



RADIAL CEMENT BOND LOG GAMMA RAY CCL

Company Kerr McGee Oil & Gas
Well RAITH L 15-3
Field Wattenberg
County Weld State CO

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Field Wattenberg
County Weld
State CO

Location: API # : 05-123-09832
SHL: 990' FNL 1590' FWL
SEC 15 TWP 3N RGE 66W
Permanent Datum GL Elevation 4862
Log Measured From KB: 10'
Drilling Measured From KB
Other Services
Elevation
K.B. 4872'
D.F. 4871'
G.L. 4862'

Date 12-2-2014

Run Number ONE
Depth Driller 7981'
Depth Logger 7703'
Bottom Logged Interval 7694'
Top Log Interval SURFACE
Open Hole Size 7.875
Type Fluid WATER
Density / Viscosity 1.0
Max. Recorded Temp. 231
Estimated Cement Top 7089' / SURFACE
Time Well Ready NA
Time Logger on Bottom NA
Equipment Number 7770
Location GREELEY
Recorded By J.FLORES
Witnessed By D.POWELL

Borehole Record		Tubing Record					
Run Number	Bit	From	To	Size	Weight	From	To
ONE	12.25	SURFACE	526				
TWO	7.88	526	7981				

Casing Record		Top		Bottom	
Surface String	Size	Wgt/Ft	SURFACE	526'	
Prot. String					
Production String	4.5	10.5#	SURFACE	7981'	
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

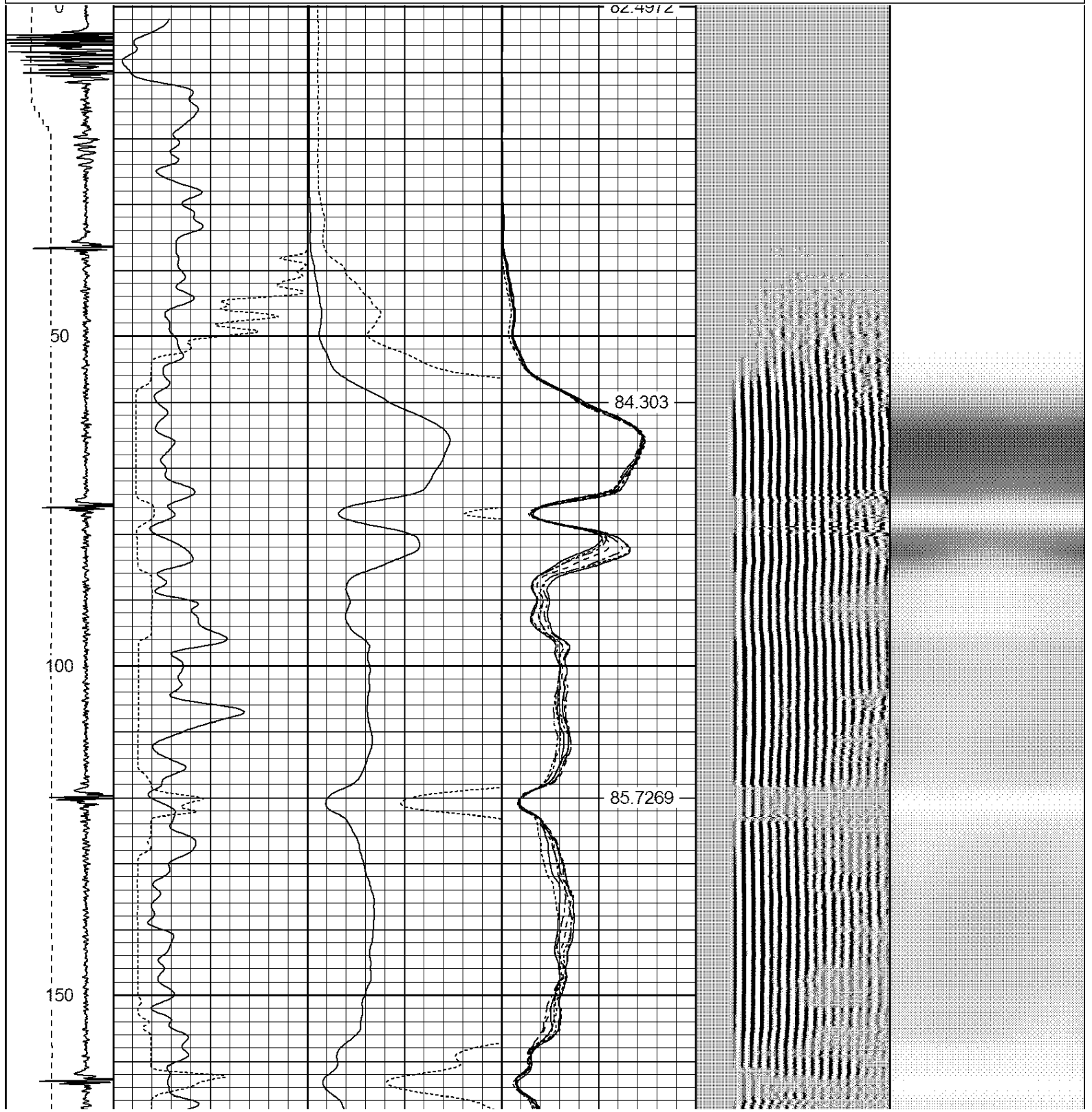
RAN OFF KB
RAN CBL TO VERIFY CEMENT.

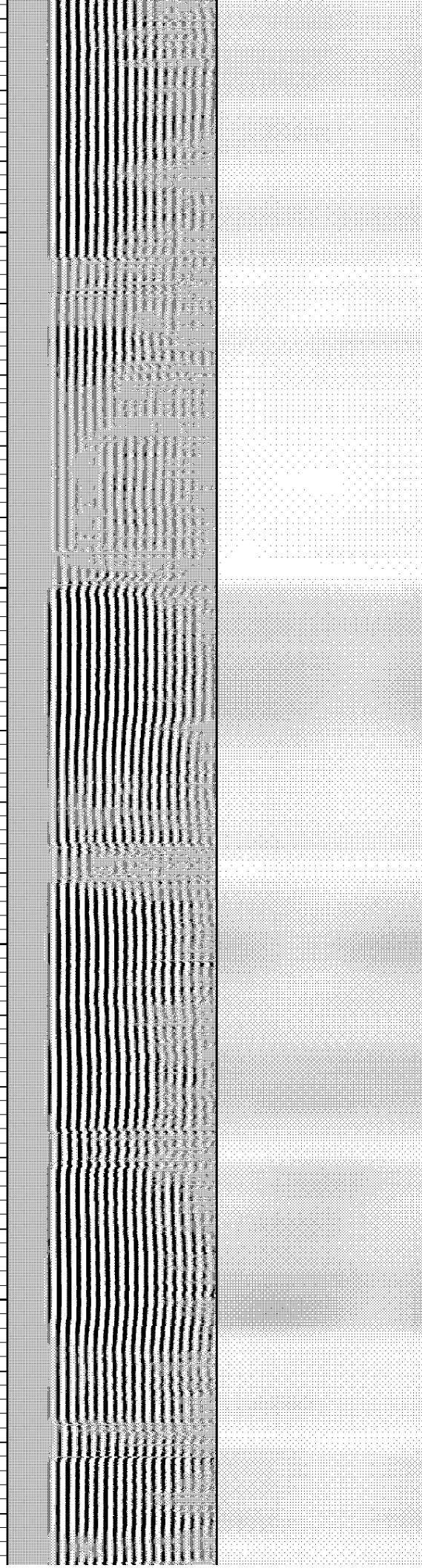
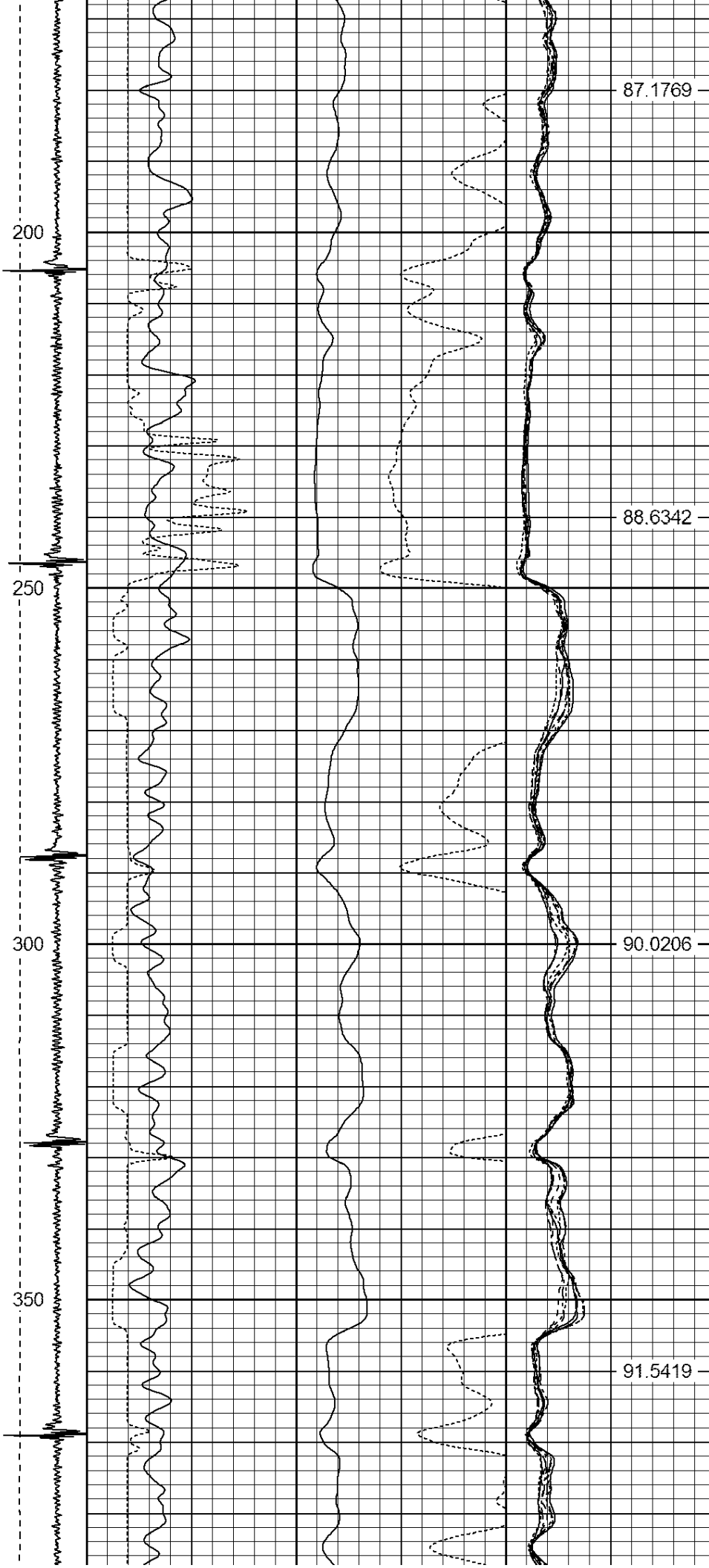
THANK YOU FOR USING WARRIOR ENERGY!

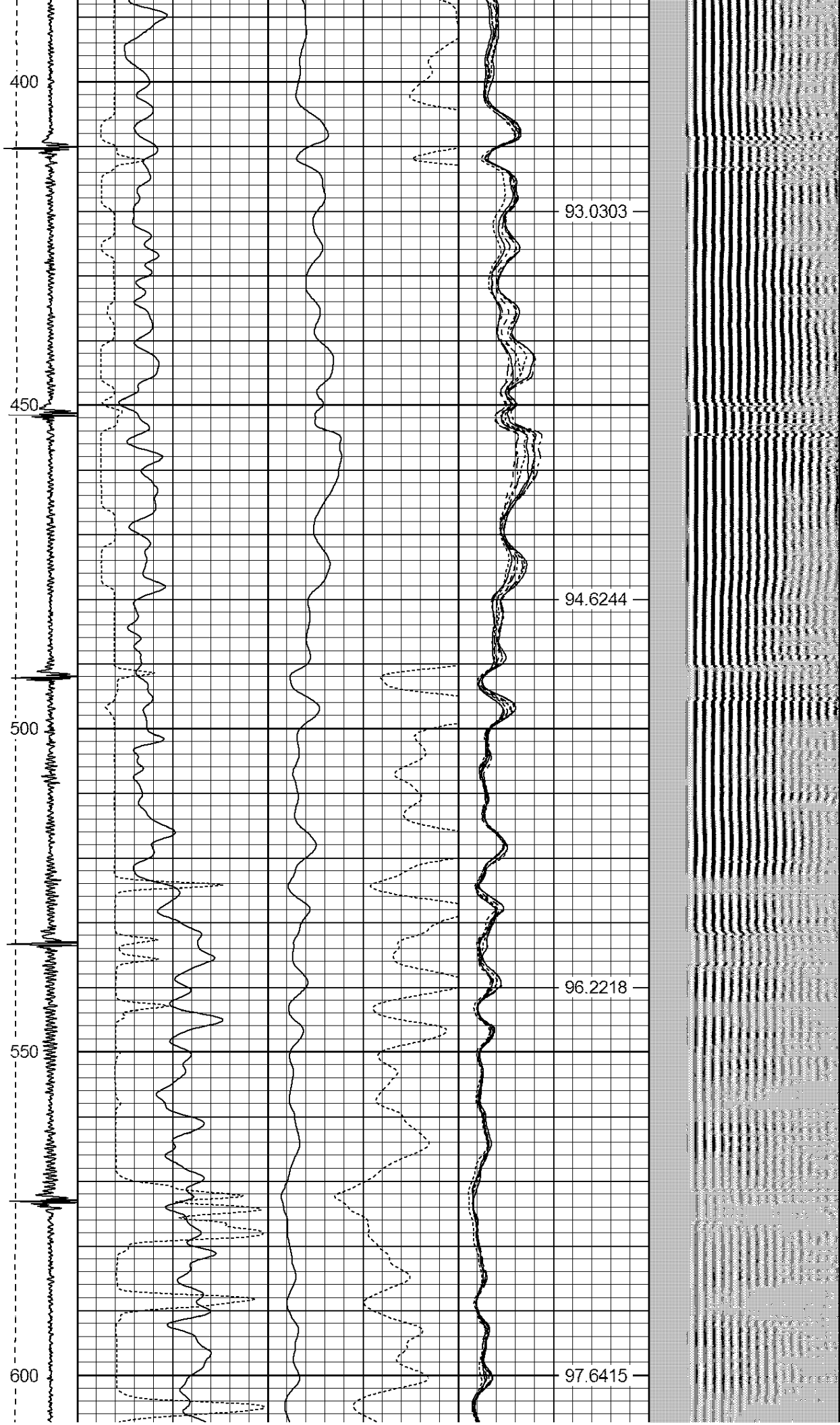
Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)

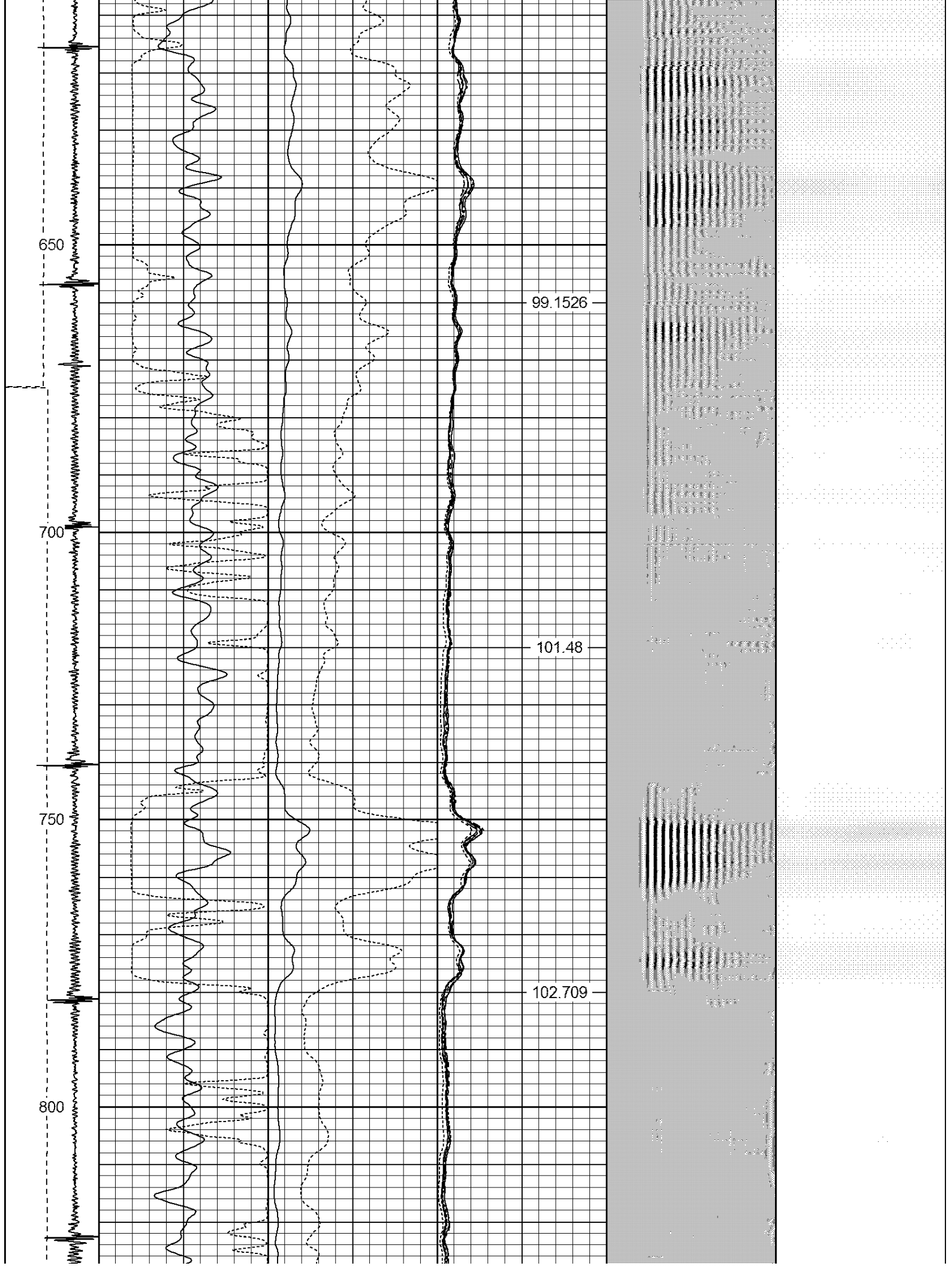
			CENT #2 -Probe (PTS_MONO)	2.75	2.75	35.00
HEADVOLT	16.00					
IntTemp	14.58					
			RBT-Probe (Base) Probe RadII Bond Tool with Digital Telemetry	8.92	2.75	90.00
WVF3FT	11.33					
WVFCAL	11.33					
WVFS1	11.33					
WVFS2	11.33					
WVFS3	11.33					
WVFS4	11.33					
WVFS5	11.33					
WVFS6	11.33					
WVFS7	11.33					
WVFS8	11.33					
WVF5FT	10.33					
			CENT-Probe (PT_MONO2)	2.75	2.75	35.00
CCL	3.64					
			GR-Probe (275) Probe 2.75"	4.33	2.75	30.00
GR	0.90					
Dataset: Total Length: Total Weight: O.D.						
raith I 15-3.db: field/well/run1/pass259 18.75 ft 190.00 lb 2.75 in						

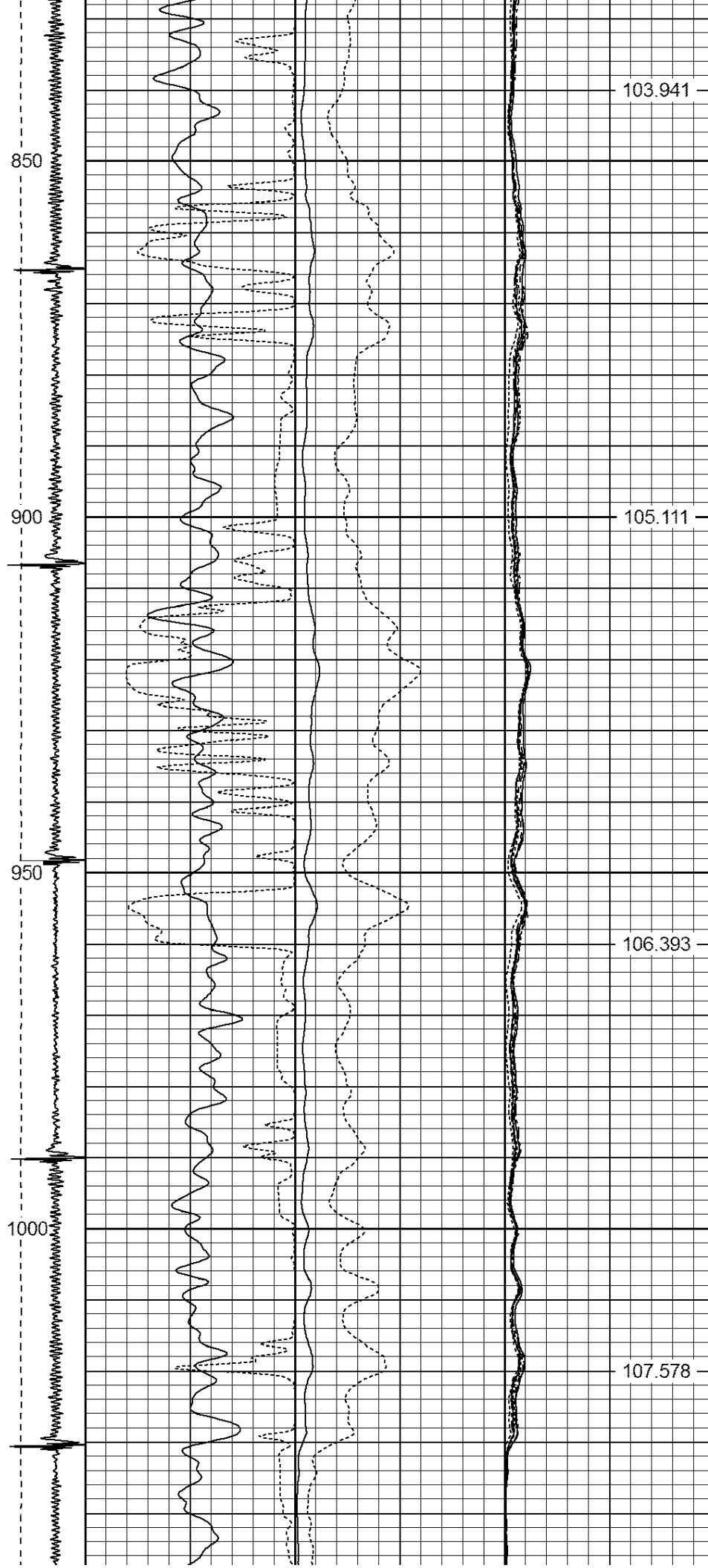
-9	CCL	3	200	TT (usec)	800	0	AMP (mV)	100	0	AMPS1	100	200	VDL	1200	1	Cement Map	8
LSPD			0	GR (GAPI)	200	0	AMPx5 (mV)	20	0	AMPS2	100				1		100
(ft/min)			200	GR (GAPI)	400				0	AMPS4	100						
0	-250								0	AMPS5	100						
									0	AMPS6	100						
									0	AMPS7	100						
									0	AMPS8	100						
										IntTemp							
										(degF)							



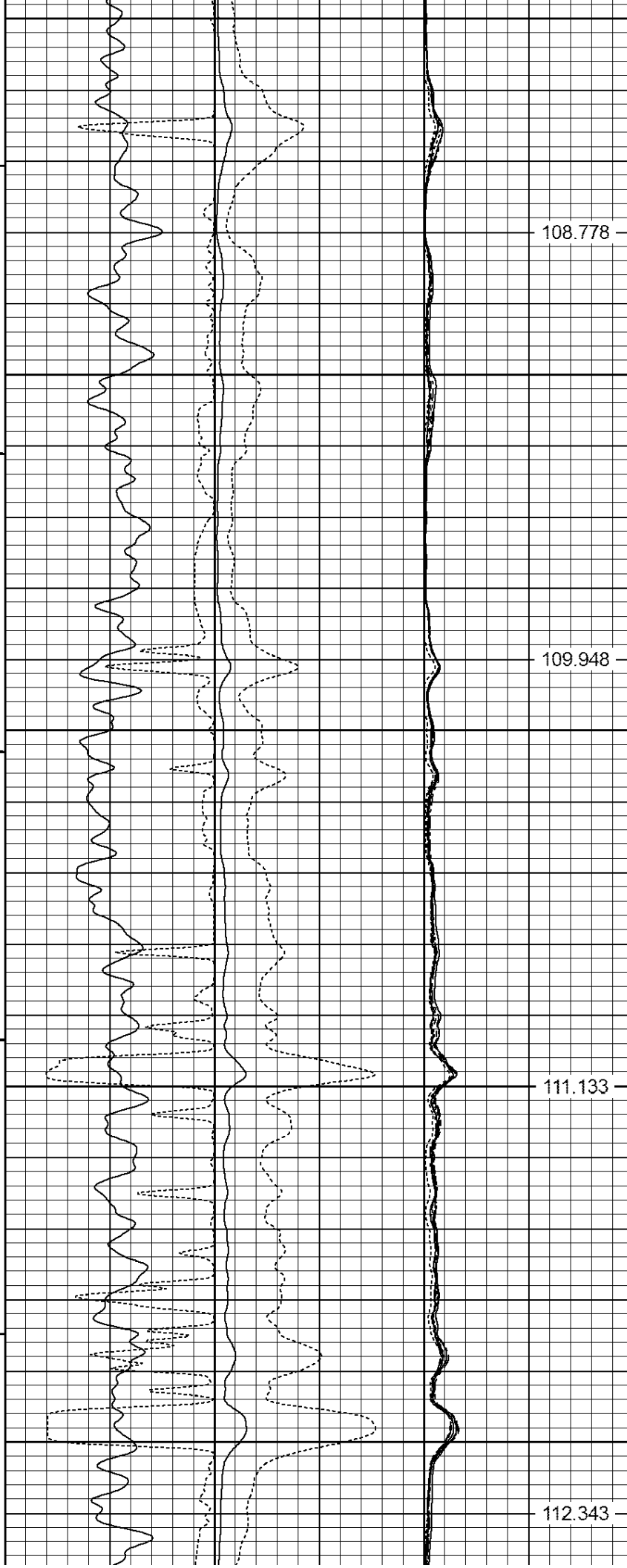


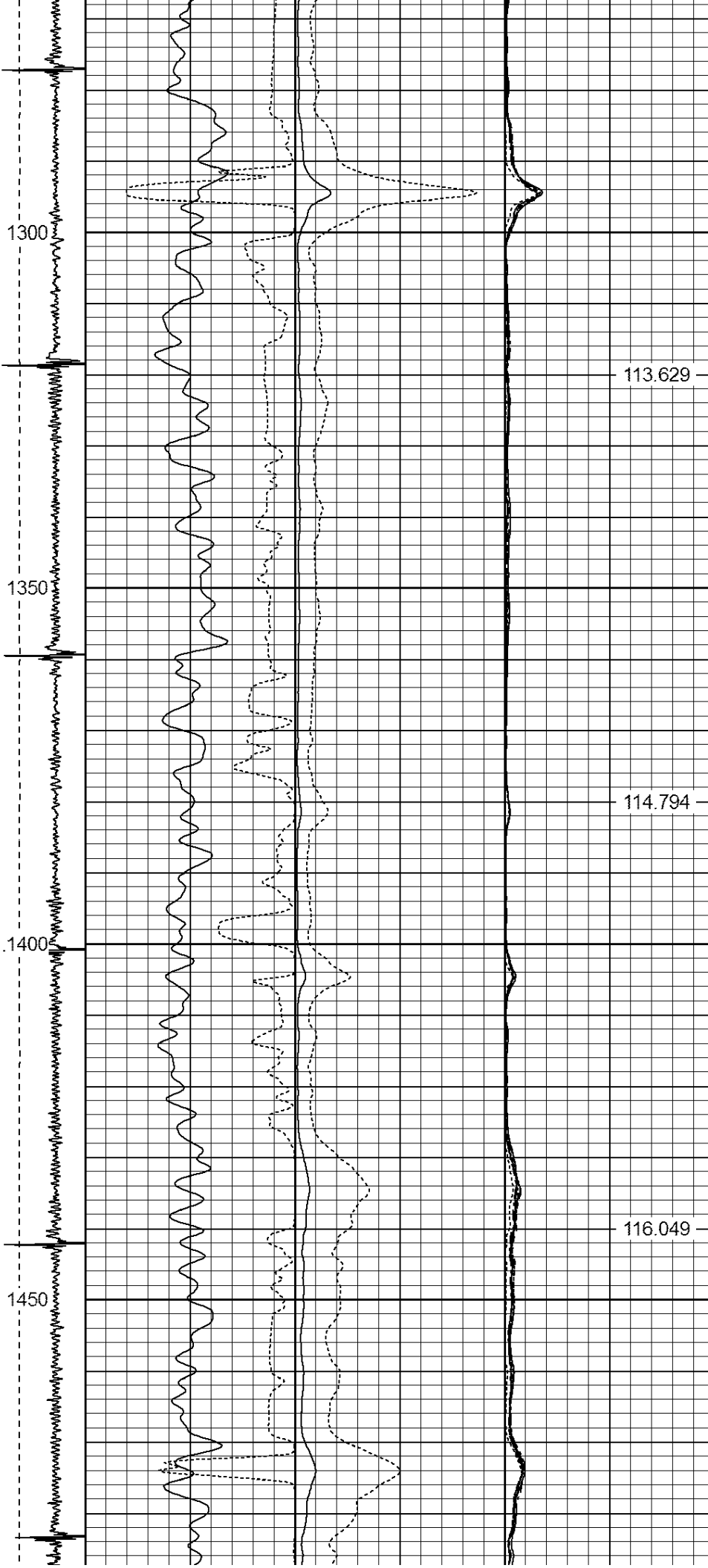






1050
1100
1150
1200
1250





113.629

114.794

116.049

1500

1550

1600

1650

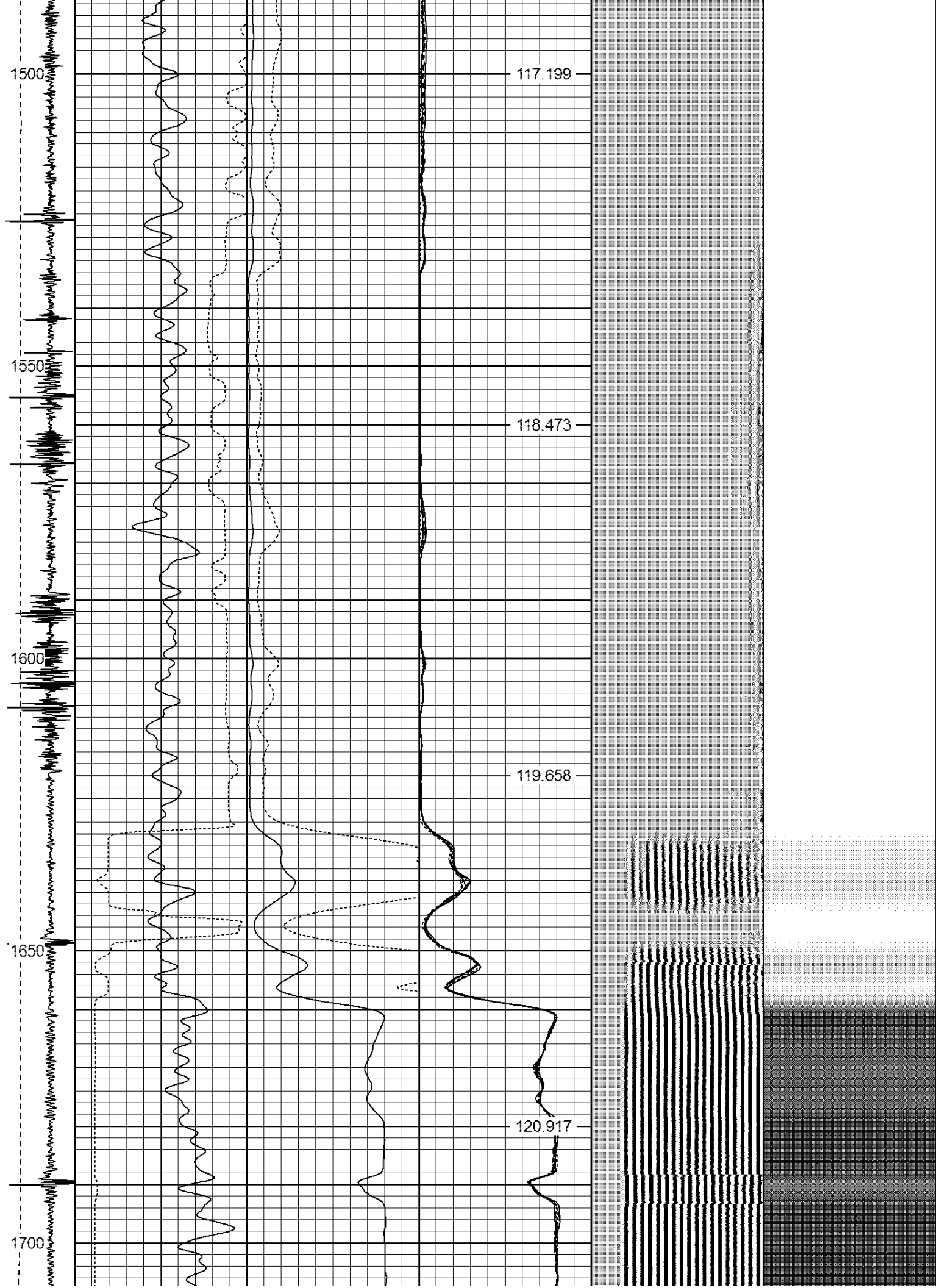
1700

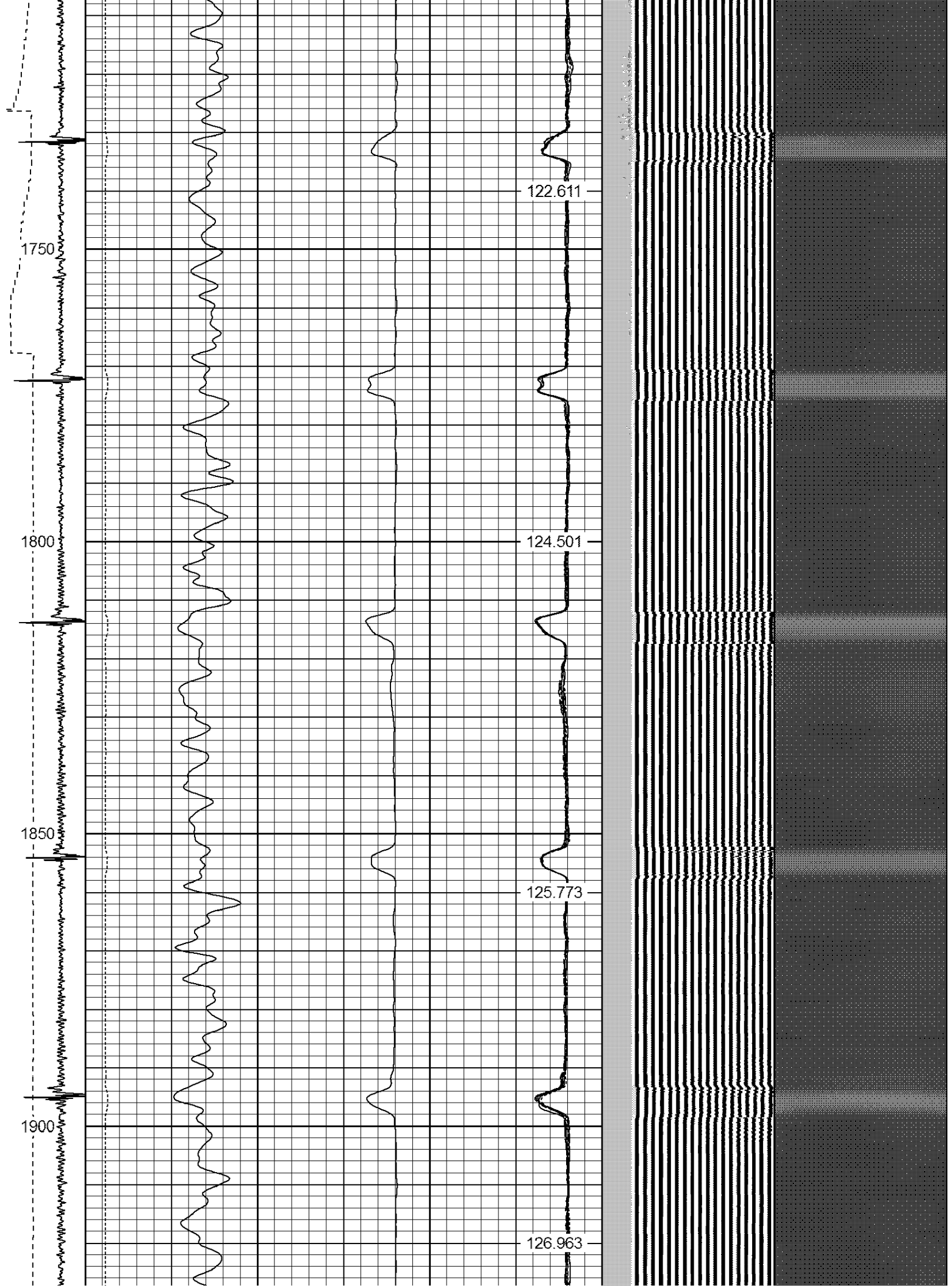
117.199

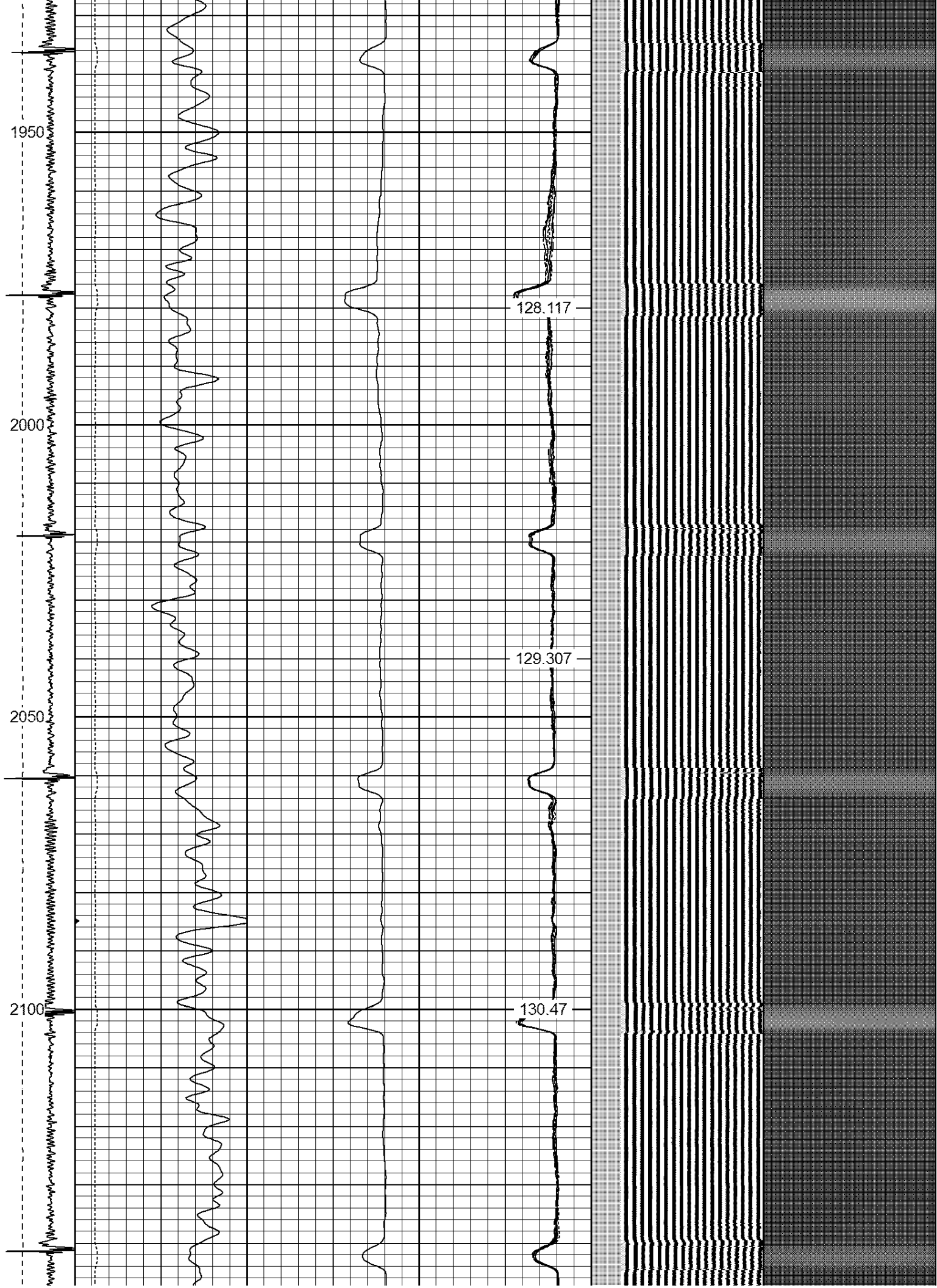
118.473

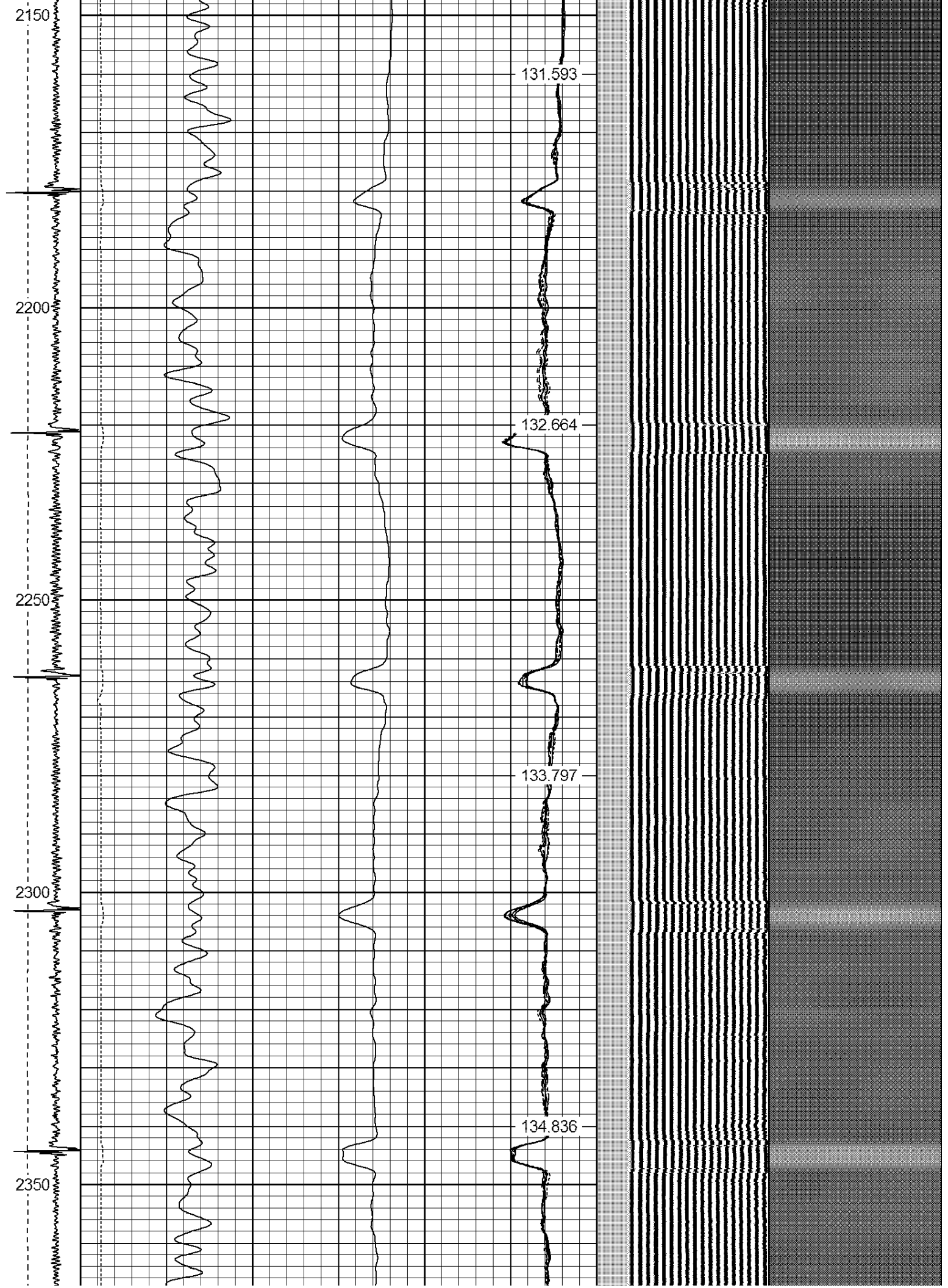
119.658

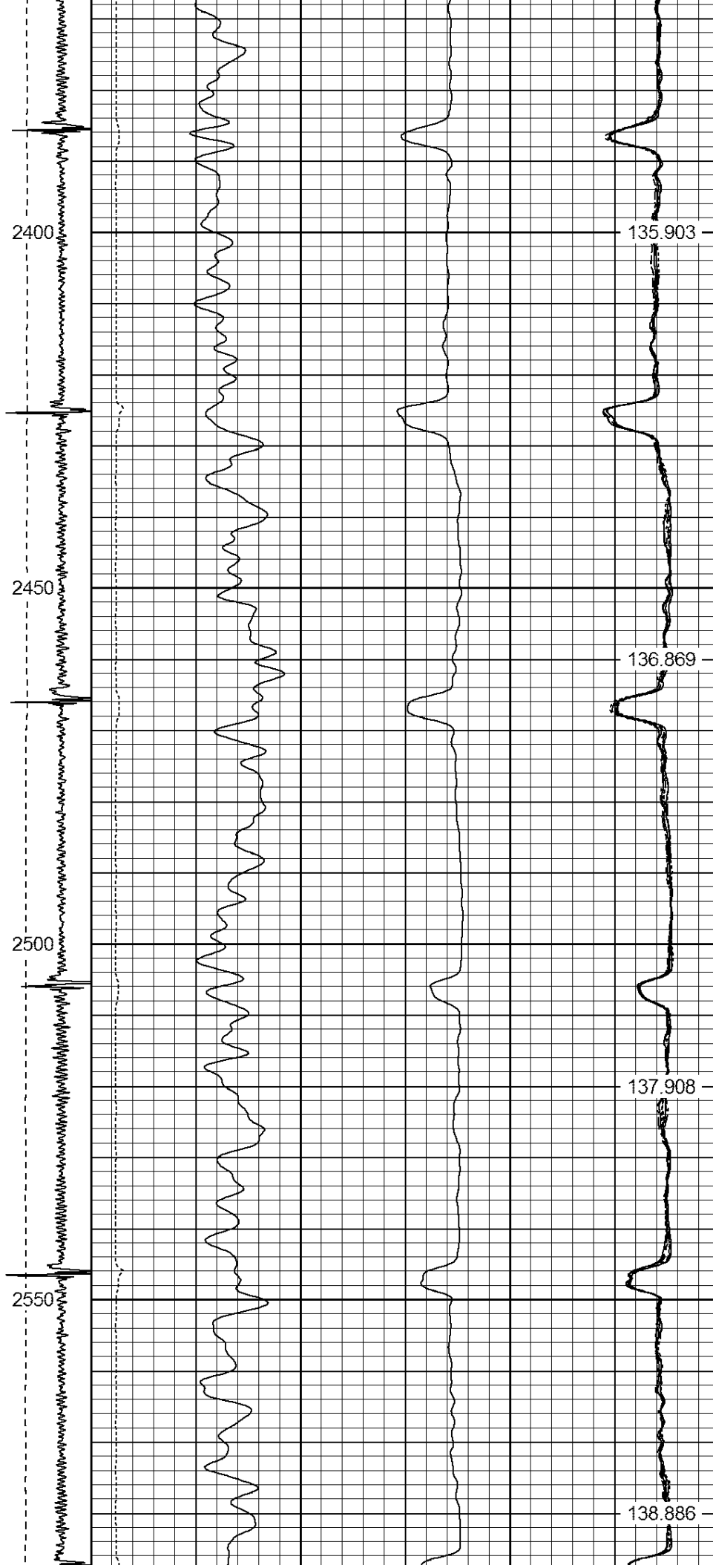
120.917









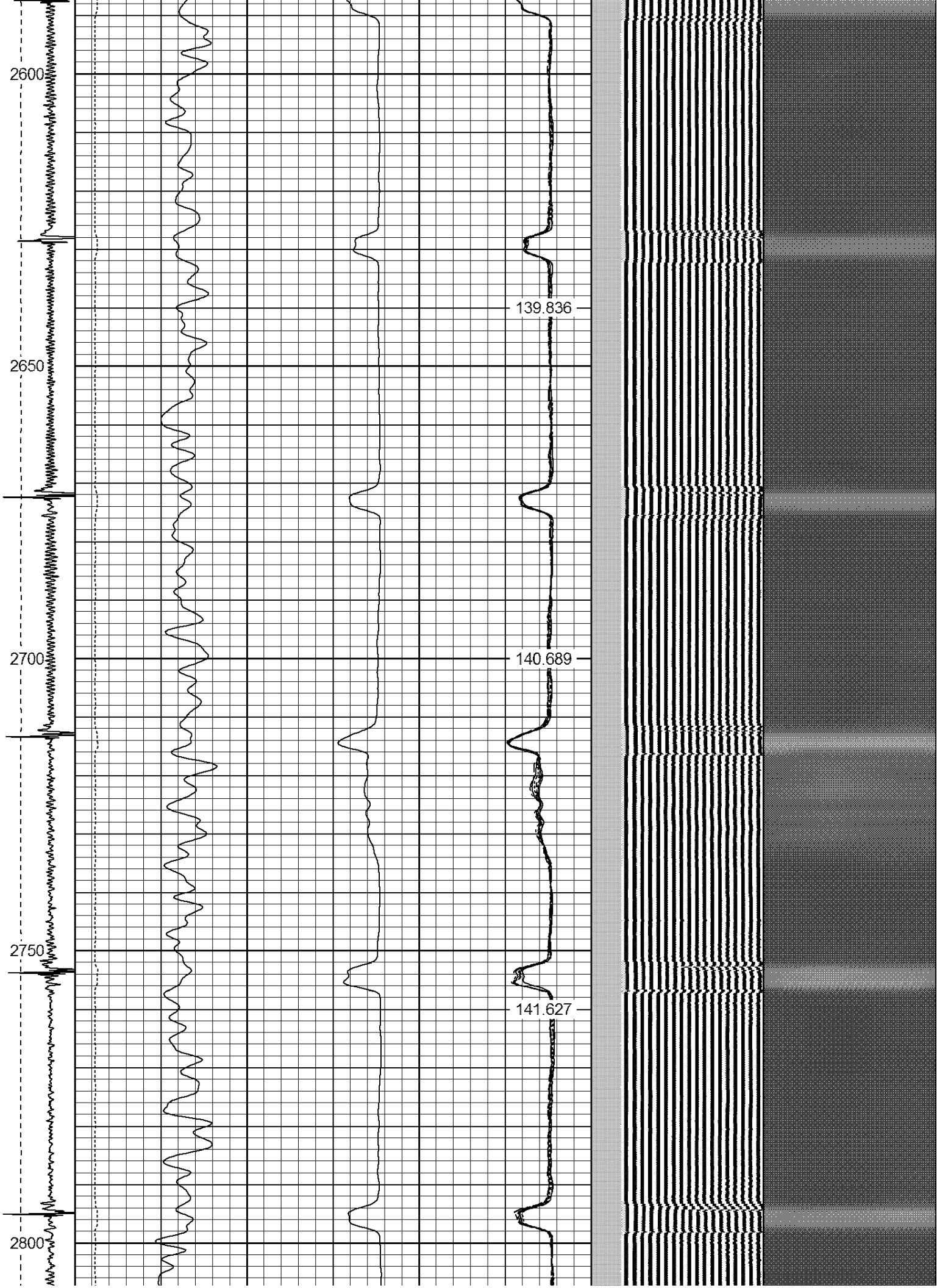


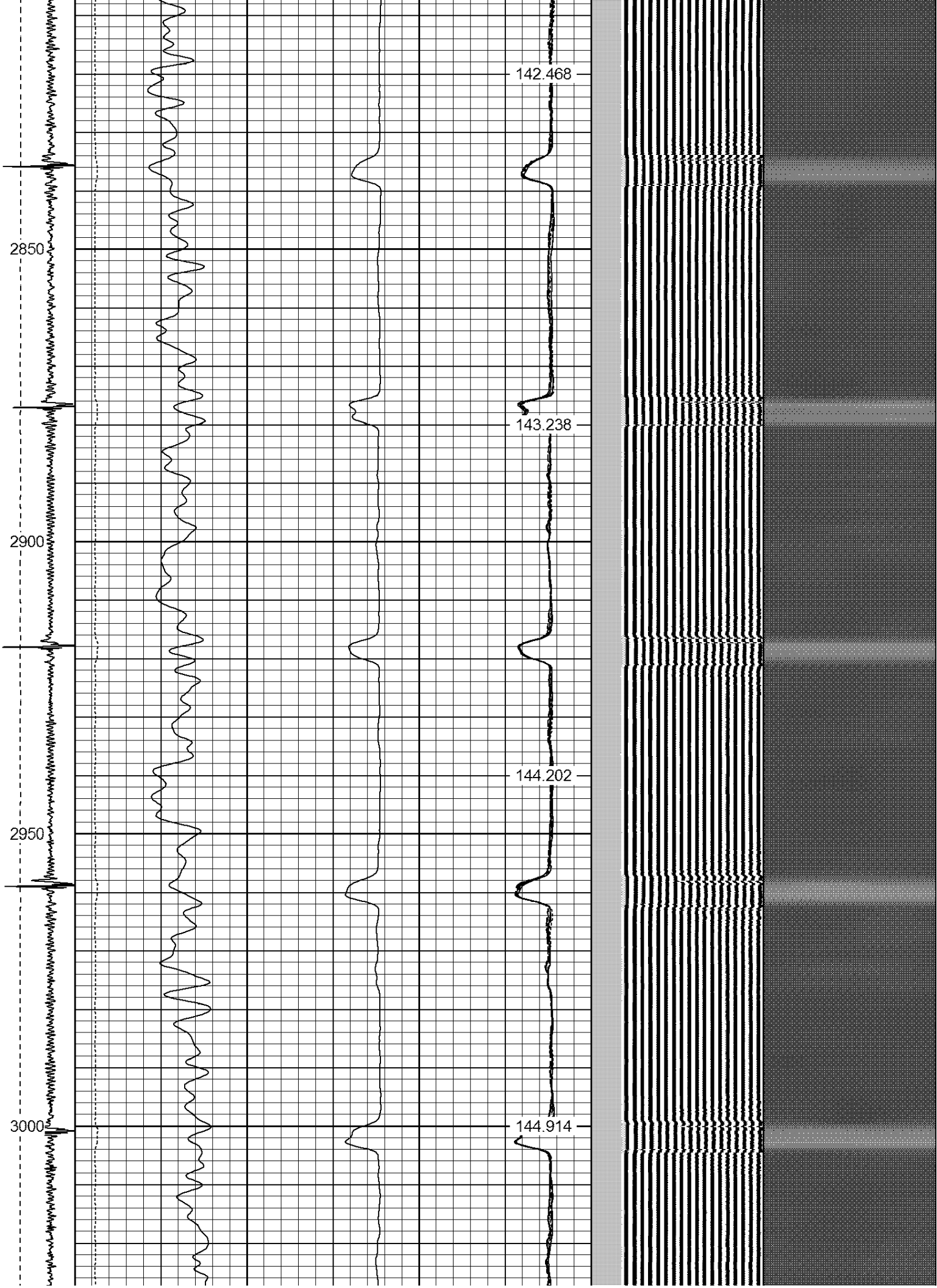
135.903

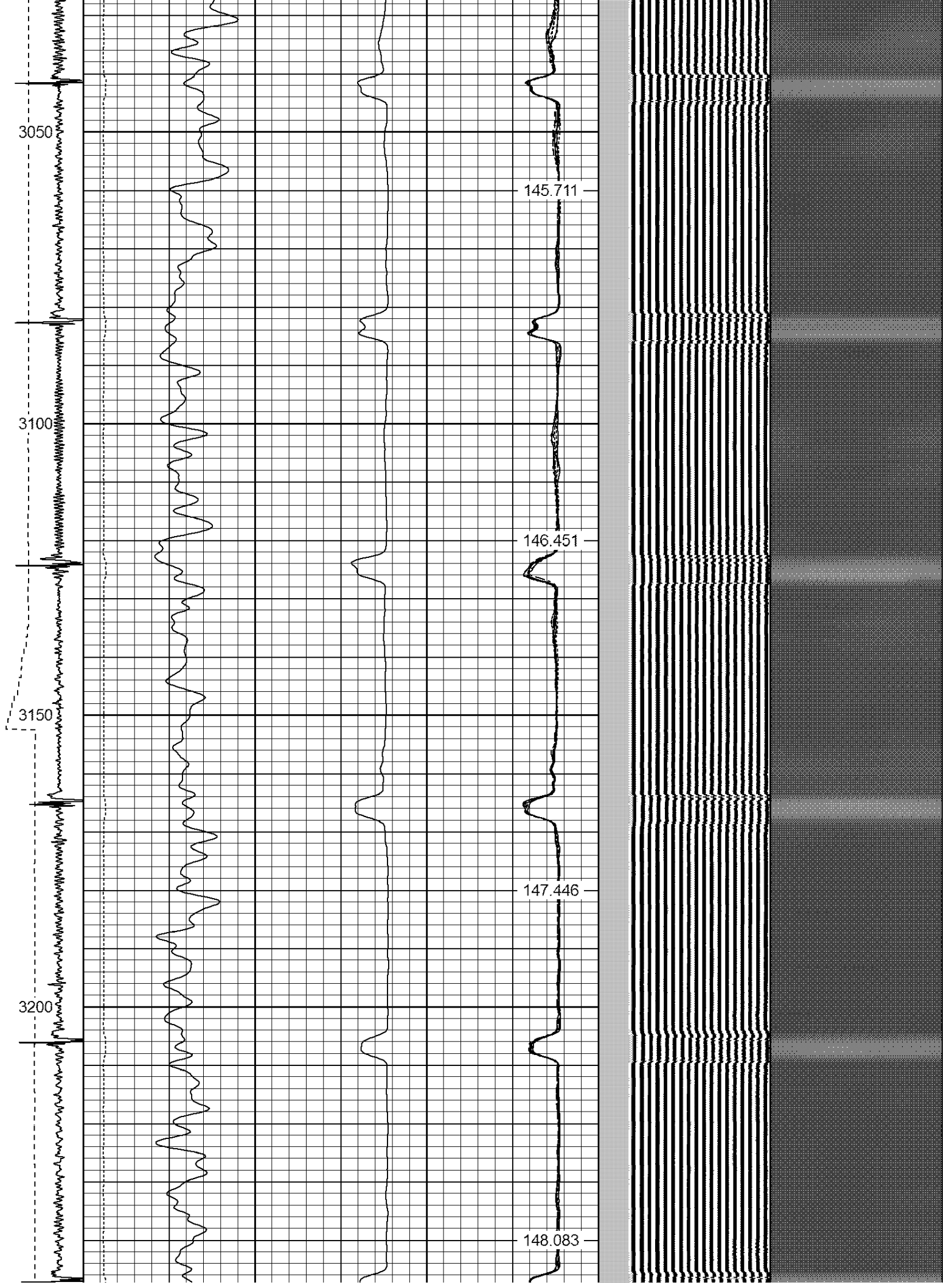
136.869

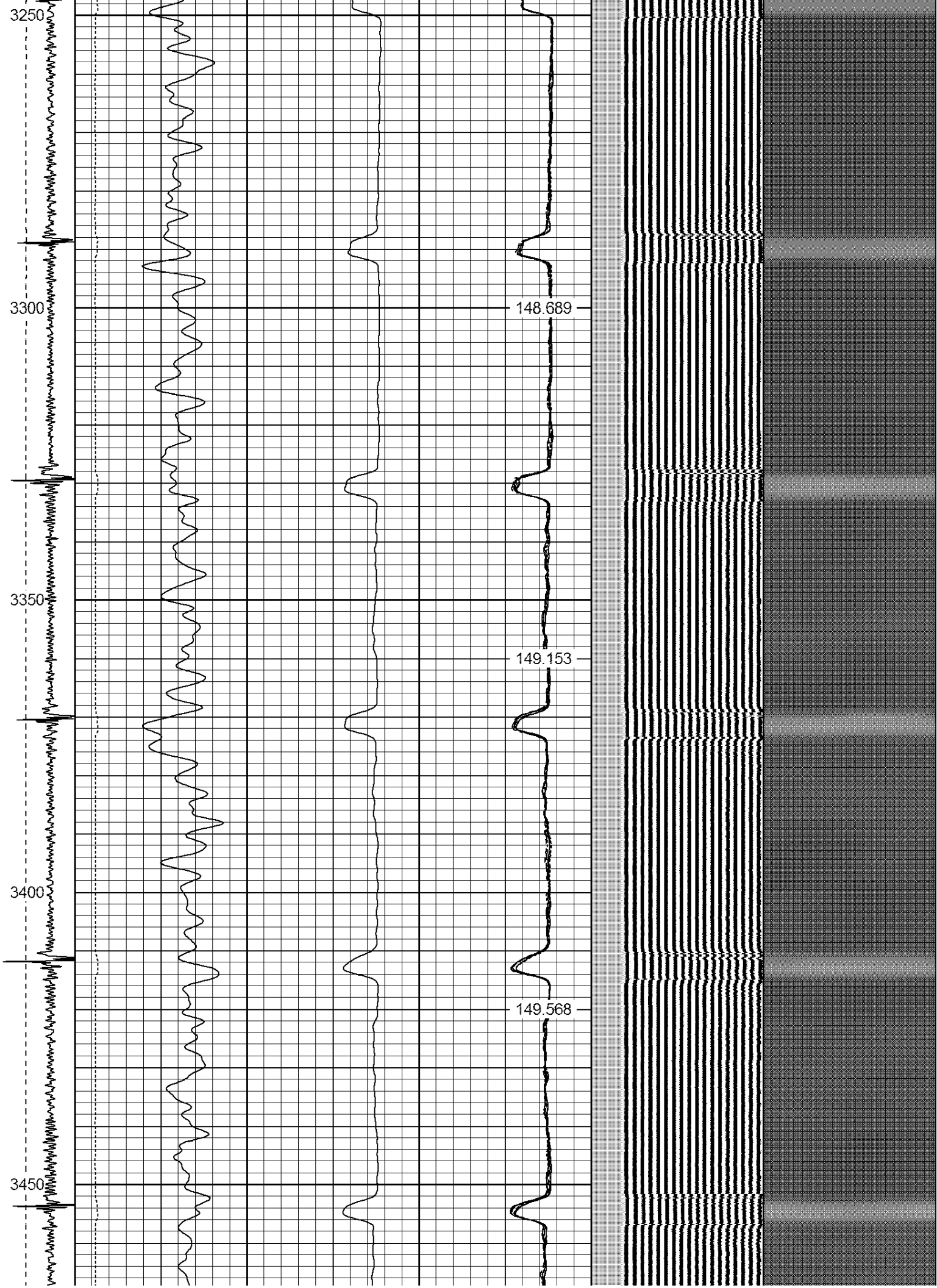
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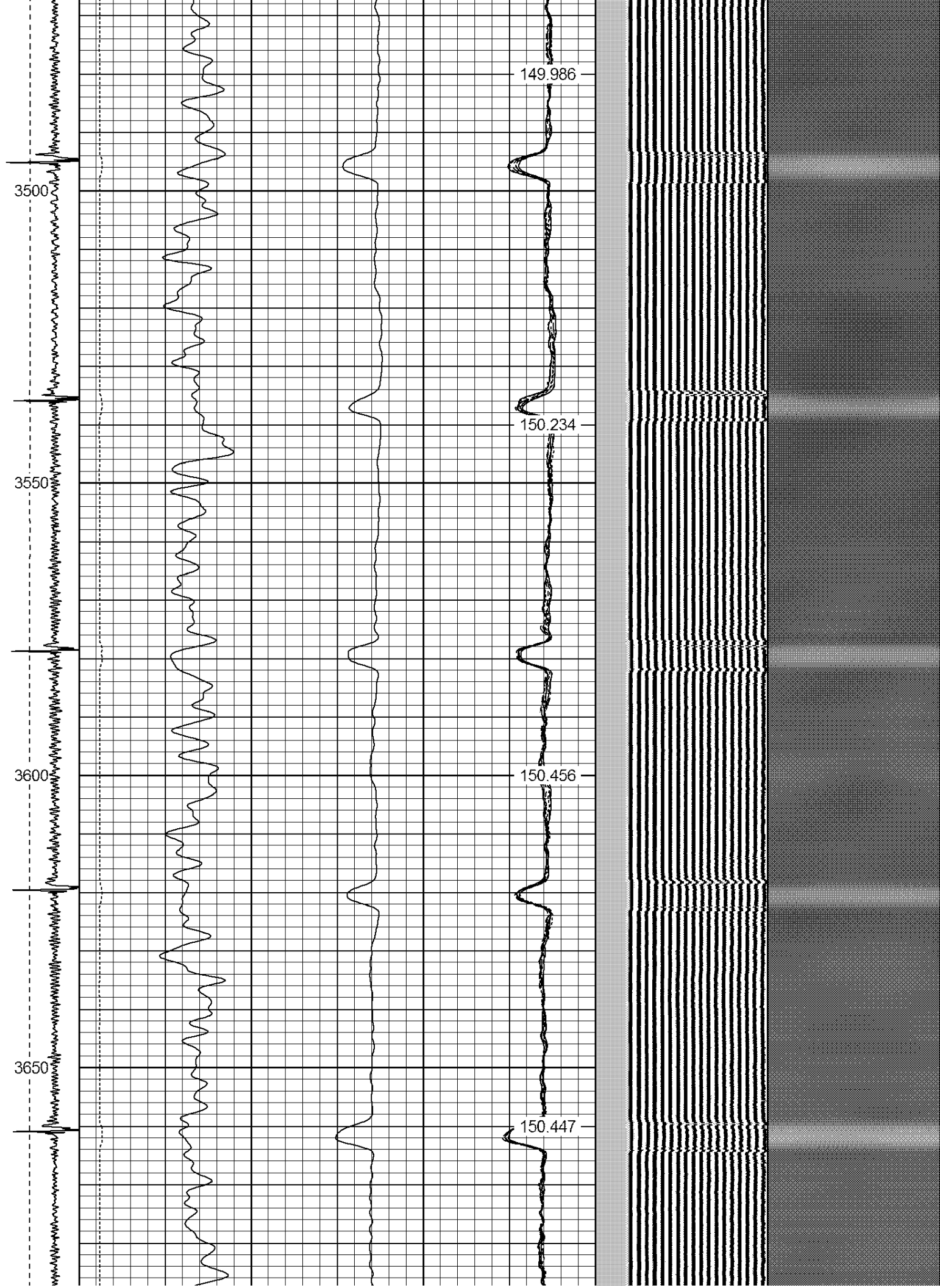
138.886



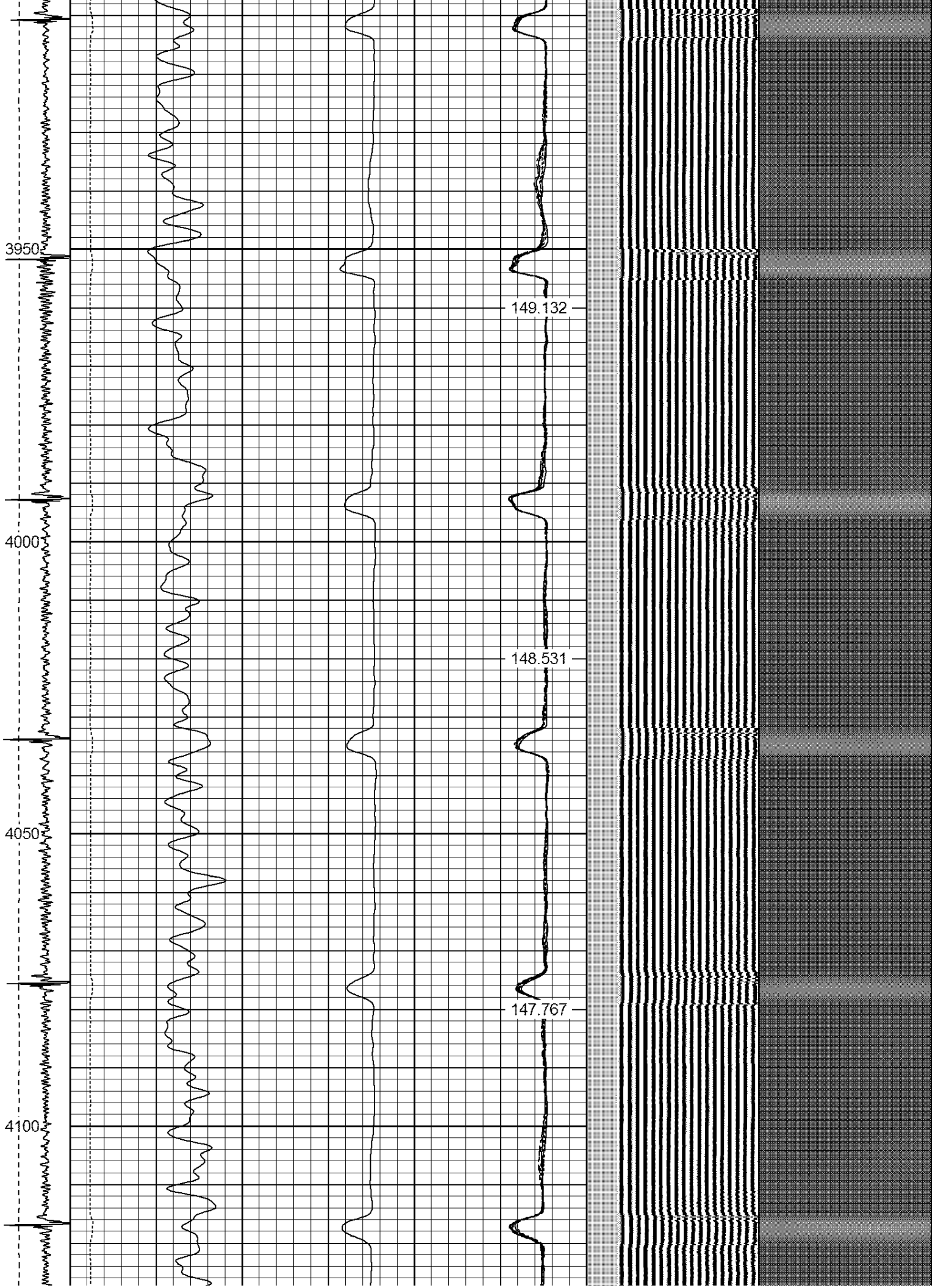


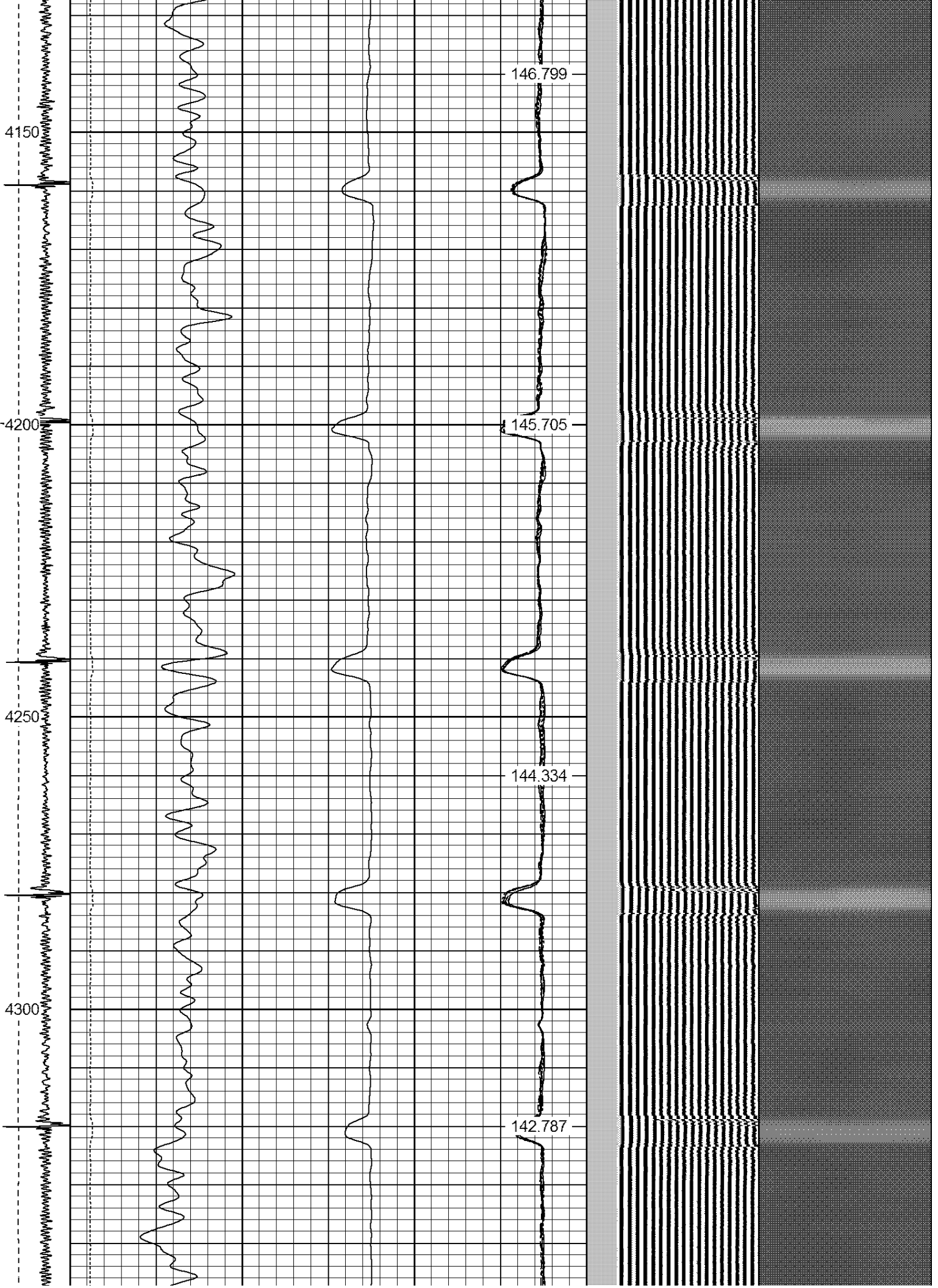


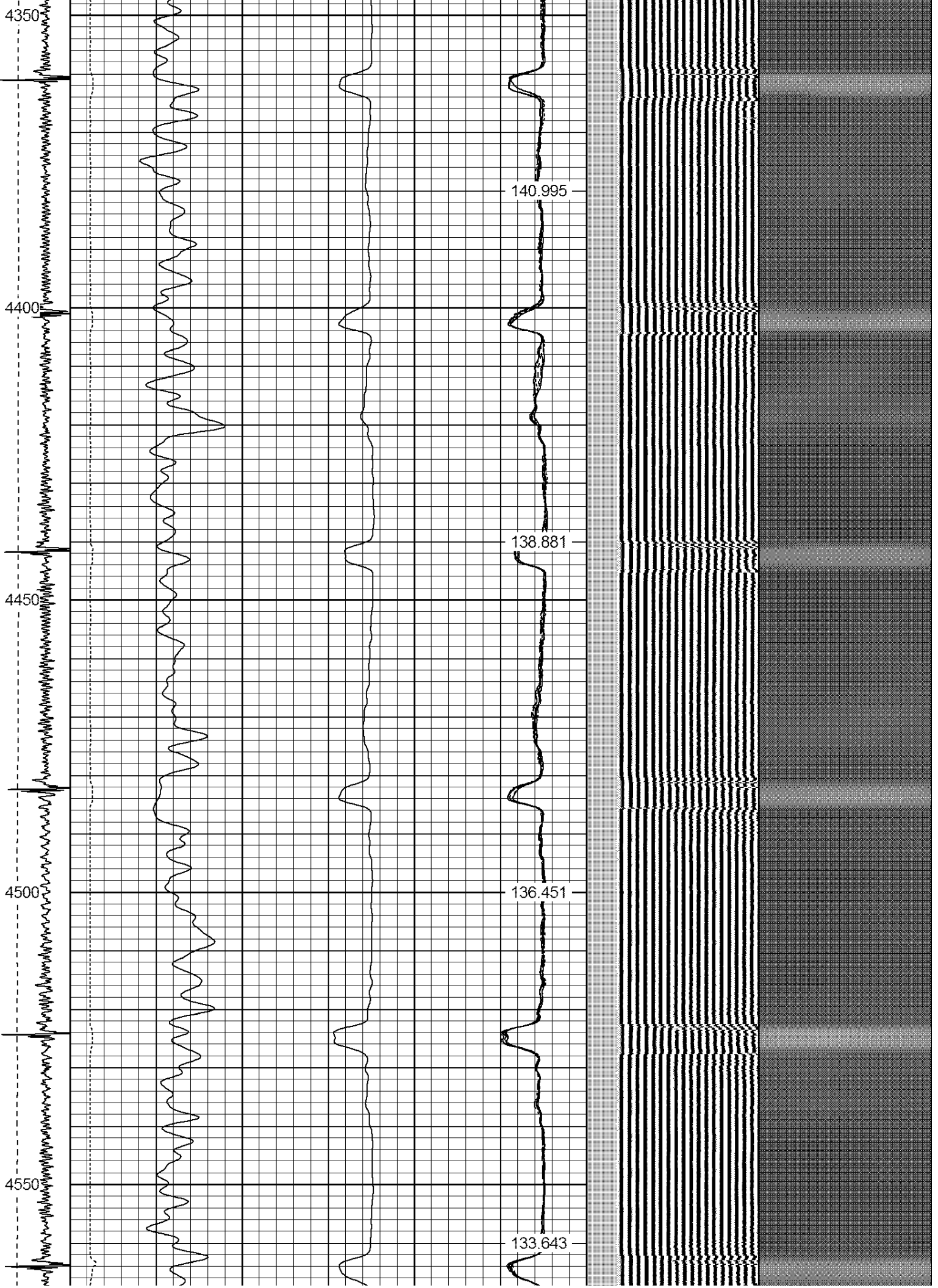




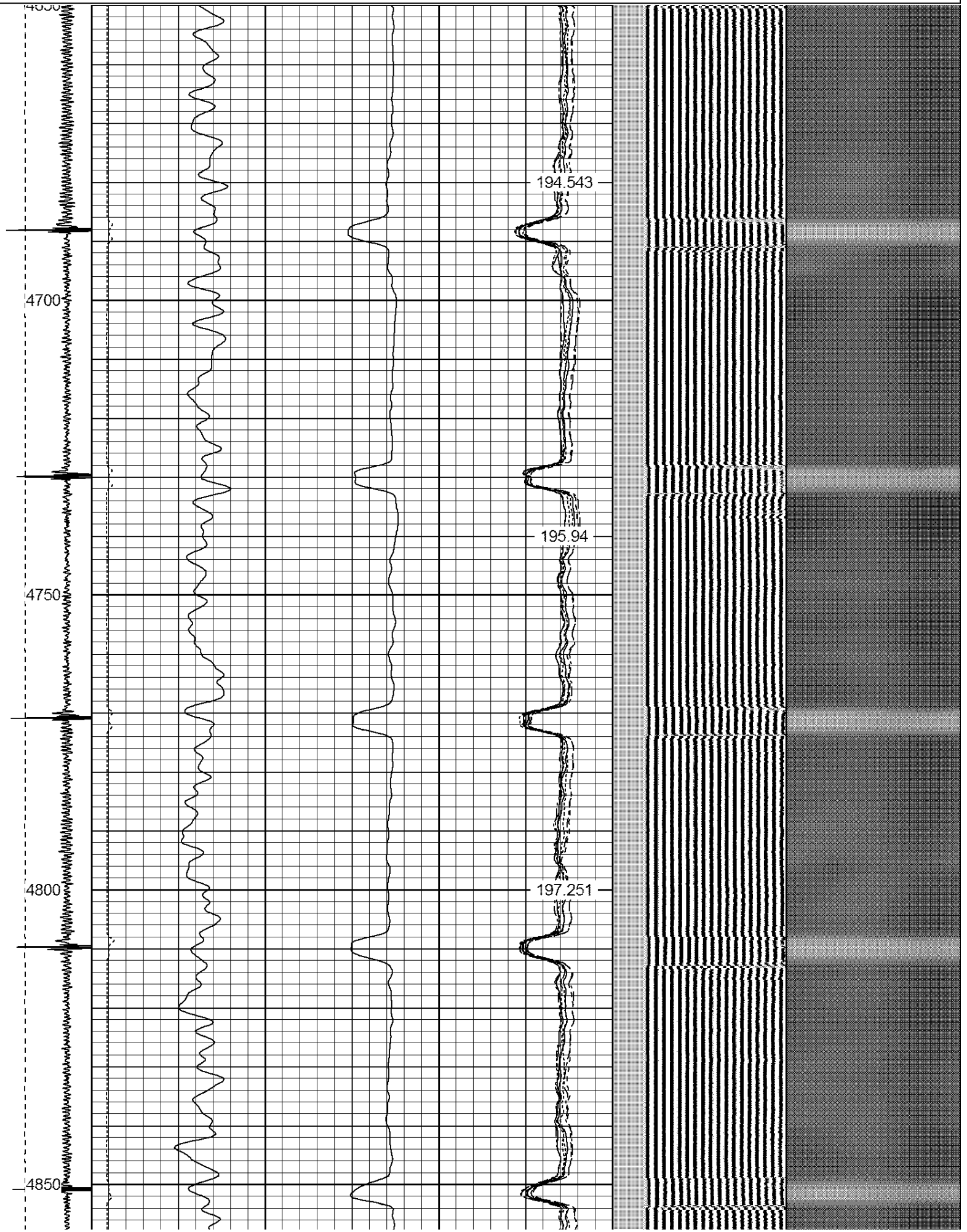


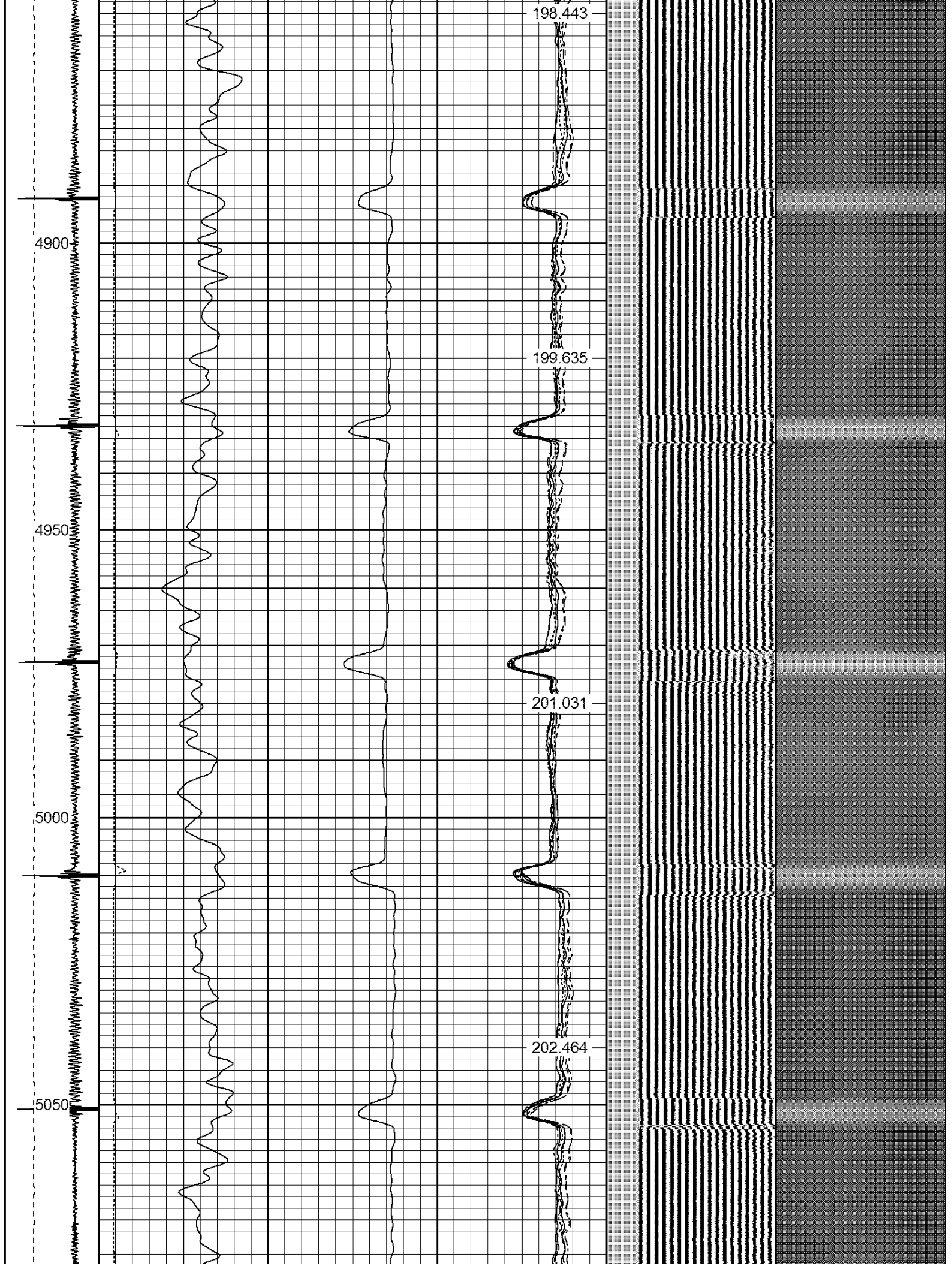


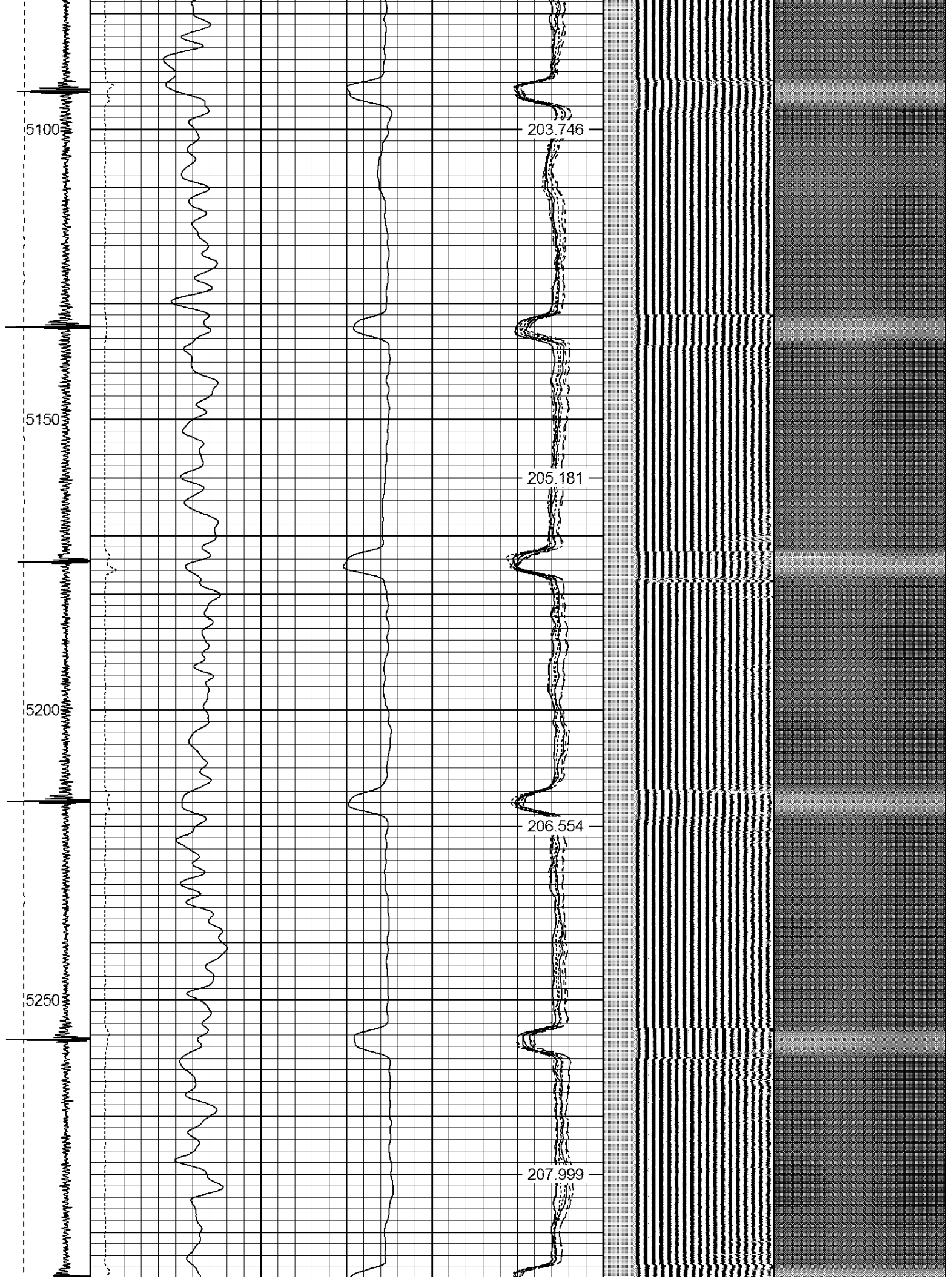


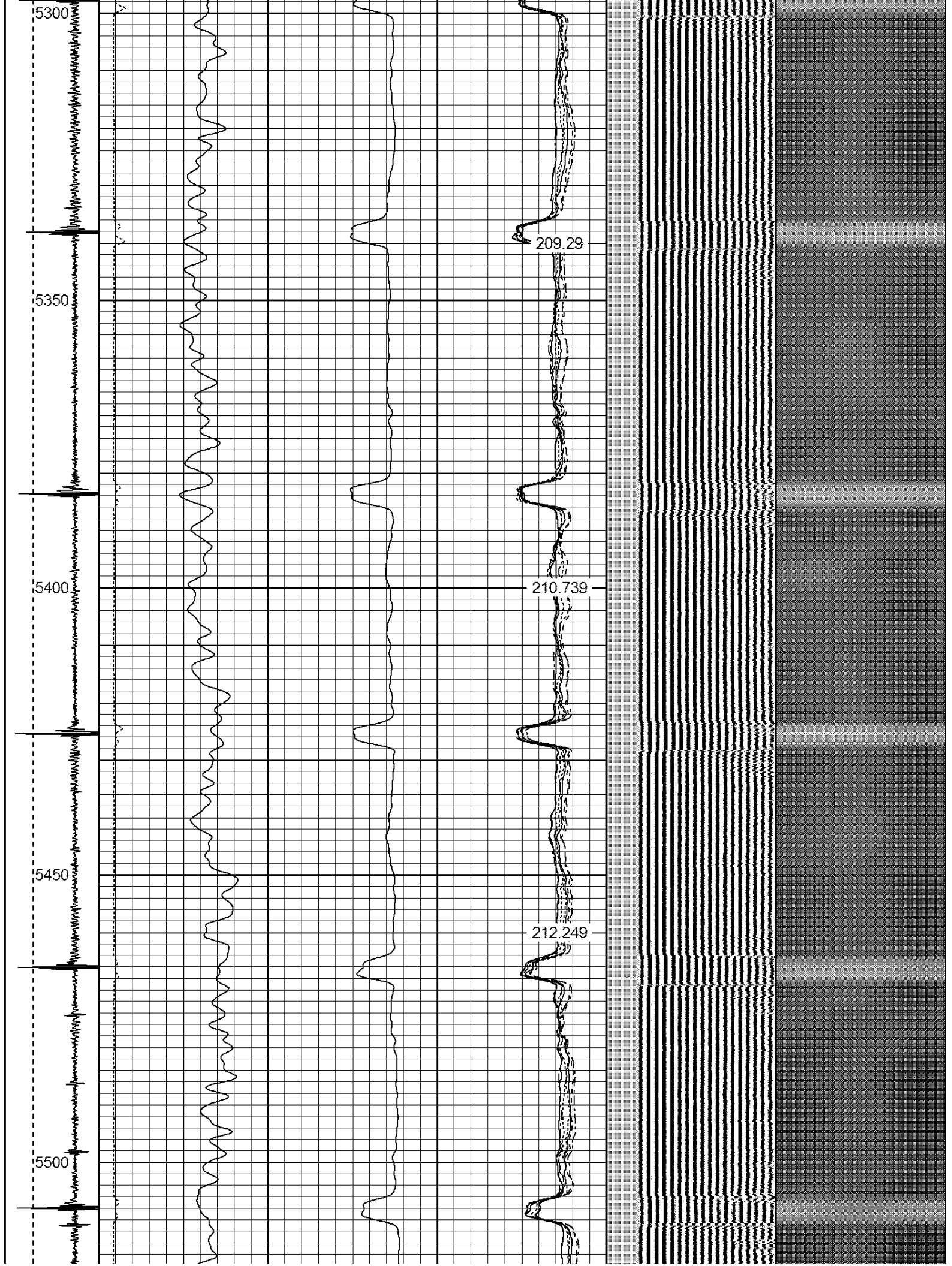


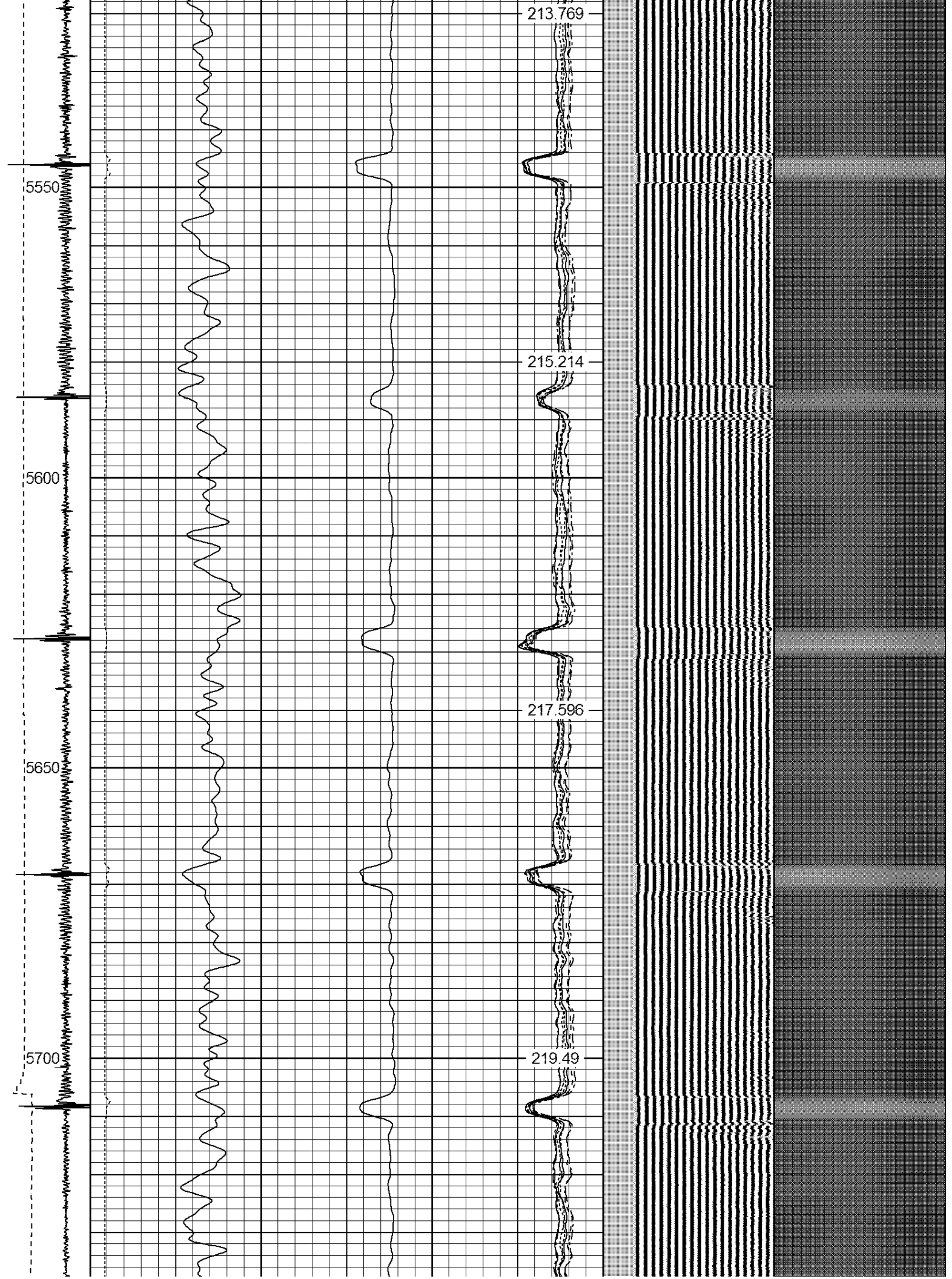
IntTemp
(degF)

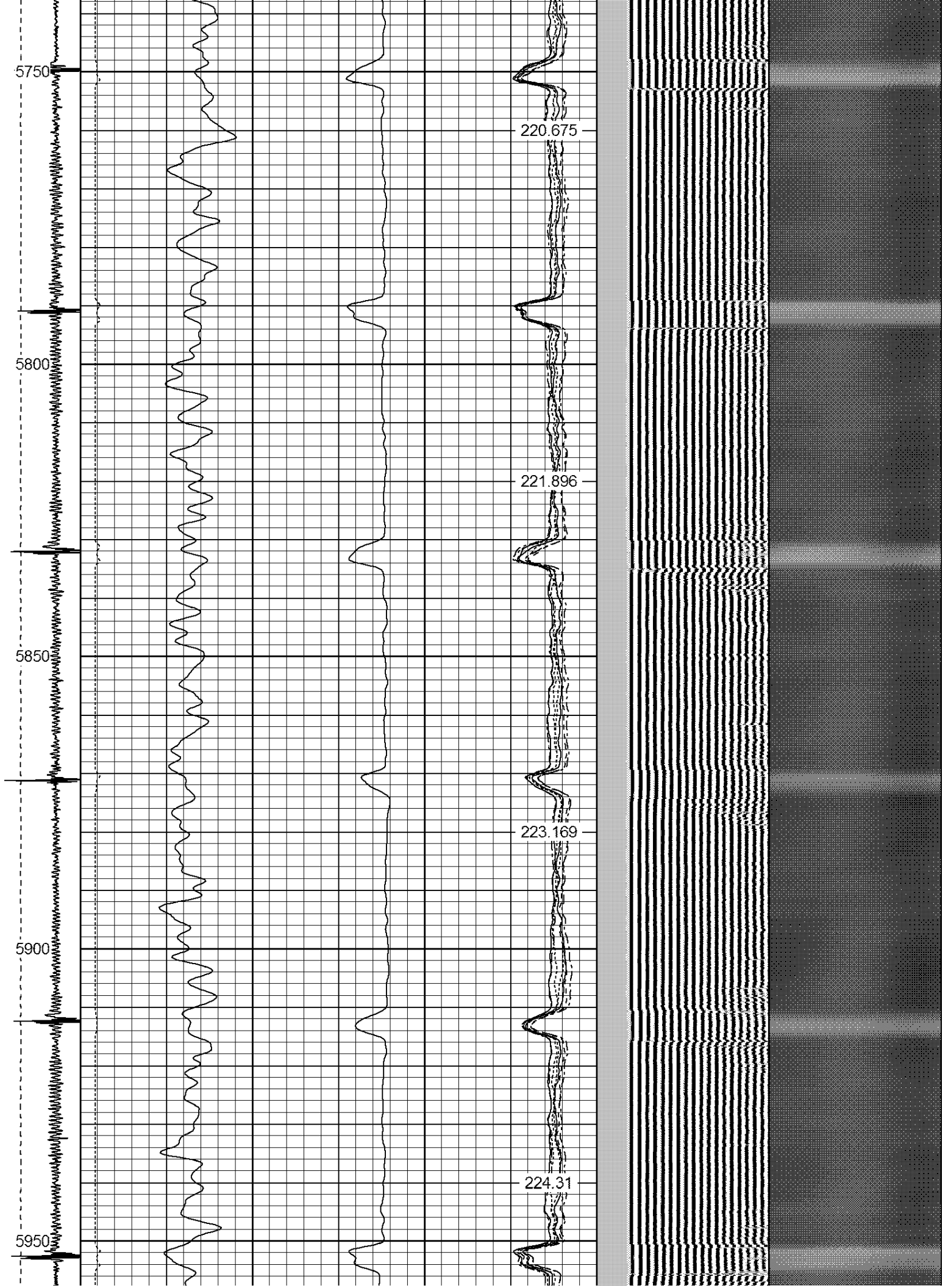


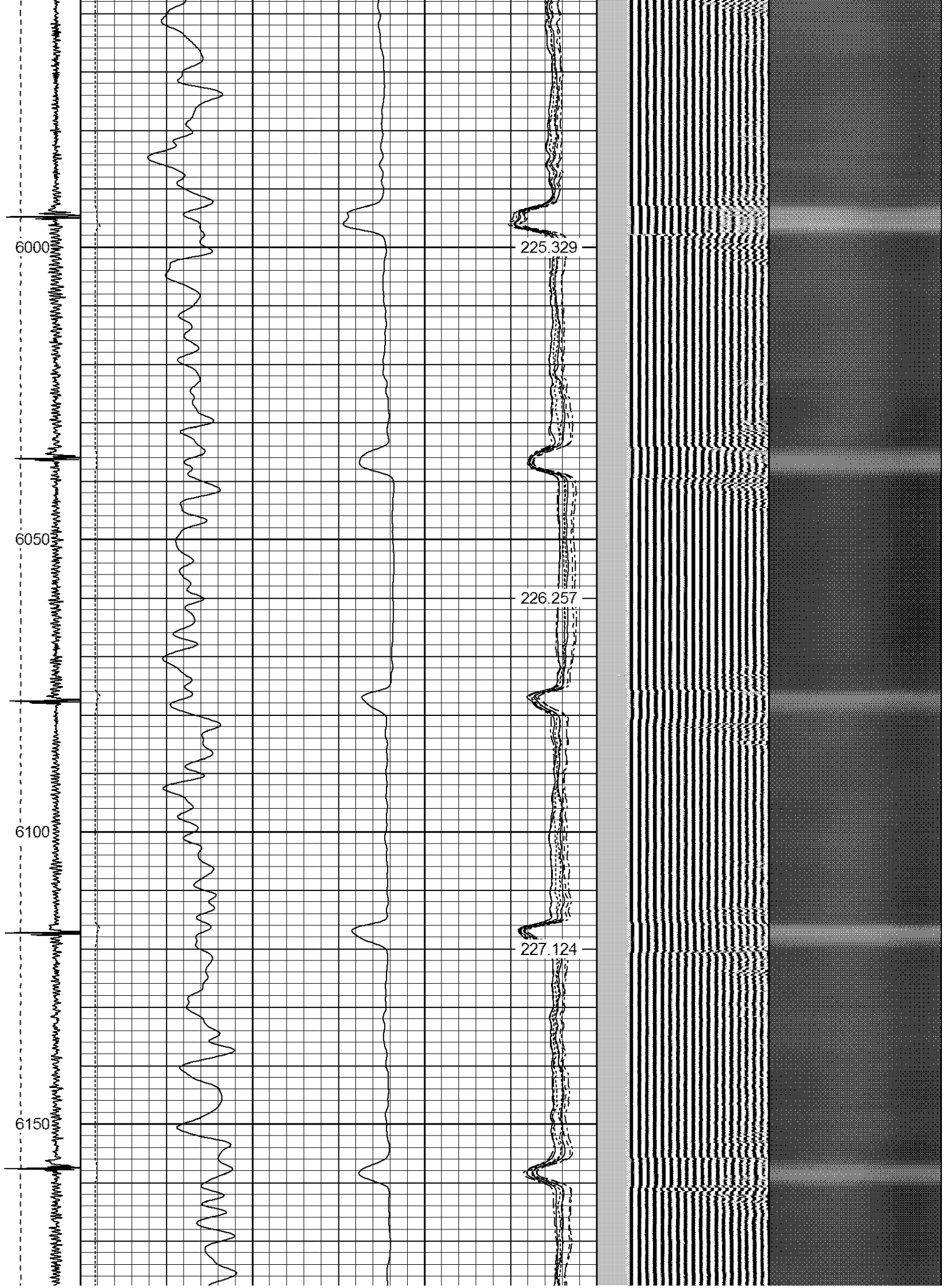


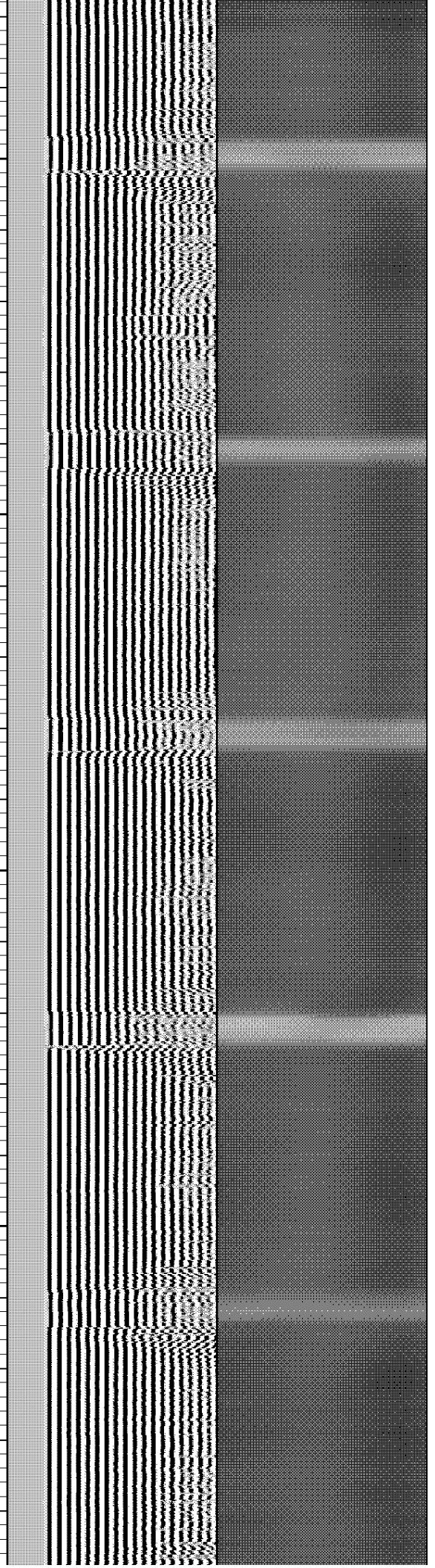
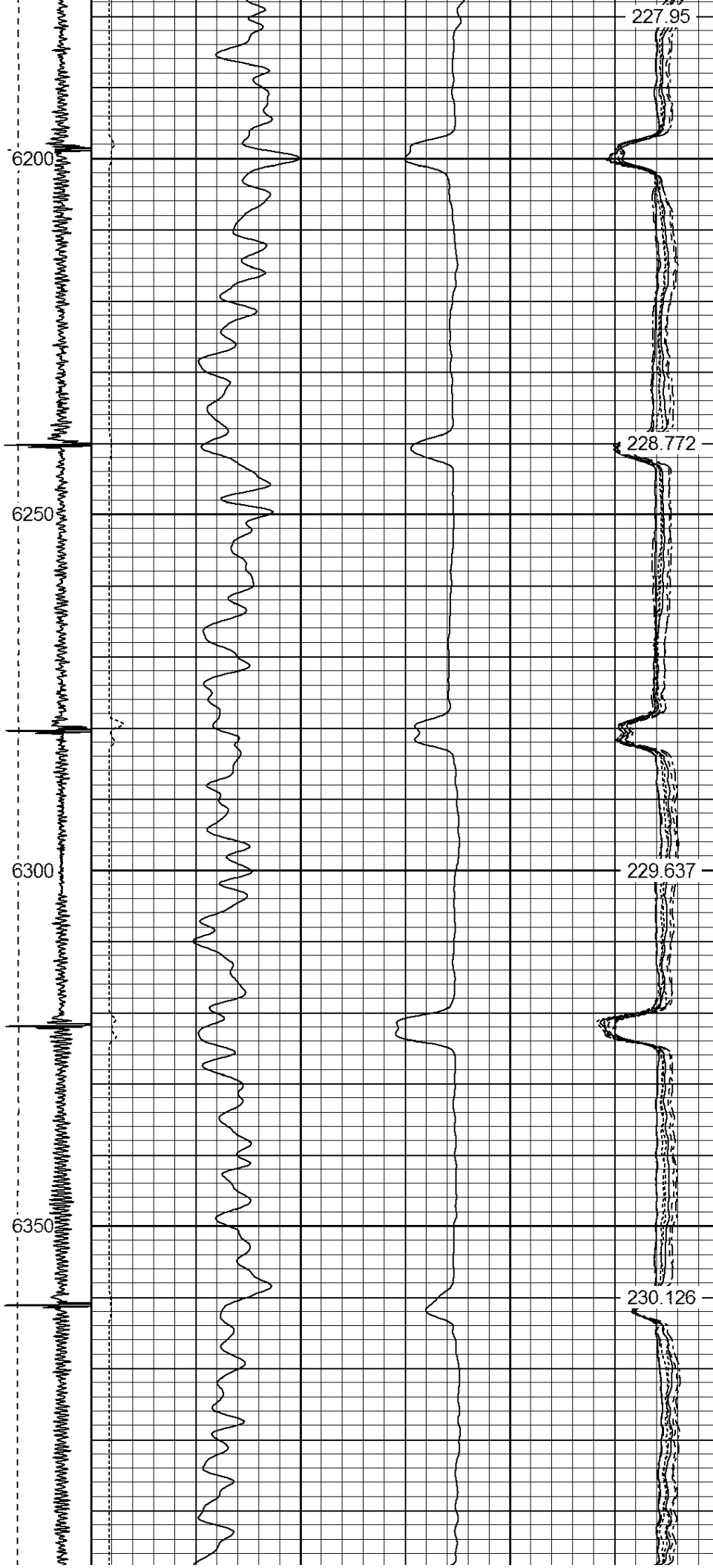




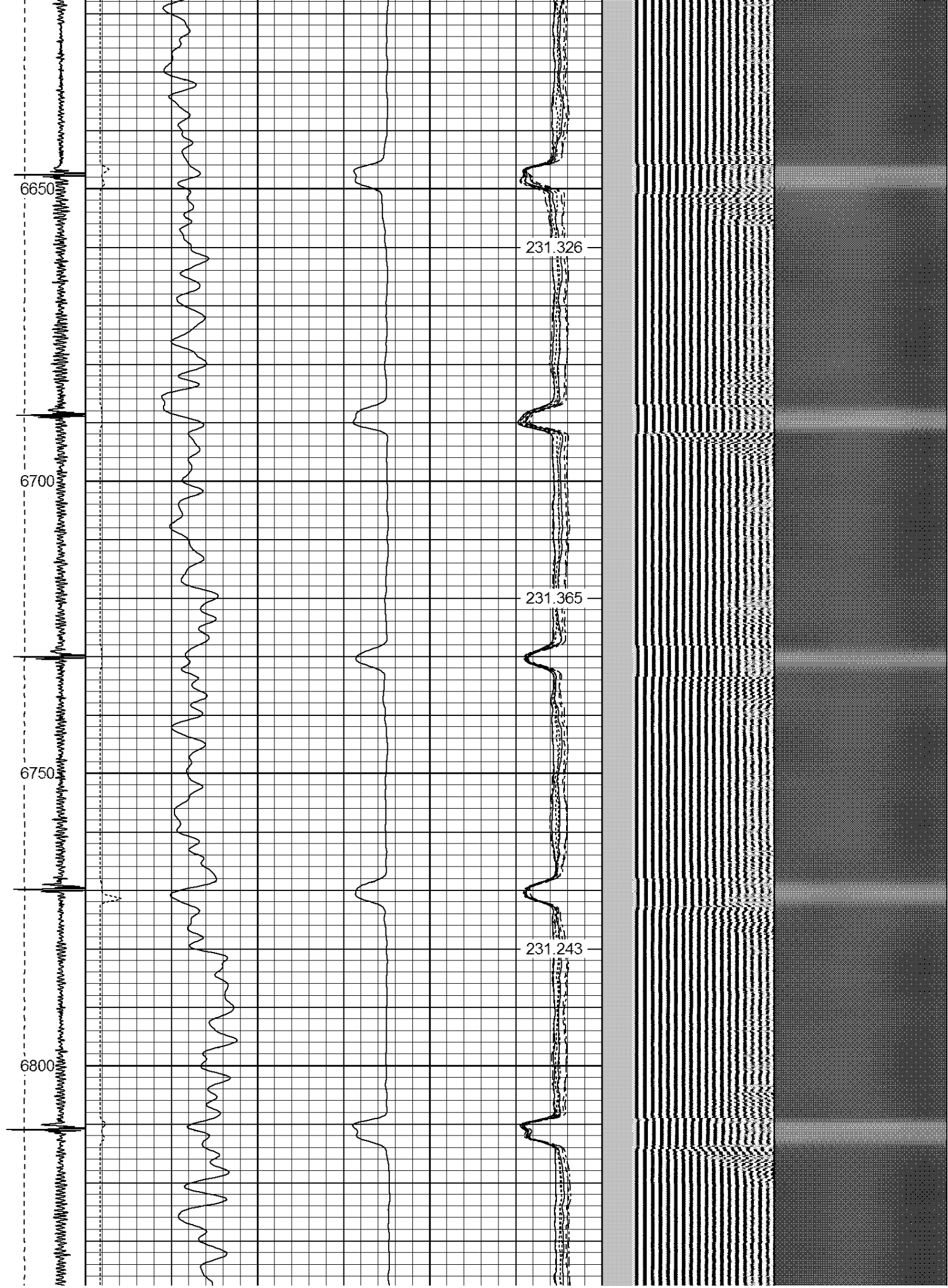


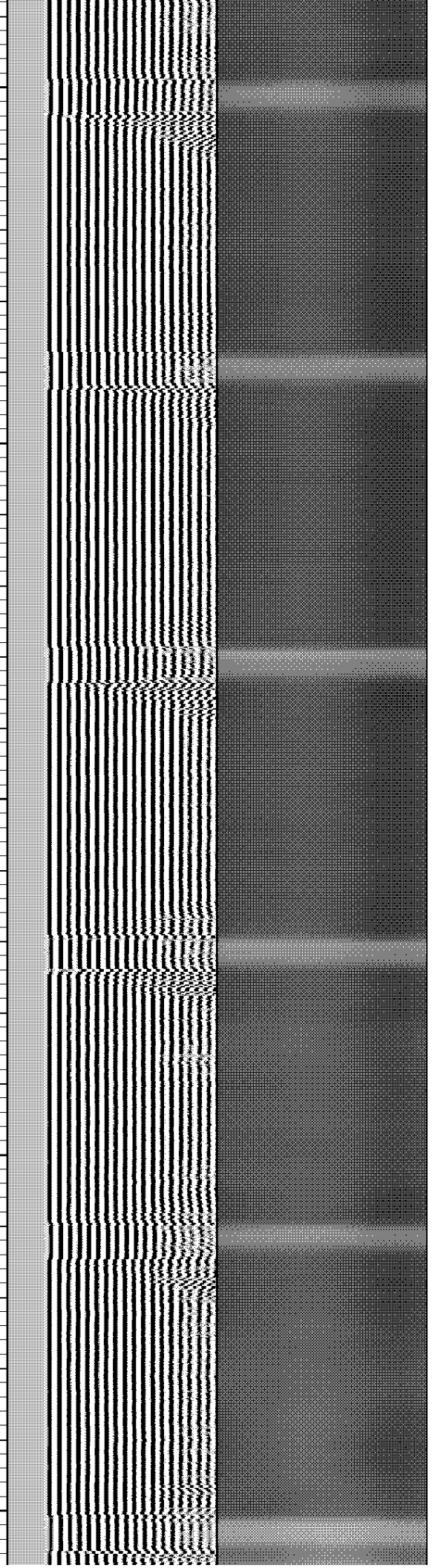
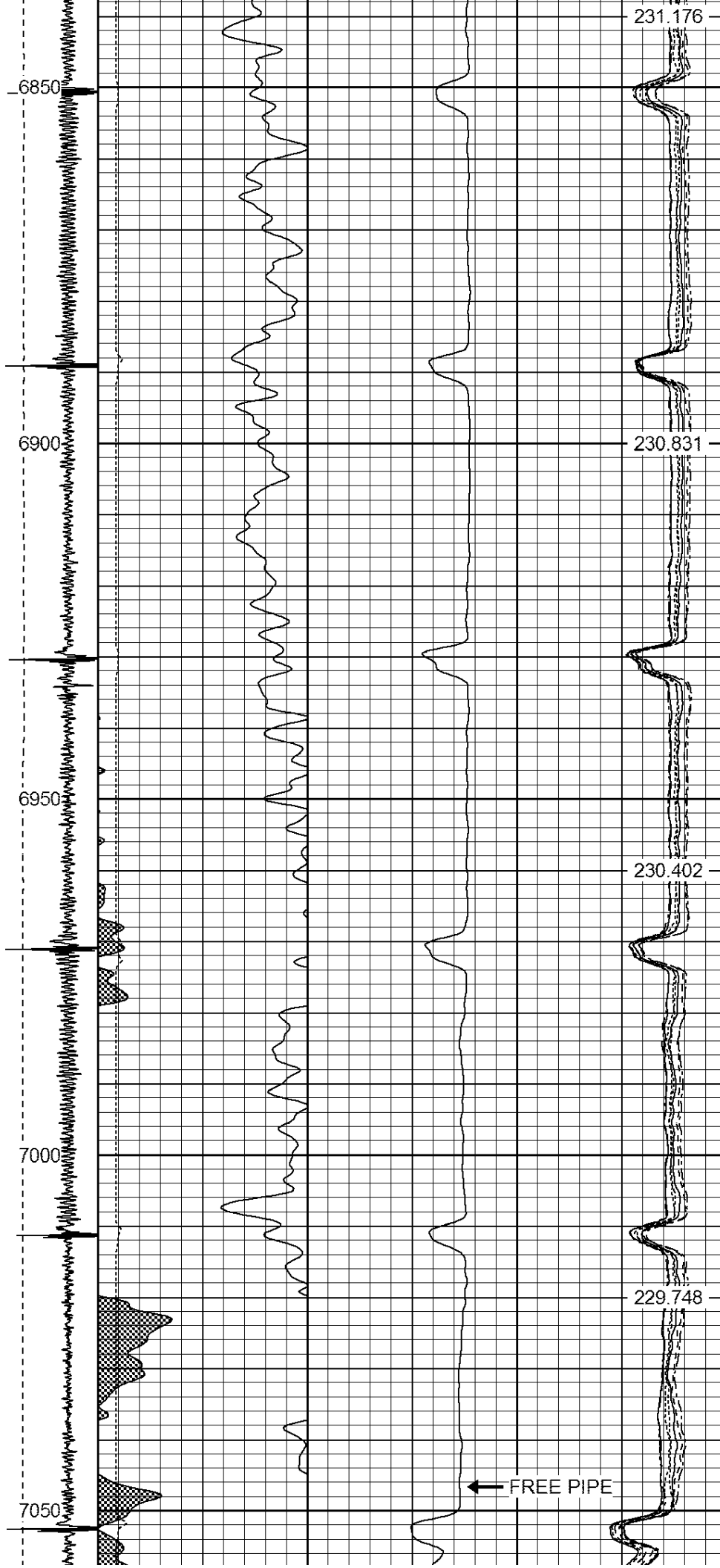


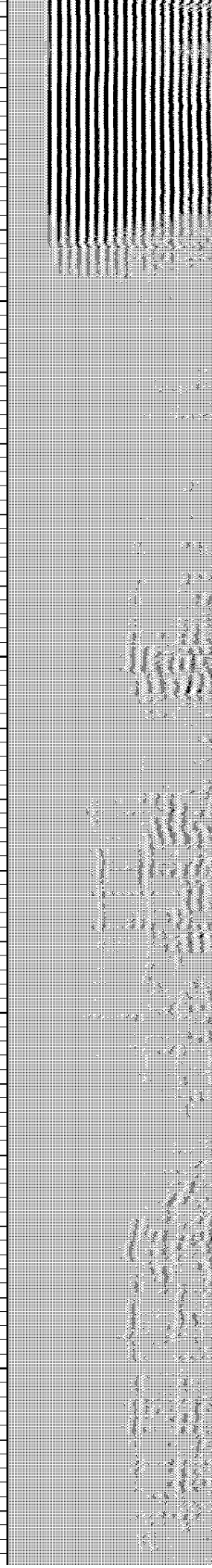
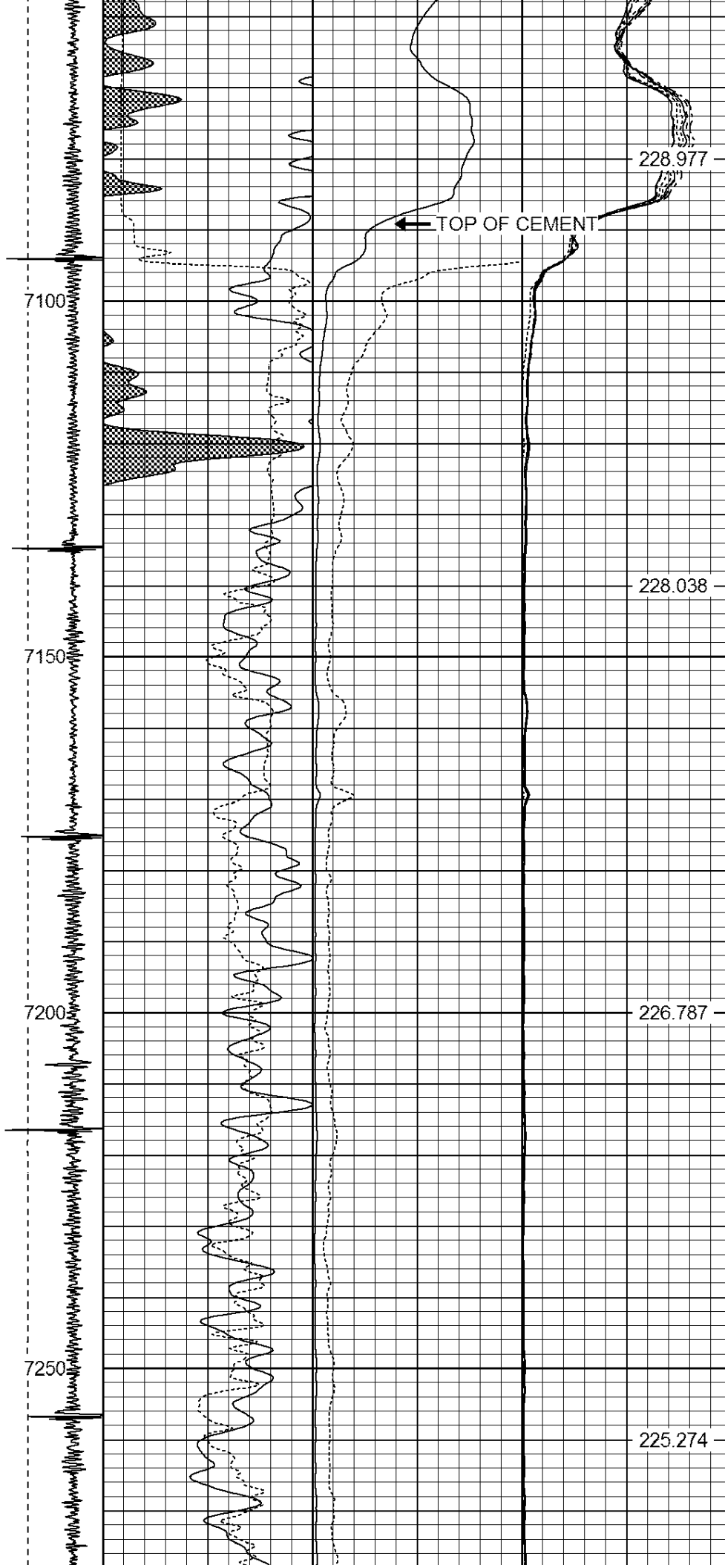


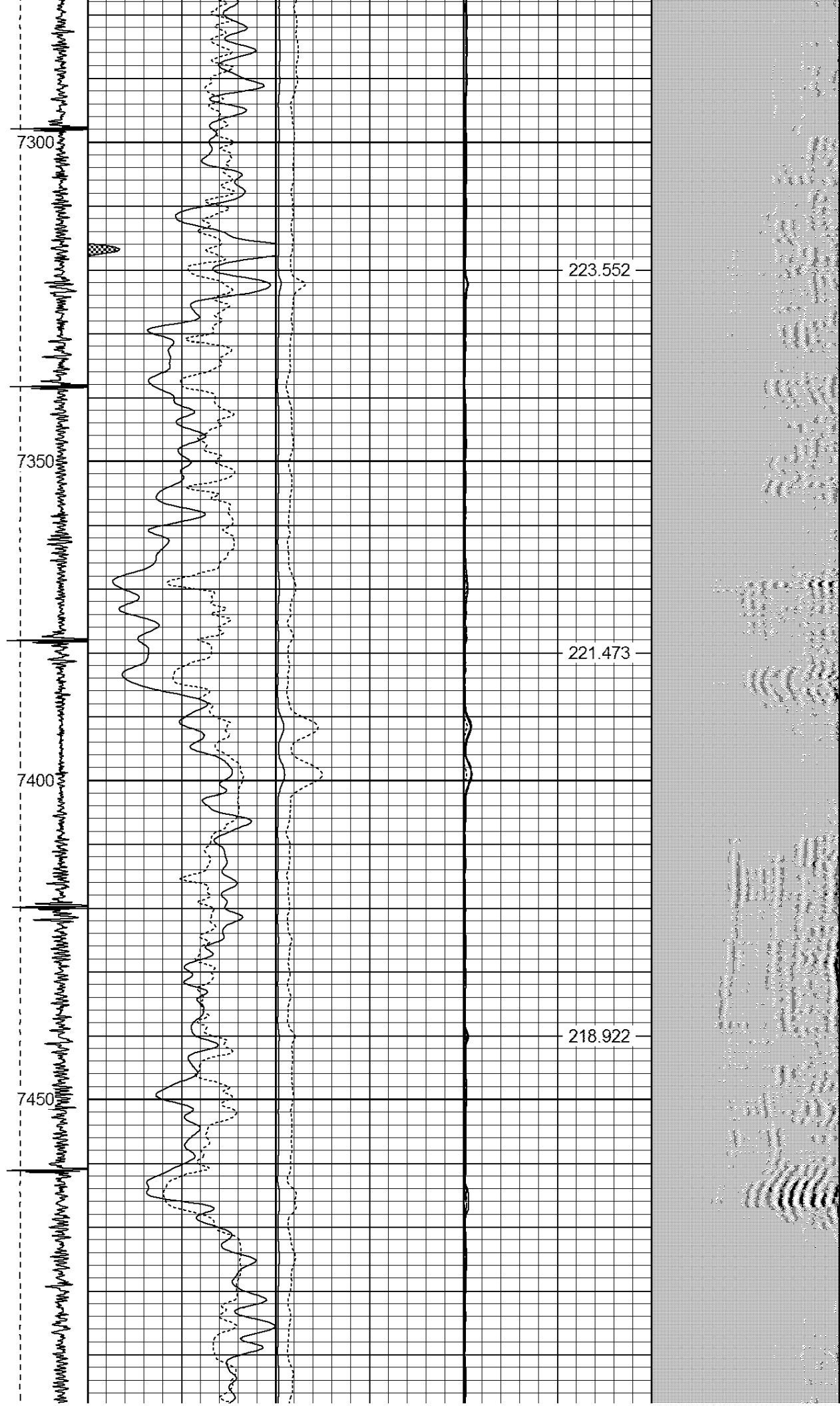


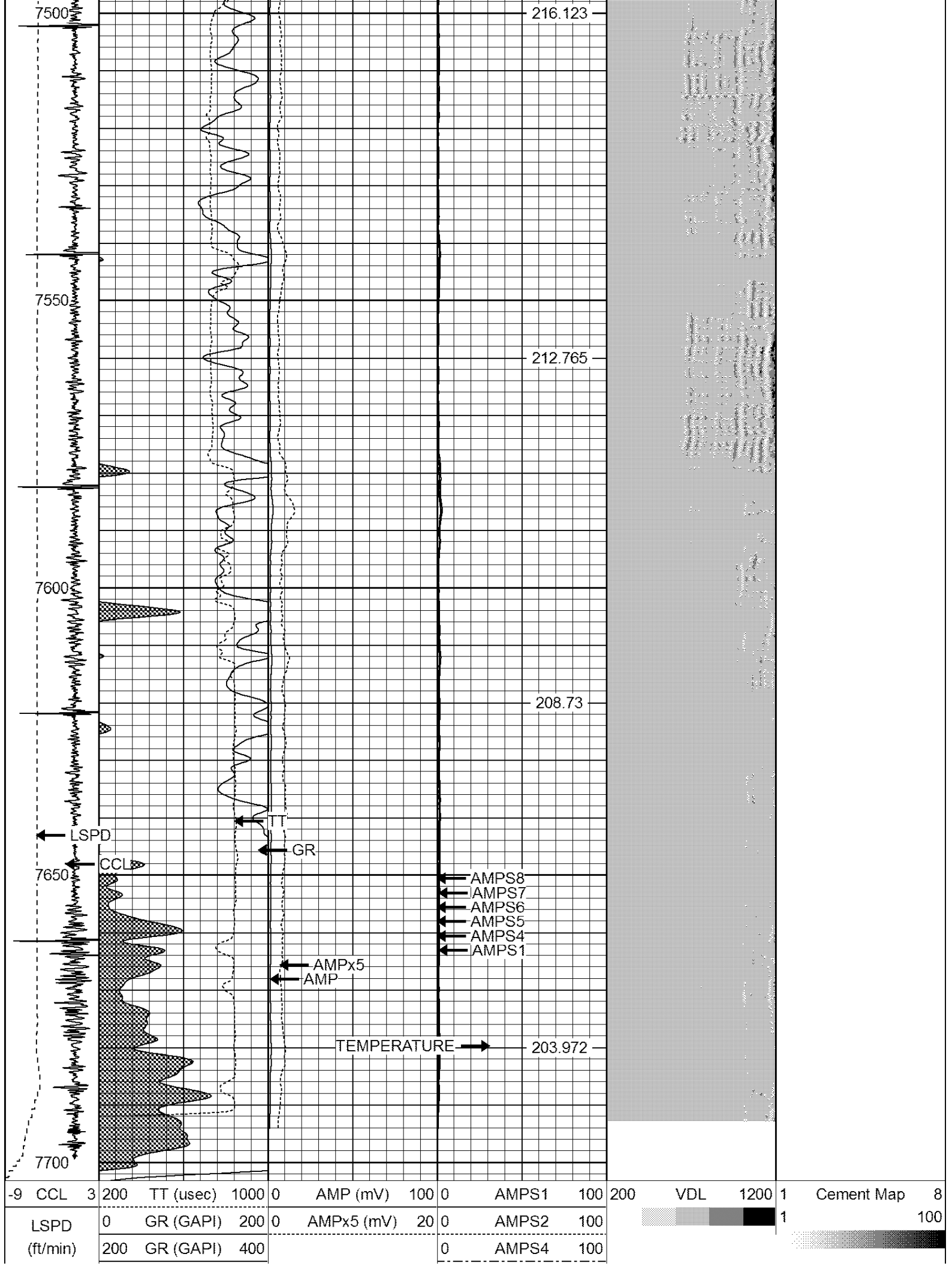








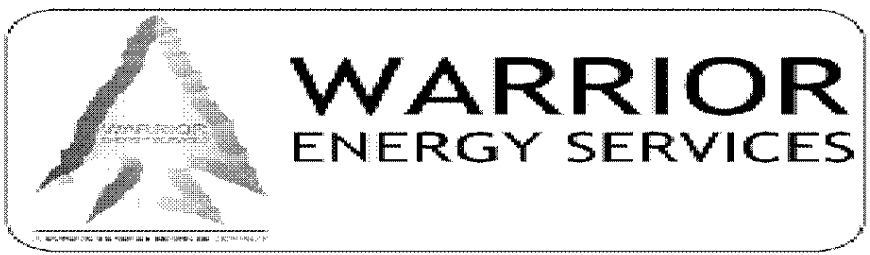




0 -250

0	AMPS5	100
0	AMPS6	100
0	AMPS7	100
0	AMPS8	100

InfTemp
(degF)



CompanyKerr McGee Oil & Gas
Well RAITH L 15-3
Field Wattenberg
County Weld
State CO