



DIGITAL CEMENT BOND LOG  
GAMMA RAY  
CCL

Company BILL BARRETT CORPORATION  
Well CIRCLE B 6-66-09 0461CH  
Field WATTENBERG  
County WELD State CO

Location: API # : 05-233-726\_  
NE/NW  
262' FNL & 2297' FWL  
SEC 9 TWP 6N RGE 66W  
Permanent Datum GL Elevation 4814'  
Log Measured From KB 23'  
Drilling Measured From KB  
Other Services  
K.B. 4837'  
D.F. 4836'  
G.L. 4814'

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Date 5-1-2014

Run Number ONE  
Depth Driller NA  
Depth Logger 6580  
Bottom Logged Interval 6572  
Top Log Interval SURFACE  
Open Hole Size 7  
Type Fluid WATER  
Density / Viscosity 1.0  
Max. Recorded Temp. 210  
Estimated Cement Top 279  
Time Well Ready NA  
Time Logger on Bottom NA  
Equipment Number 4310  
Location GREELEY  
Recorded By C.JONES  
Witnessed By JDAMRON

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

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String				
Prot. String	7	26#	0	7568
Production String	4.5	11.6#	6456'	T.D.
Liner	4.5	11.6	6456	

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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.

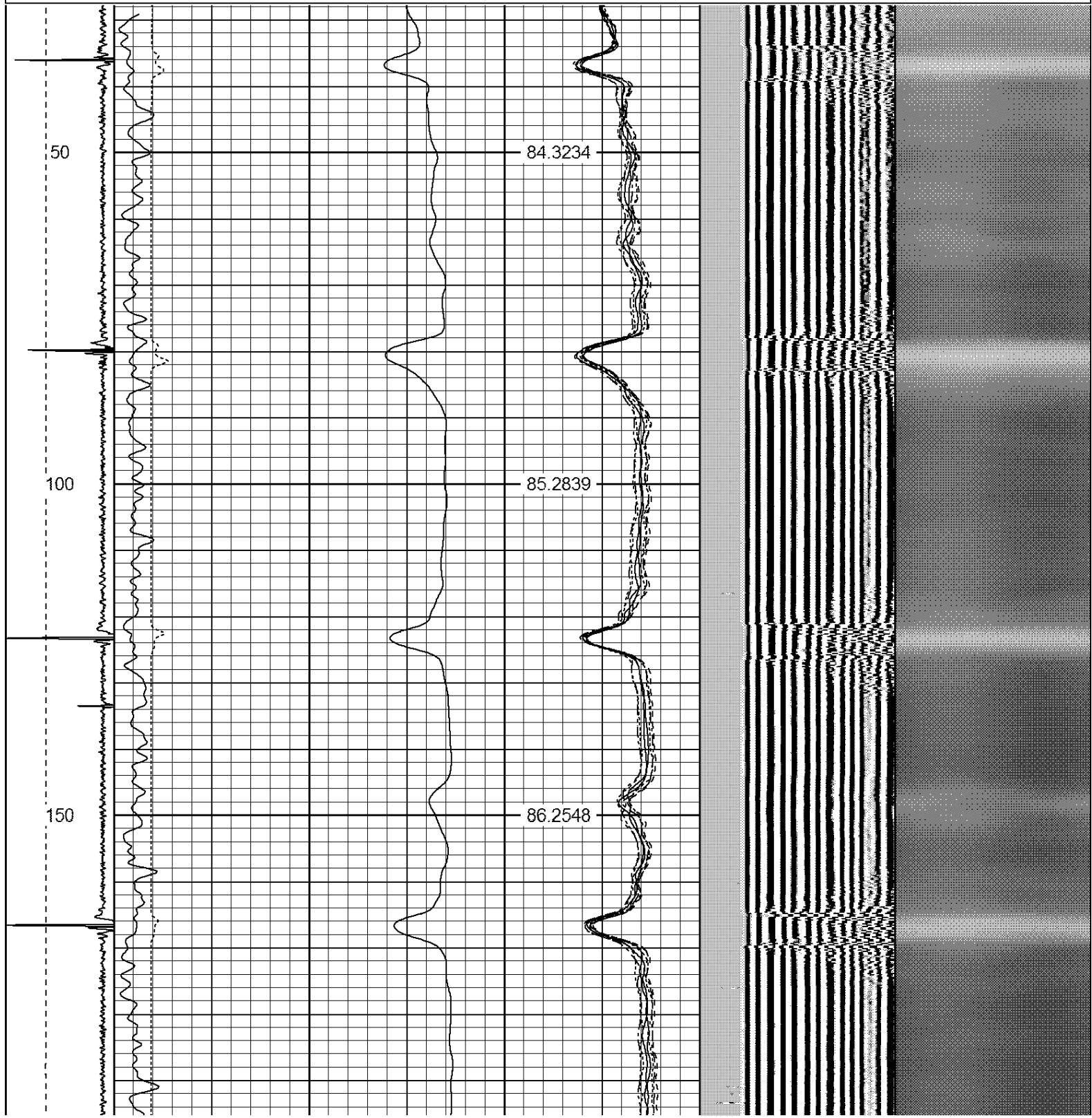
Comments

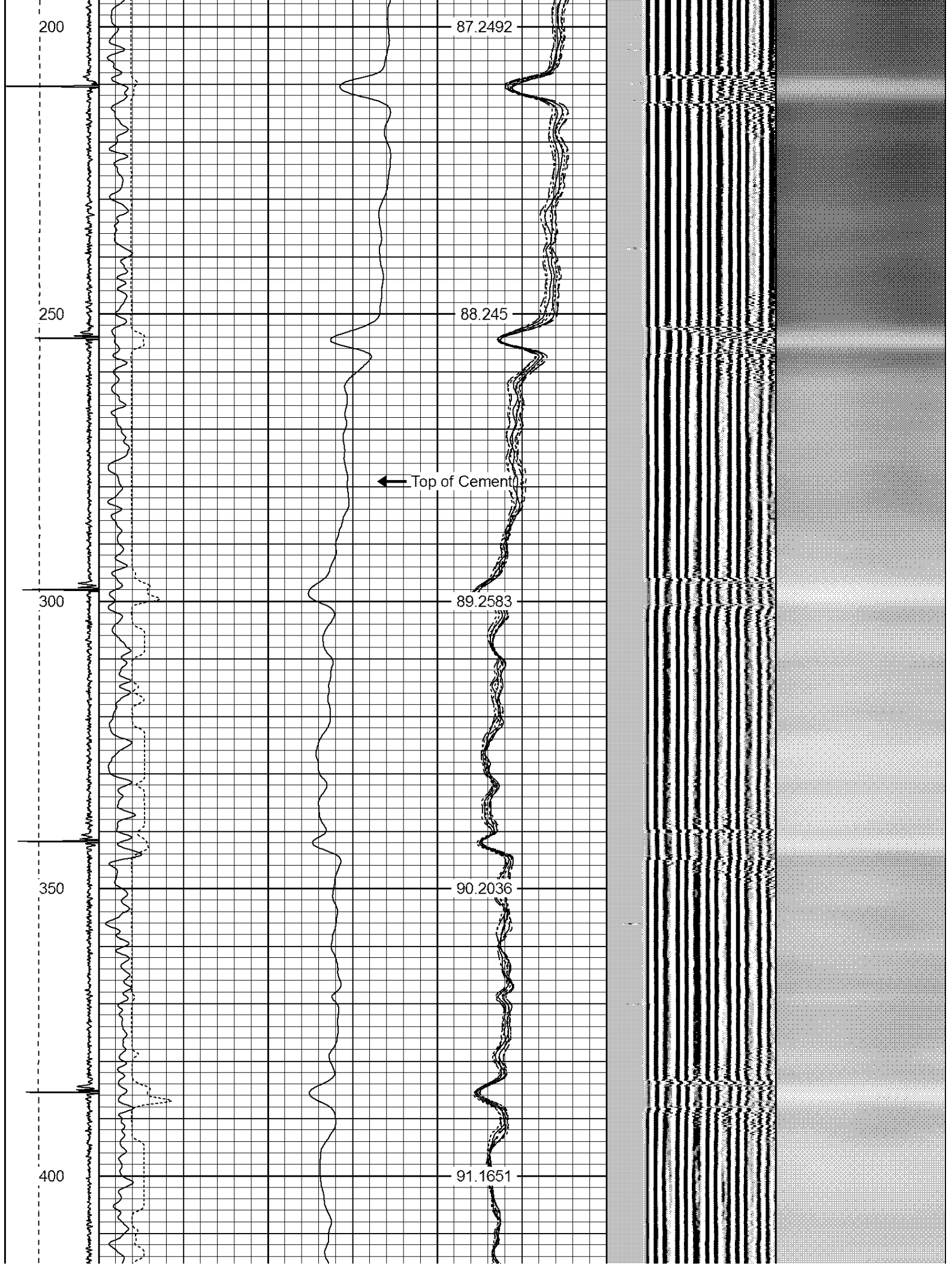
RAN CBL TO VERIFY CEMENT BOND  
TIED INTO LINER HANGER.  
  
THANK YOU FOR USING WARRIOR ENERGY SERVICES!

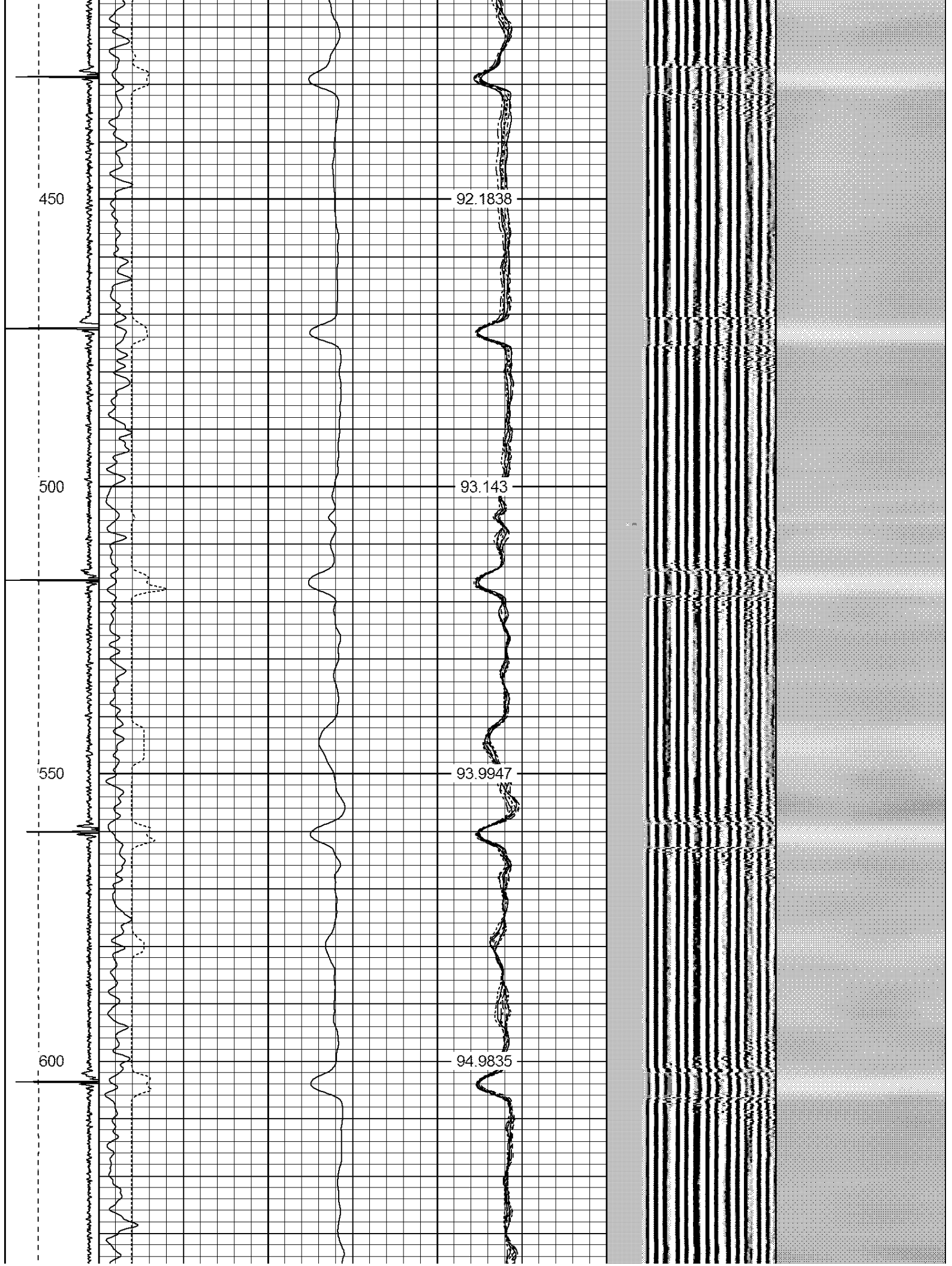
Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)

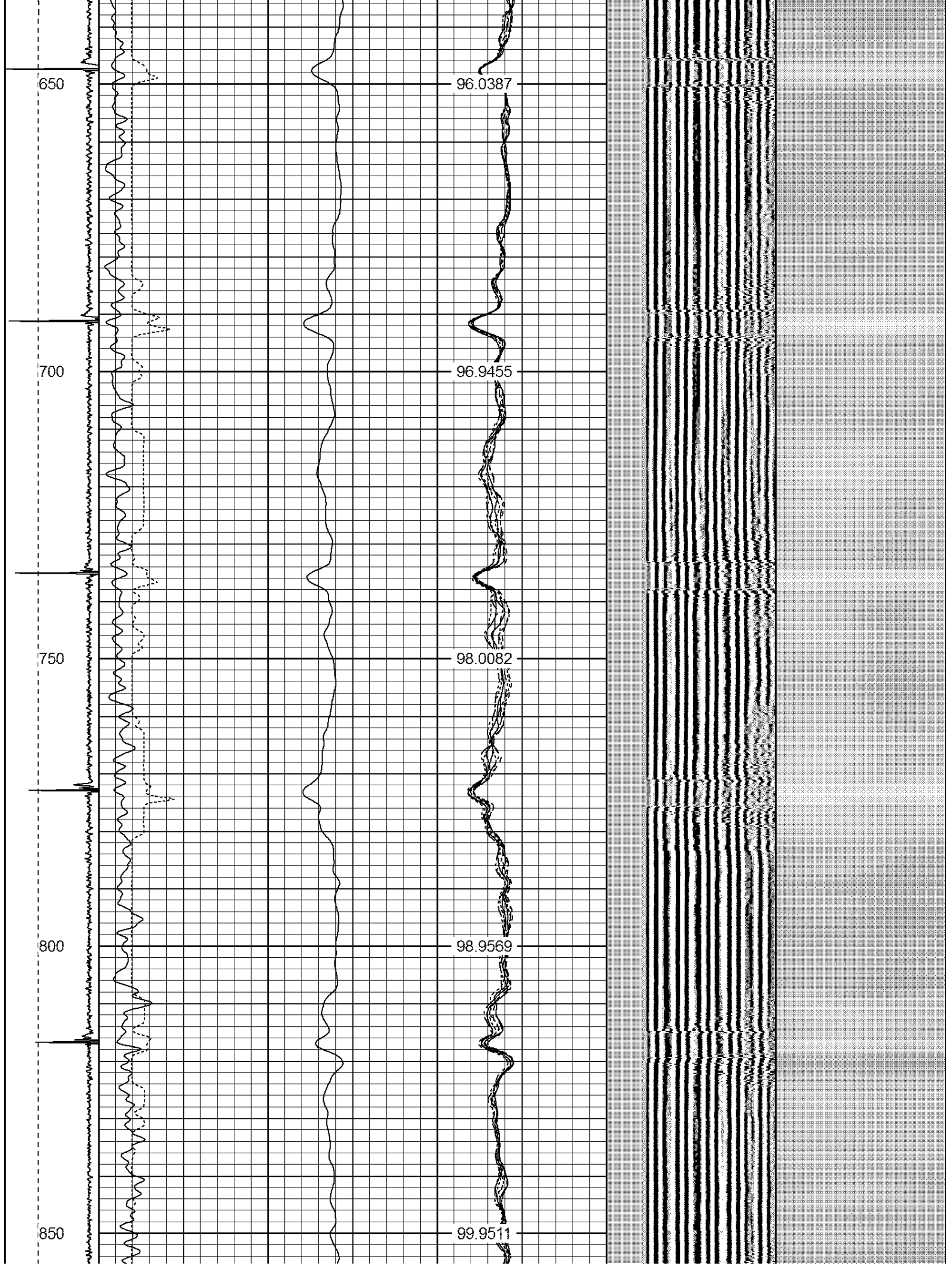
			PTS275	2.83	2.75	
HEADVOLT	16.13					
IntTemp	14.71					
WVF3FT	11.46		RBT-Probe (Base)	8.92	2.75	90.00
WVFCAL	11.46		Probe Radii Bond Tool with Digital Telemetry			
WVFS1	11.46					
WVFS2	11.46					
WVFS3	11.46					
WVFS4	11.46					
WVFS5	11.46					
WVFS6	11.46					
WVFS7	11.46					
WVFS8	11.46					
WVF5FT	10.46					
CNLSC	6.00		CNT-Probe_B (275)	2.88	2.75	40.00
CNSSC	5.17		6 bow centralizer			
CCL	3.64					
			GR-Probe (275)	4.33	2.75	30.00
			Probe 2.75"			
GR	0.90					
Dataset: circle b 6 66 09 0461 ch.db: field/well/run1/pass7 Total Length: 18.96 ft Total Weight: 160.00 lb O.D. 2.75 in						

Dataset Creation:										Thu May 01 09:13:09 2014 by Log 7.0 B1									
Charted by:										Depth in Feet scaled 1:240									
-9	CCL	1	200	TT (usec)	800	0	AMP (mV)	100	0	AMPS1	100	200	VDL	1200	1	Cement Map	8		
LSPD (ft/min)	0		GR (GAPI)	200	0	AMPx5 (mV)	20	0	AMPS2	100			1						
	200		GR (GAPI)	400				0	AMPS4	100									
0	250								0	AMPS5	100								
										0	AMPS6	100							
										0	AMPS7	100							
										0	AMPS8	100							
										IntTemp									
										(degF)									

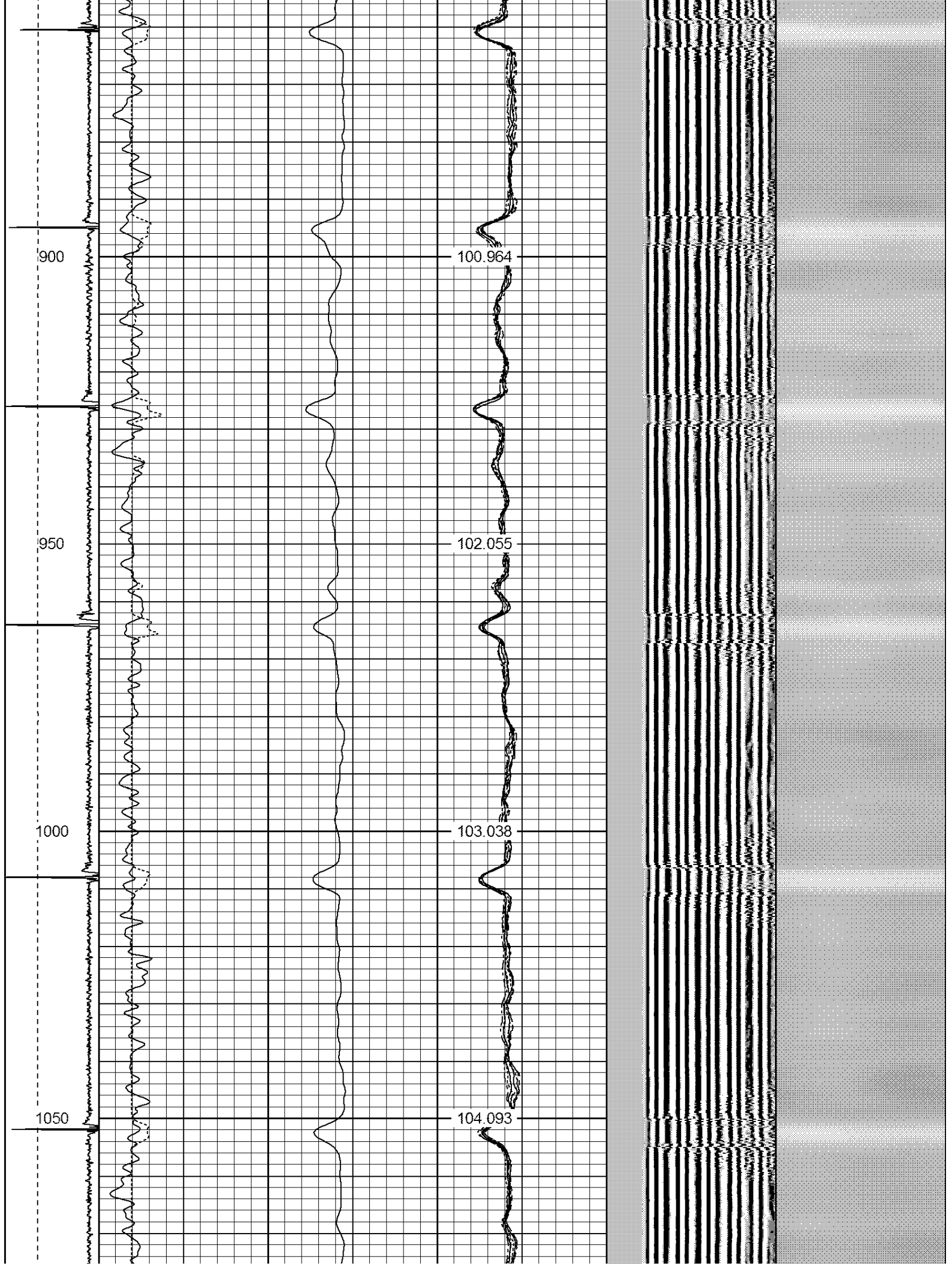


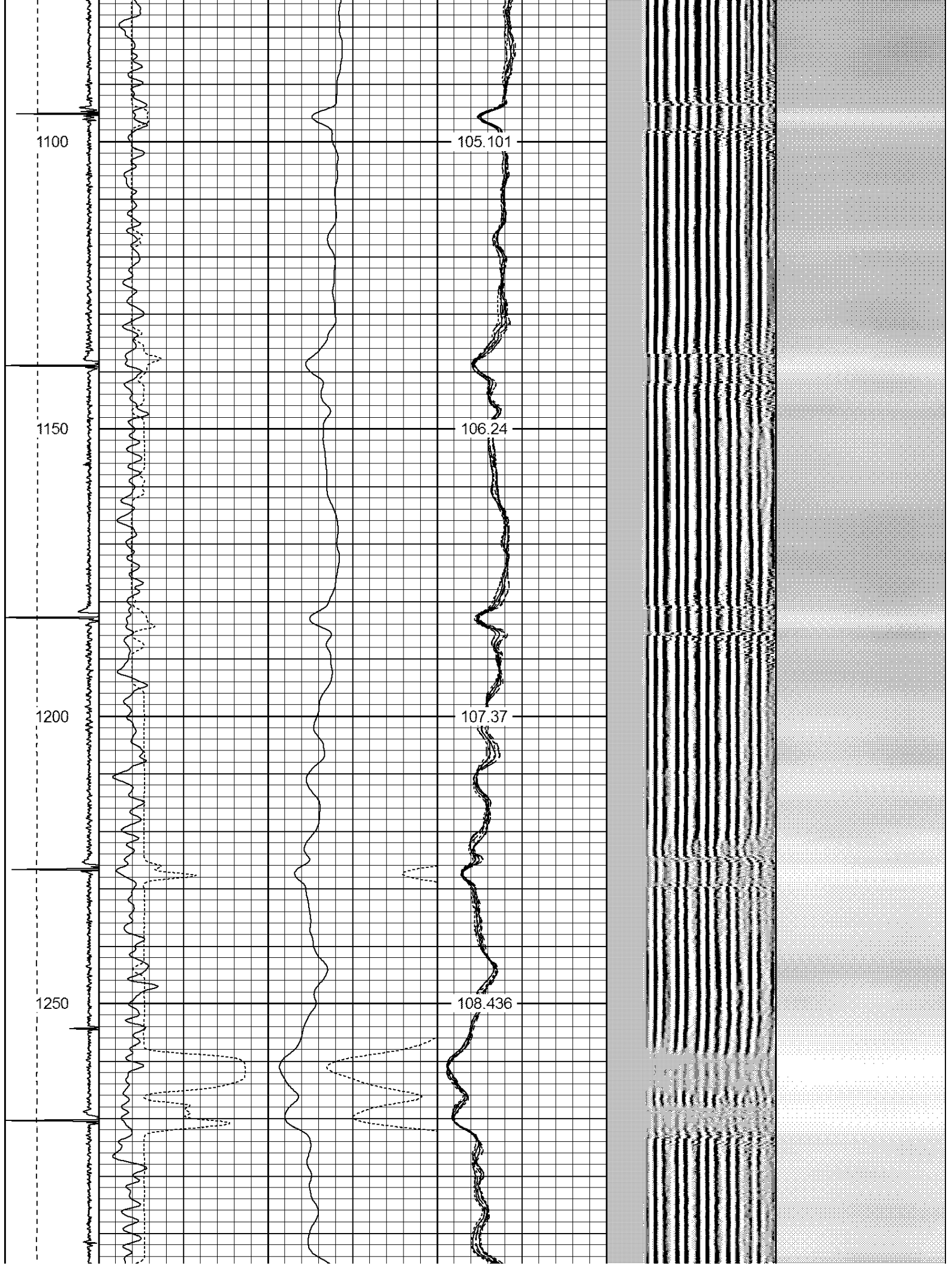




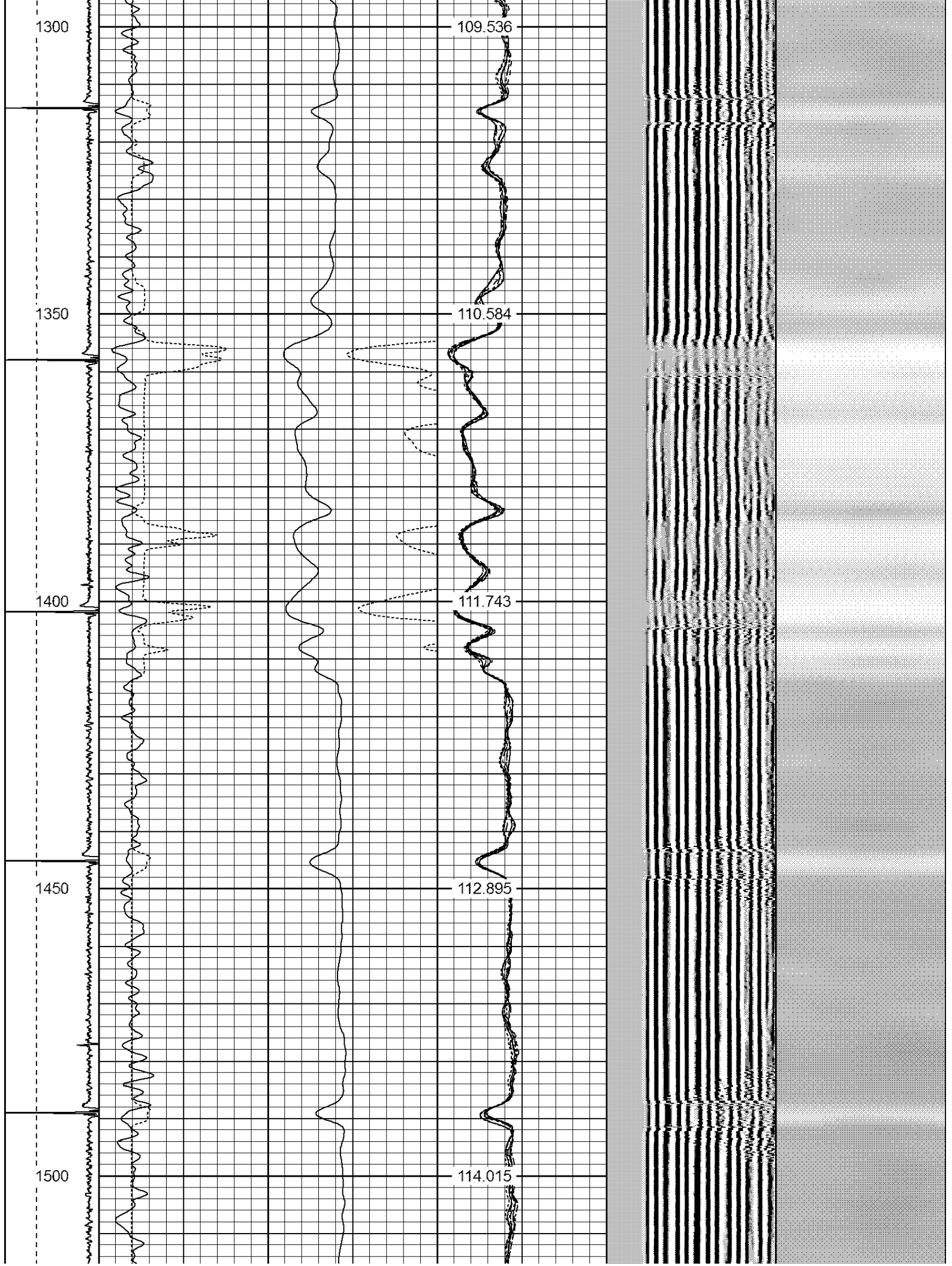


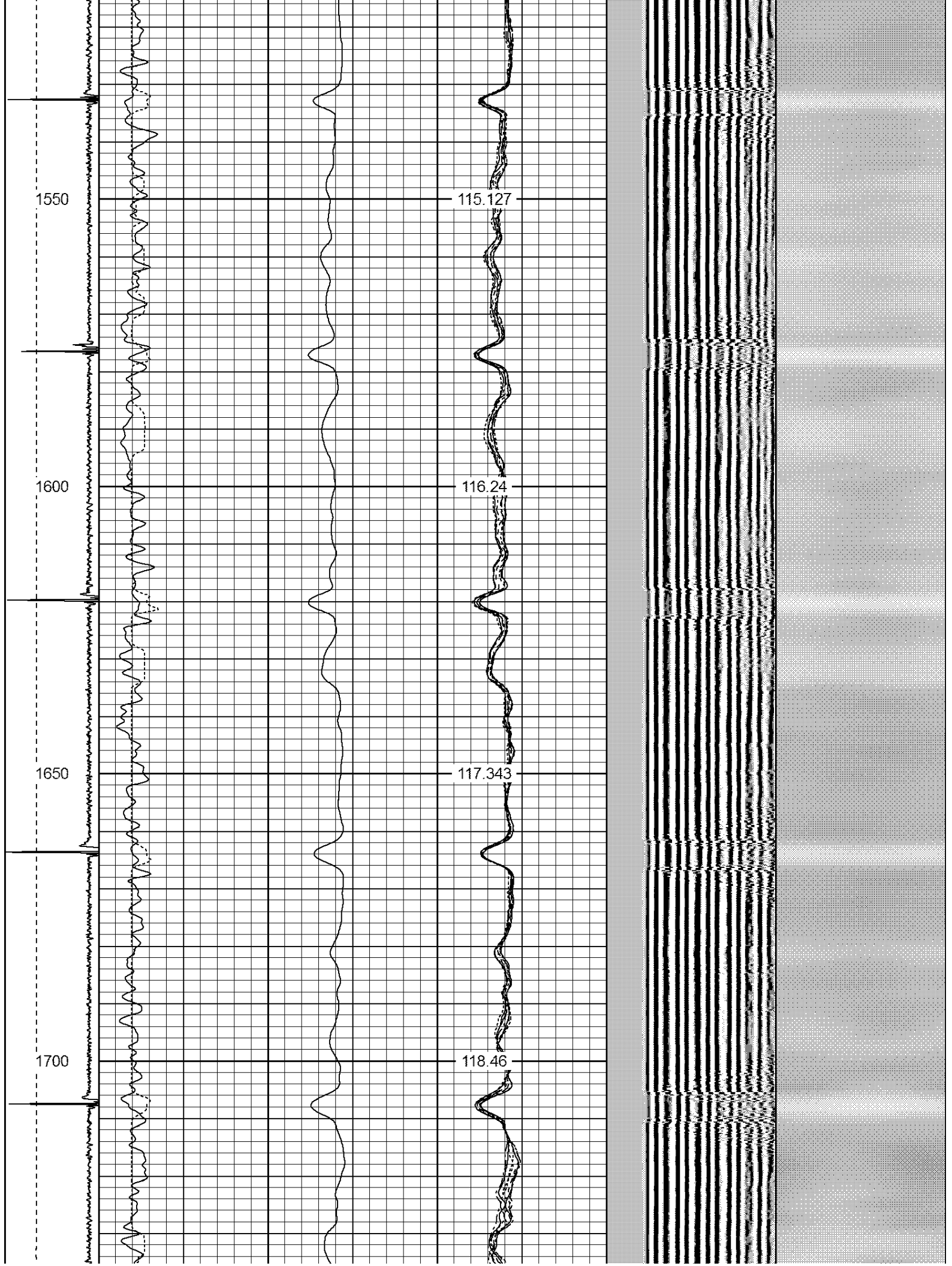


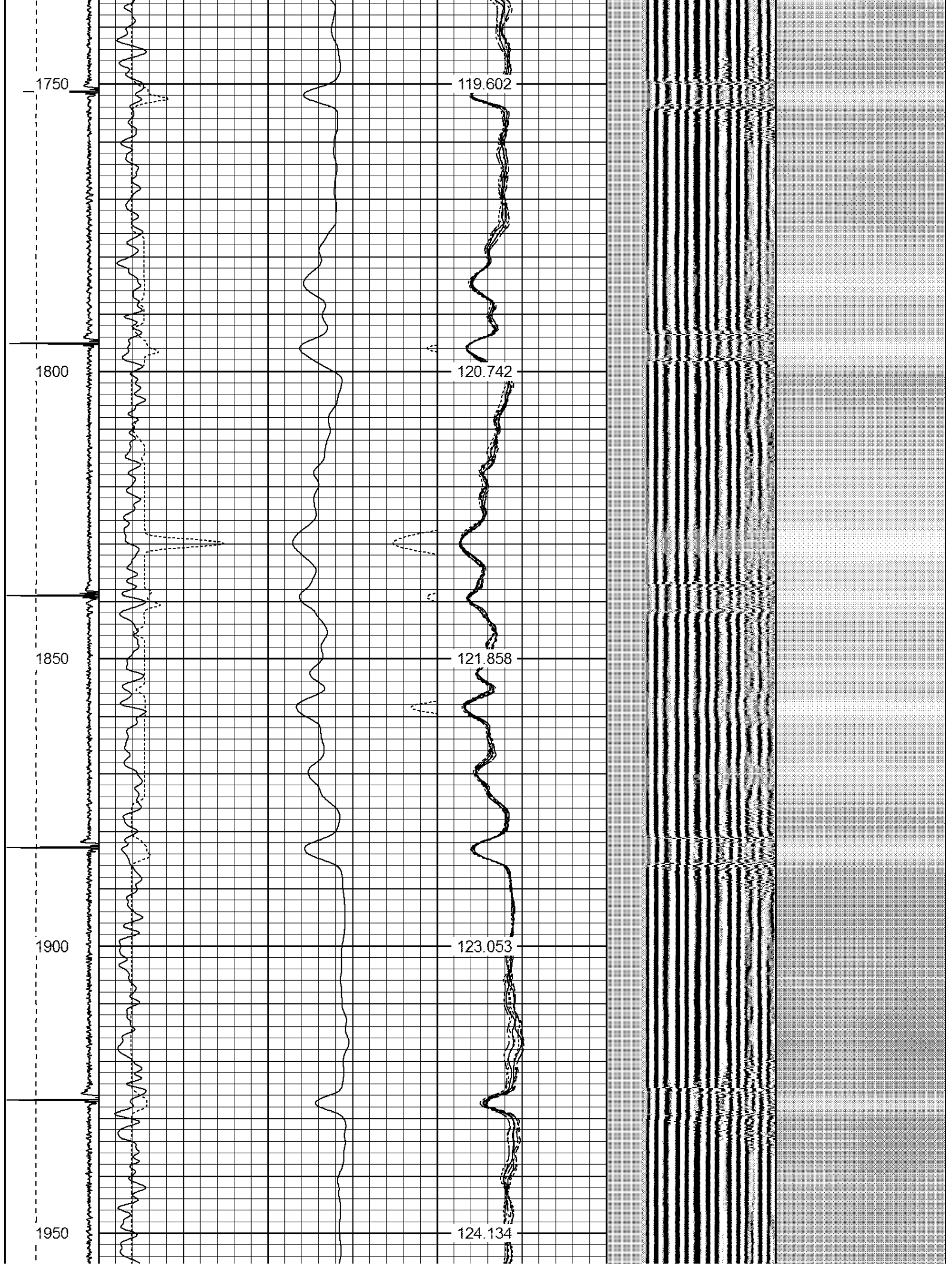


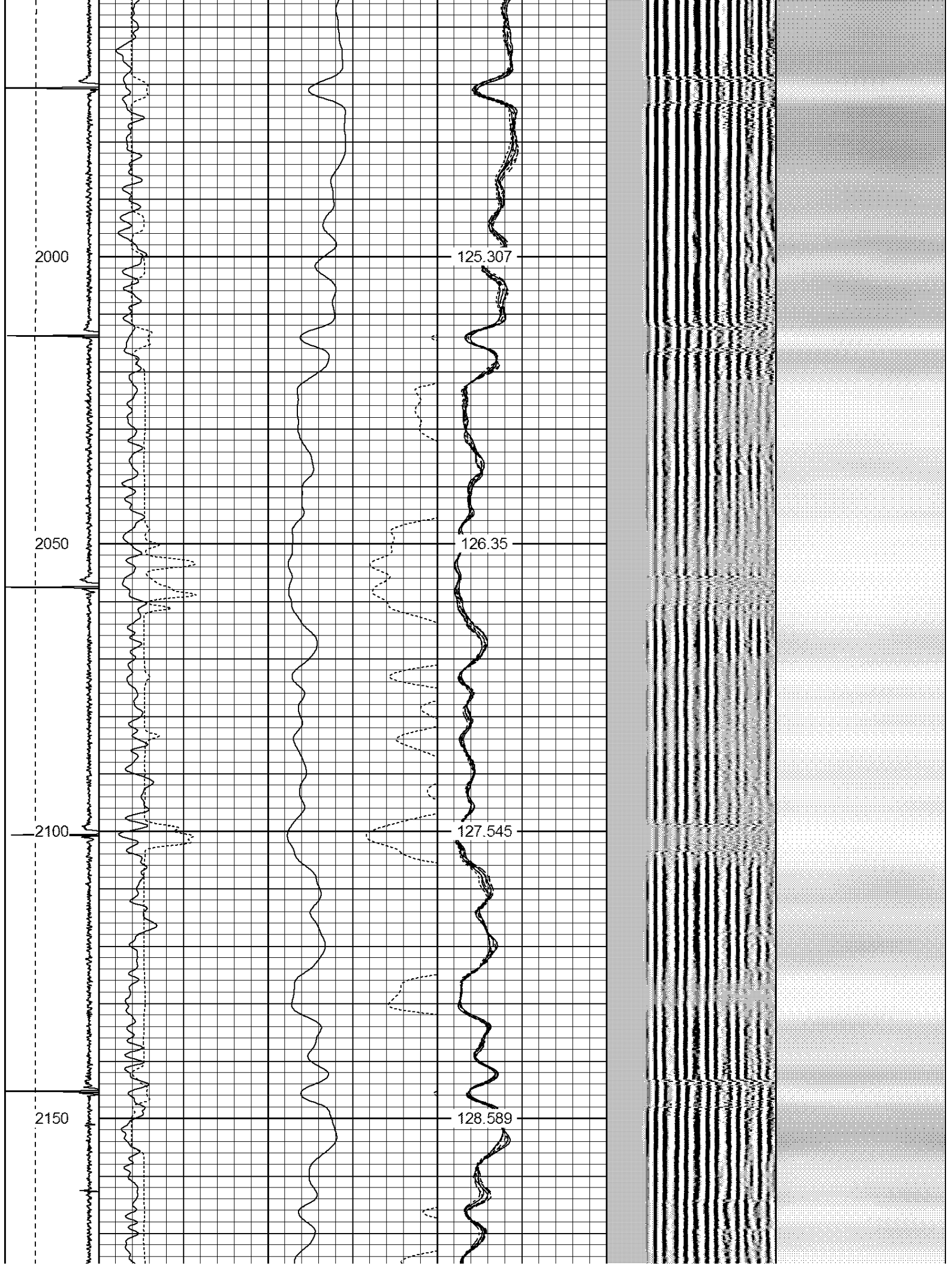




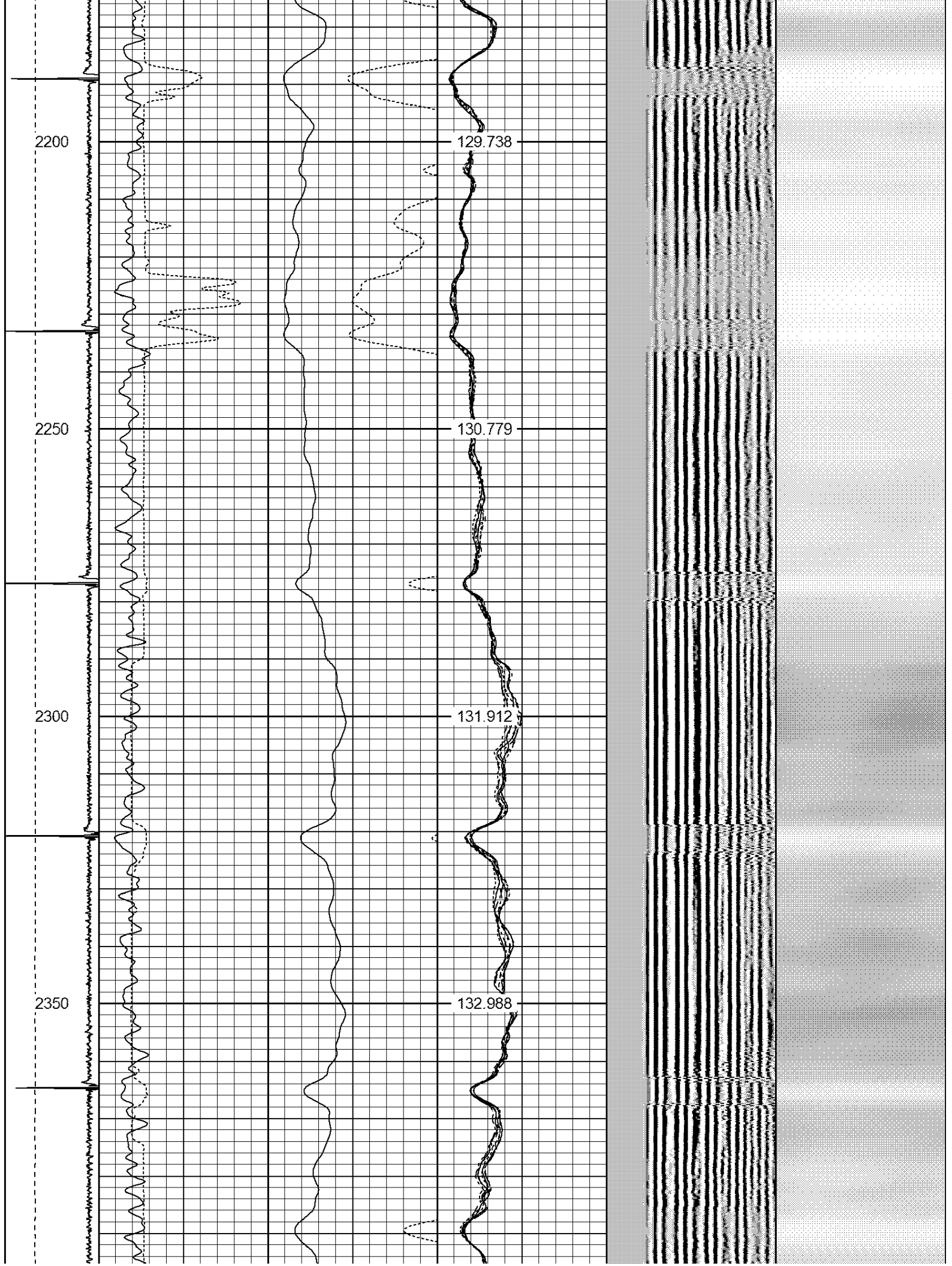




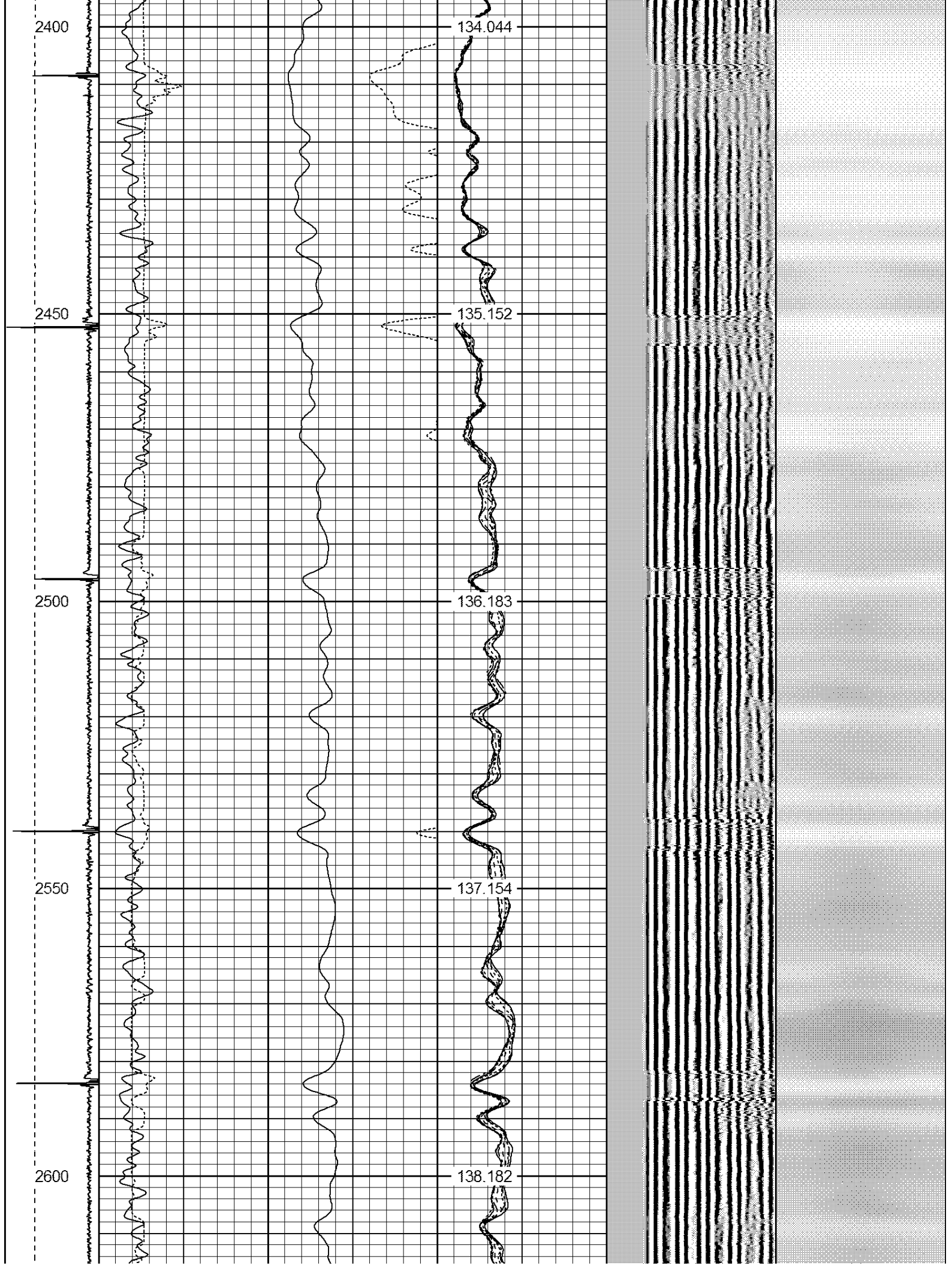


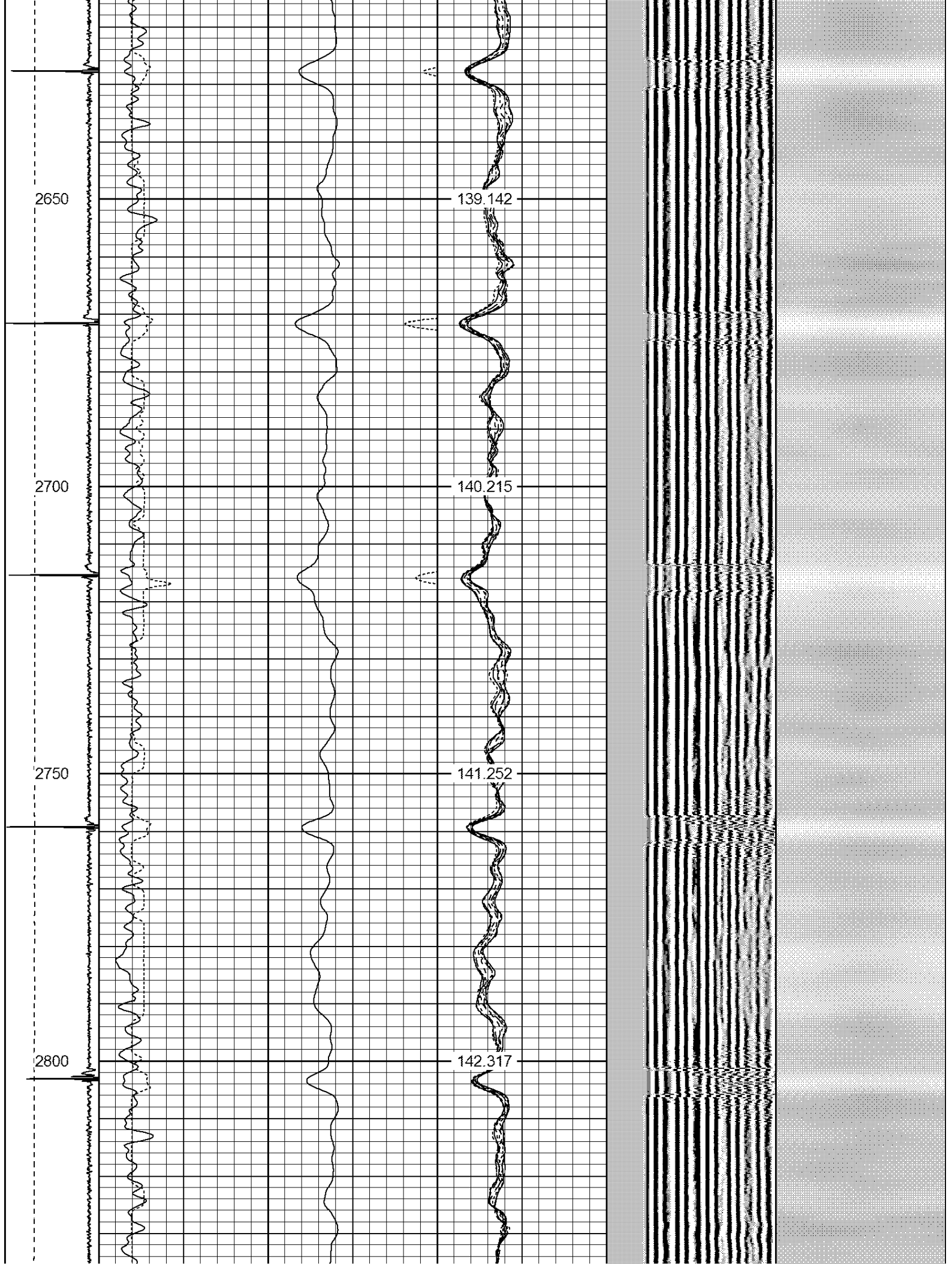


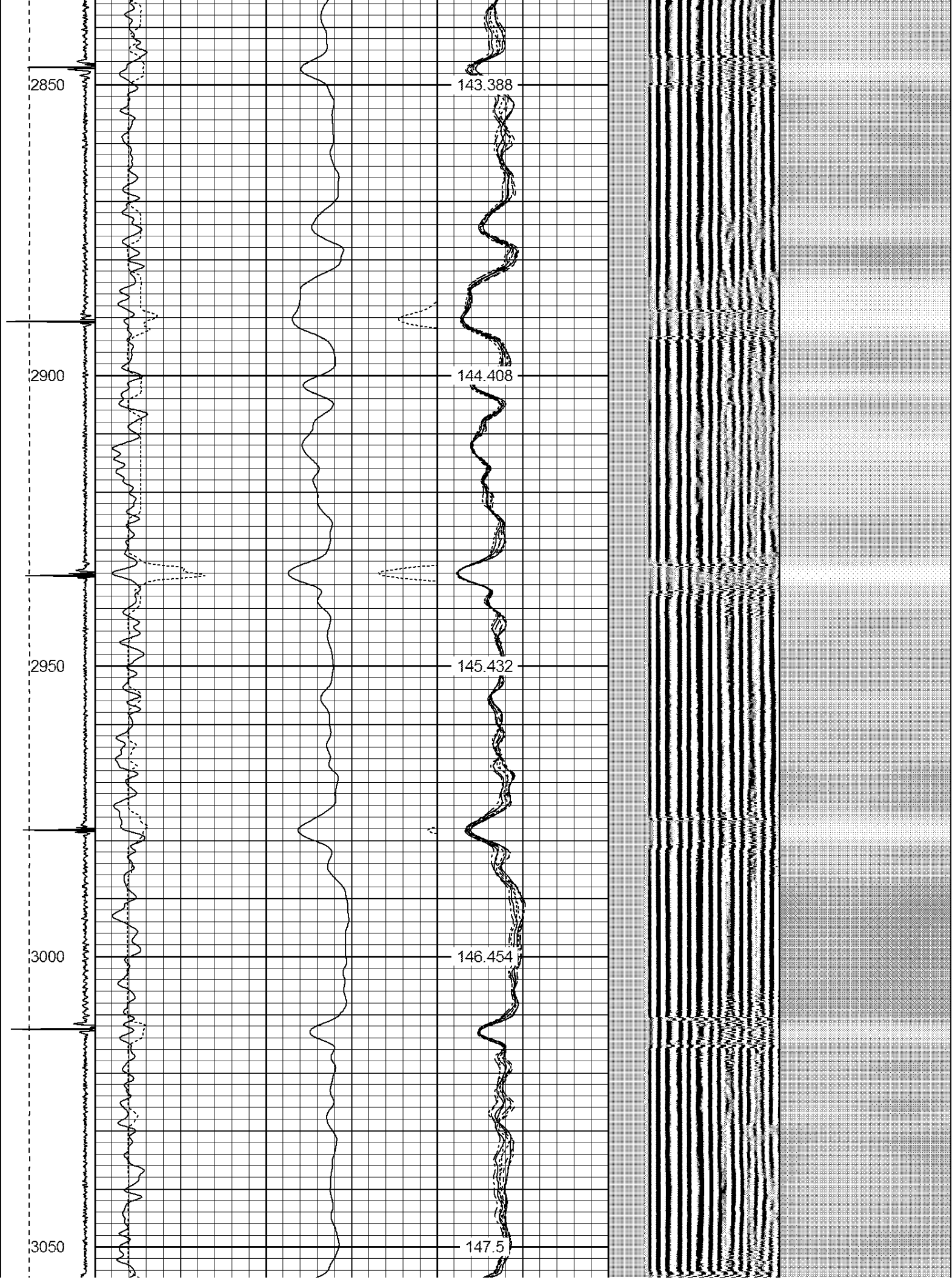


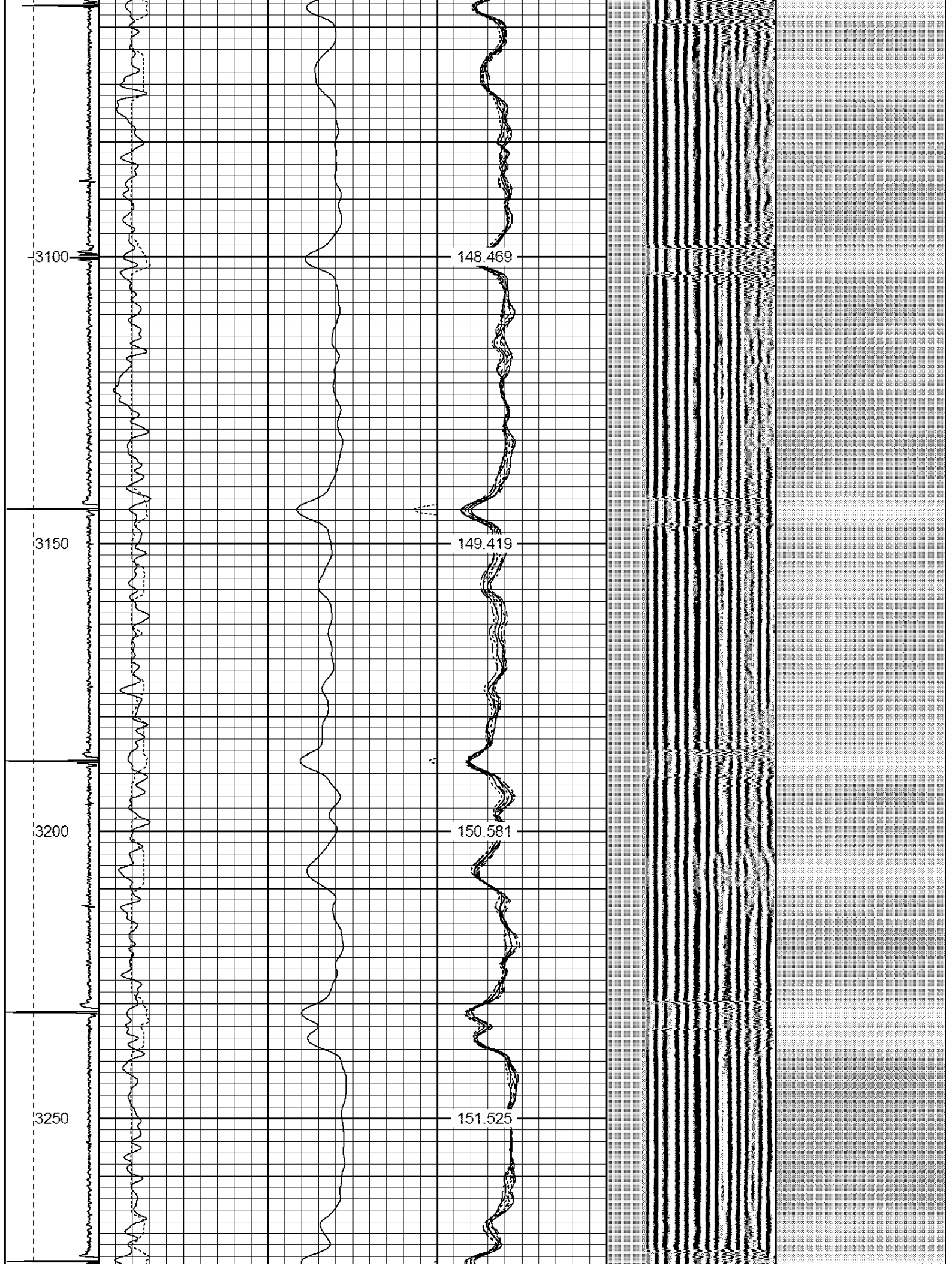




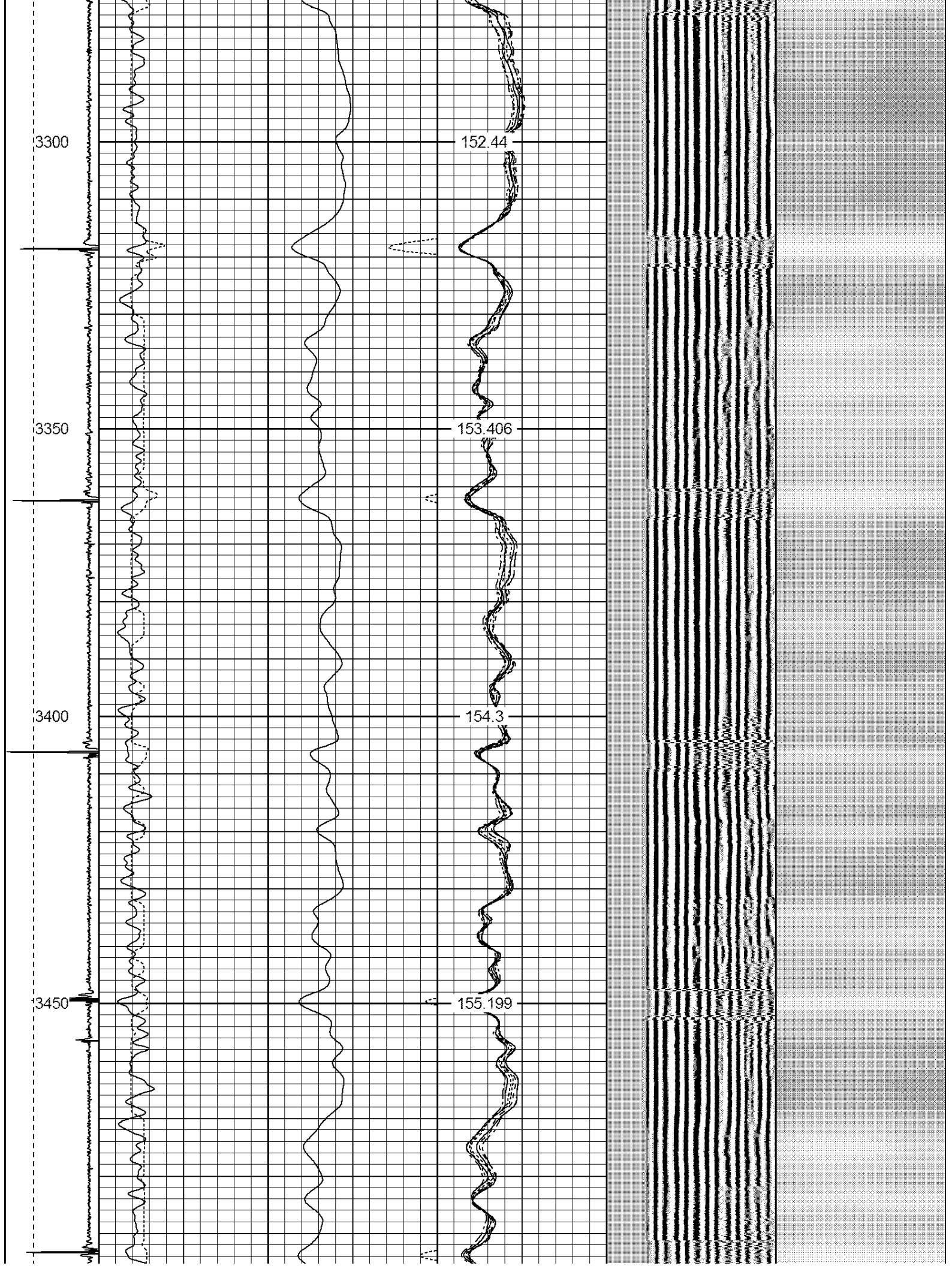




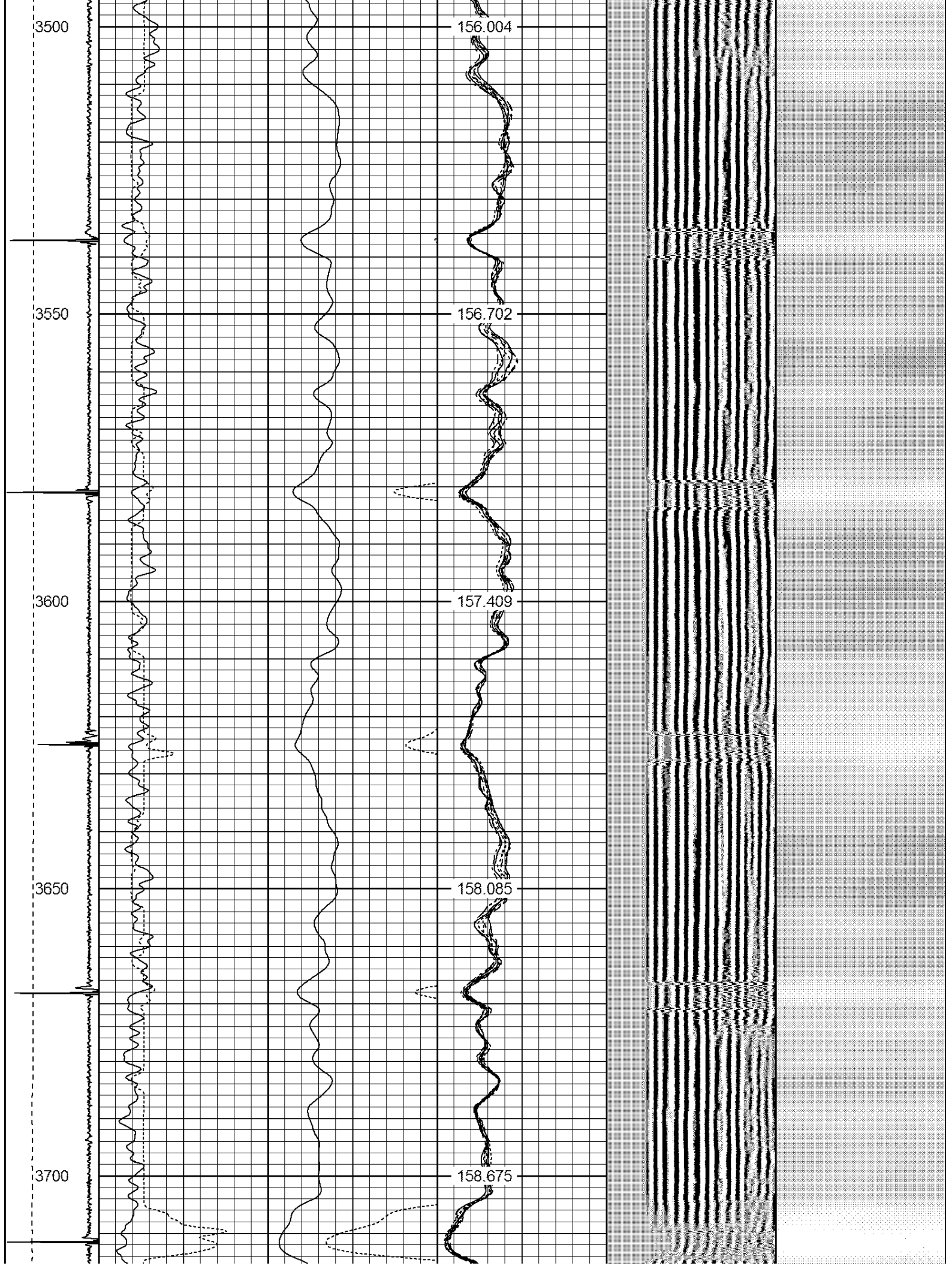












3750

159.273

3800

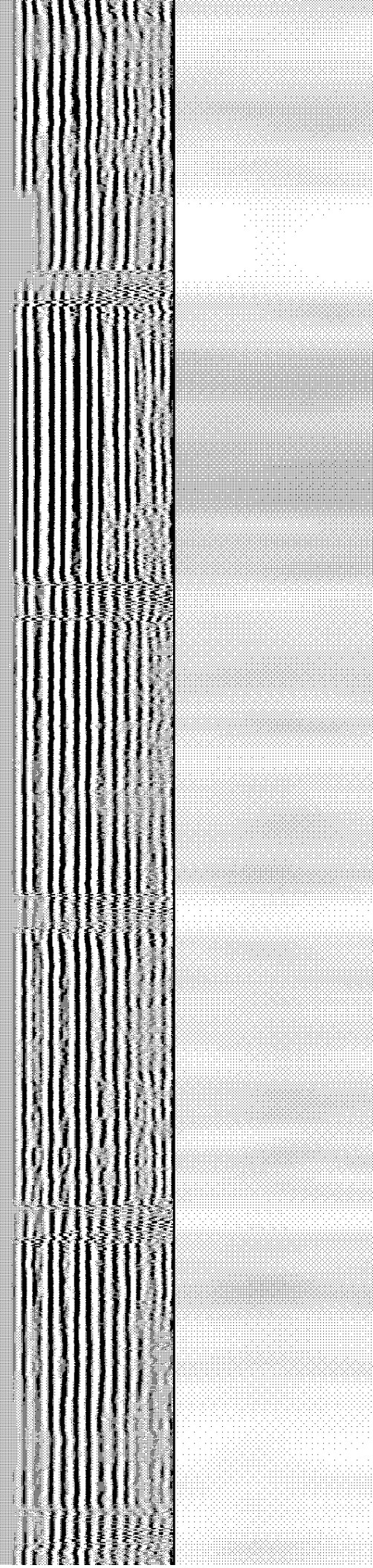
160.271

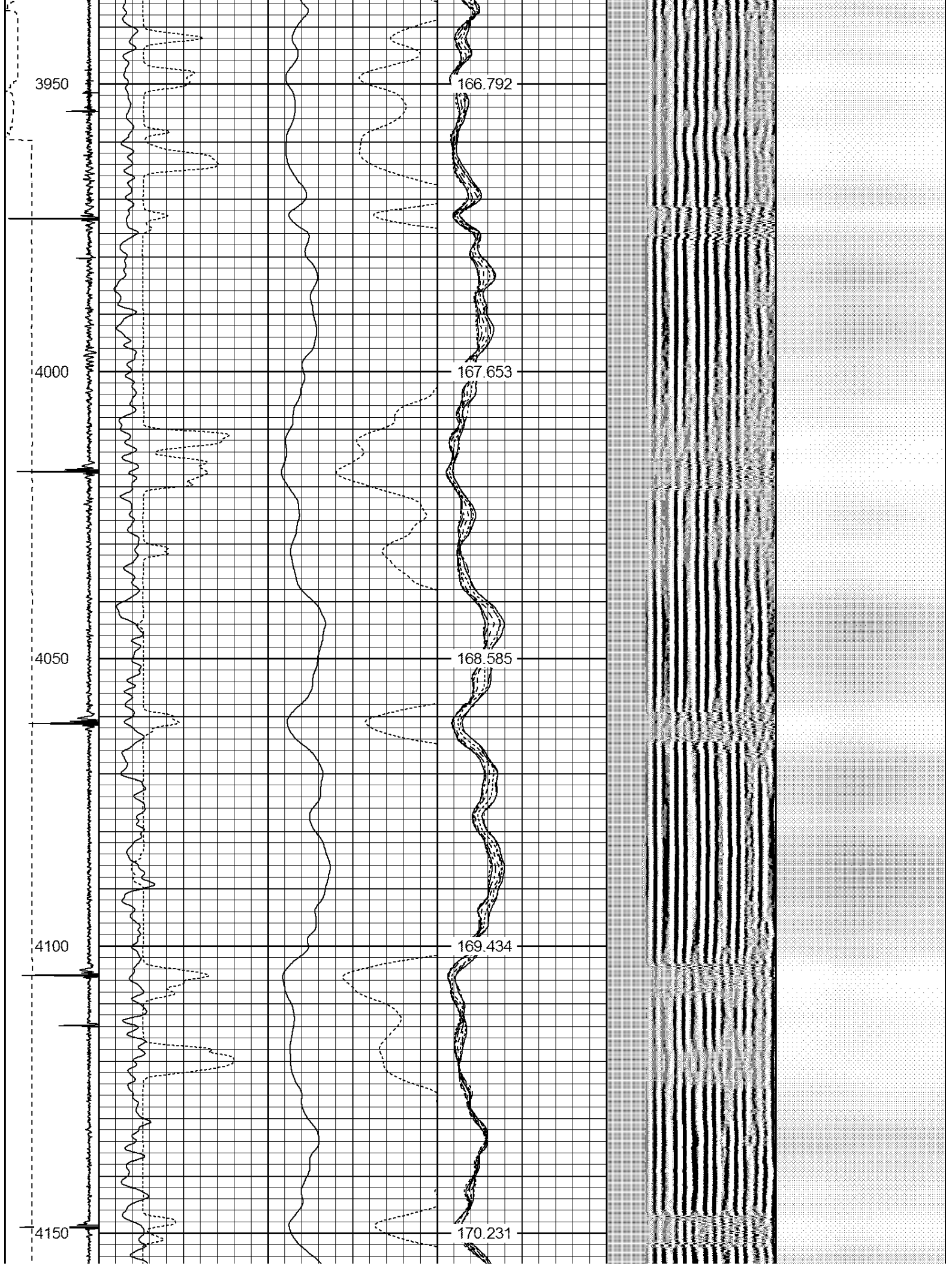
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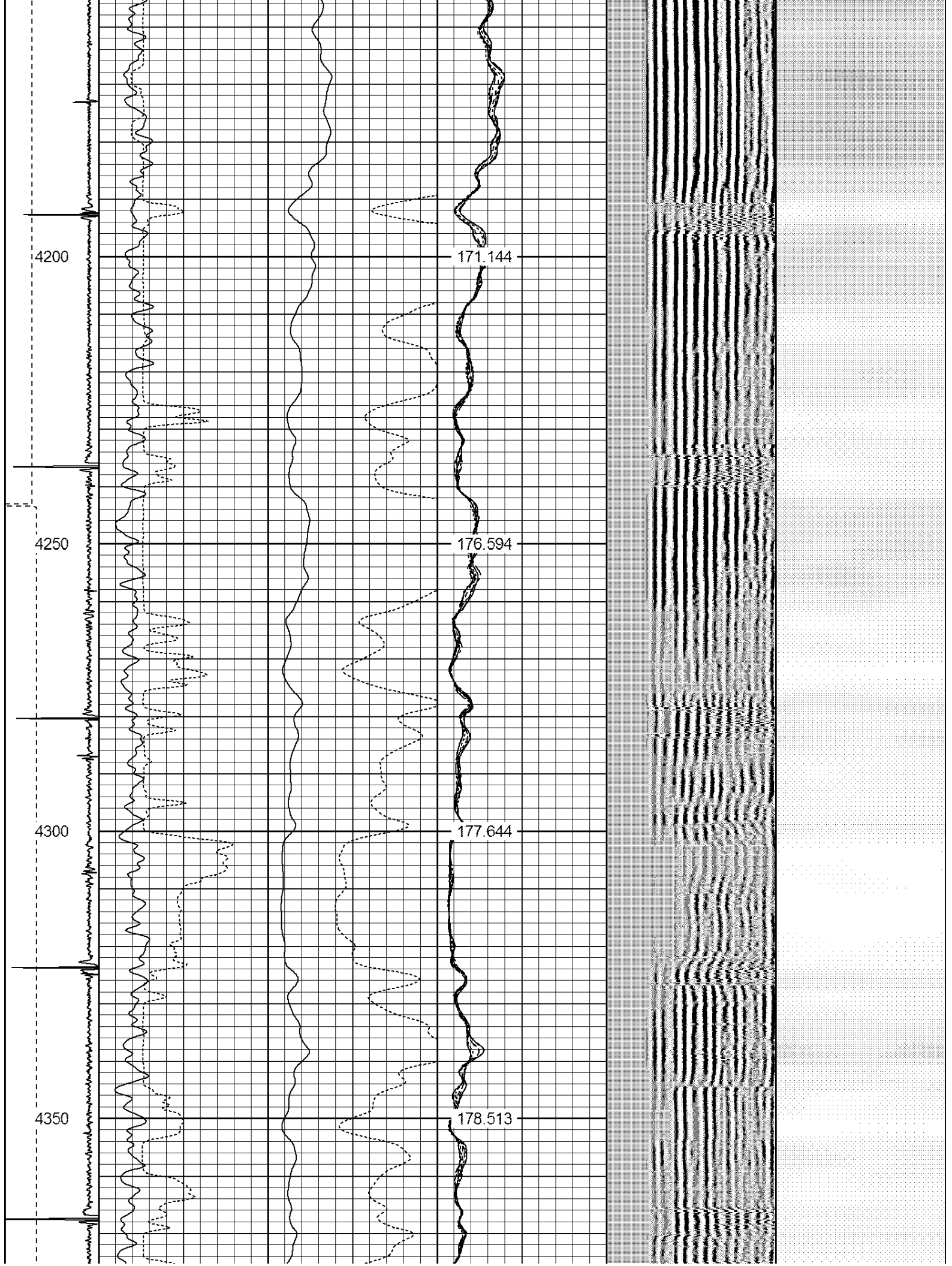
161.161

3900

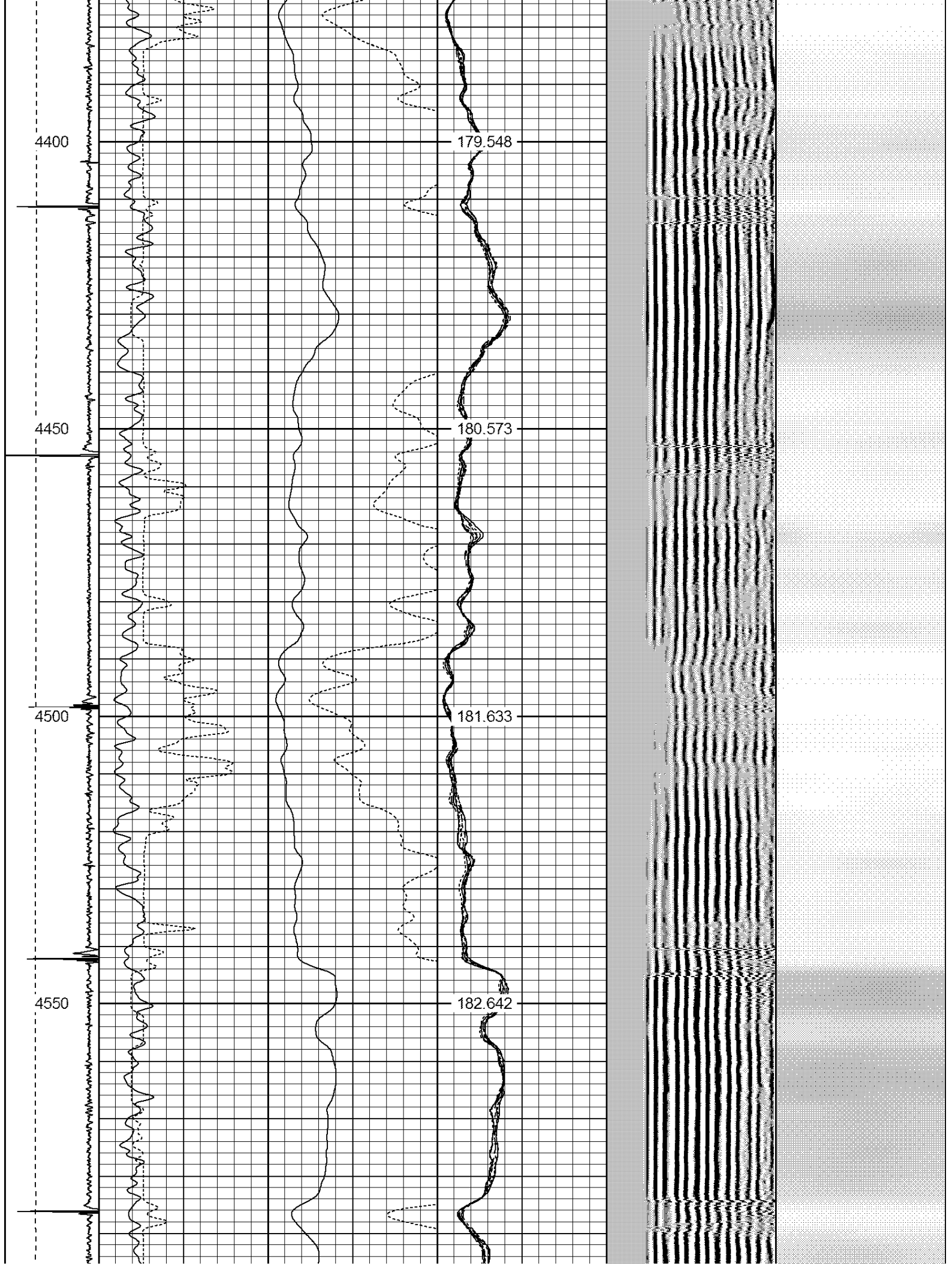
162.051



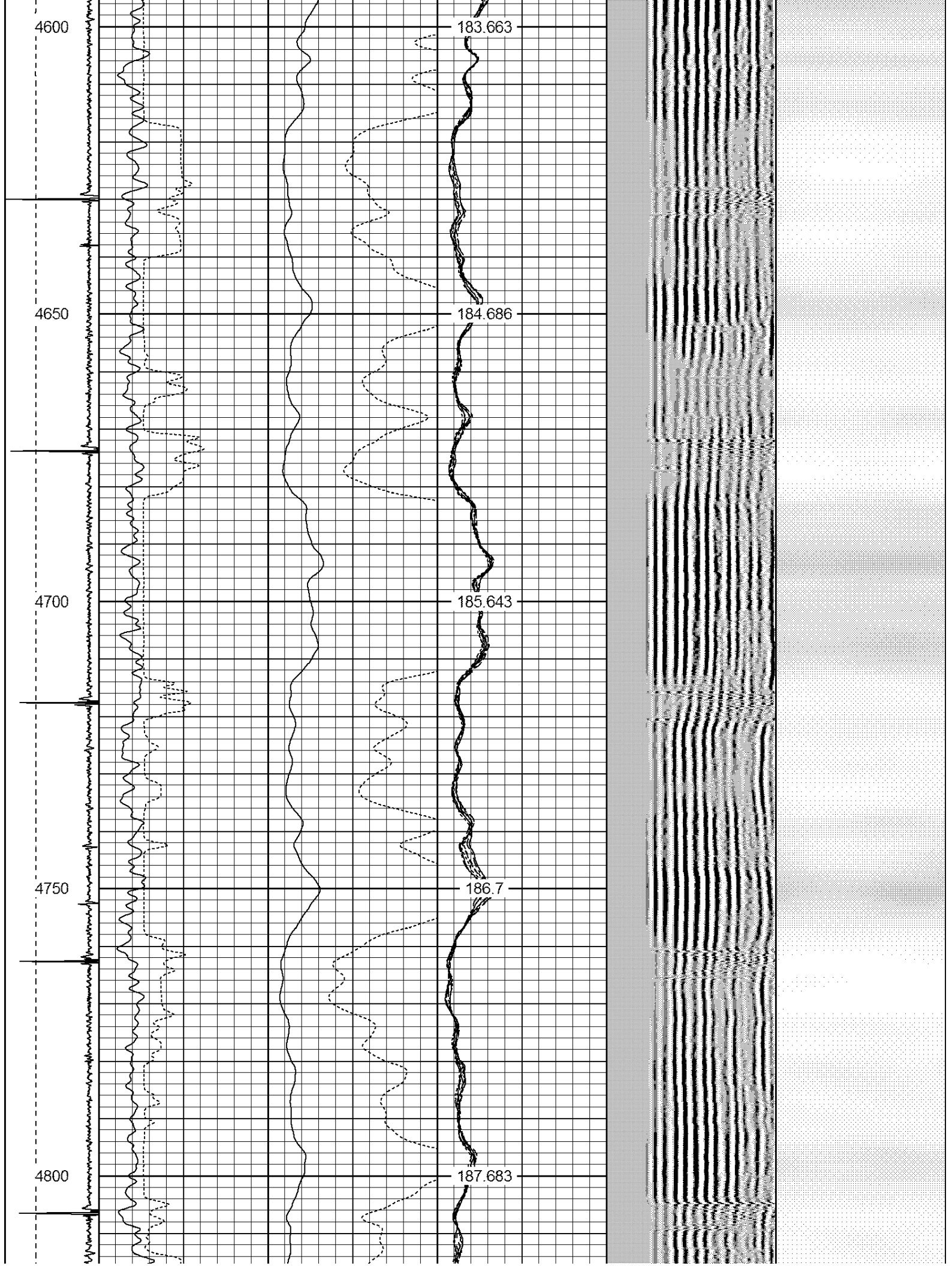


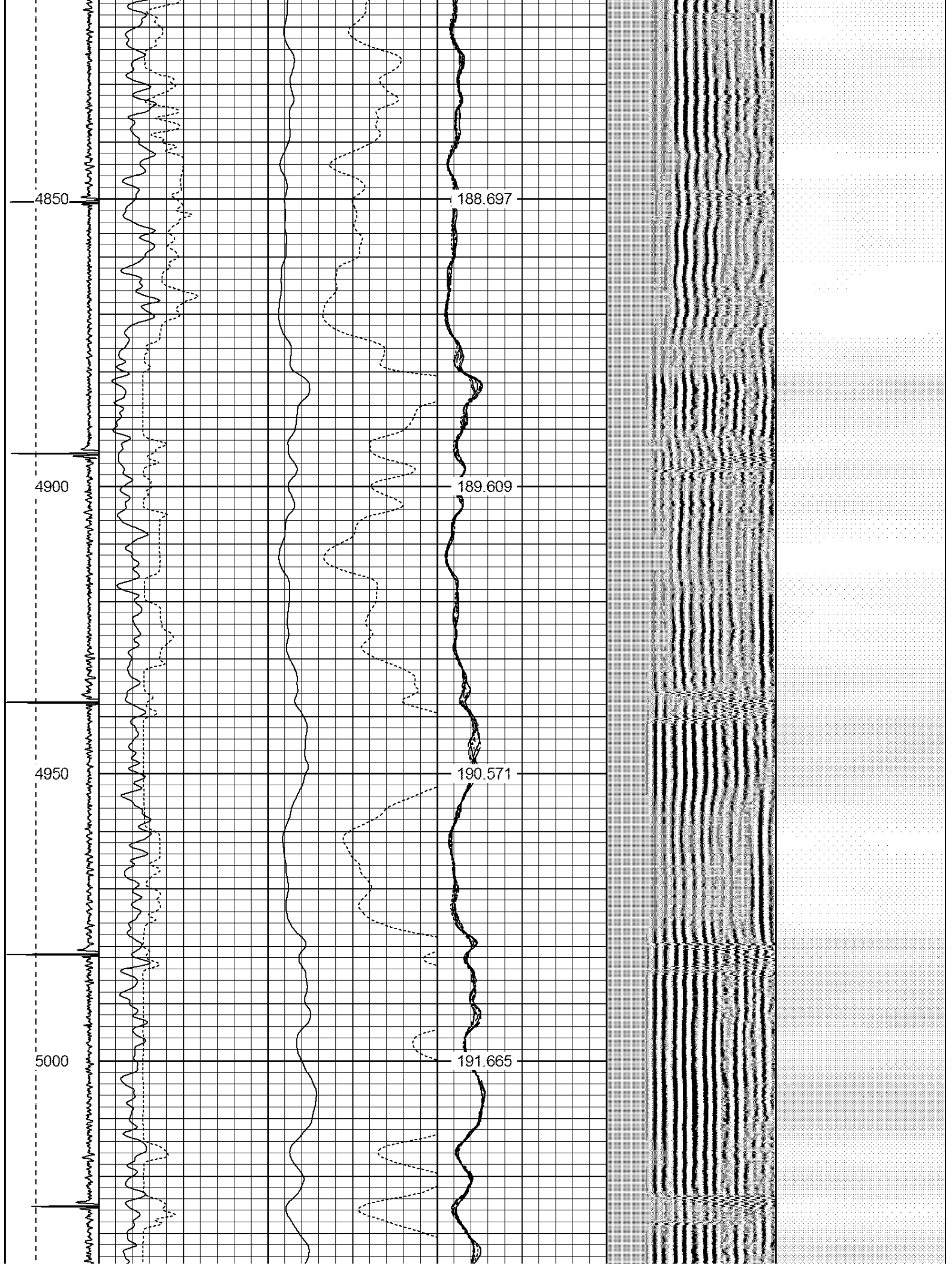


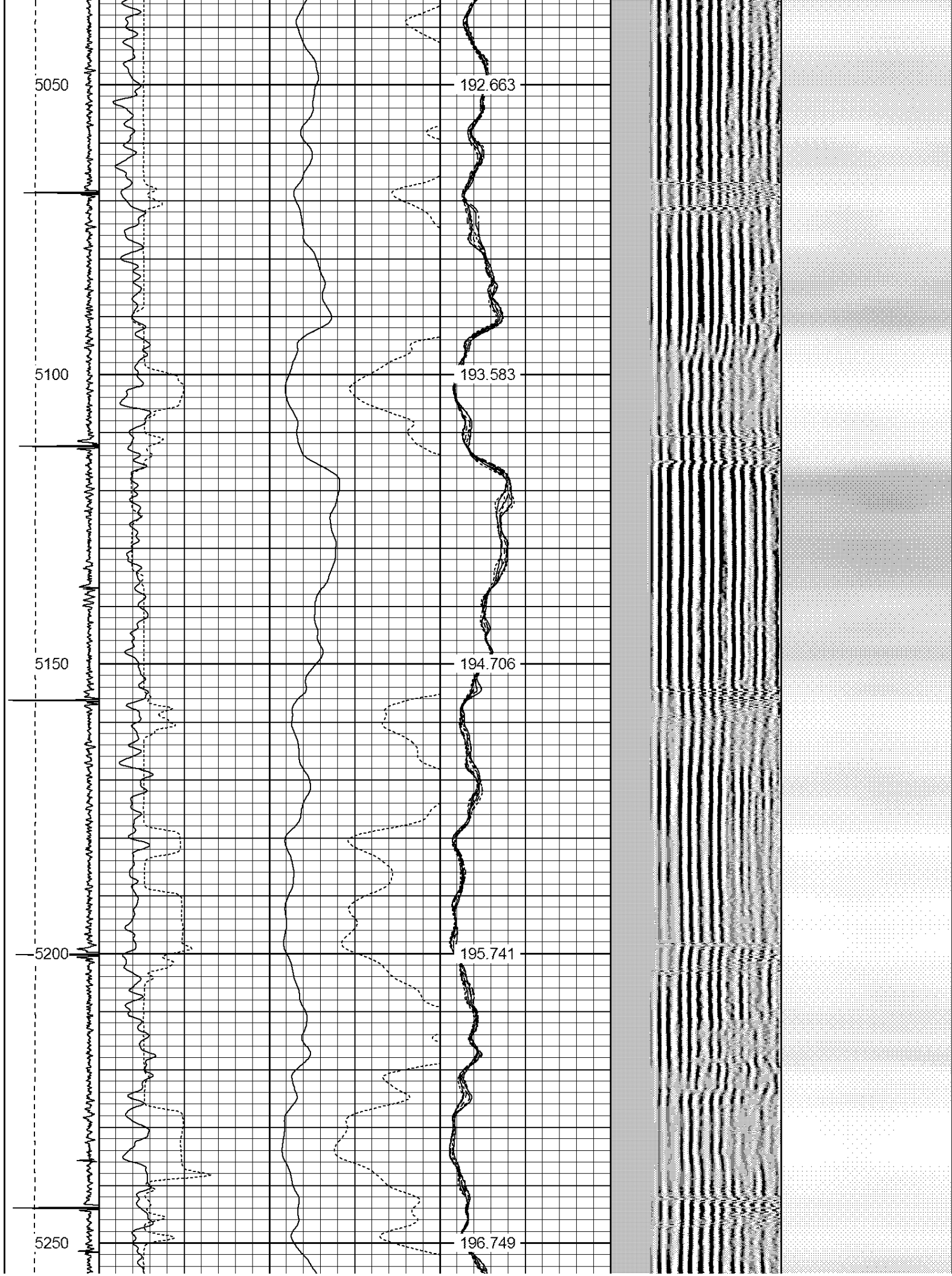


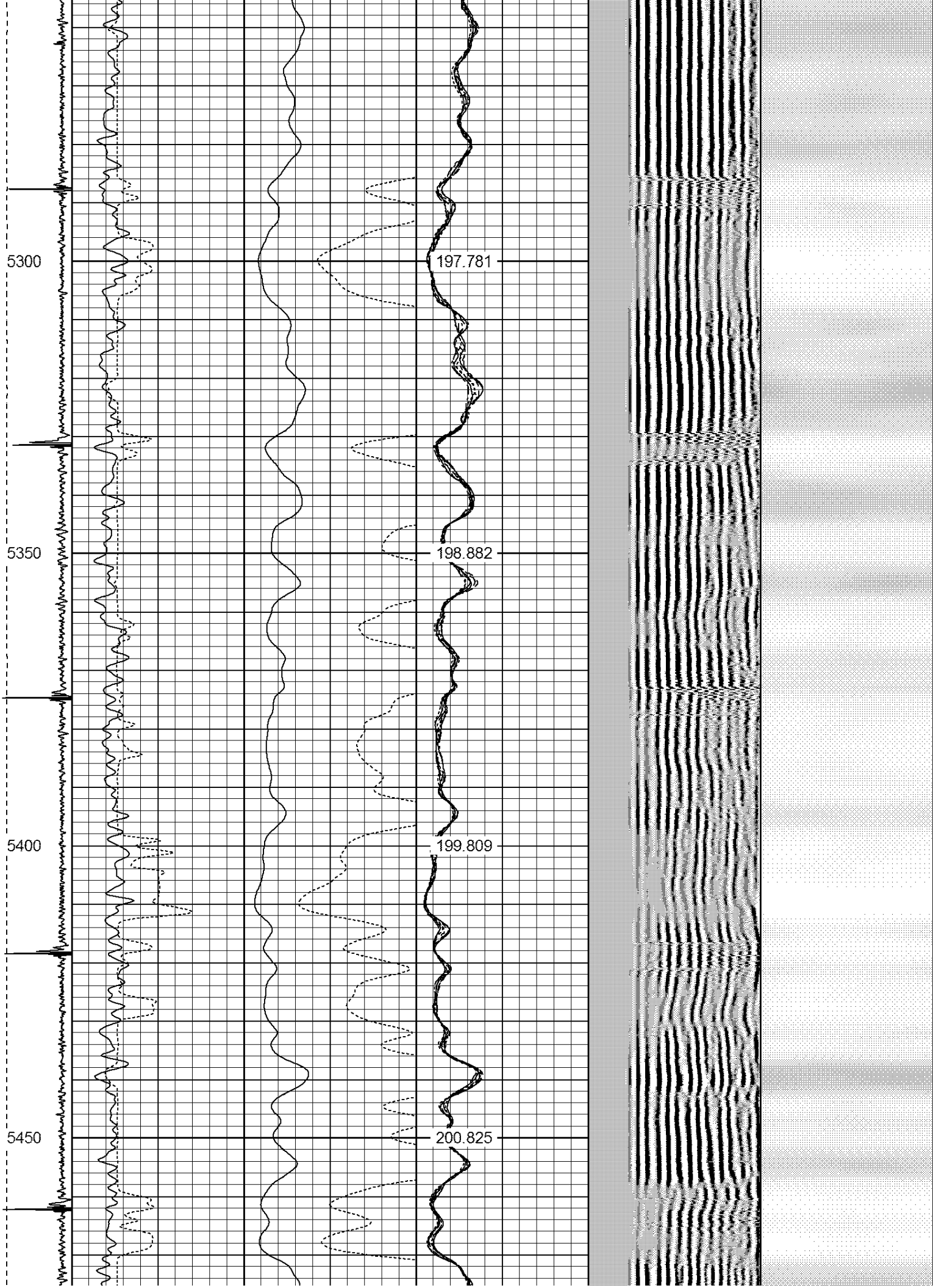


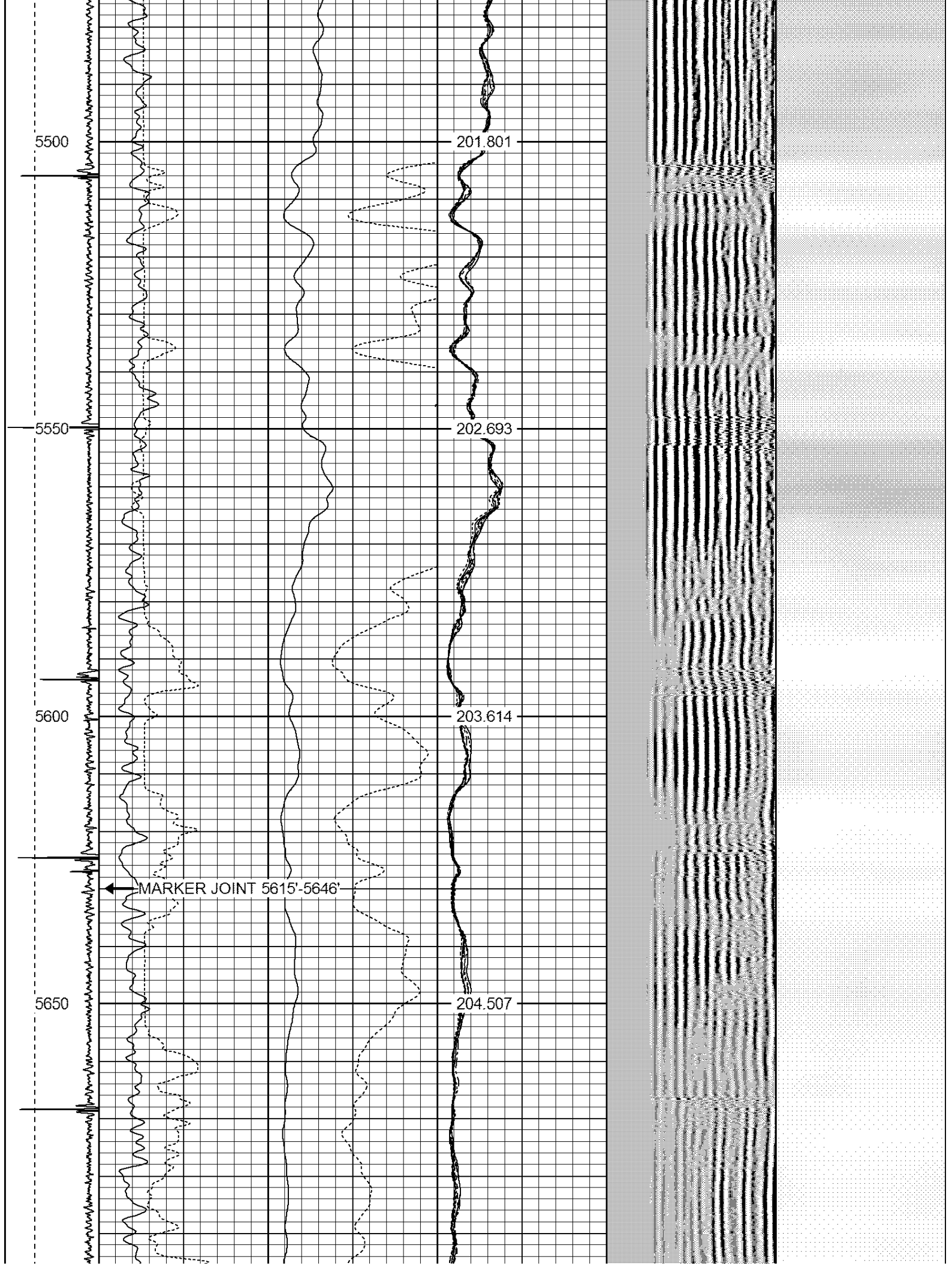




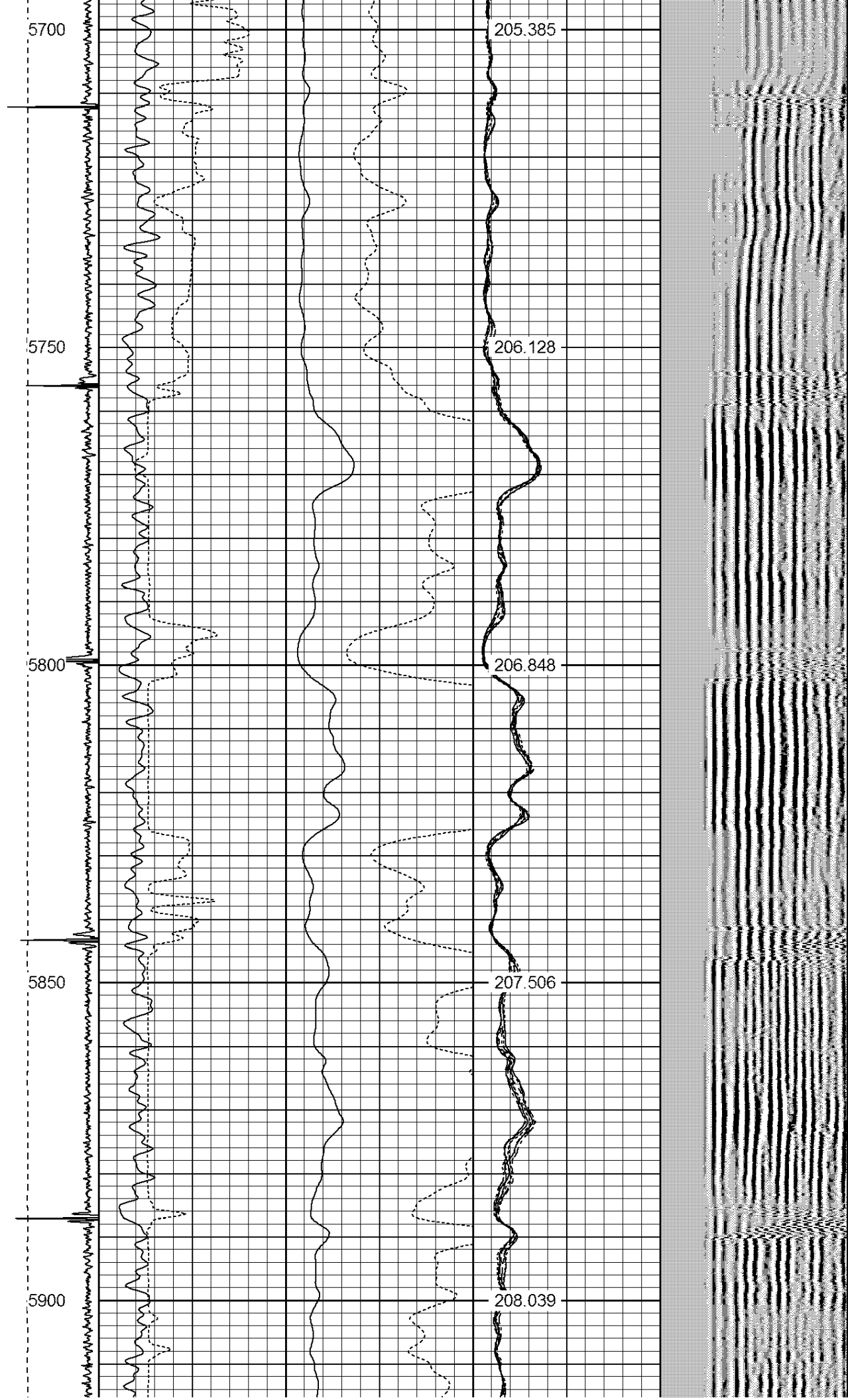


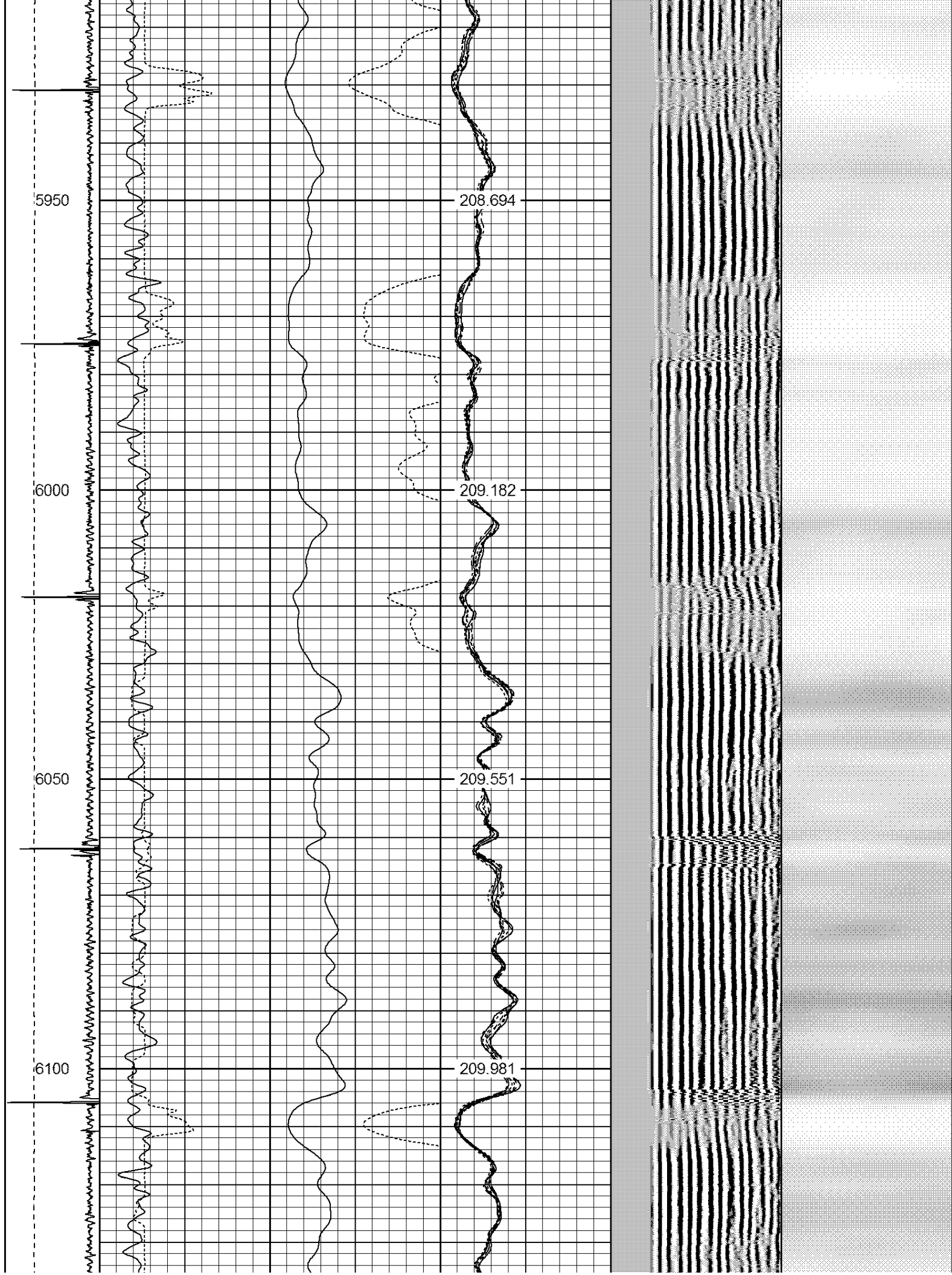


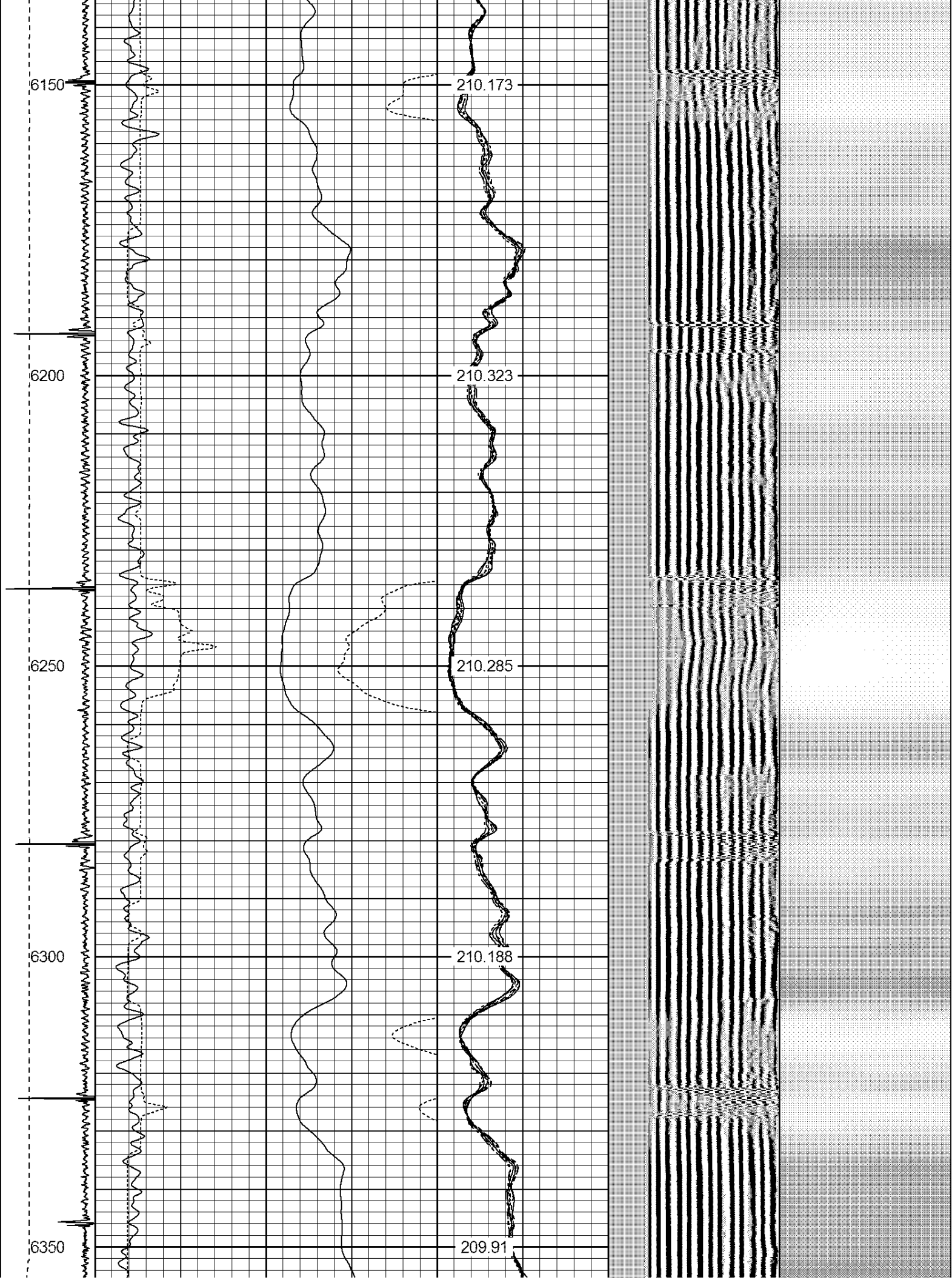


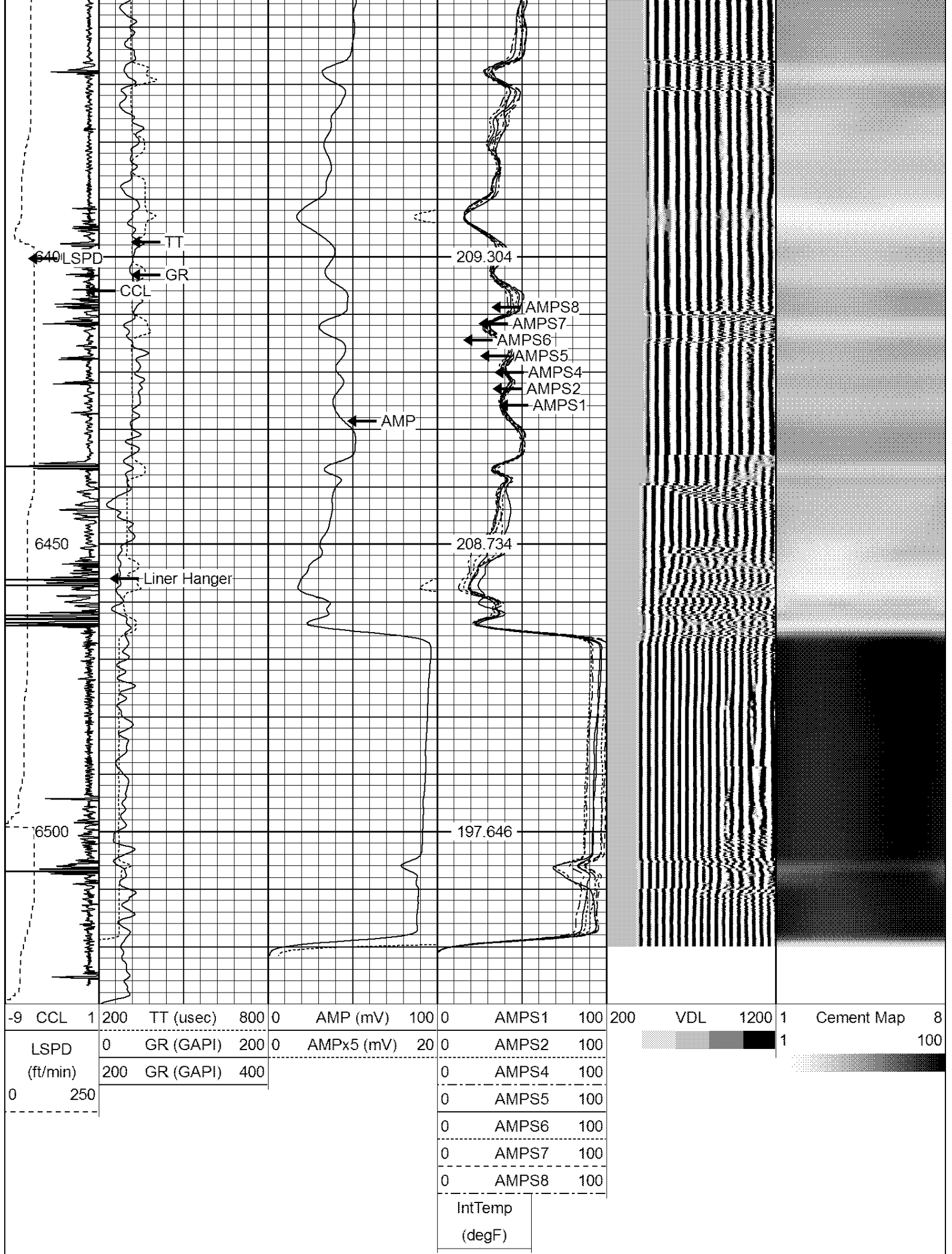




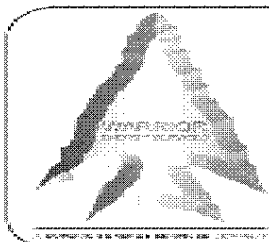












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