



**RADIAL CEMENT BOND  
GAMMA RAY  
CCL**

Company KERR-McGEE OIL & GAS ONSHORE LP  
Well GEE WILLIAG E GU #2  
Field WATTENBERG  
County WELD  
State COLORADO

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Location: API # : 05-123-10066  
SW/SE  
LAT: 40.11920 & -104.83500  
SEC 24 TWP 2N RGE 67W  
Permanent Datum GL Elevation 4862'  
Log Measured From KB 10'  
Drilling Measured From KB  
Other Services  
K.B. 4872'  
D.F. 4871'  
G.L. 4862'

Date 4-6-2015

Run Number ONE  
Depth Driller 8020'  
Depth Logger 7806'  
Bottom Logged Interval 7803'  
Top Log Interval SURFACE  
Open Hole Size 7 7/8"  
Type Fluid WATER  
Density / Viscosity 1.0  
Max. Recorded Temp. 220 DEG F  
Estimated Cement Top 7180'  
Time Well Ready N/A  
Time Logger on Bottom N/A  
Equipment Number 5432  
Location GREELEY  
Recorded By N. BREHMER  
Witnessed By B. SMITH

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

	Size	Wgt/Ft	Top	Bottom
Casing Record				
Surface String	8 5/8"	24#	SURFACE	618'
Prot. String				
Production String	4.5	11.6#	SURFACE	
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.

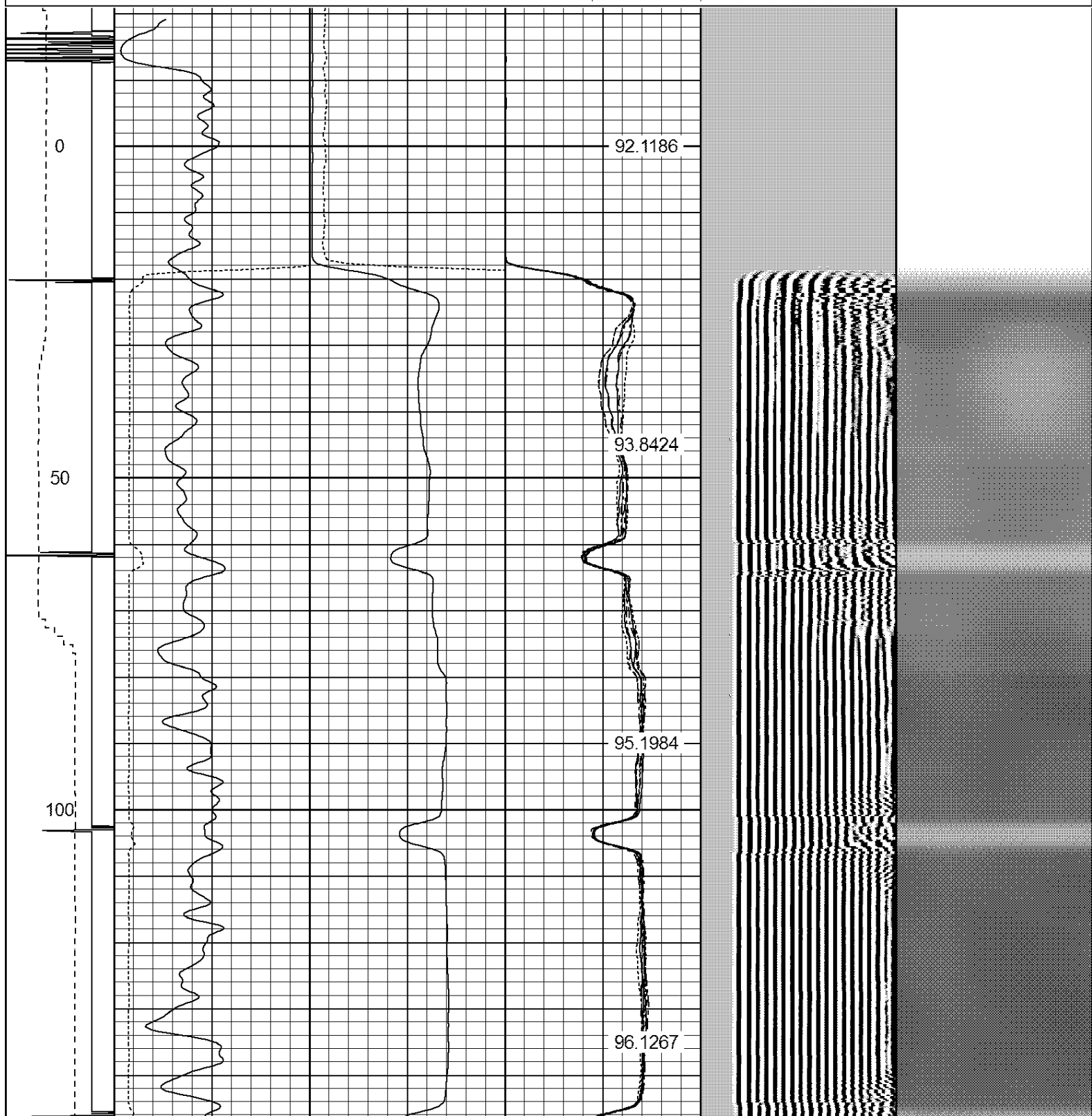
**Comments**

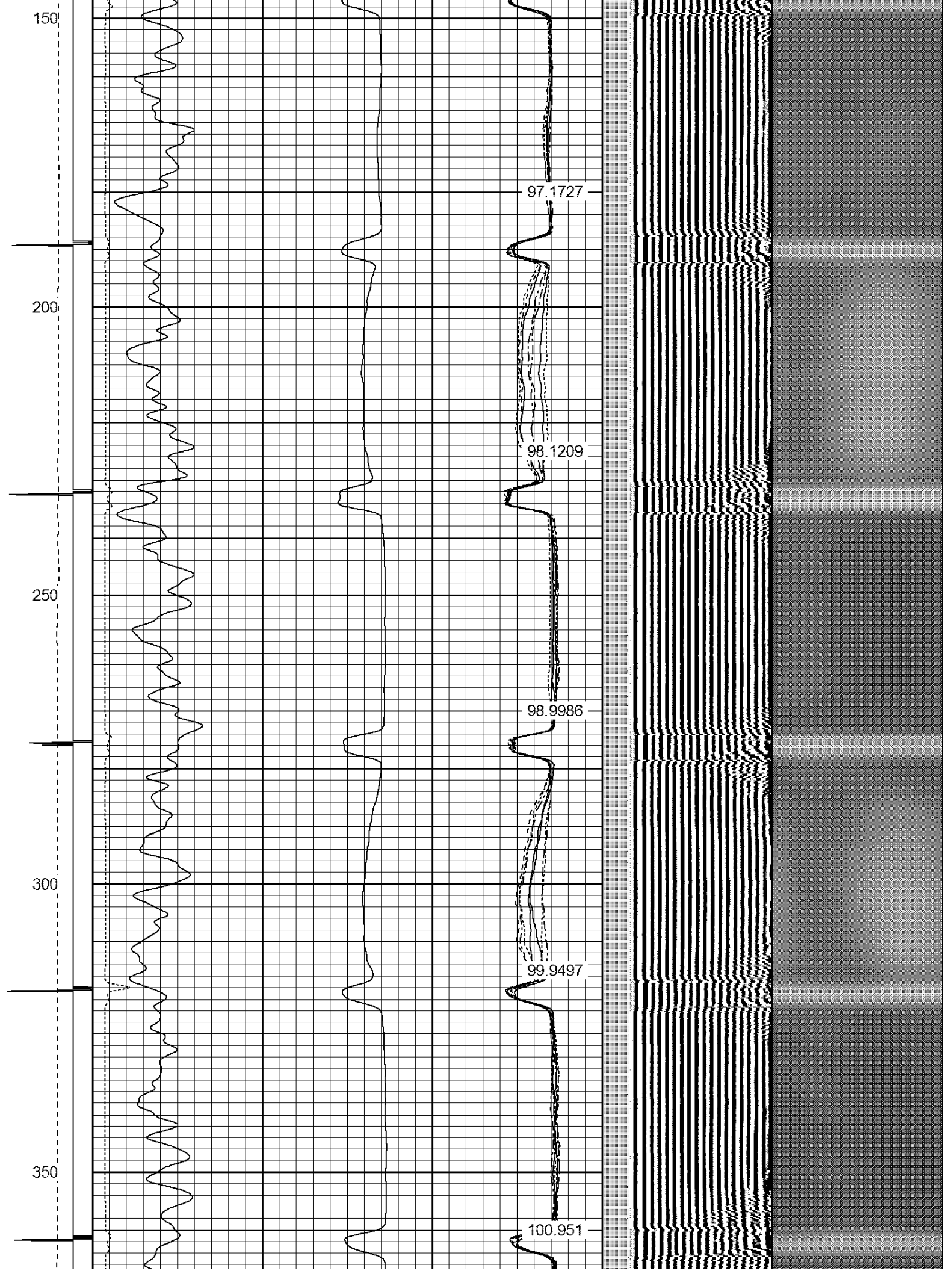
RAN CBL TO VERIFY CEMENT BOND  
CORRELATED UP HOLE 20' TO DRESSER ATLAS COPENSATED DENSIOLOG 2-6-81  
HOLE WAS LOADED ON ARRIVAL  
CALIBRATED FREE PIPE @6126' 81MA IN 4.5"  
  
THANK YOU FOR USING WARRIOR.

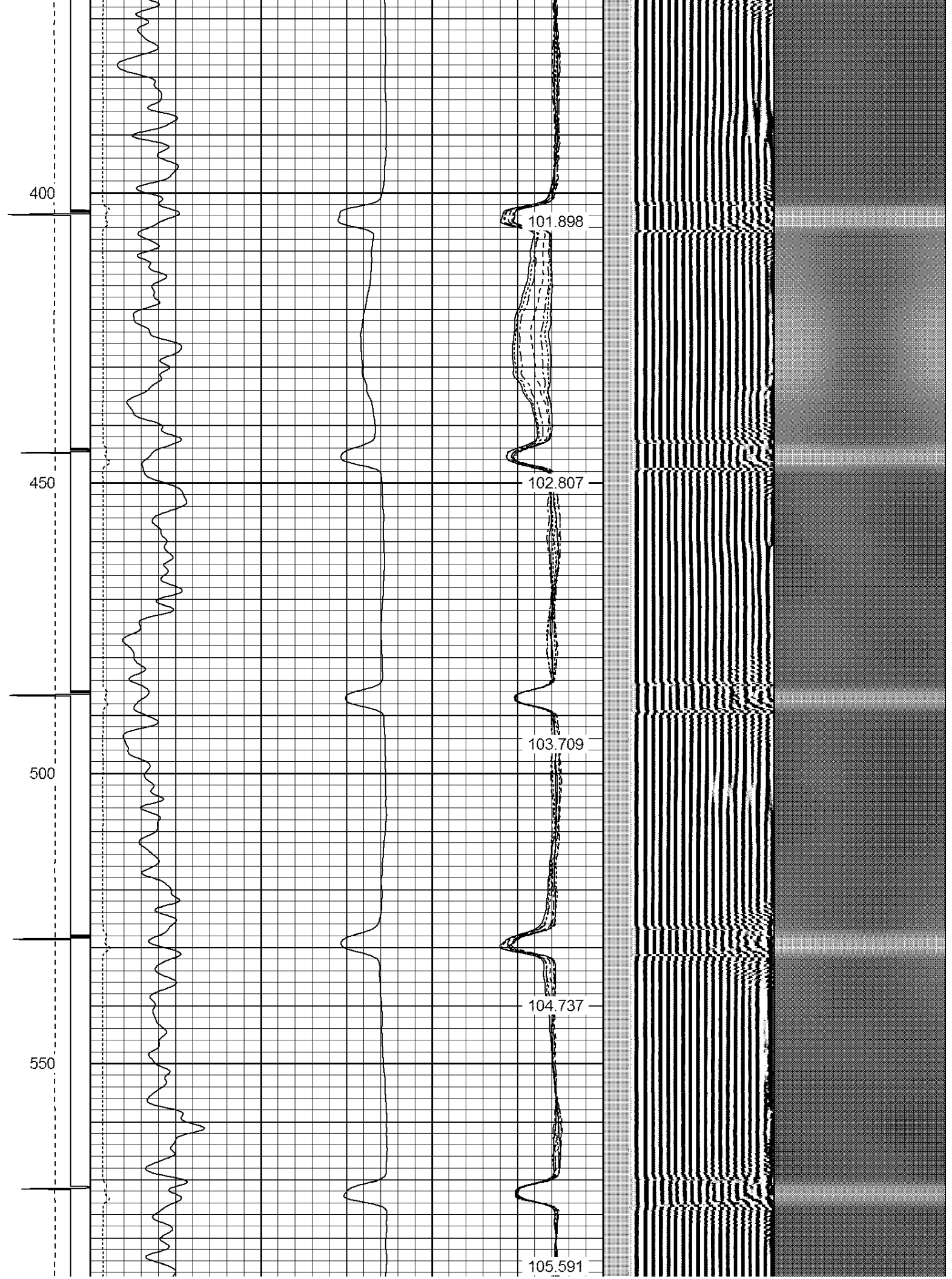
Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
CENT	18.91					

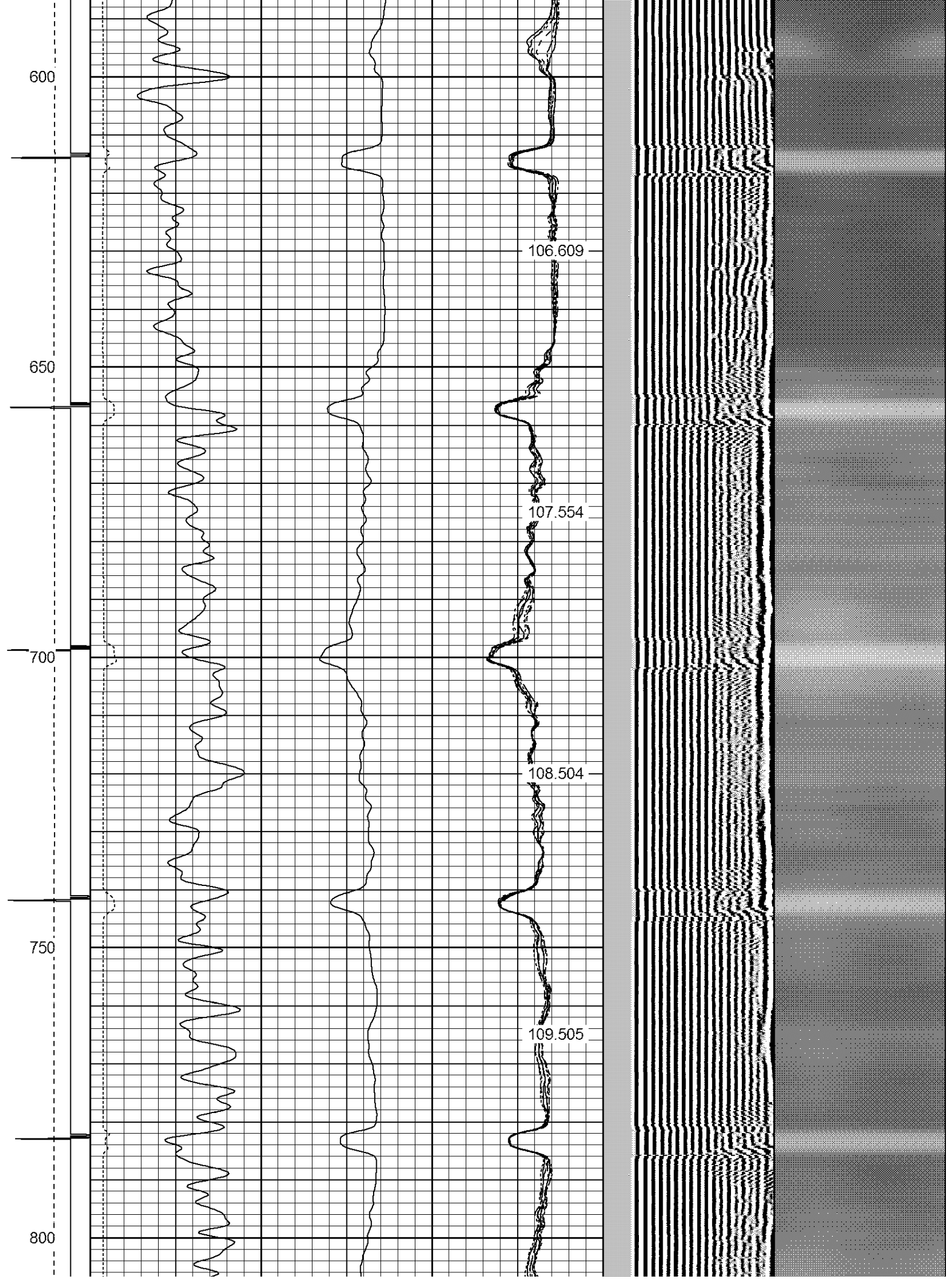
			PTS275	2.83	2.75	
HEADVOLT	16.08					
RBT	16.08					
IntTemp	14.66					
WVF3FT	11.41					
WVFCAL	11.41					
WVFS1	11.41					
WVFS2	11.41					
WVFS3	11.41					
WVFS4	11.41					
WVFS5	11.41					
WVFS6	11.41					
WVFS7	11.41					
WVFS8	11.41					
WVF5FT	10.41					
			RBT-Probe (Base) Probe Radii Bond Tool with Digital Telemetry	8.92	2.75	90.00
CNLSC	6.00					
CNSSC	5.17					
GR	4.33					
CCL	3.64					
			CNT-Probe_B (275) 6 bow centralizer	2.83	2.75	40.00
			GR-Probe (275) Probe 2.75"	4.33	2.75	30.00
GR	0.90					
Dataset: gee william e gu #2.db: field/well/run1/pass4 Total Length: 18.91 ft Total Weight: 160.00 lb O.D. 2.75 in						

-4	CCL	1	200	TT (usec)	1100	0	AMP (mV)	100	0	AMPS1	100	200	VDL	1200	1	Cement Map	8
	LSPD		0	GR (cps)	200	0	AMPx5 (mV)	20	0	AMPS2	100				1		100
	(ft/min)		200	GR (cps)	400				0	AMPS4	100						
0		250							0	AMPS5	100						
									0	AMPS6	100						
									0	AMPS7	100						
									0	AMPS8	100						
										IntTemp							
										(degF)							

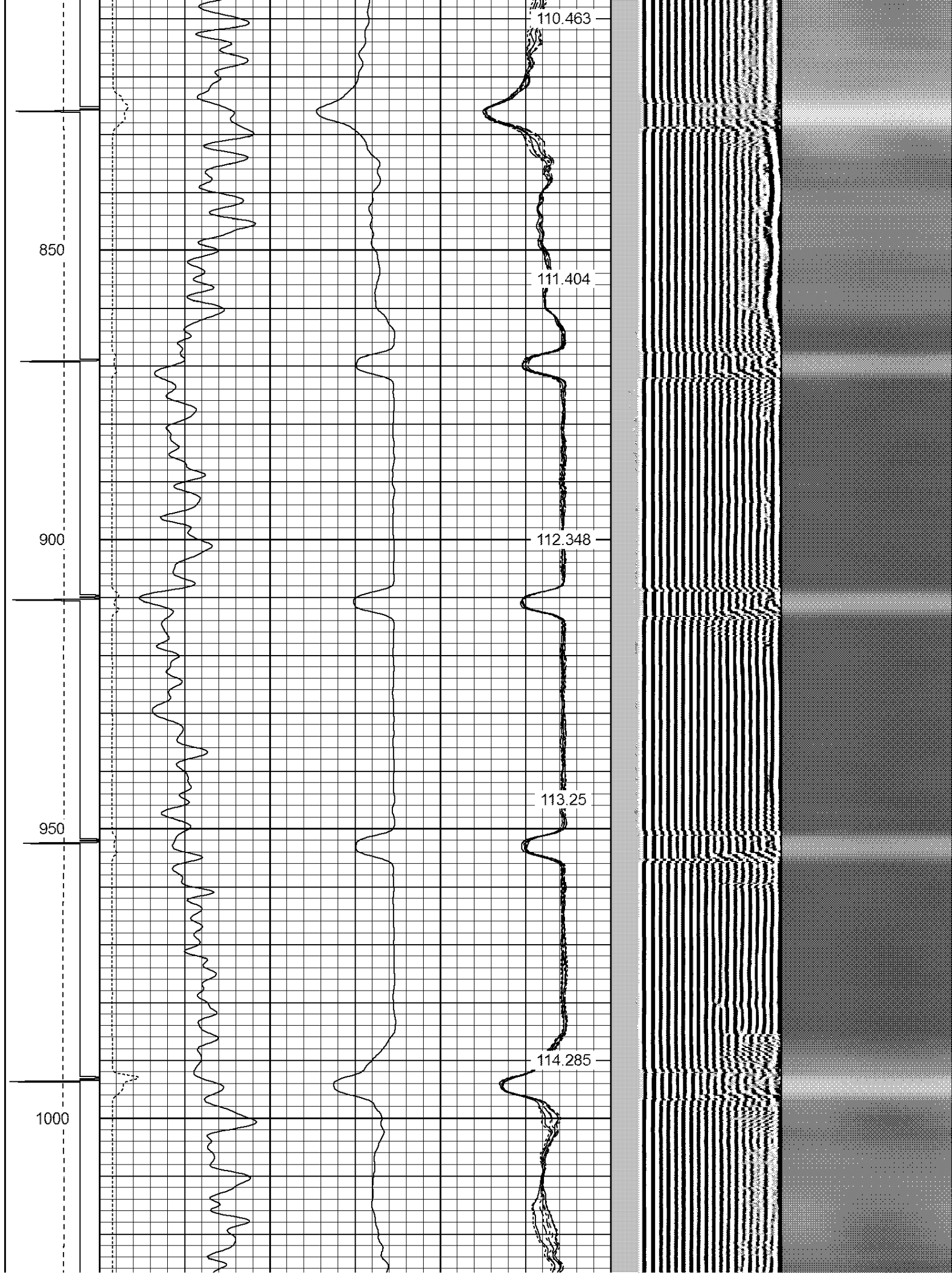






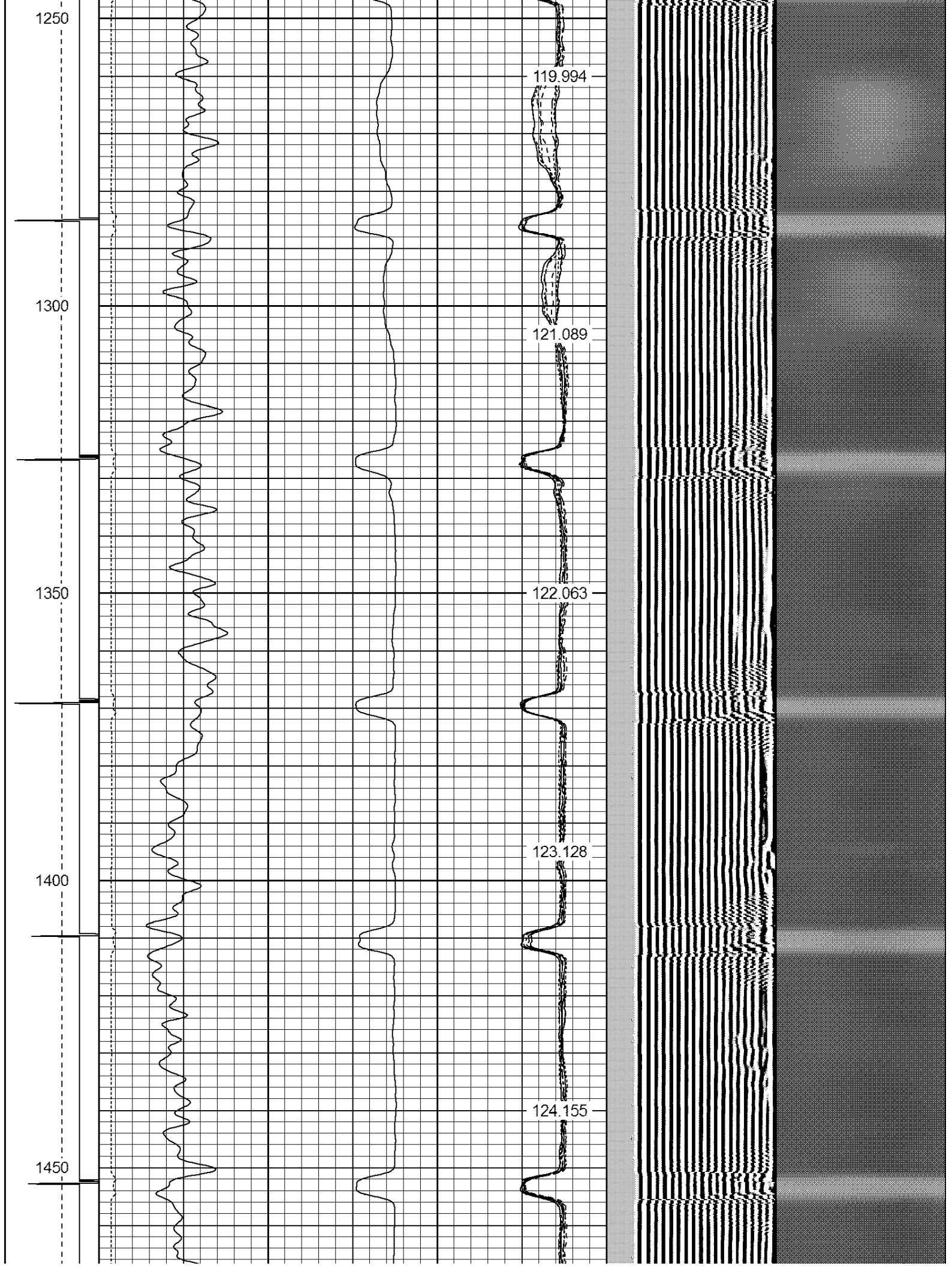


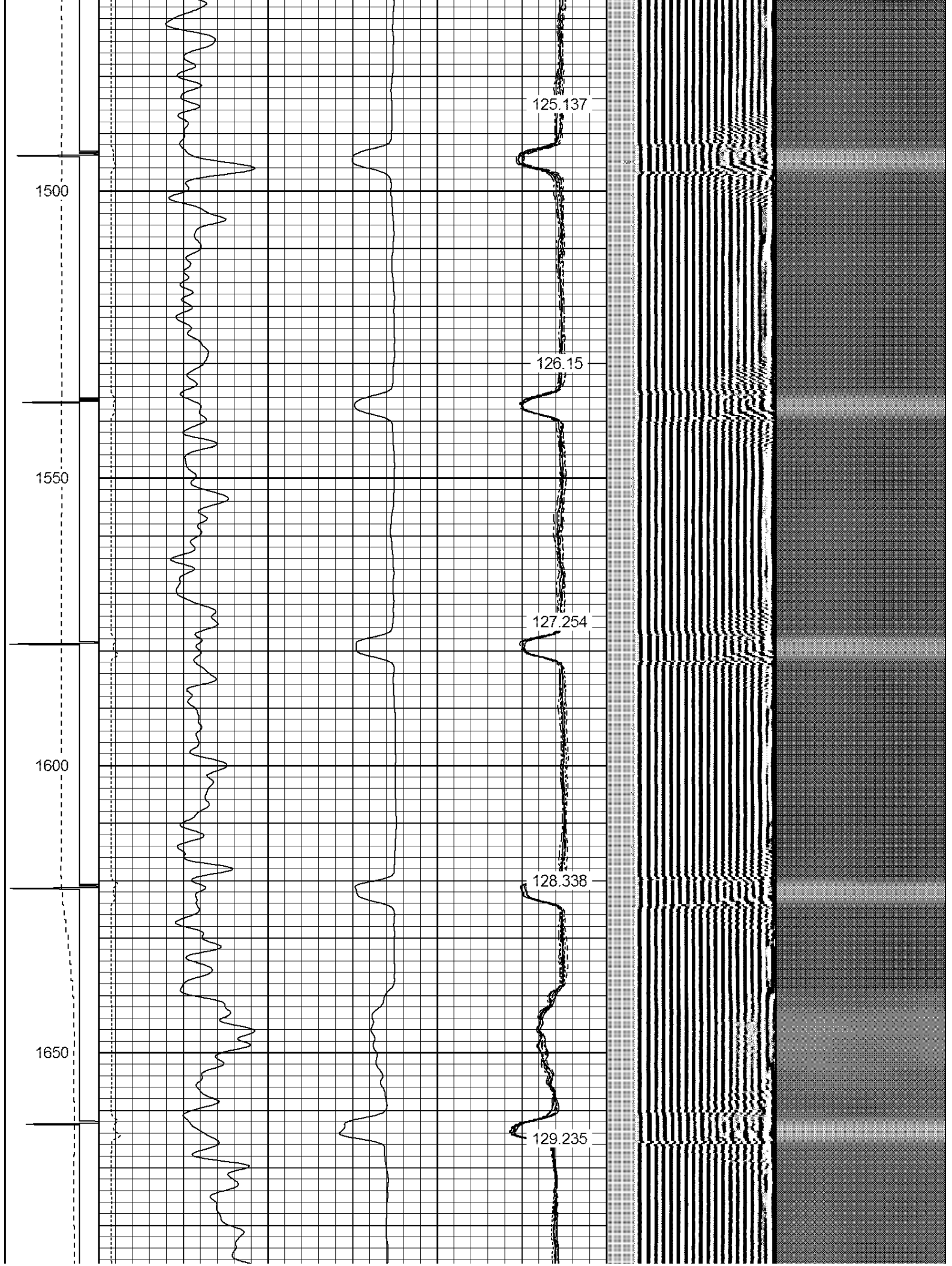


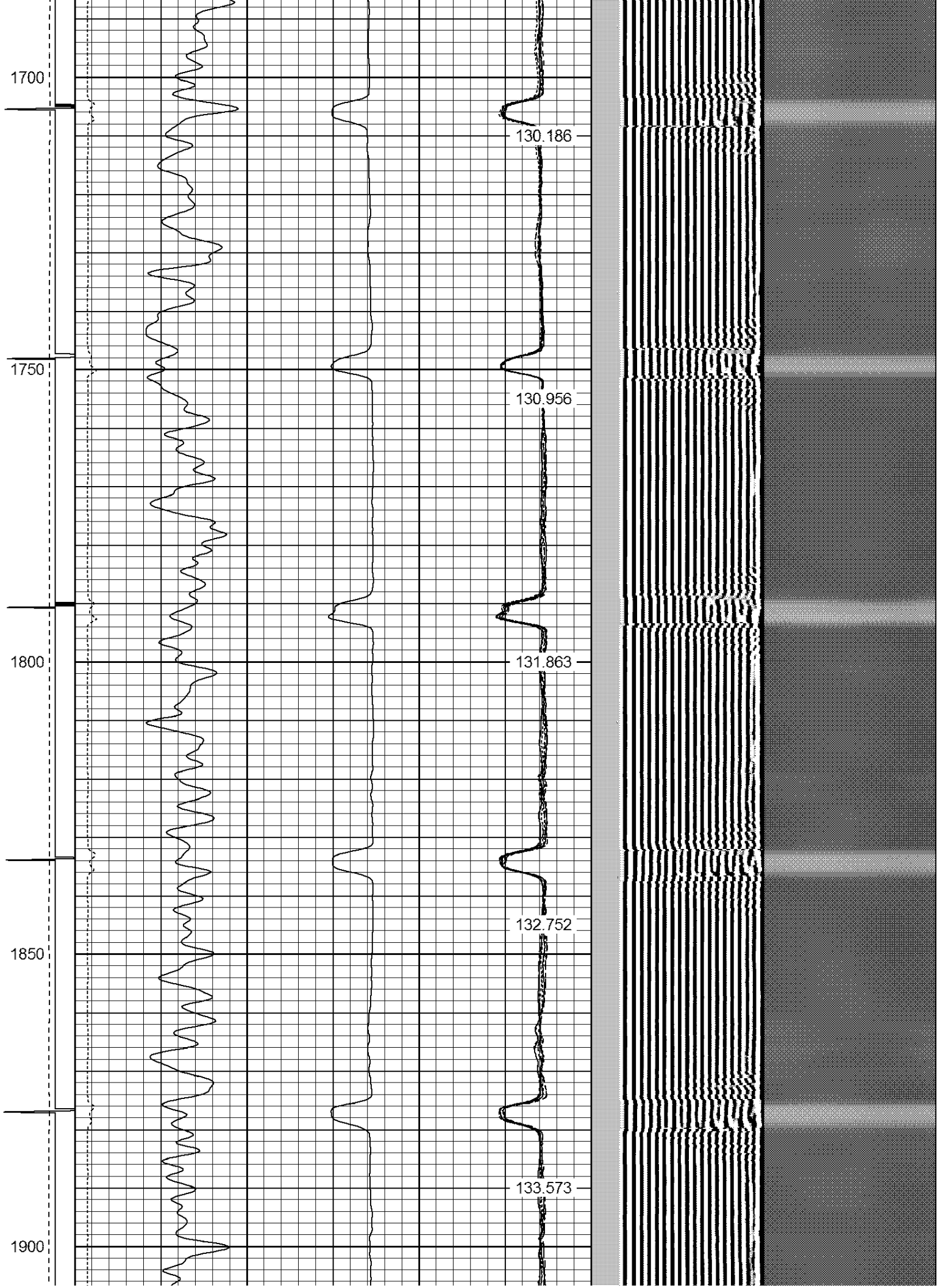


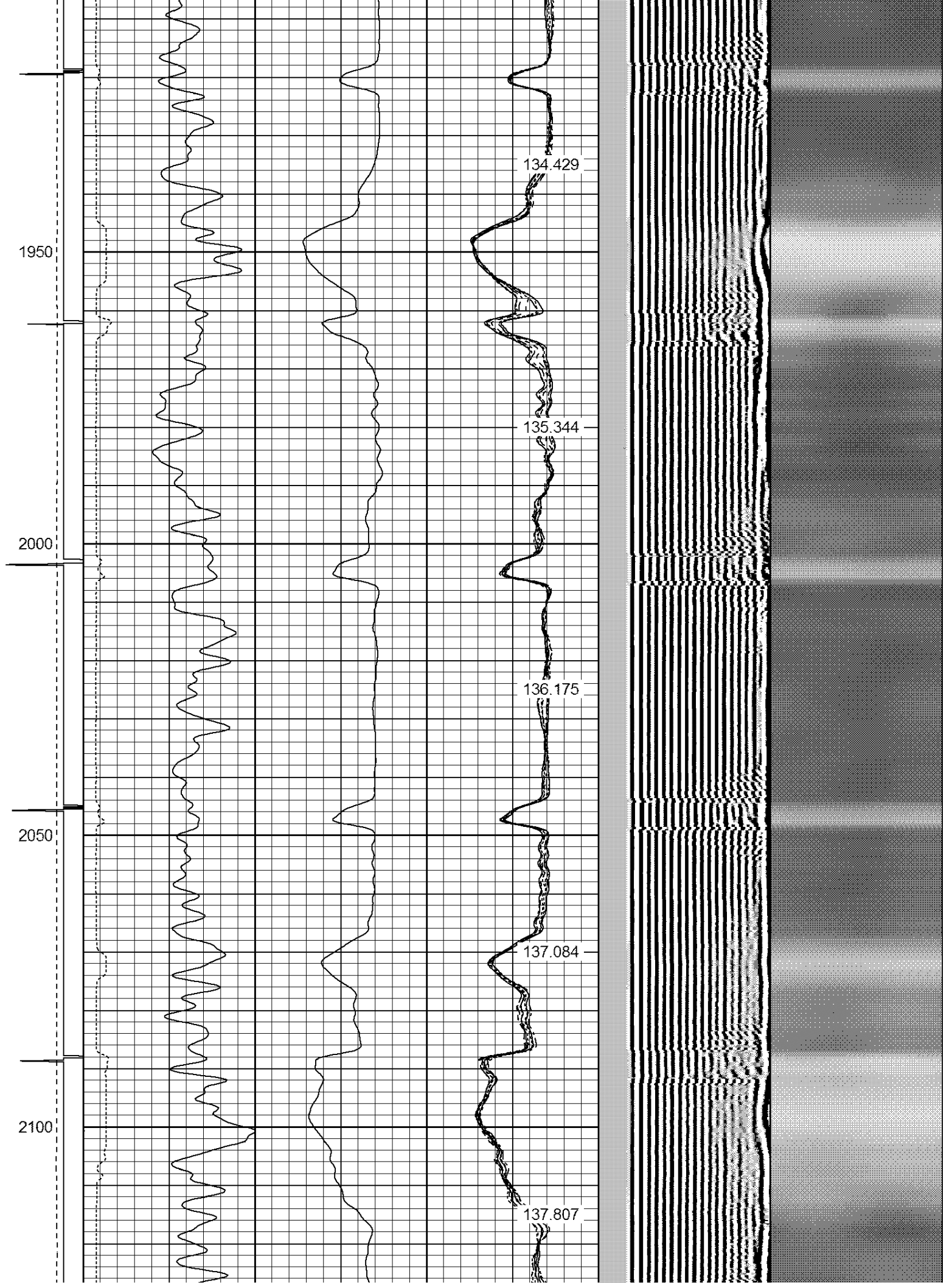




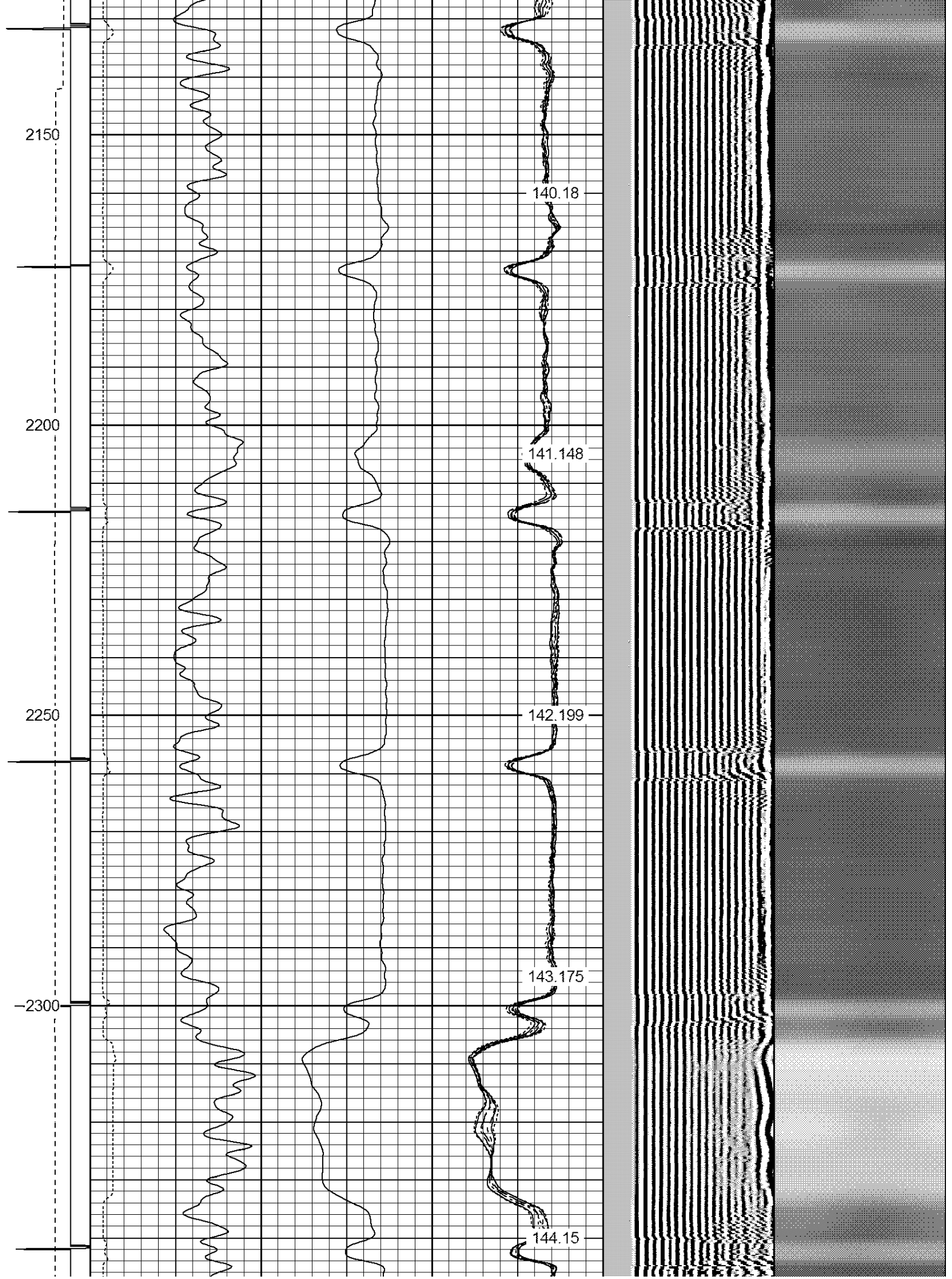




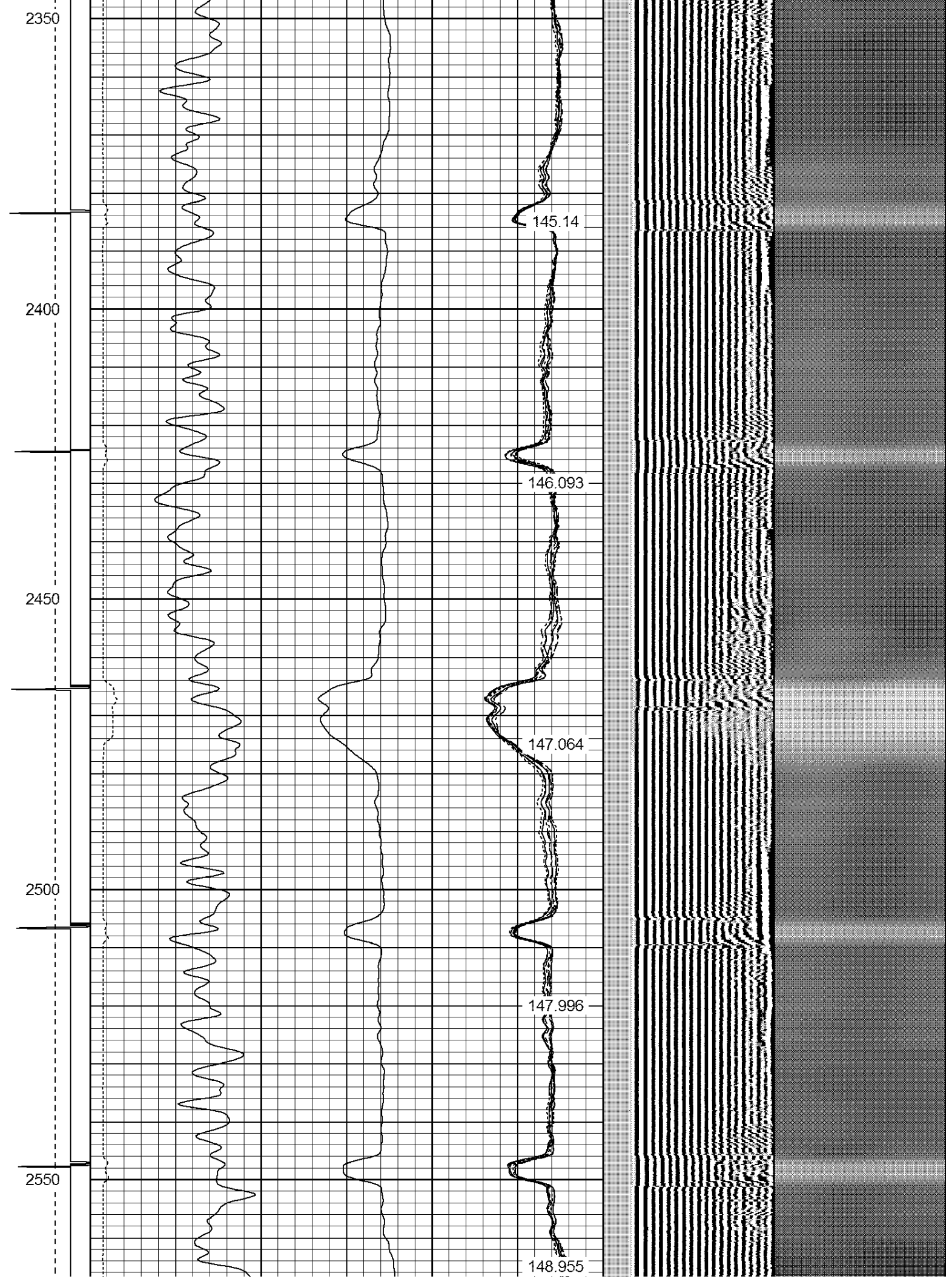


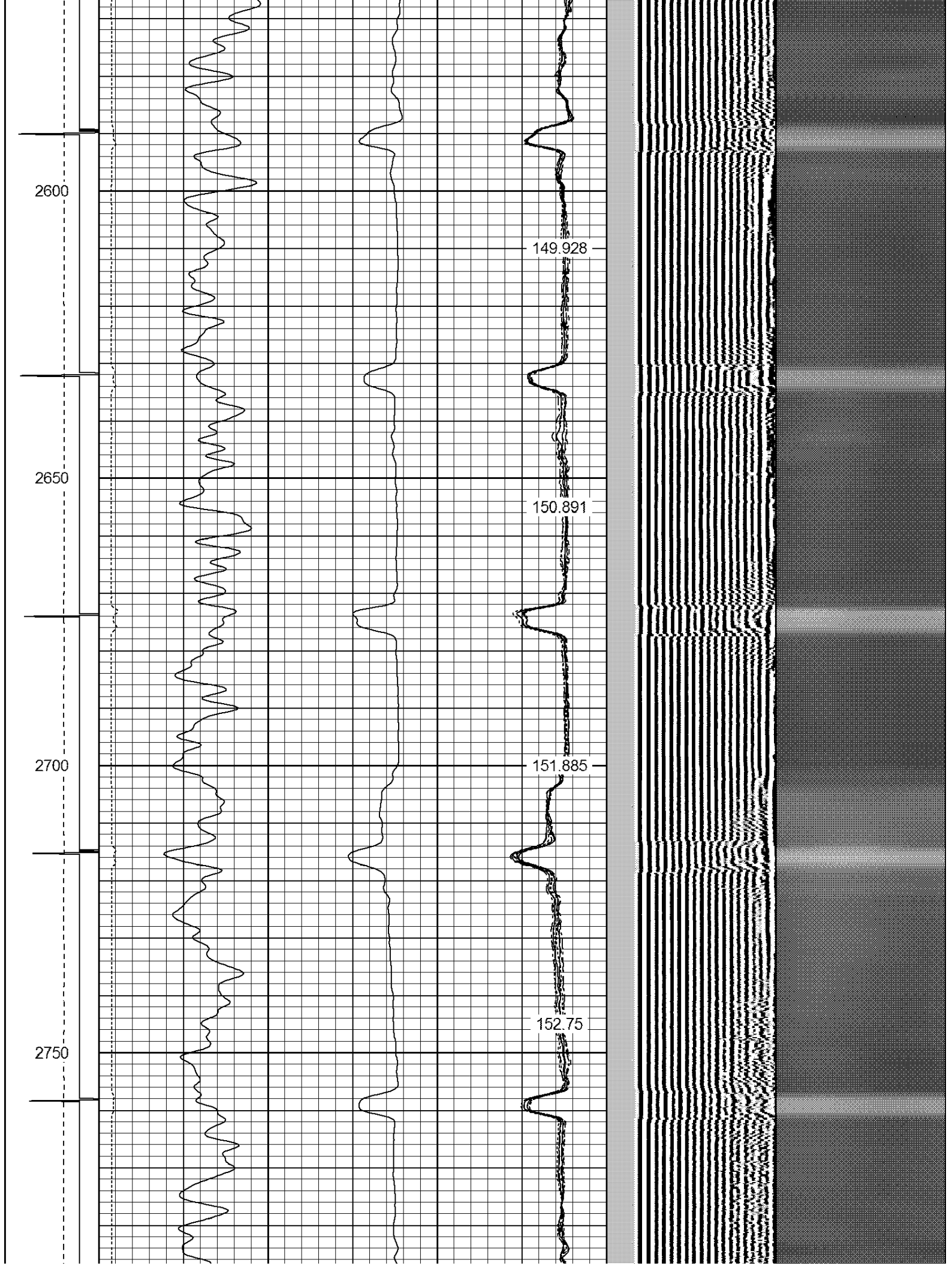


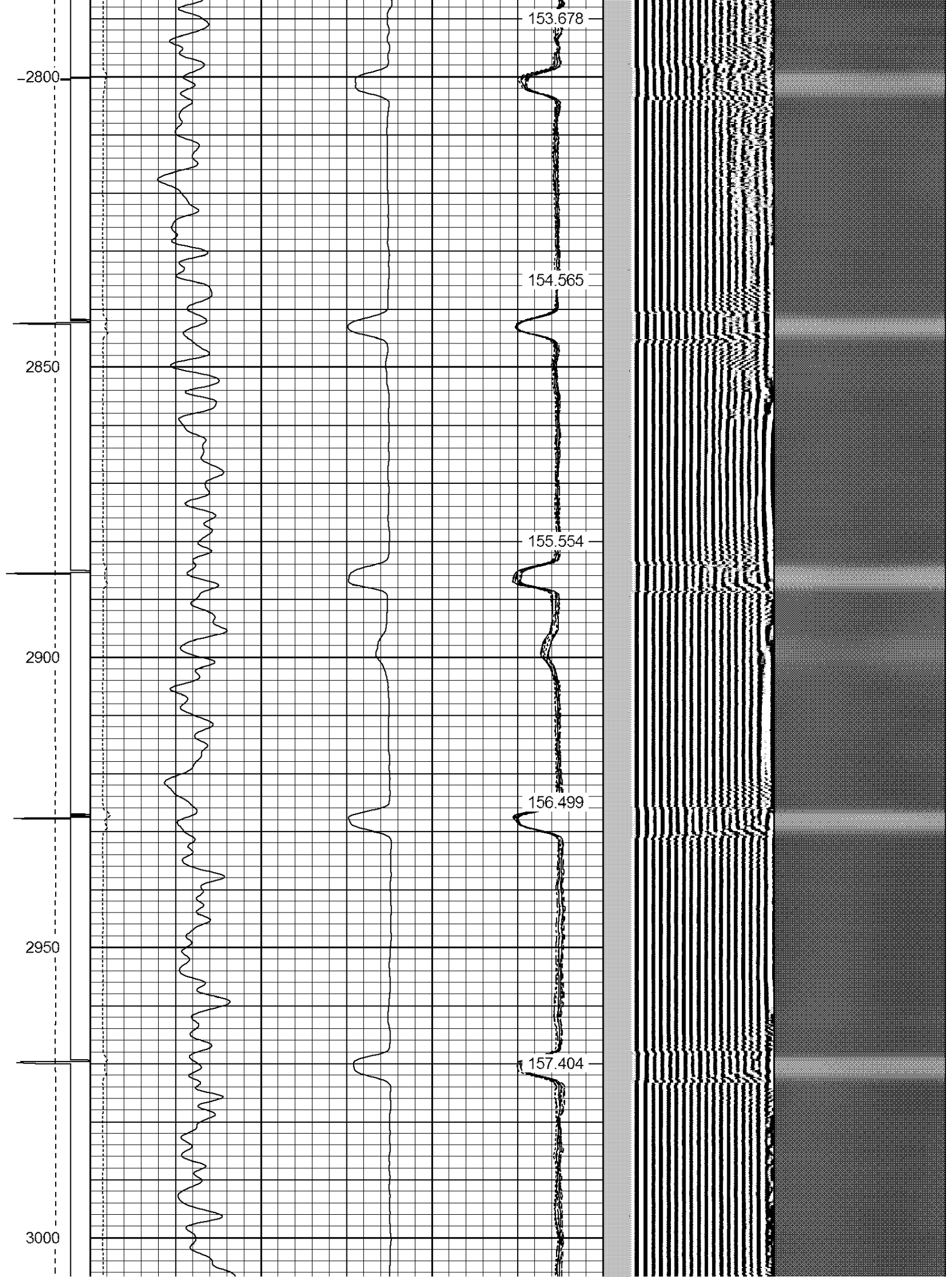


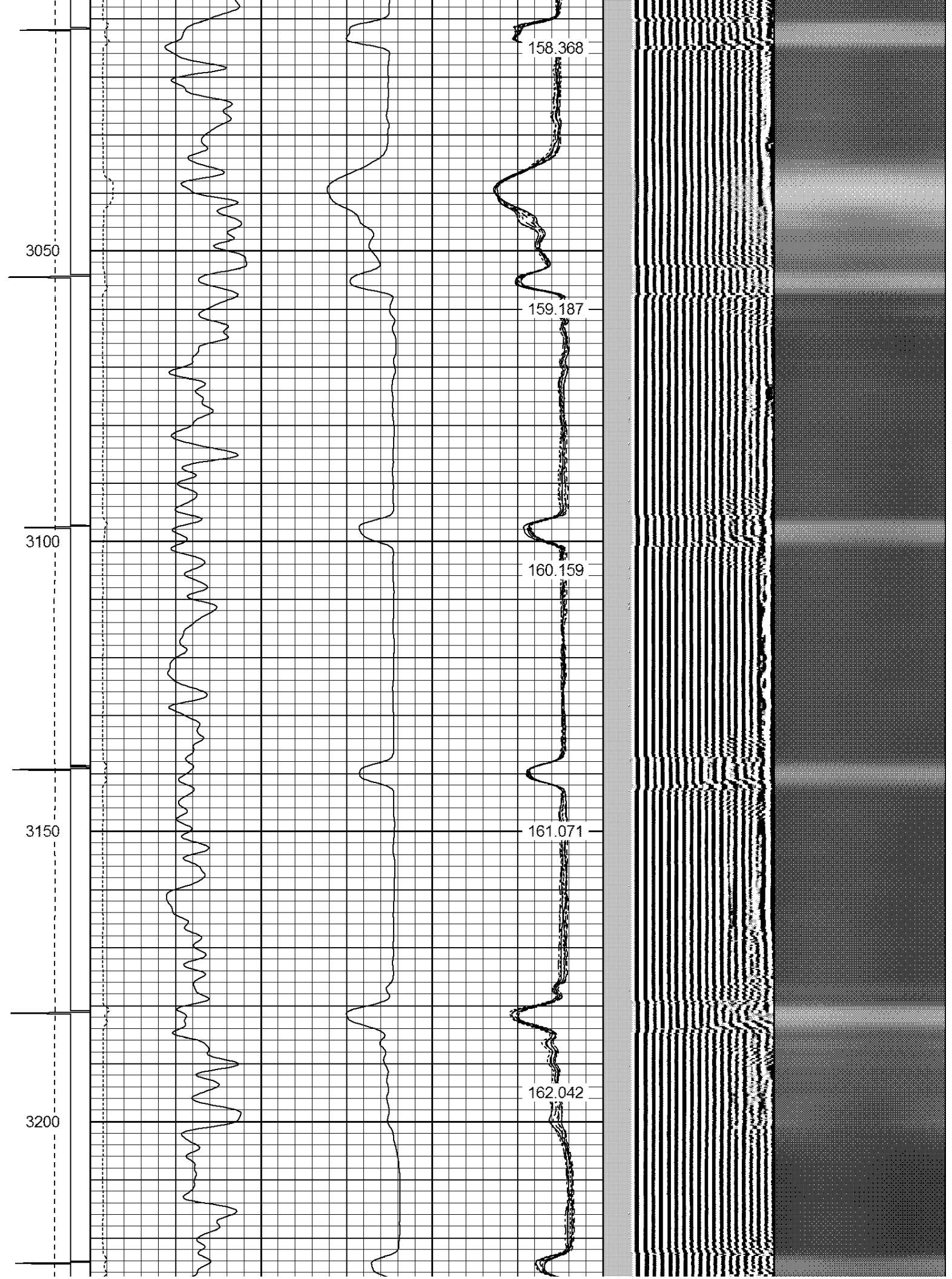




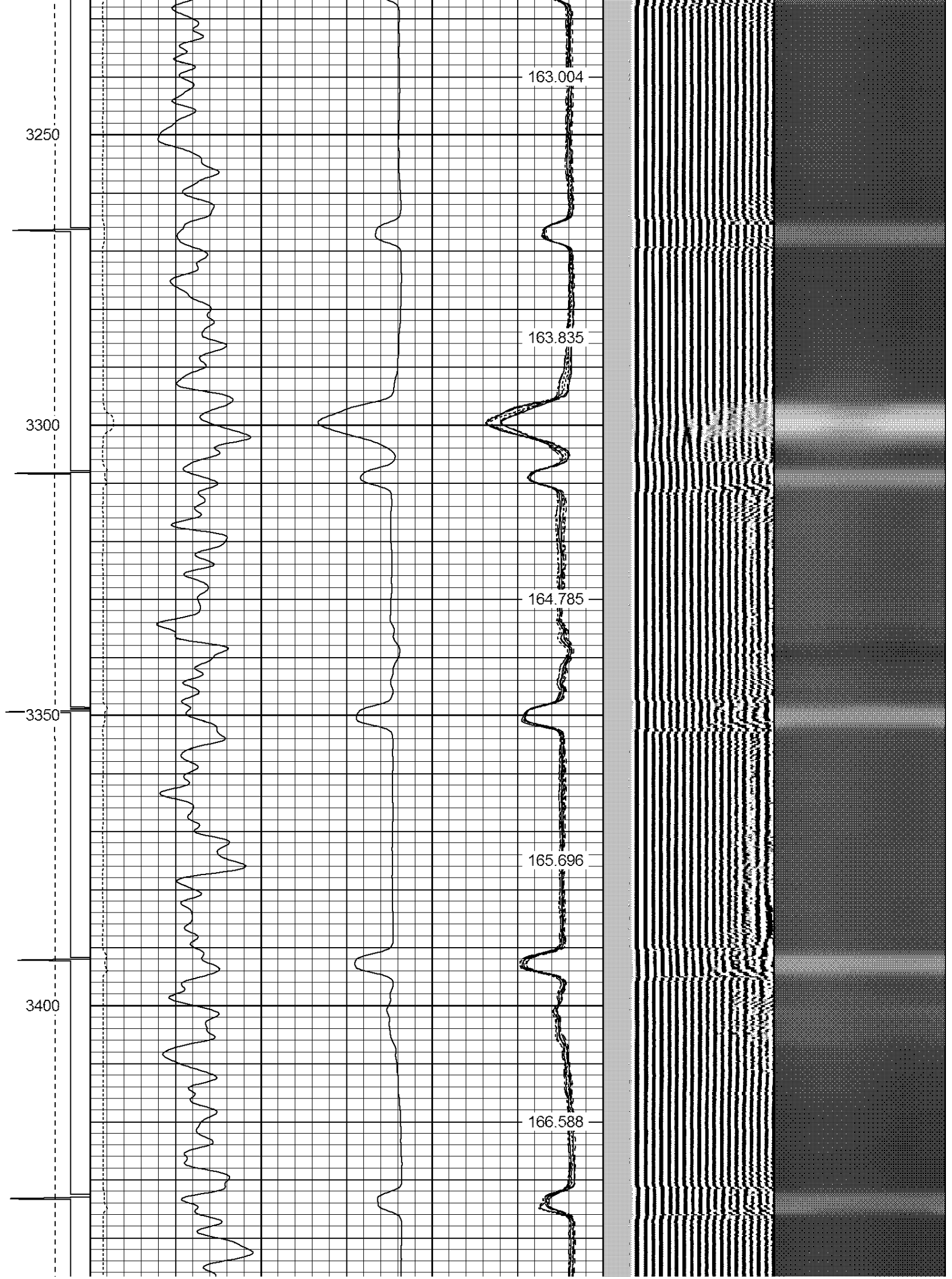




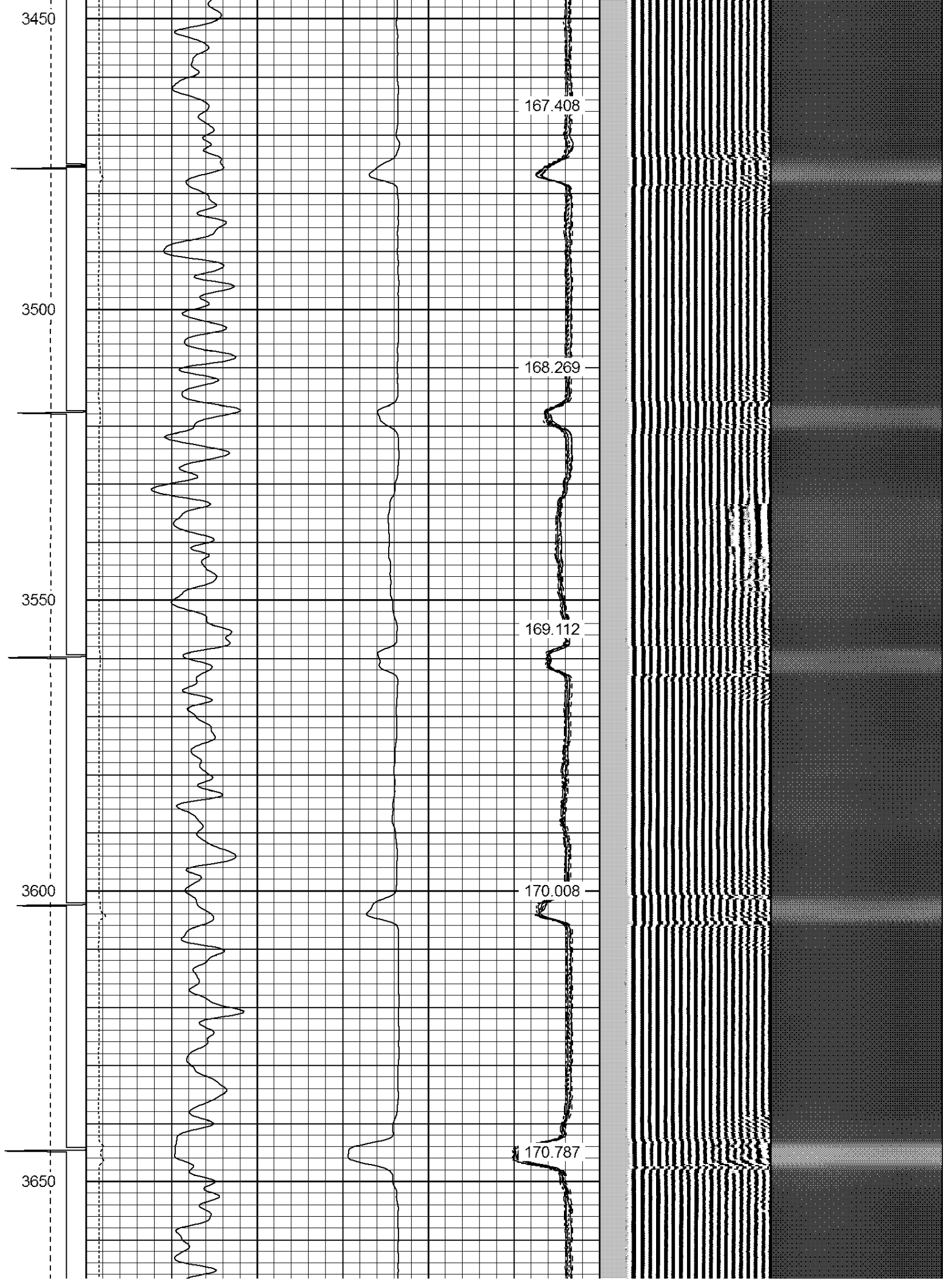


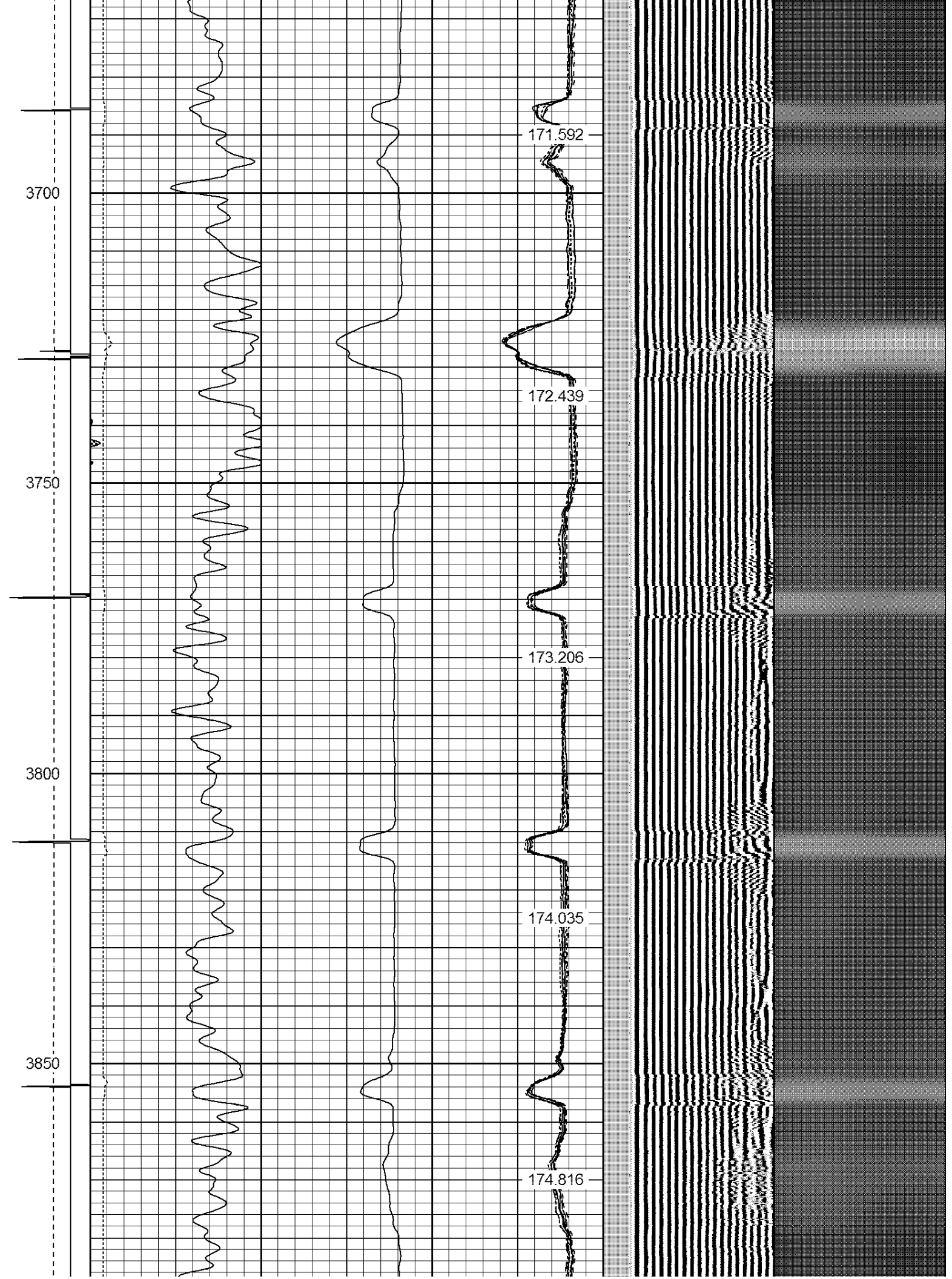


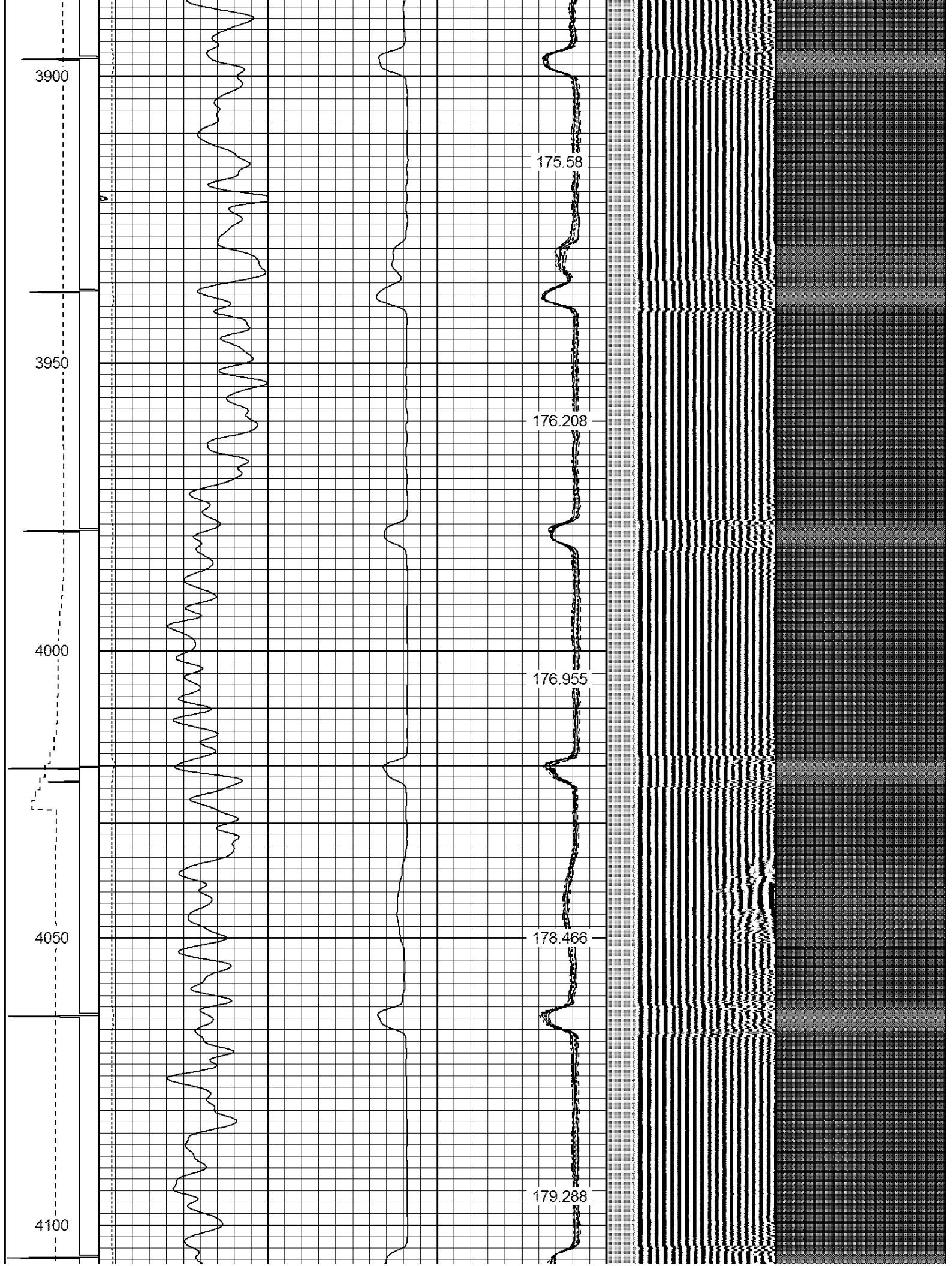






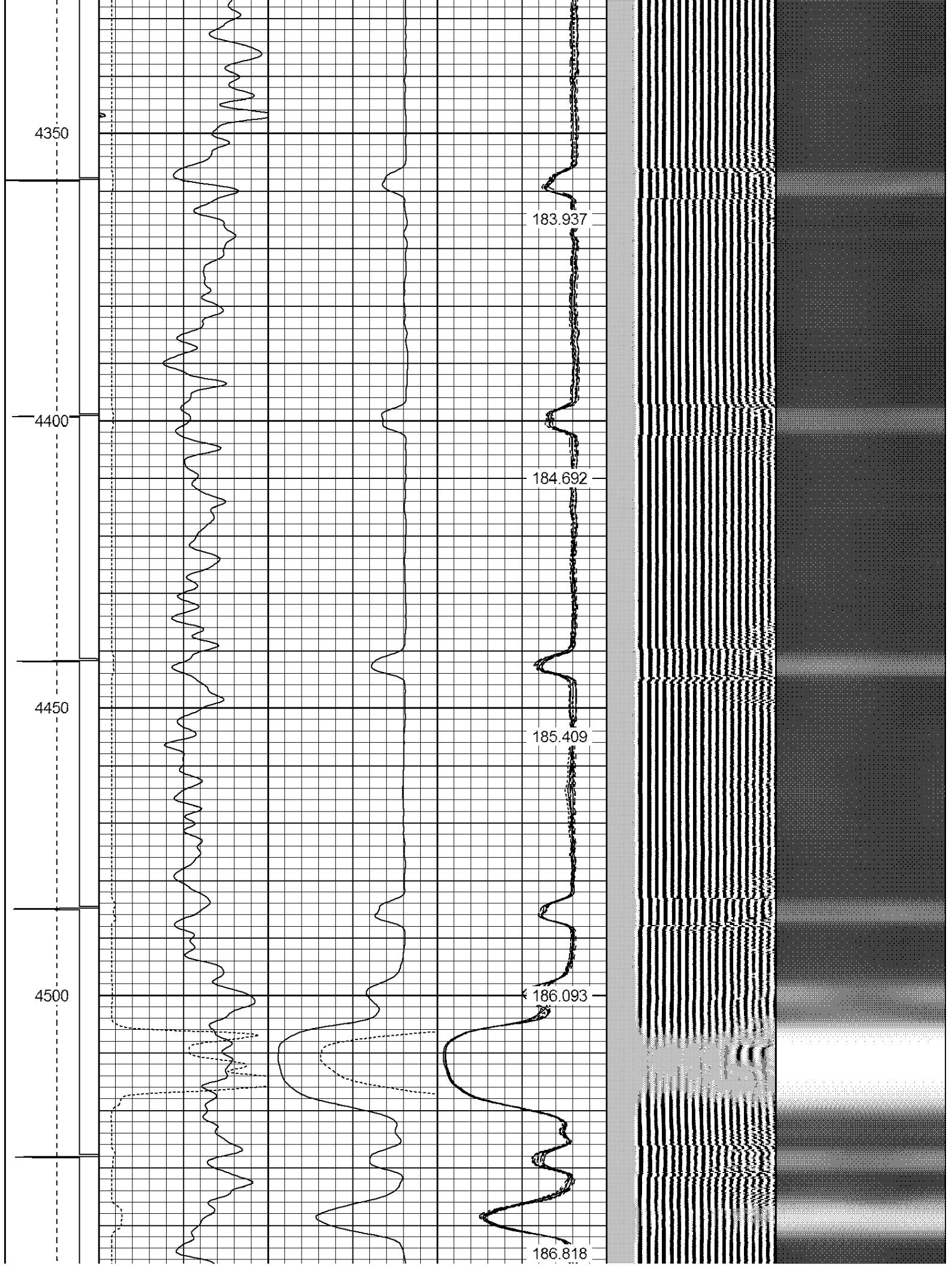




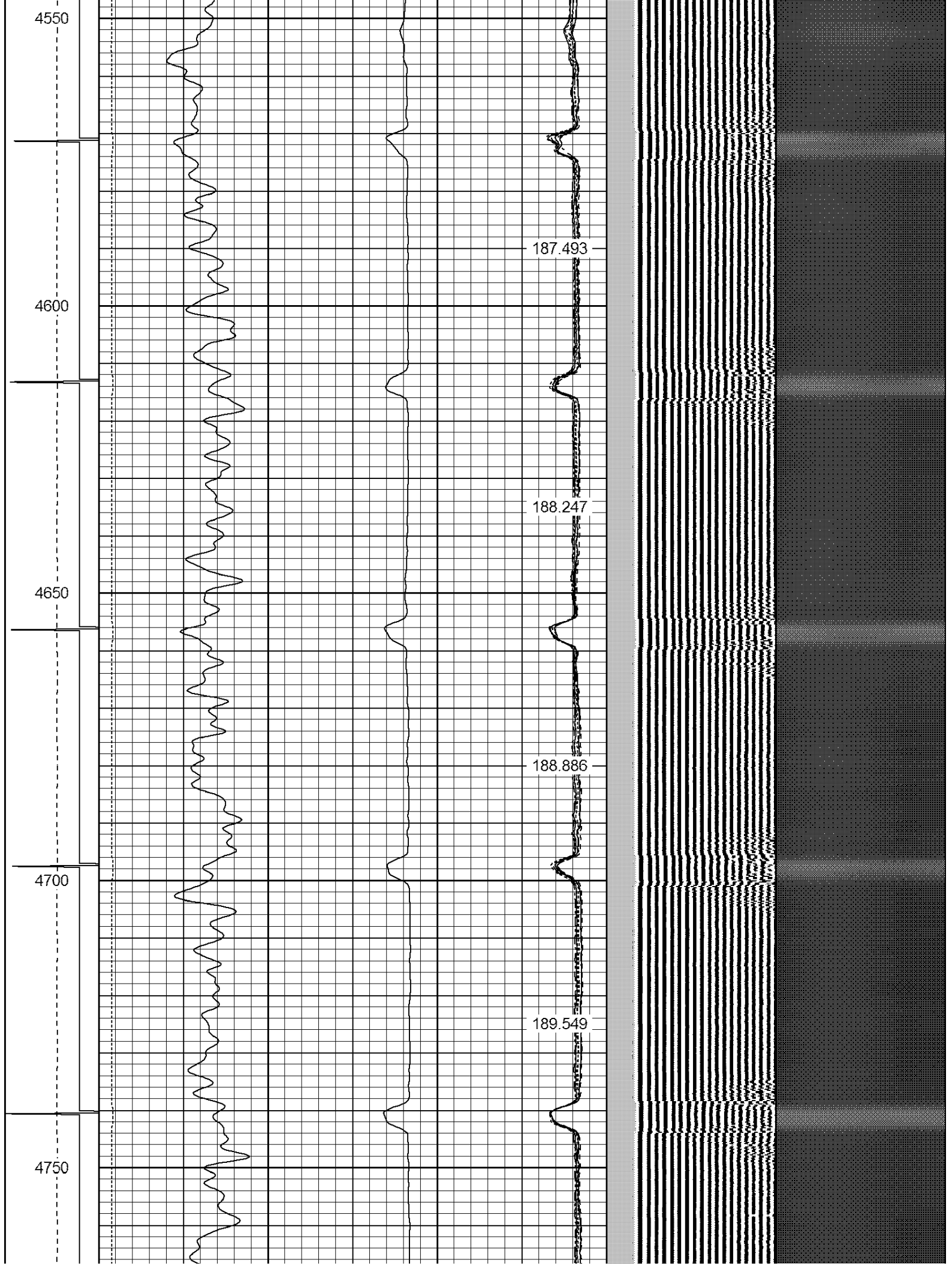


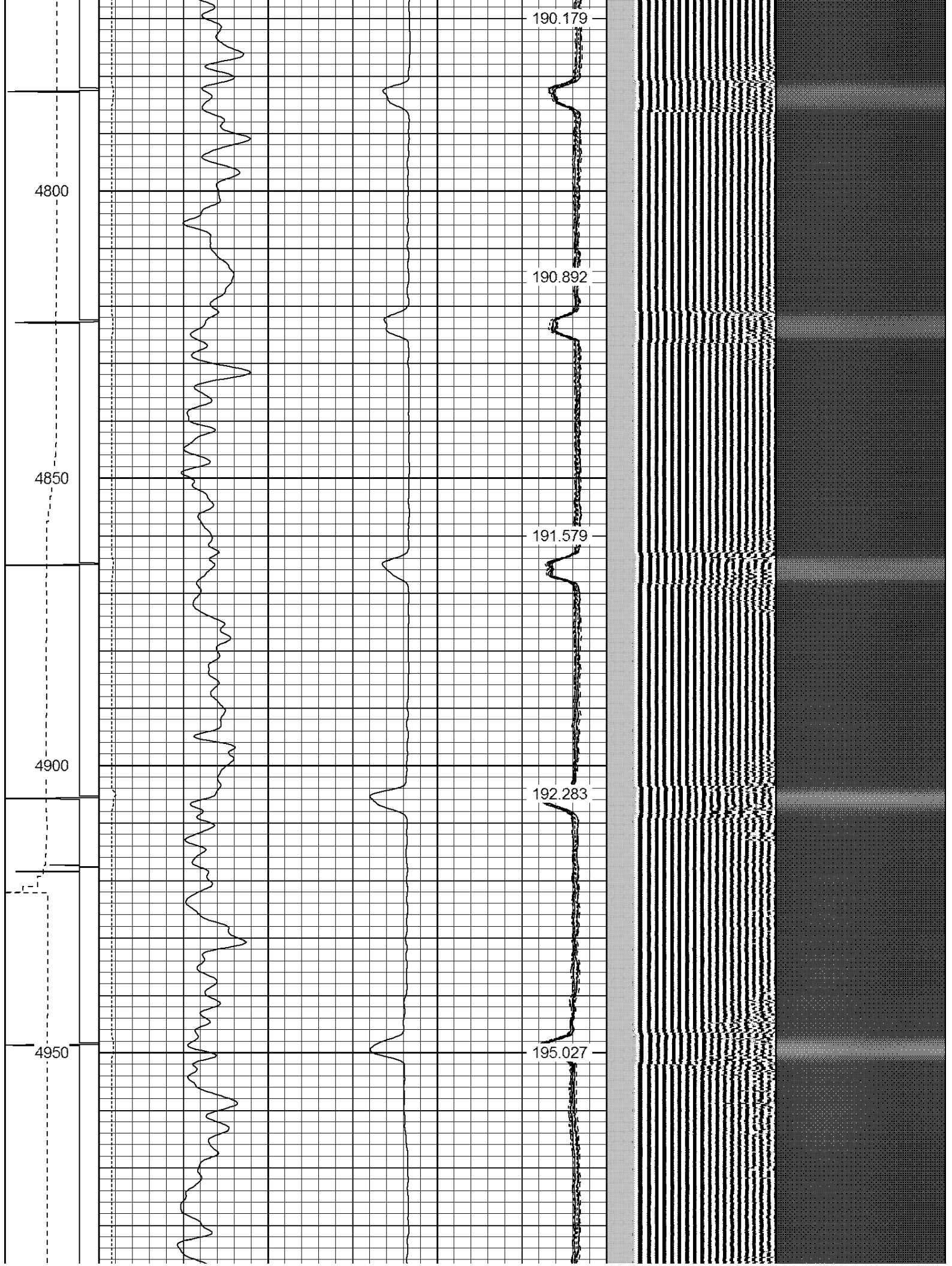


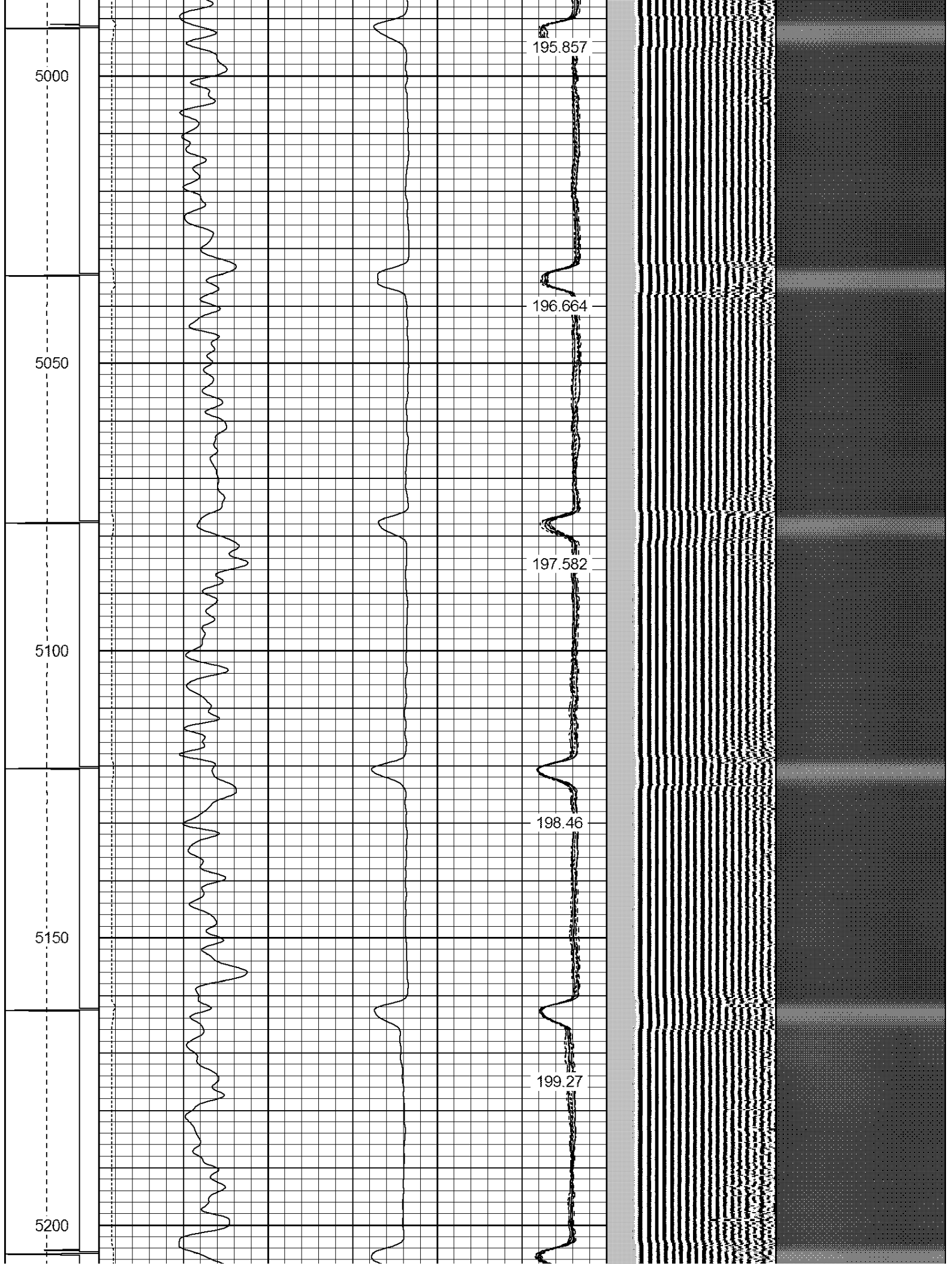


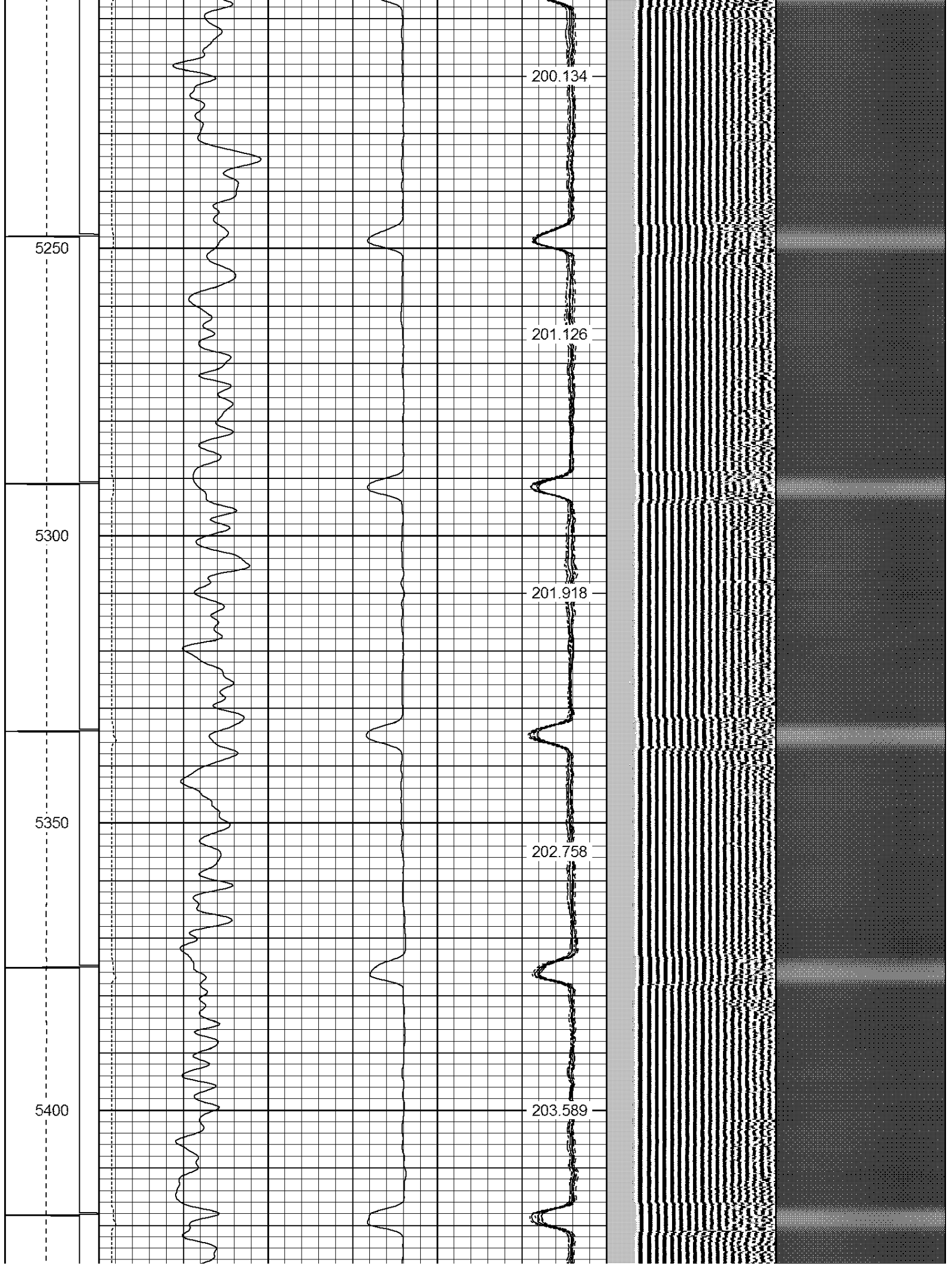




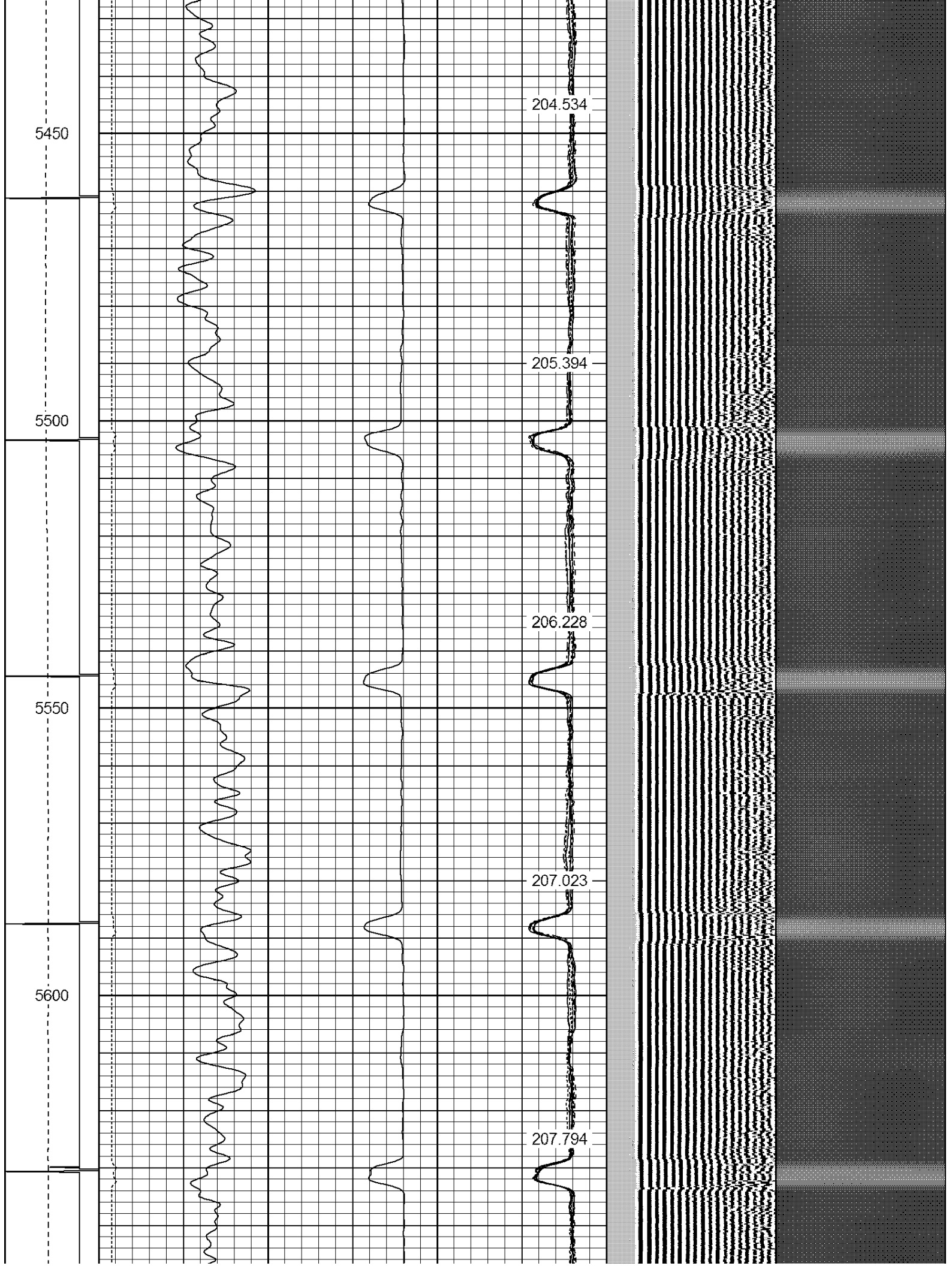




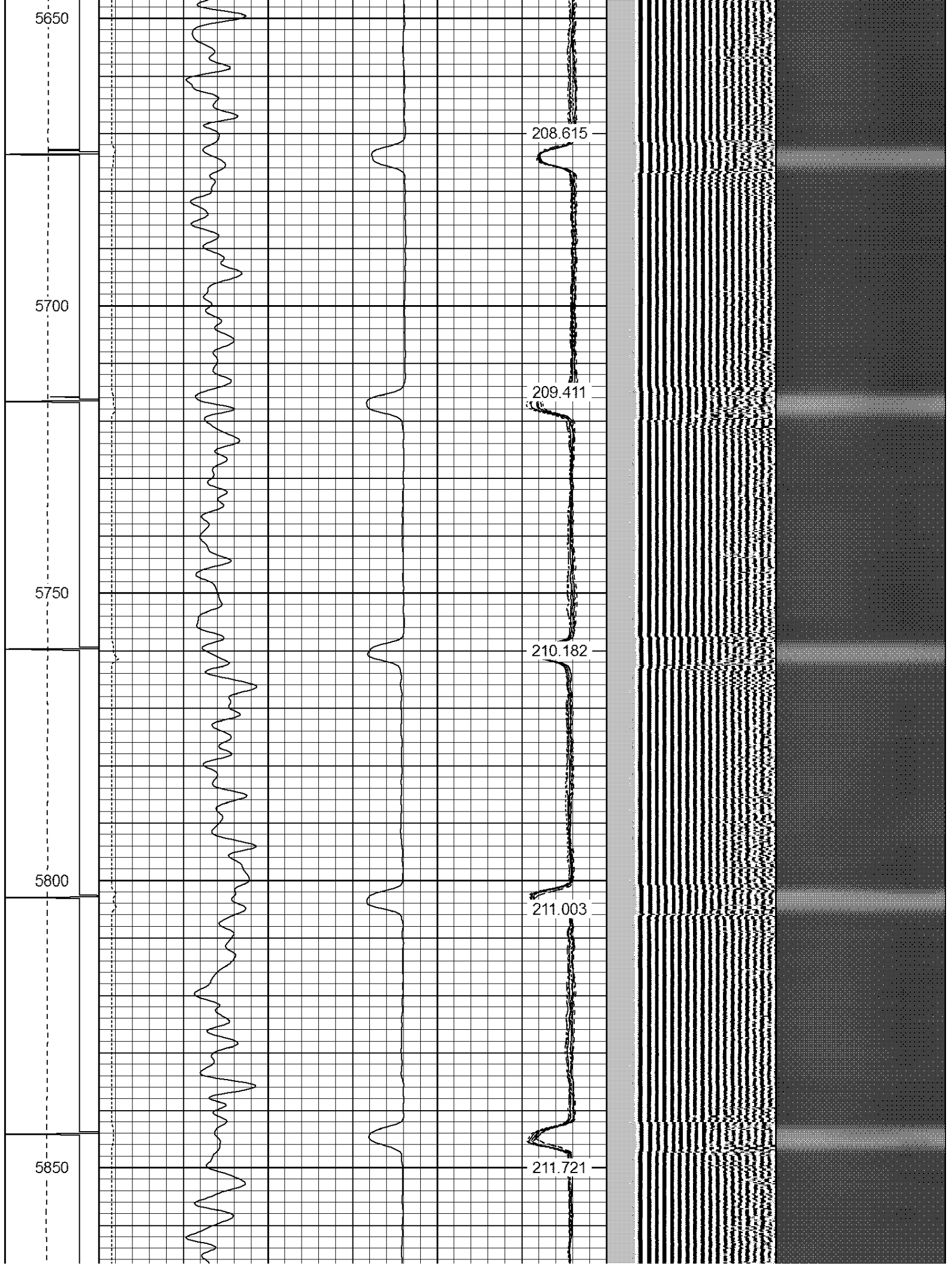


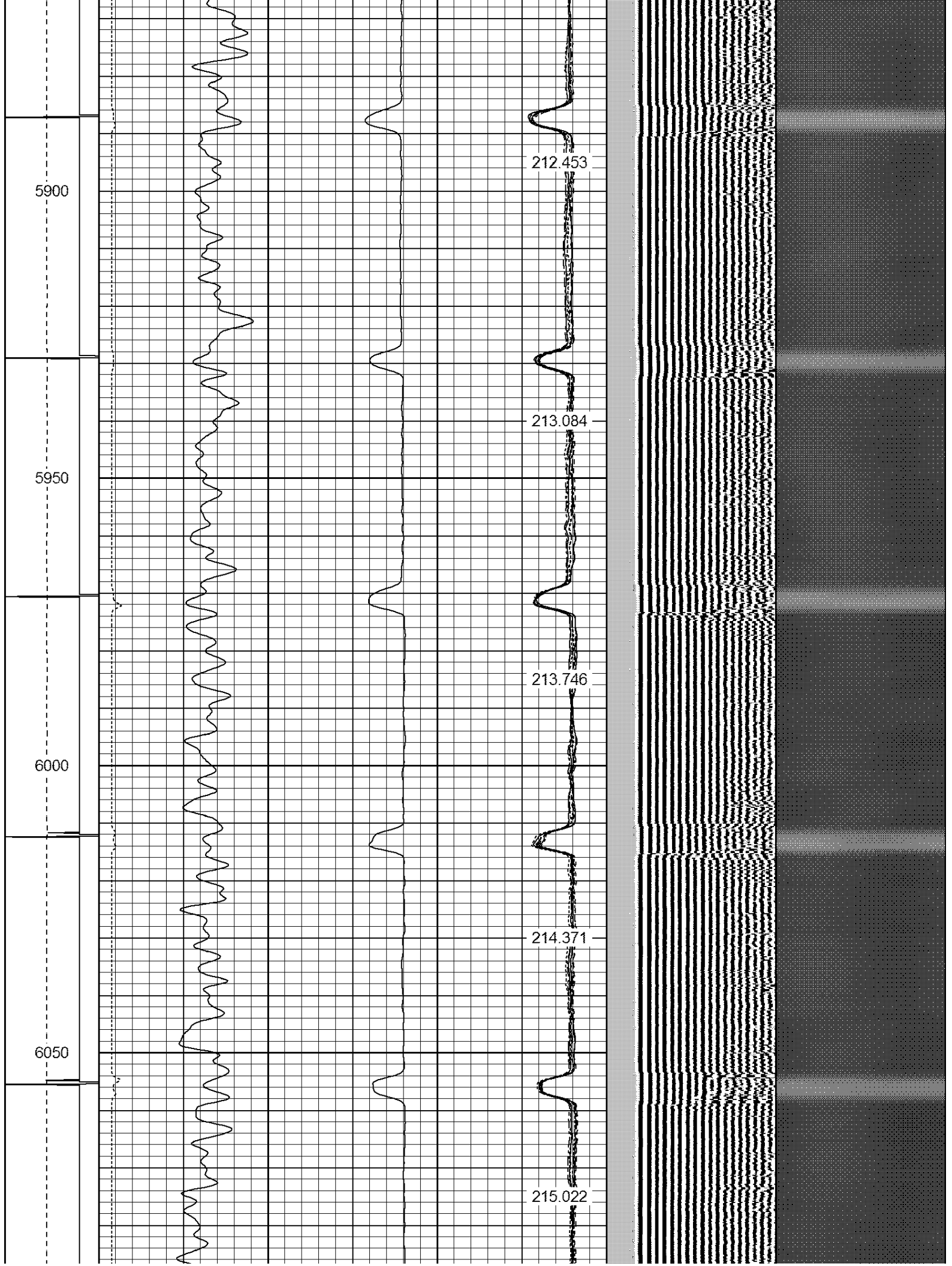


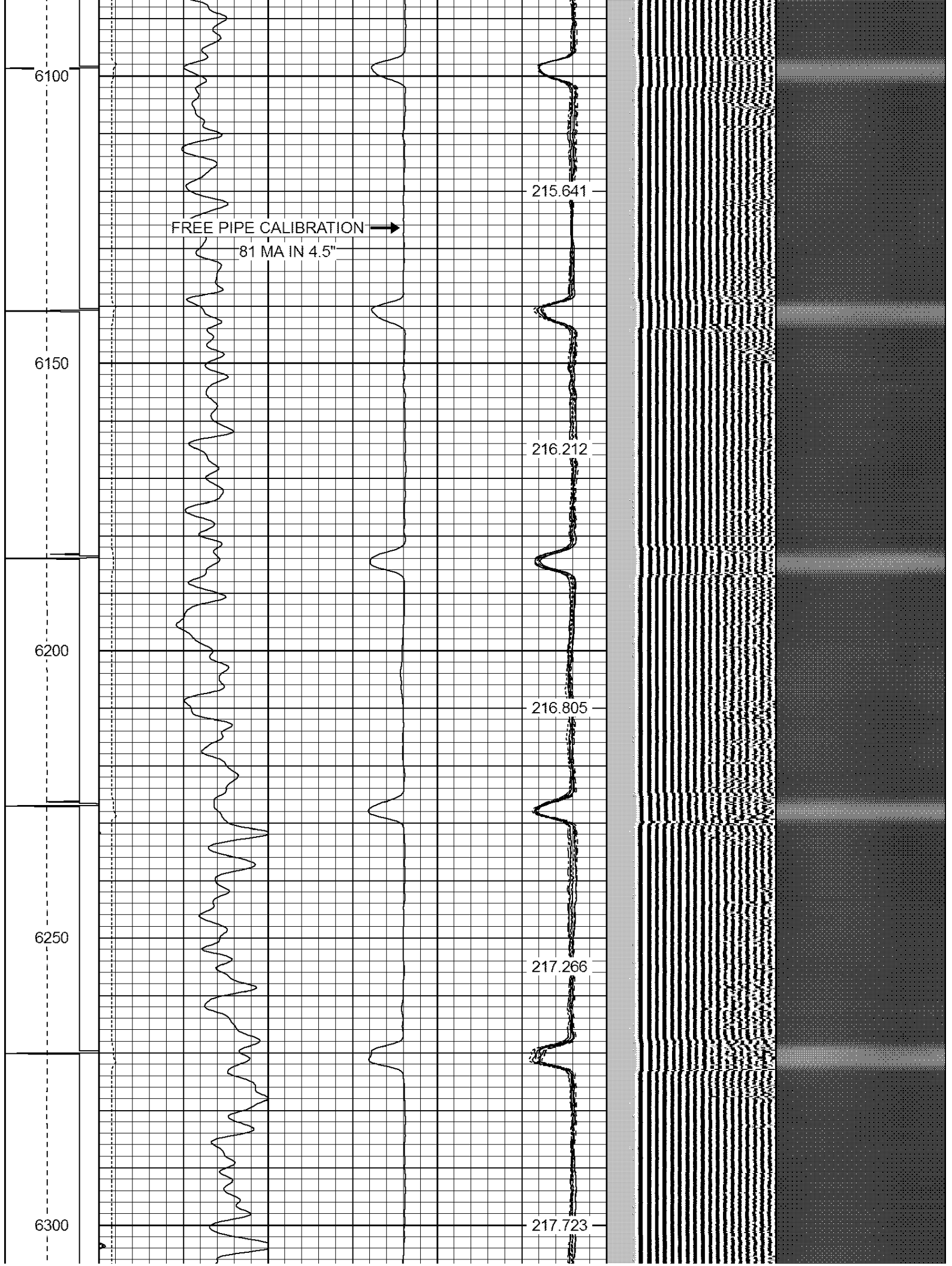


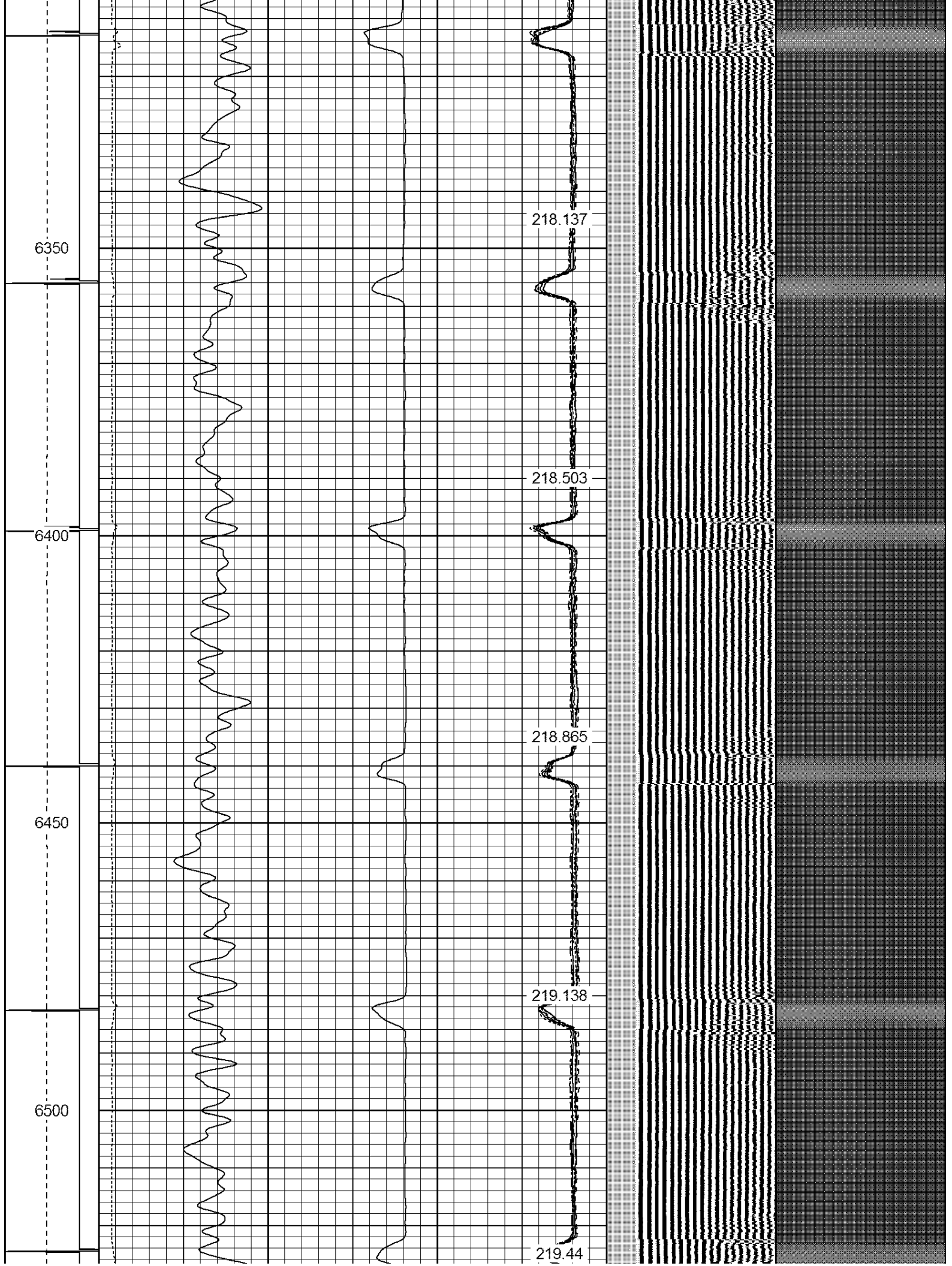




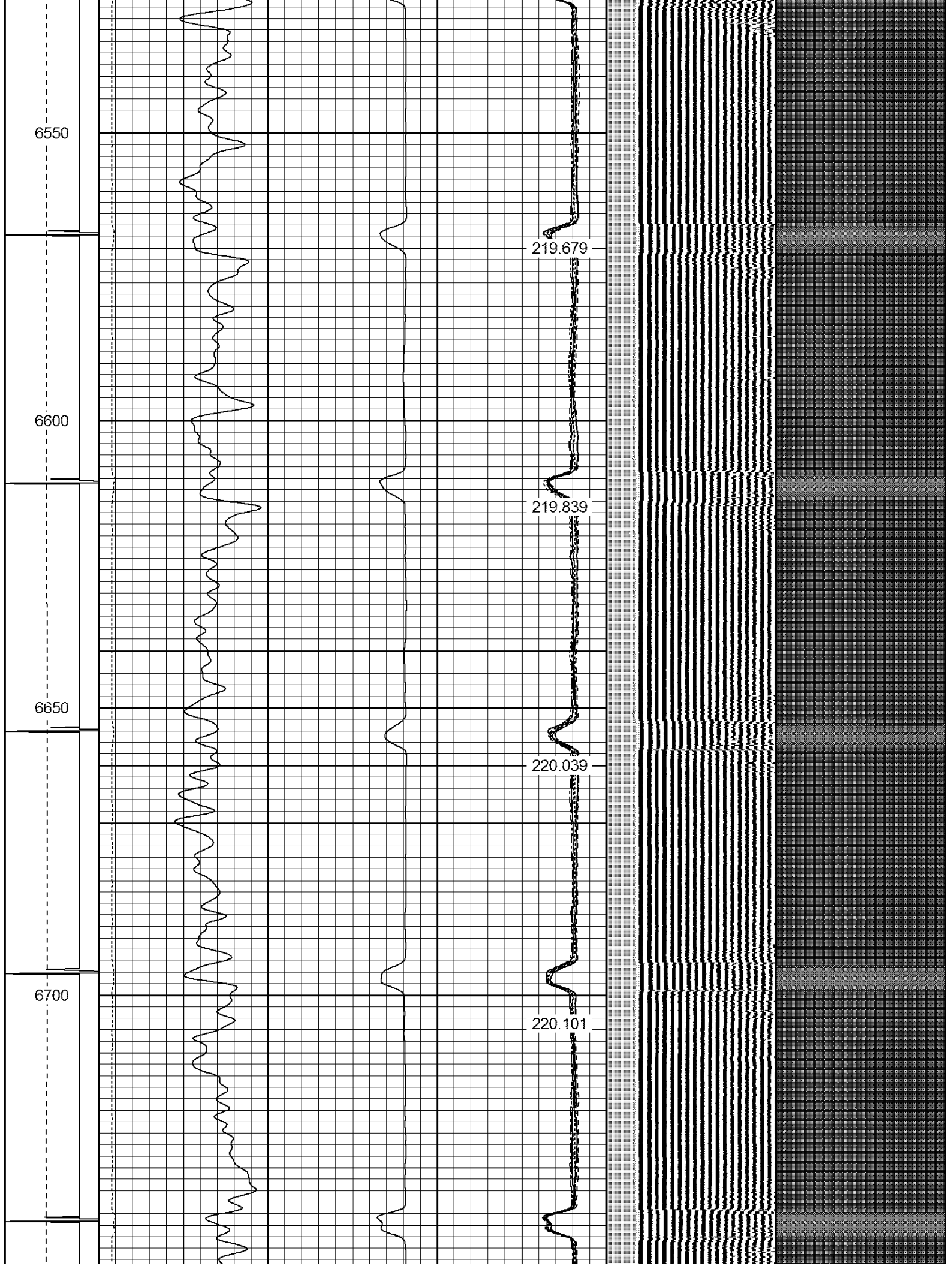


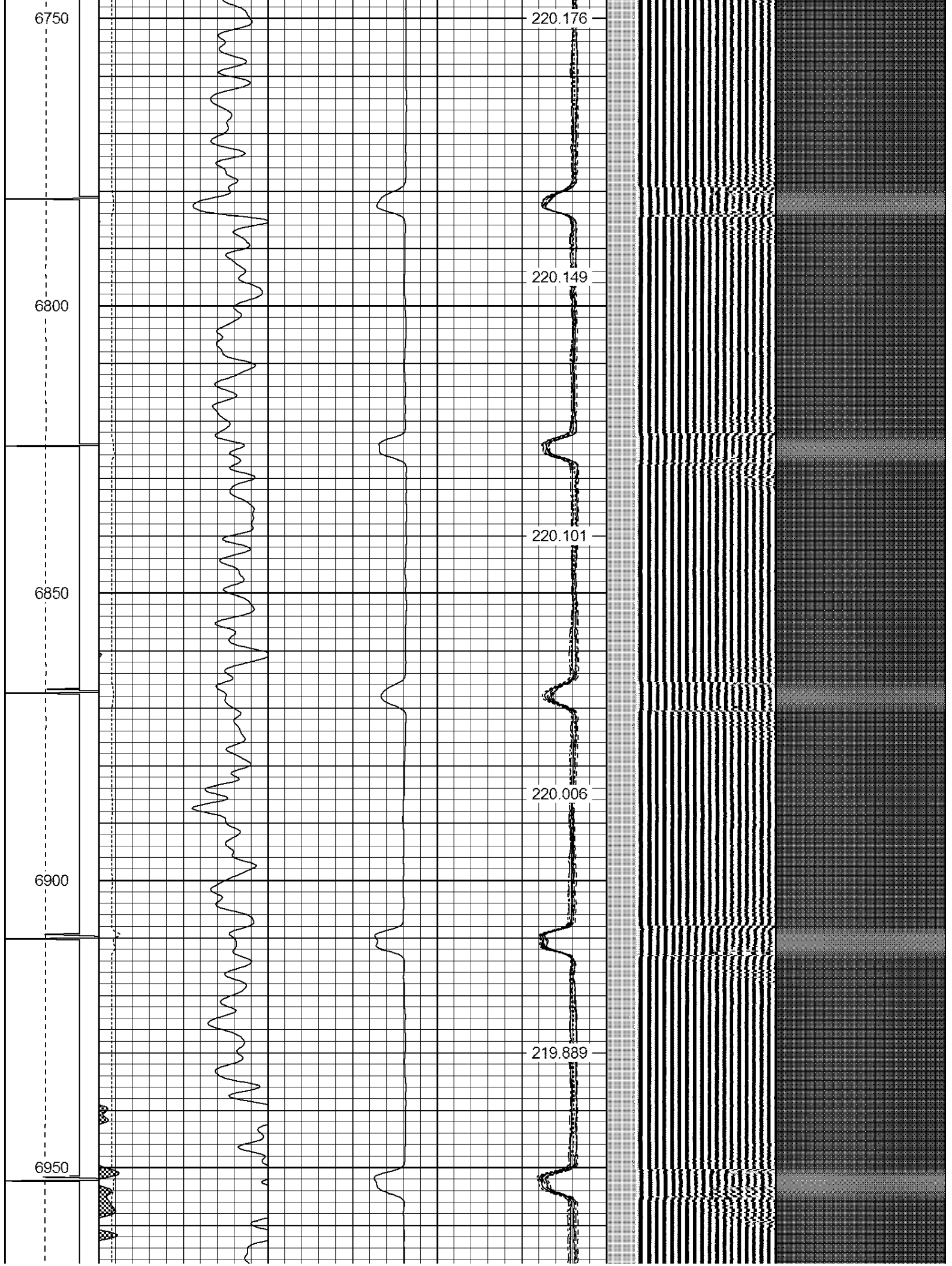


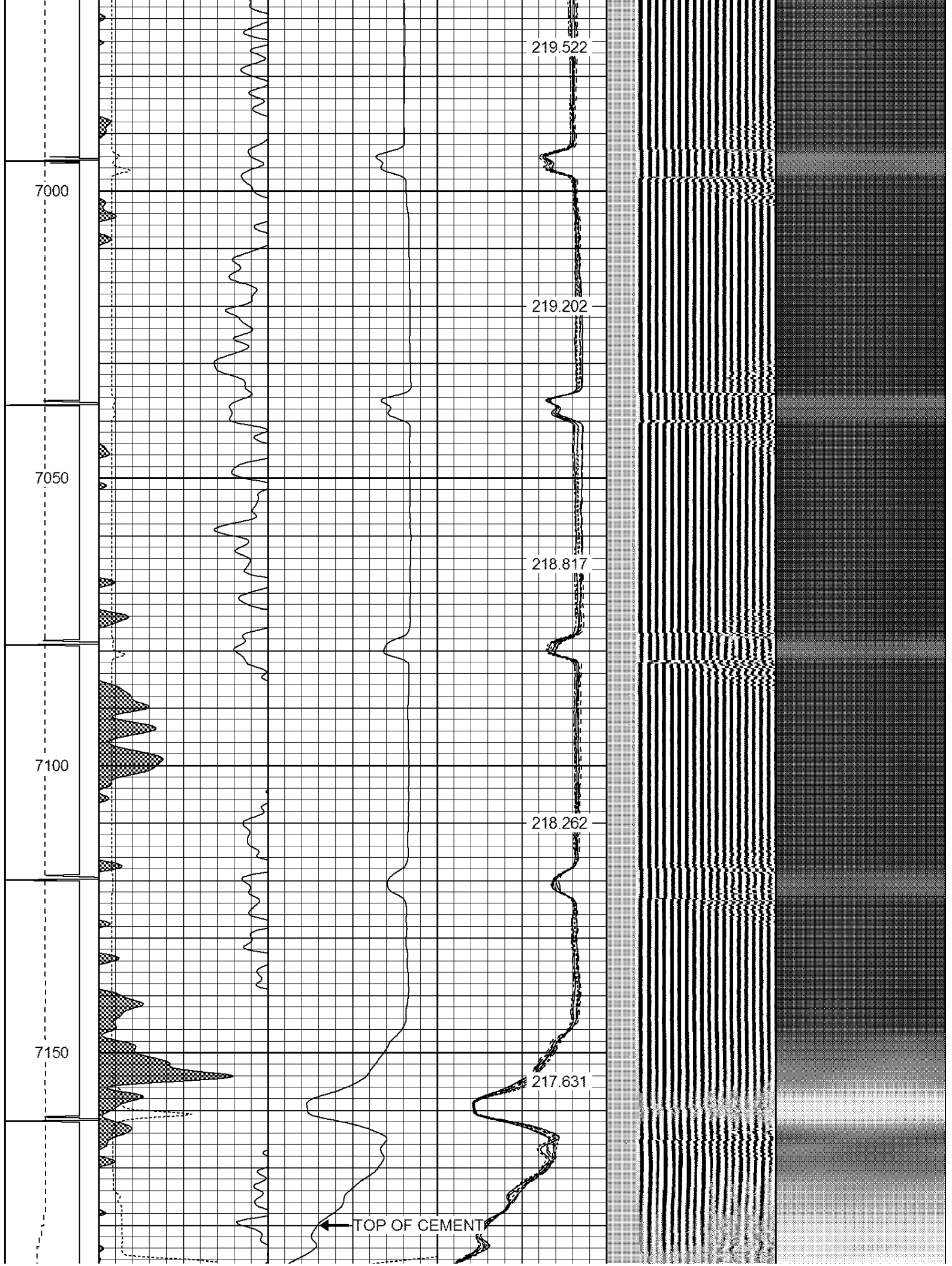


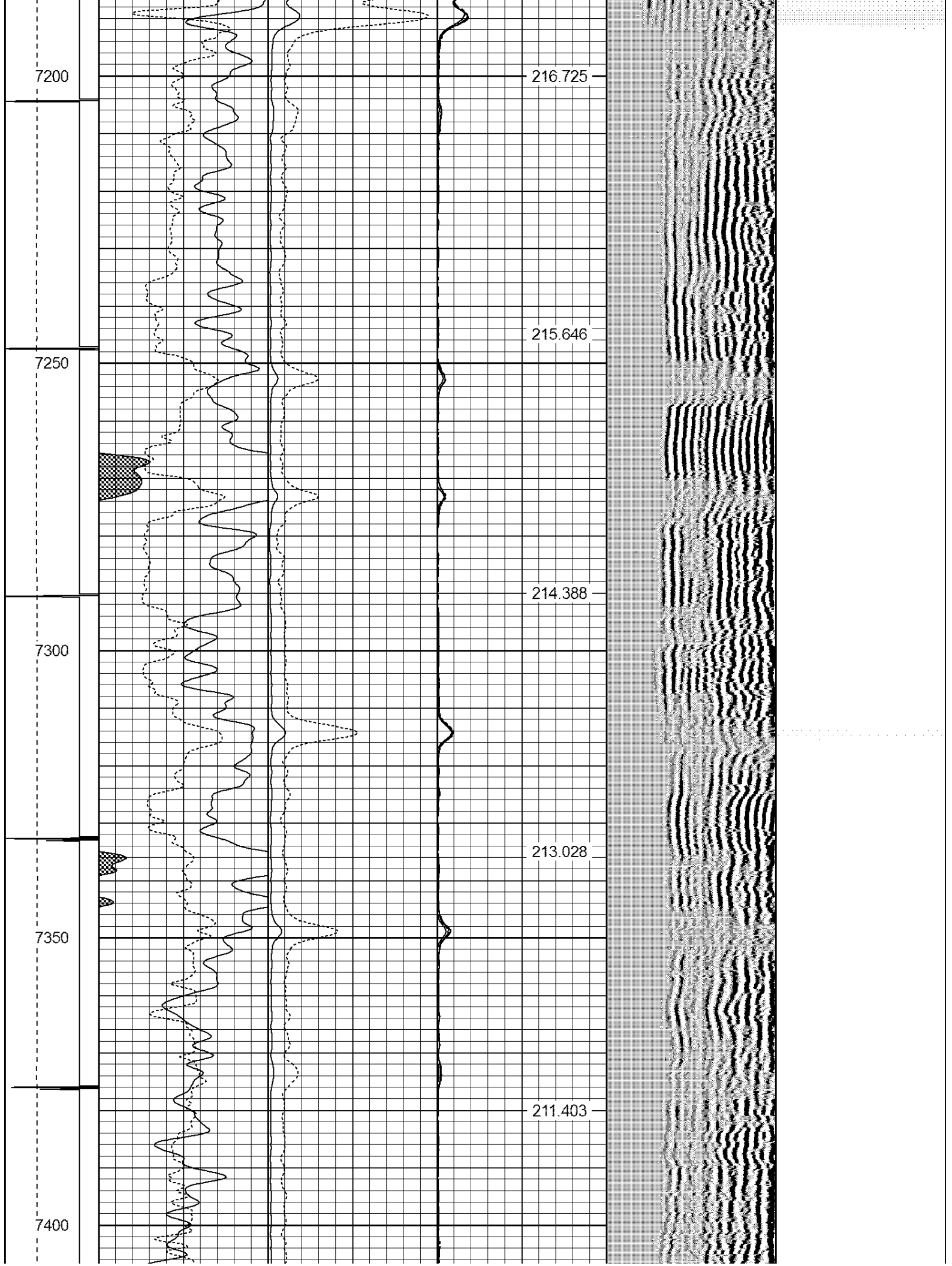




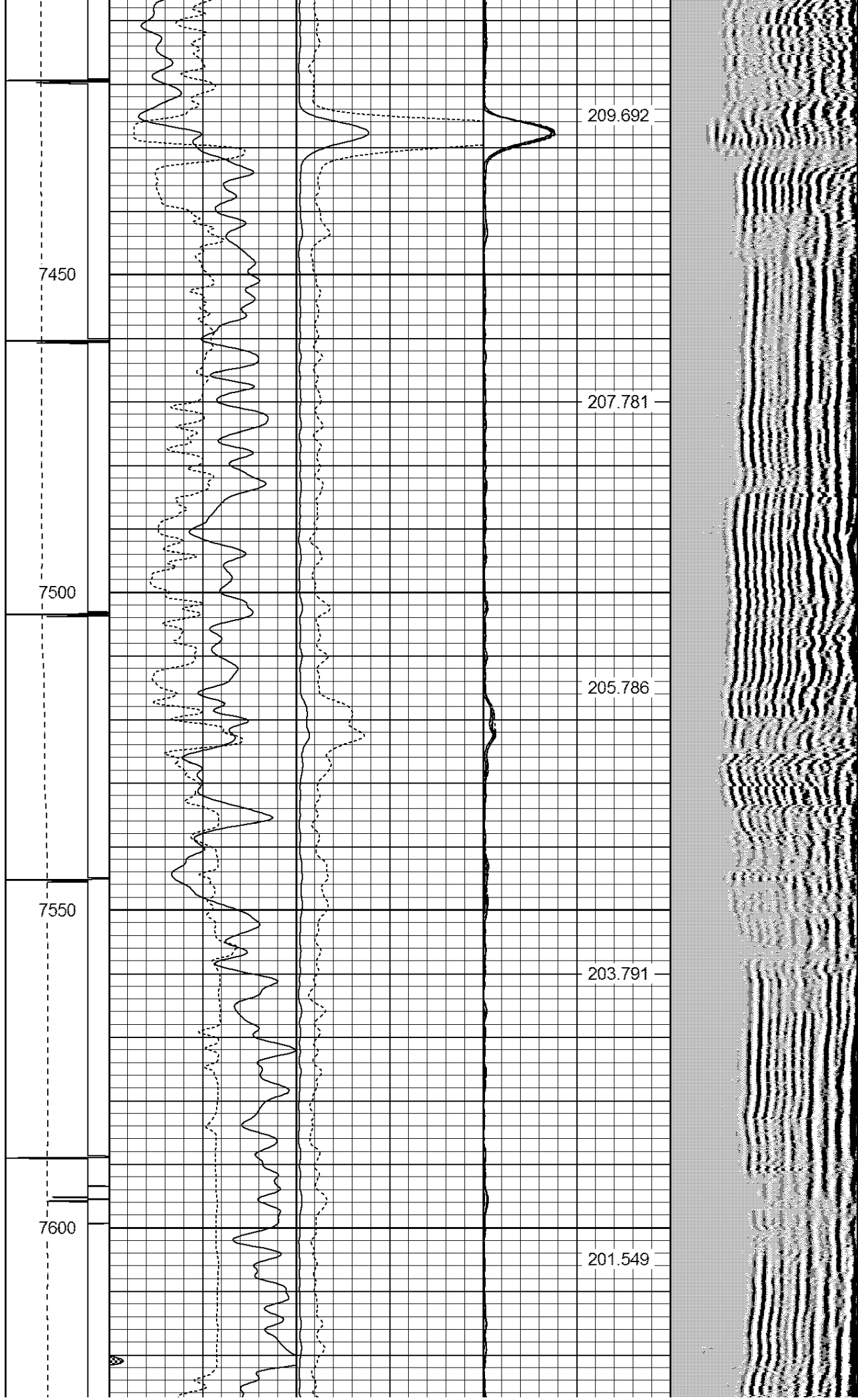


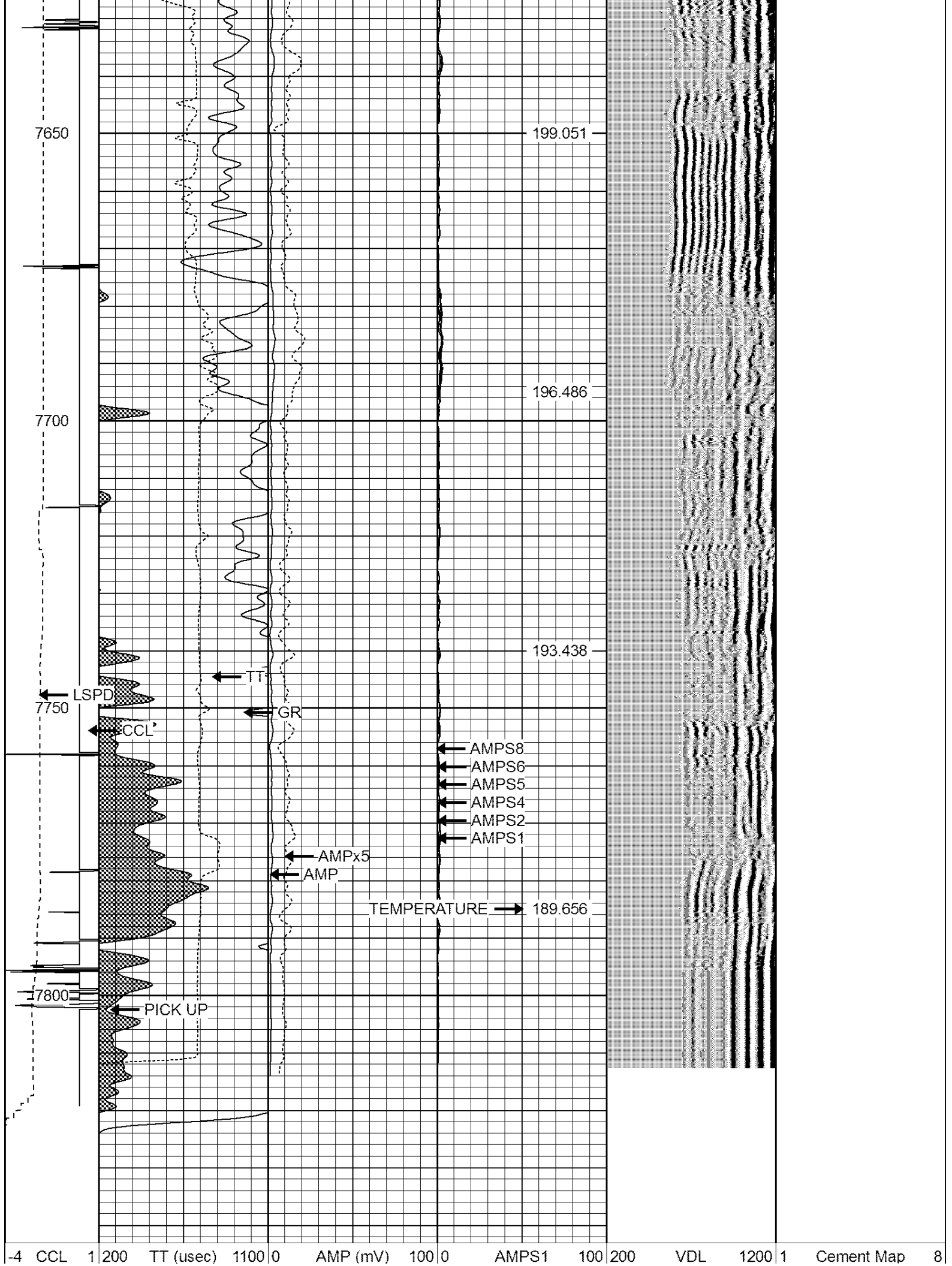












LSPD (ft/min)	0	GR (cps)	200	0	AMPx5 (mV)	20	0	AMPS2	100	1	100
0	250	200	GR (cps)	400			0	AMPS4	100		
							0	AMPS5	100		
							0	AMPS6	100		
							0	AMPS7	100		
							0	AMPS8	100		
								IntTemp (degF)			



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