



NOT FOR PERFORATING
CEMENT BOND LOG

Company ANTERO RESOURCES CORP
Well DEVER A13
Field MAMM CREEK
County GARFIELD State COLORADO

Location: API #: 05-045-13630-00
SHL: SW/SE SEC 18 TWP 06S RGE 92W 6TH P.M.
1019.8' FSL 1785.4' FWL
SEC: 18 TWP: 6S RGE: 92W
Permanent Datum GROUND LEVEL Elevation 5571'
Log Measured From KELLY BUSHING= 16'
Drilling Measured From KELLY BUSHING
Other Services
NONE
Elevation
K.B. 5587
D.F. 5586
G.L. 5571

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Date 29 NOV 2007

Run Number	ONE
Depth Driller	8755
Depth Logger	8696
Bottom Logged Interval	8696
Top Log Interval	SURFACE
Open Hole Size	7.875"
Type Fluid	WATER
Density / Viscosity	~8.4#
Max. Recorded Temp.	213 DEG F
Estimated Cement Top	3910'
Time Well Ready	N/A
Time Logger on Bottom	N/A
Equipment Number	ST0302W/RBT #
Location	GRAND JUNCTION
Recorded By	D. ADAMS
Witnessed By	F. STARK

Borehole Record		Tubing Record	
Run Number	Bit From To	Size	Weight From To
N/A		N/A	

Casing Record	Size	Wd/Lft	Top	Bottom
Surface String	8.625"	24#	SURFACE	910'
Prot. String	N/A			
Production String	5.5"	17#	SURFACE	8751'
Liner				

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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

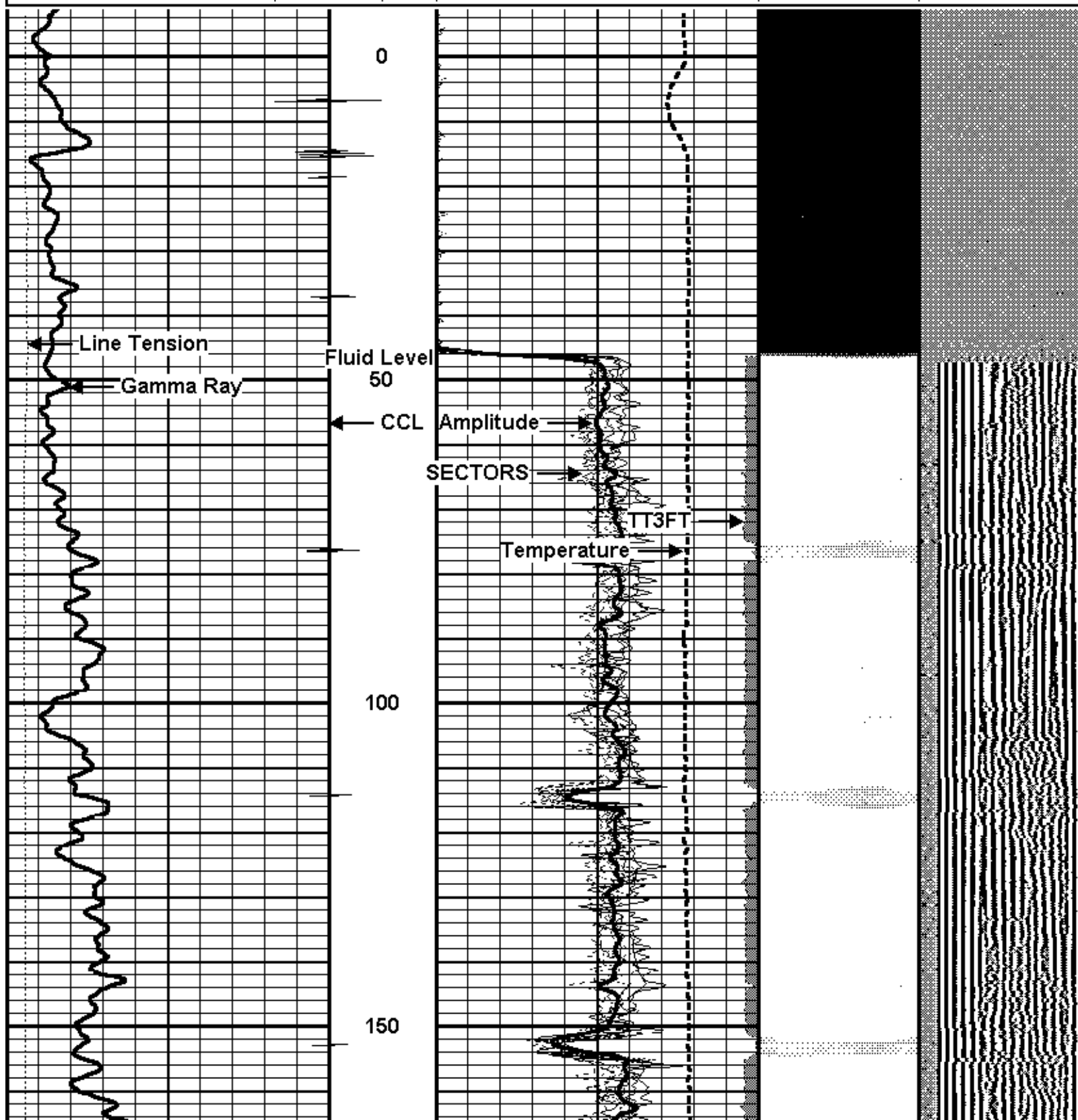
CBL NOT CORRELATED TO ANY OTHER LOG
SHORT JOINTS @ 4939' TO 4958' & 7205' TO 7224'

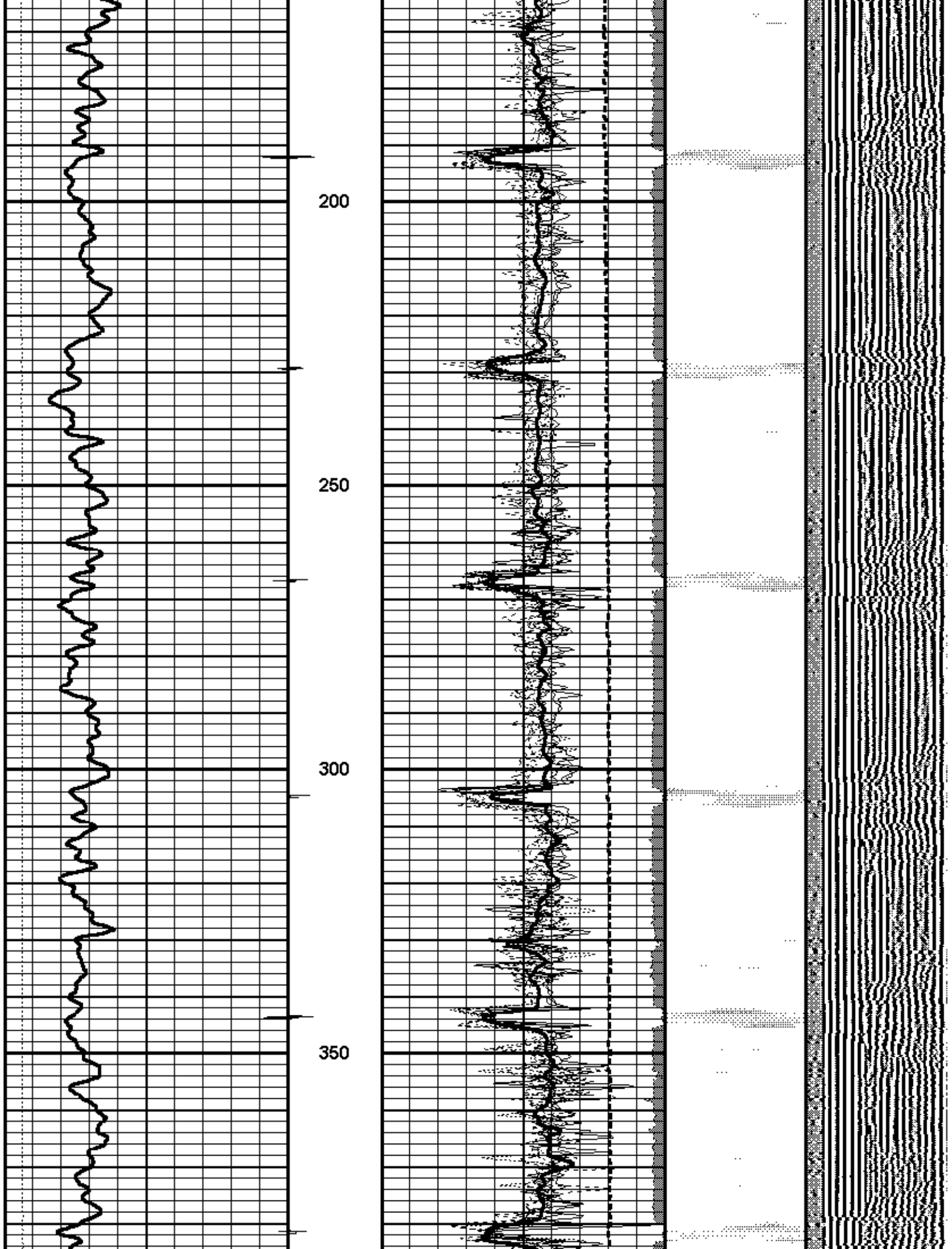
WE APPRECIATE YOUR BUSINESS, MESA WIRELINE LLC, GRAND JUNCTION CO. (970) 257-0

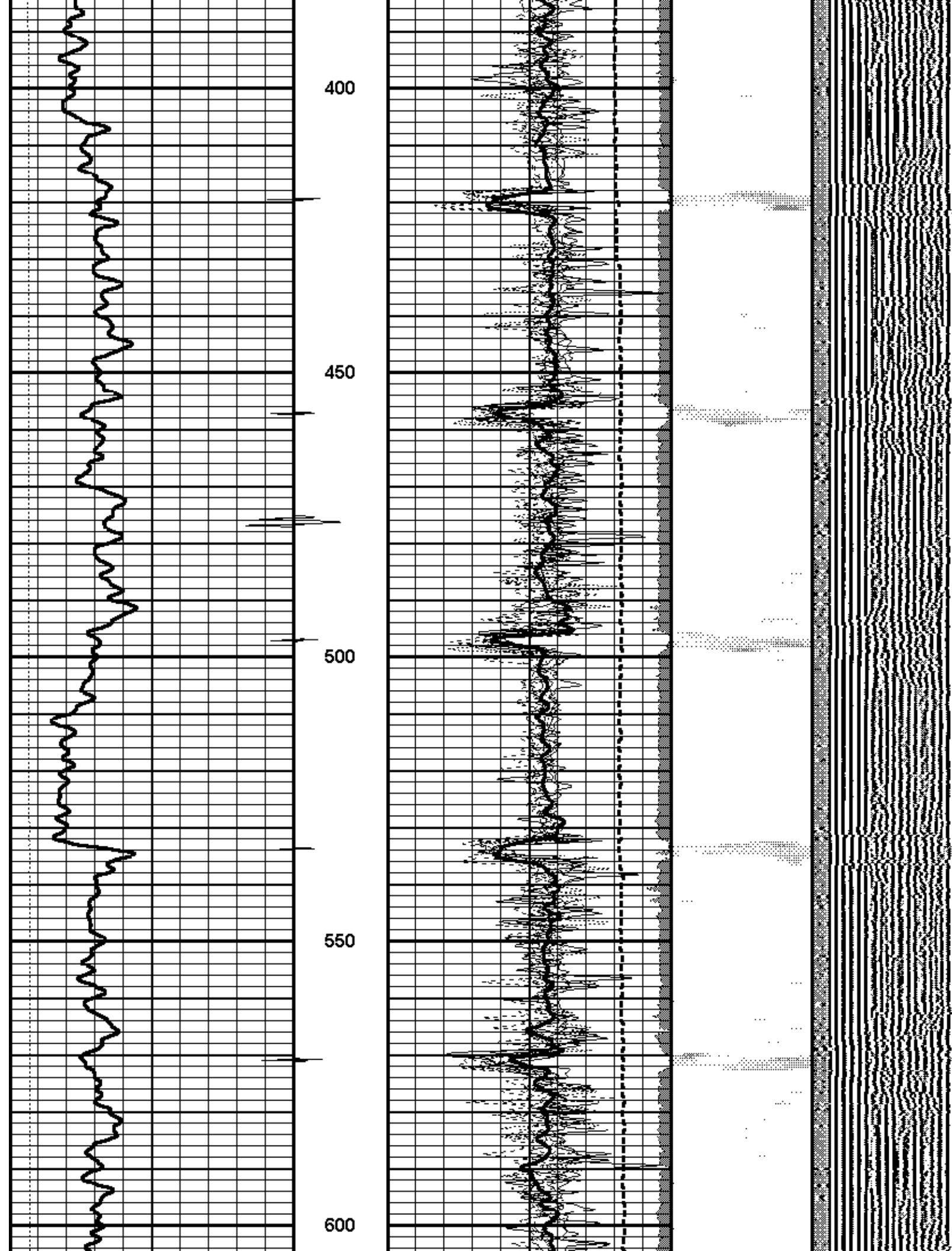


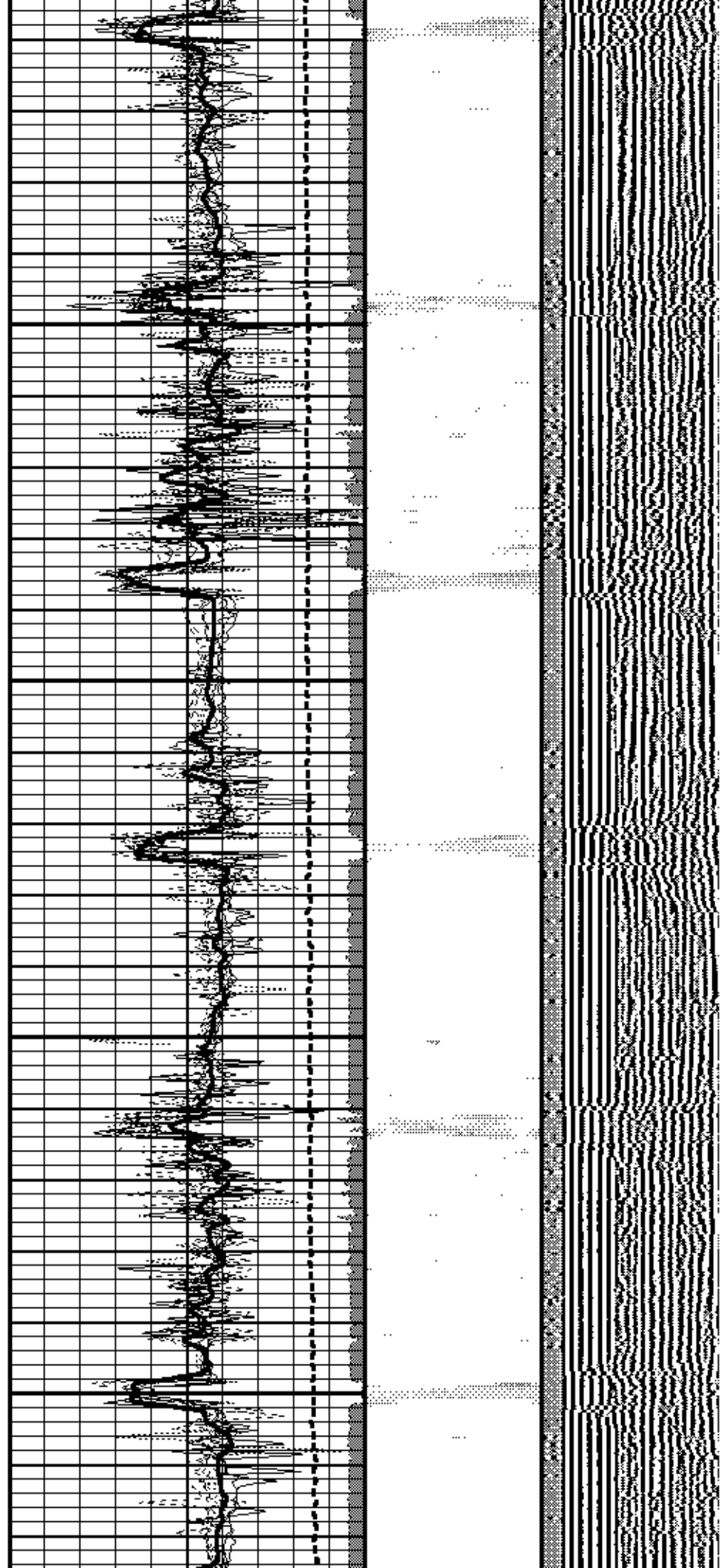
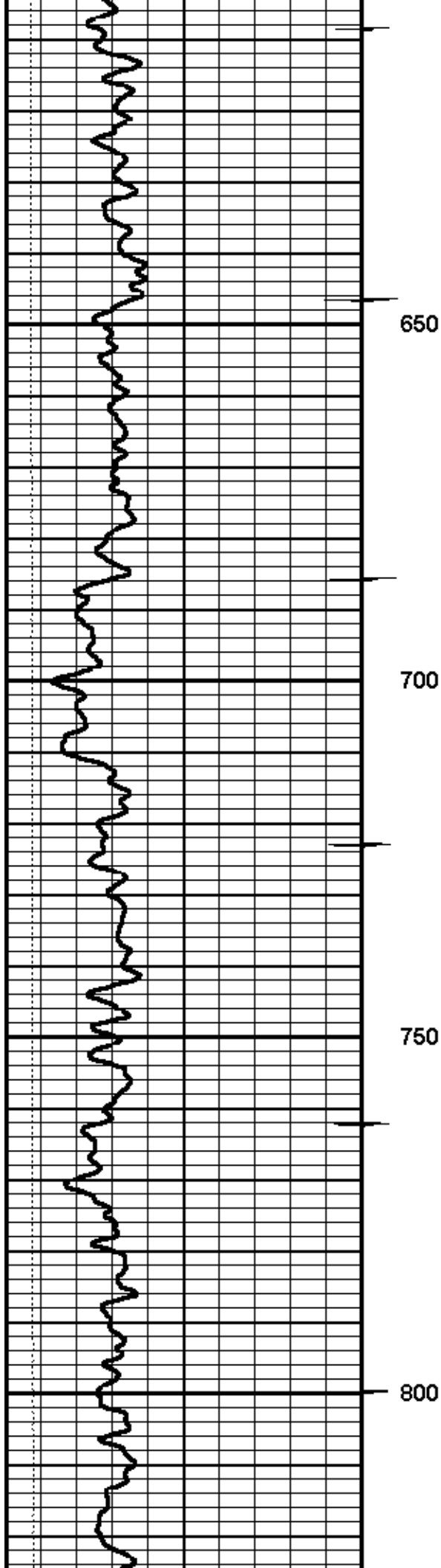
Database File: devera13.db
 Dataset Pathname: pass4
 Presentation Format: rbtfinal
 Dataset Creation: Thu Nov 29 10:11:08 2007 by Log Std Casedhole 06040
 Charted by: Depth in Feet scaled 1:240

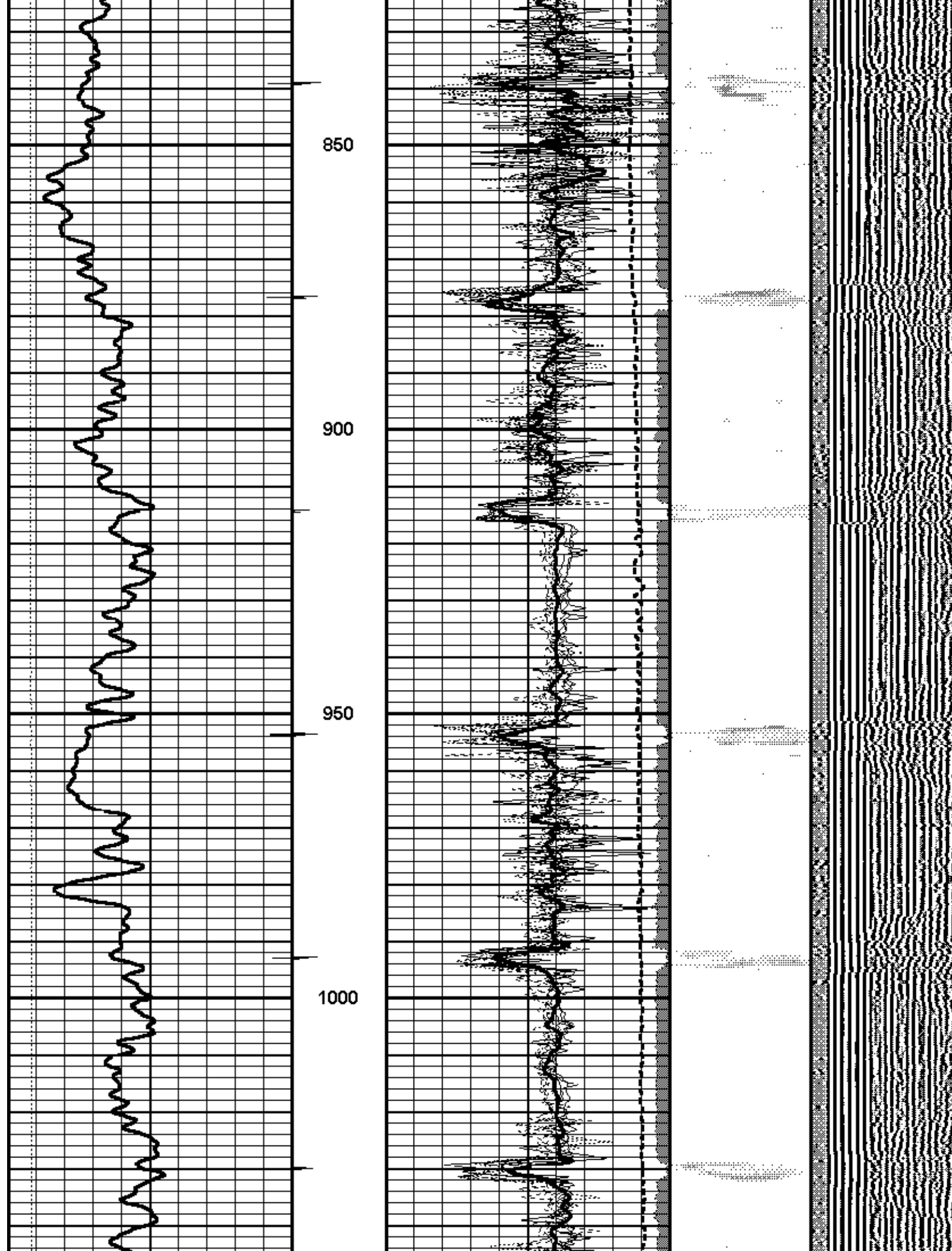
0	Gamma Ray (GAPI)	200	0	Amplitude (mV)	100	1	SECTORS	8	Variable Density	
0	LTEN (lb)	5000	0	Temp (degF)	100	0		70	200	1200
		CCL	0	TT3FT (usec)	200					

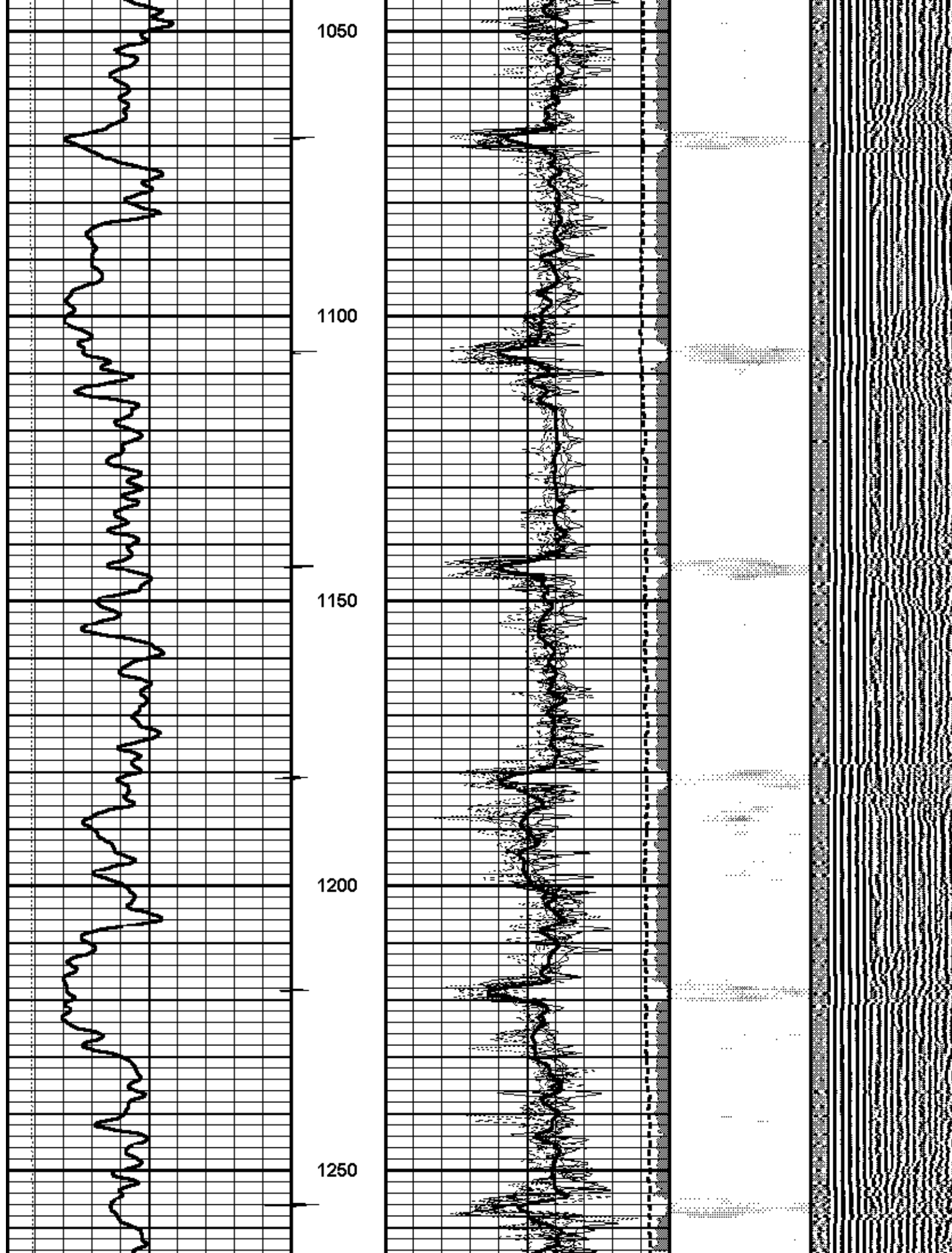


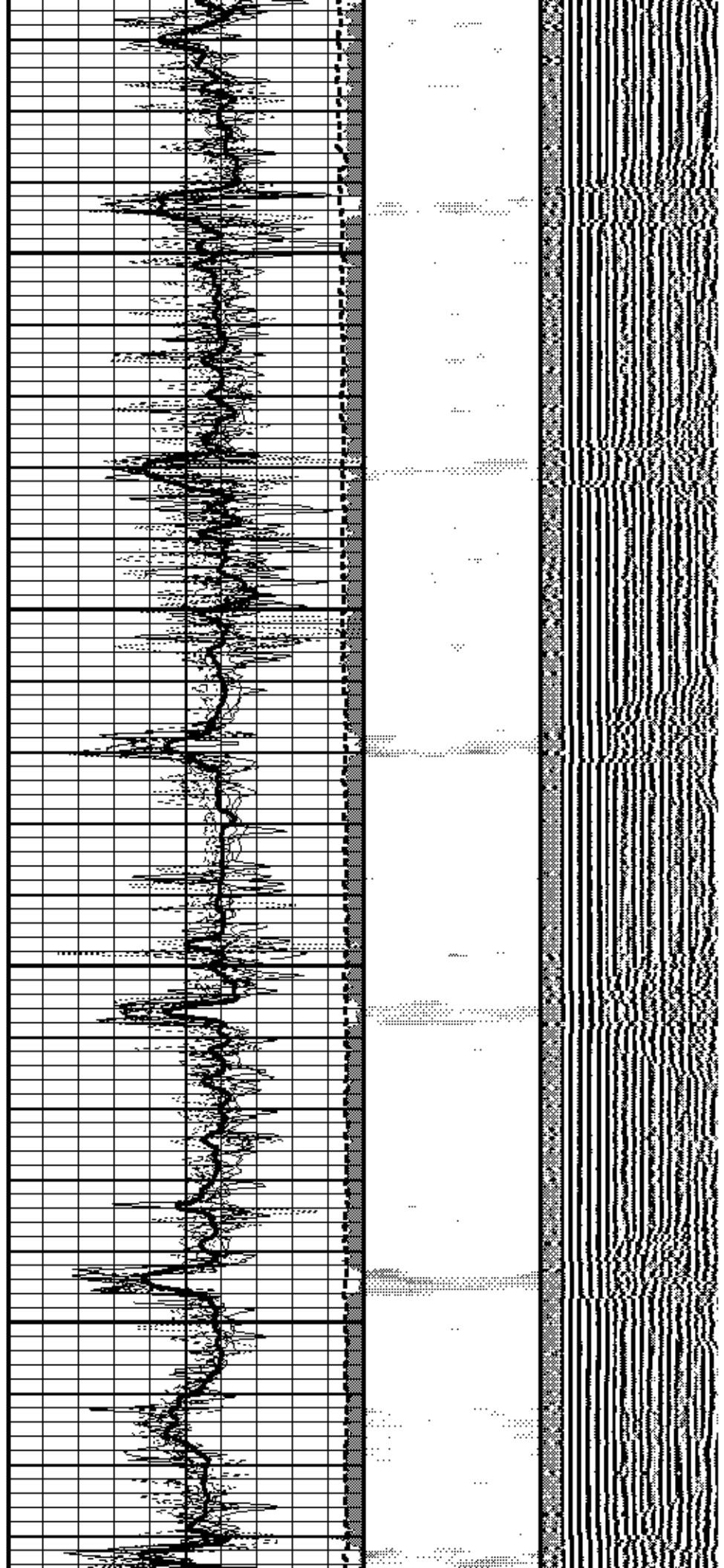
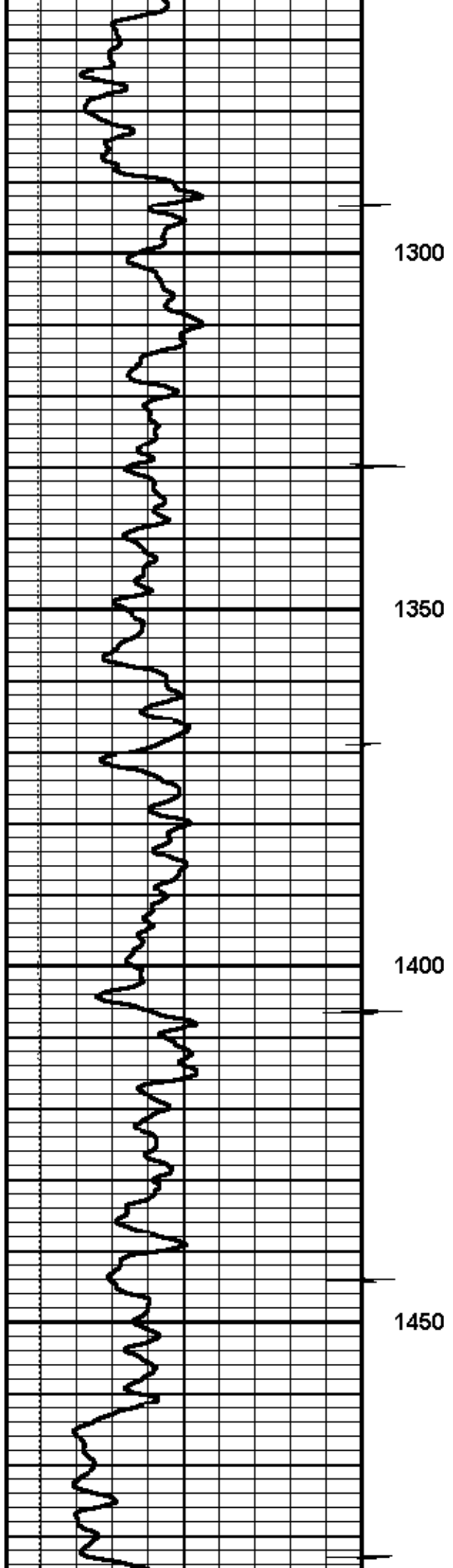


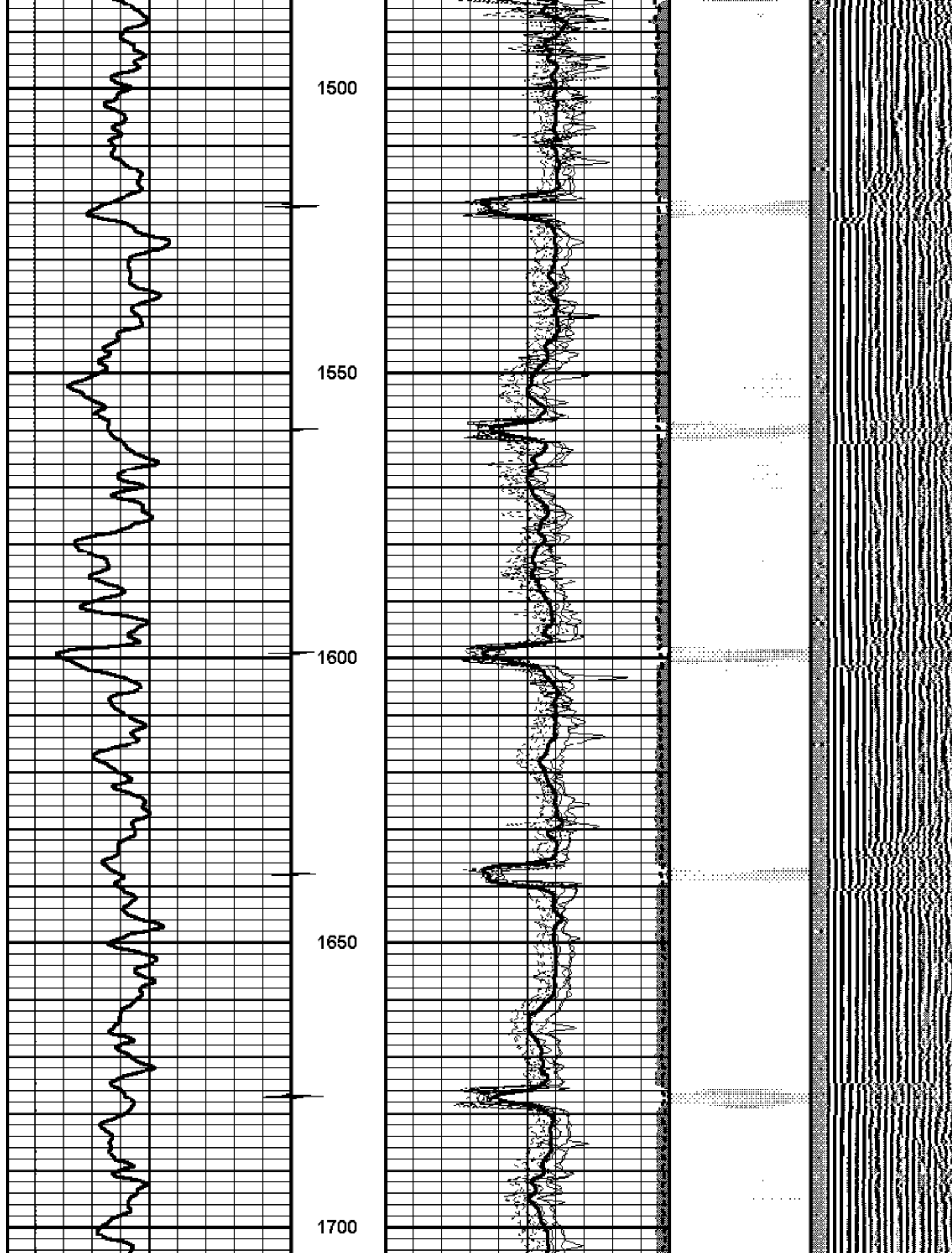


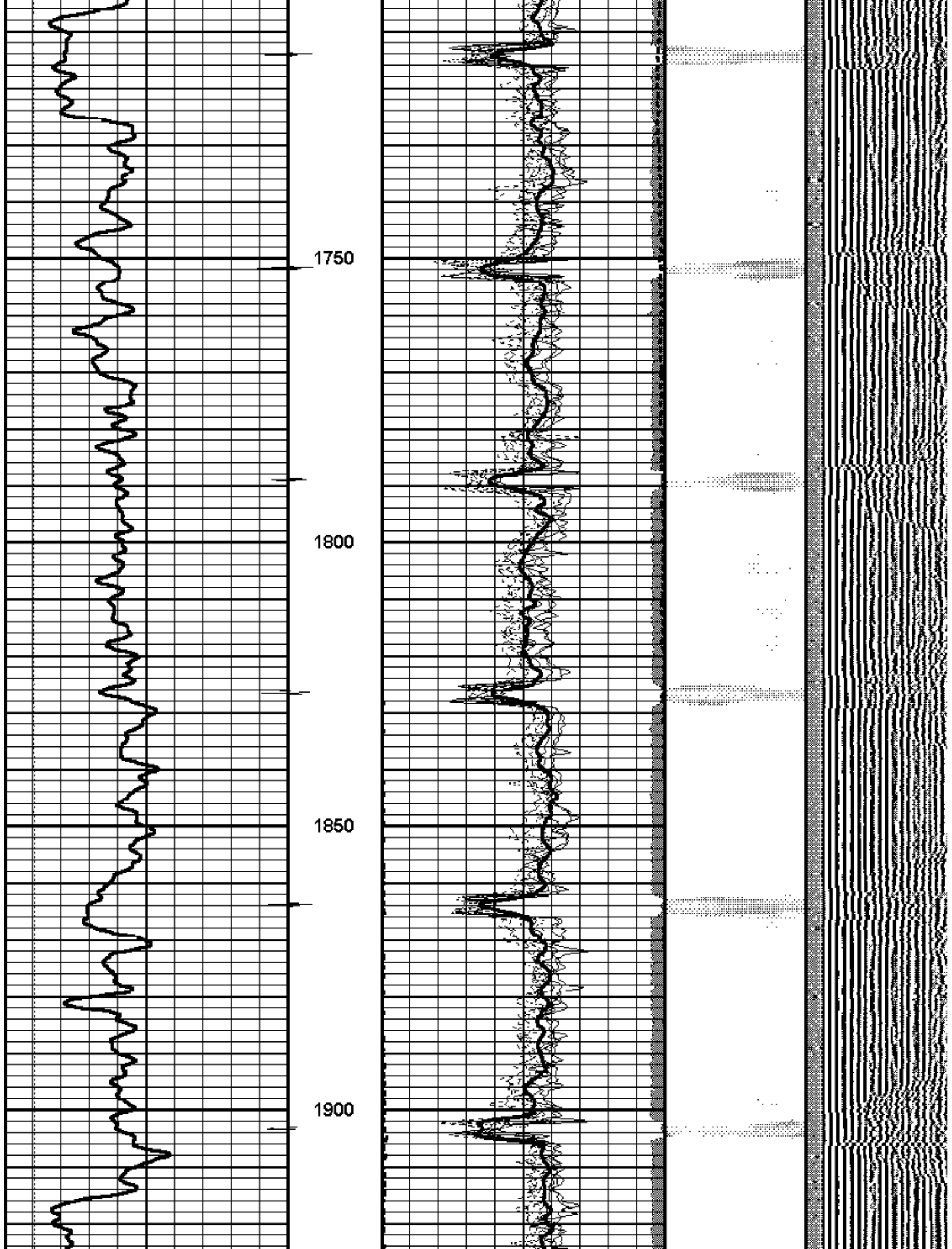


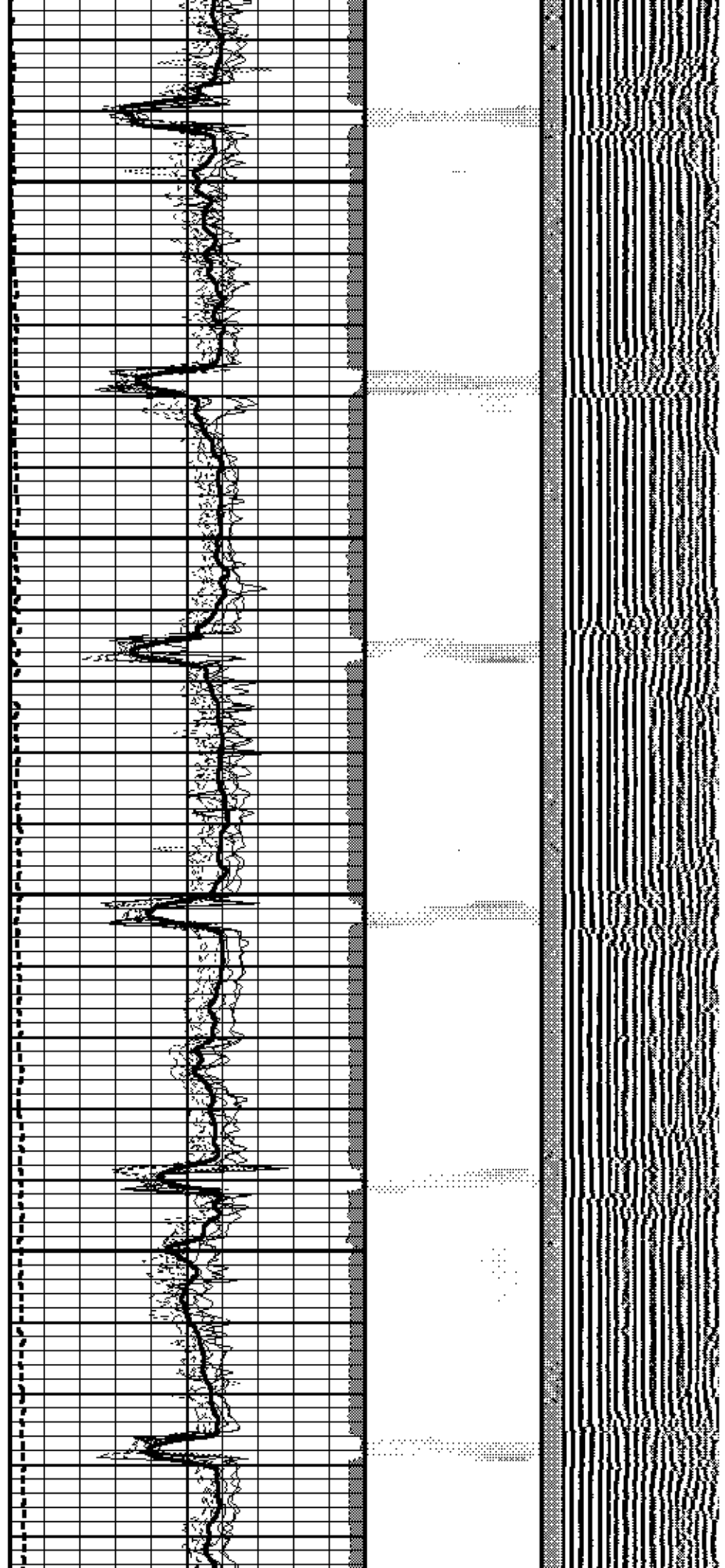
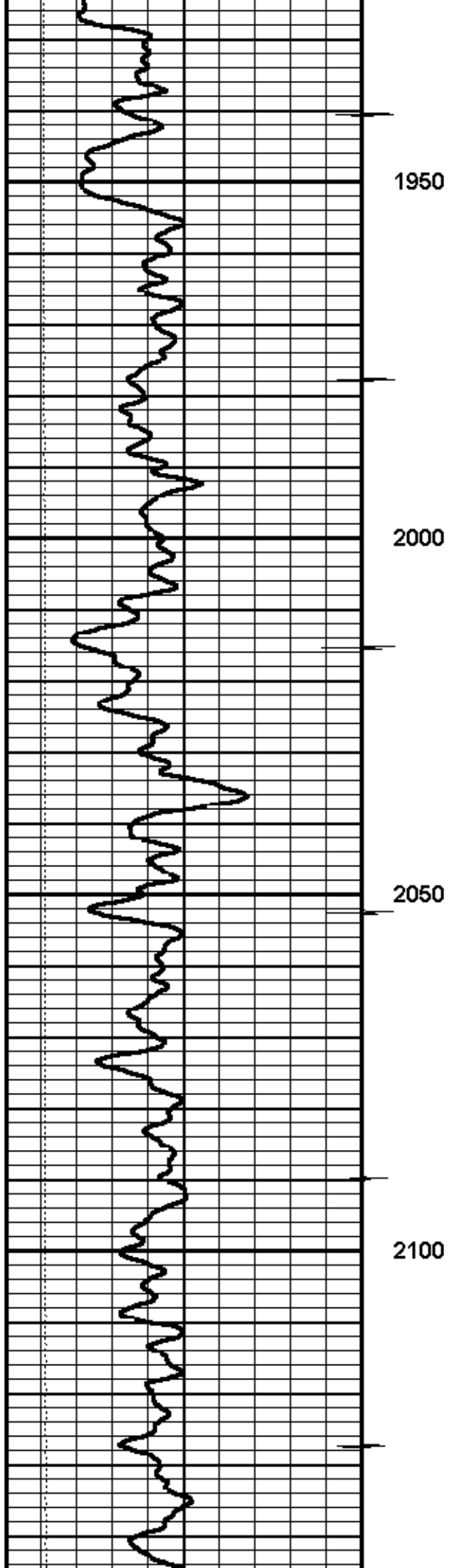


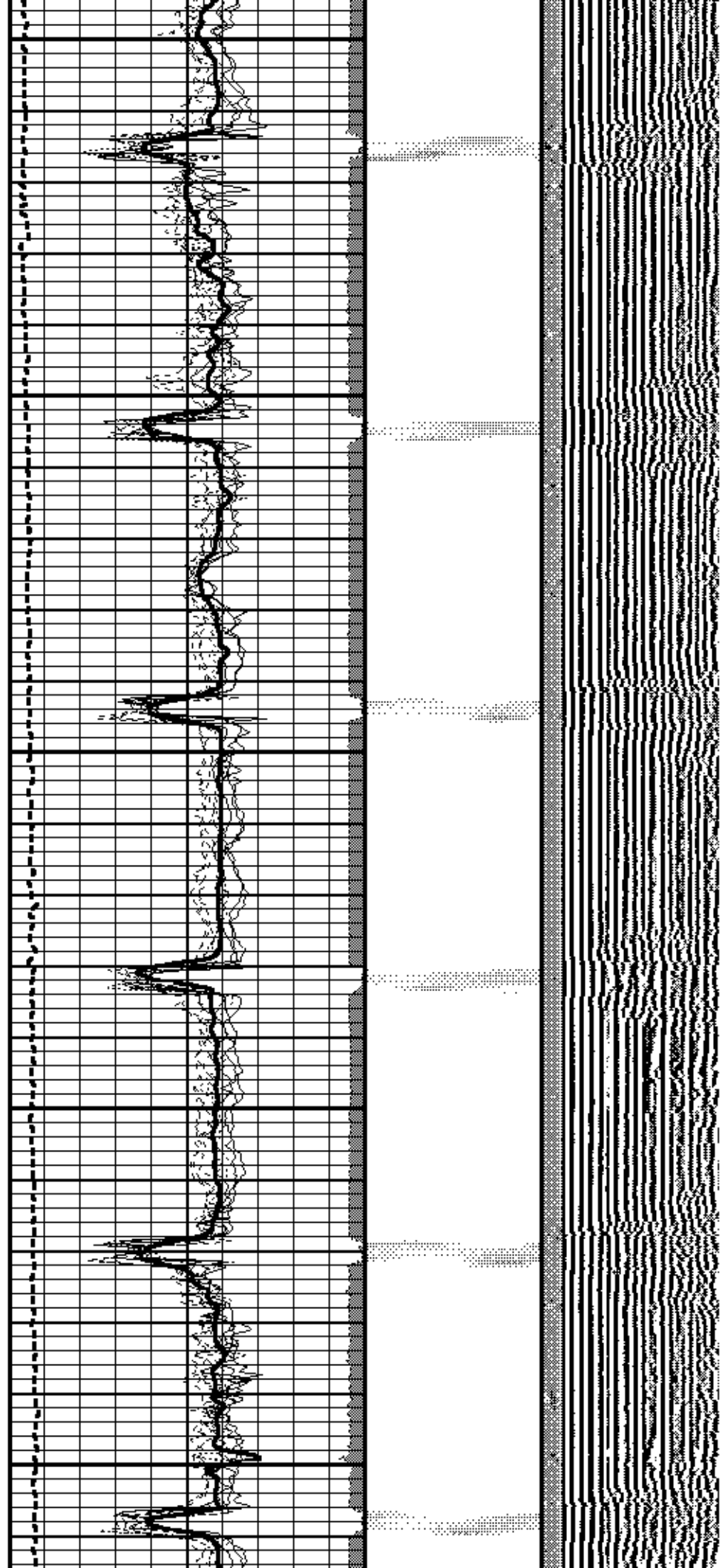
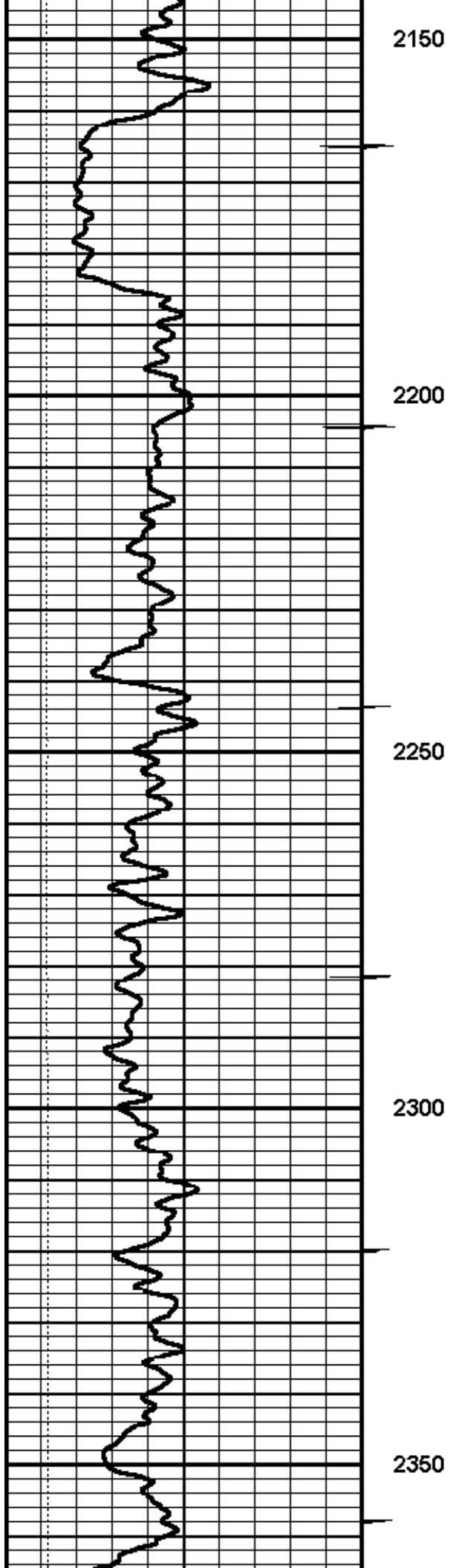


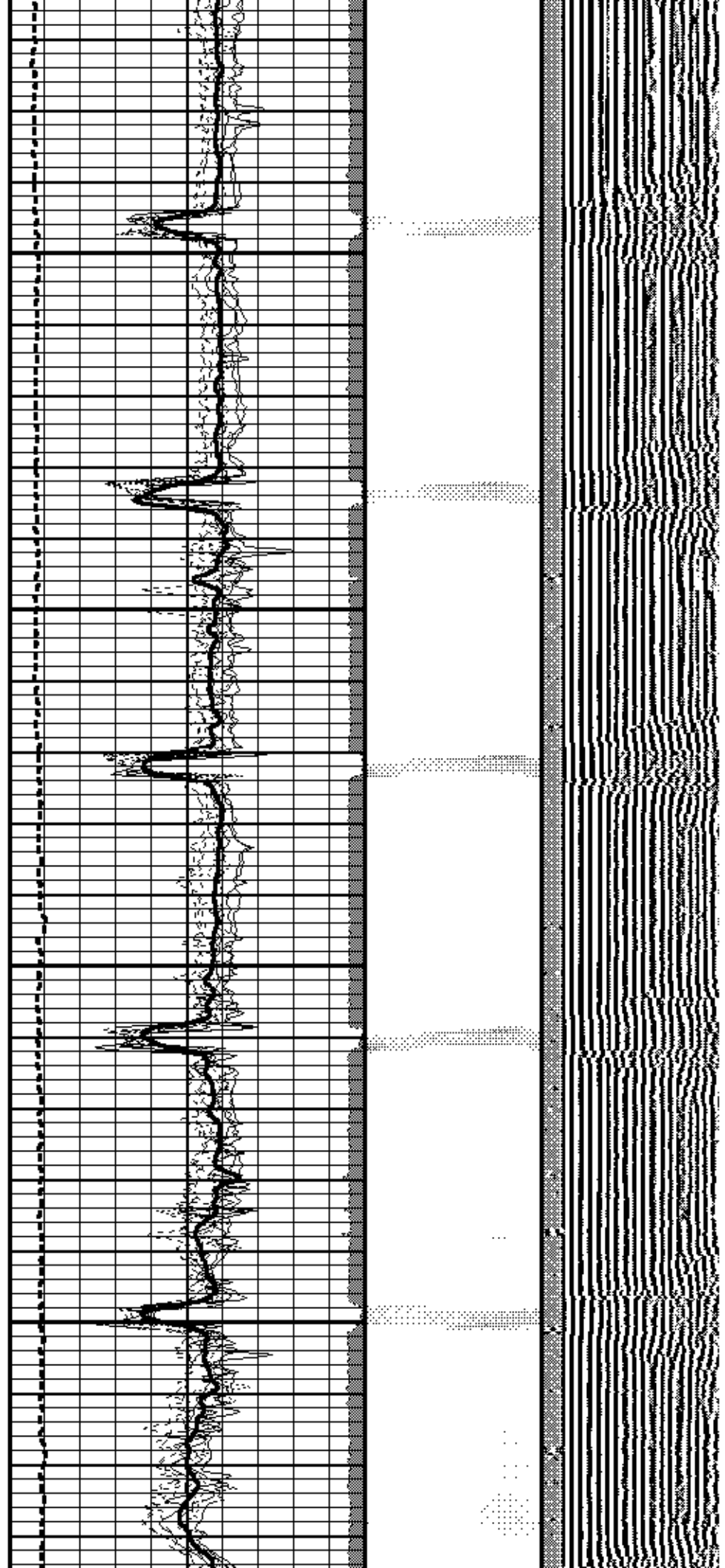
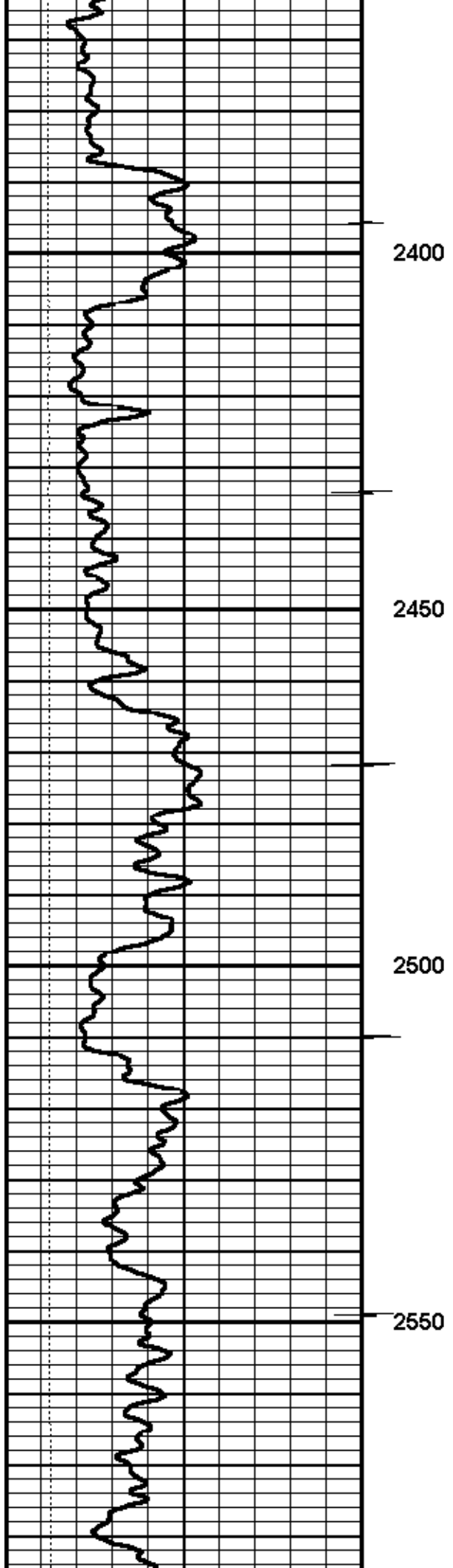


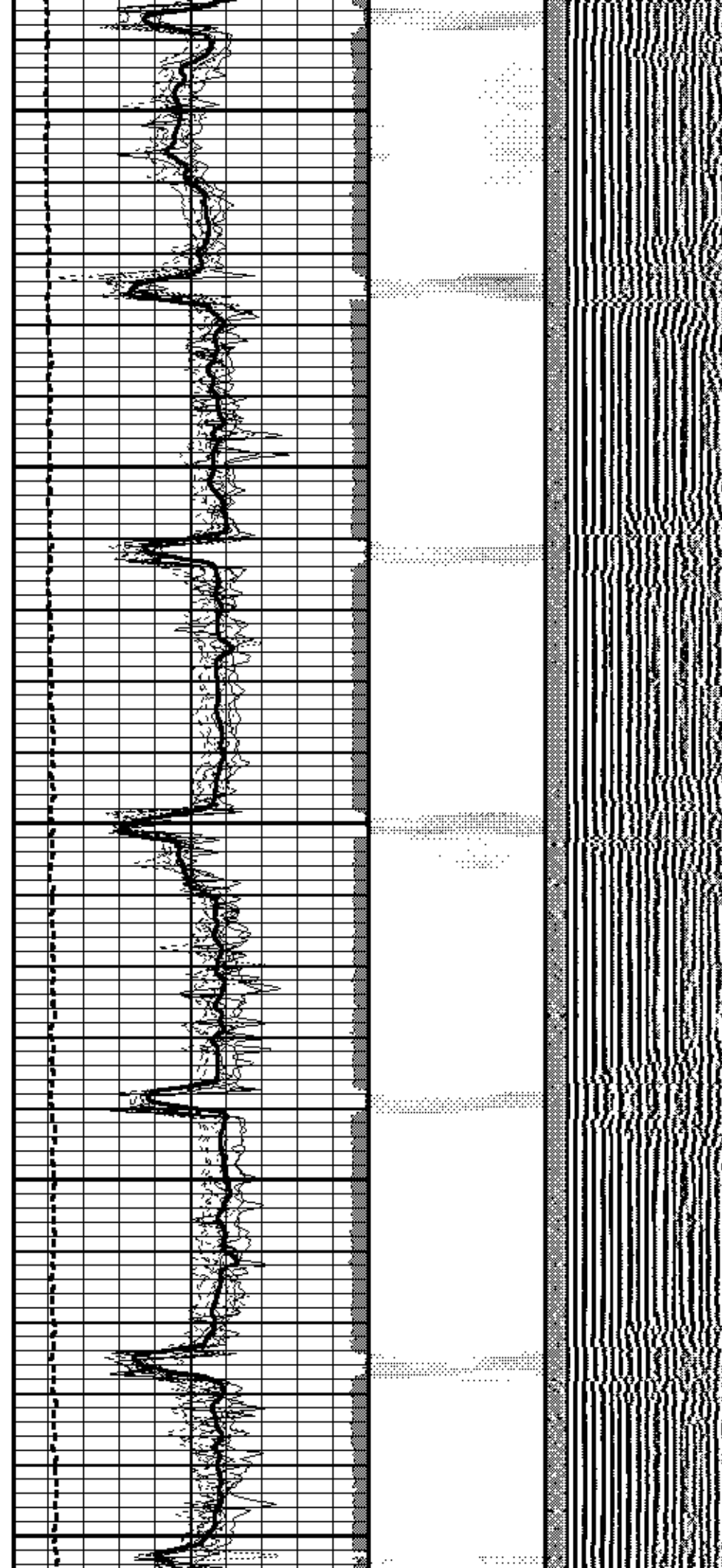
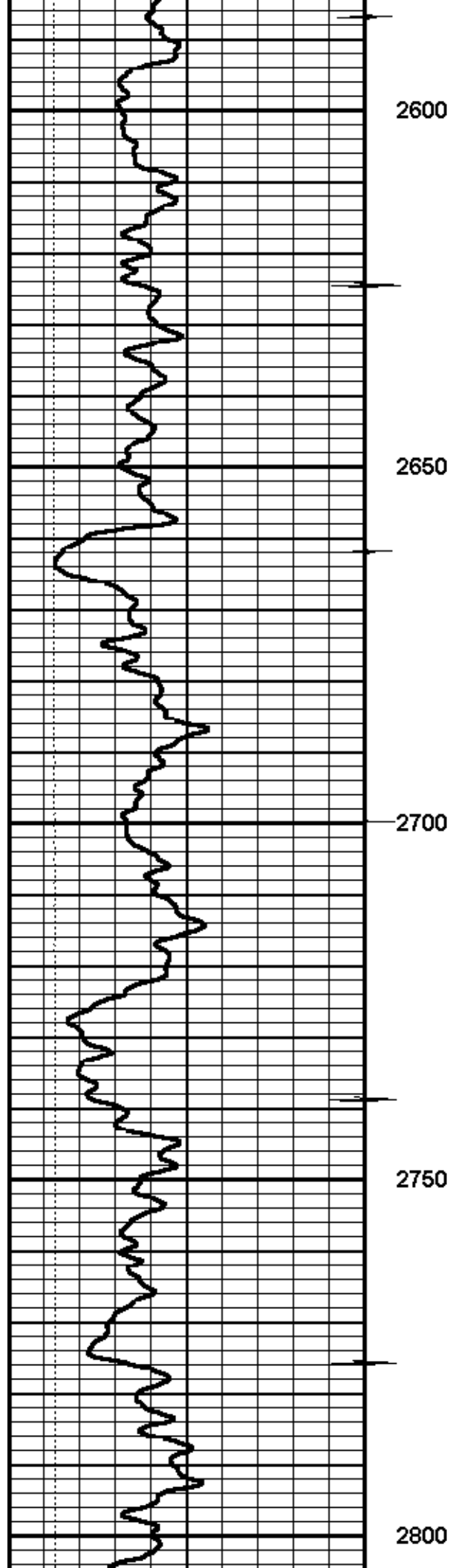


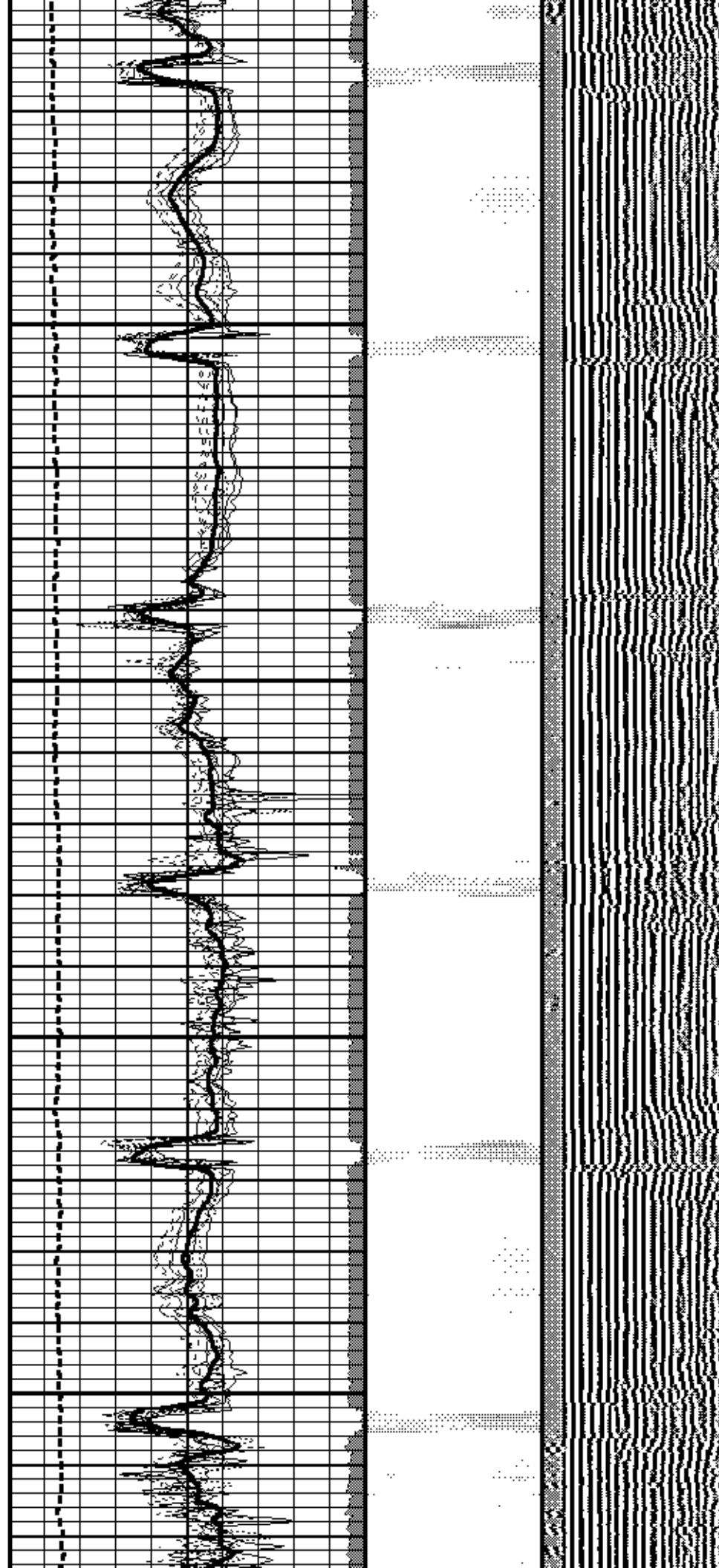
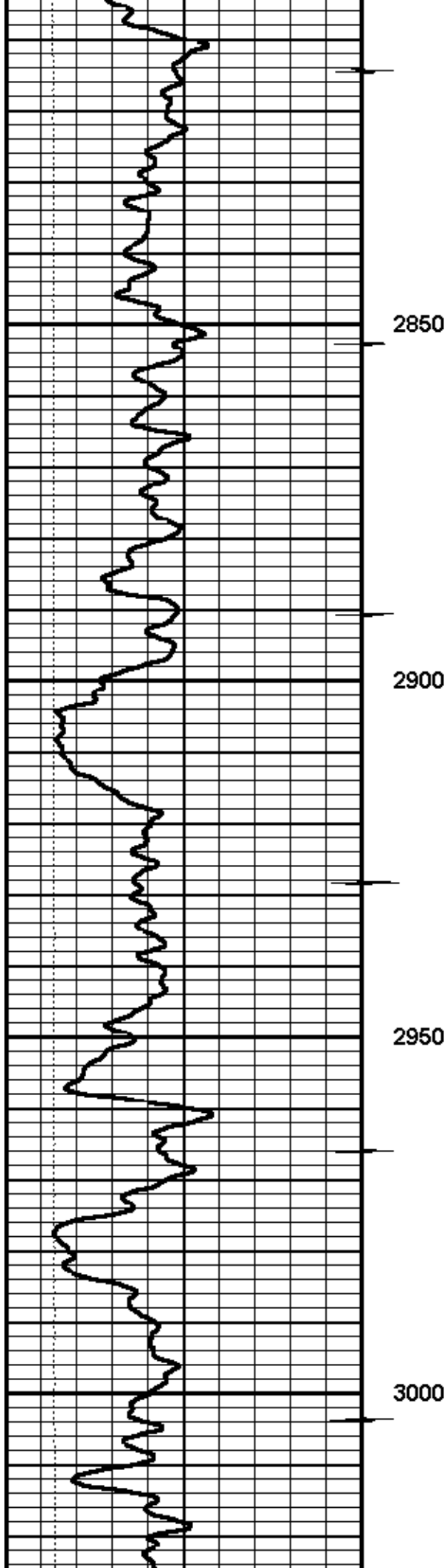


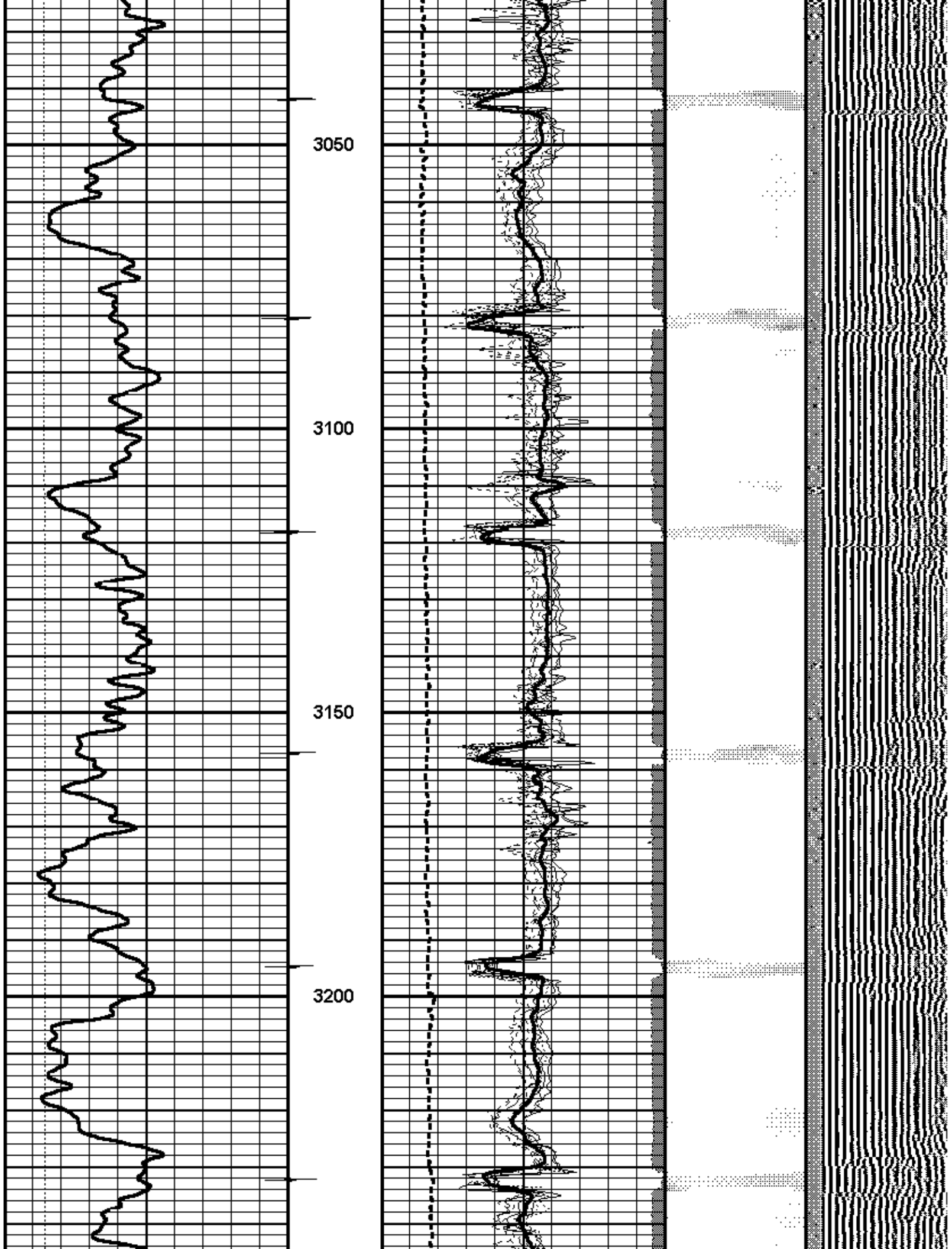


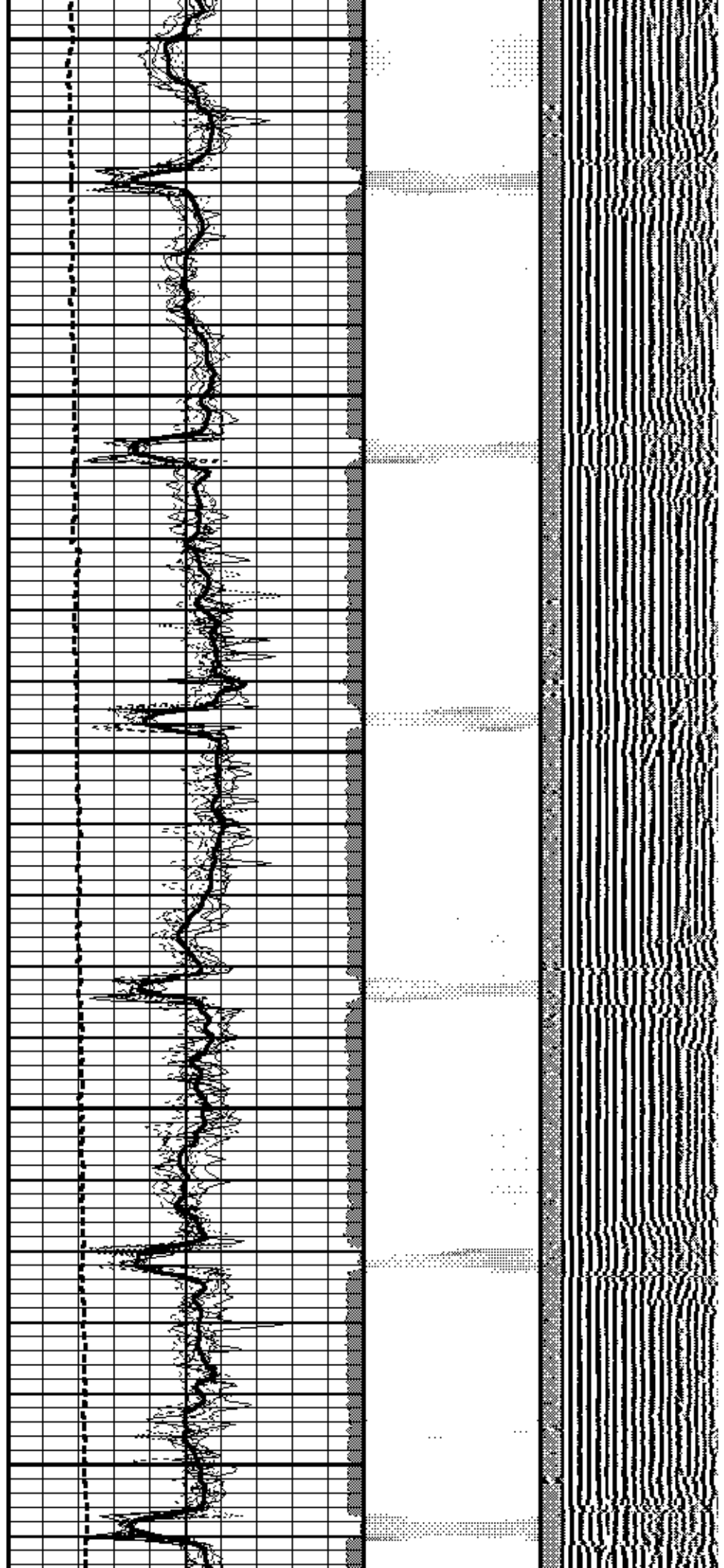
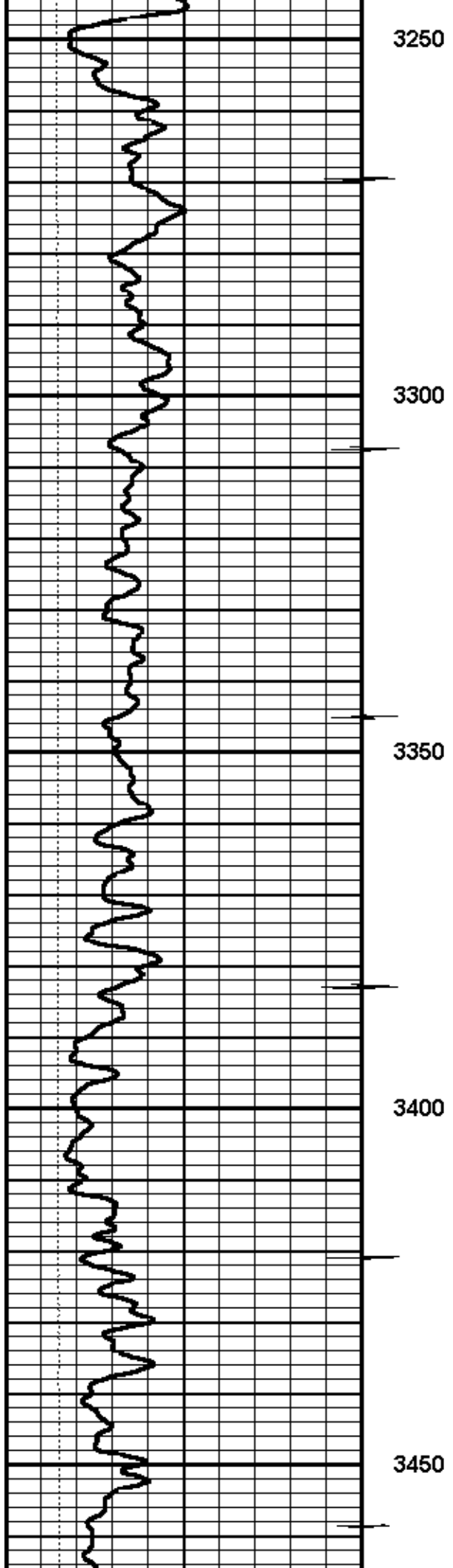


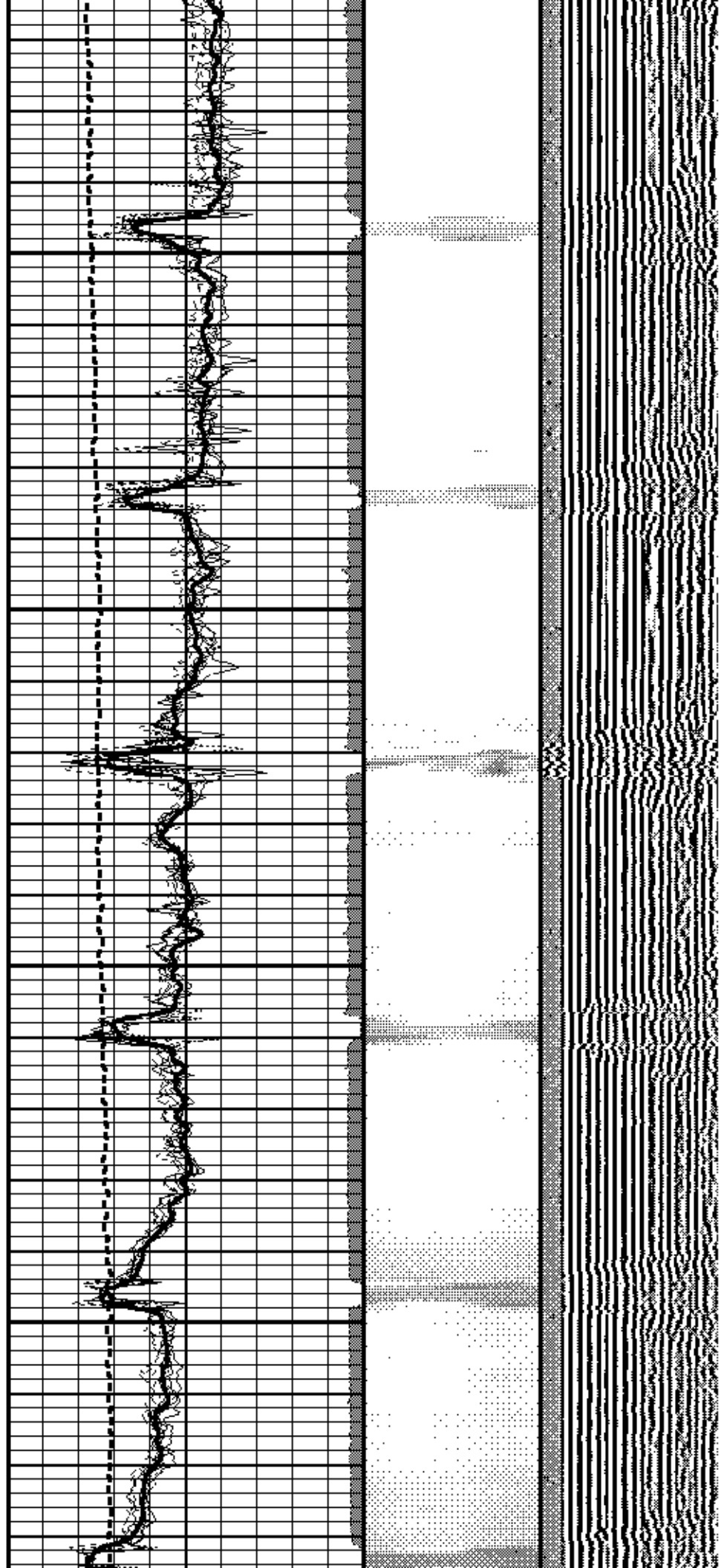
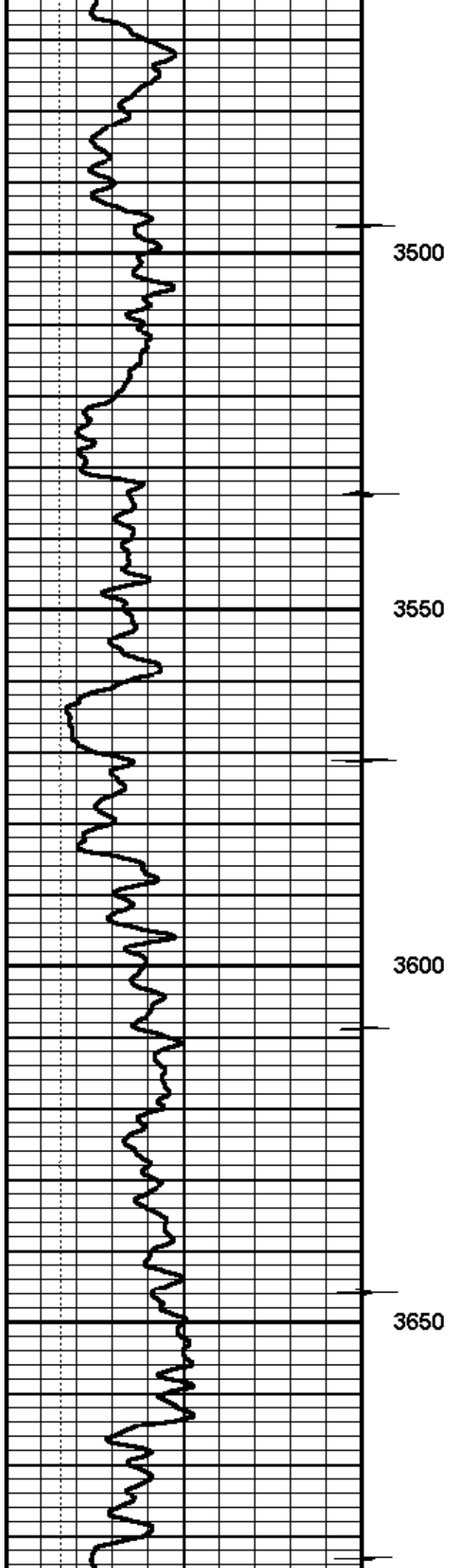


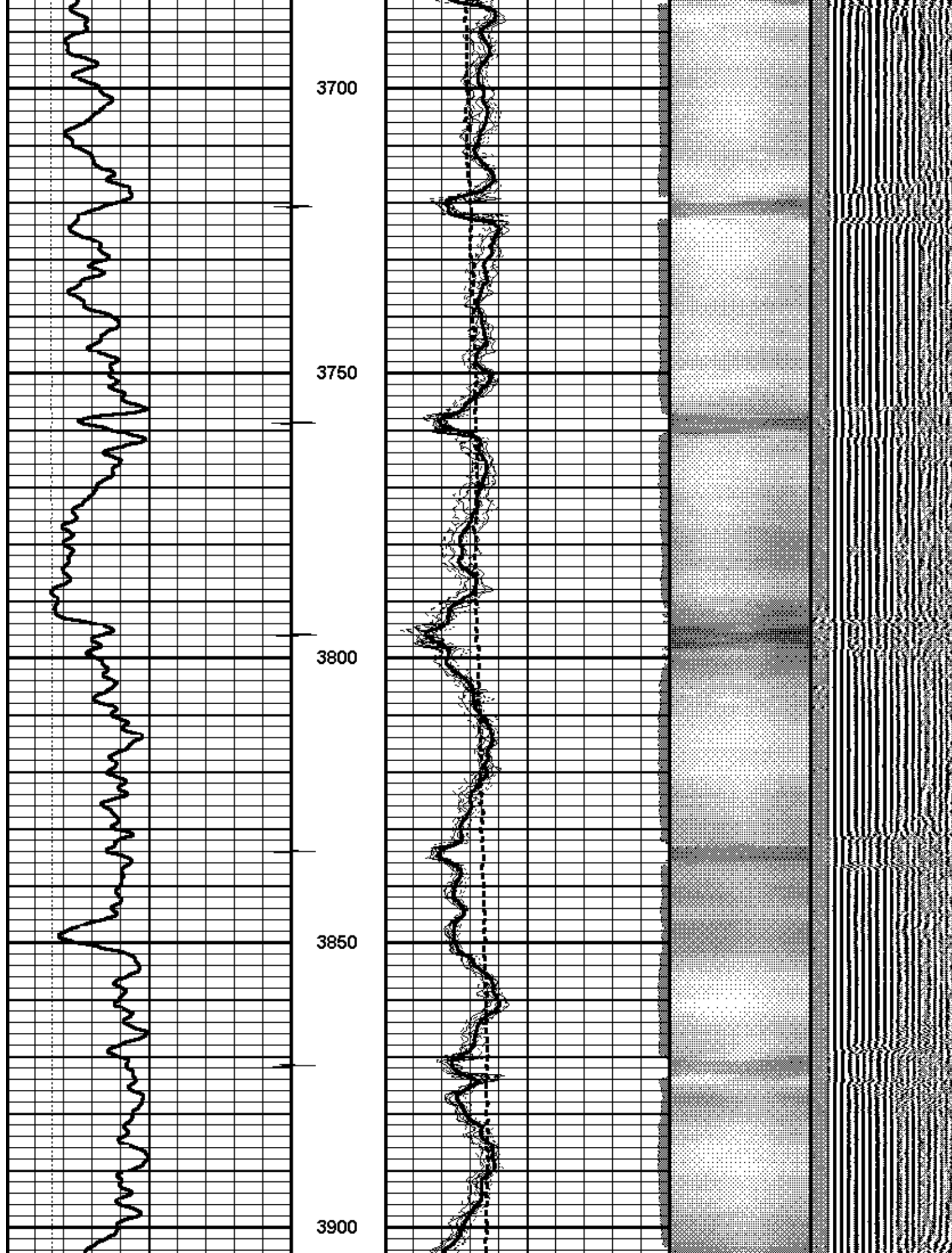


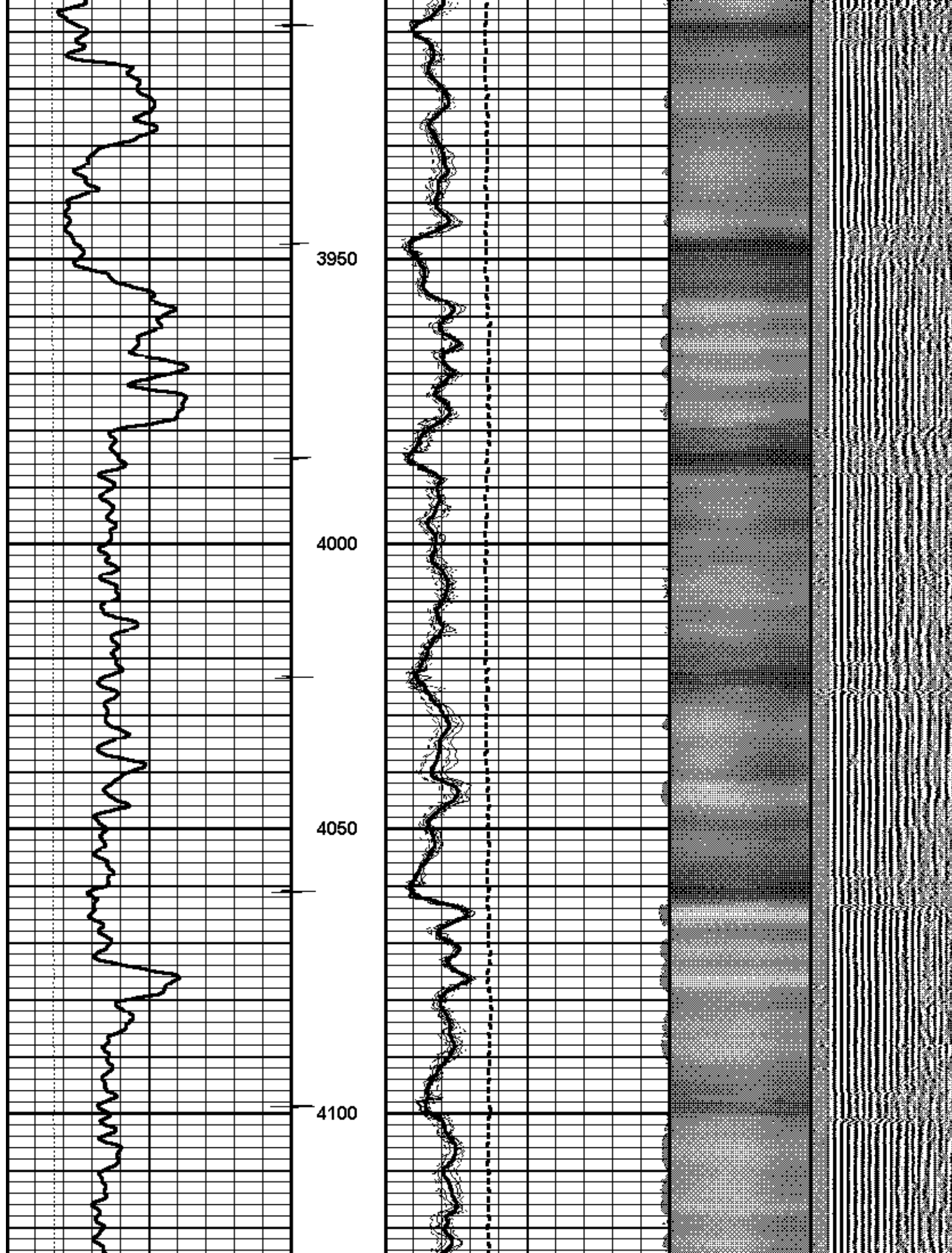


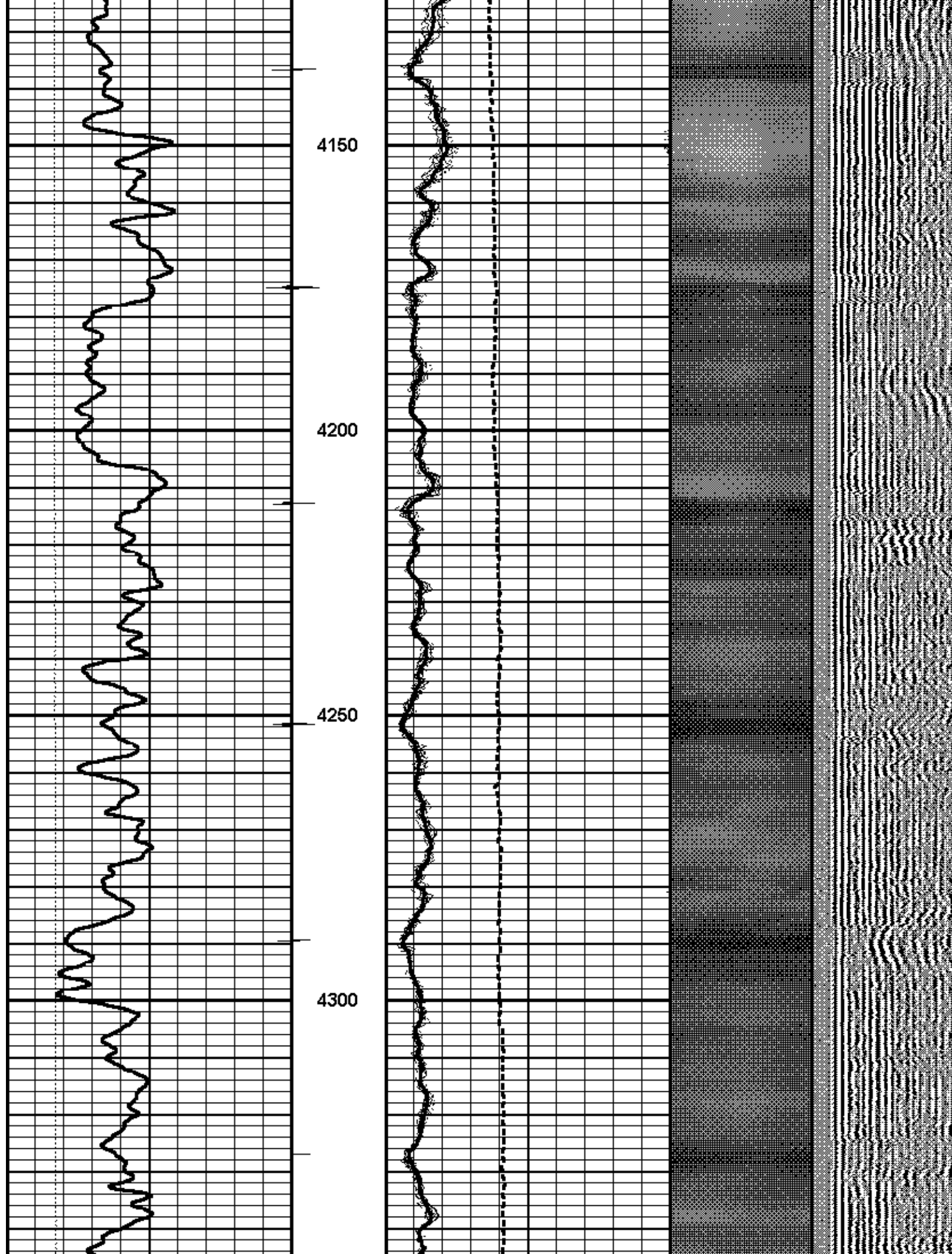


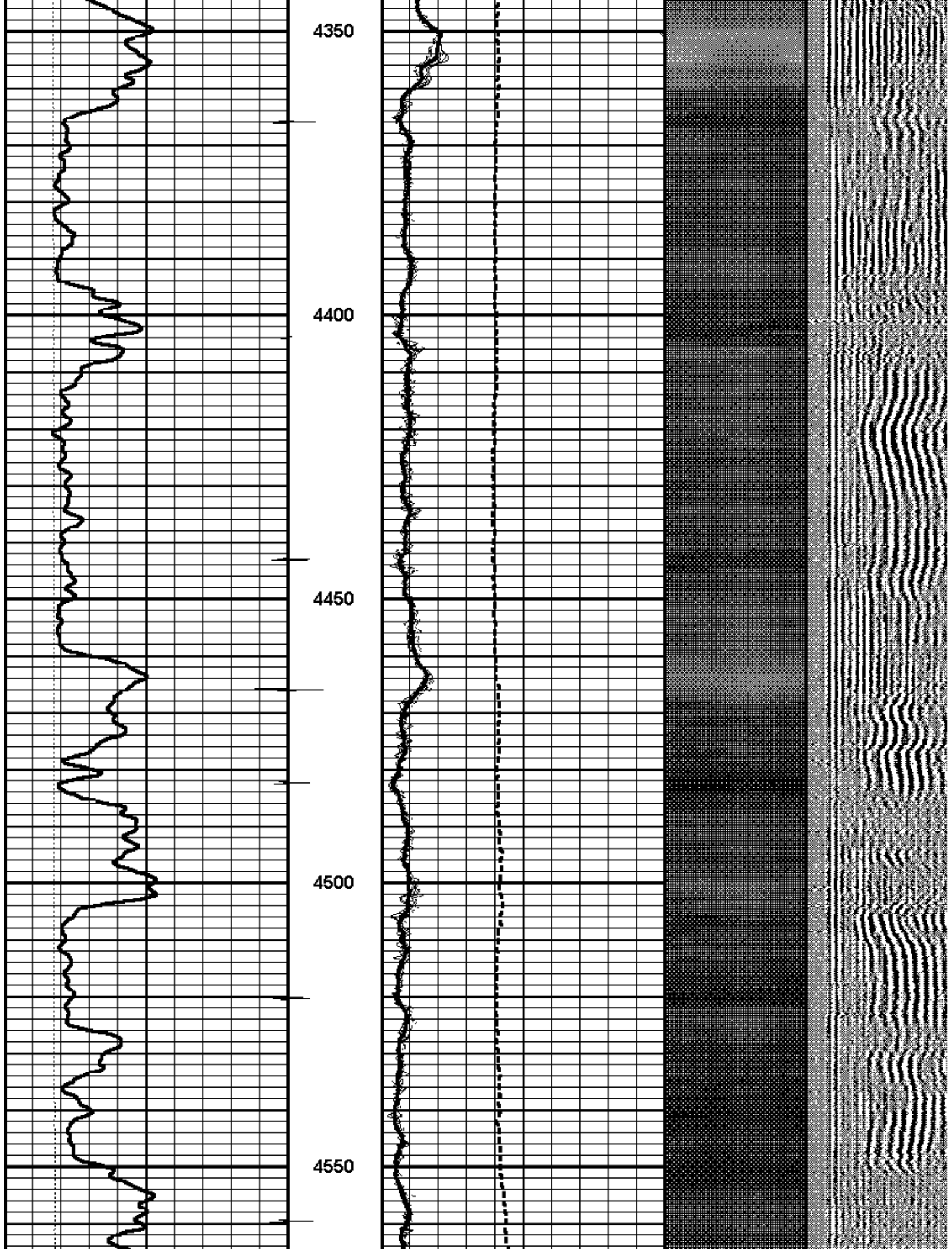


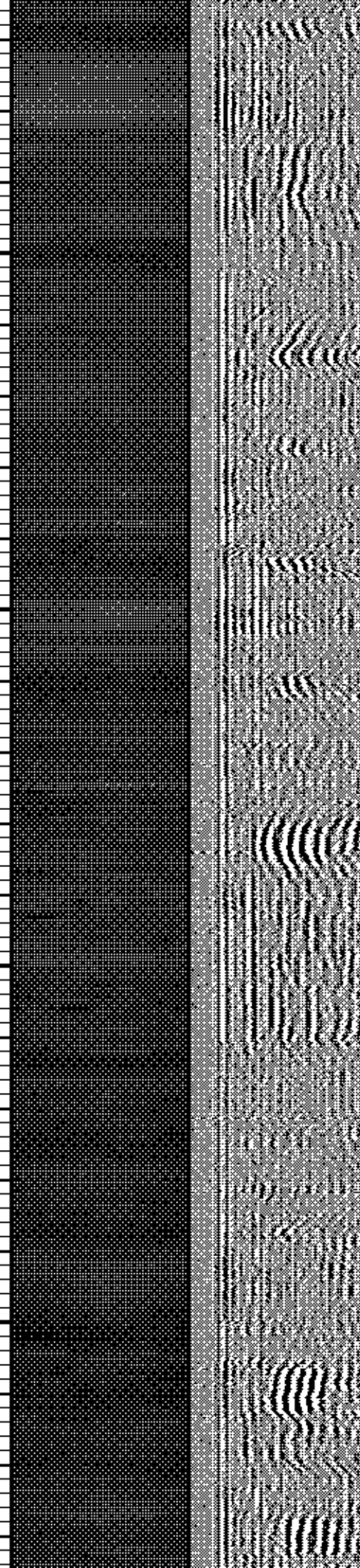
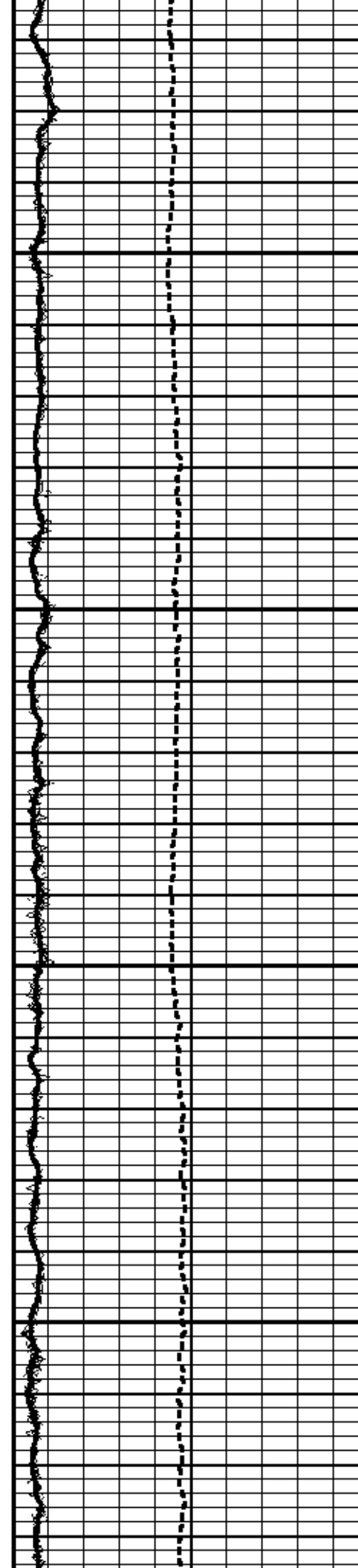
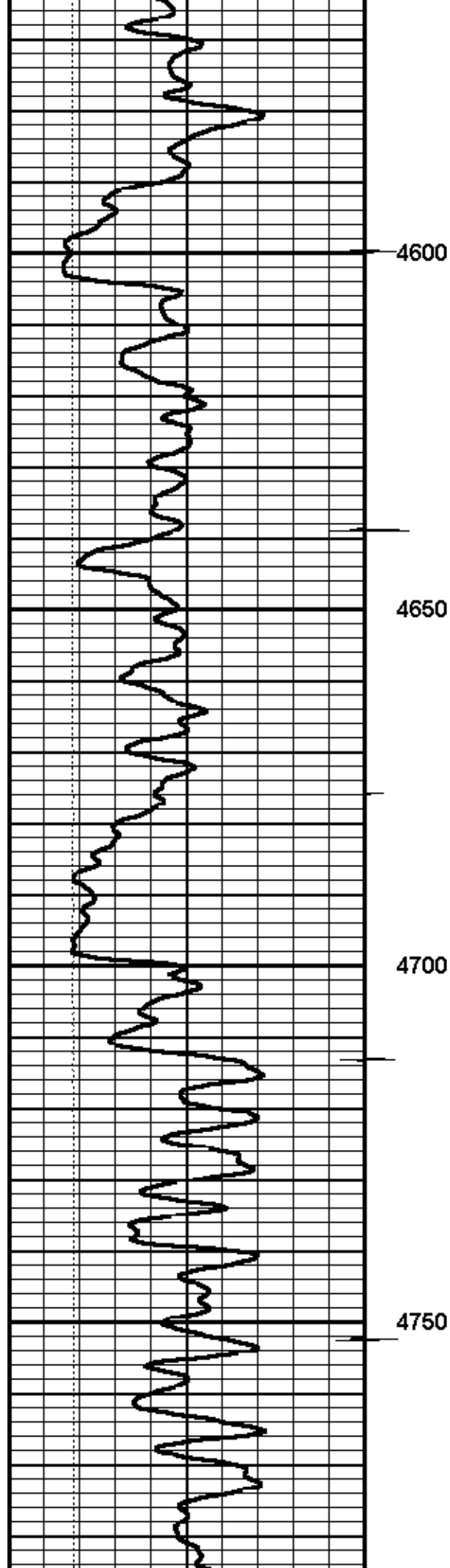


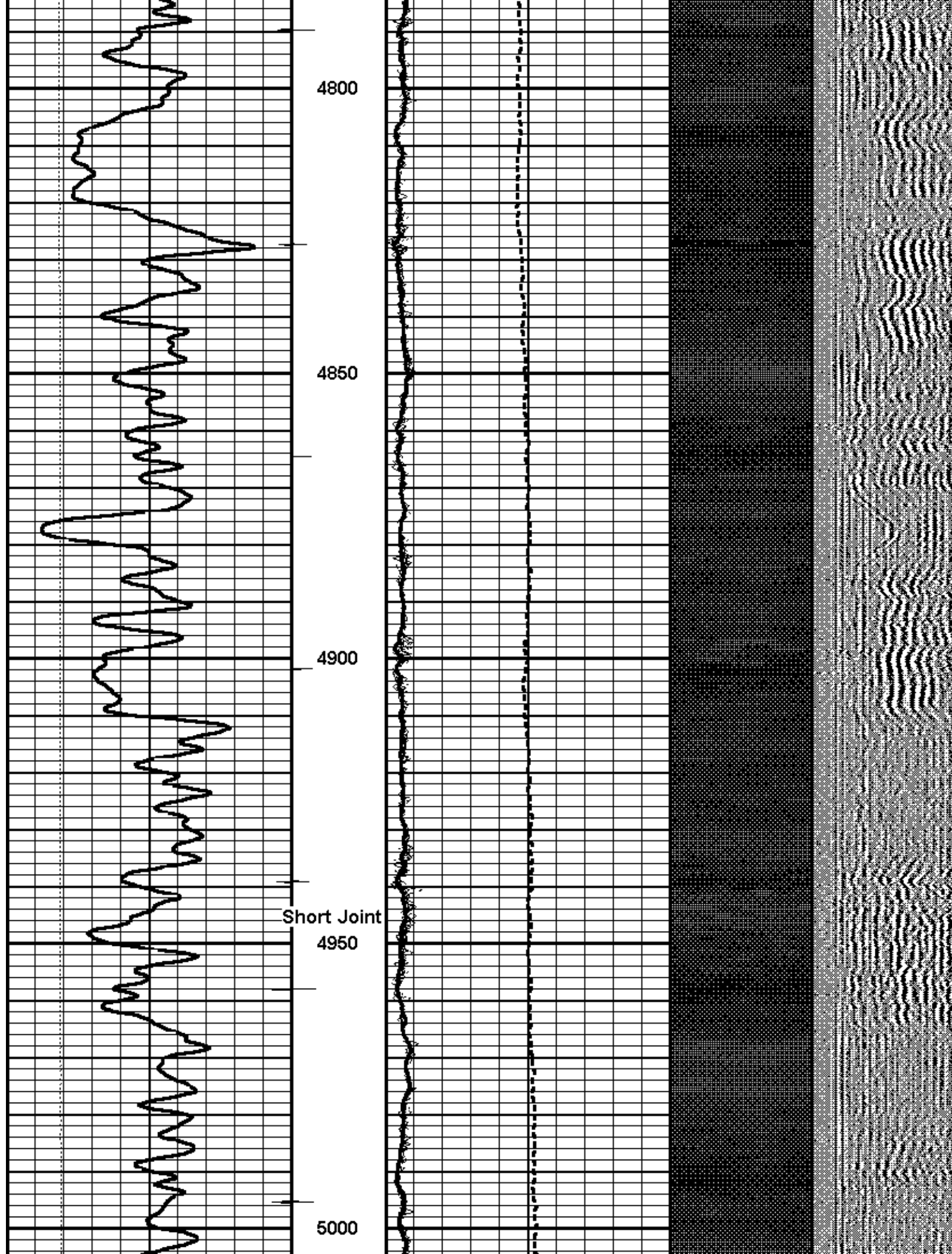


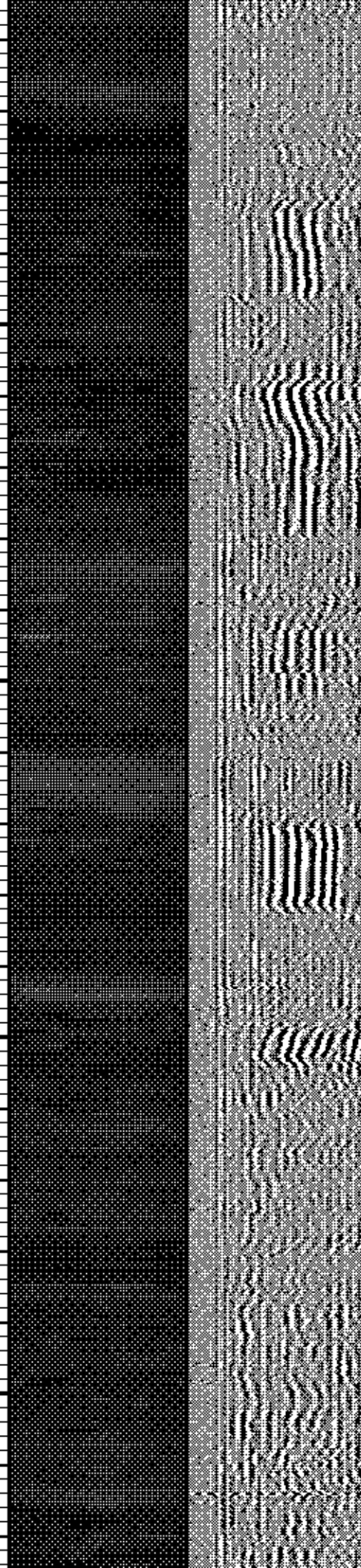
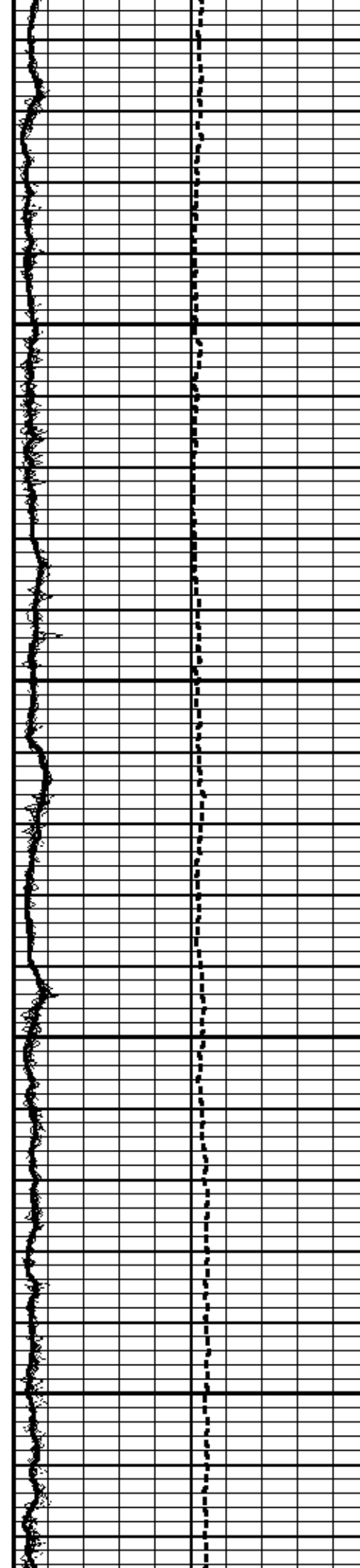
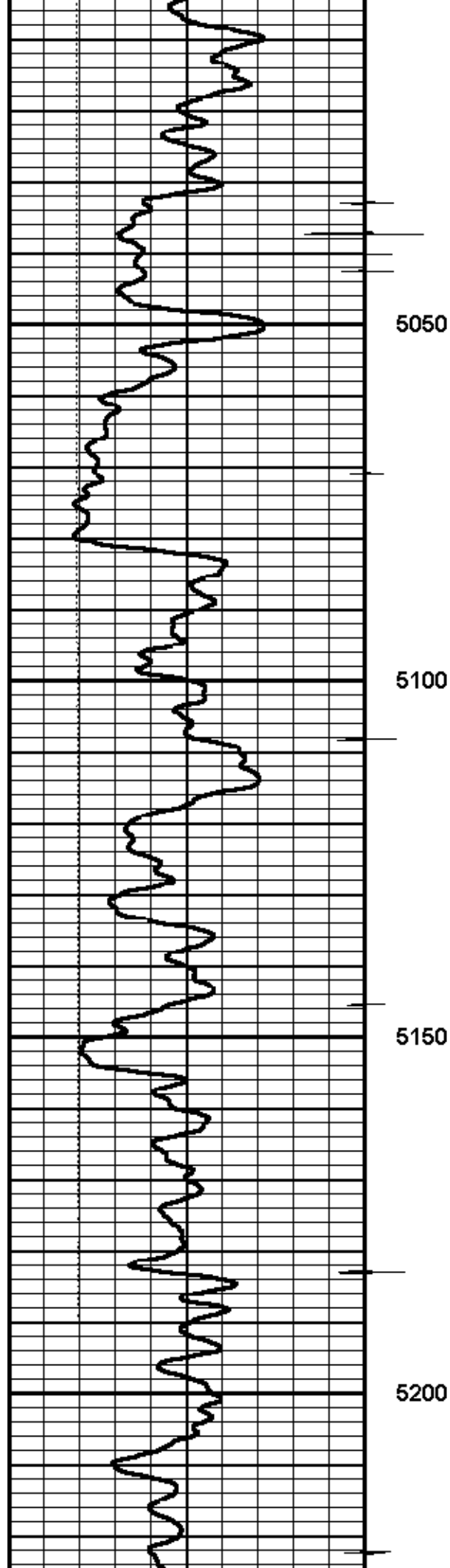


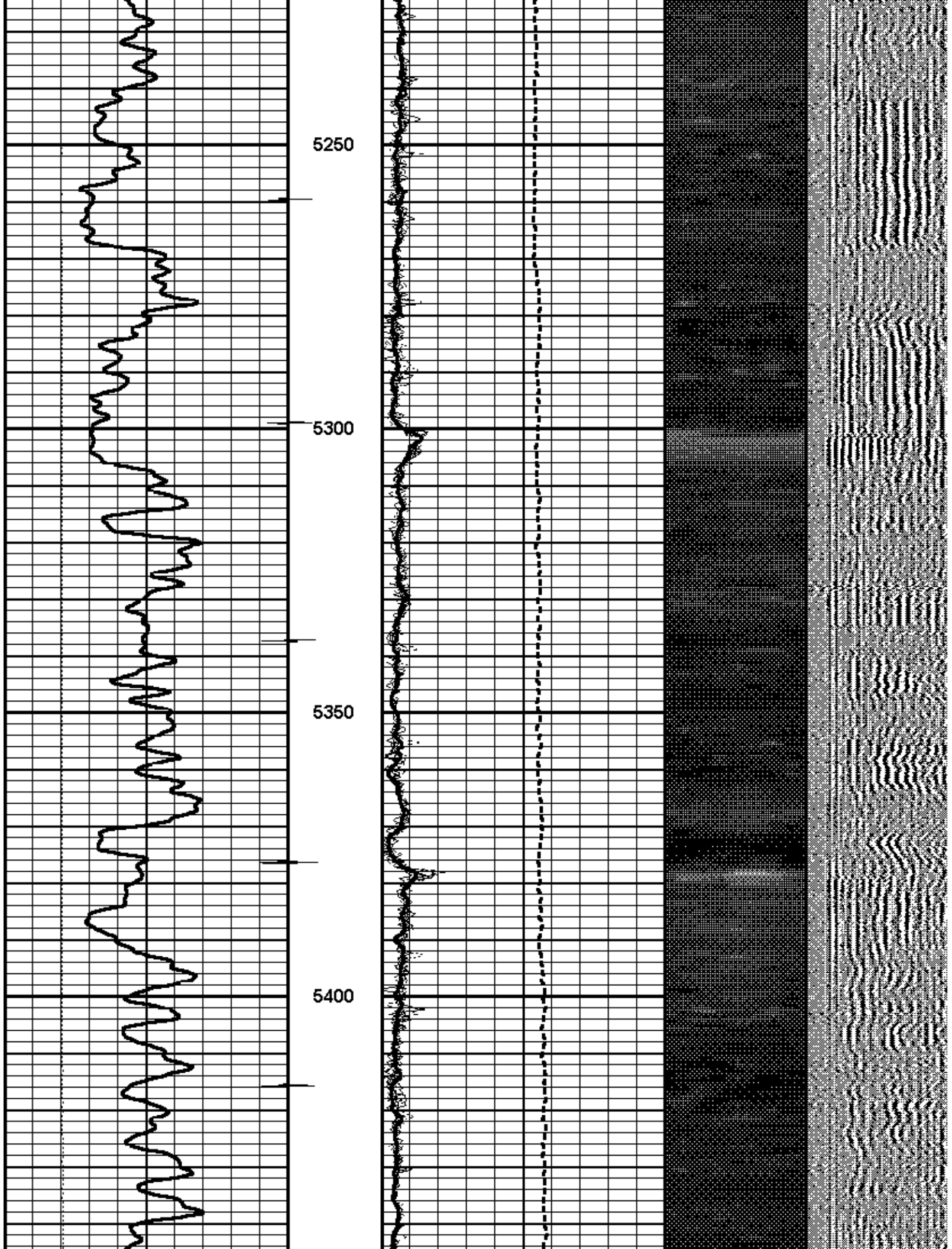


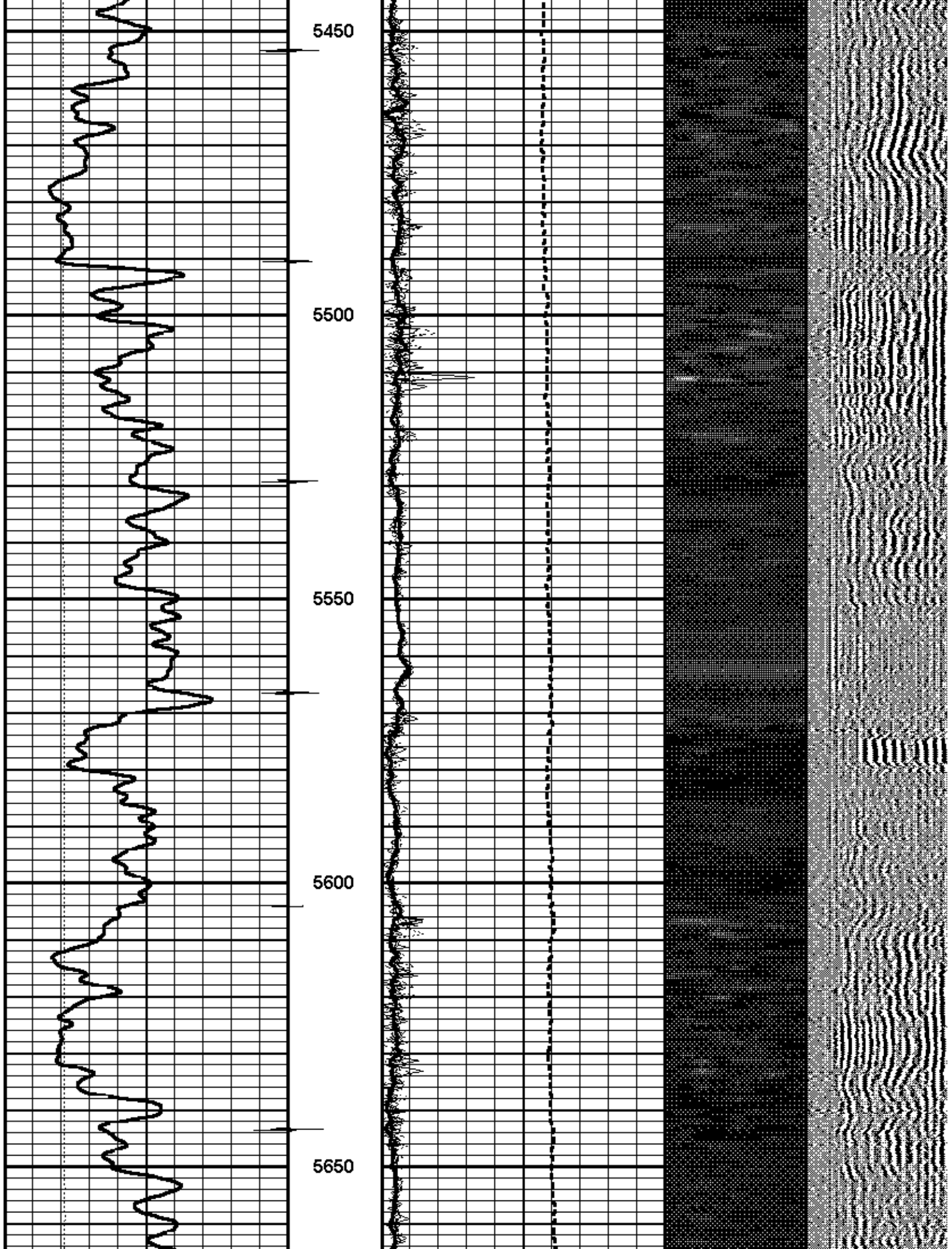


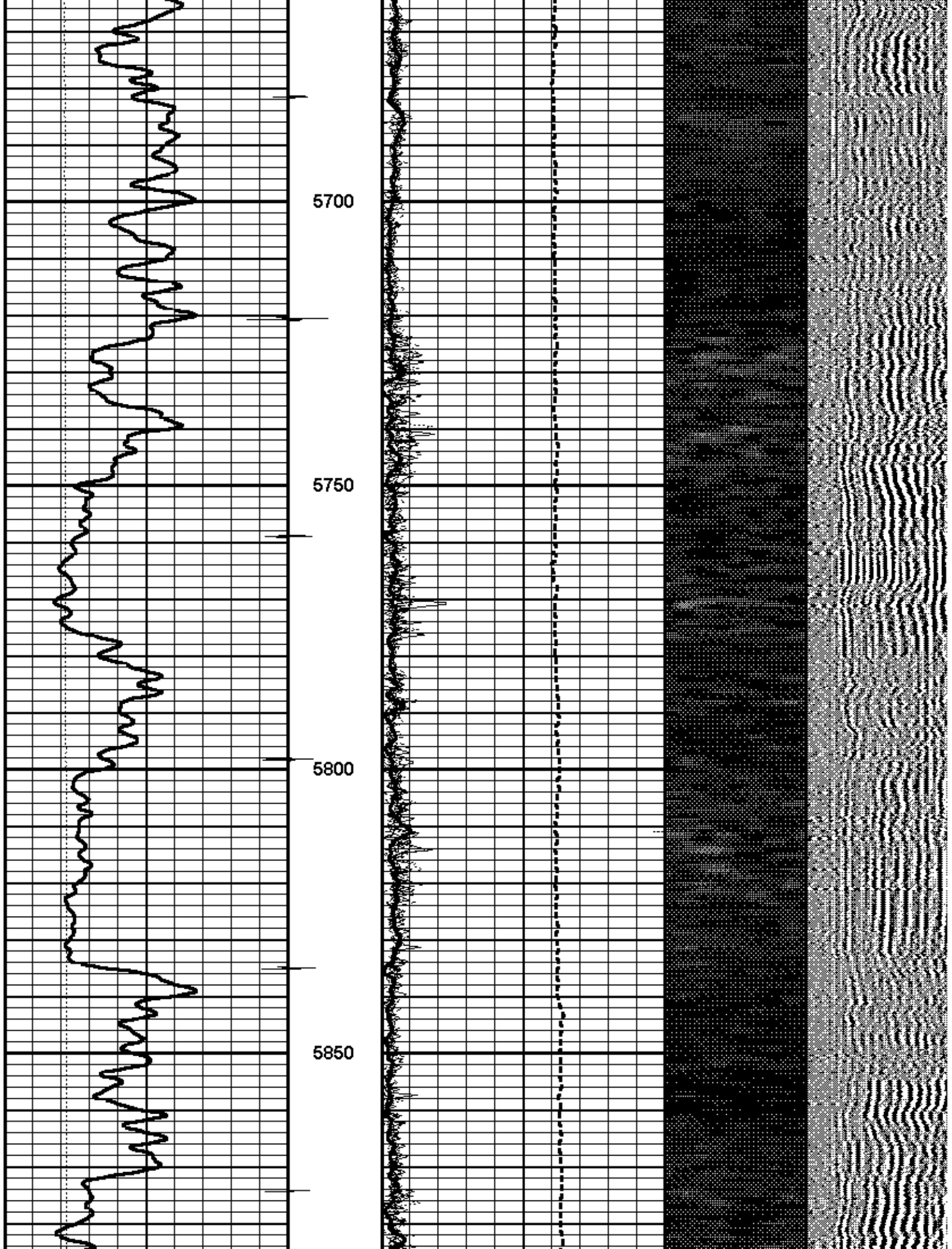


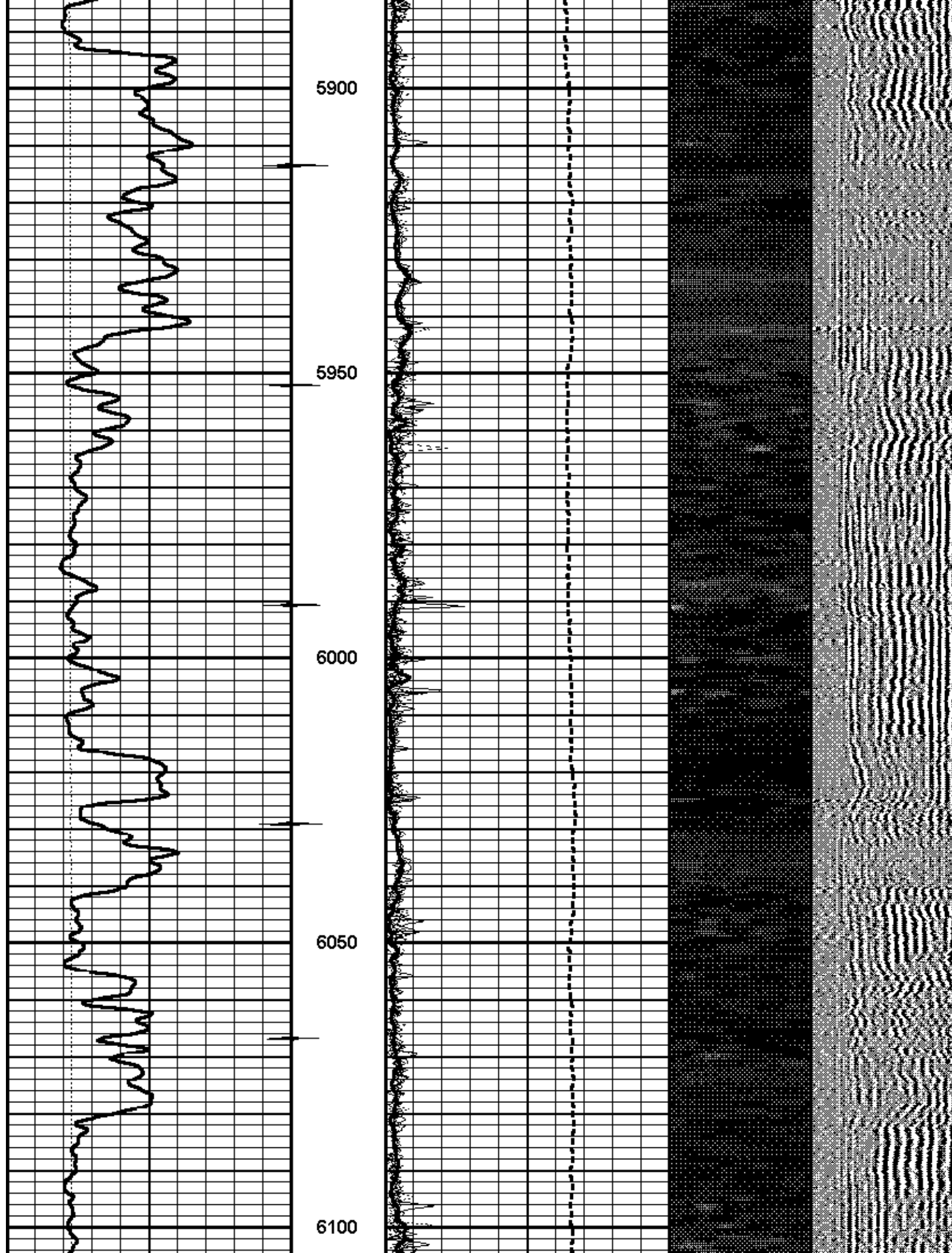


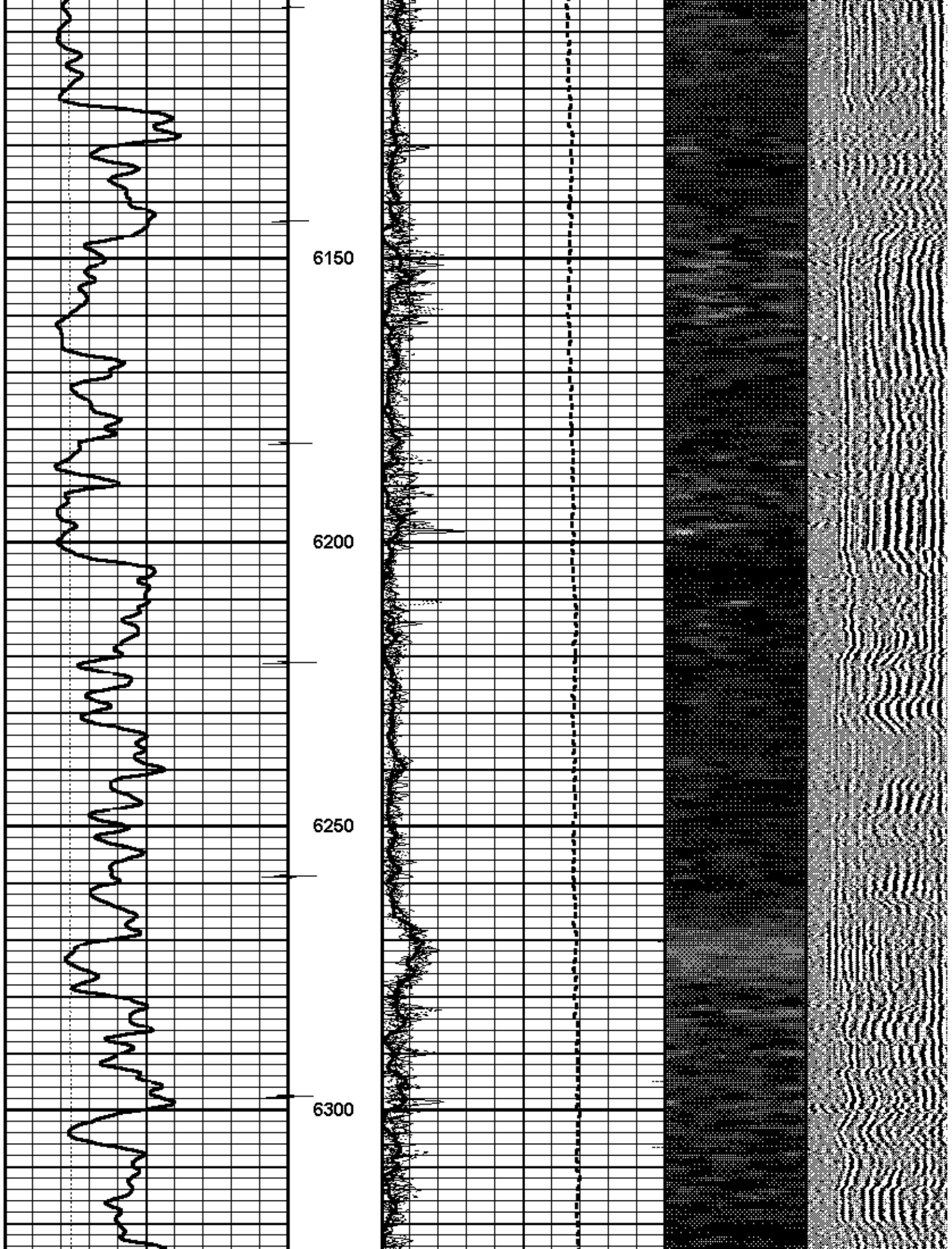


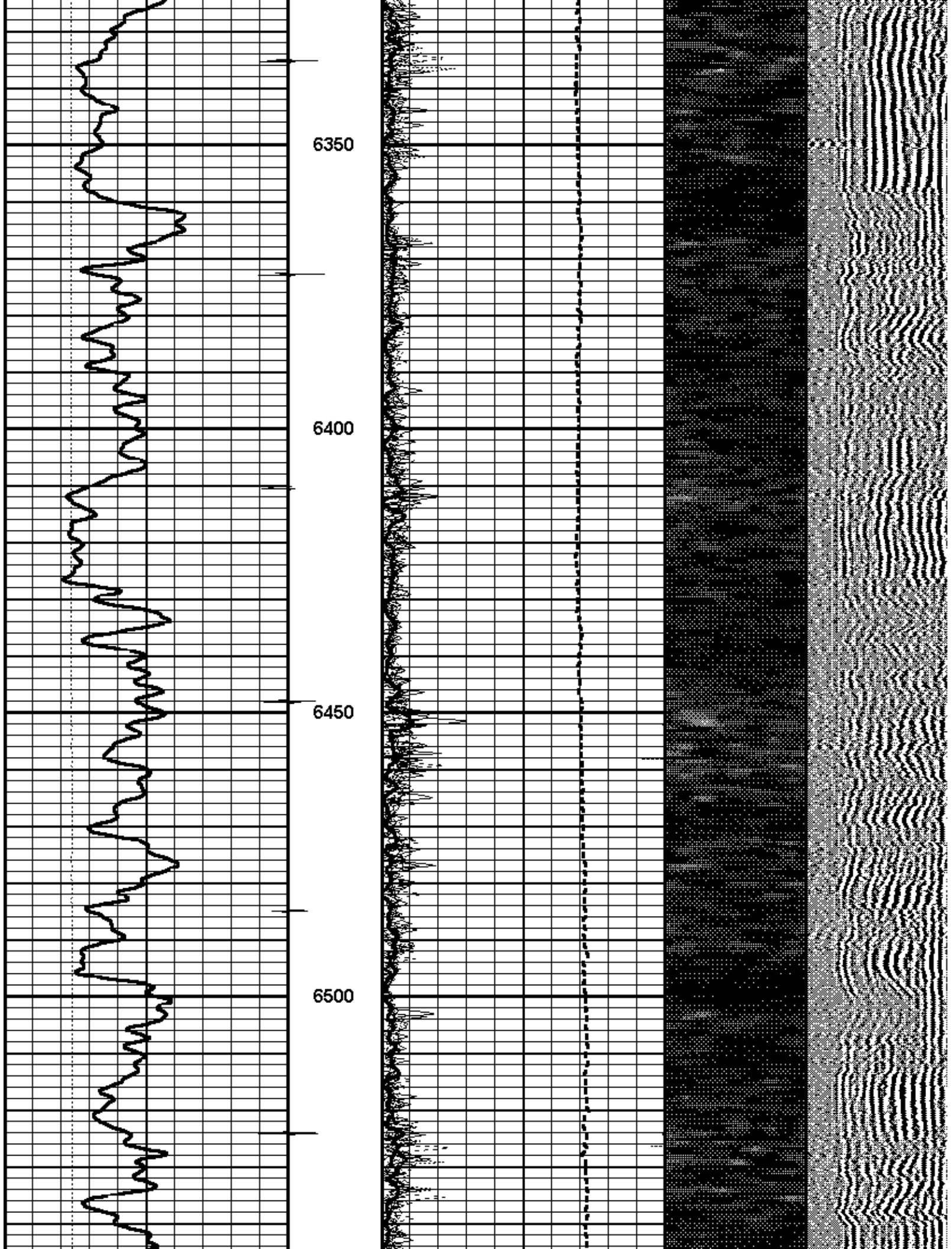


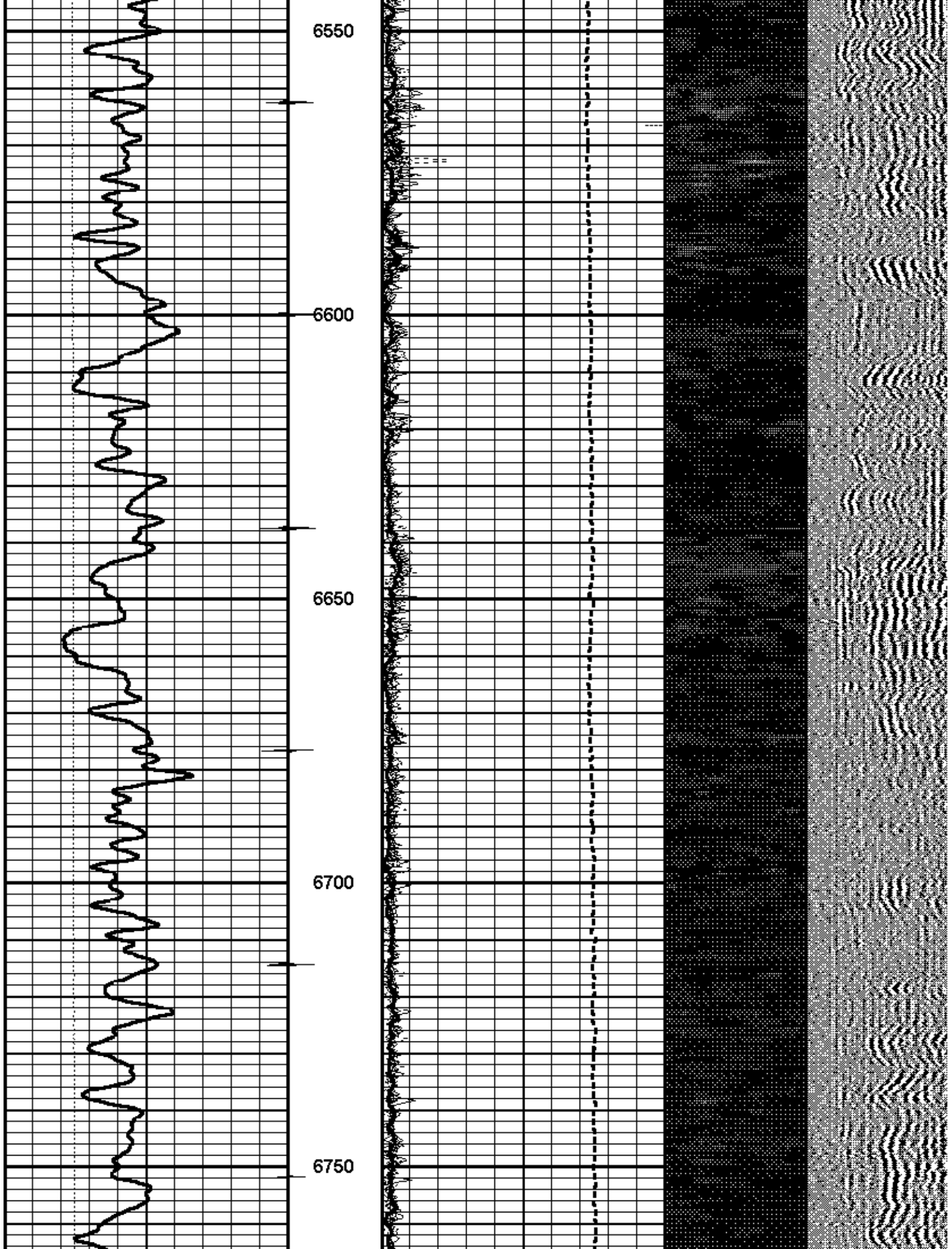


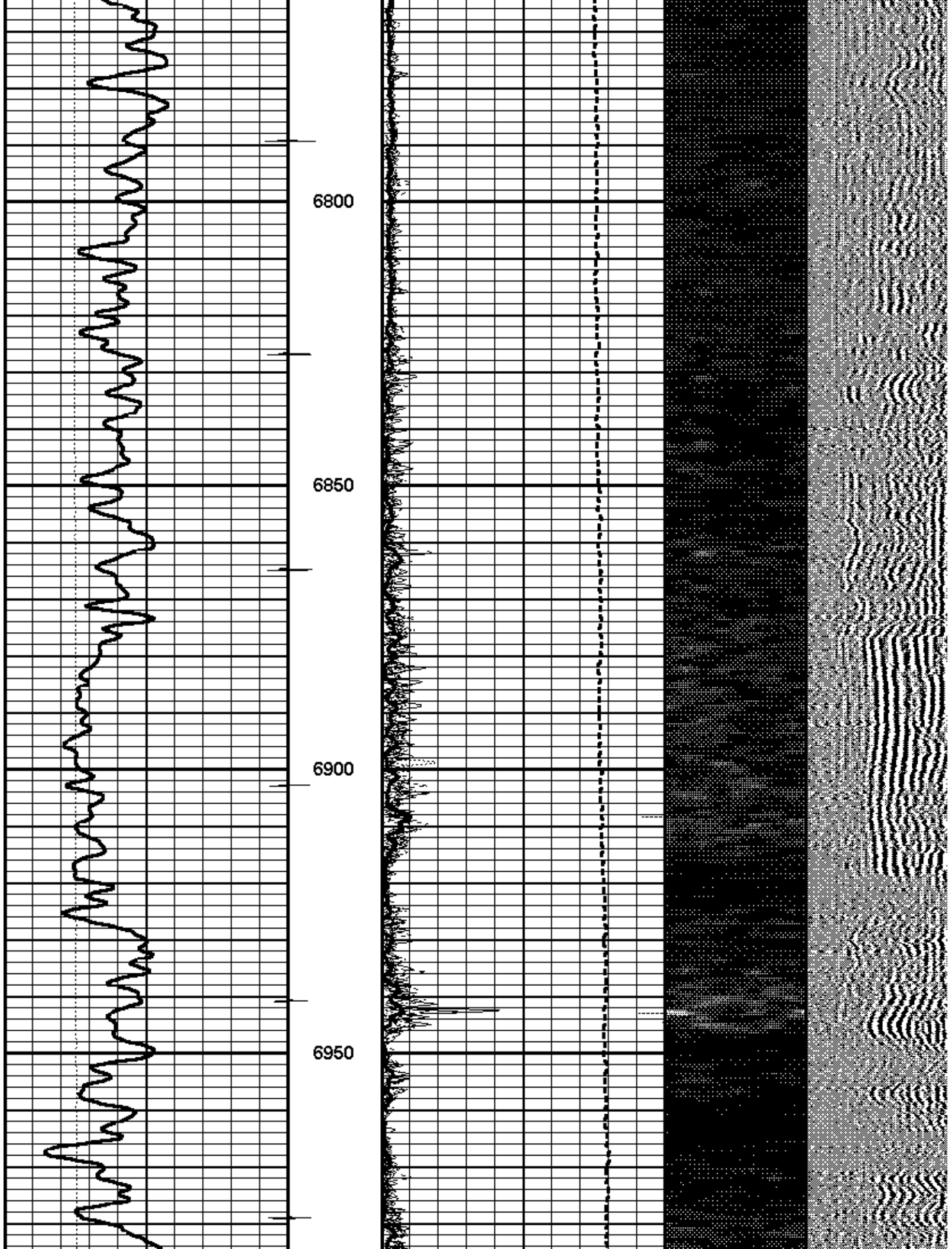


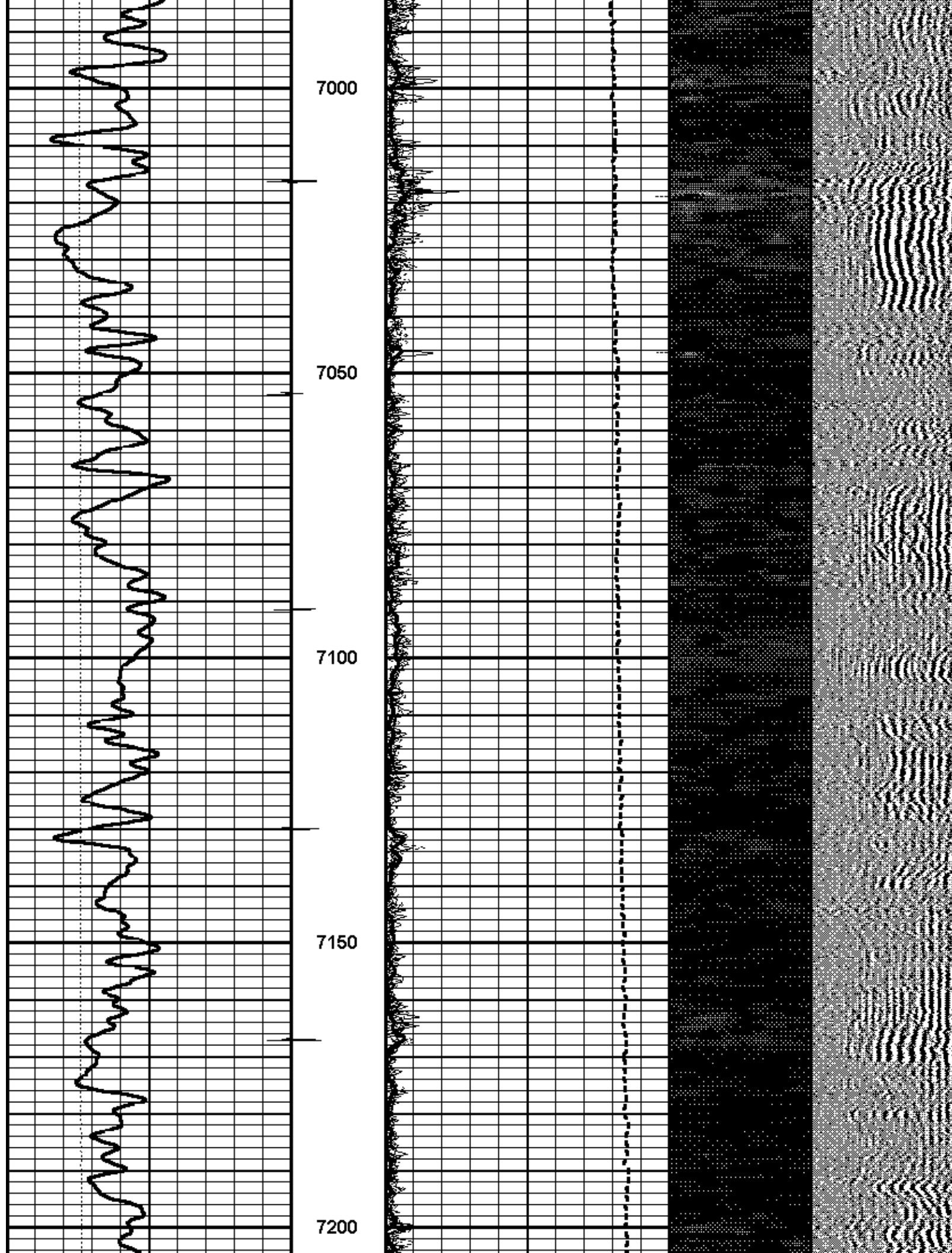












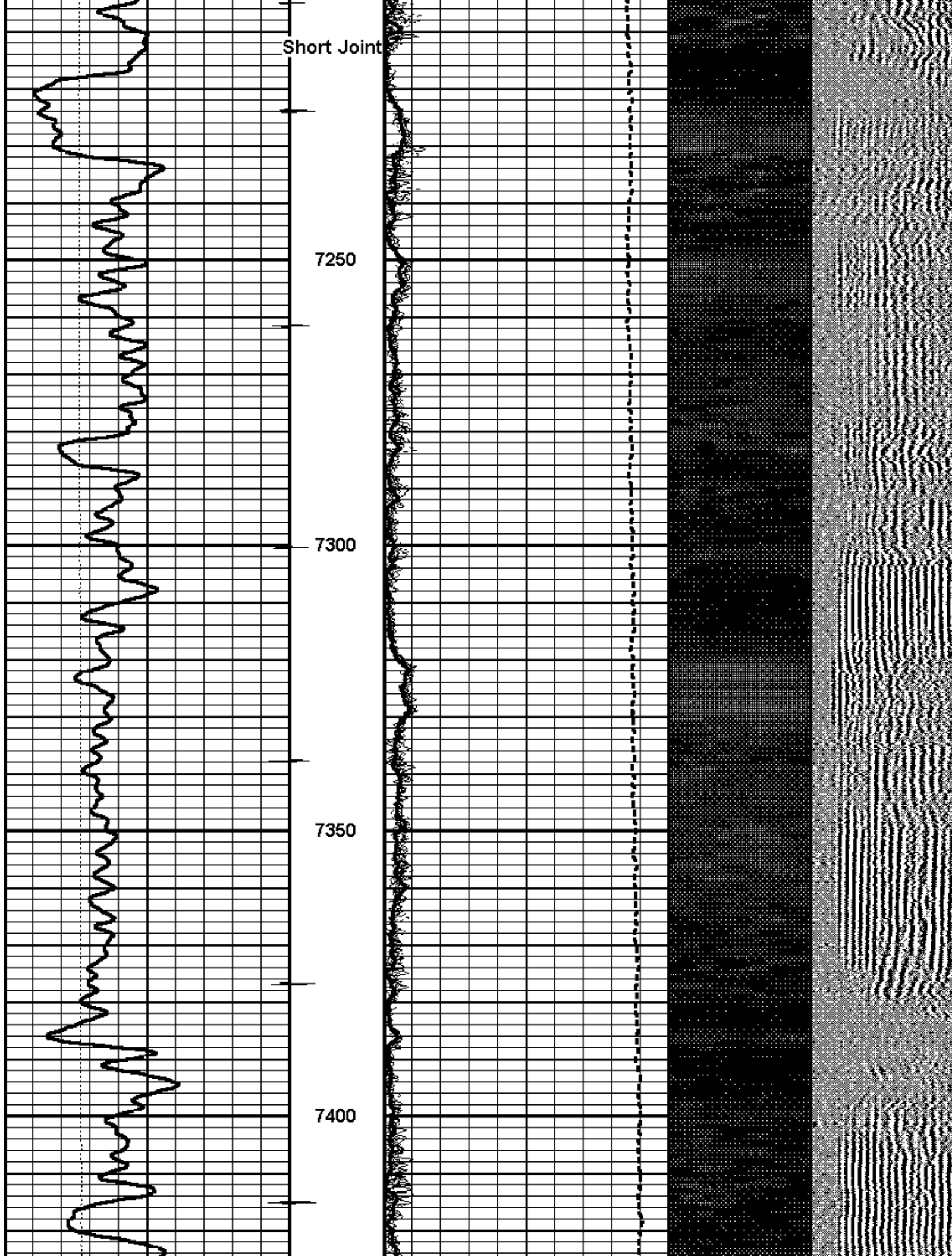
Short Joint

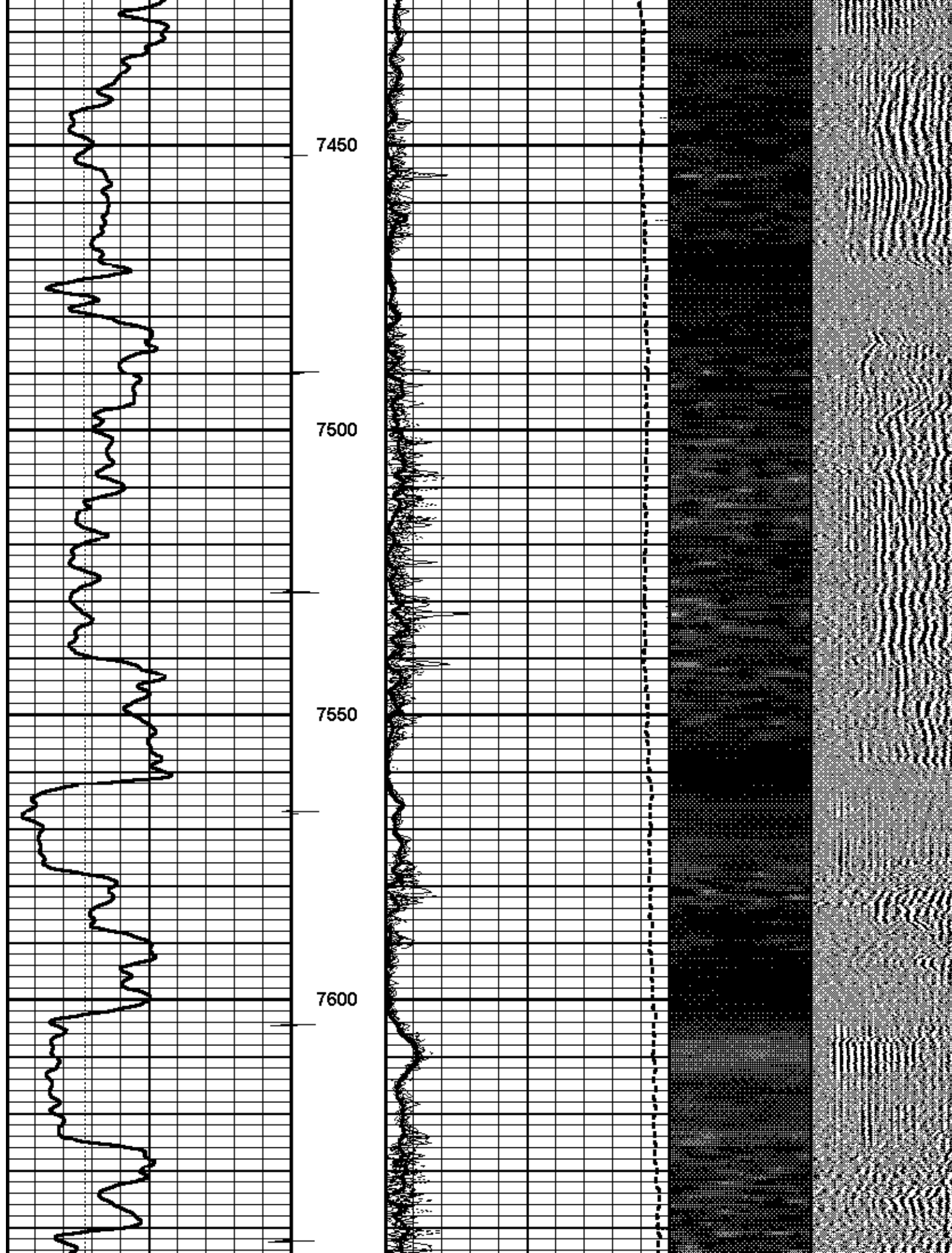
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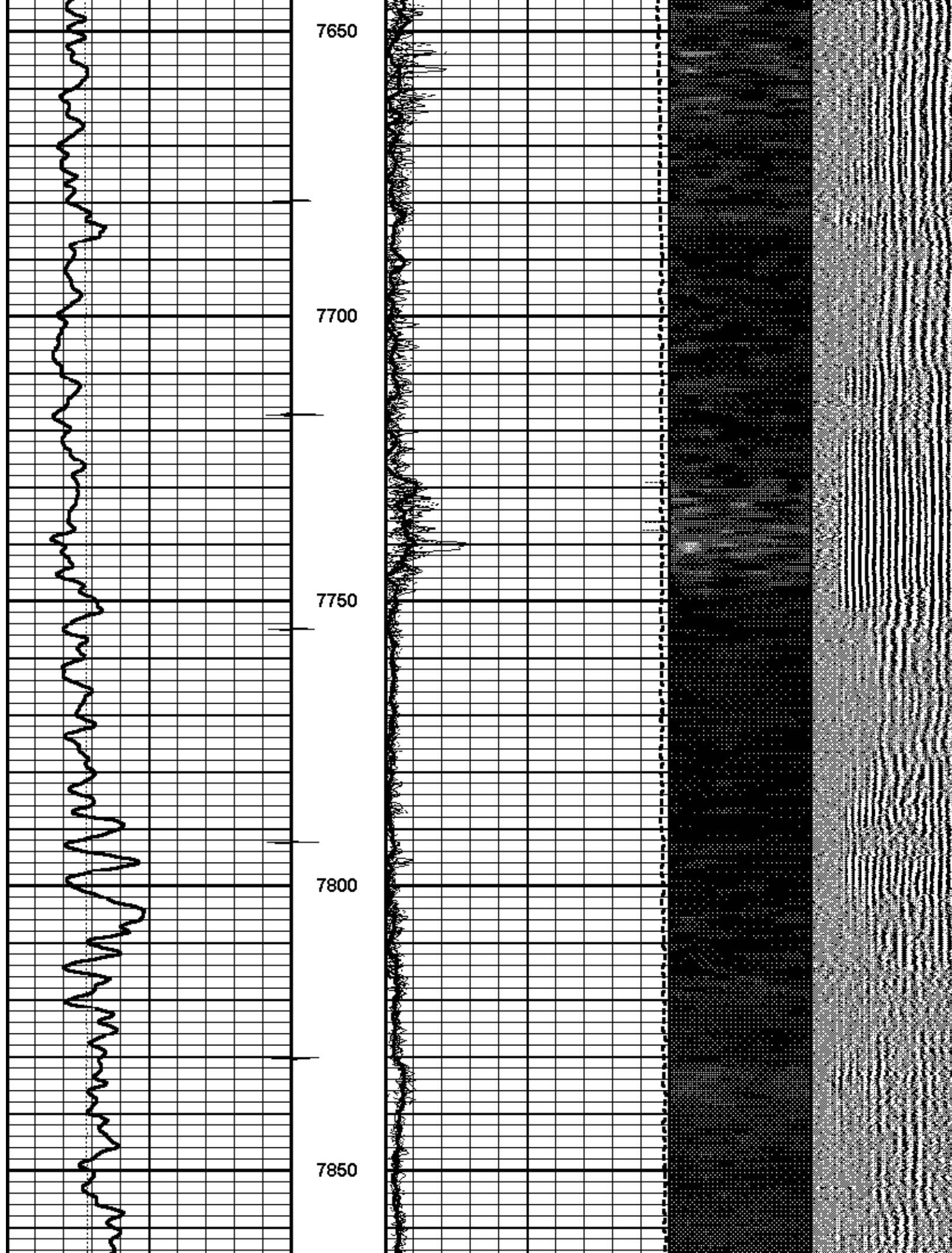
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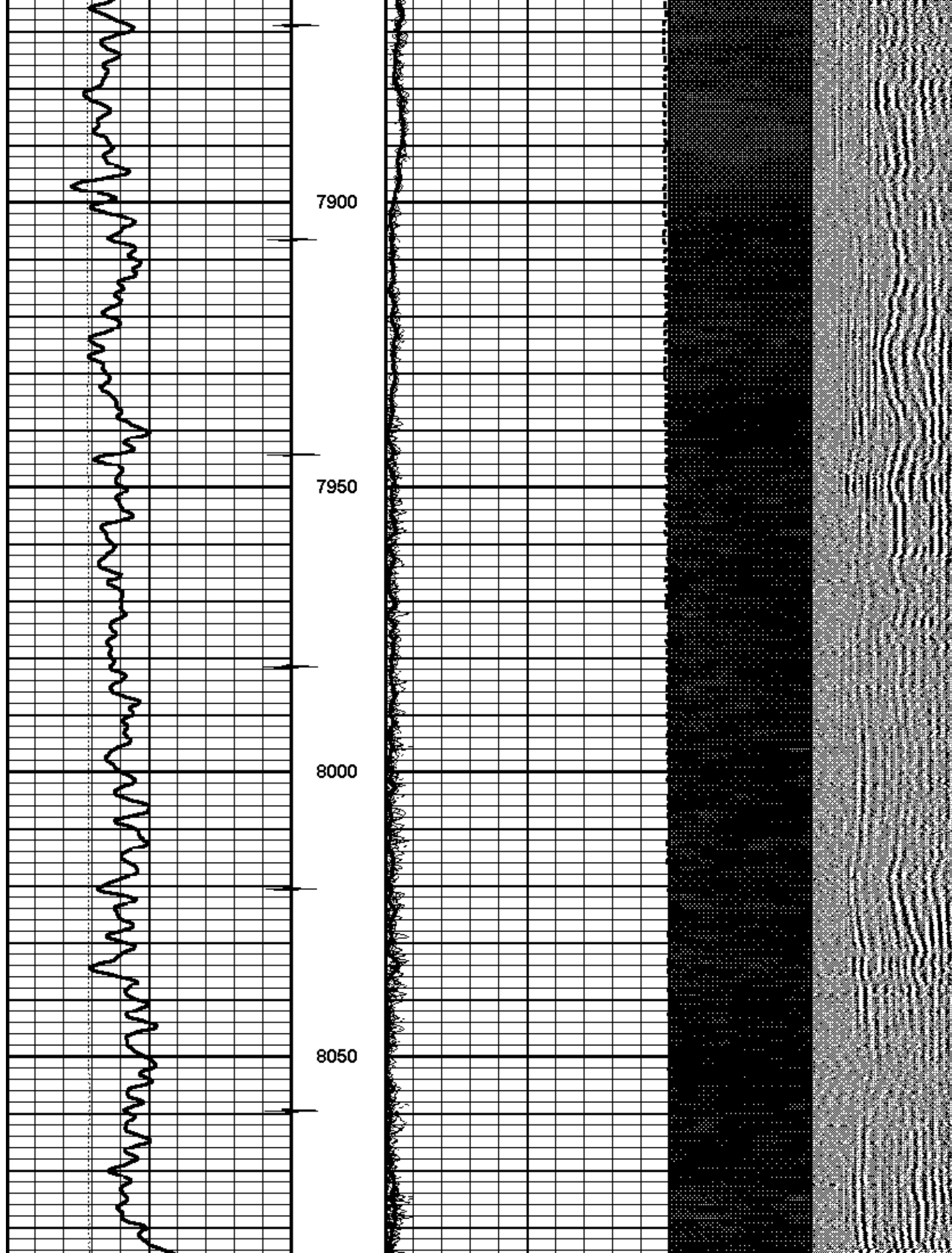
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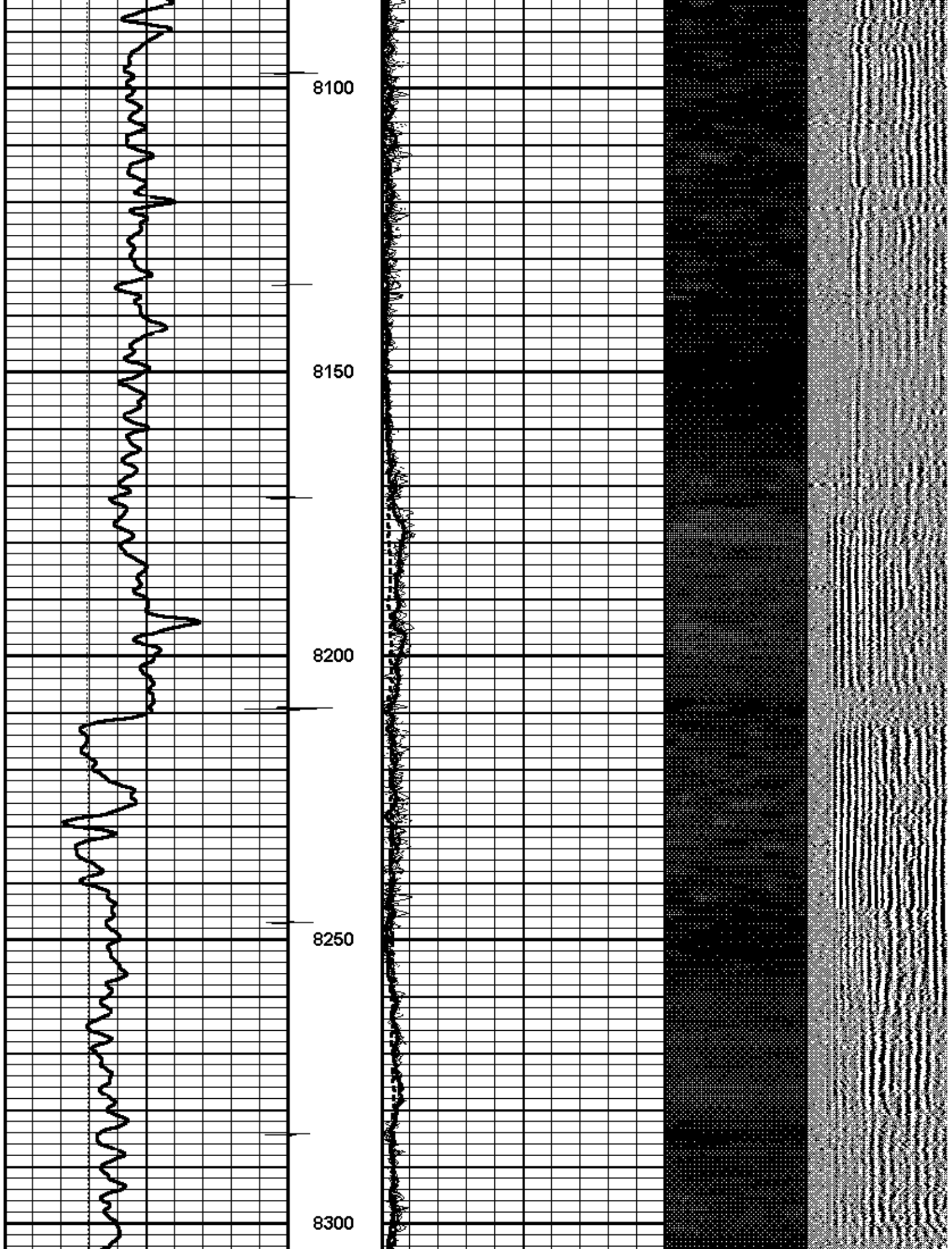
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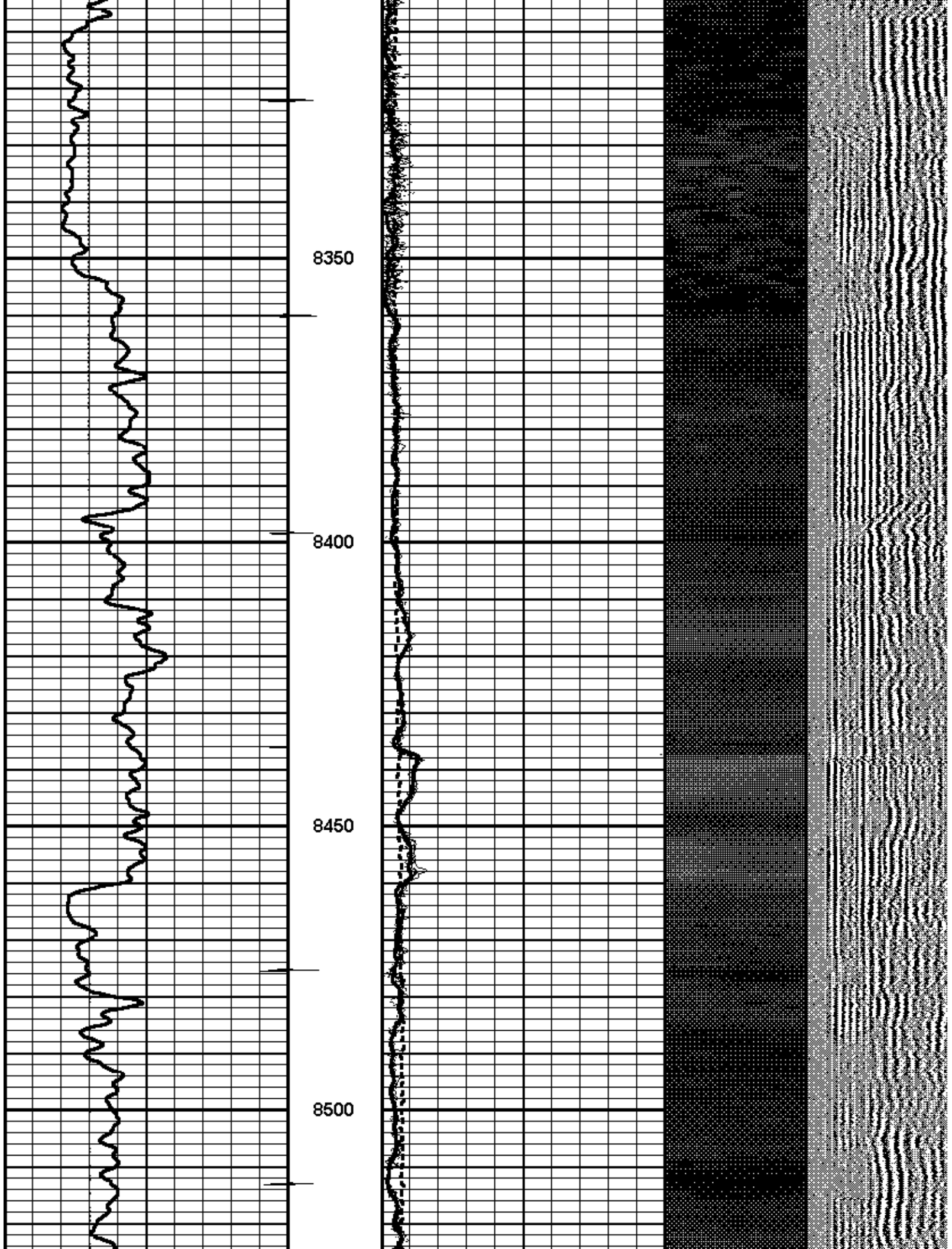


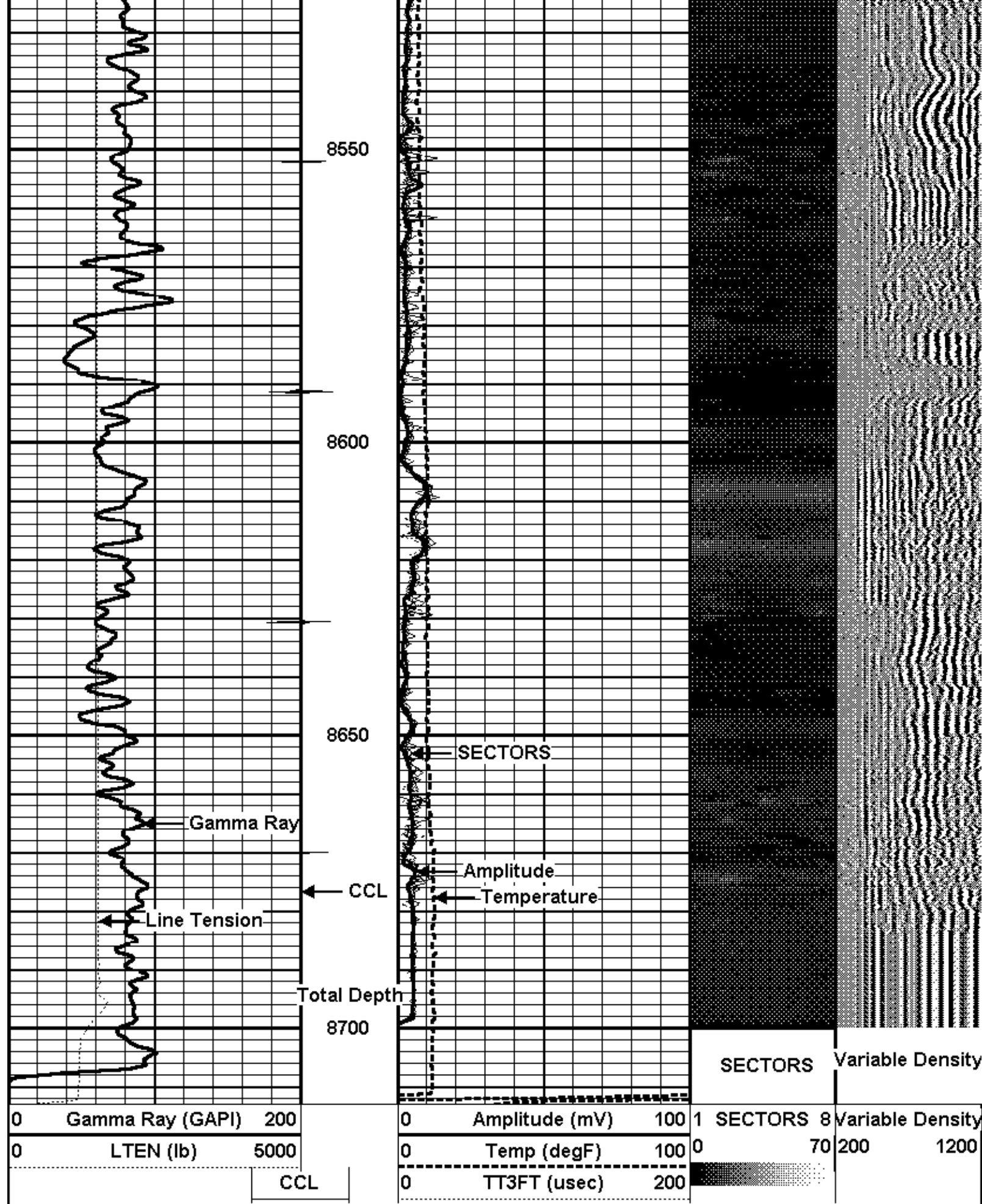














Well
Field
County
State

DEVER A13
MAMM CREEK
GARFIELD
COLORADO

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
CHD	23.91		TITAN	1.02	1.44	1.00
CCL	21.66		SNDX_CCL-SNDX_3_13_CCL (000001) CSS Gamma Ray/CCL (CCL Section)	1.92	3.13	11.02
CENT	20.97		SONDEX	2.71	2.75	32.00
WVFS3FT	13.92		SNDX_RBT-007 (000001) Radial Bond Tool - Analog 3 1/8	9.47	3.13	140.00
WVFS1	13.92					
WVFS2	13.92					
WVFS3	13.92					
WVFS4	13.92					
WVFS5	13.92					
WVFS6	13.92					
WVFS7	13.92					
WVFS8	13.92					
WVFS5FT	12.92					
CENT	8.73		SONDEX	2.71	2.75	32.00
GR	5.17		SNDX_GR-SNDX_3_13_GR (000001) Sondex Production Gamma Ray	2.94	3.13	22.05
			TEMP-SNDX_TEMP (SNDX_TEMP_01) Sondex Production Temperature Tool	3.14	1.63	10.00

