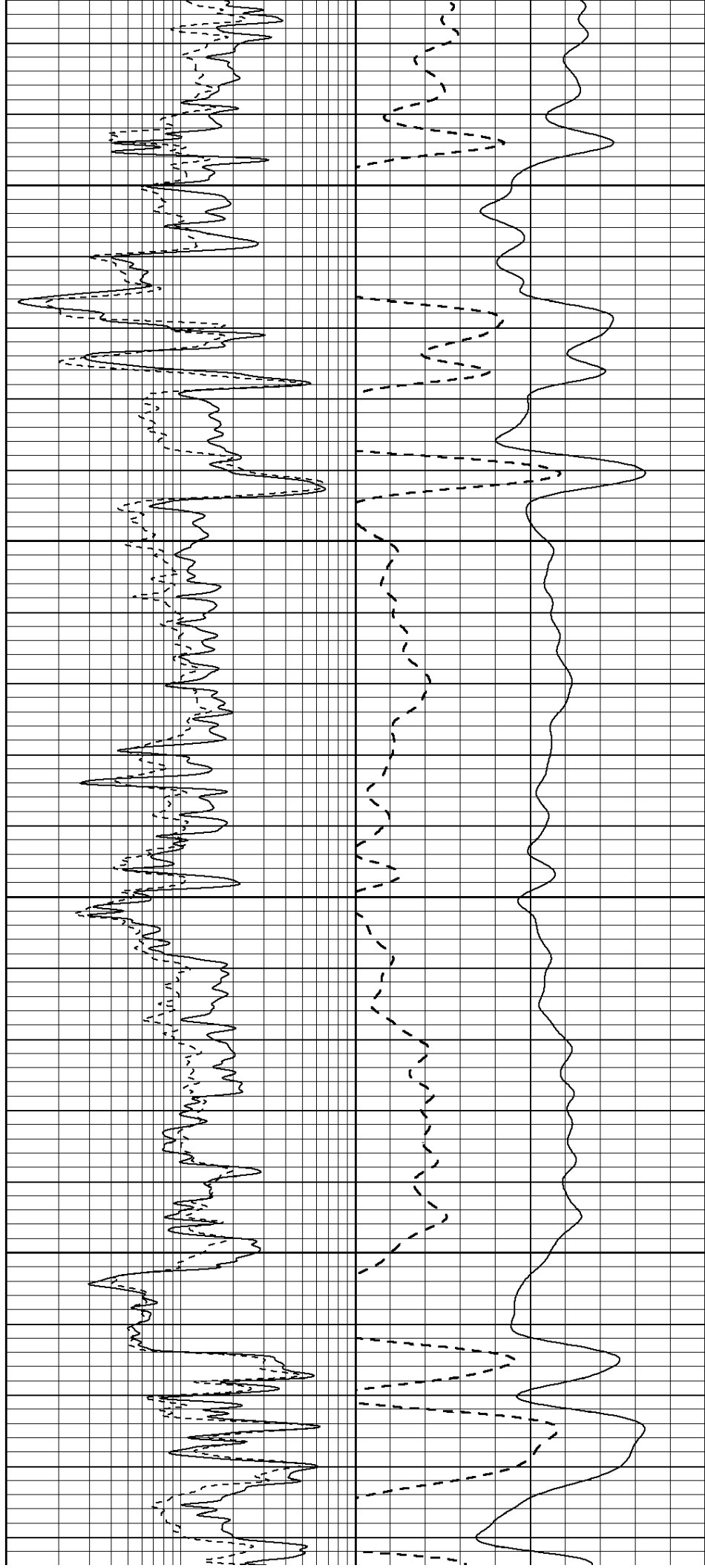
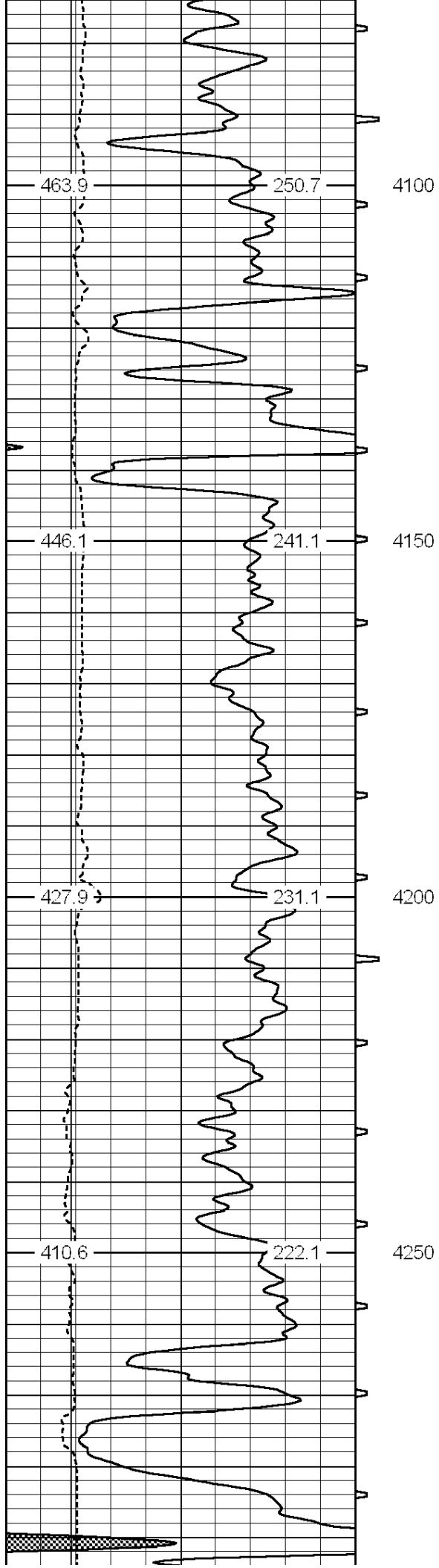


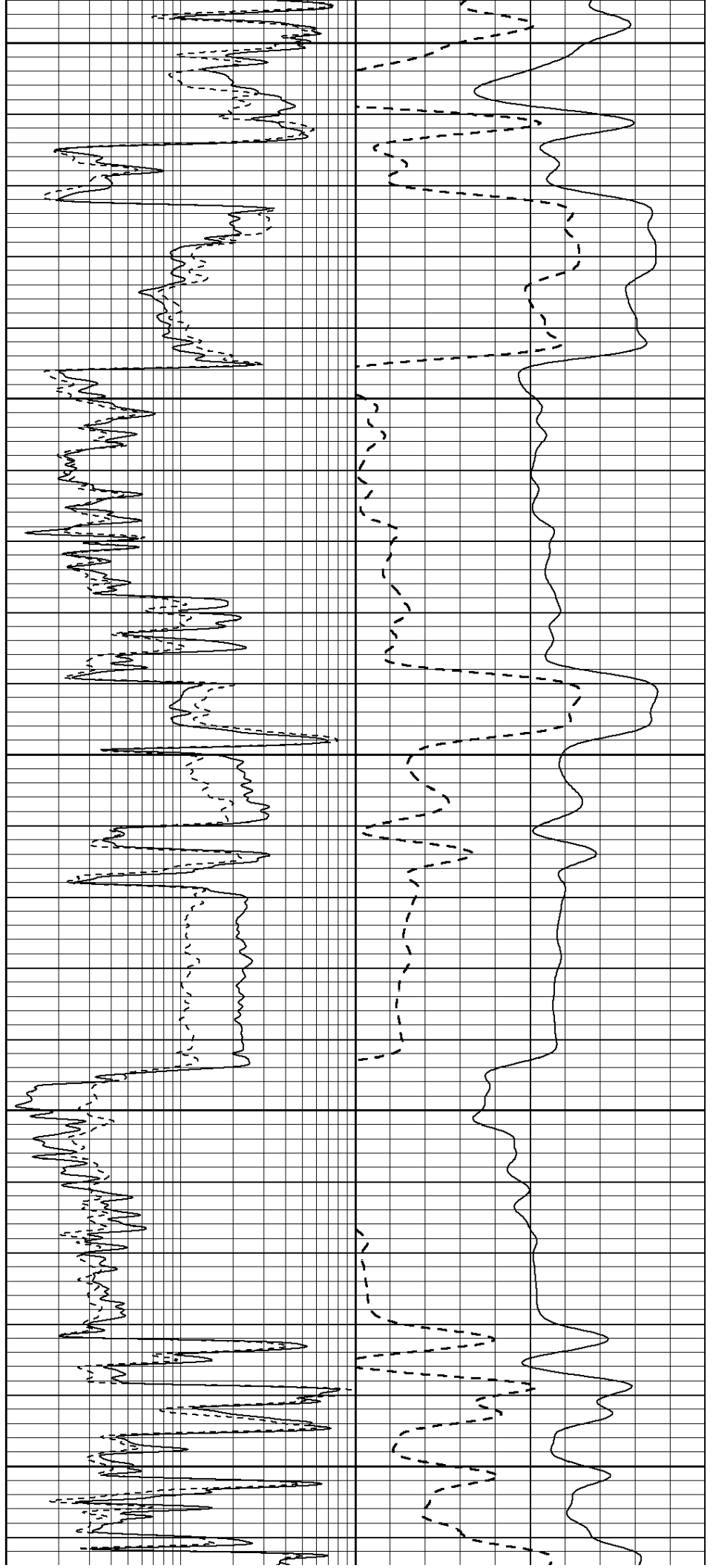
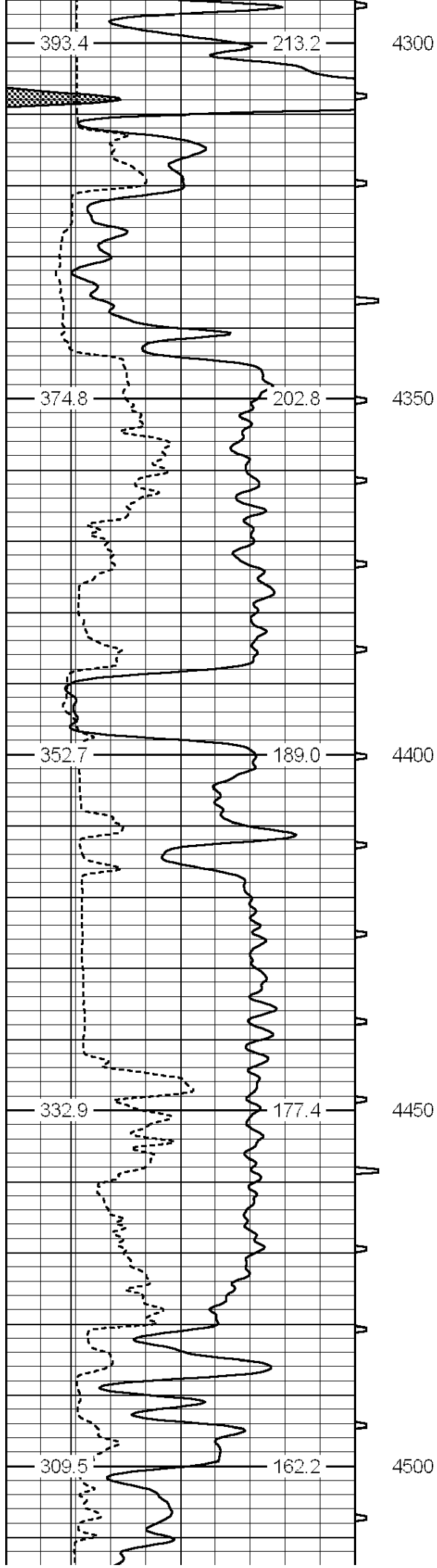


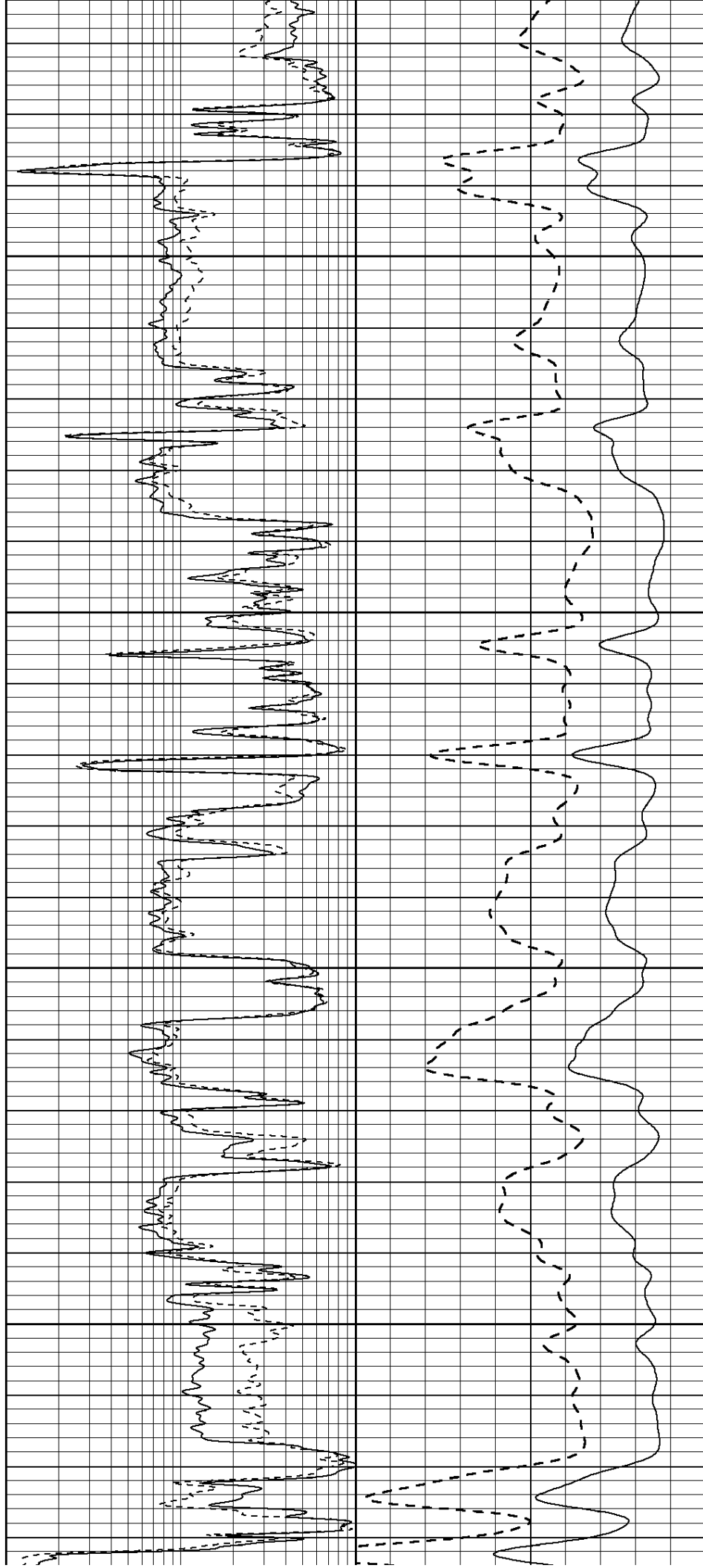
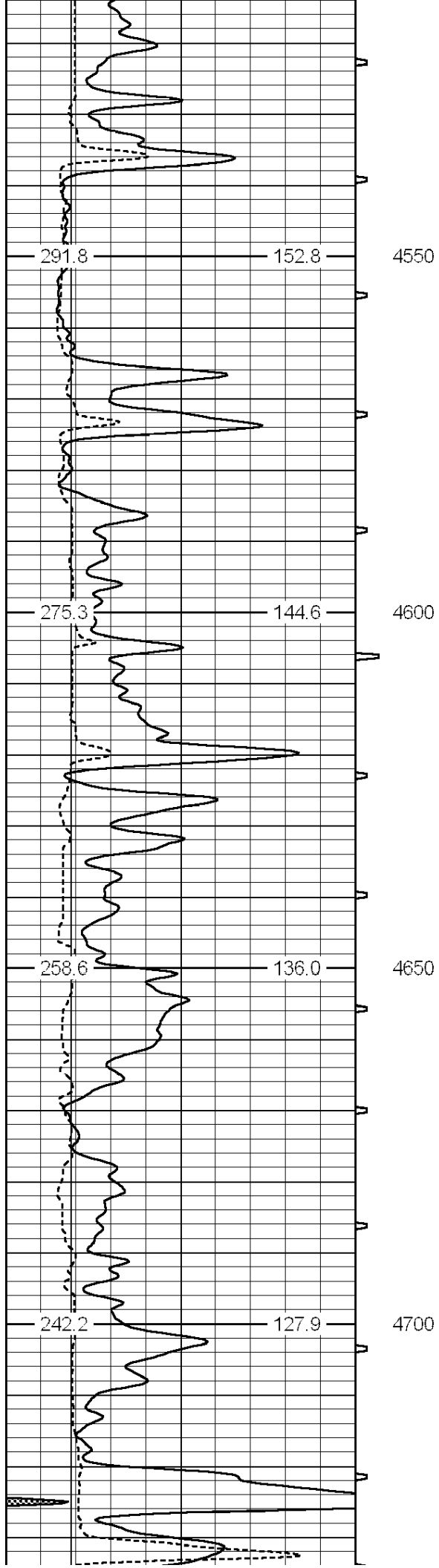


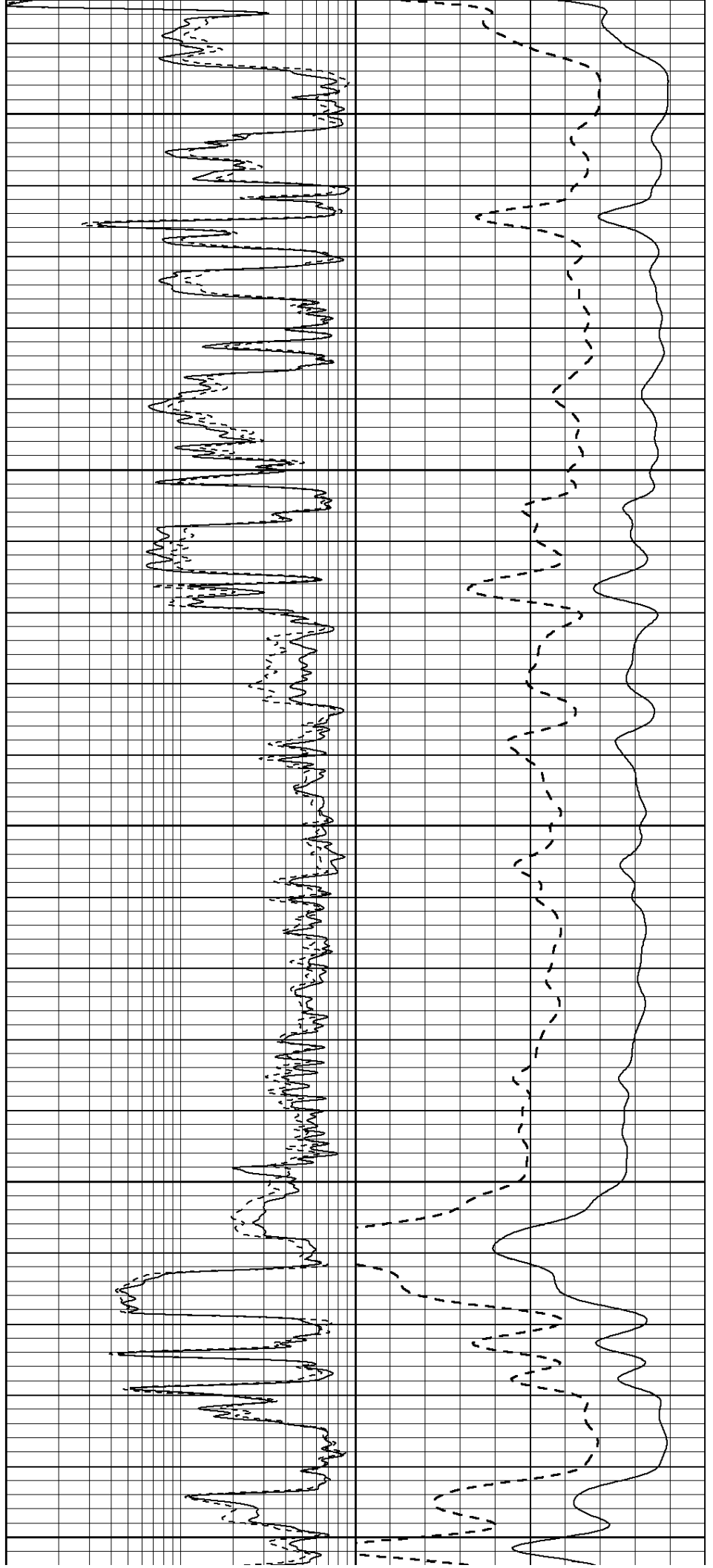
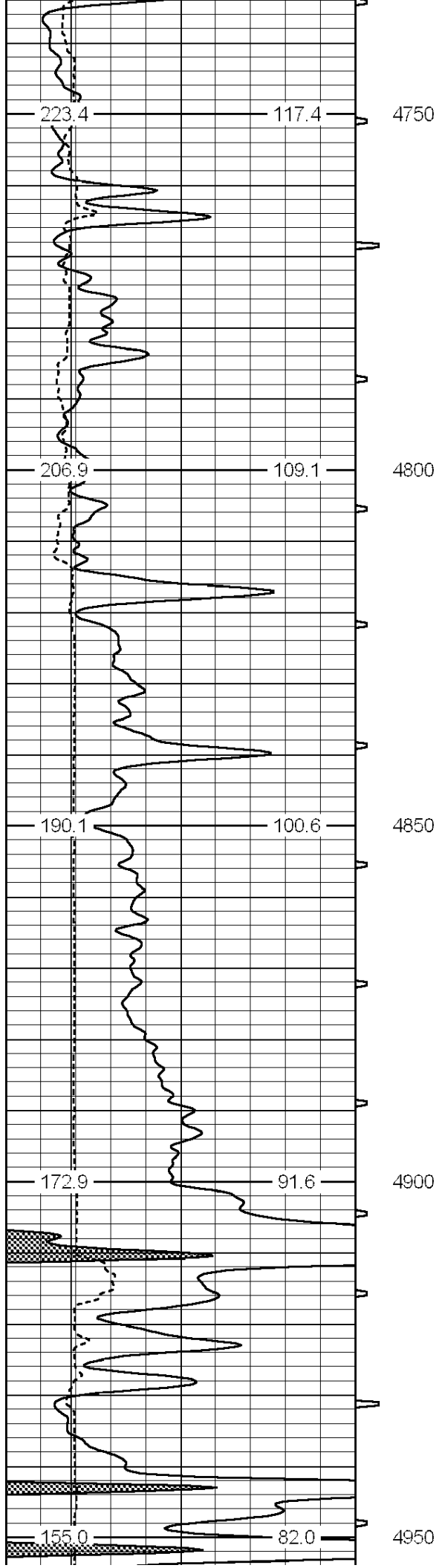


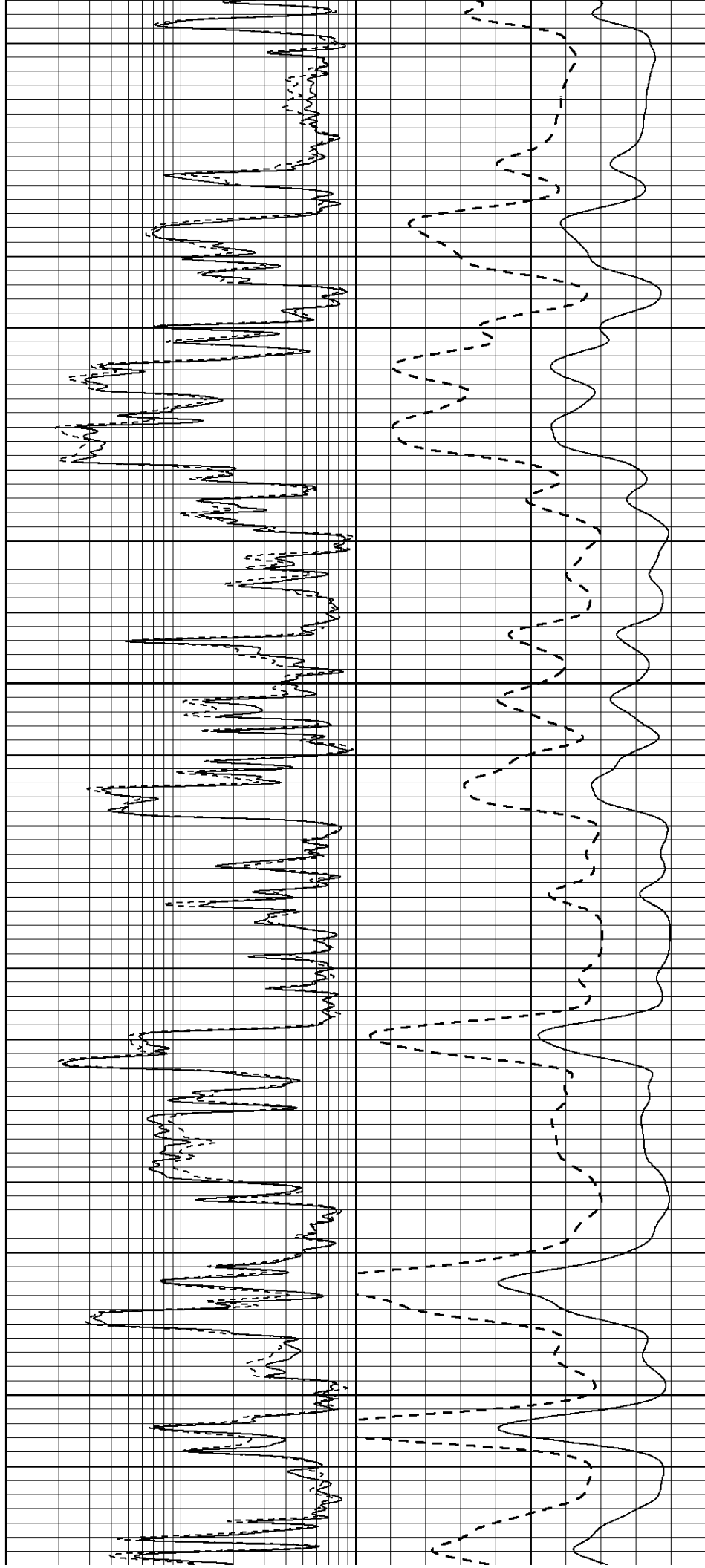
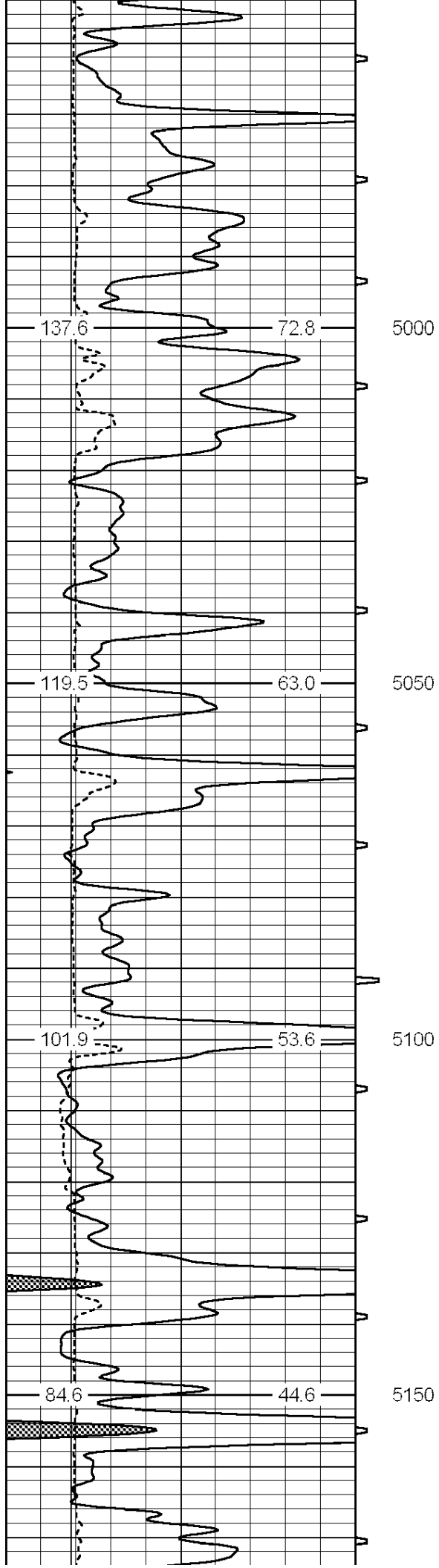


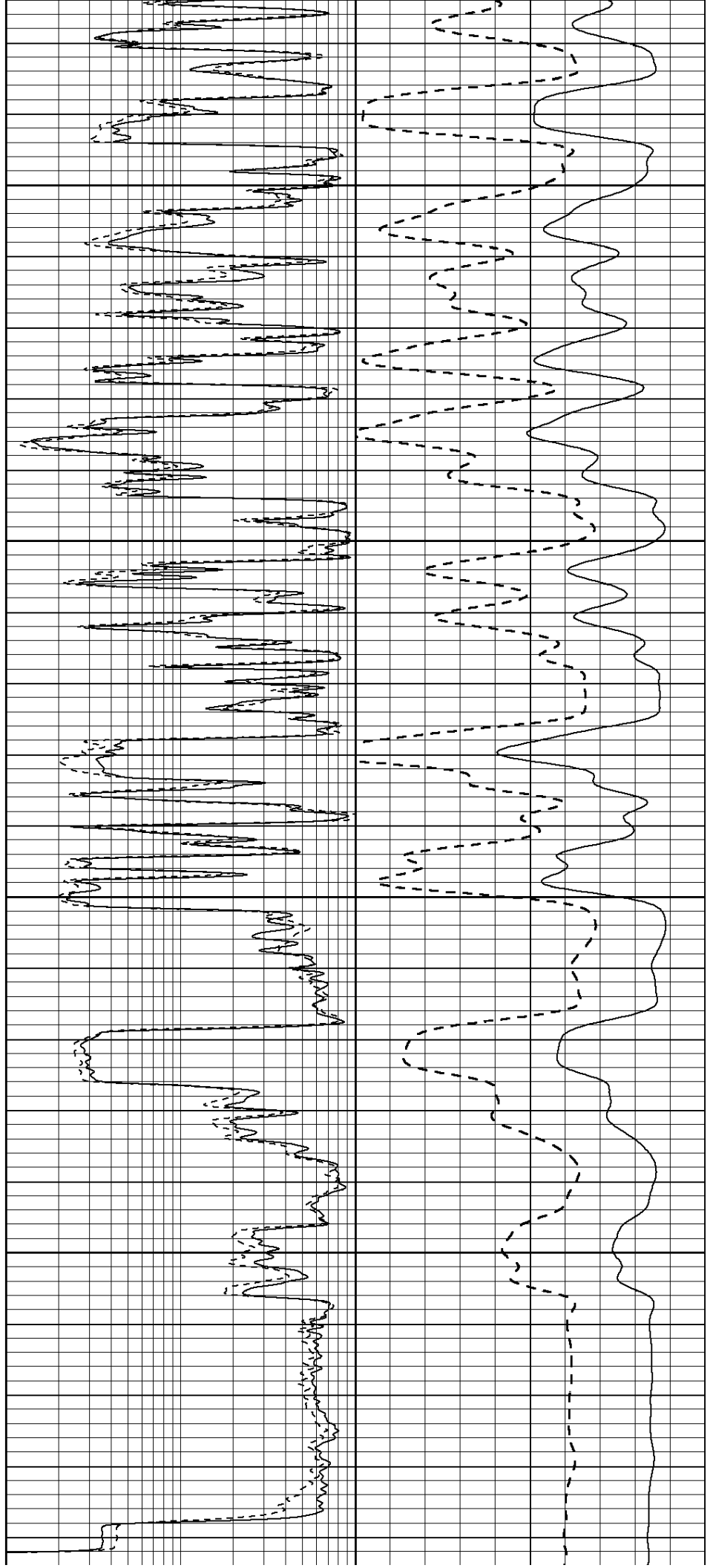
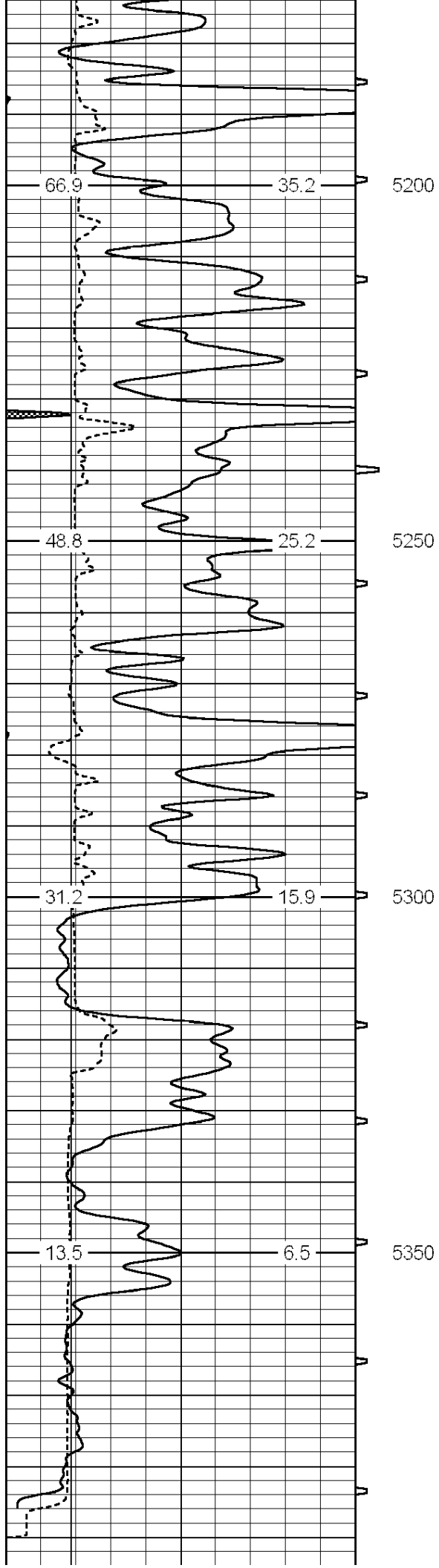


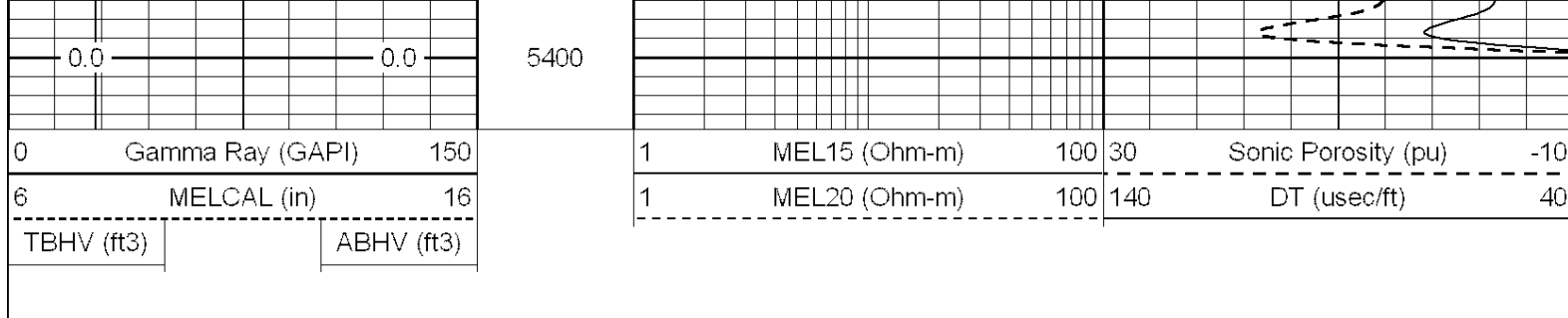


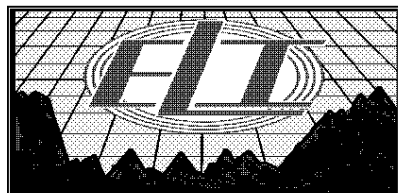












REPEAT SECTION

Database File: 3064pe.db
Dataset Pathname: pass5.2
Presentation Format: slt
Dataset Creation: Fri Nov 30 14:18:35 2018 by Calc SOC 120430
Charted by: Depth in Feet scaled 1:240

