

Sonic Bond Log
Gamma-Ray
CCL

Company KERR-McGEE OIL & GAS ONSHORE LP
Well GEORGE W. STIEBER GU #1
Field WATTENBERG
County WELD
State COLORADO

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County WELD State COLORADO

Location: API # : 05-123-07935

NW/SE

SEC 24 TWP 1N RGE 67W

Permanent Datum GL
Log Measured From KB 10'
Drilling Measured From KB

Elevation
K.B. 4948'
D.F. 4947'
G.L. 4938'

Date 10-24-2014

Run Number ONE
Depth Driller 8190'
Depth Logger 7540'
Bottom Logged Interval 7537'
Top Log Interval Surface
Open Hole Size 7 7/8"
Type Fluid WATER
Density / Viscosity 1.0
Max. Recorded Temp. 215
Estimated Cement Top 300'
Time Well Ready N/A
Time Logger on Bottom N/A
Equipment Number 3812
Location GREELEY
Recorded By A.STEERMAN
Witnessed By L.MORALES

Borehole Record
Run Number Bit From To Size Weight From To

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8.63	24#	SURFACE	205
Prot. String				
Production String	4.5	10.5#	0	8139'
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

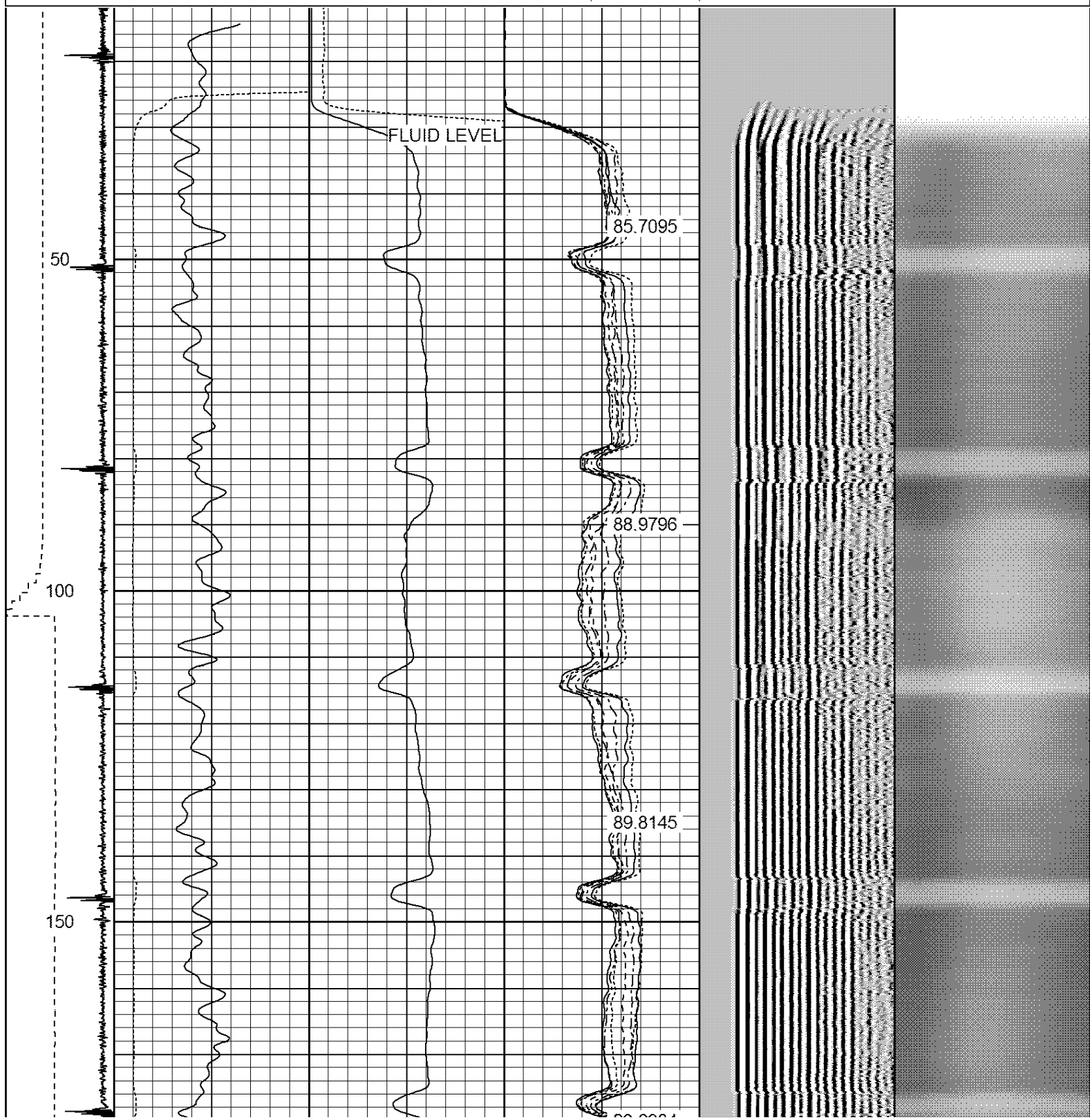
CORRELATED TO SCHLUMBERGER LOG 12-8-1995
LOGGED TO VERIFY CEMENT

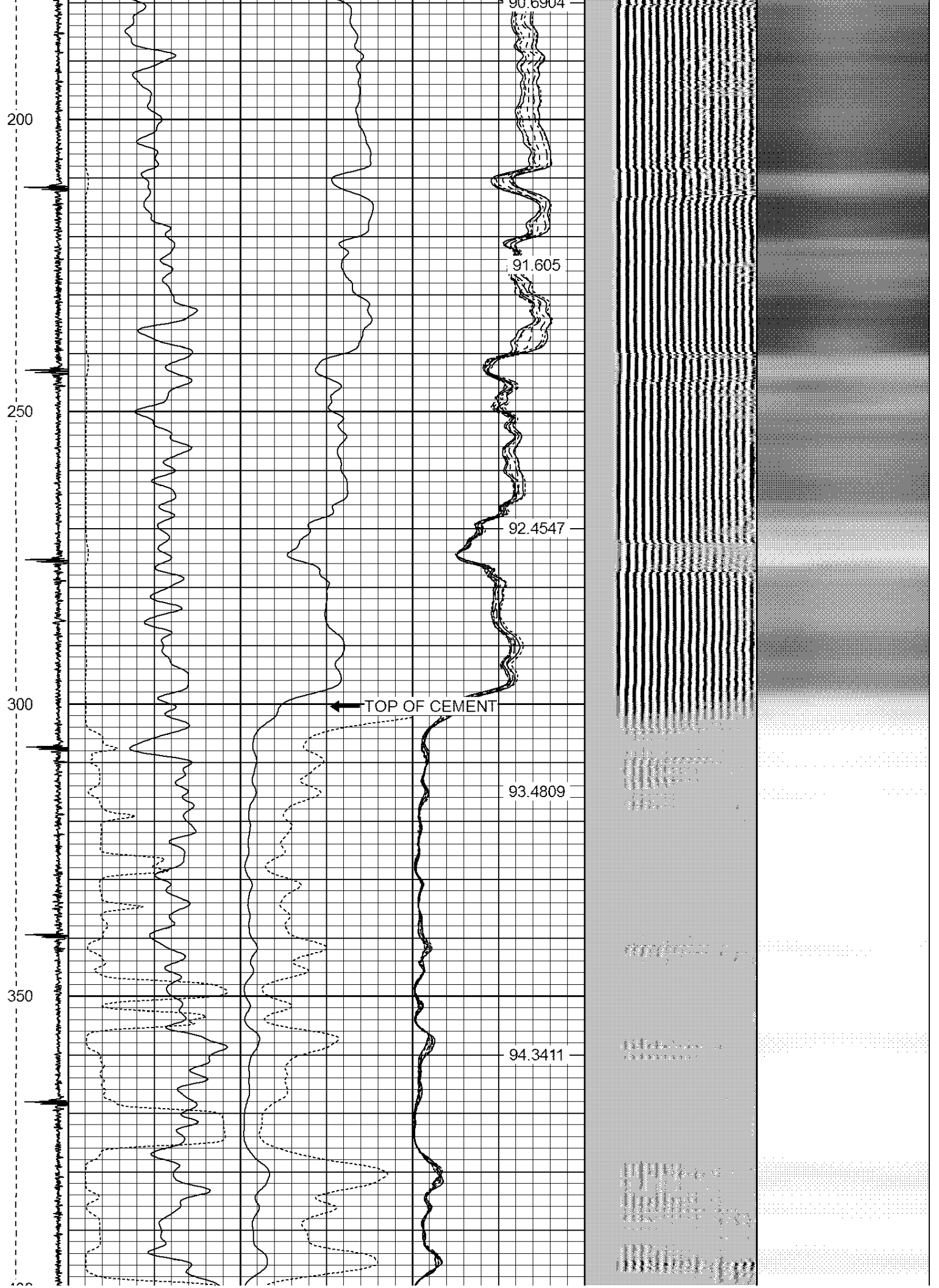
THANK YOU FOR USING WARRIOR.

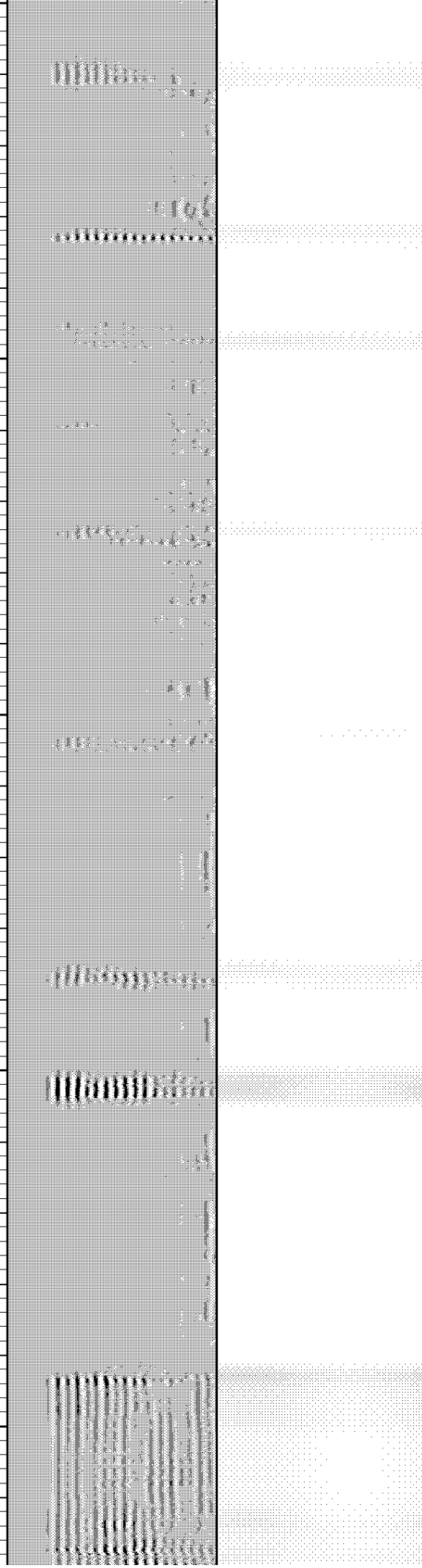
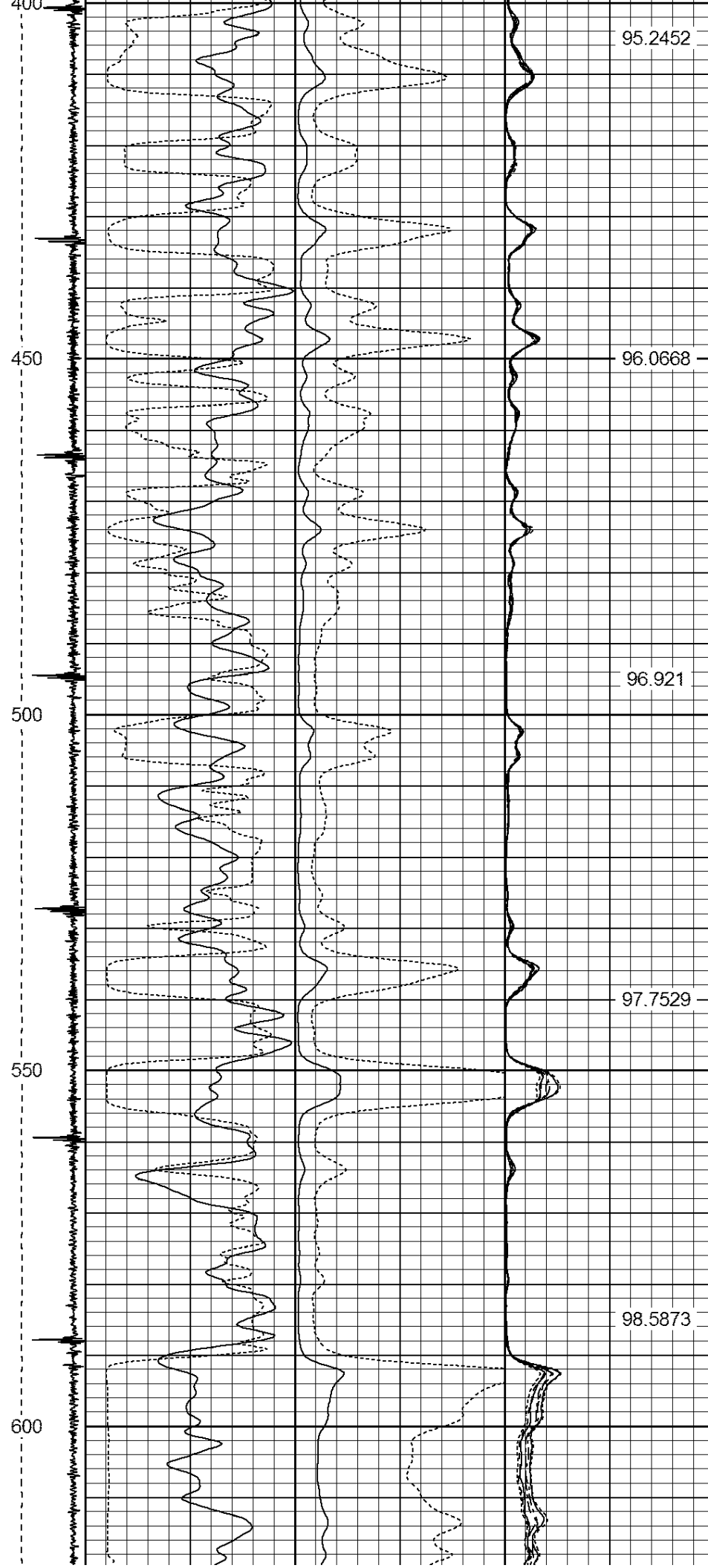
Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
CENT	19.08					

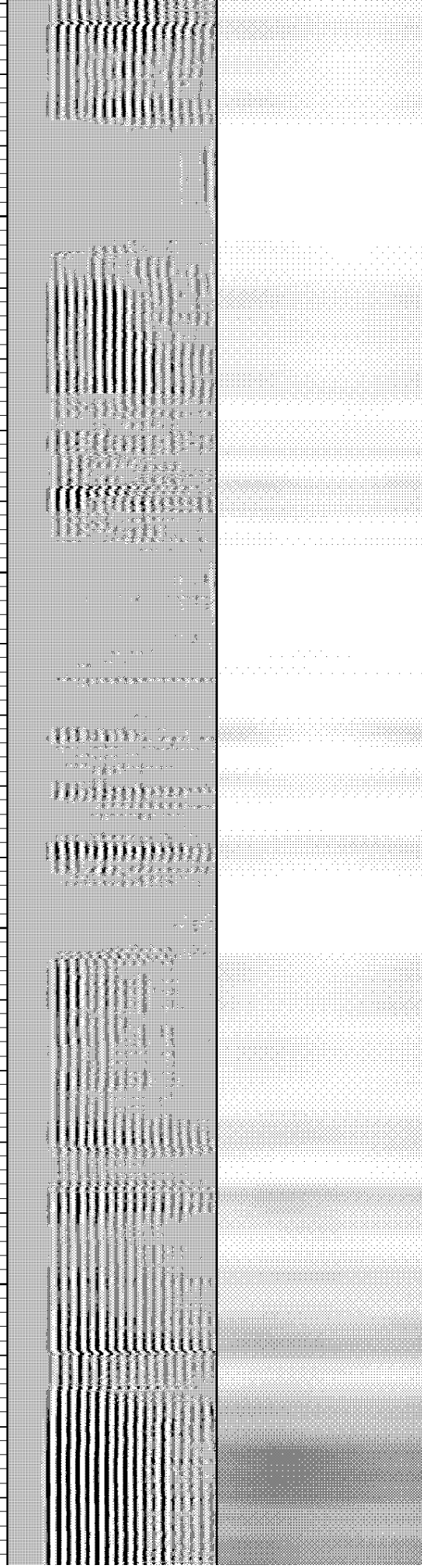
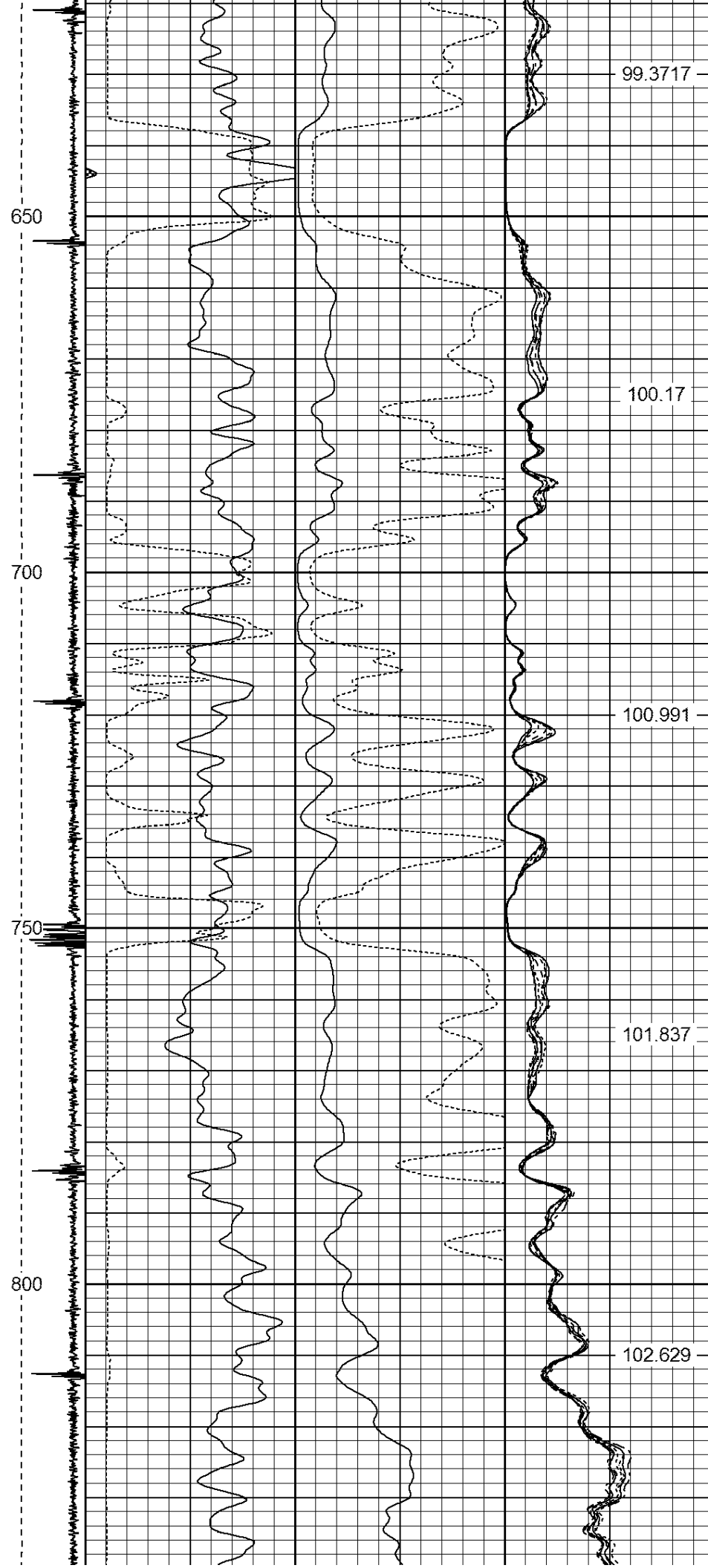
			PTS275	2.83	2.75	
HEADVOLT	16.25					
RBT	16.25					
IntTemp	14.83					
WVF3FT	11.58		RBT-Probe (Base)	8.92	2.75	90.00
WVFCAL	11.58		Probe Radii Bond Tool with Digital Telemetry			
WVFS1	11.58					
WVFS2	11.58					
WVFS3	11.58					
WVFS4	11.58					
WVFS5	11.58					
WVFS6	11.58					
WVFS7	11.58					
WVFS8	11.58					
WVF5FT	10.58					
CNLSC	6.00		CNT-Probe_B (275)	3.00	2.75	40.00
CNSSC	5.17		6 bow centralizer			
GR	4.33					
CCL	3.64					
			GR-Probe (275)	4.33	2.75	30.00
			Probe 2.75"			
GR	0.90					
Dataset: george stieber unit 1.db: field/well/run1/pass3 Total Length: 19.08 ft Total Weight: 160.00 lb O.D. 2.75 in						

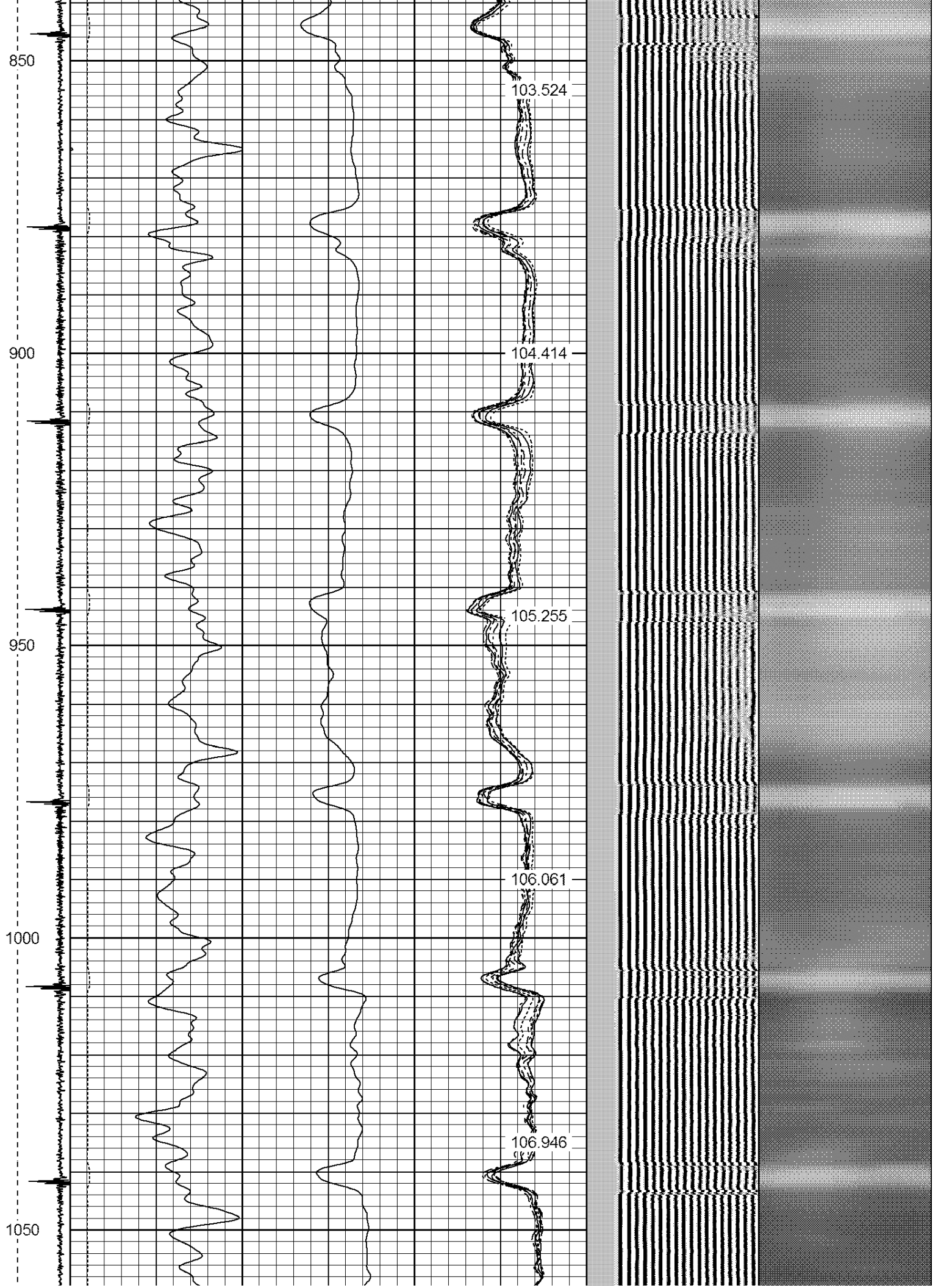
-9	CCL	1	200	TT (usec)	800	0	AMP (mV)	100	0	AMPS1	100	200	VDL	1200	1	Cement Map	8
LSPD			0	GR (cps)	200	0	AMPx5 (mV)	20	0	AMPS2	100				1		100
(ft/min)			200	GR (cps)	400				0	AMPS4	100						
0		250							0	AMPS5	100						
									0	AMPS6	100						
									0	AMPS7	100						
									0	AMPS8	100				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

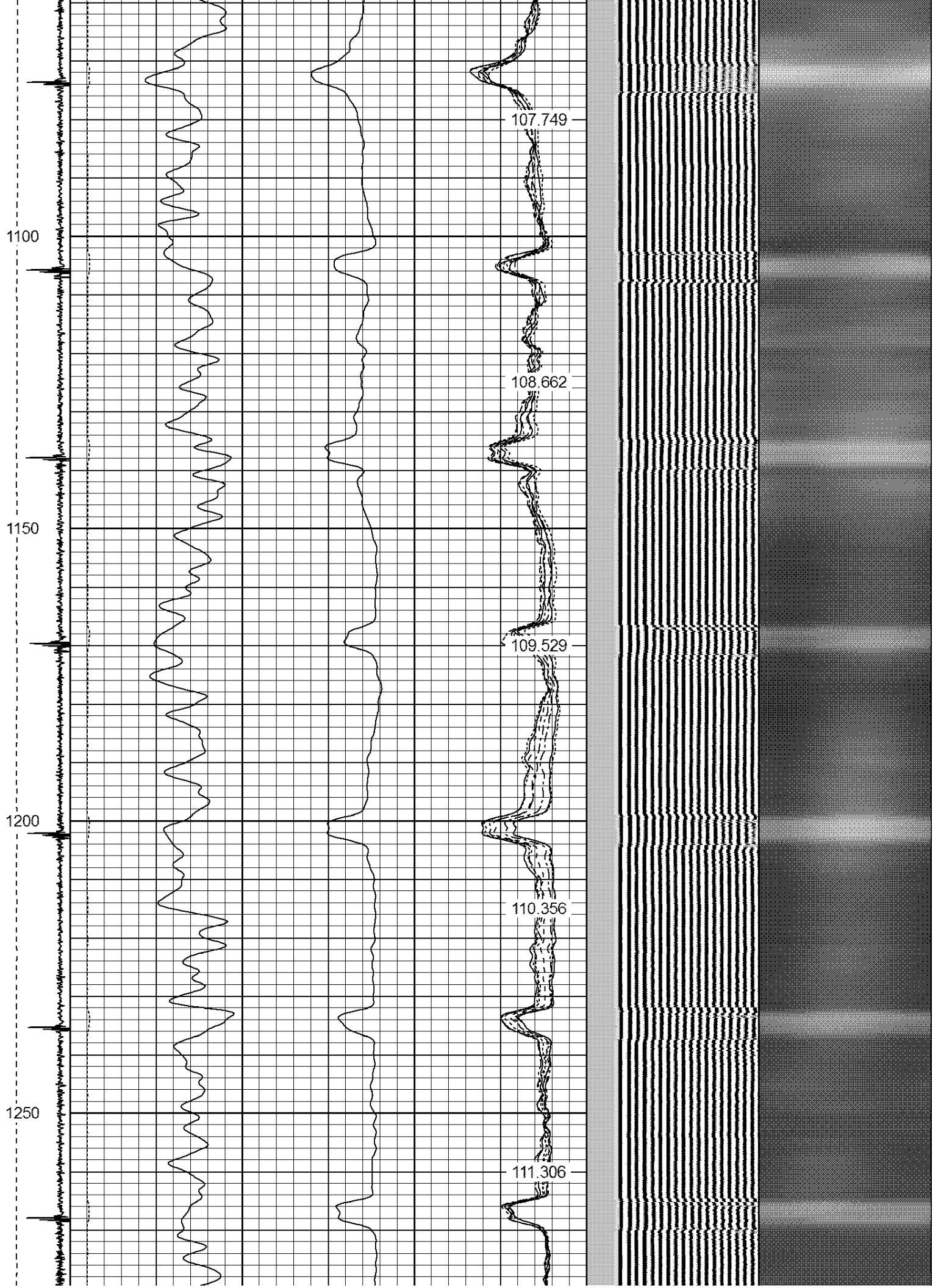


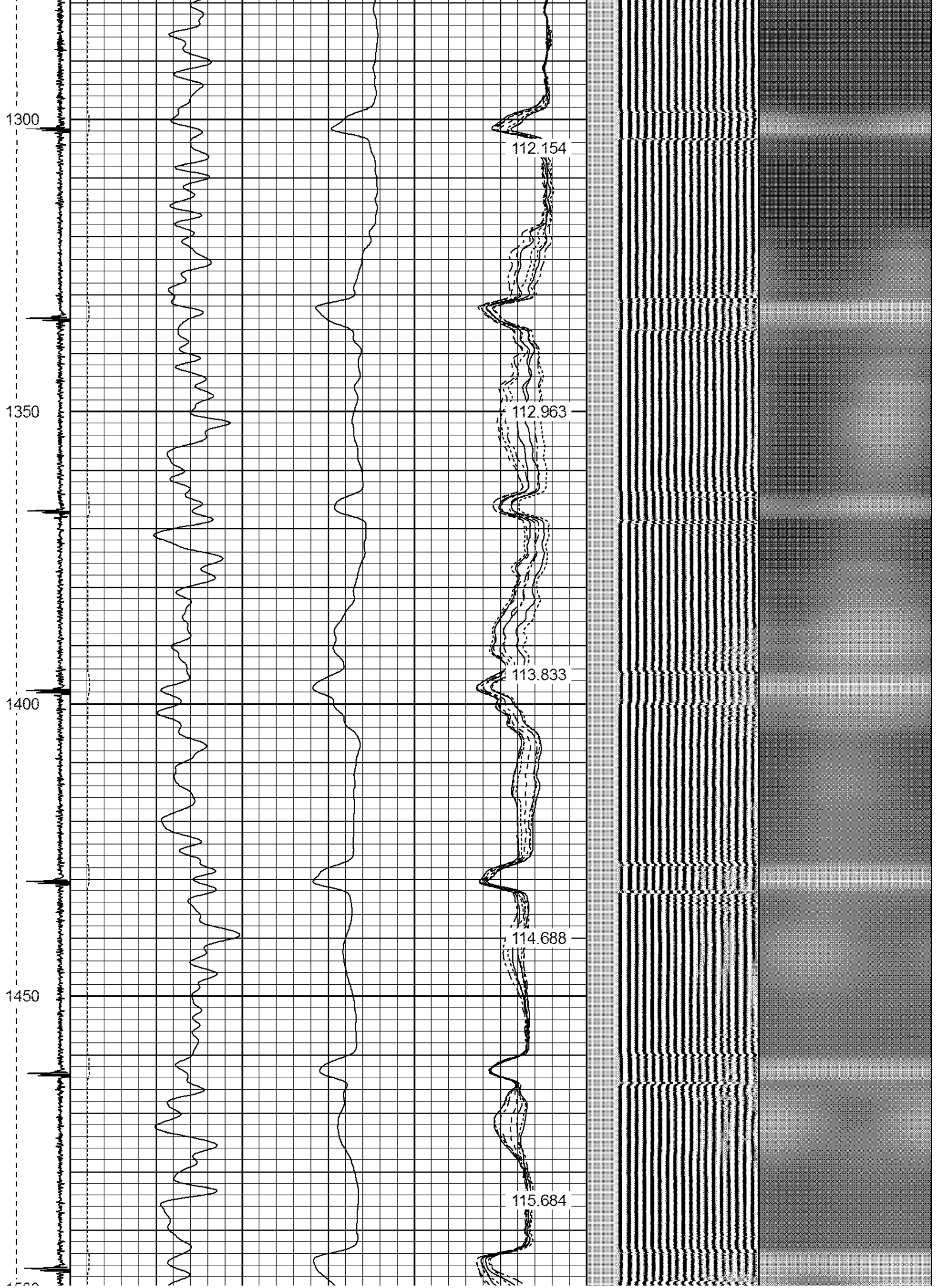


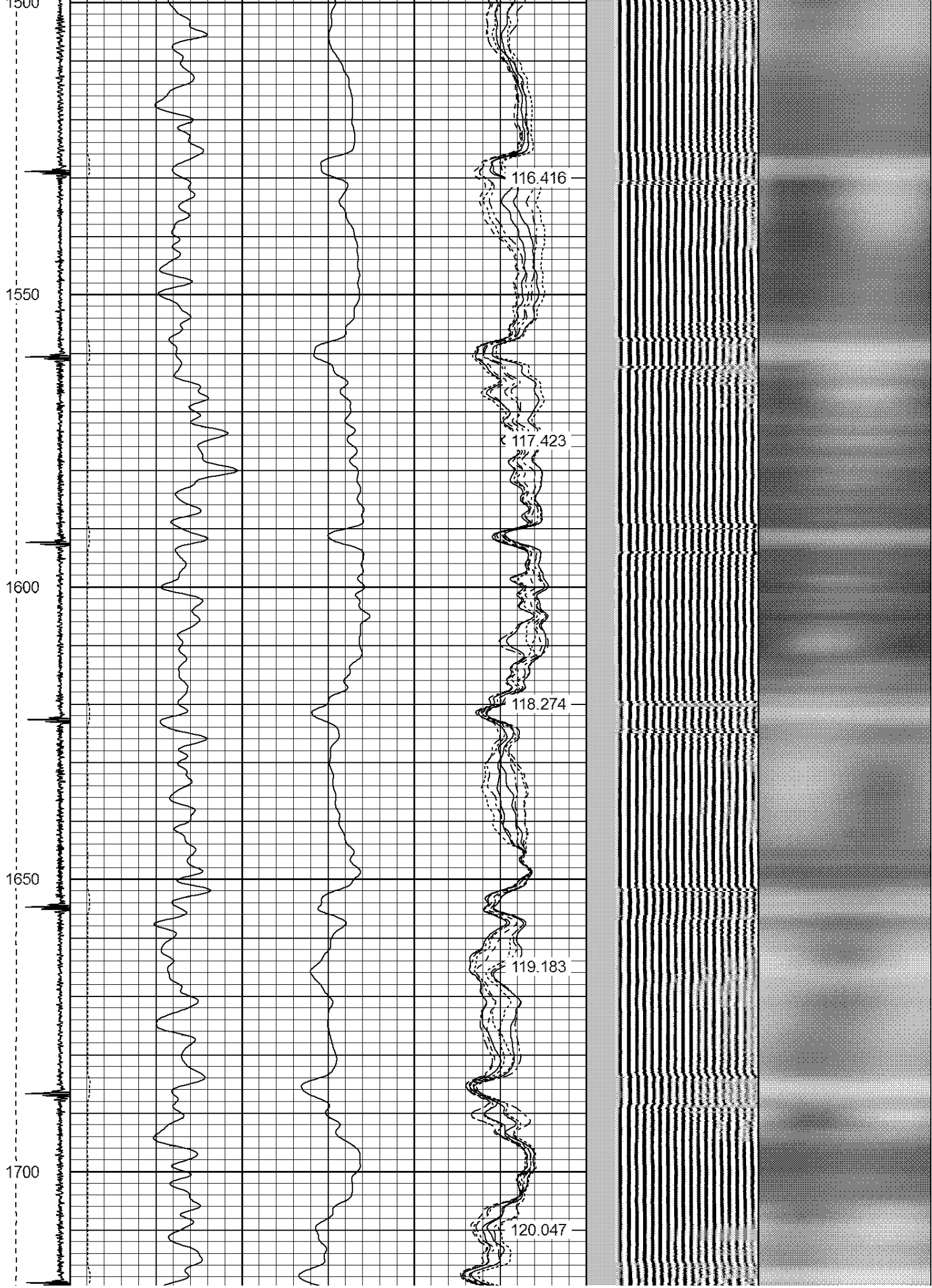


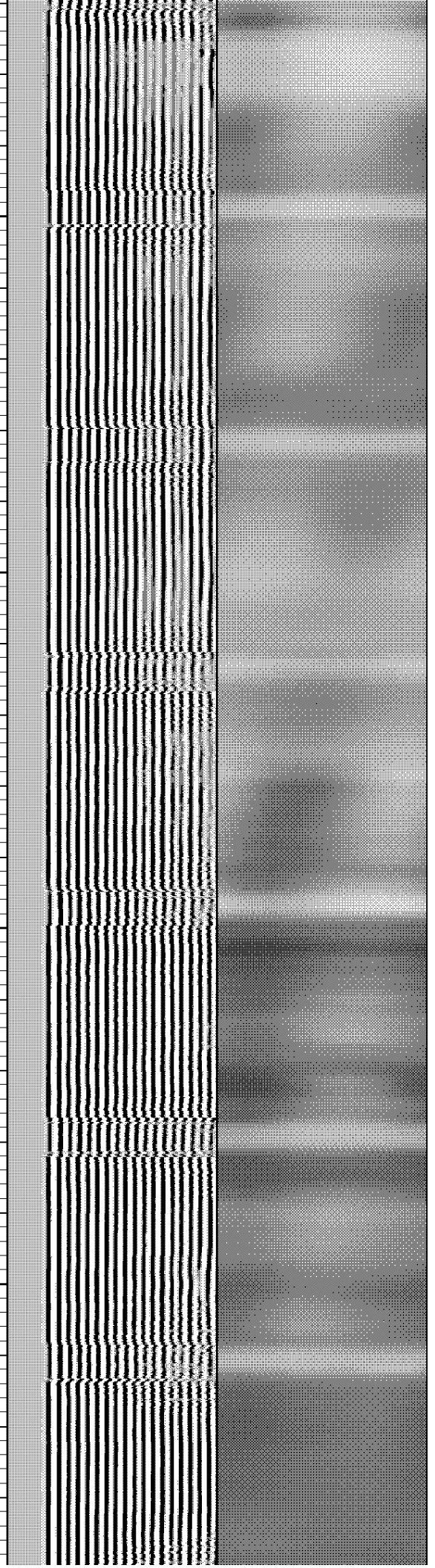
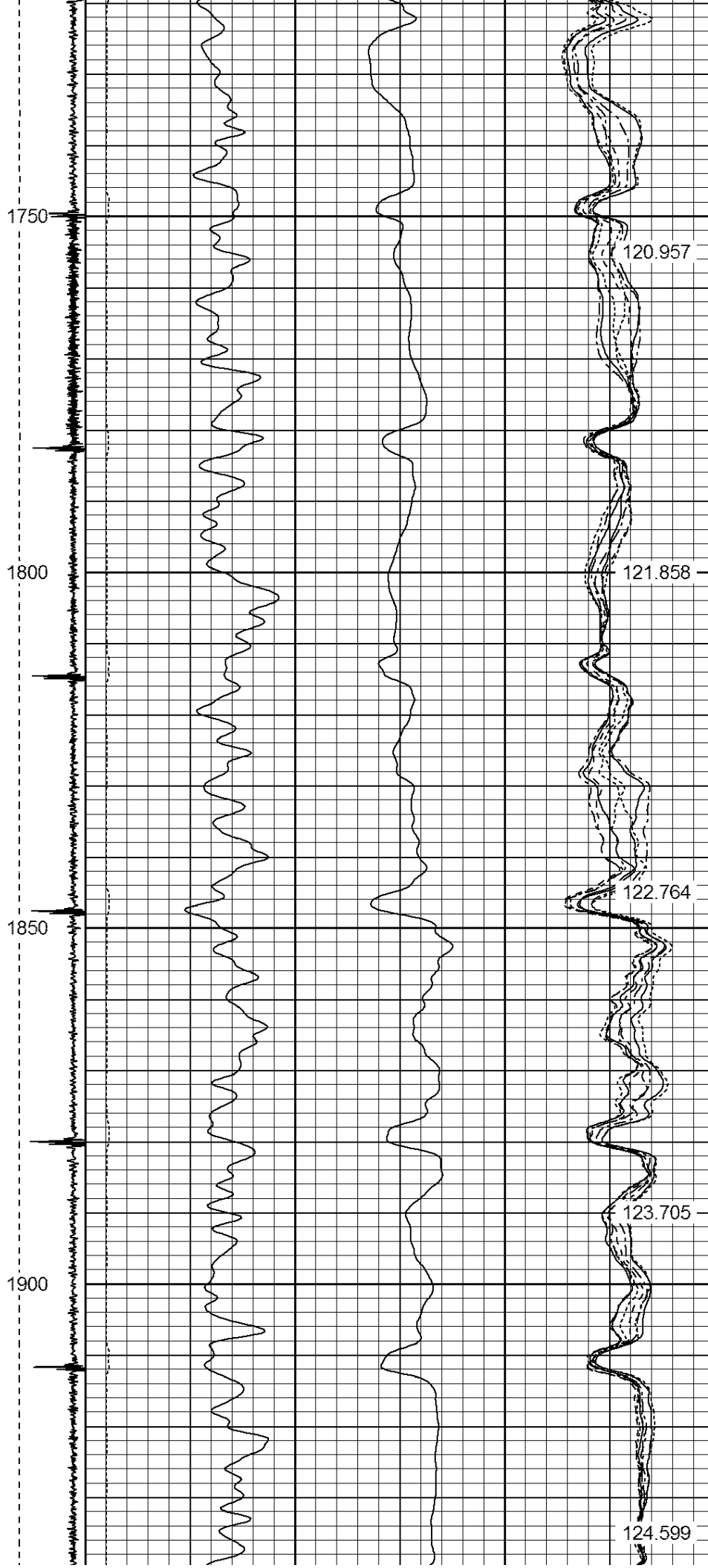












1950

2000

2050

2100

2150

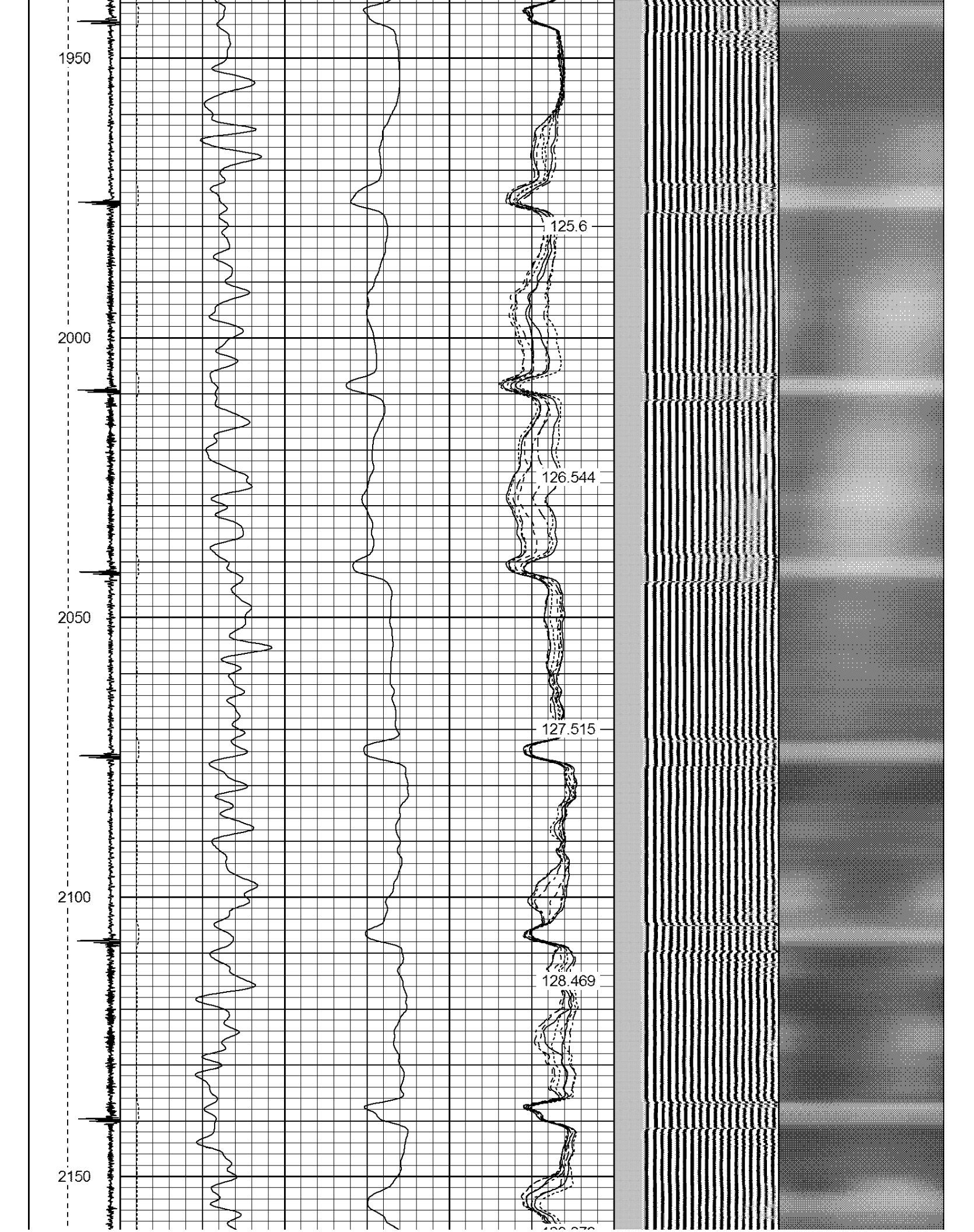
125.6

126.544

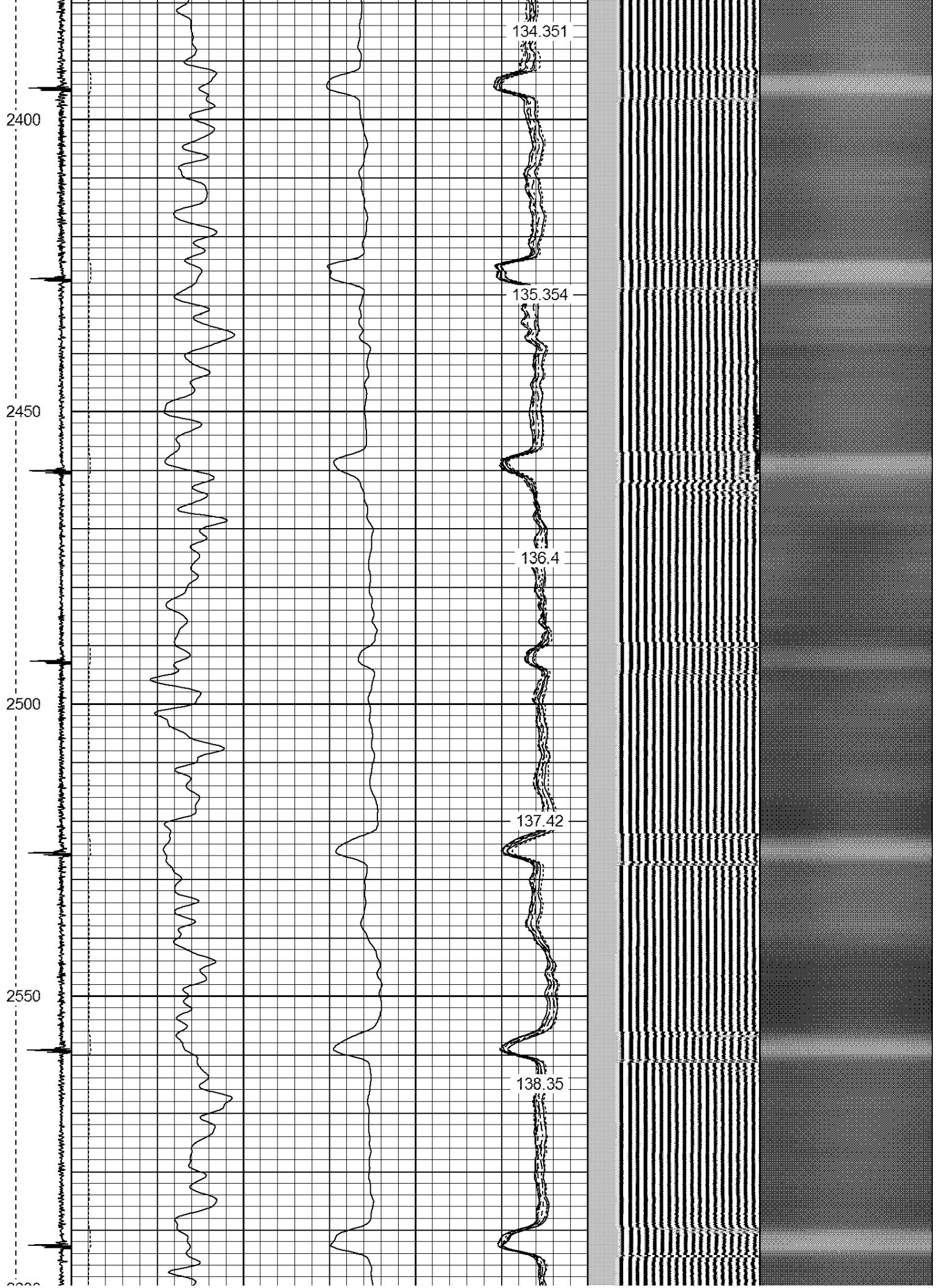
127.515

128.469

129.423







2600
2650
2700
2750
2800

139.393

140.344

141.402

142.408

143.401

2850

2900

2950

3000

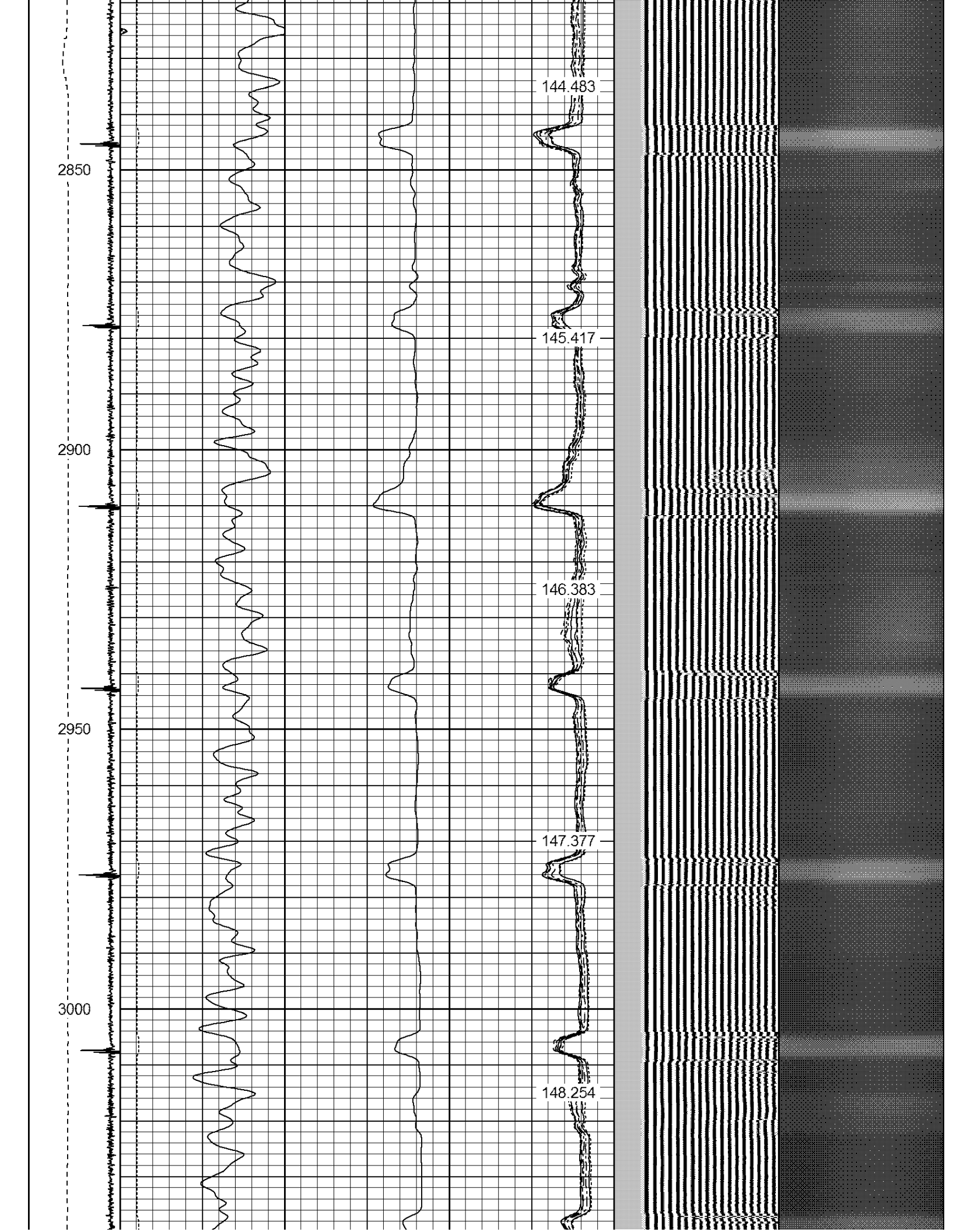
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145.417

146.383

147.377

148.254



3050

3100

3150

3200

3250

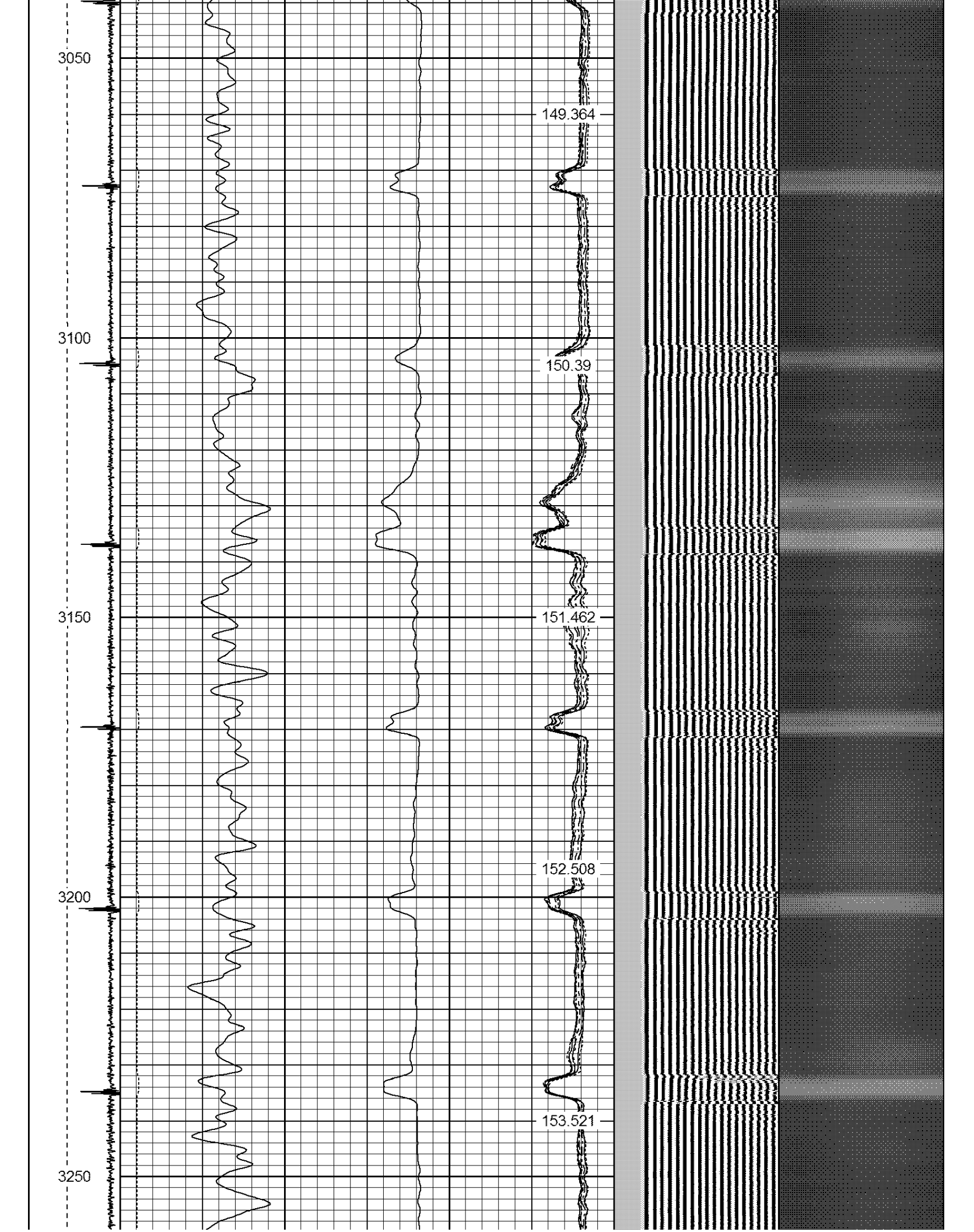
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150.39

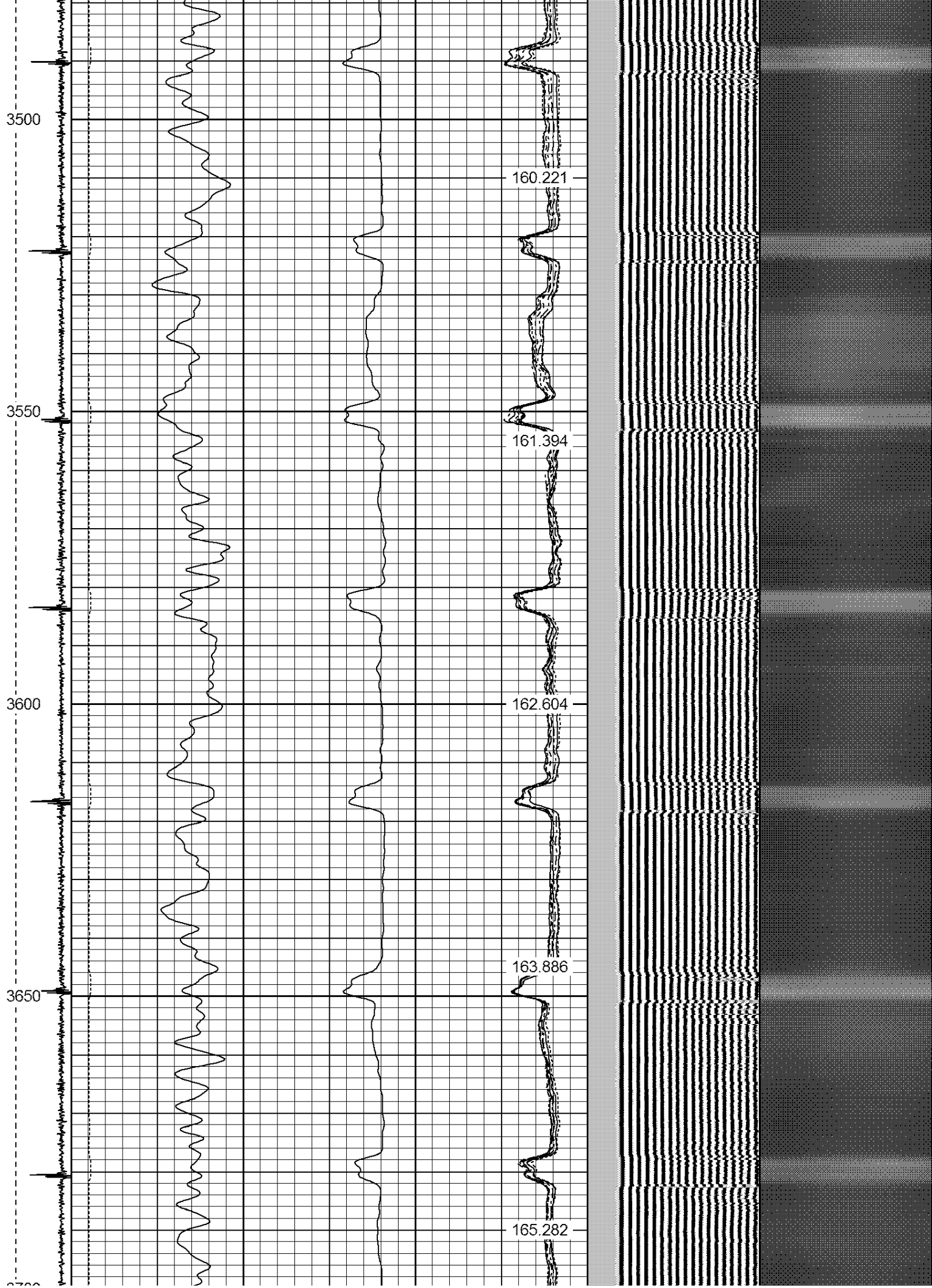
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152.508

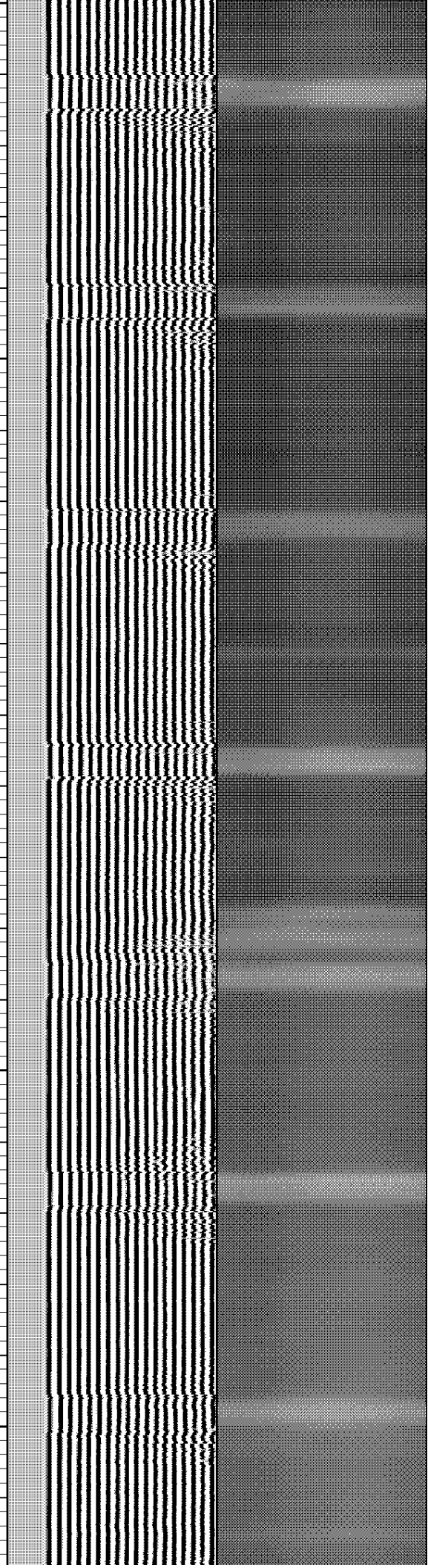
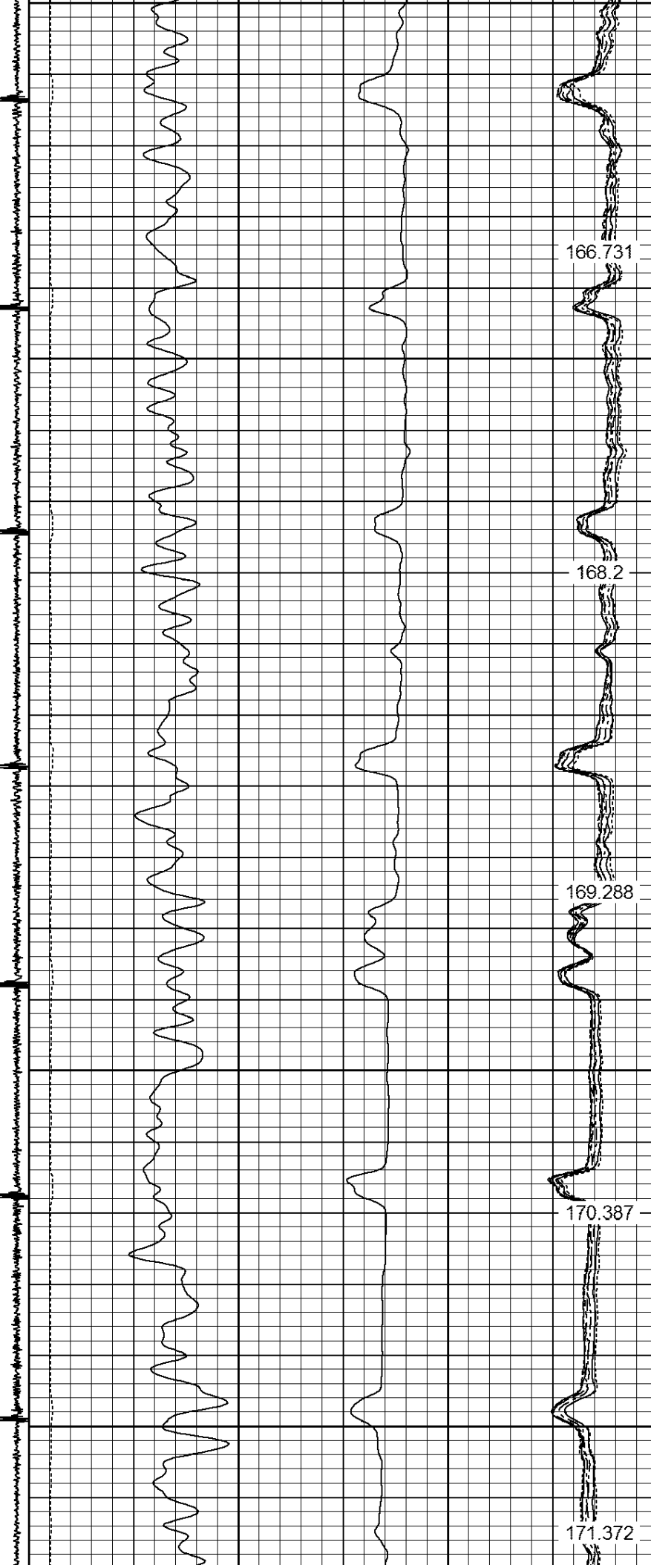
153.521







3700
3750
3800
3850
3900



3950

4000

4050

4100

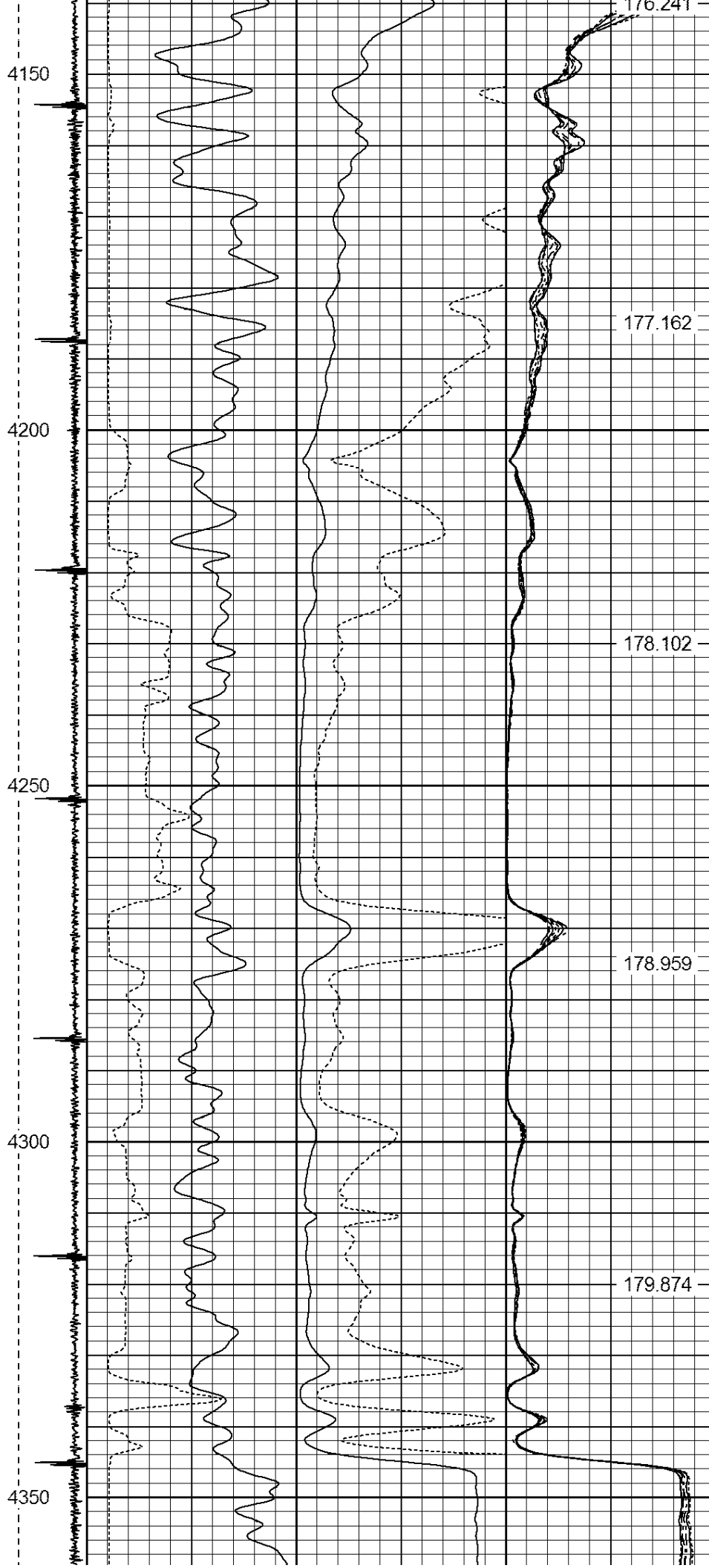
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173.469

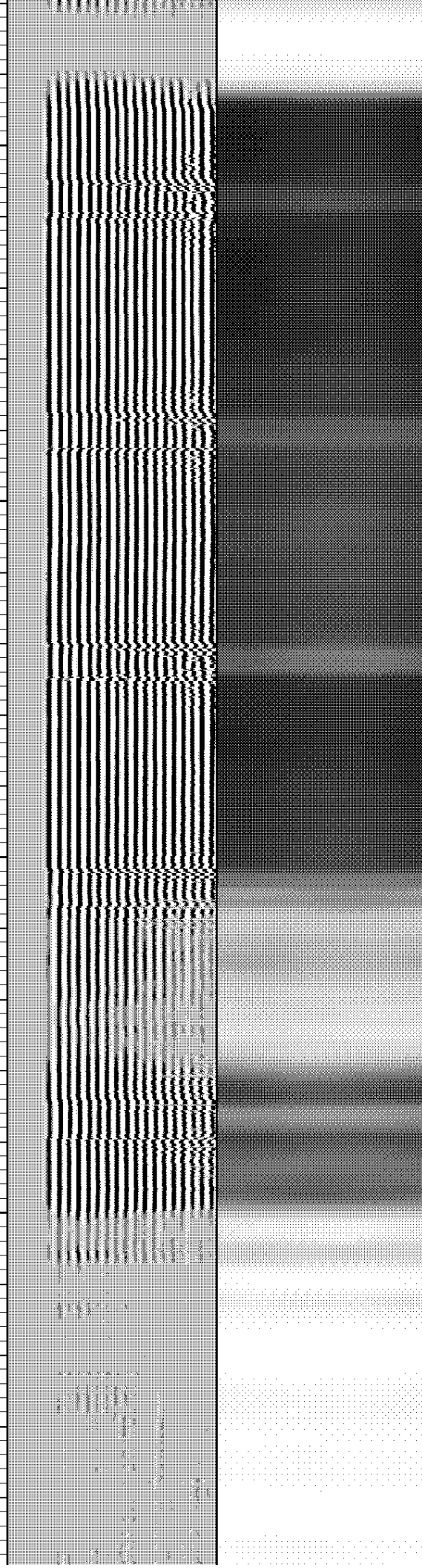
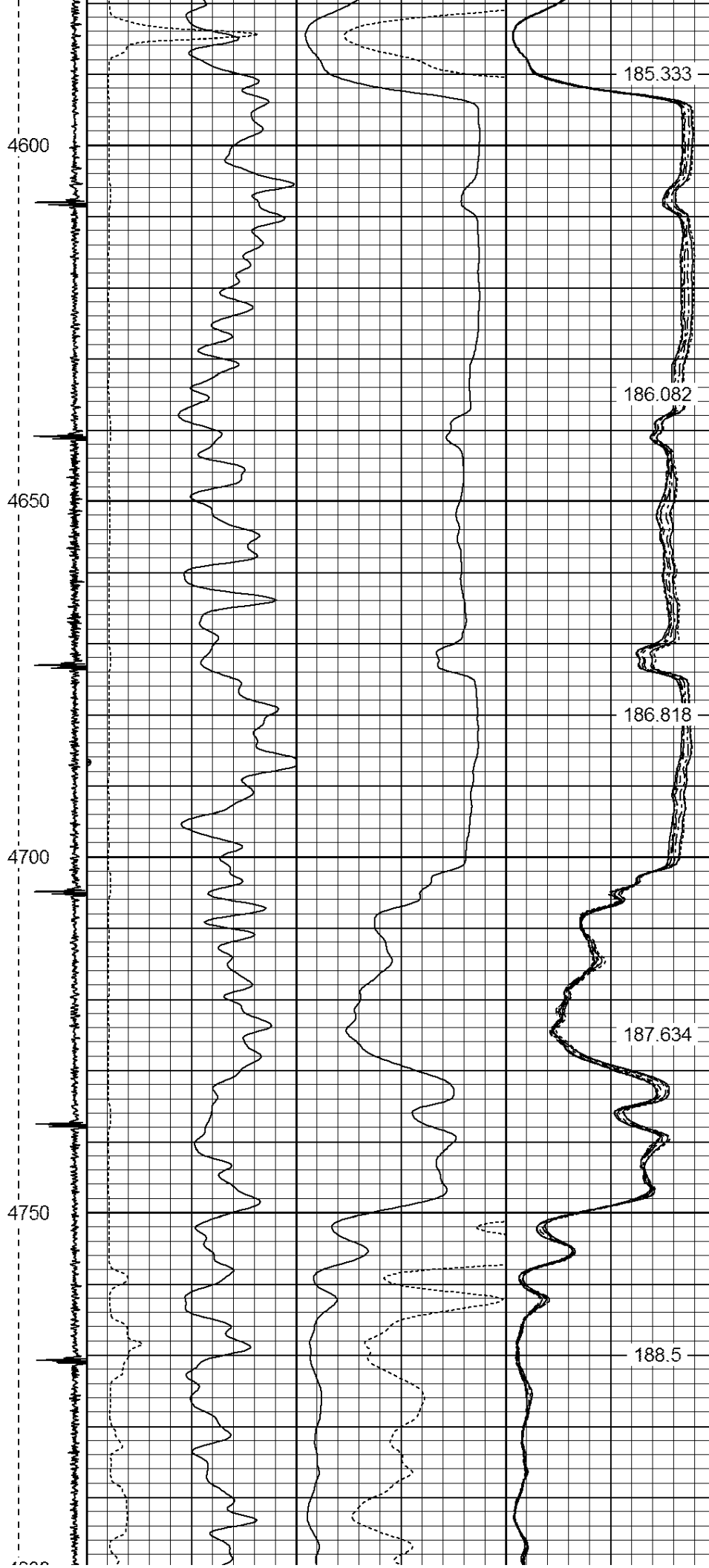
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175.307

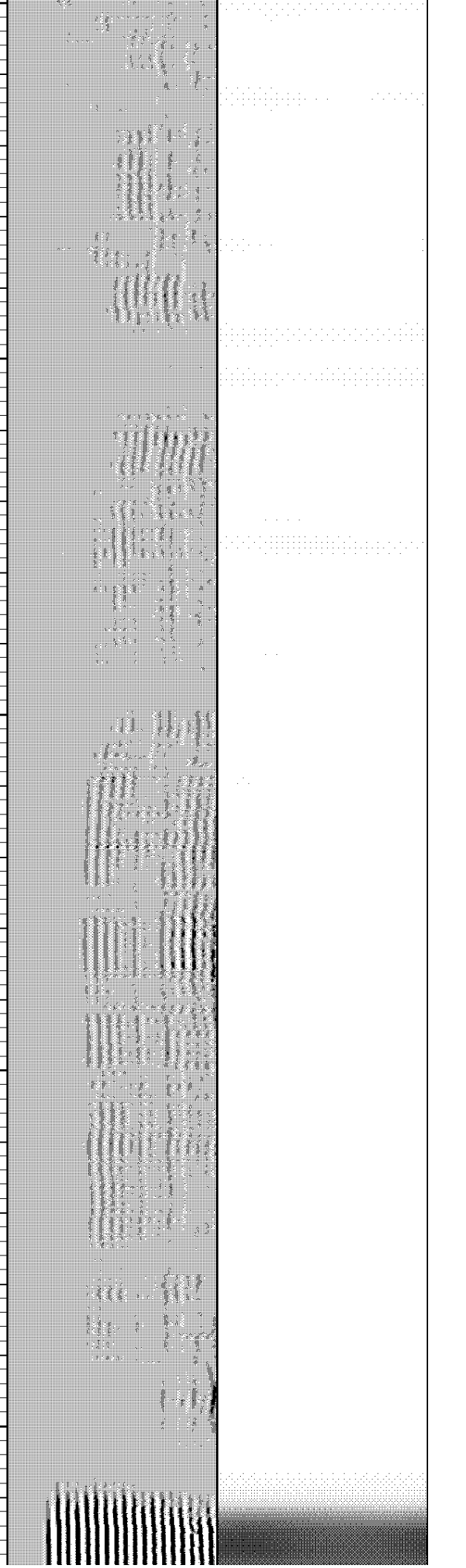
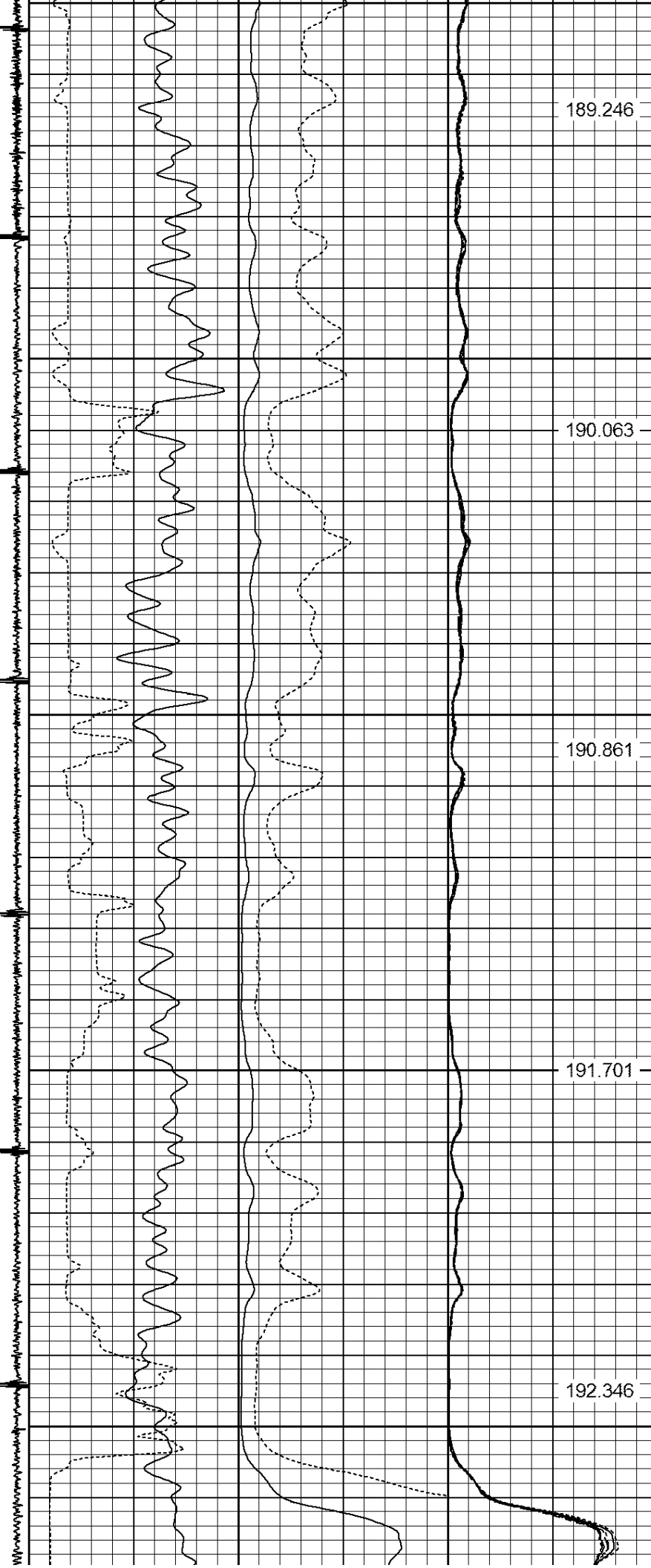
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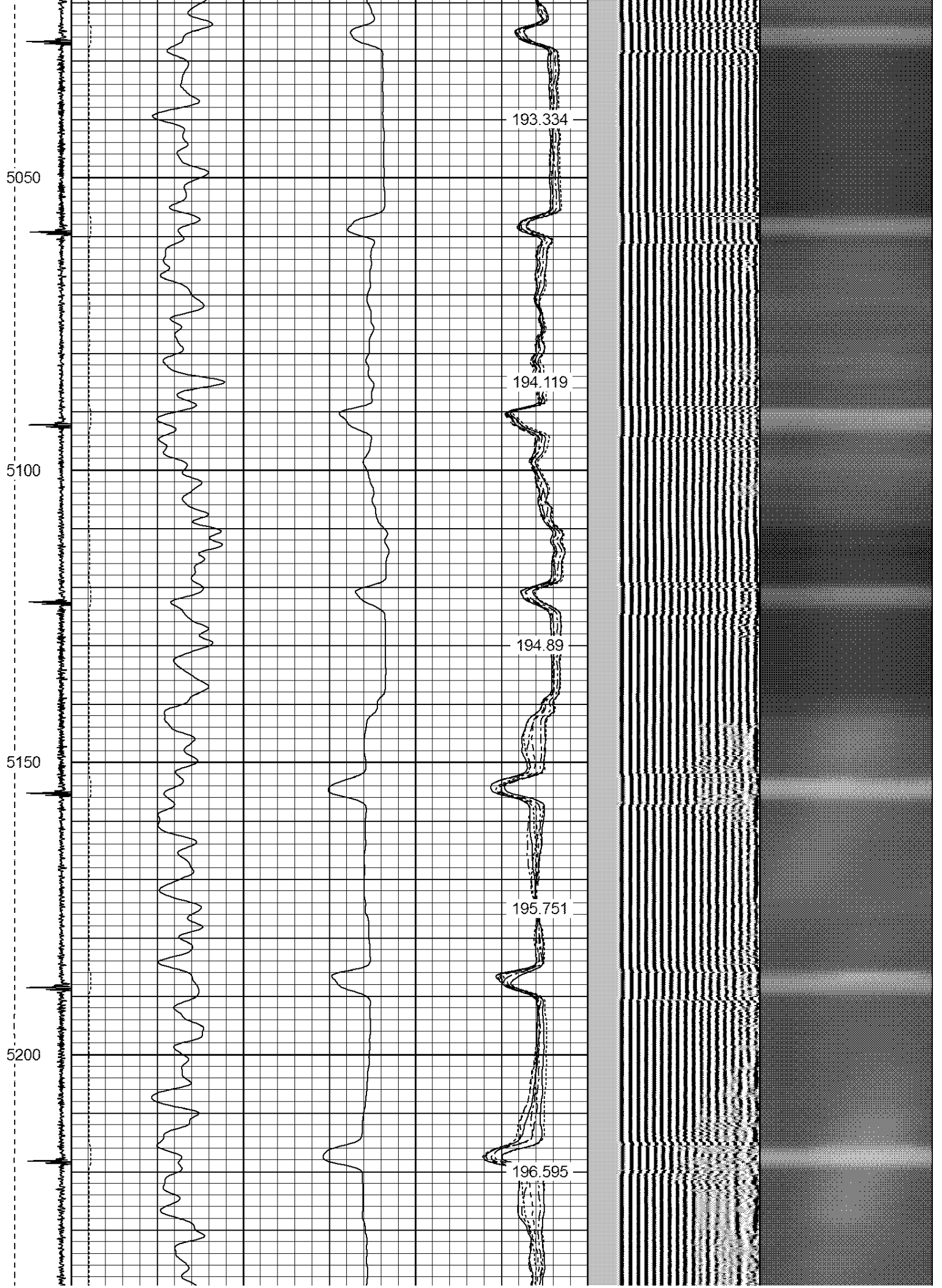




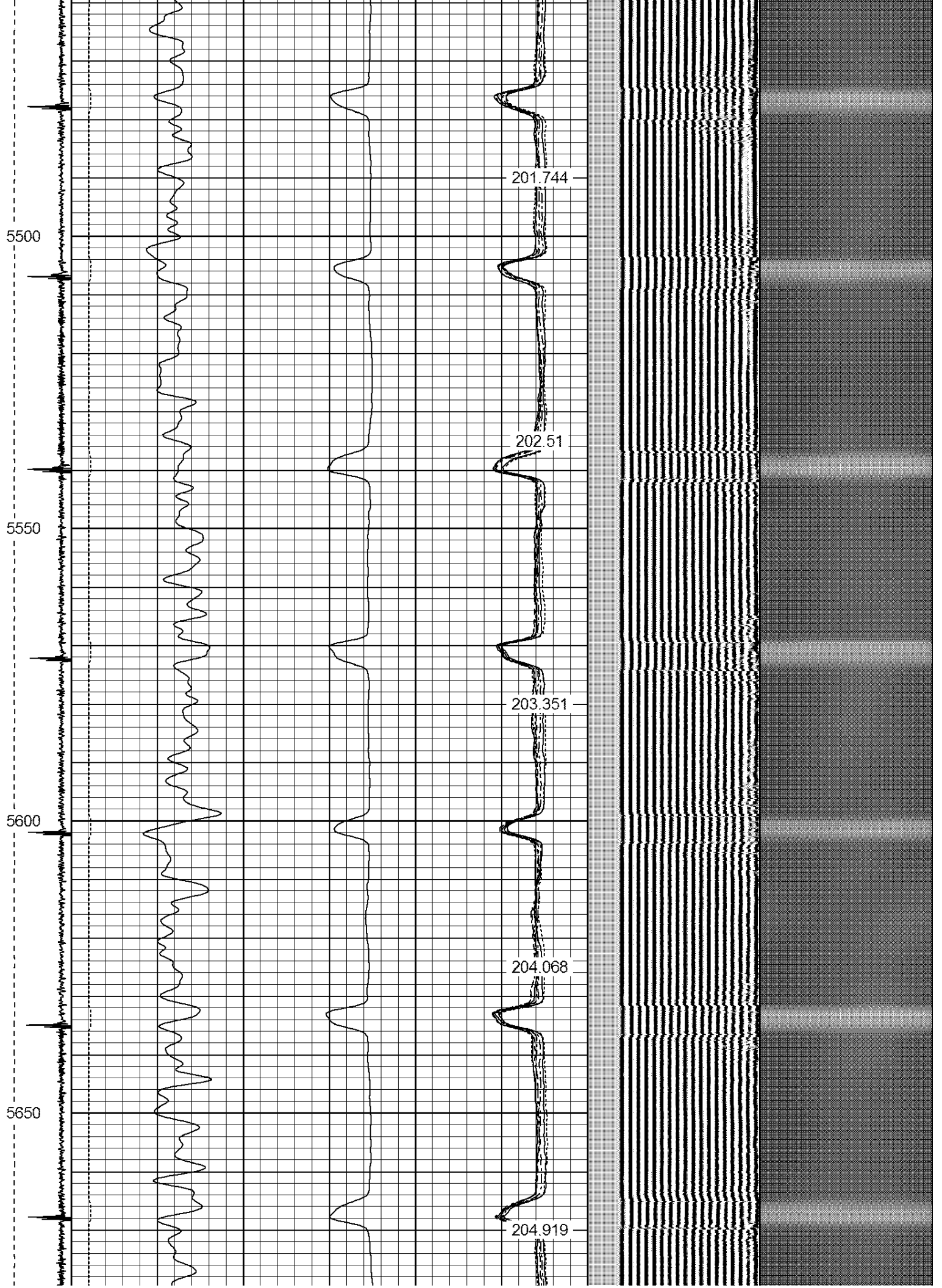


4800
4850
4900
4950
5000









5700

5750

5800

5850

5900

205.642

206.434

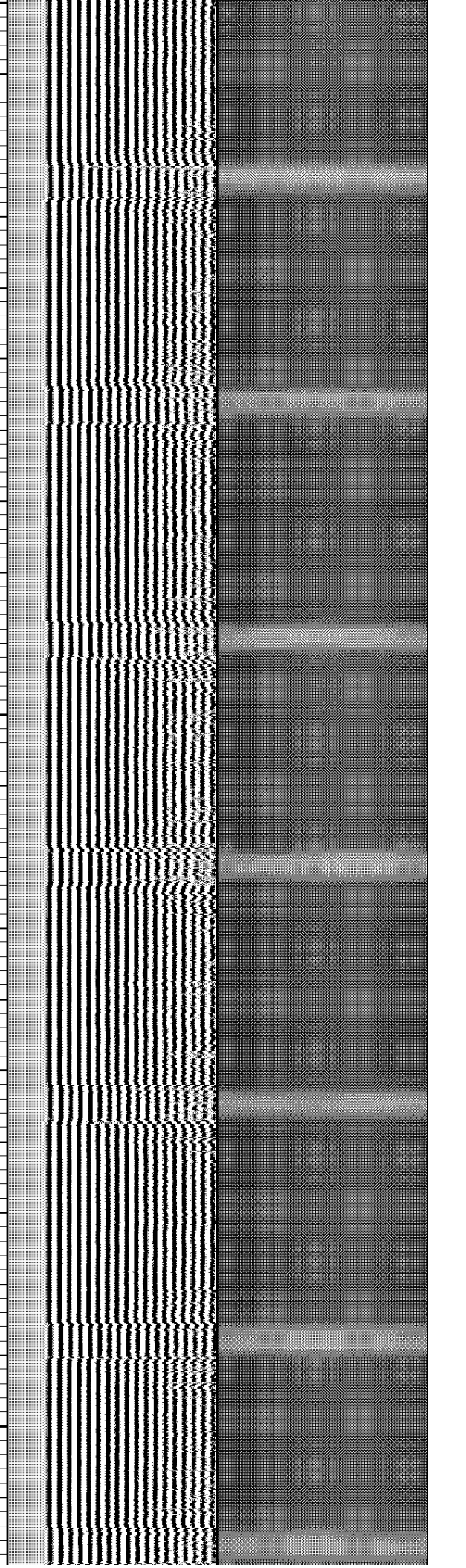
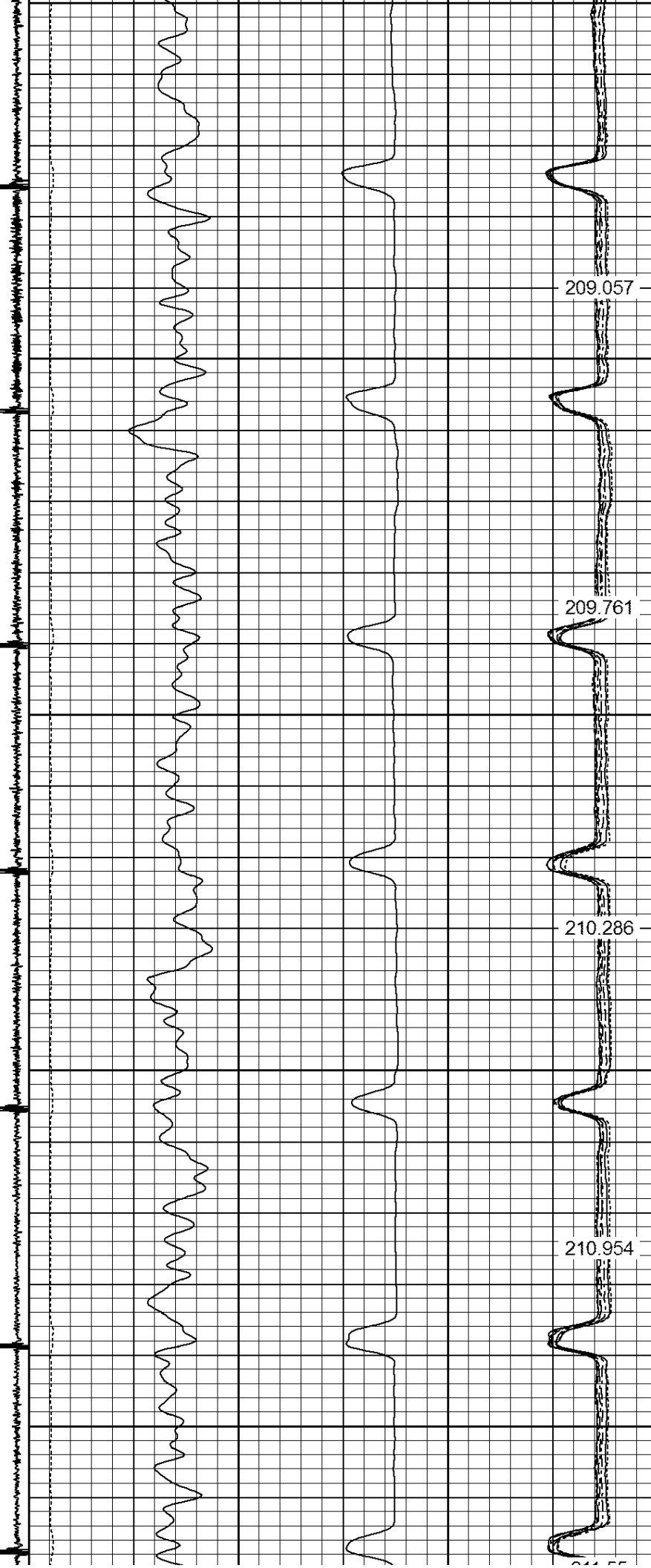
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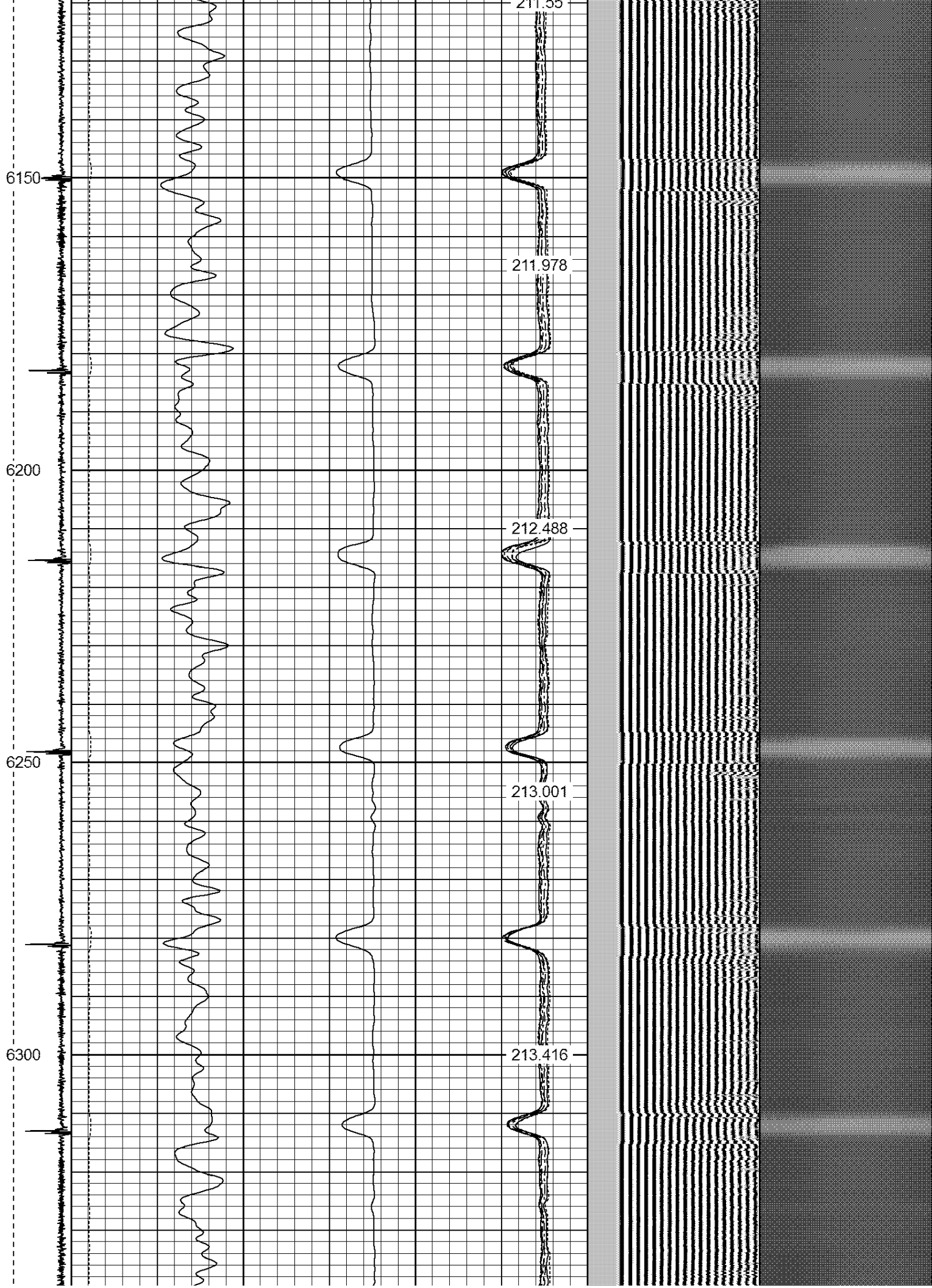
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208.541

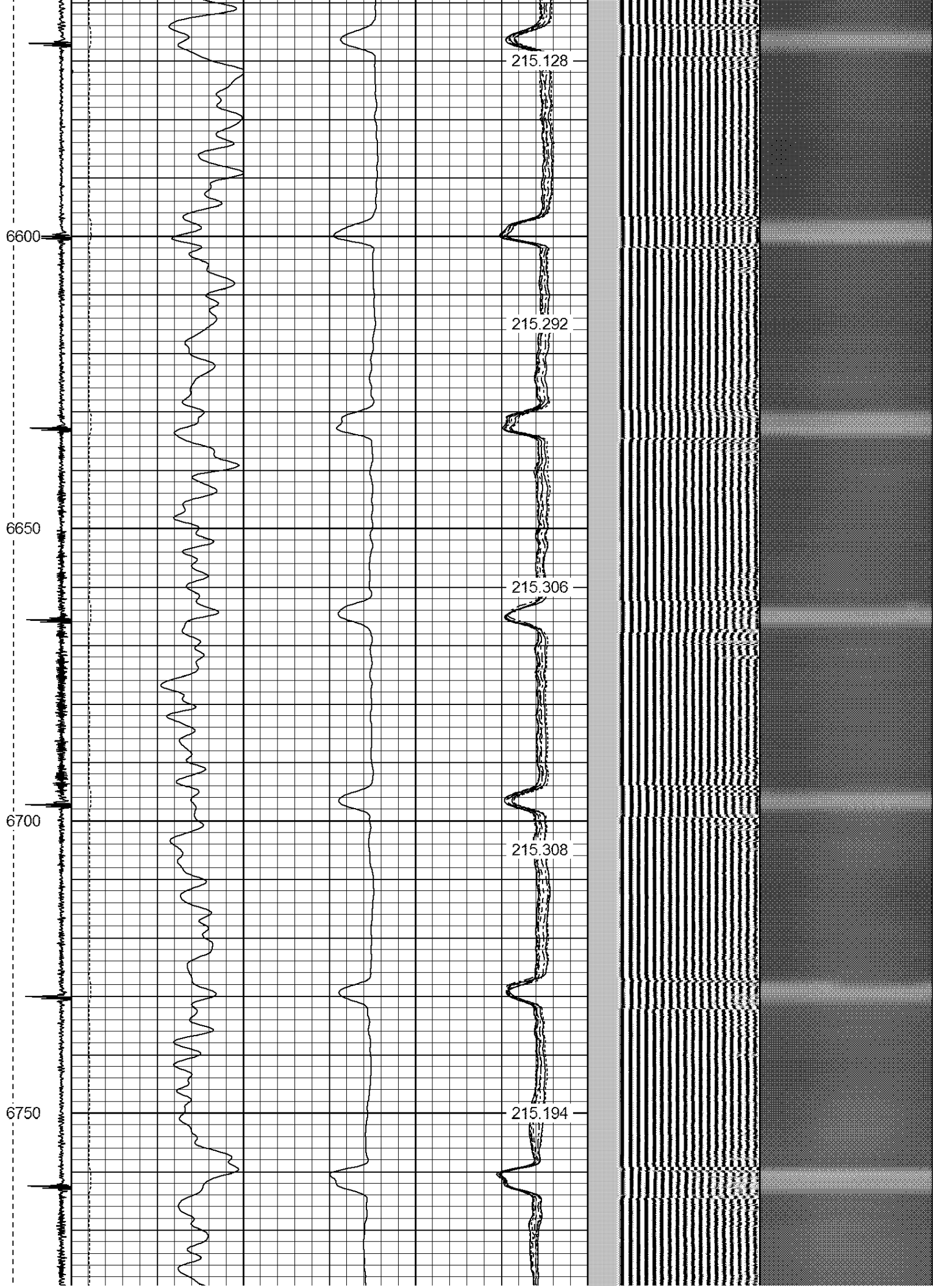
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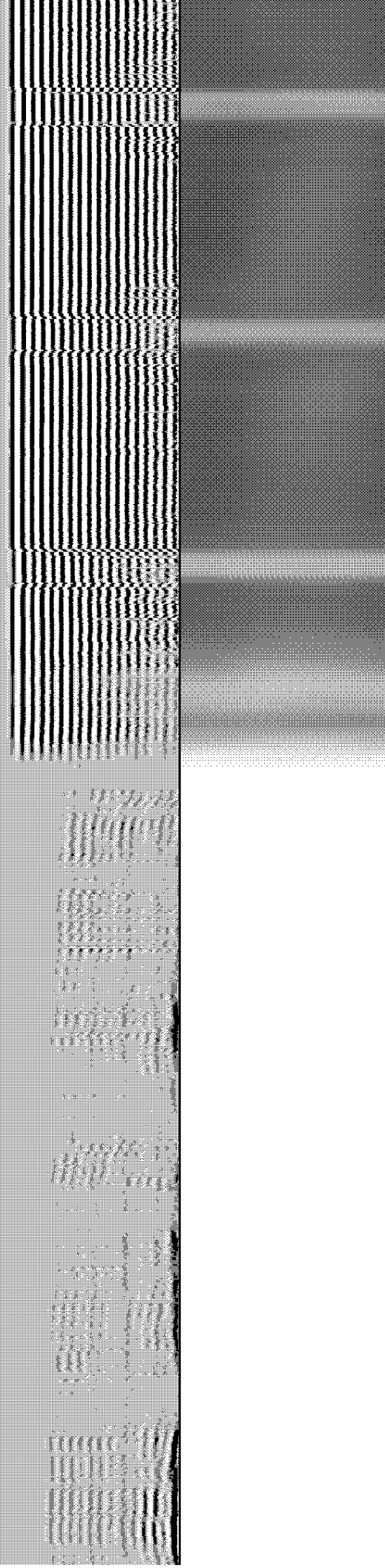
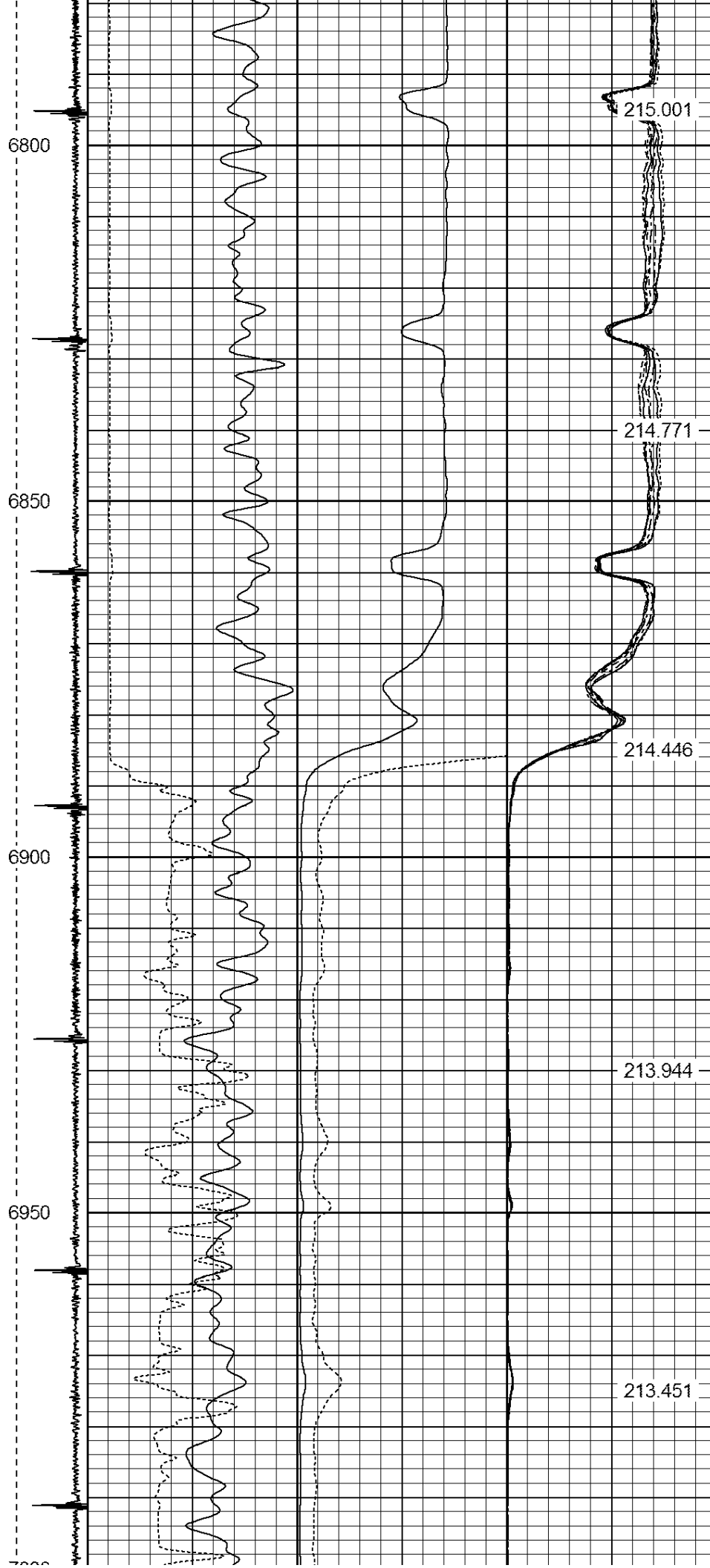
5900
5950
6000
6050
6100



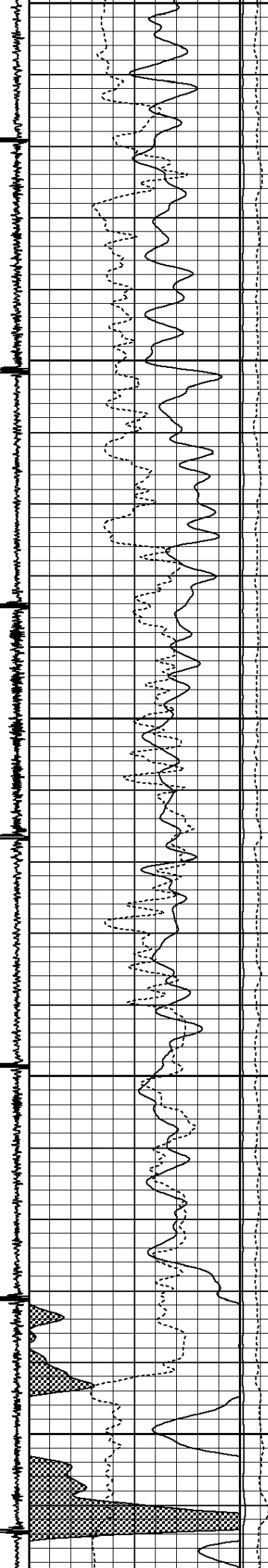








7000
7050
7100
7150
7200



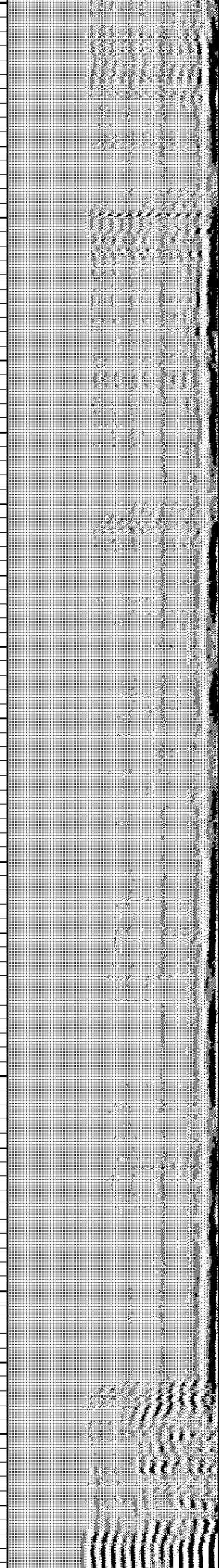
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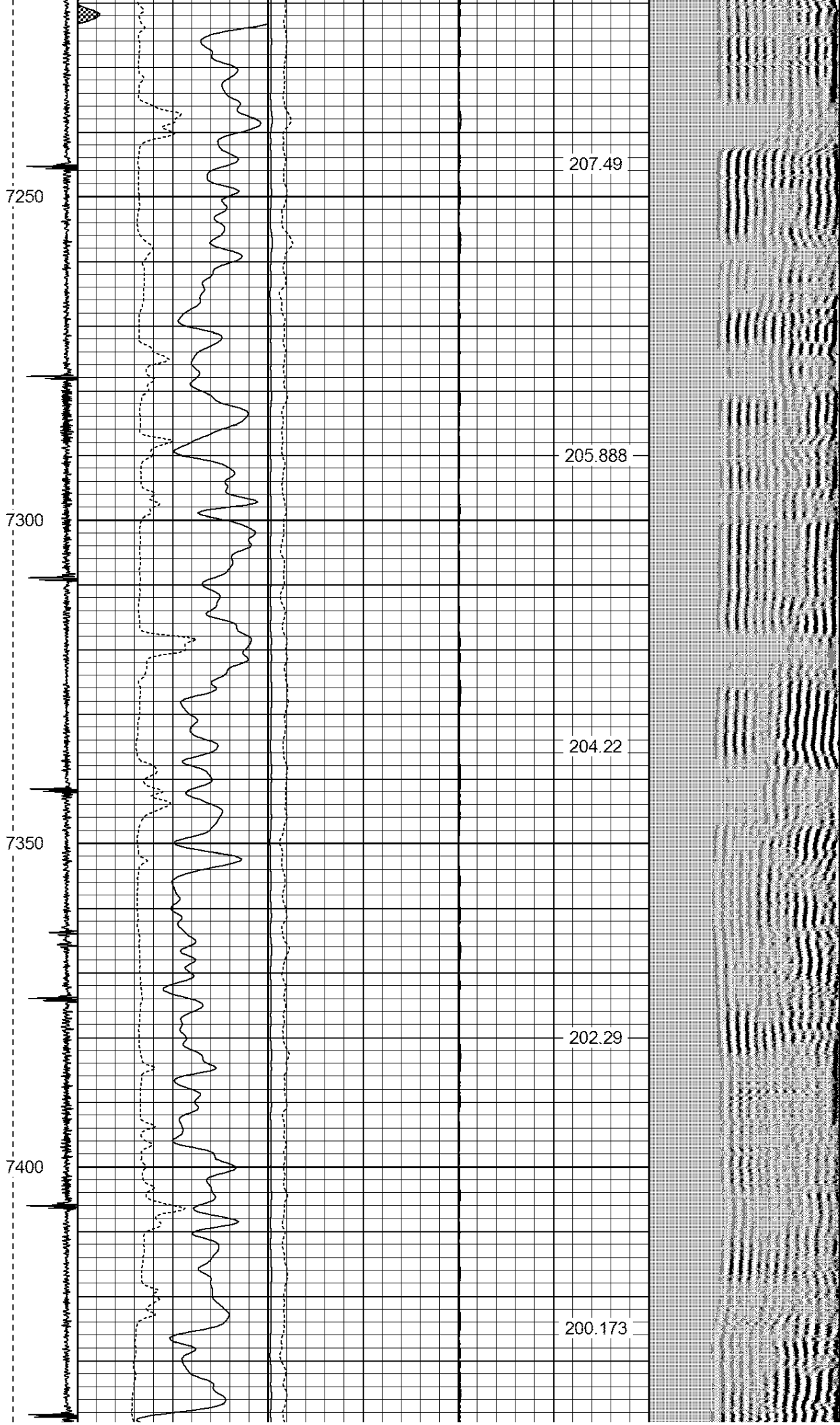
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211.109

210.004

208.913



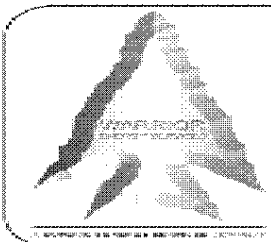
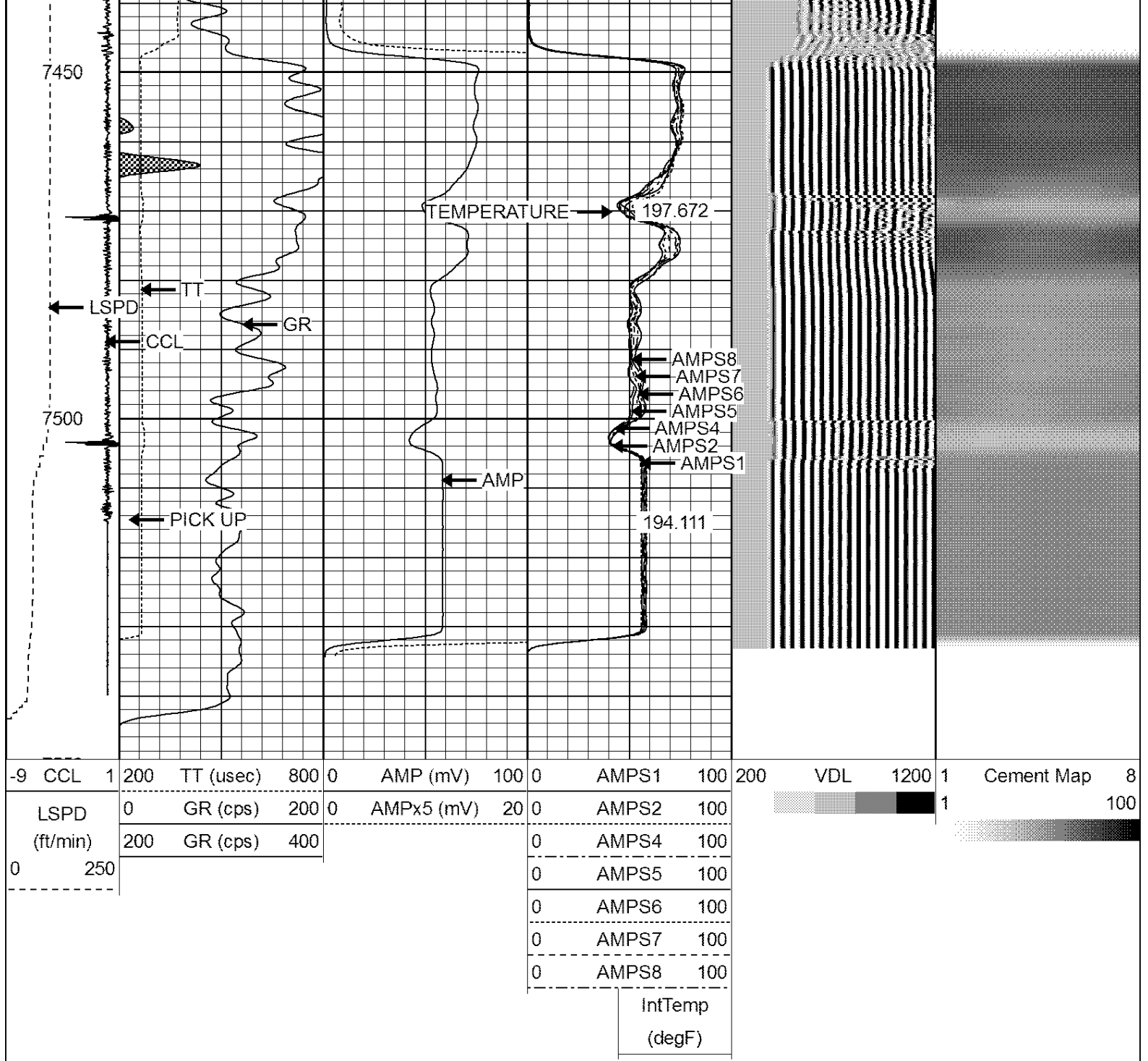


7250

7300

7350

7400



WARRIOR
ENERGY SERVICES

Company KERR-McGEE OIL & GAS ONSHORE LP

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