

CEMENT BOND LOG
GAMMA RAY
CCL

Company KERR-McGEE OIL & GAS ONSHORE LP
Well INVESTMENT-USX WV 7-17
Field WATTENBERG
County WELD
State COLORADO

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Location: API # : 05-123-09524
SHL: 1318' FNL & 1313' FEL NE
Other Services
SEC 7 TWP 1N RGE 67W
Permanent Datum GL Elevation 5078'
Log Measured From KB 10'
Drilling Measured From KB
Elevation
K.B. 5088'
D.F. 5087'
G.L. 5078'

Date 4-15-2014

Run Number ONE
Depth Driller 8350'
Depth Logger 7694'
Bottom Logged Interval 7691'
Top Log Interval Surface
Open Hole Size 7 7/8
Type Fluid WATER
Density / Viscosity 1.0
Max. Recorded Temp. 224 Deg. F
Estimated Cement Top 7450'
Time Well Ready N/A
Time Logger on Bottom N/A
Equipment Number 5432
Location GREELEY, CO
Recorded By M. JANDREAU
Witnessed By RON SMITH

Borehole Record
Run Number Bit From To Size Weight From To
ONE
TWO

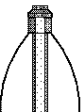
Casing Record
Surface String Size 8 5/8 Wgt/Ft 24# Top 0 Bottom 253'
Prot. String
Production String 4 1/2" 11.6# 0 8350'
Liner

<<< Fold Here >>>

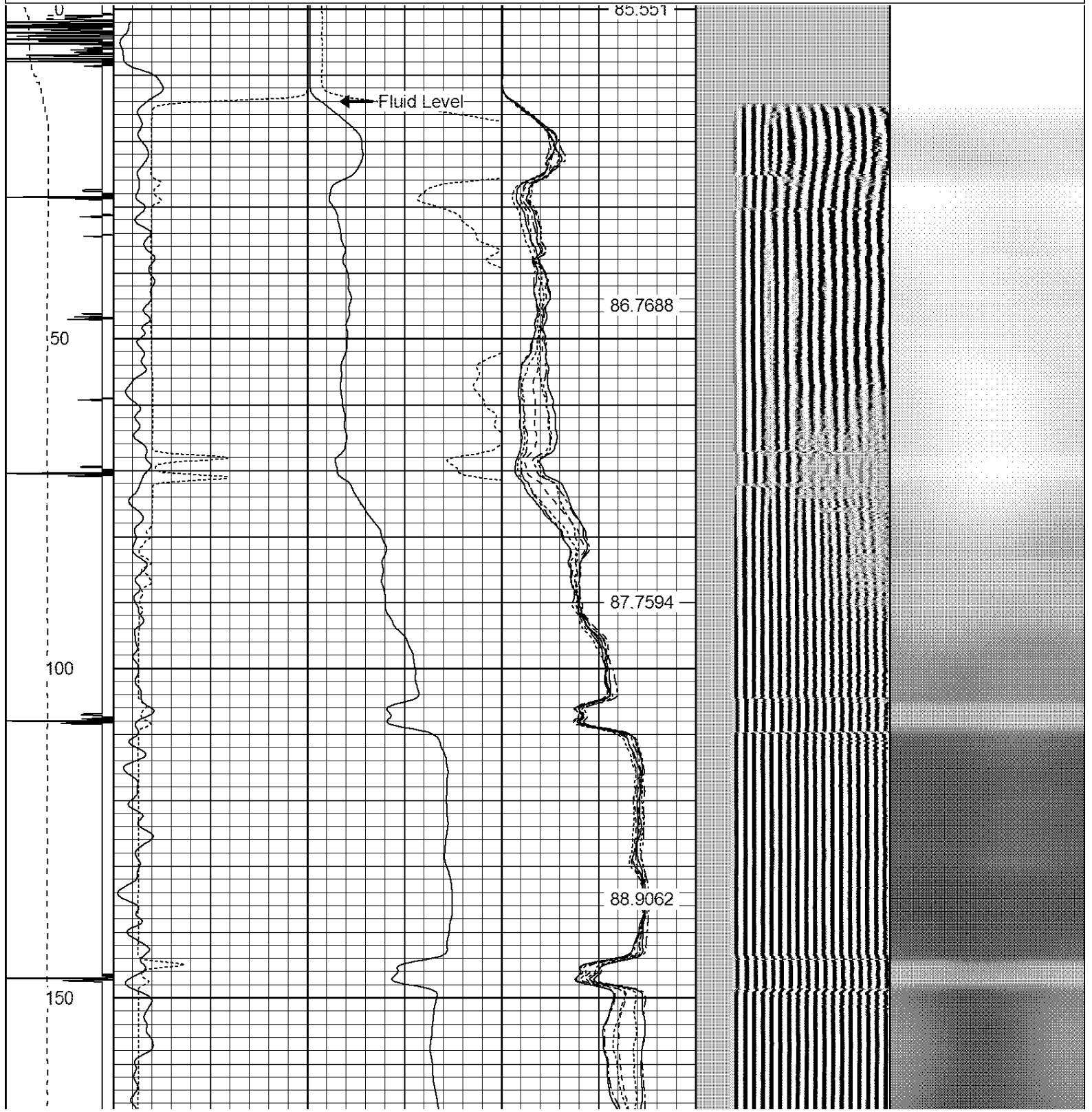
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

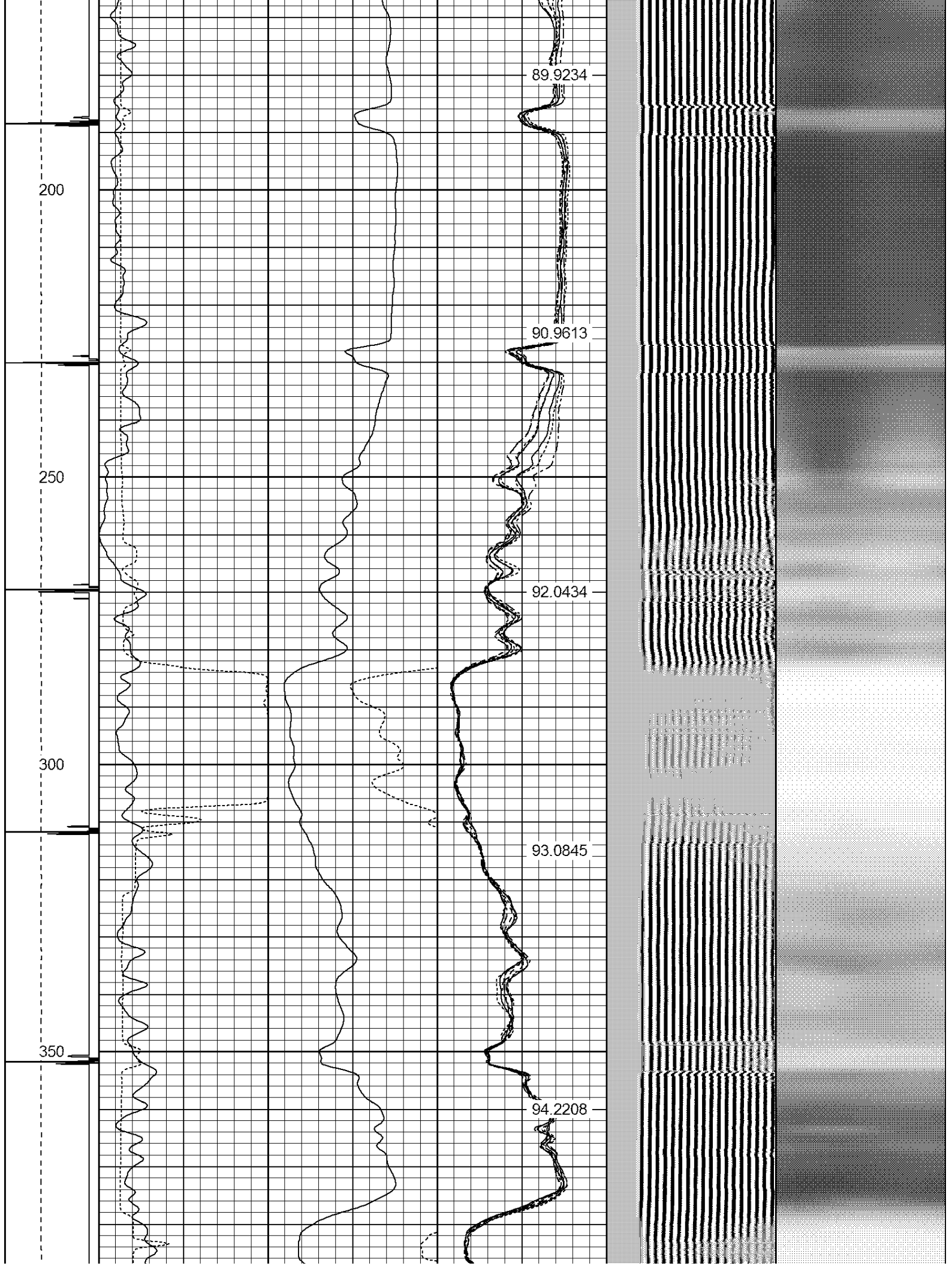
Comments

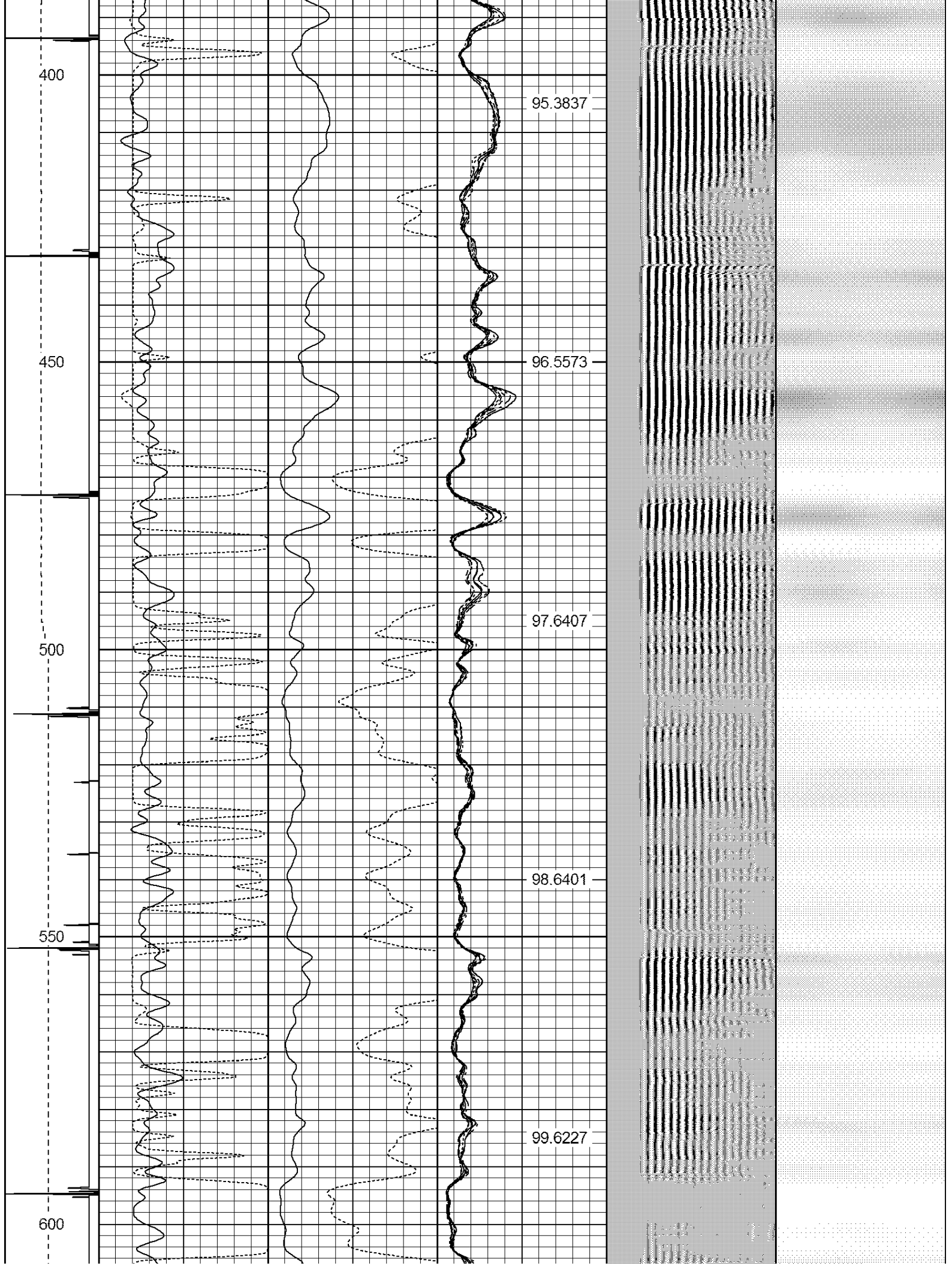
NOT CORRELATED
RAN LOG TO VERIFY CEMENT
THANK YOU FOR USING WARRIOR ENERGY SERVICES!!!!

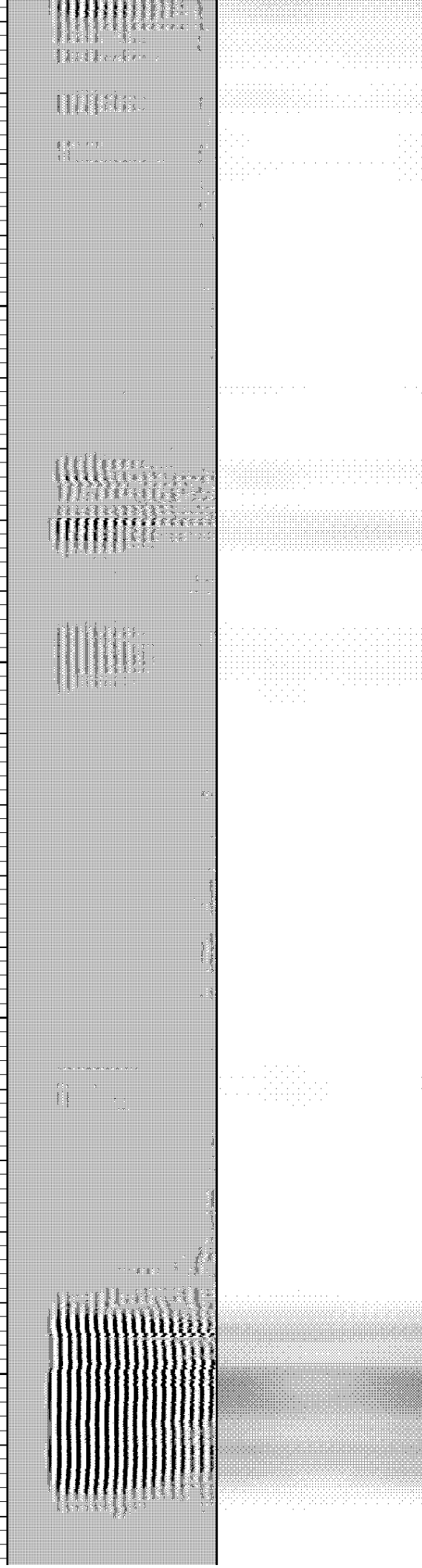
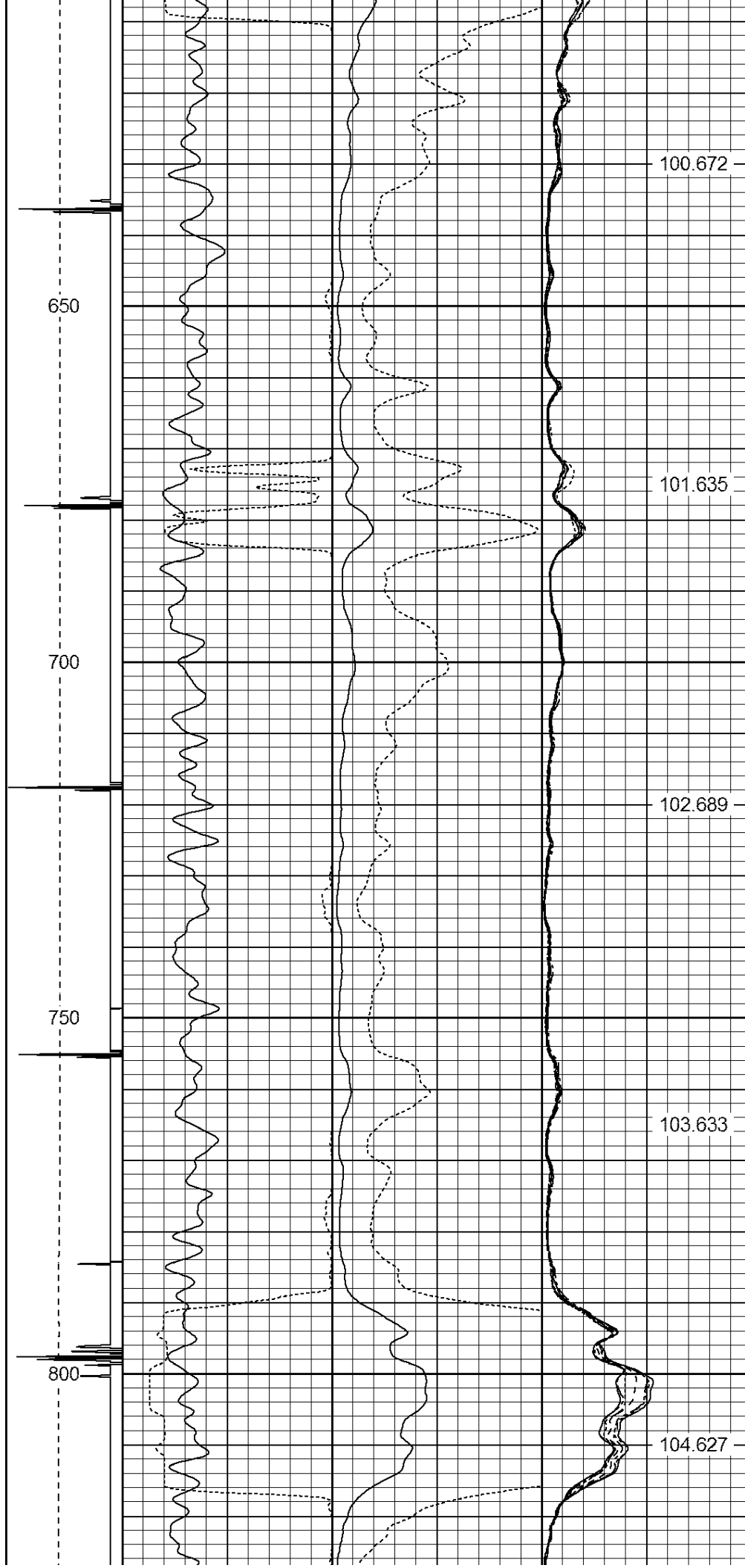
Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
						

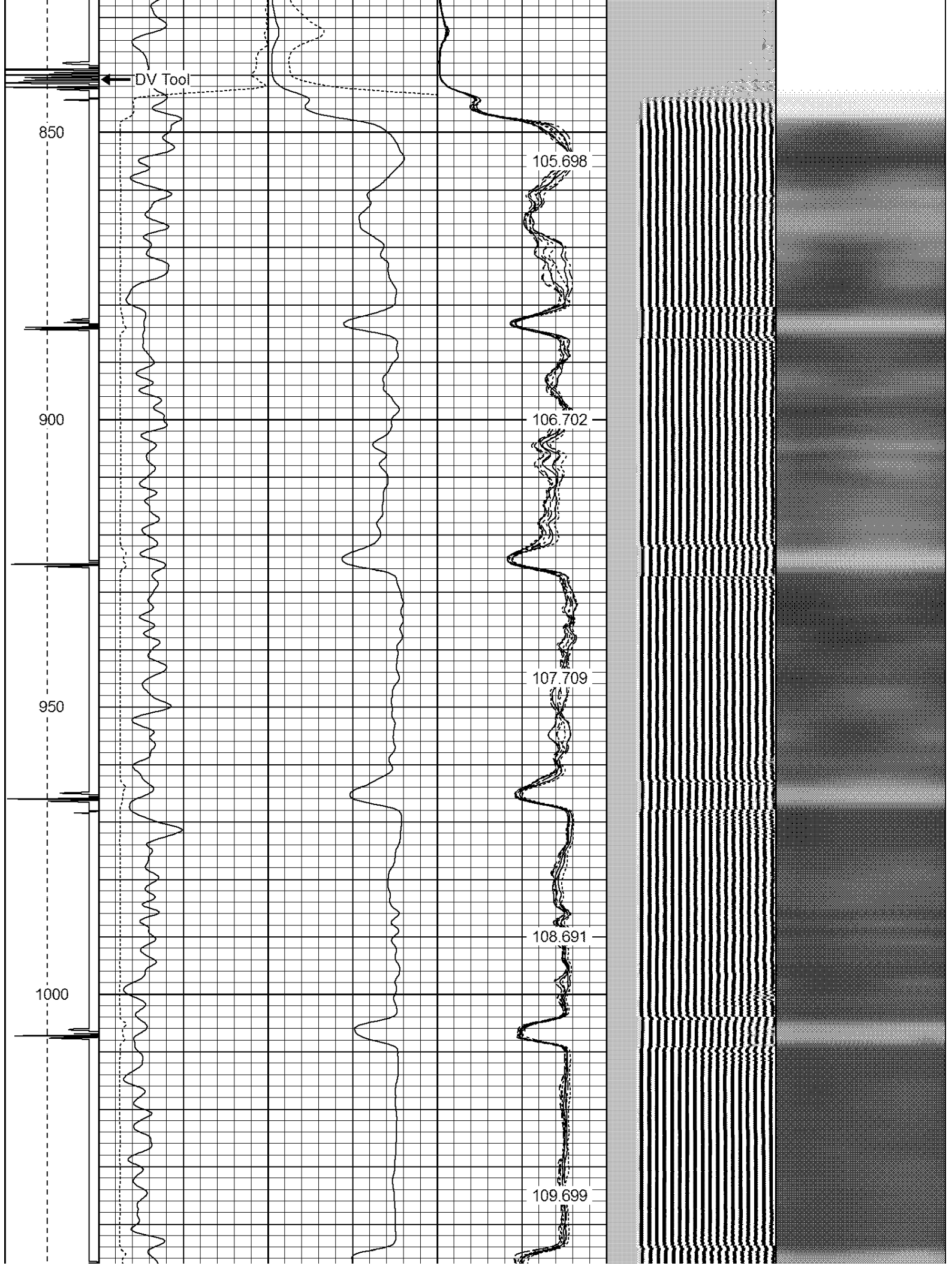
-9	CCL	1	200	TT (usec)	800	0	AMP (mV)	100	0	AMPS1	100	200	VDL	1200	1	Cement Map	8
LSPD			0	GR (GAPI)	200	0	AMPx5 (mV)	20	0	AMPS2	100				1		100
(ft/min)			200	GR (GAPI)	400				0	AMPS4	100						
0		250							0	AMPS5	100						
									0	AMPS6	100						
									0	AMPS7	100						
									0	AMPS8	100						
										IntTemp							
										(degF)							

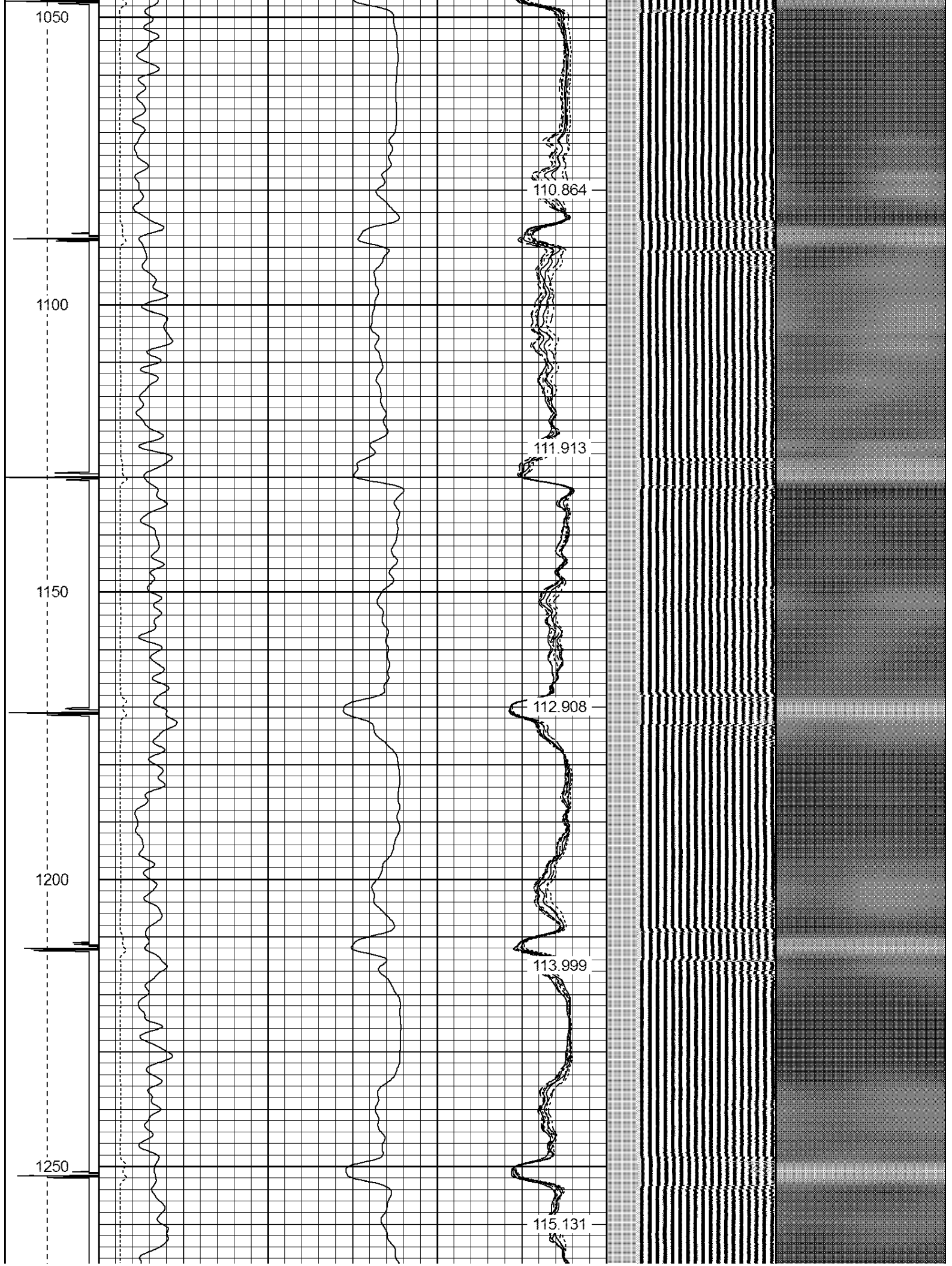


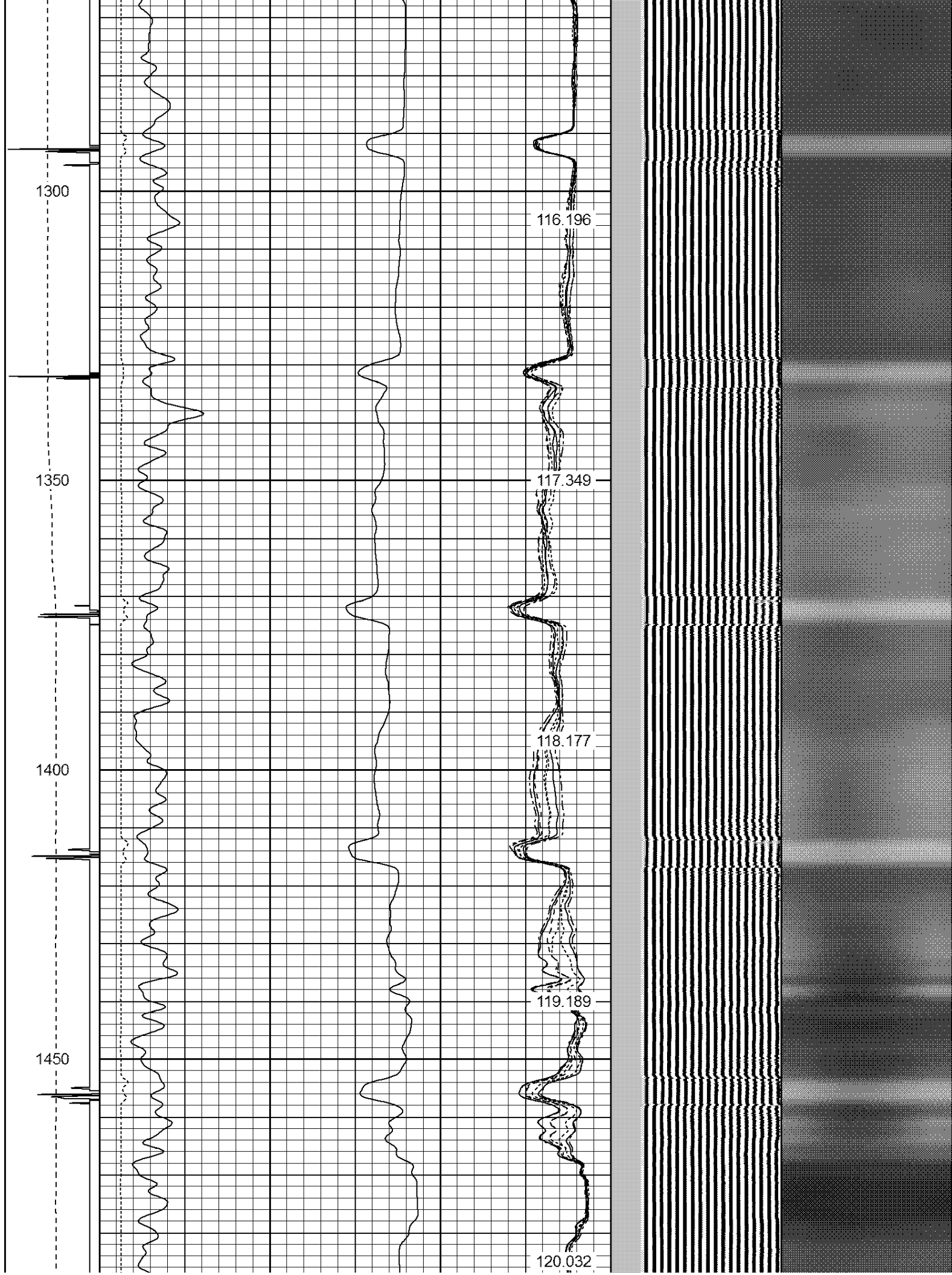


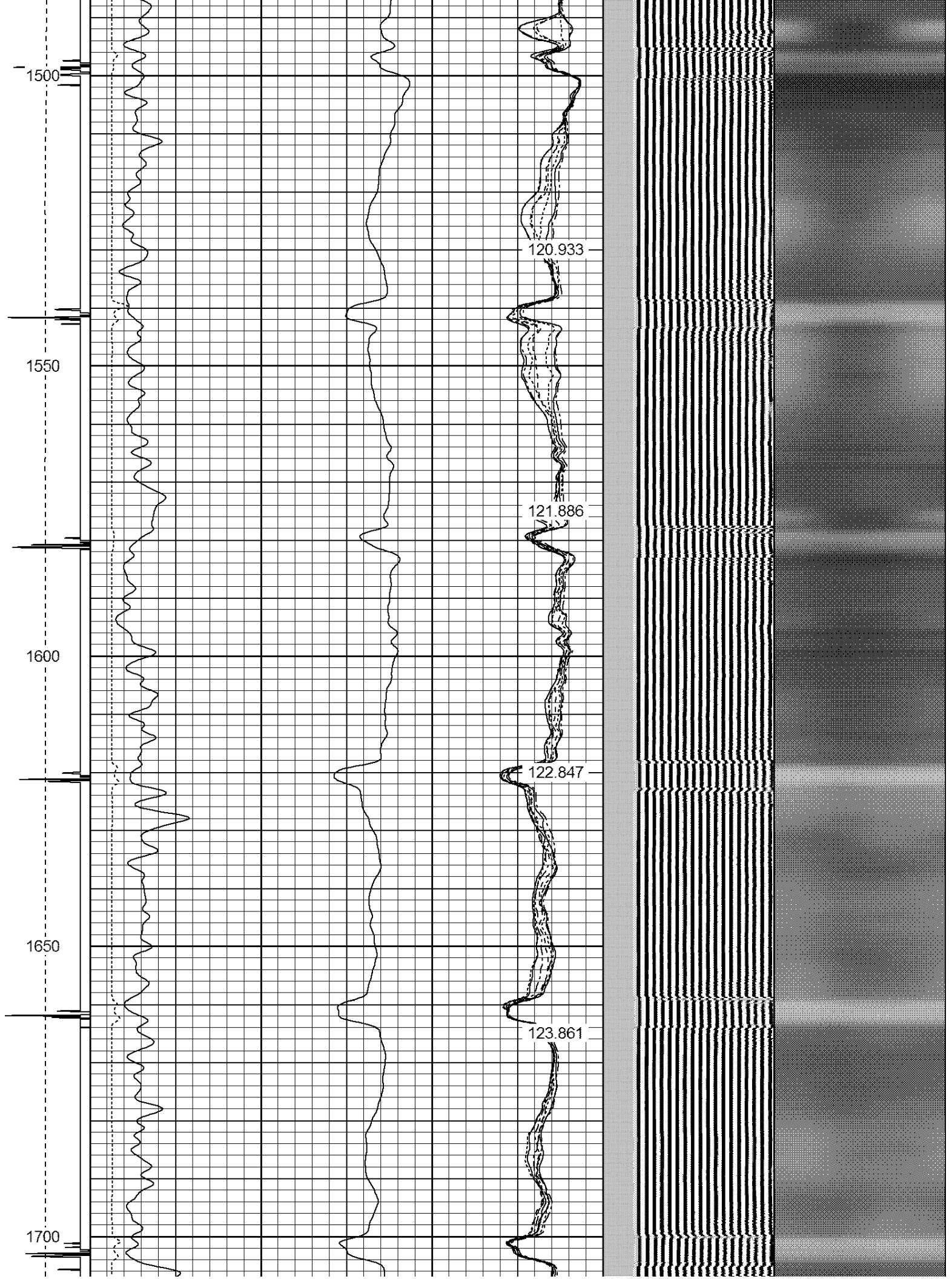


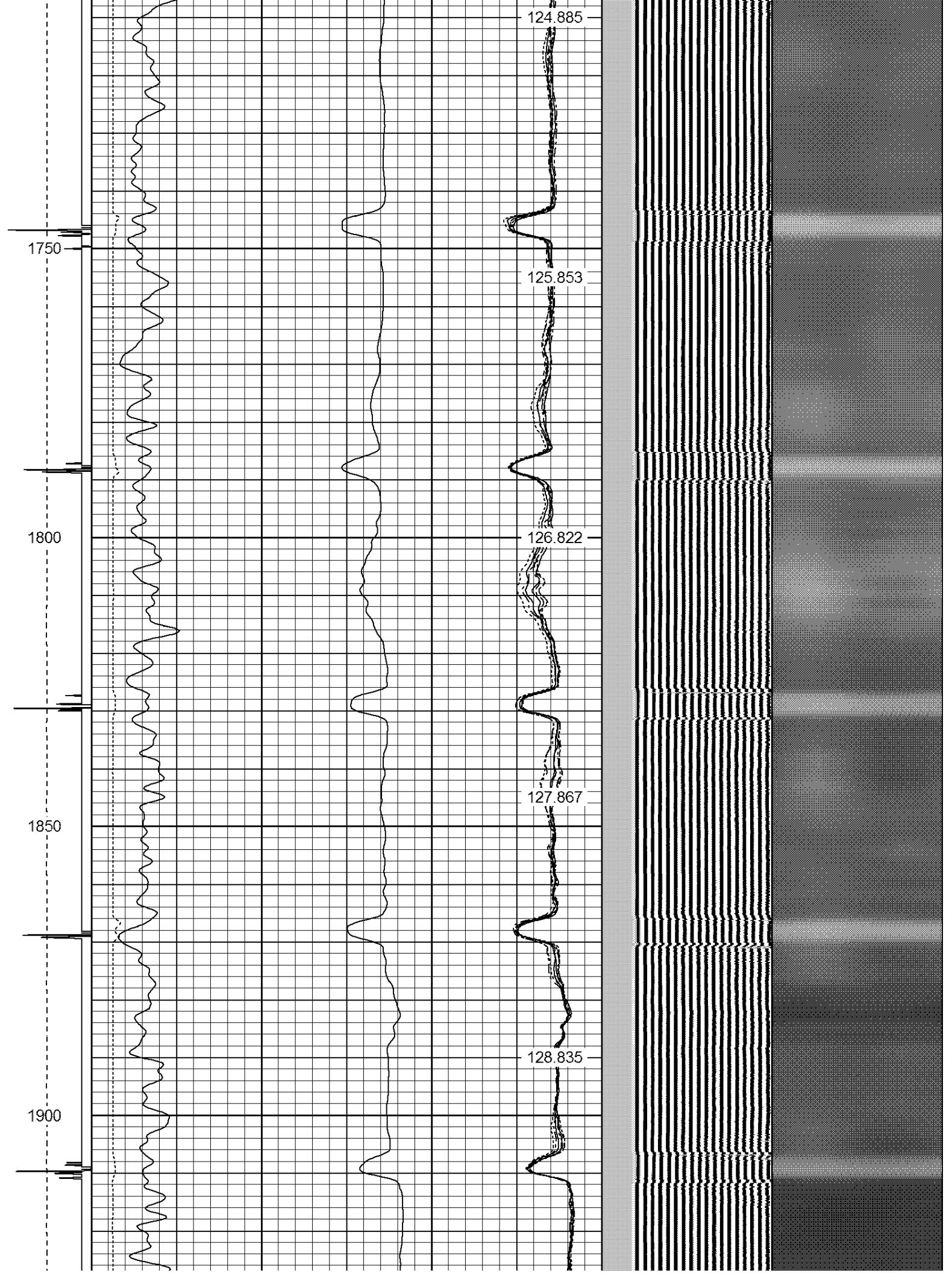


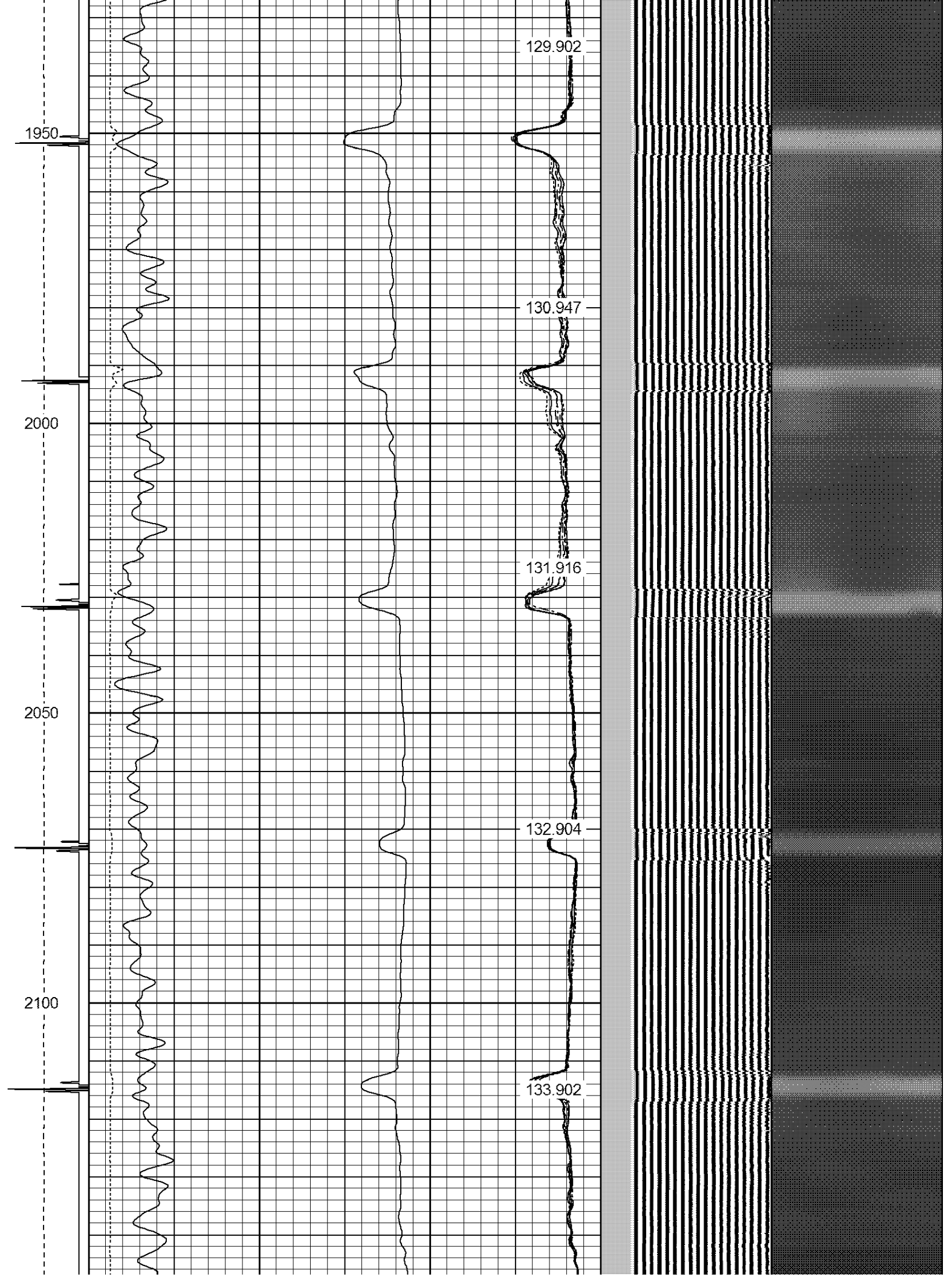


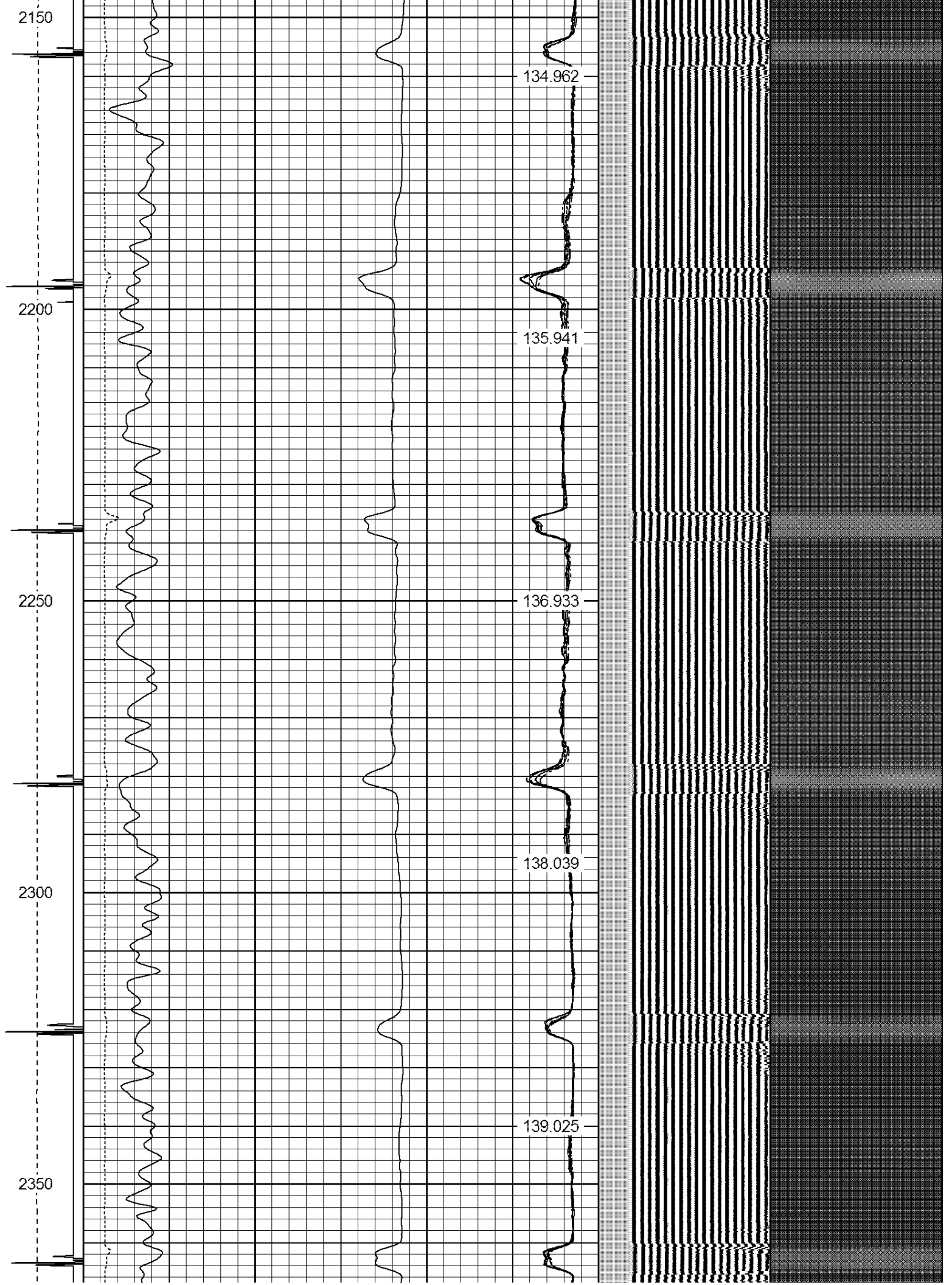


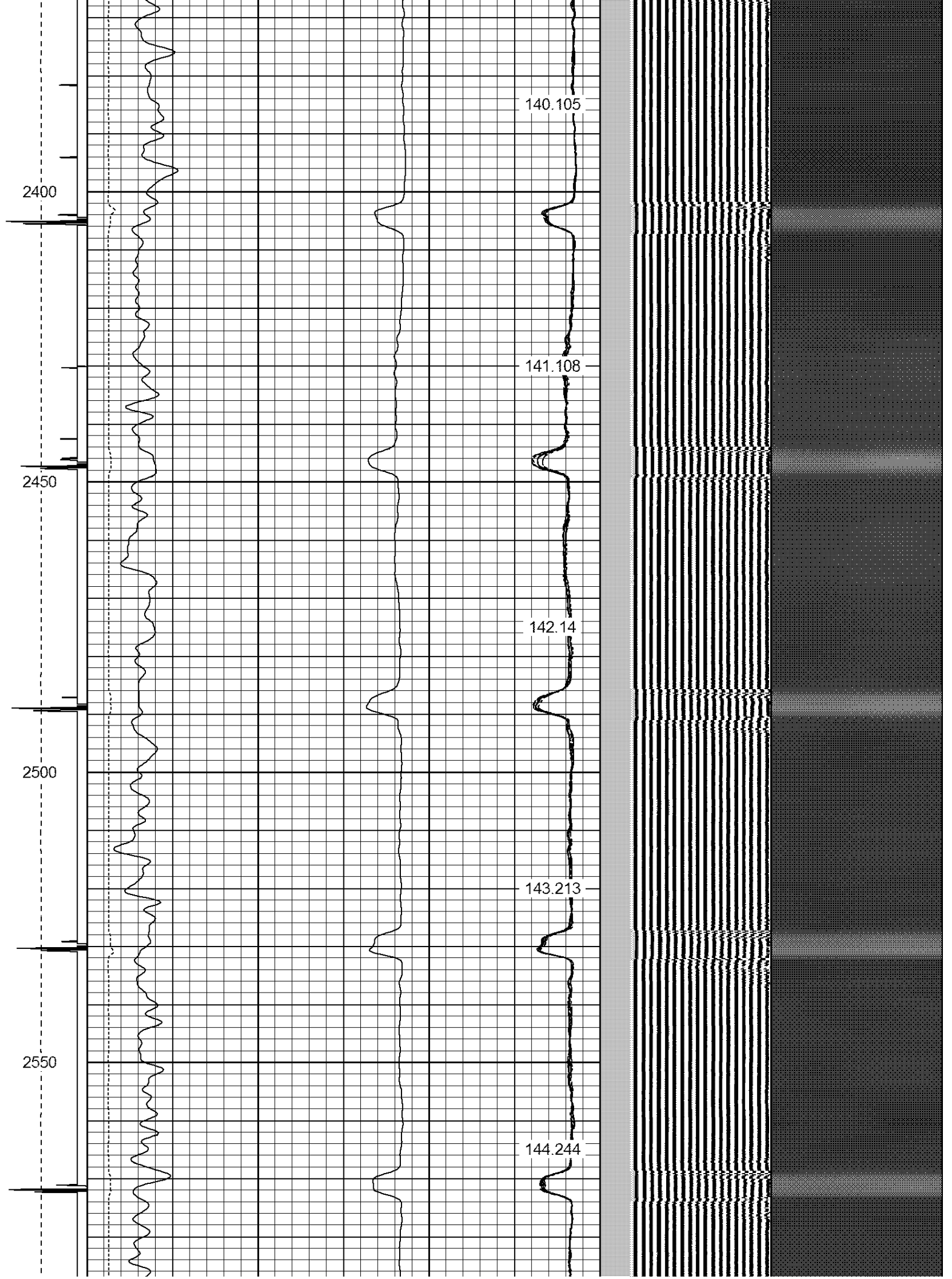




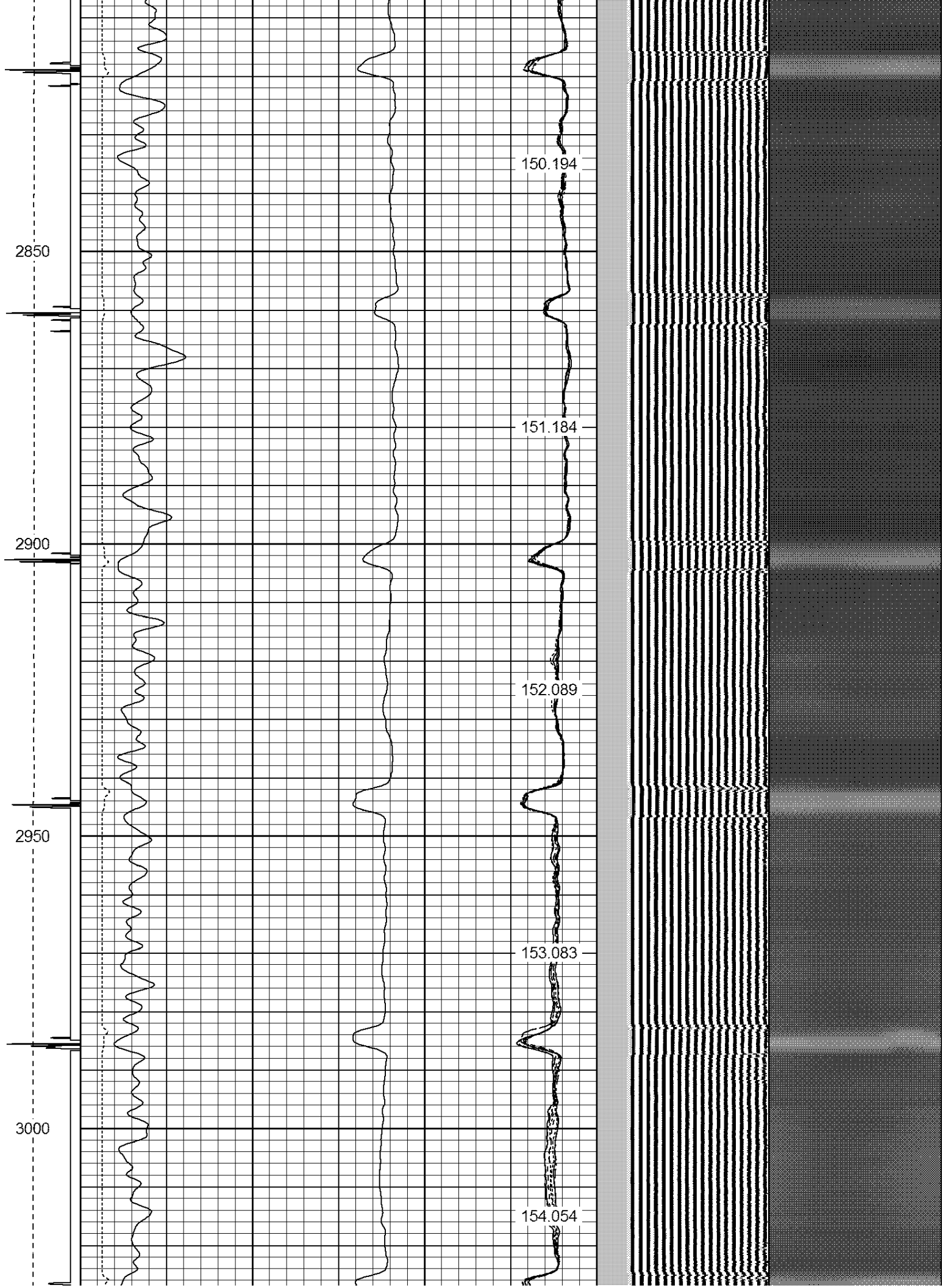


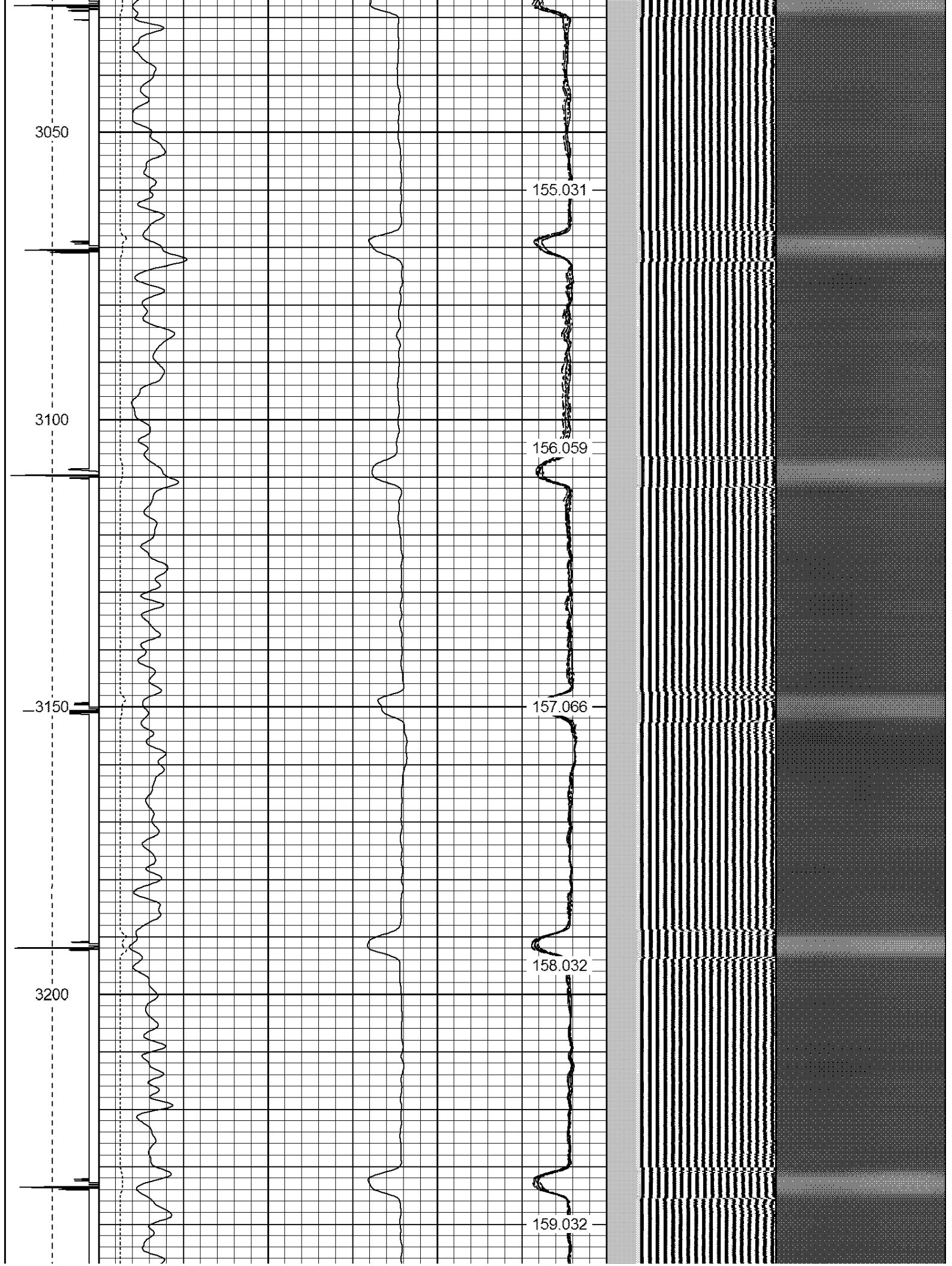


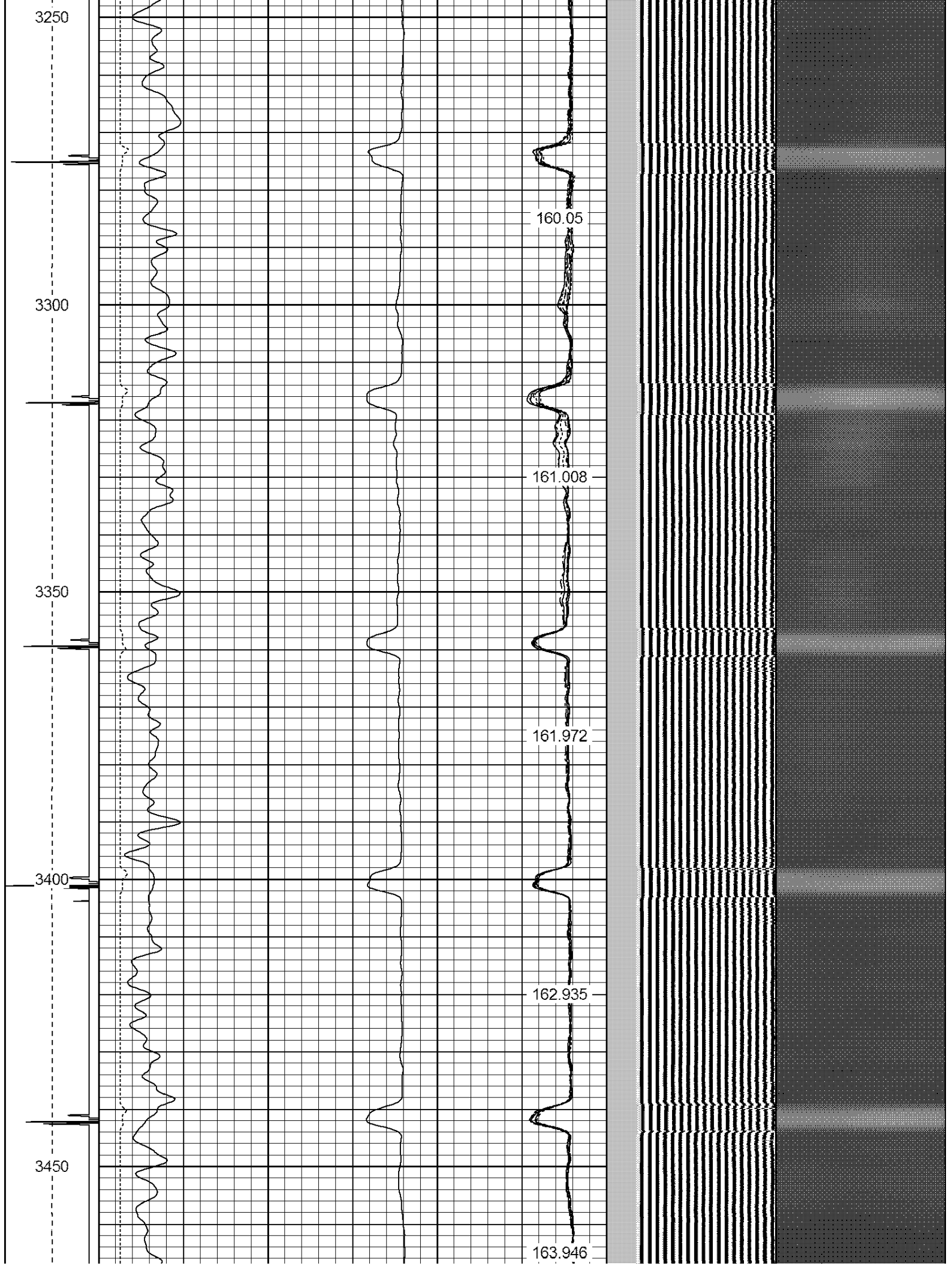


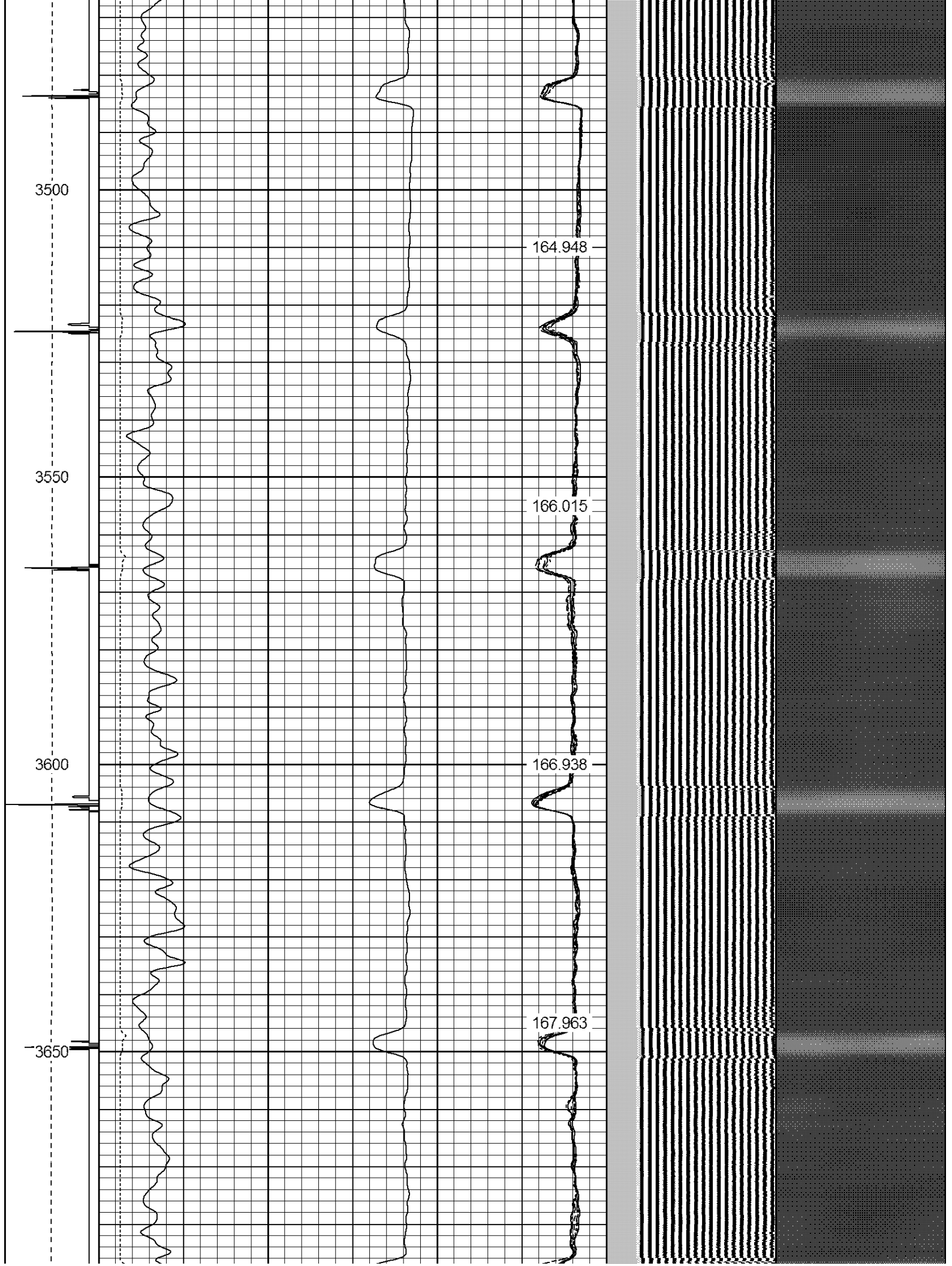


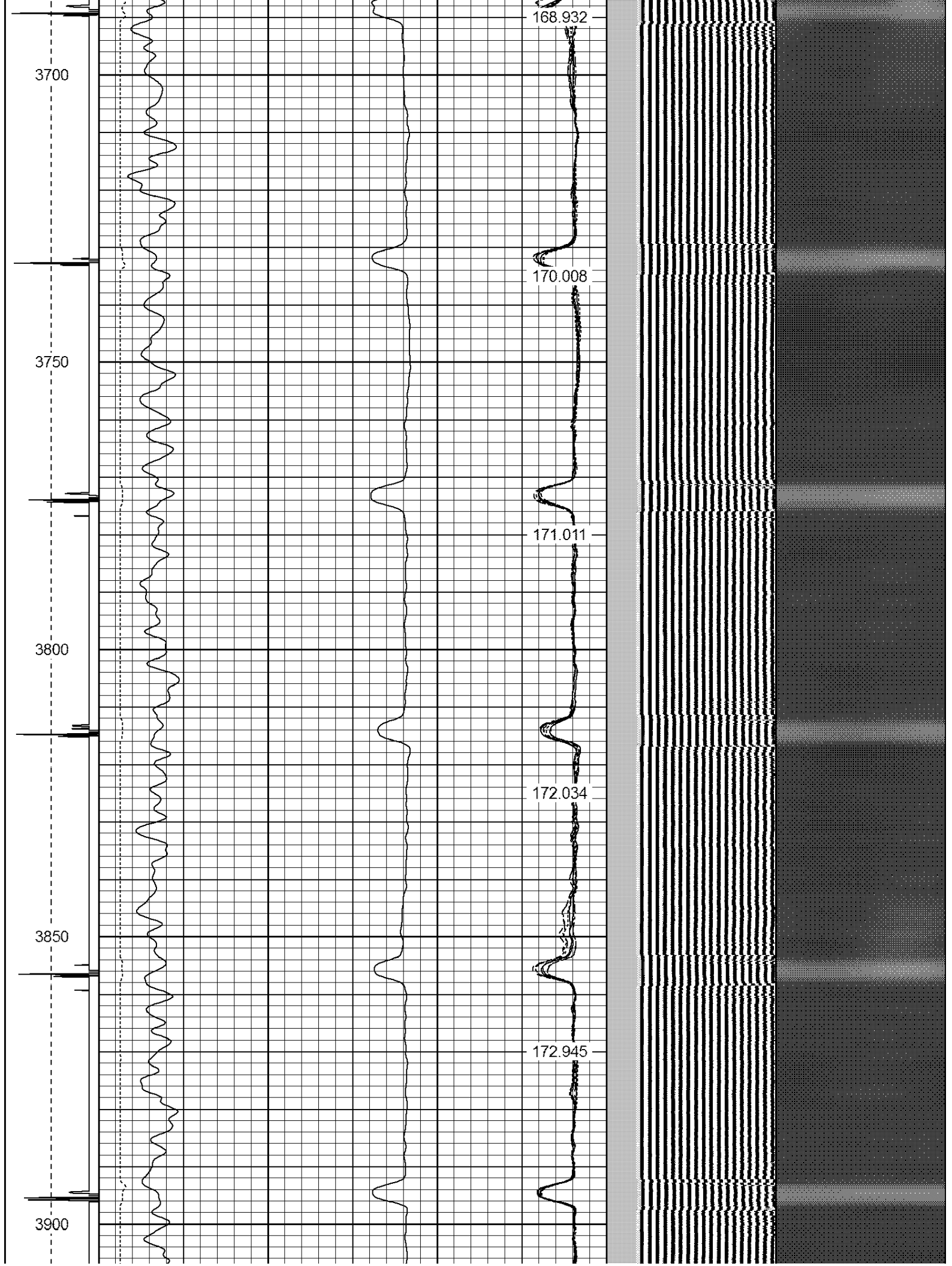


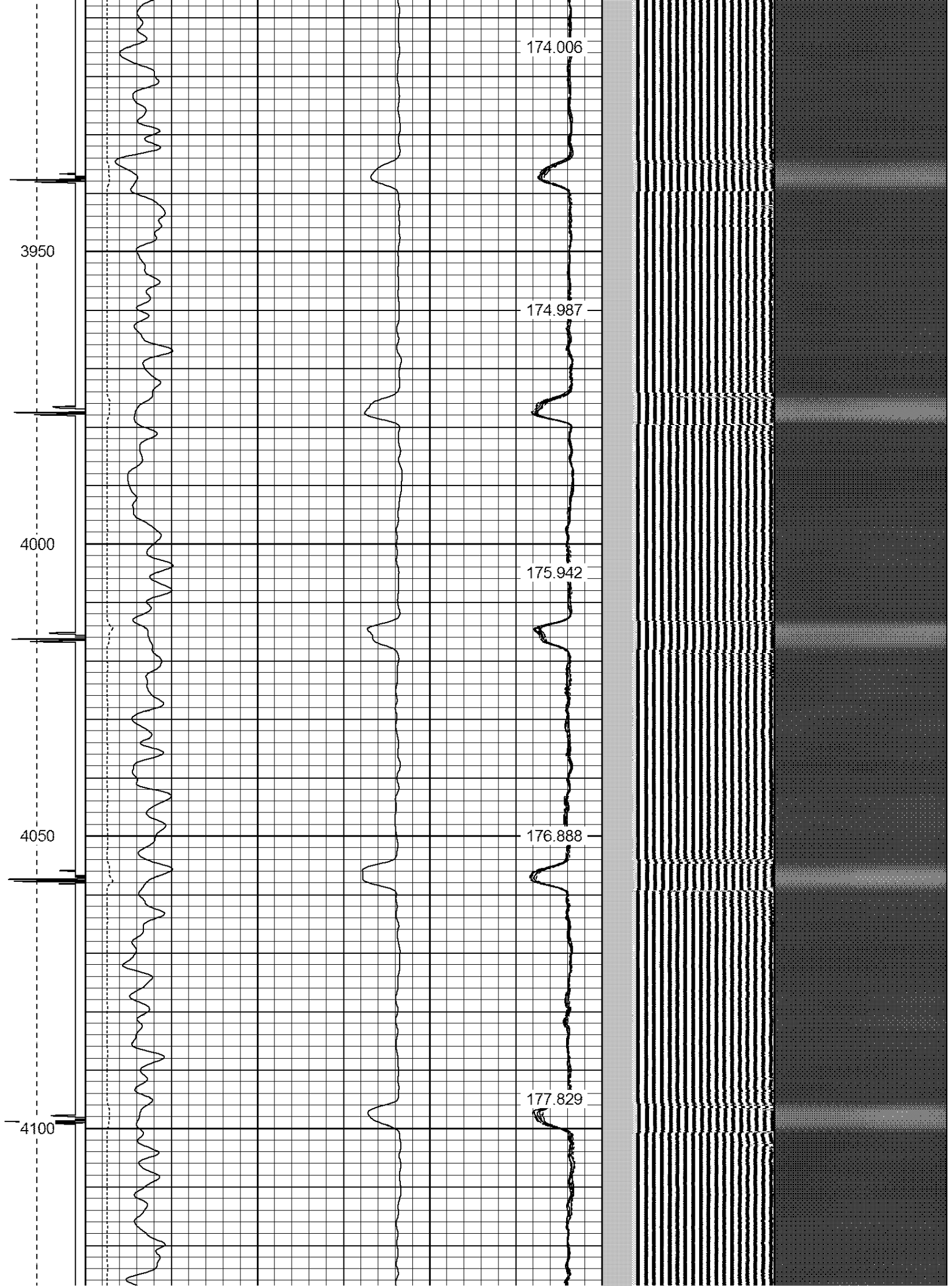


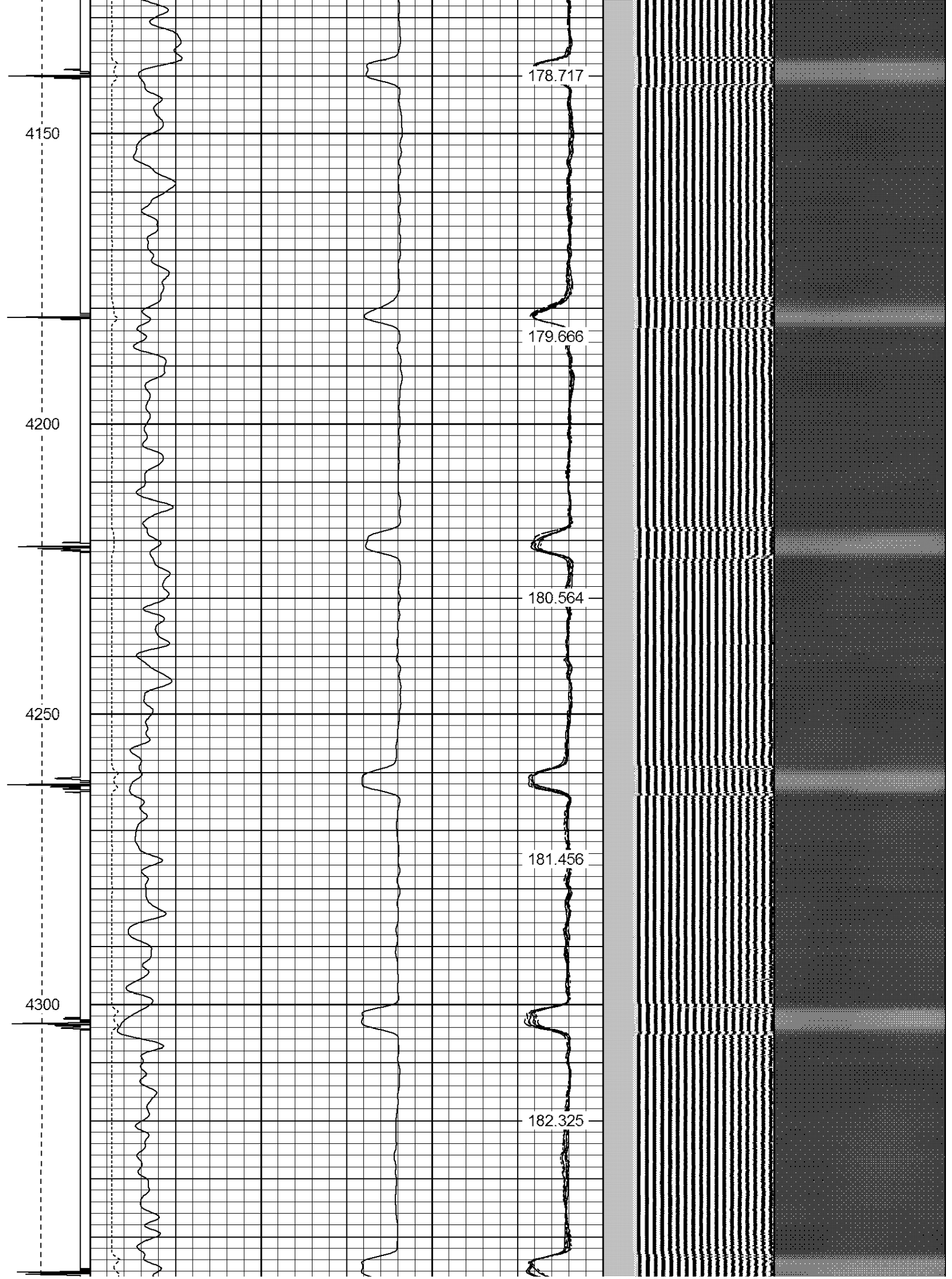


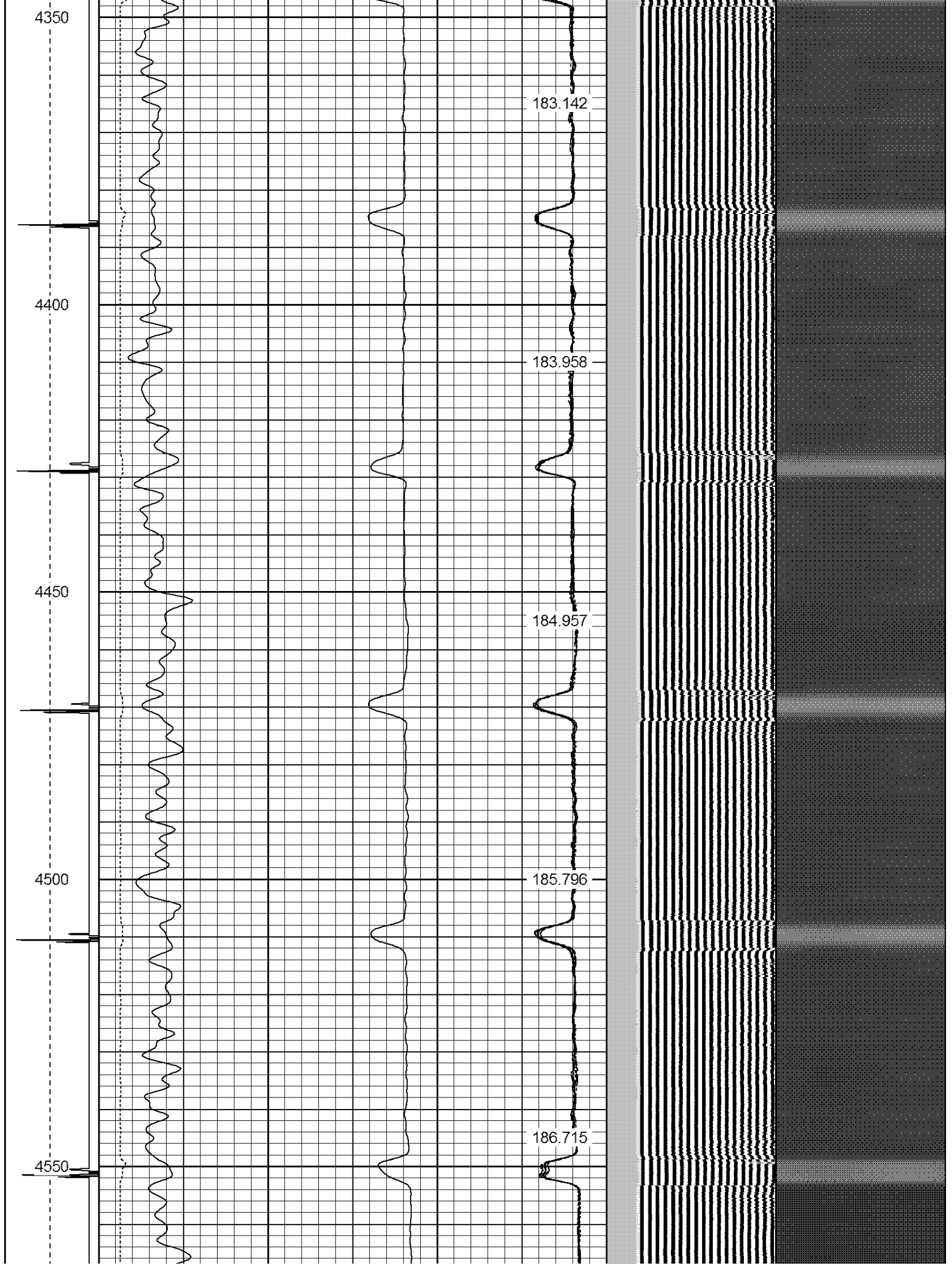


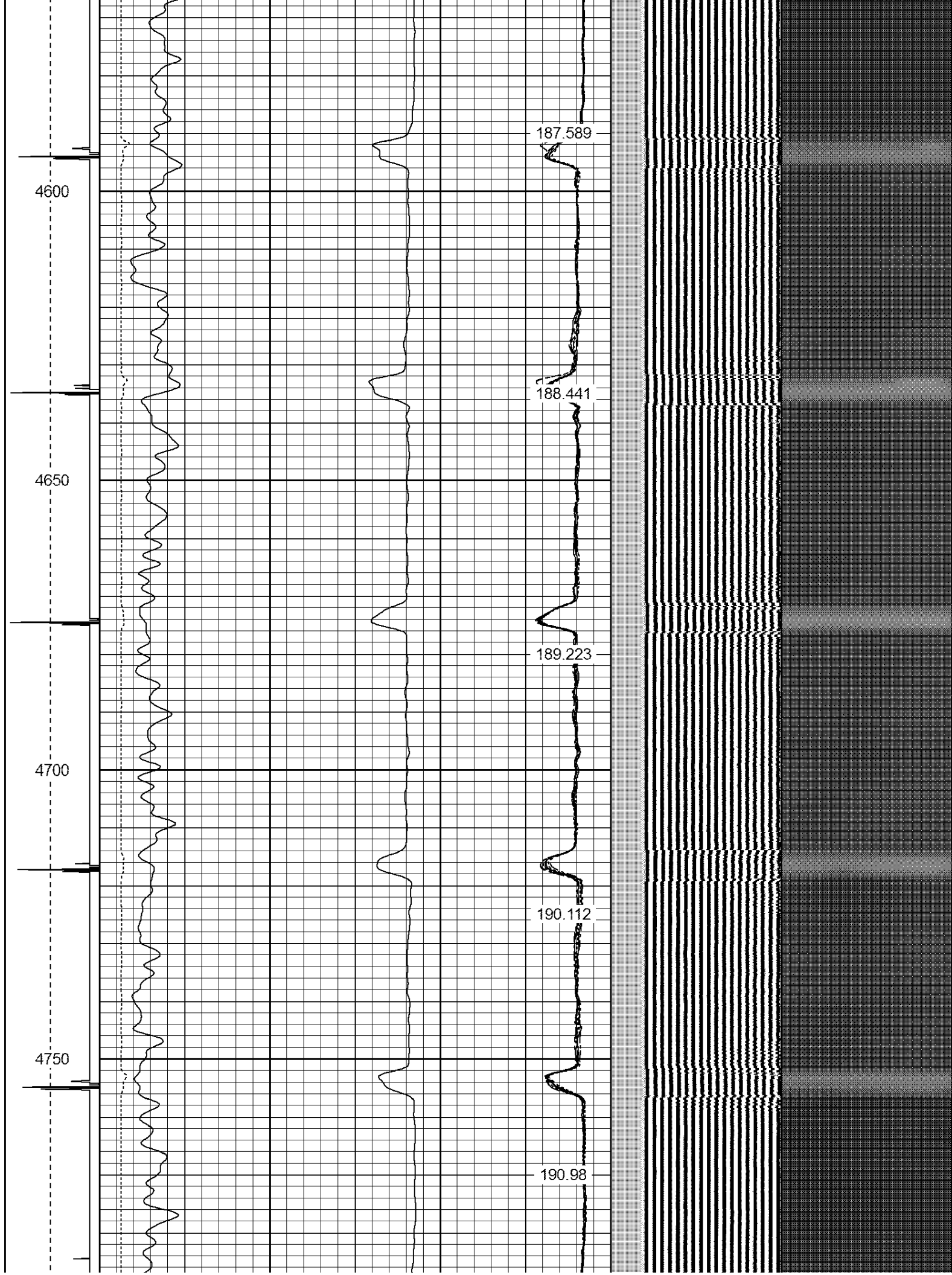


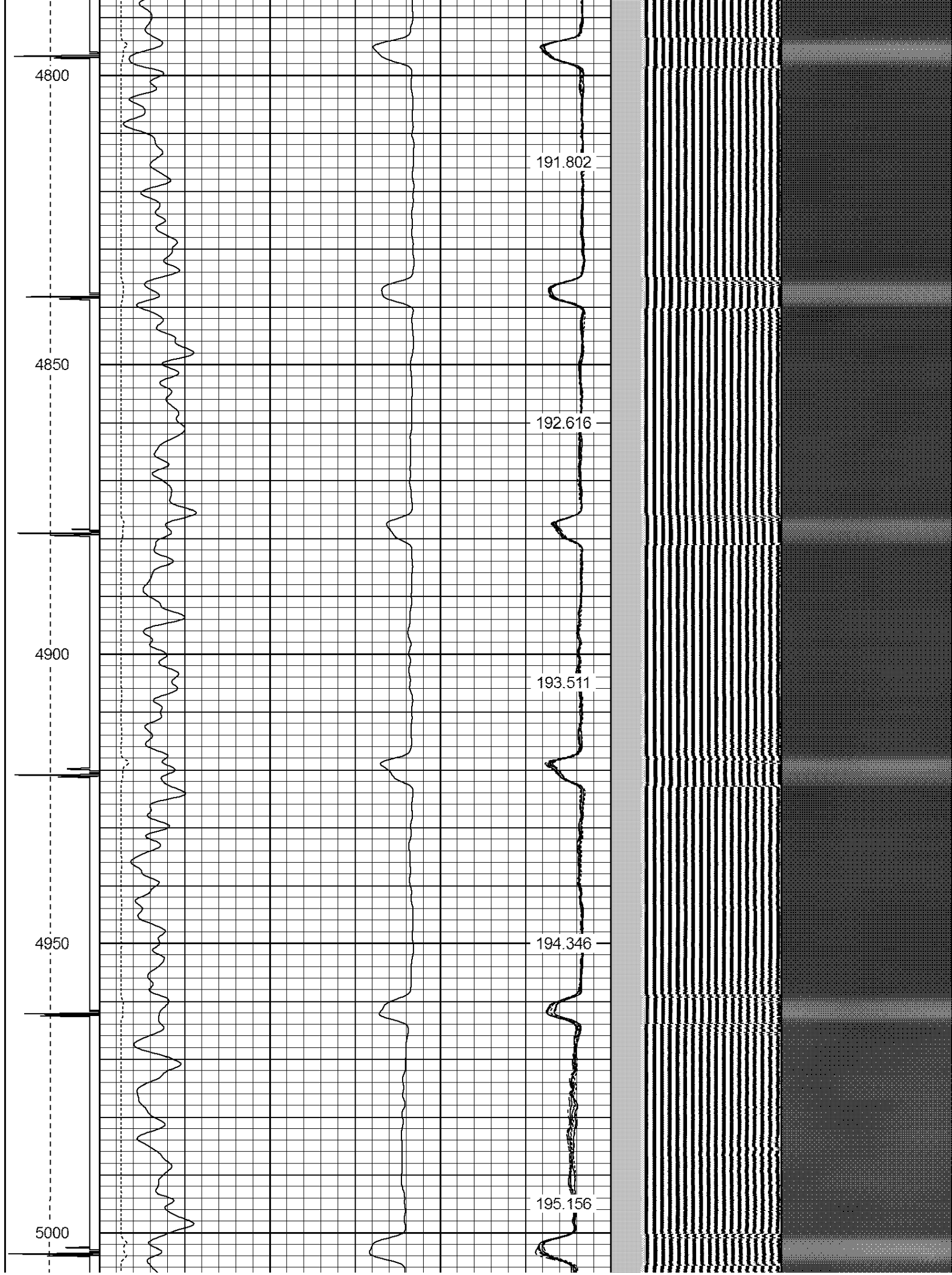


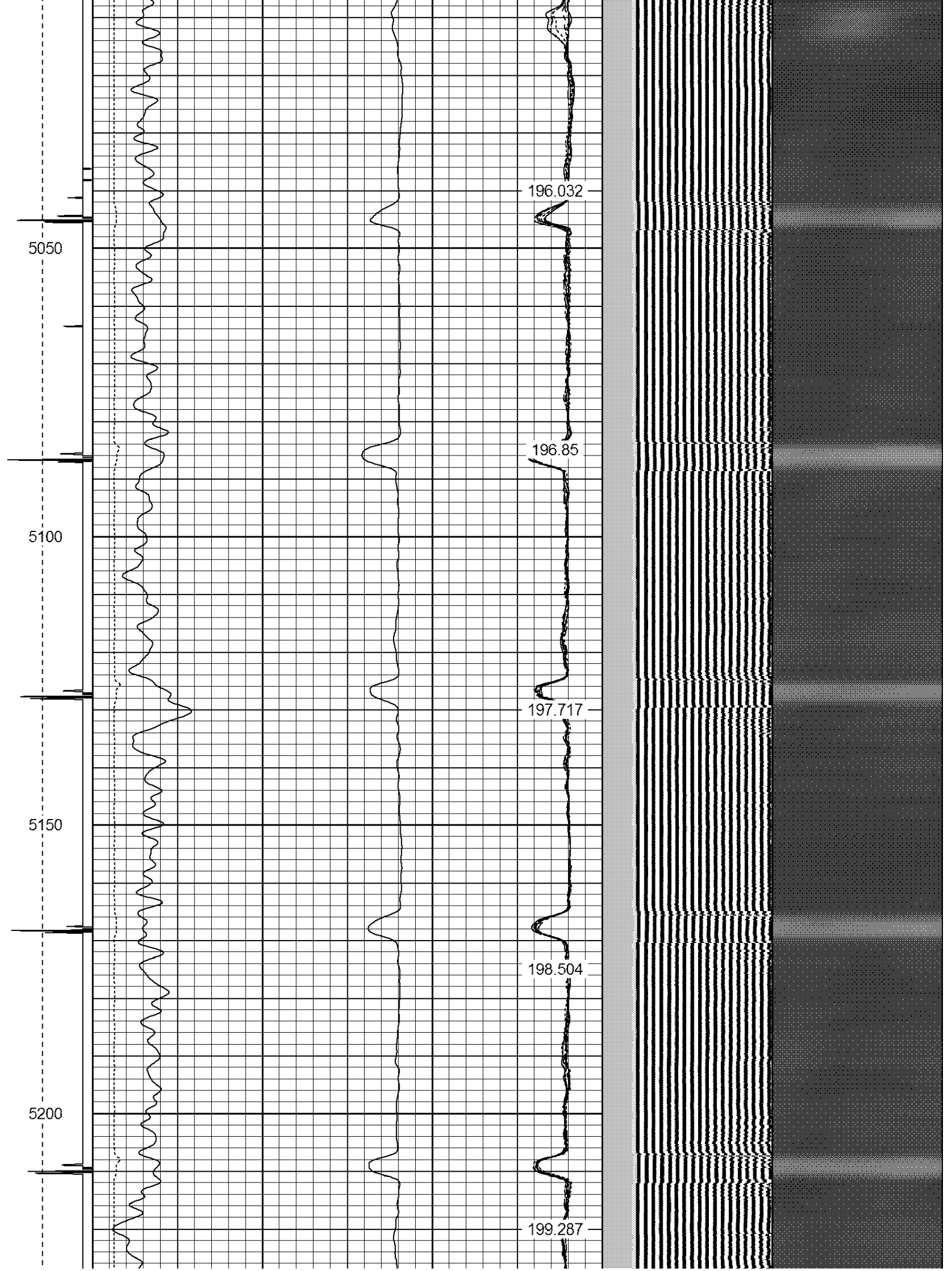


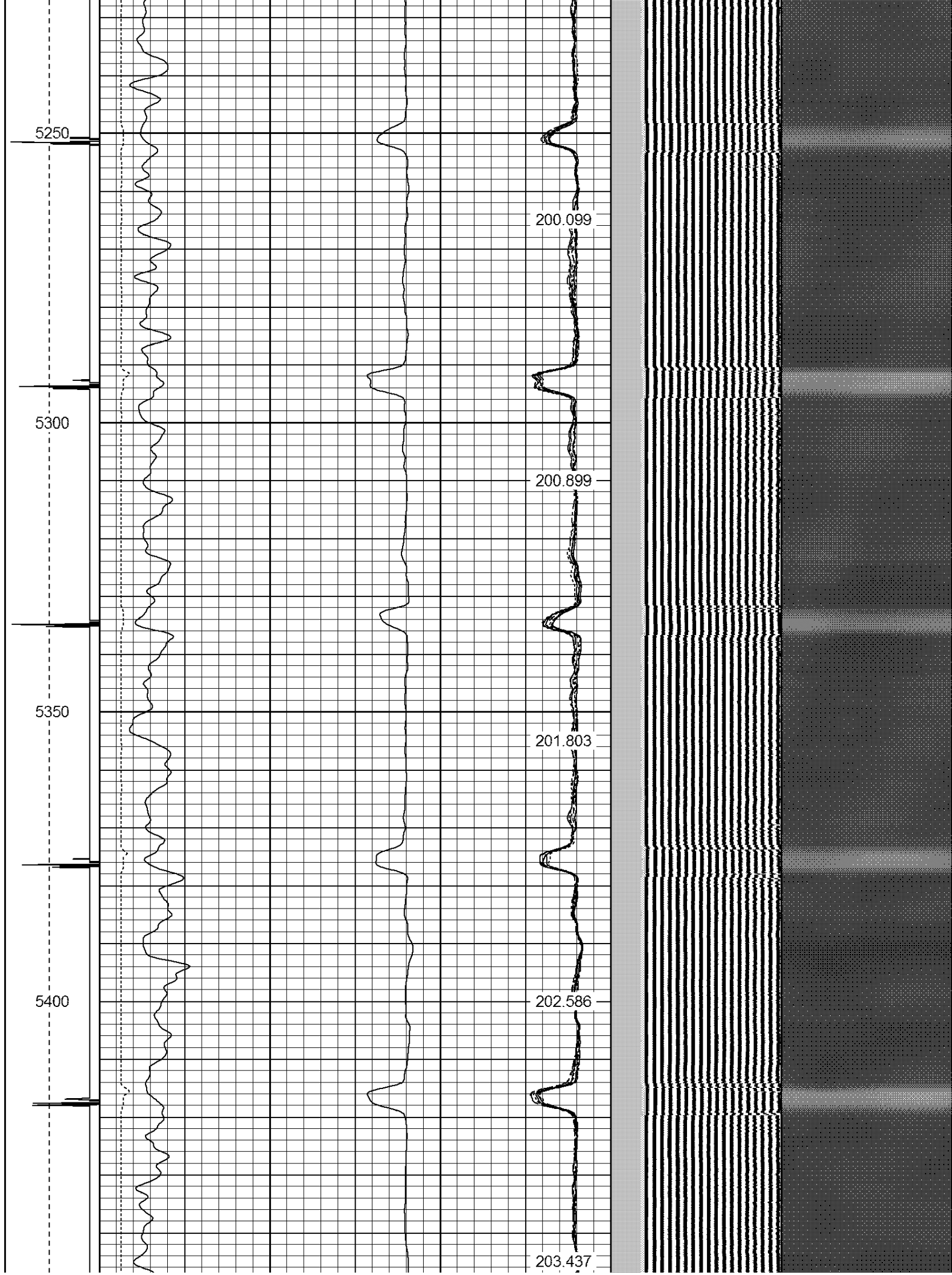


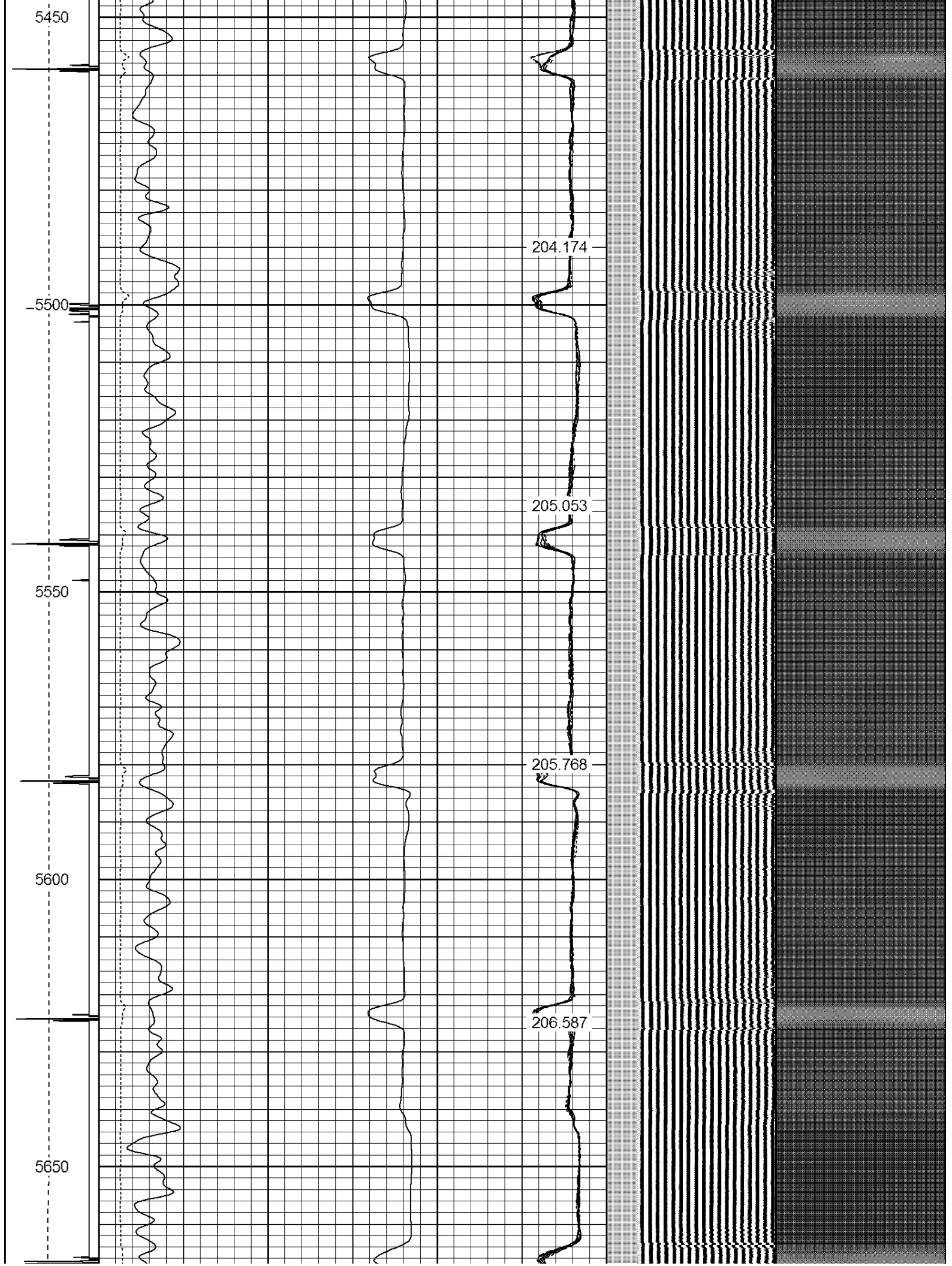


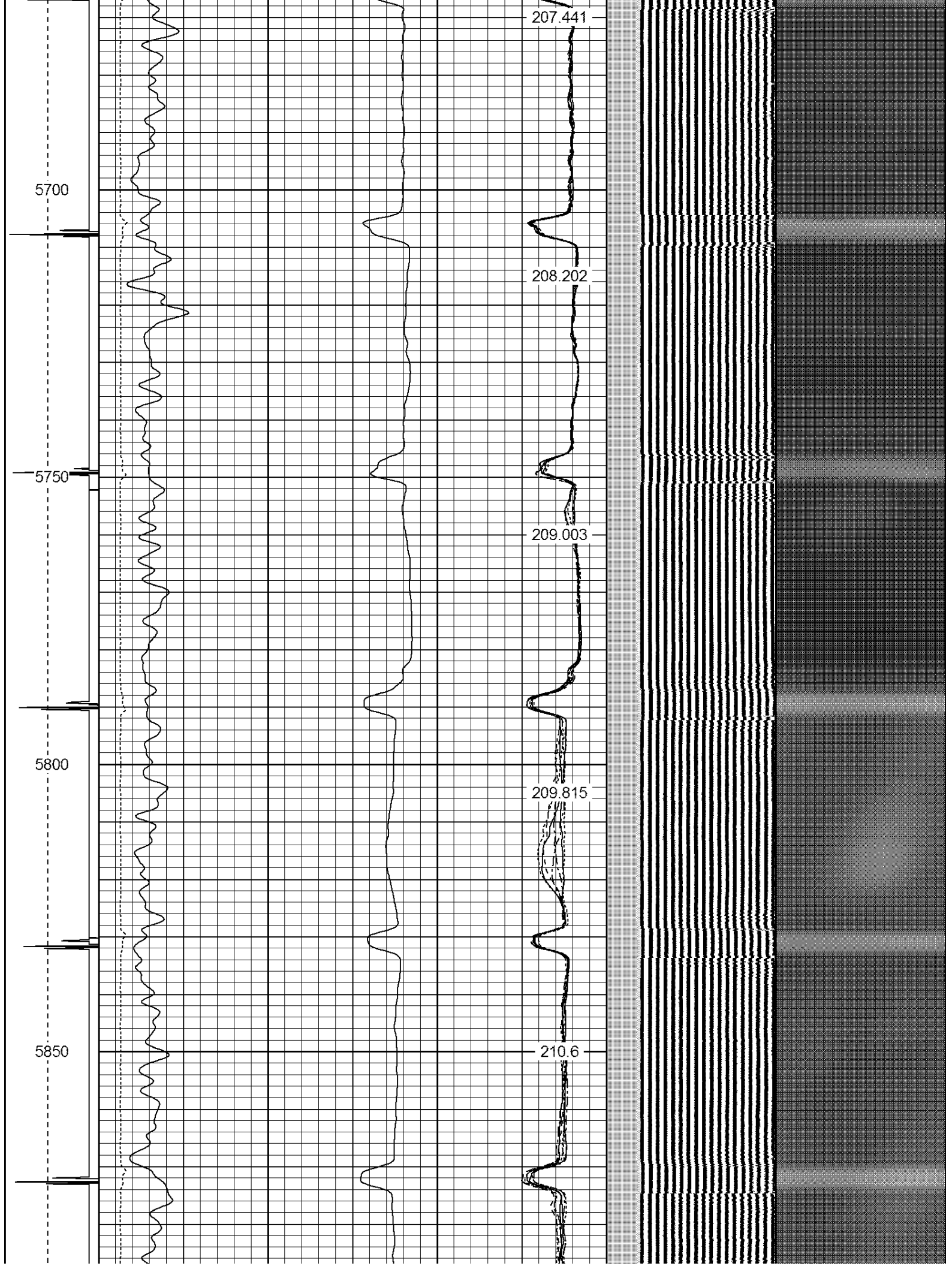


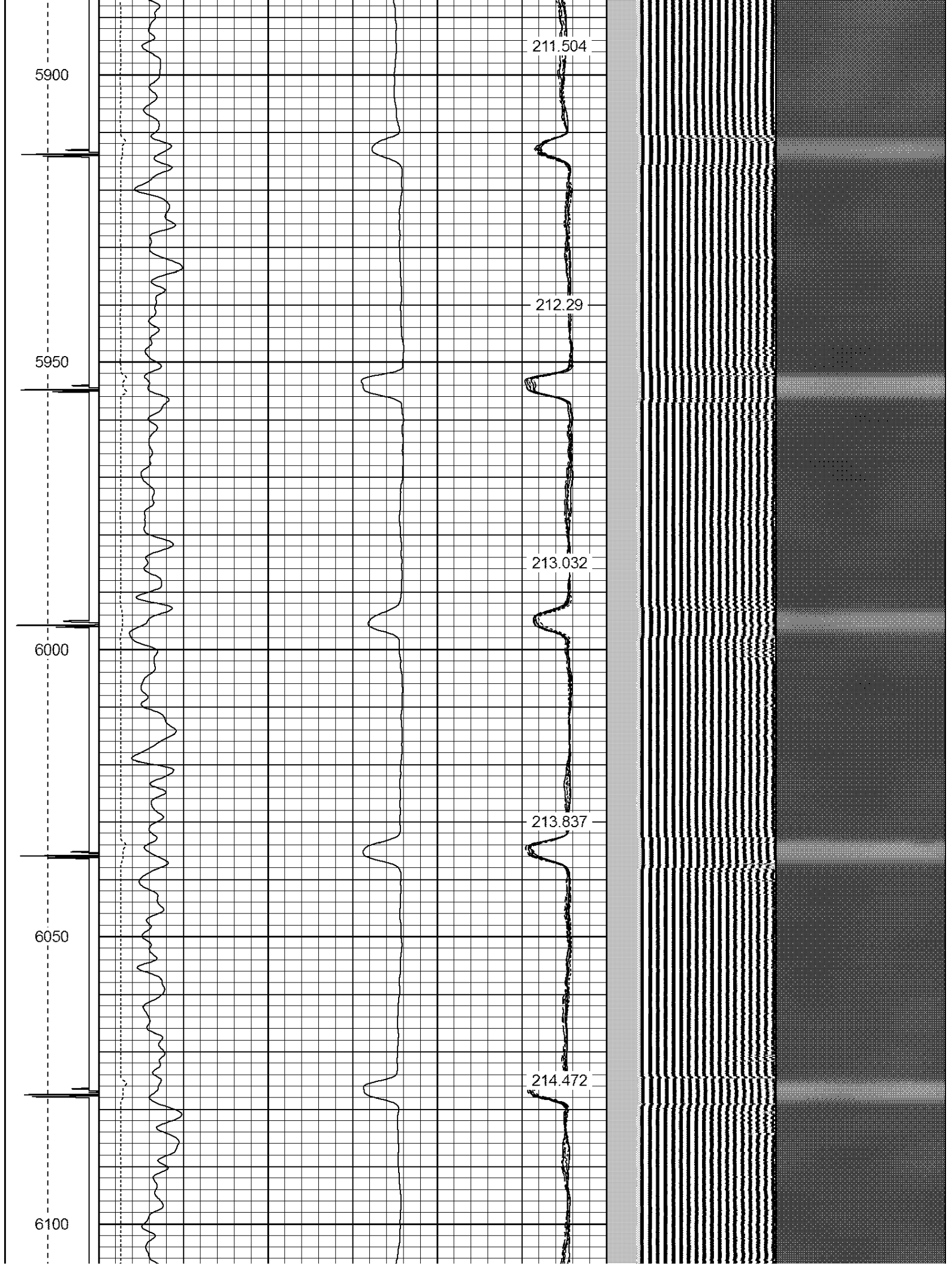


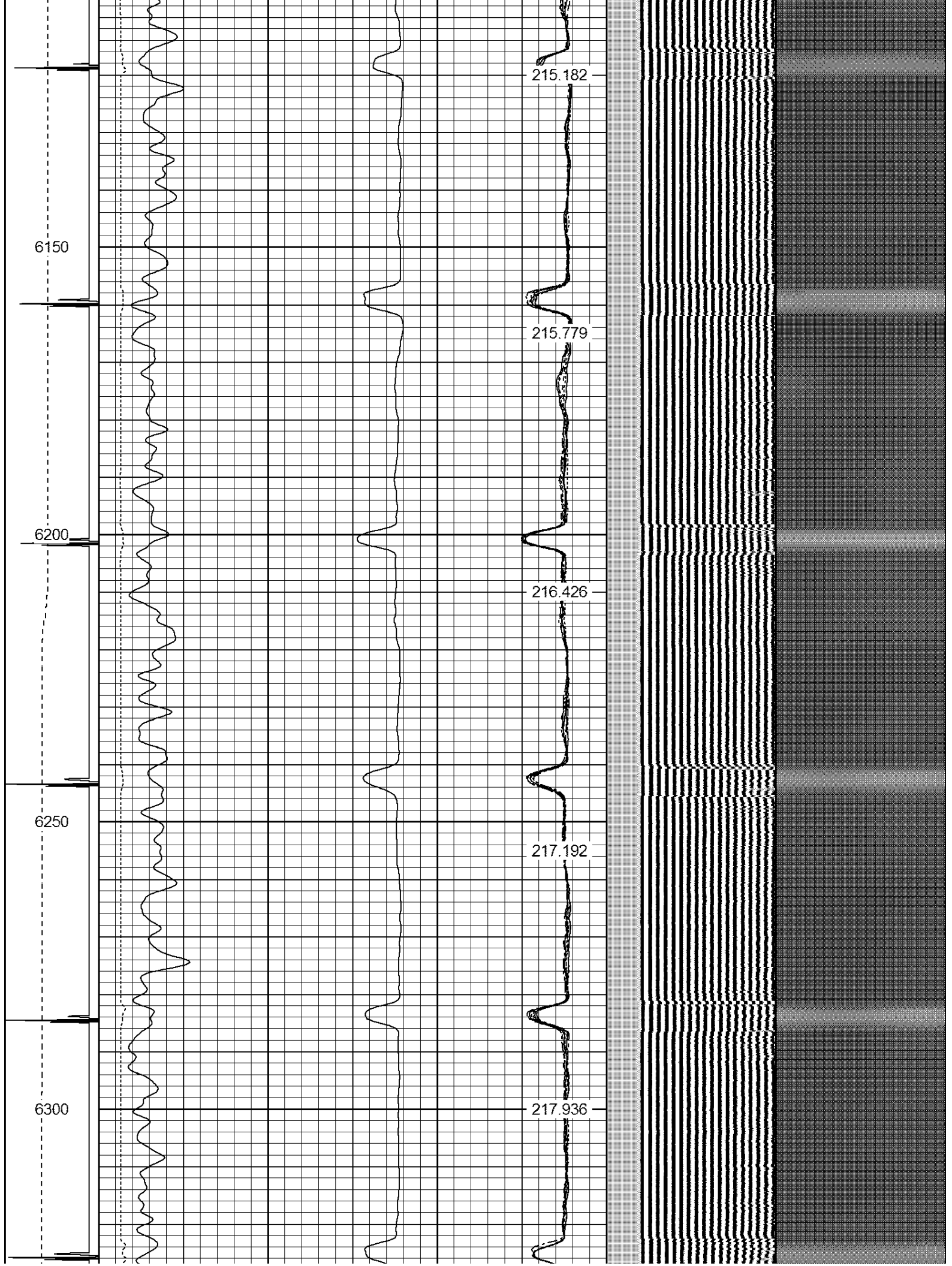


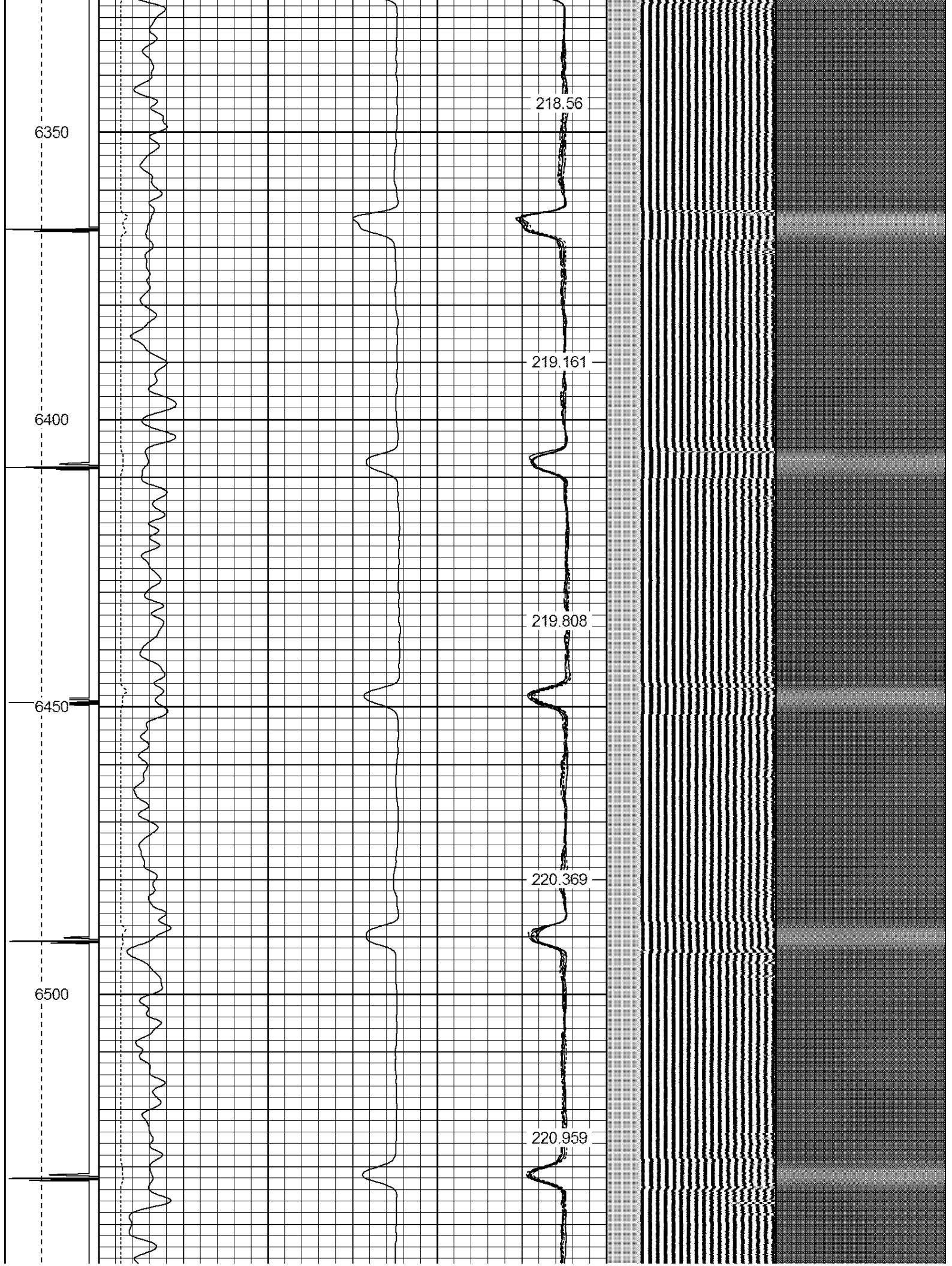


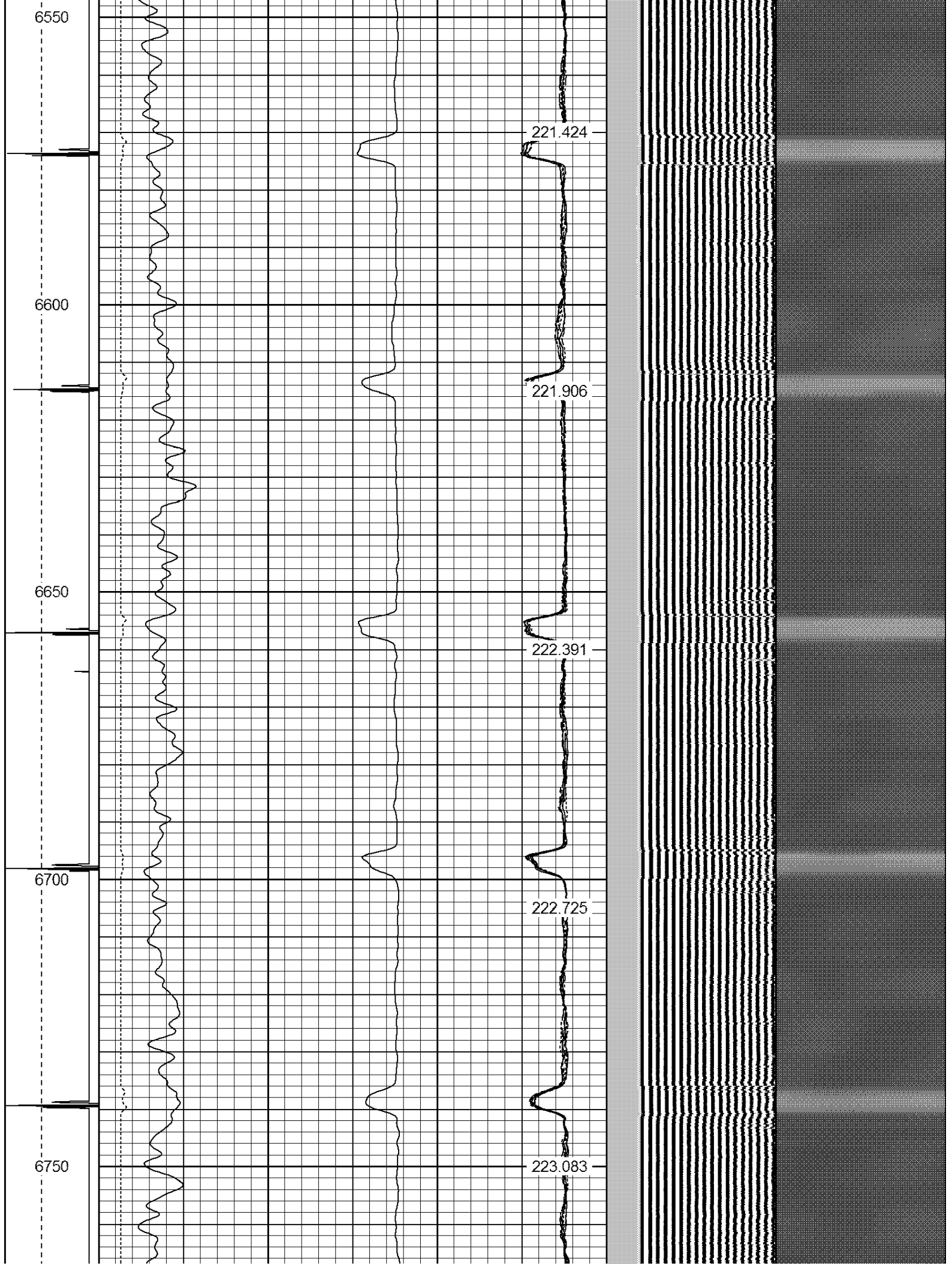


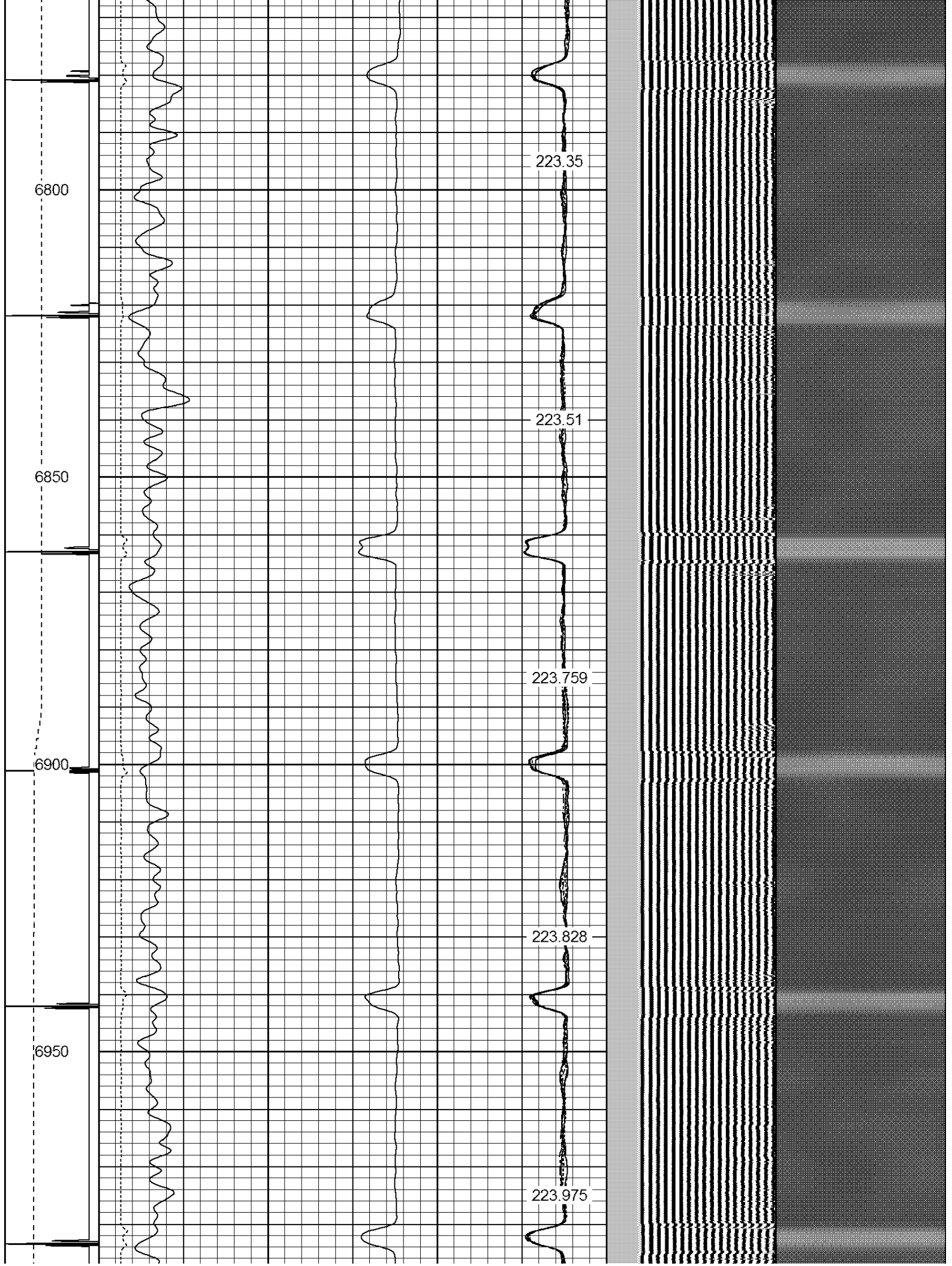


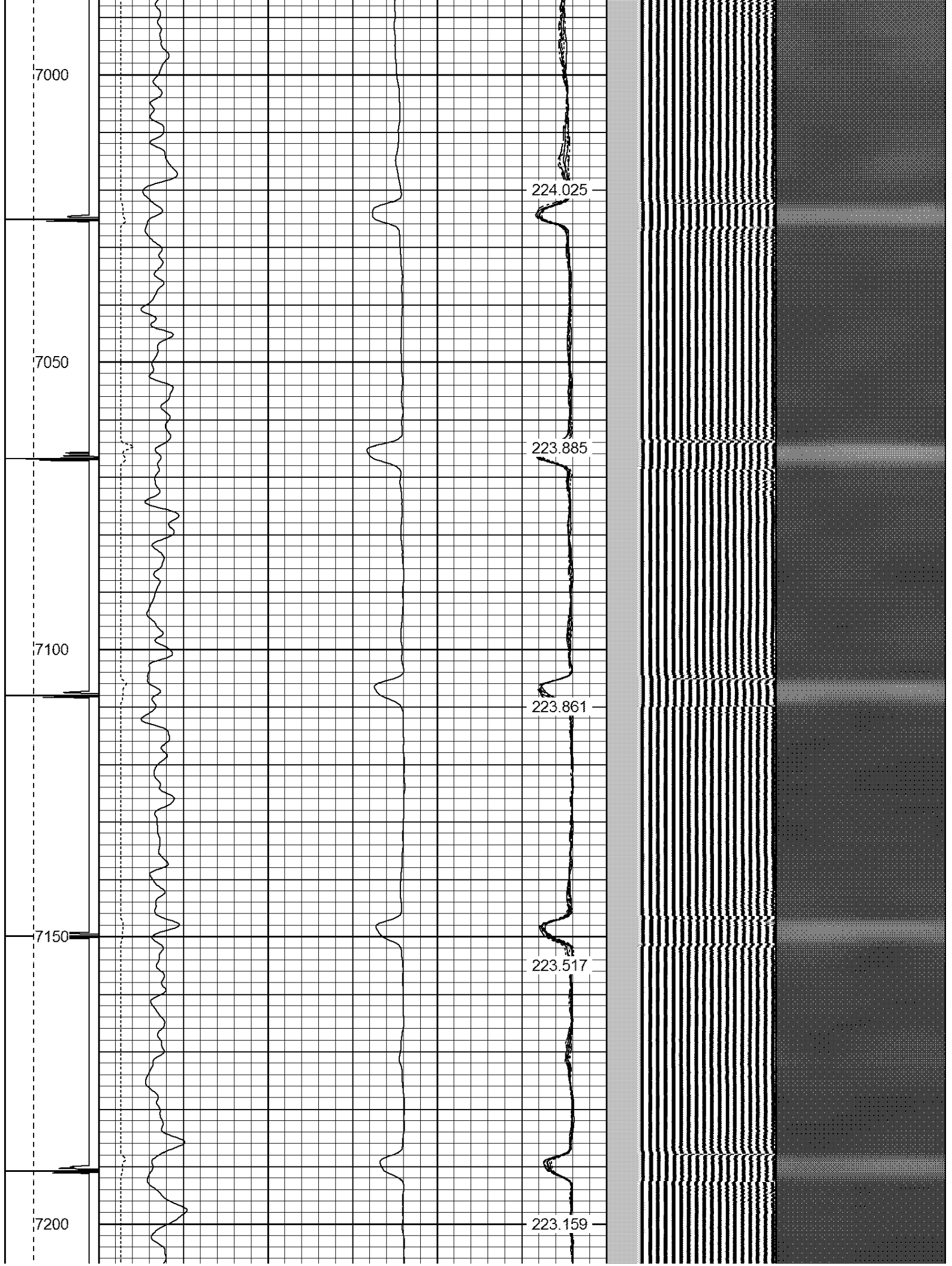


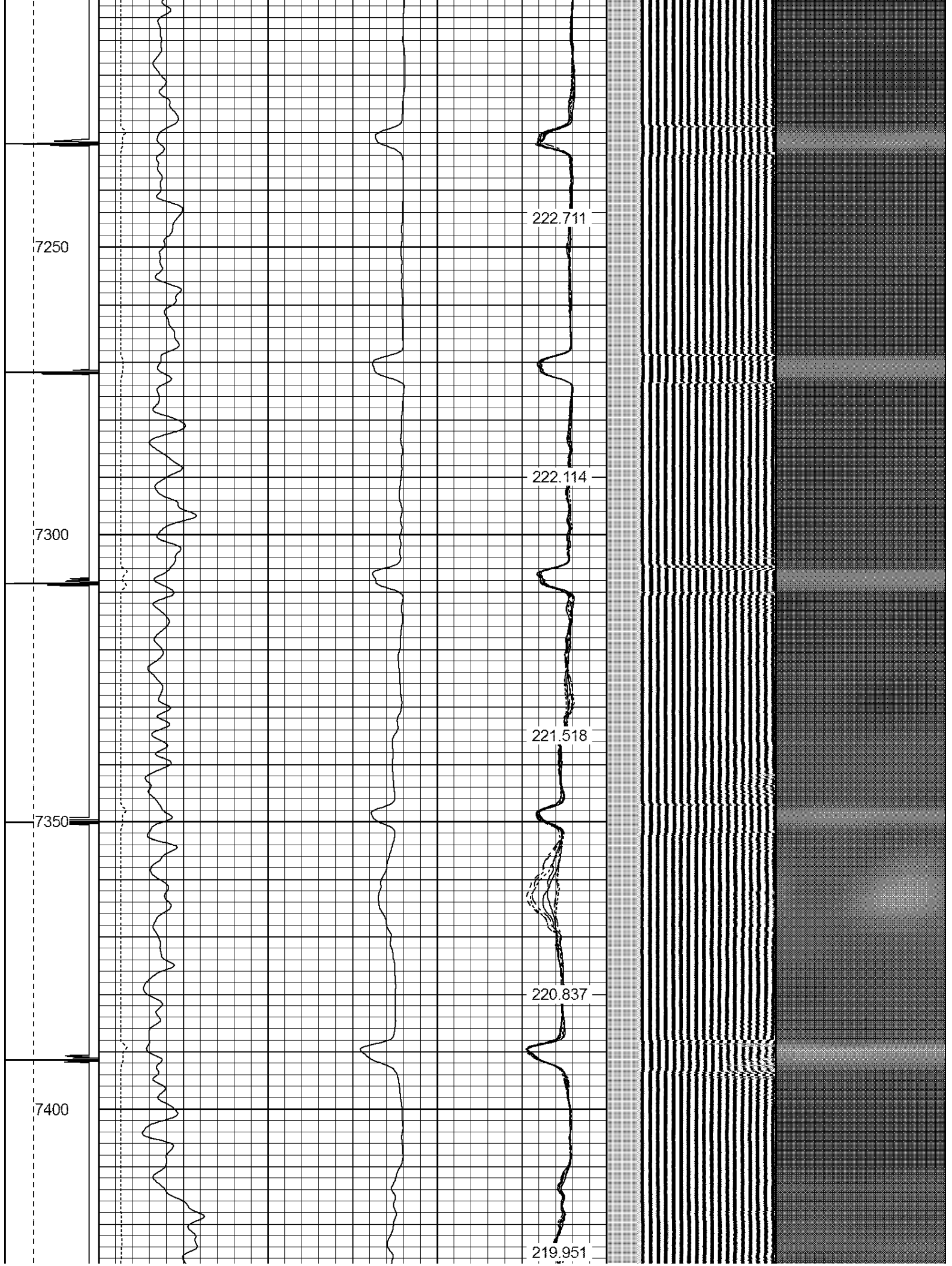


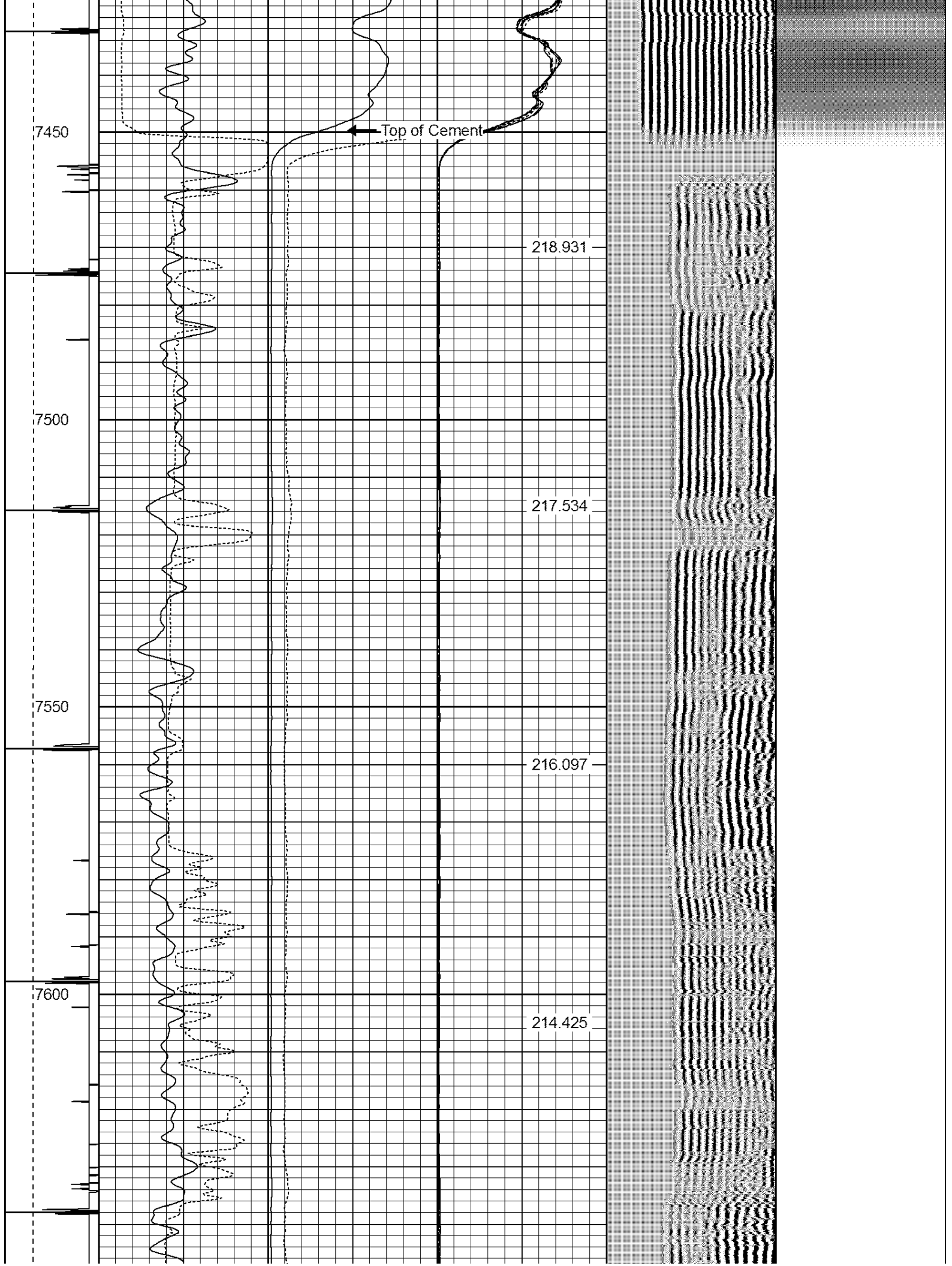


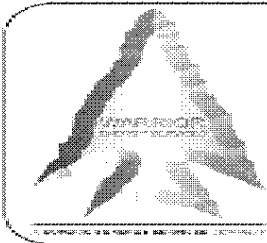
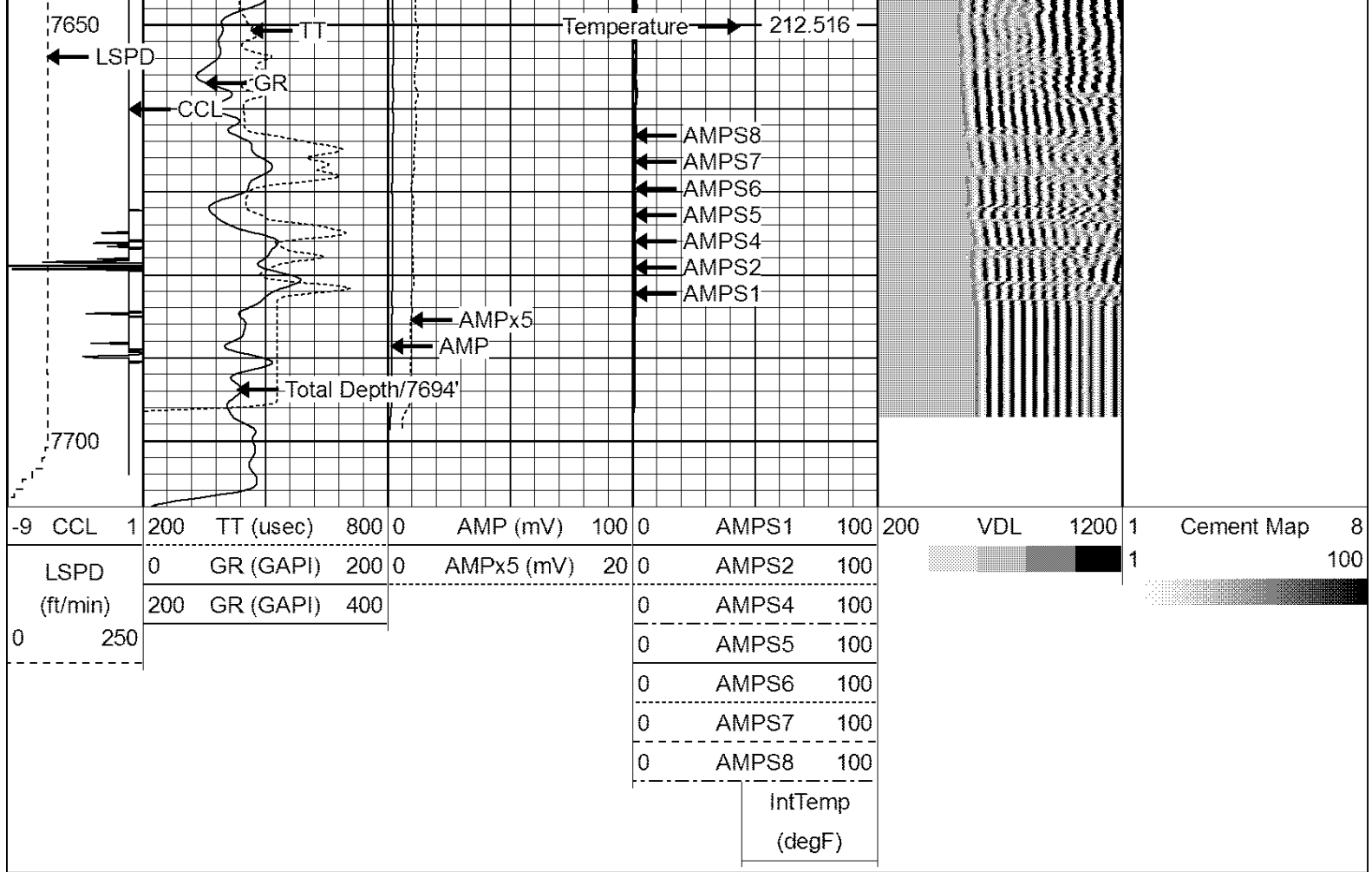












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