



RADIAL BOND LOG
GAMMA RAY
CCL

Company BILL BARRETT CORPORATION
Well ANSHUTZ STATE 05-62-36-12
Field NE WATTENBERG
County WELD
State COLORADO

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Well ANSHUTZ STATE 05-62-36-12
Field NE WATTENBERG
County WELD State COLORADO

Location: API # : 05-123-38343
SHL 1025' FNL 1820' FWL NE/NW
SEC 36 TWP 5N RGE 62W
Permanent Datum G.L. Elevation 4557'
Log Measured From K.B. 18'
Drilling Measured From K.B. 4574'
G.L. 4557'

Date 2-9-14

Run Number ONE
Depth Driller 8341'
Depth Logger 8268'
Bottom Logged Interval 8265'
Top Log Interval SURFACE
Open Hole Size 13.5
Type Fluid WATER
Density / Viscosity 1.0
Max. Recorded Temp. 262
Estimated Cement Top 140
Time Well Ready N/A
Time Logger on Bottom N/A
Equipment Number 4310
Location GREELEY CO.
Recorded By N. BREHMER
Witnessed By J. DAMRON

Borehole Record
Run Number Bit From To Size Weight From To
ONE 13.5 SURFACE 828' 8341'
TWO 8.75 SURFACE 8341'

Casing Record
Surface String Size 9 5/8 Wgt/Ft 36# Top 0' Bottom 824'
Prot. String
Production String 7 26 0' 8331'
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

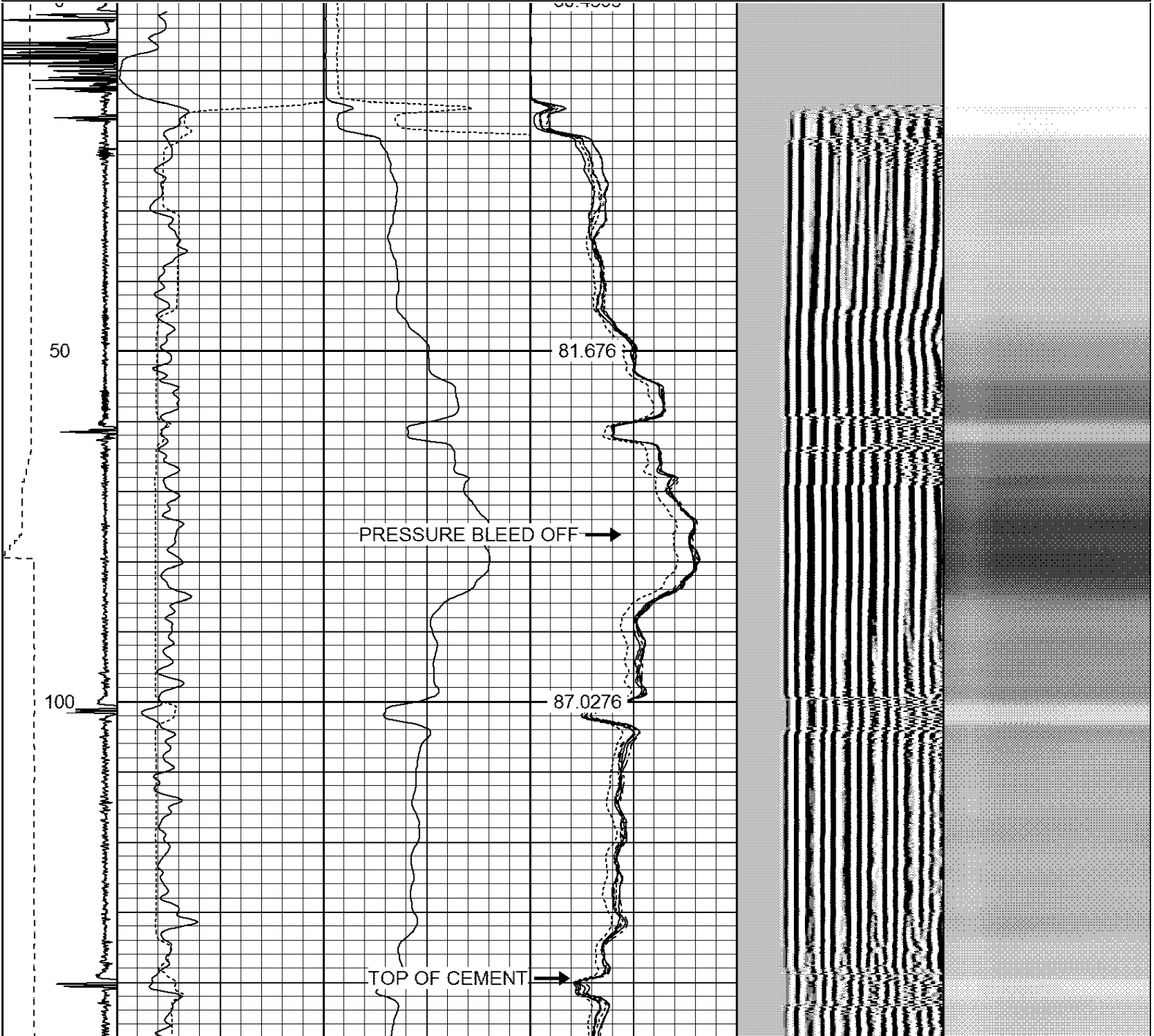
RAN CBL TO VERIFY CEMENT BOND
MADE 5' CORRECTION, CORRELATED TO OPEN HOLE LOG
LOG RAN WITH 1000 PSI ON WELL

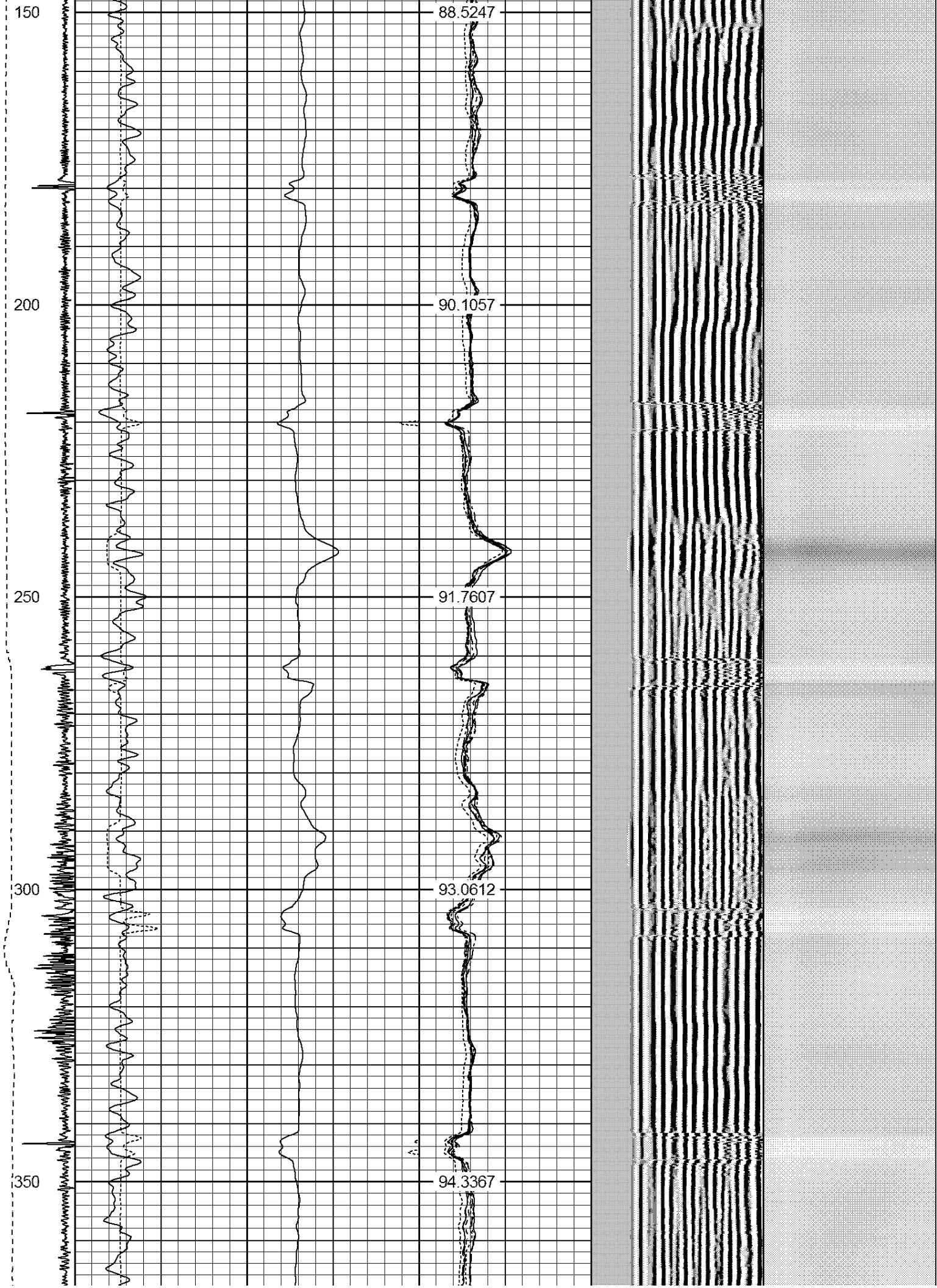
THANK YOU FOR USING WARRIOR ENERGY SERVICES

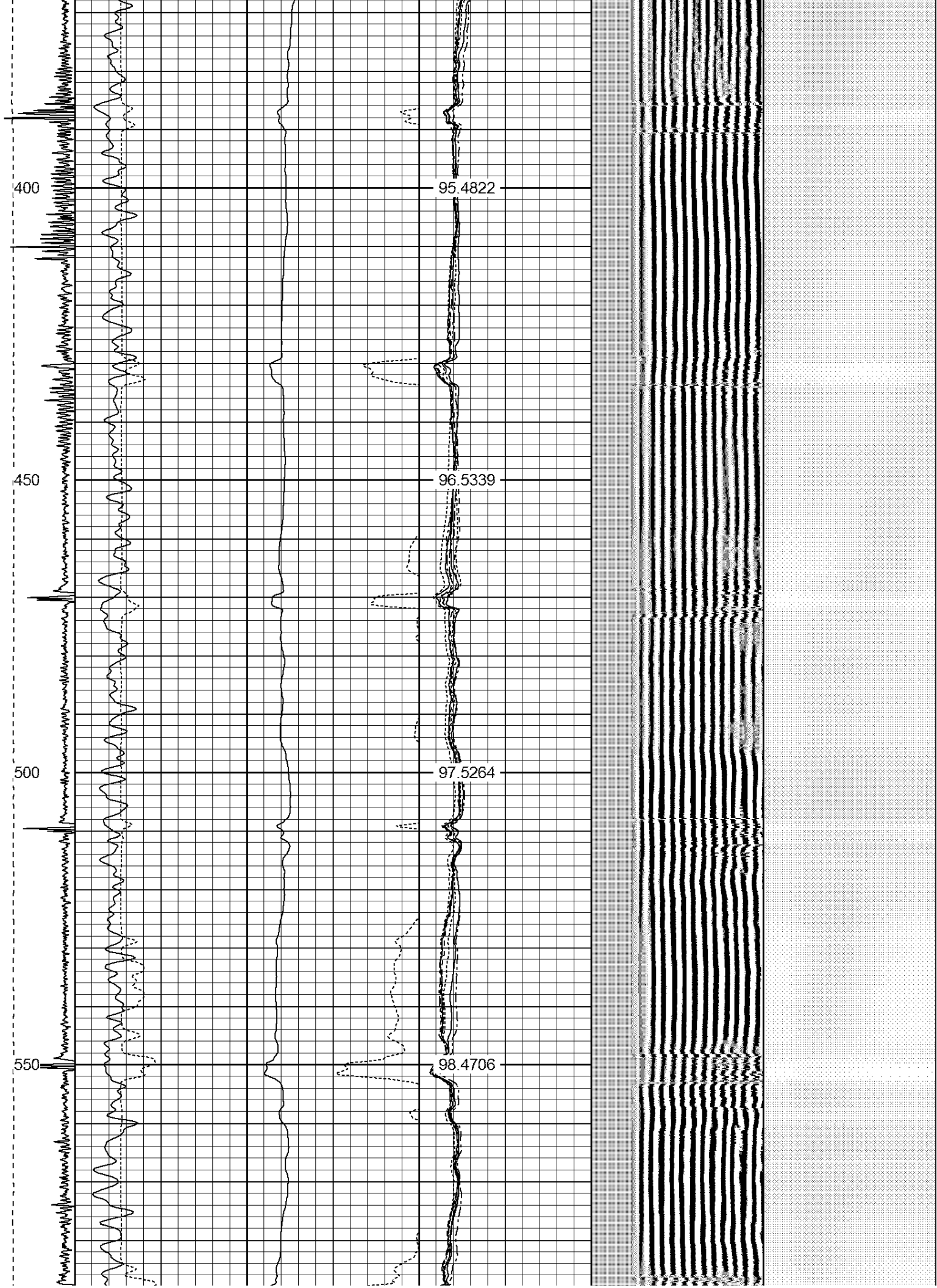
Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)

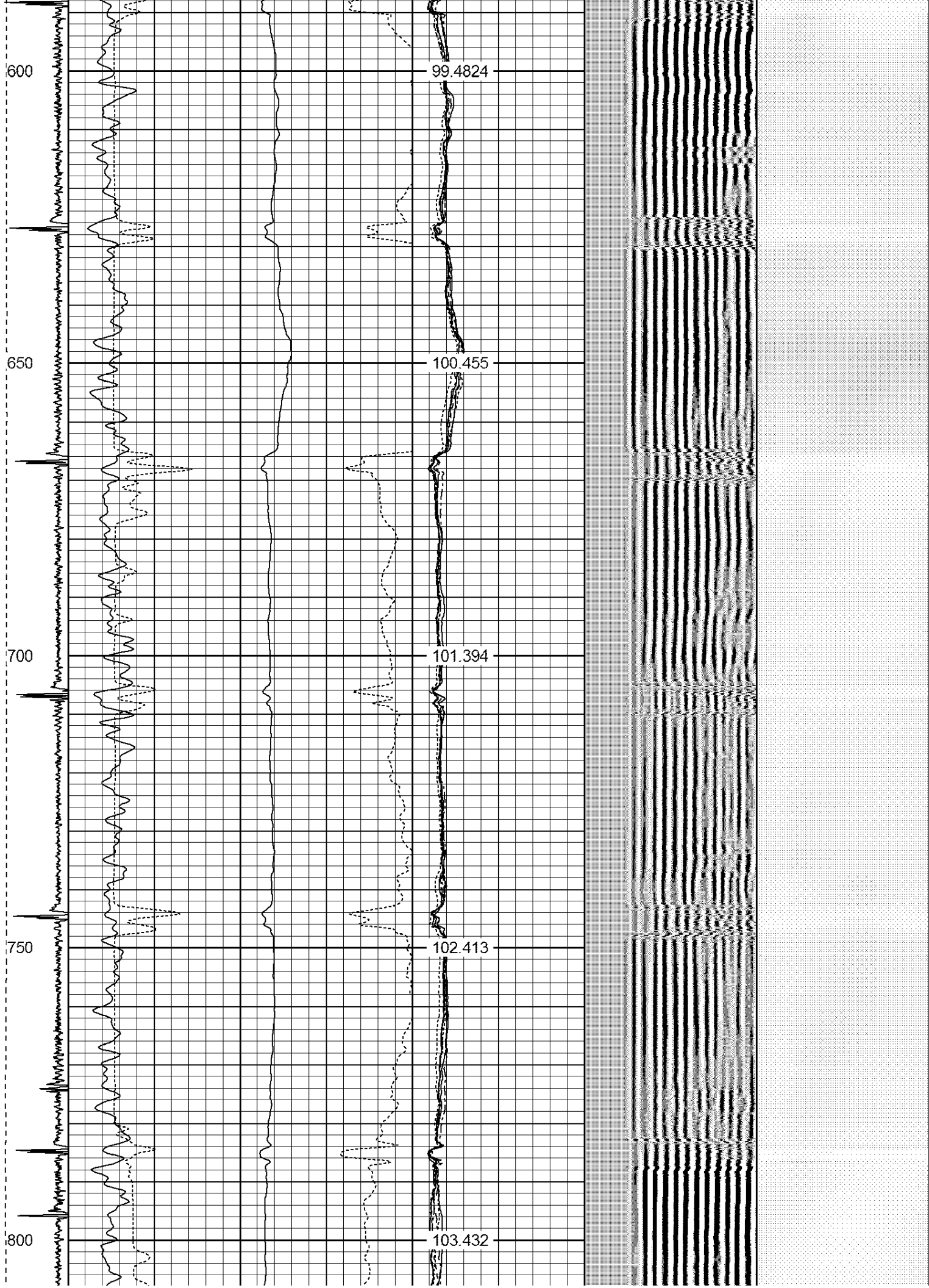
Database File: anschutz state 5-62-36-12.db
Dataset Pathname: pass6
Presentation Format: ips_rbt
Dataset Creation: Sun Feb 09 10:58:49 2014 by Log 7.0 B1
Charted by: Depth in Feet scaled 1:240

-9	CCL	1	200	TT (usec)	800	0	AMP (mV)	100	0	AMPS1	100	200	VDL	1200	1	Cement Map	8
	LSPD		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)							

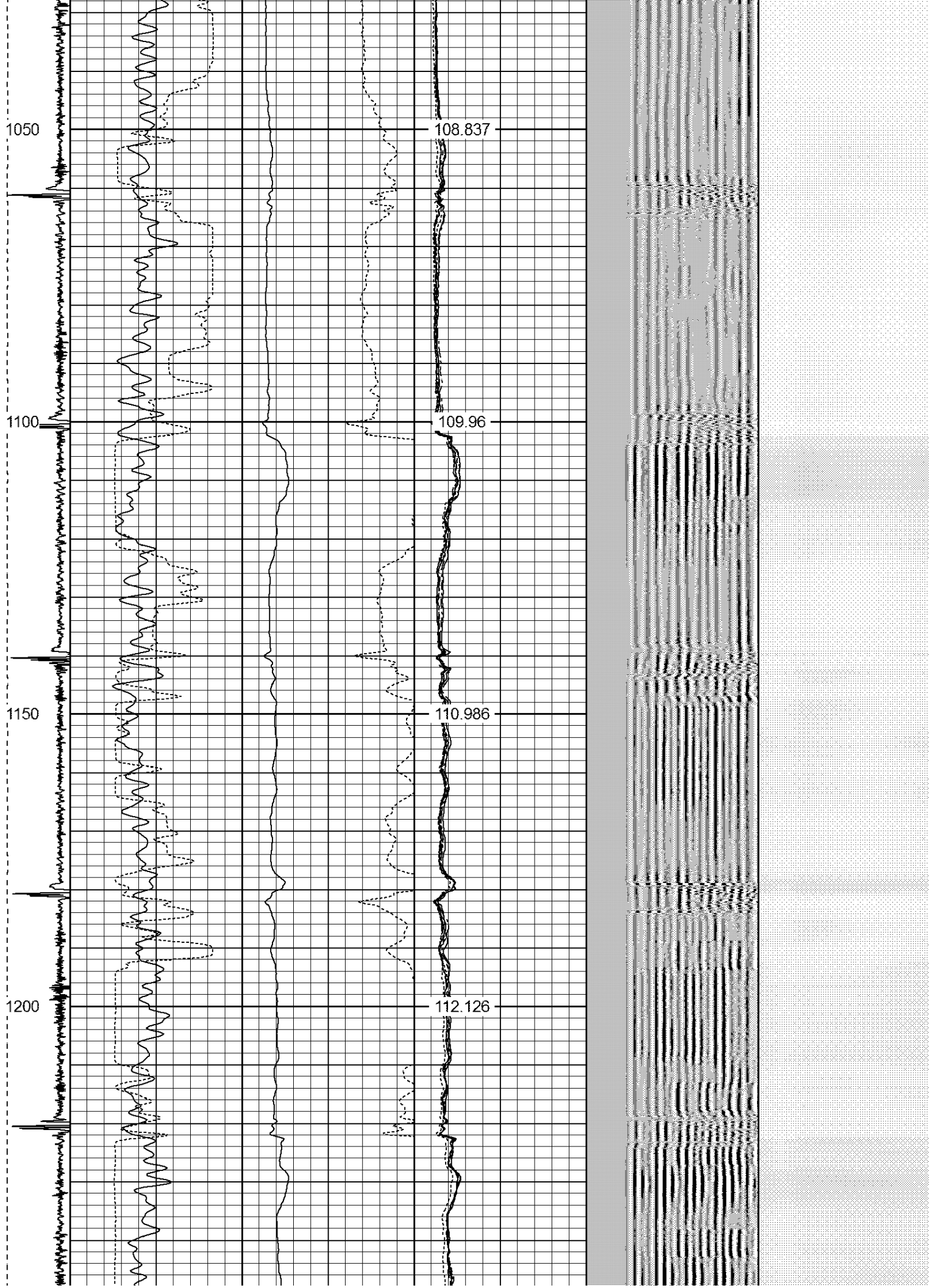


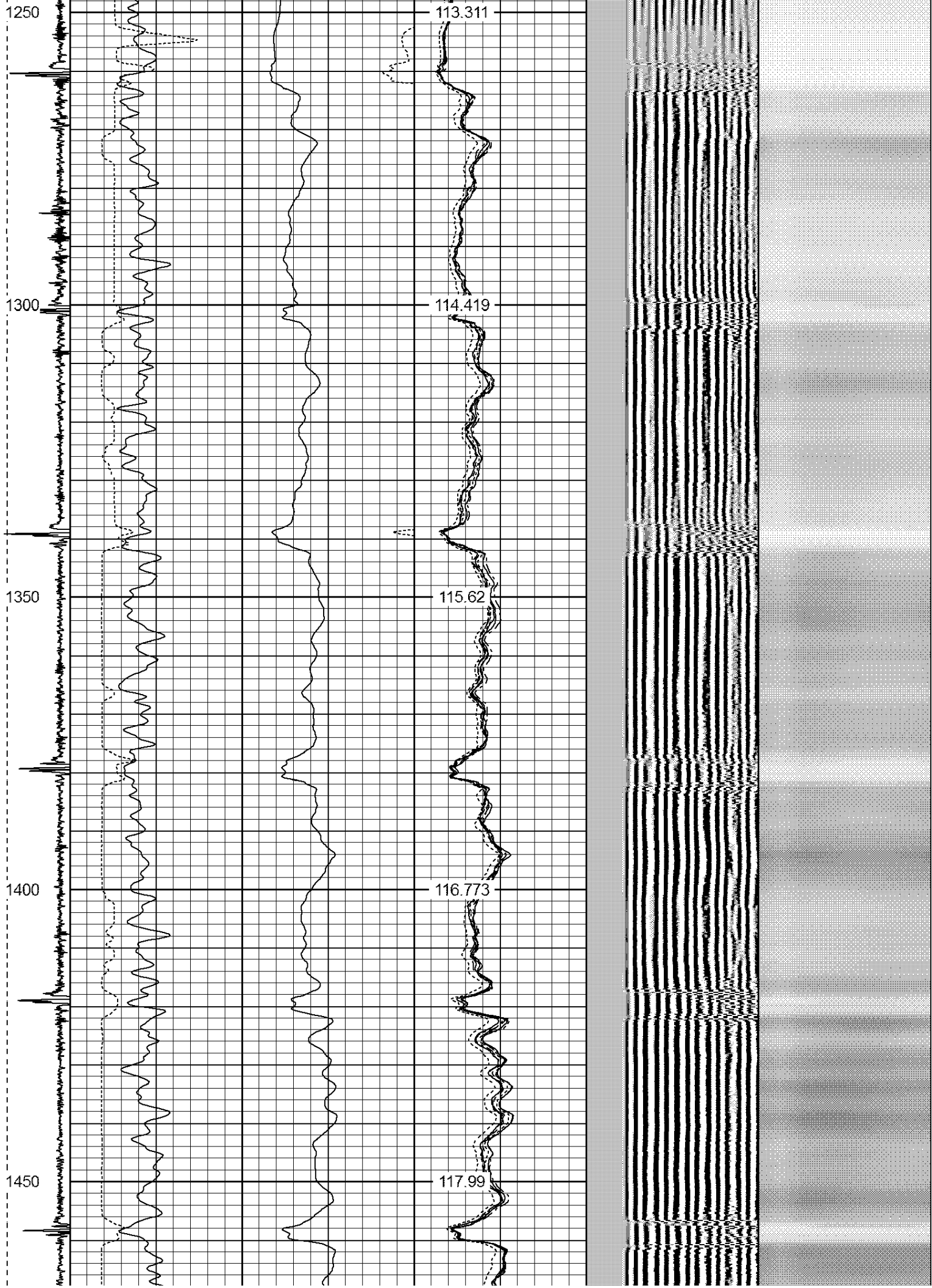


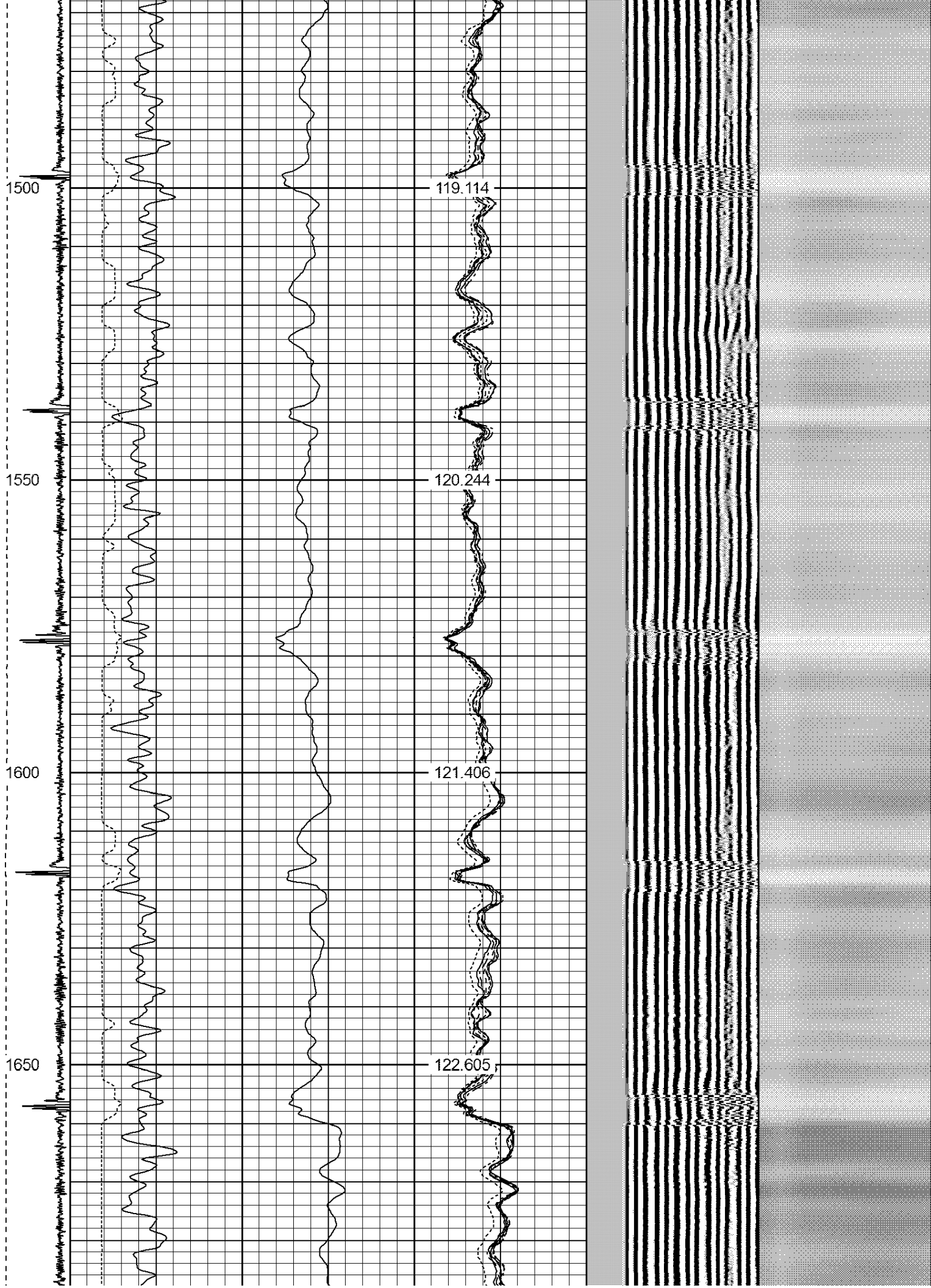


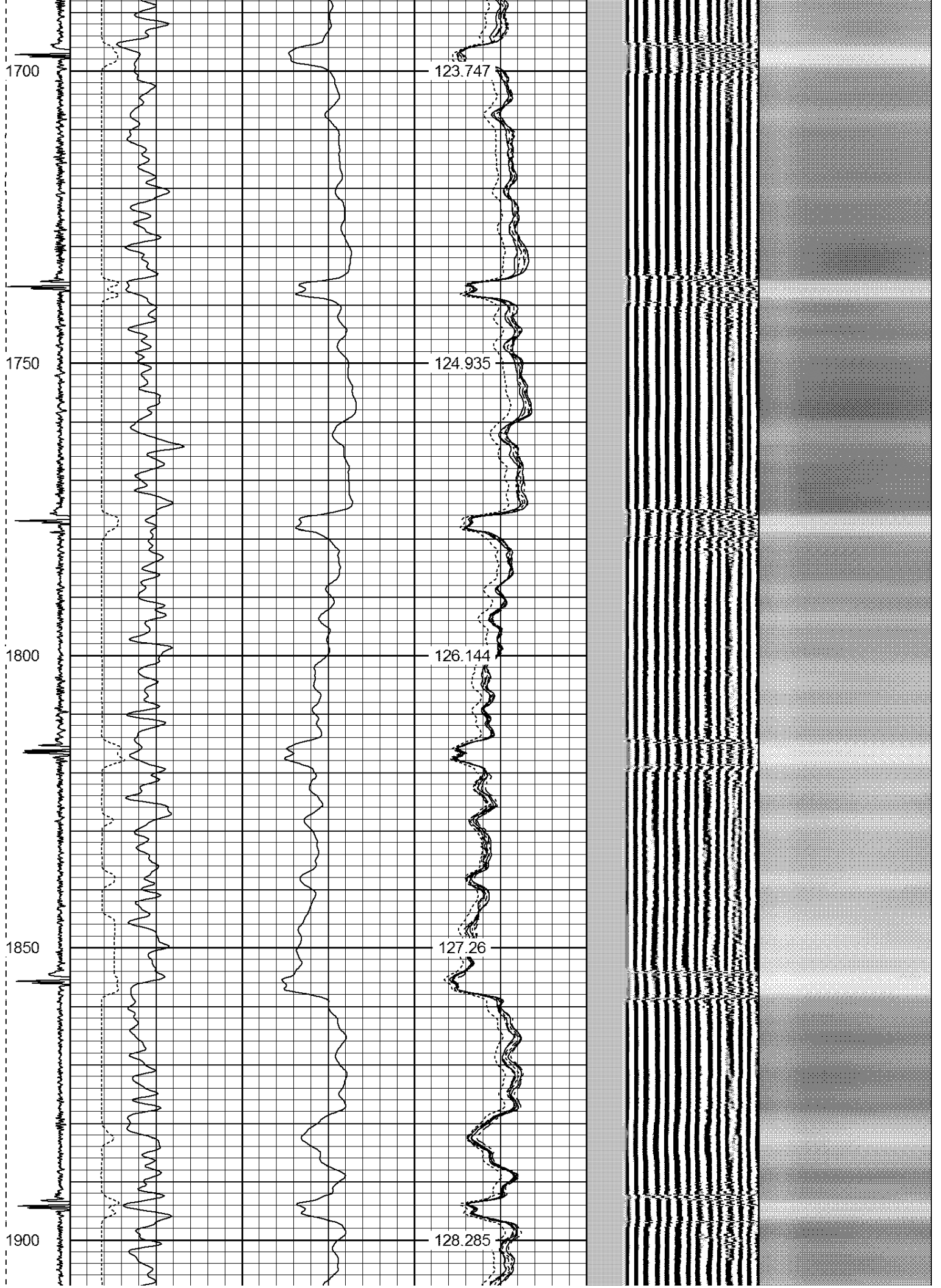


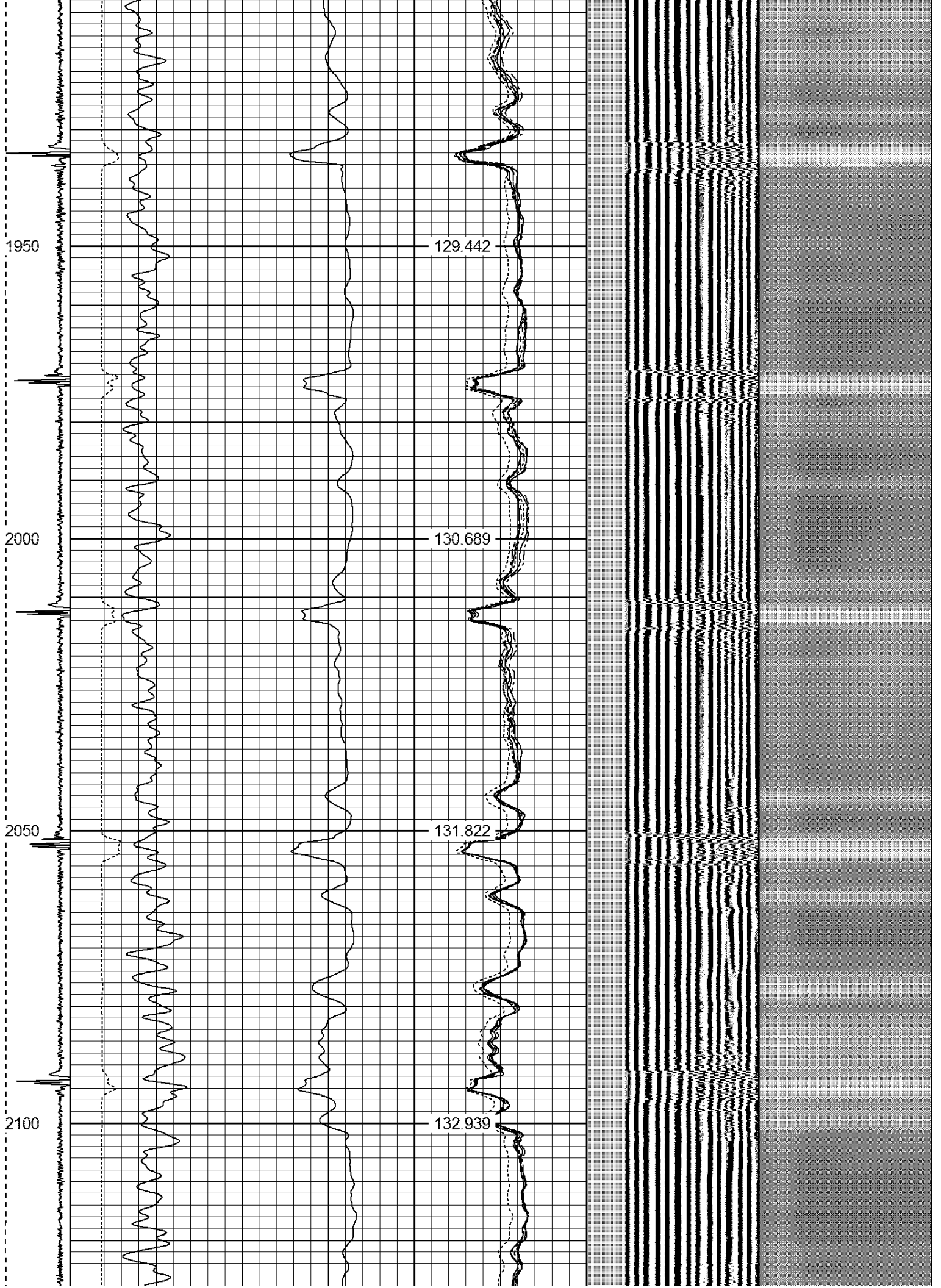


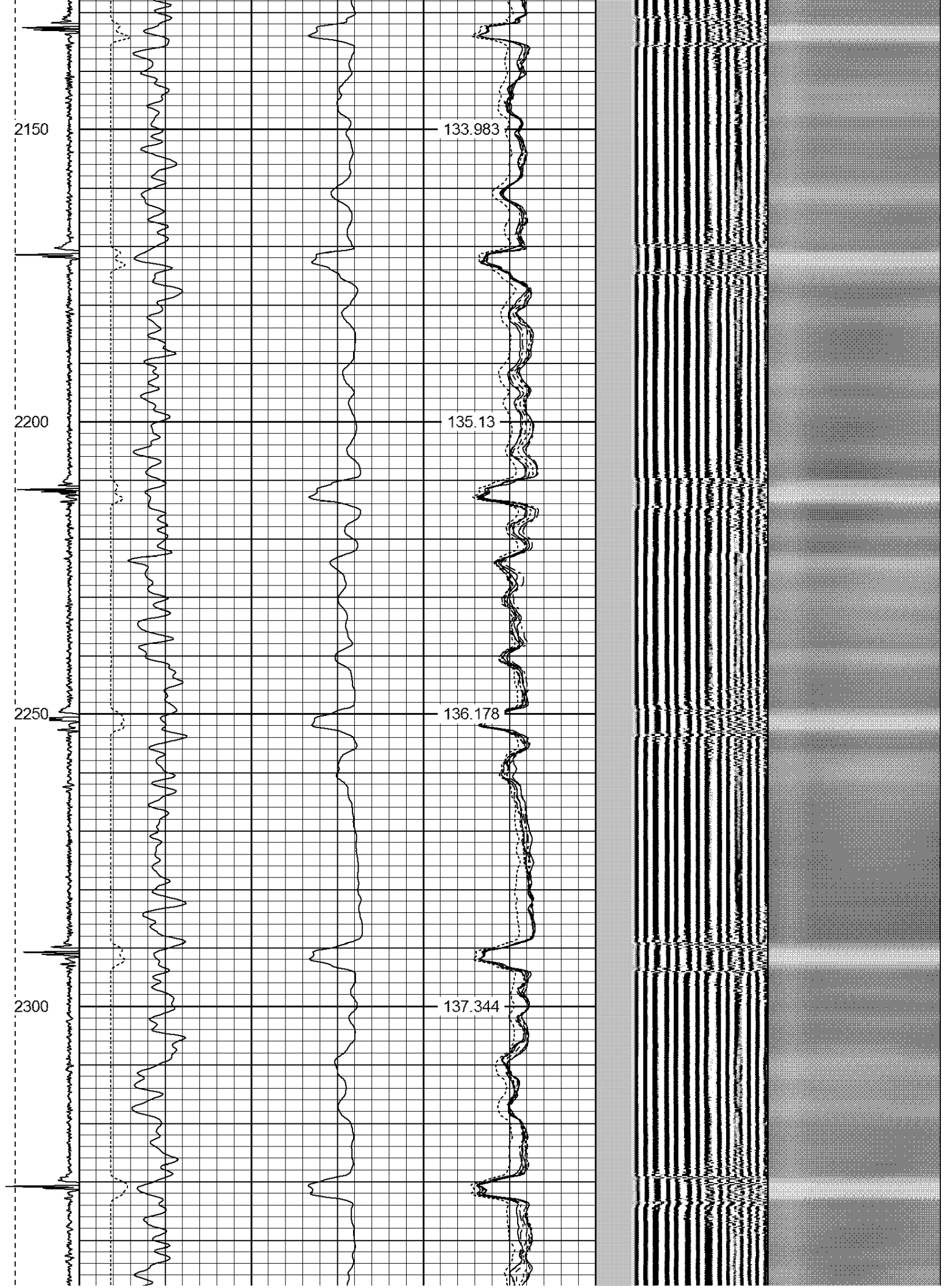












2350

2400

2450

2500

2550

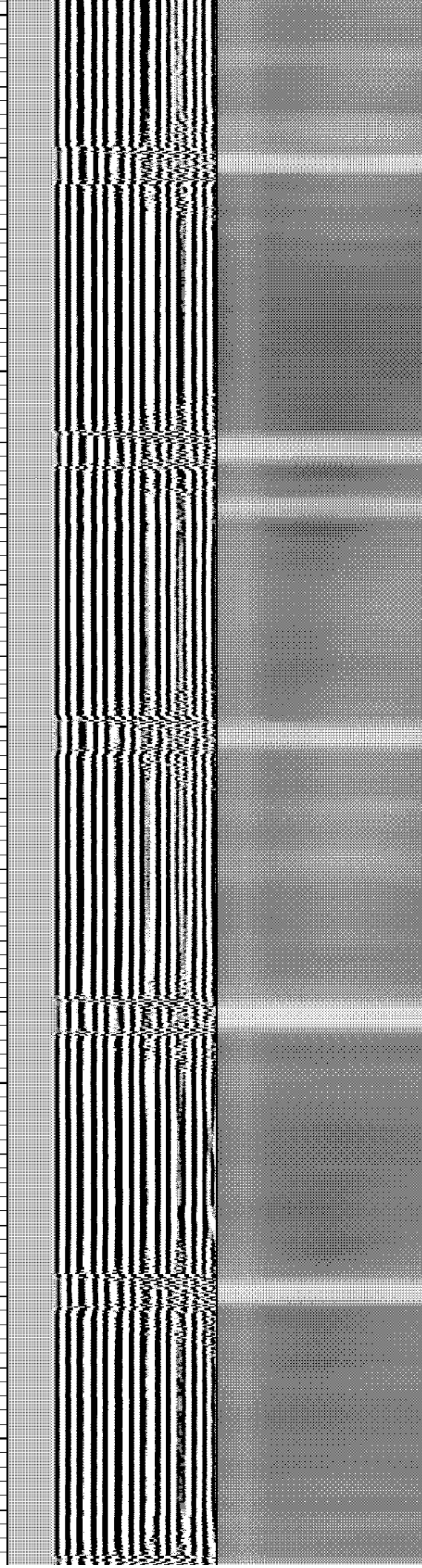
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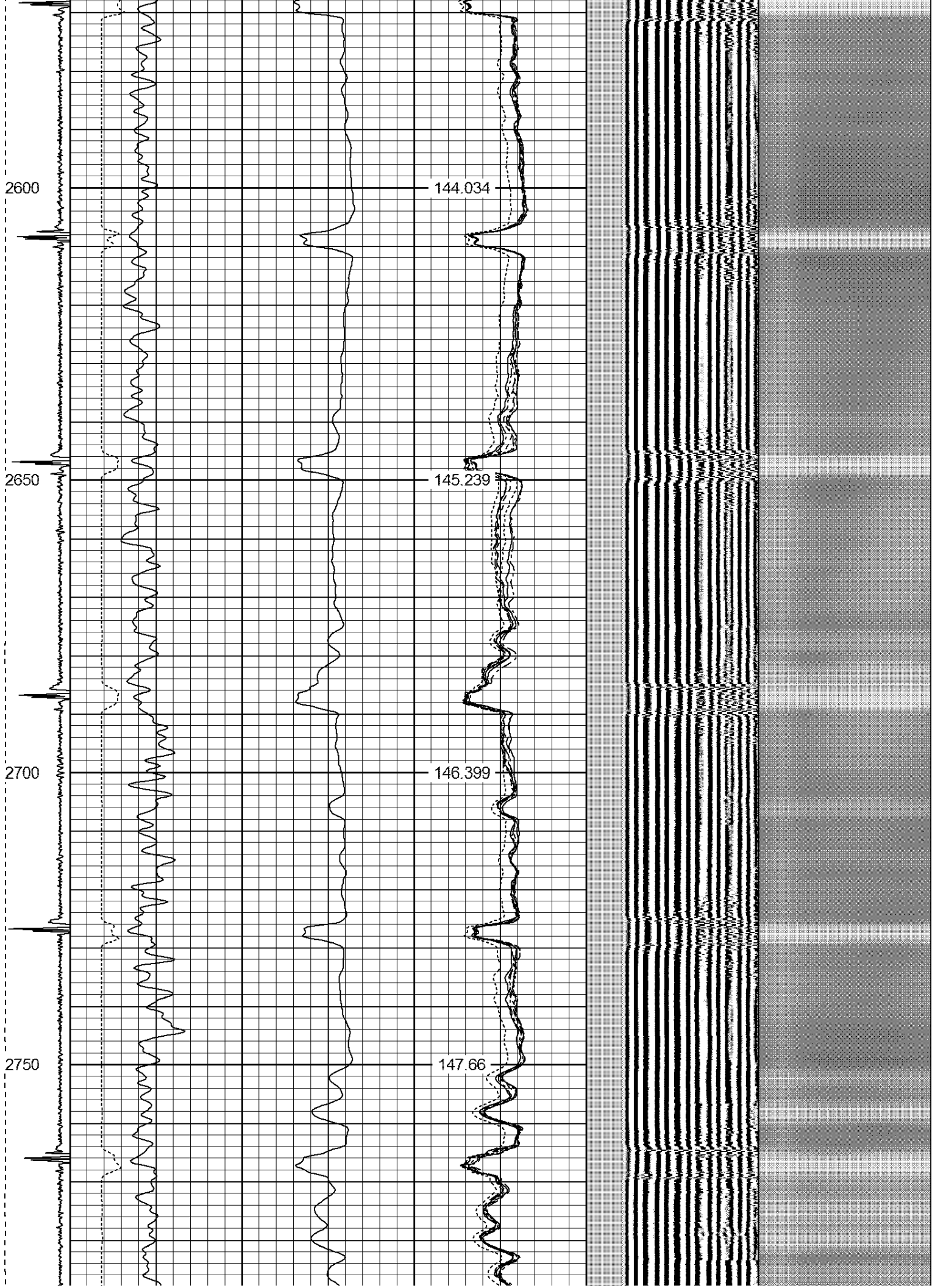
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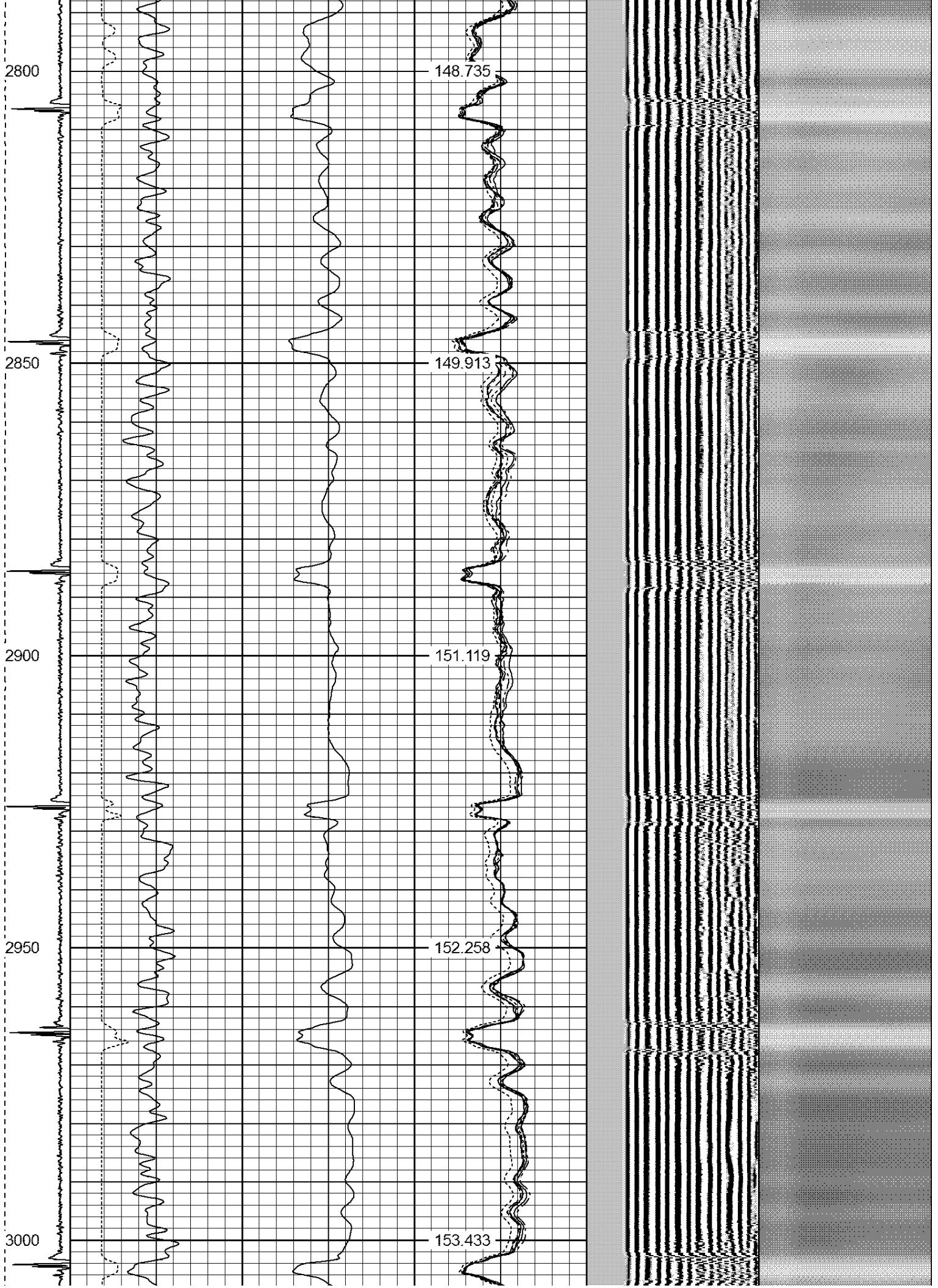
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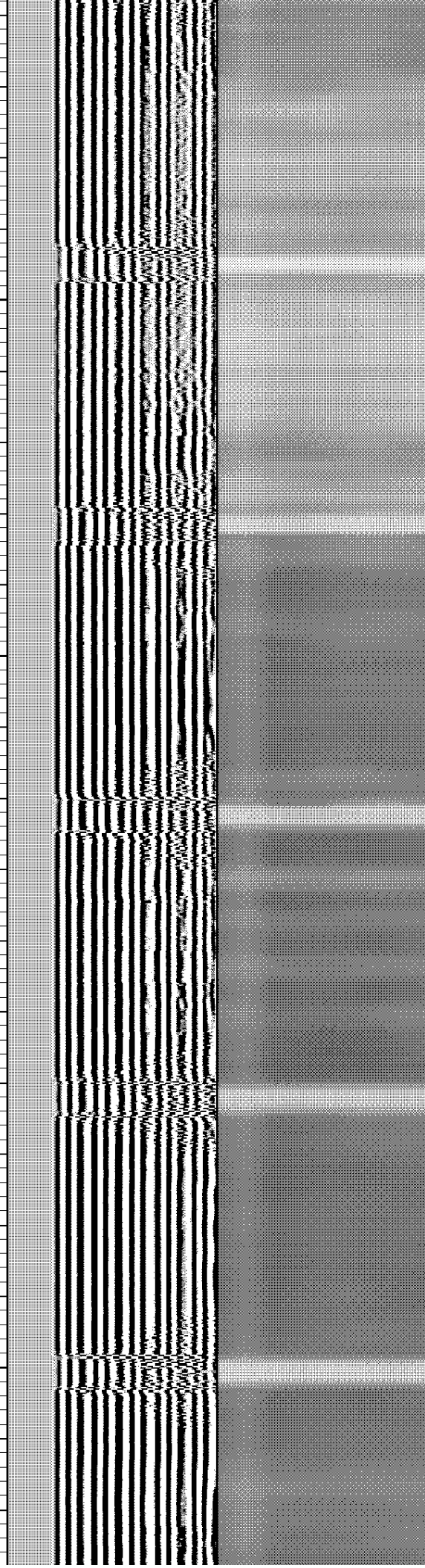
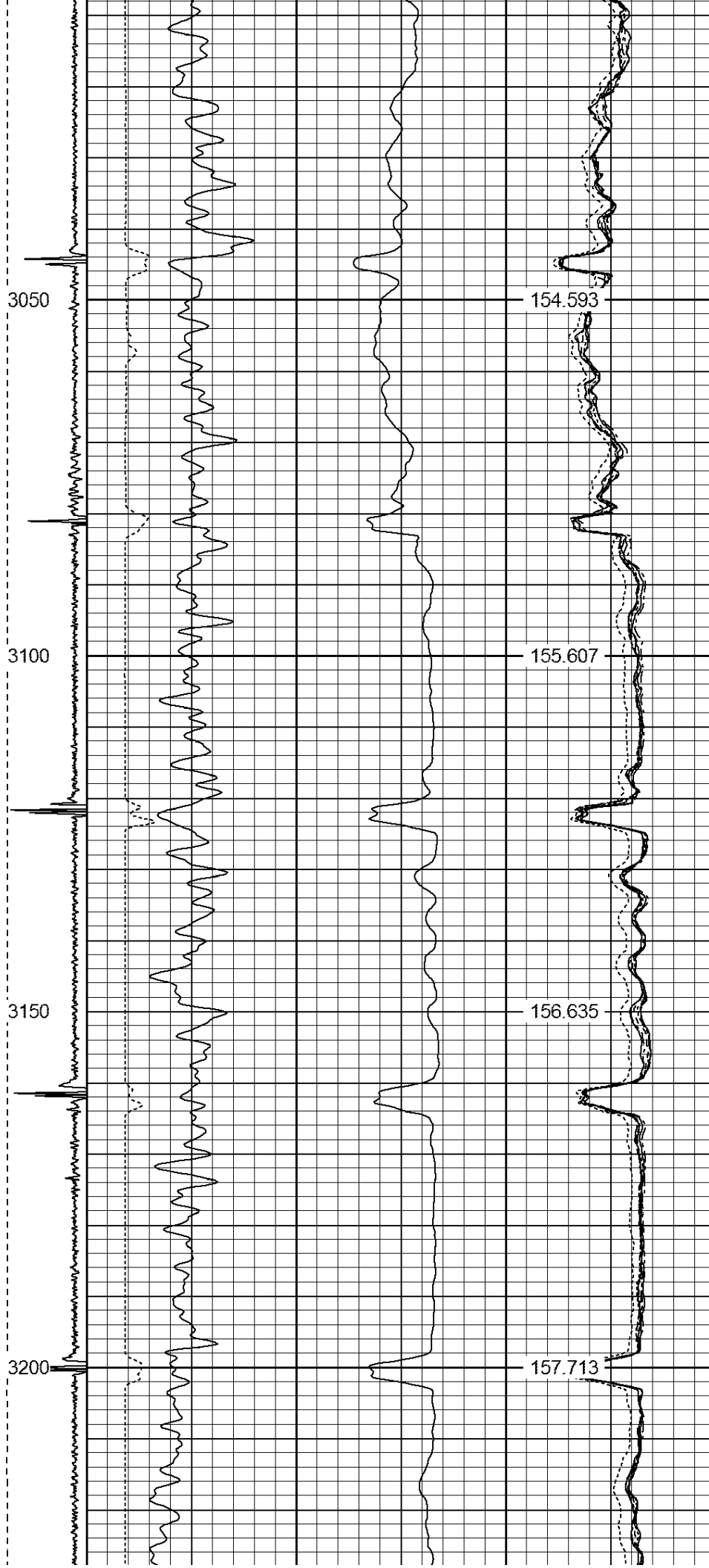
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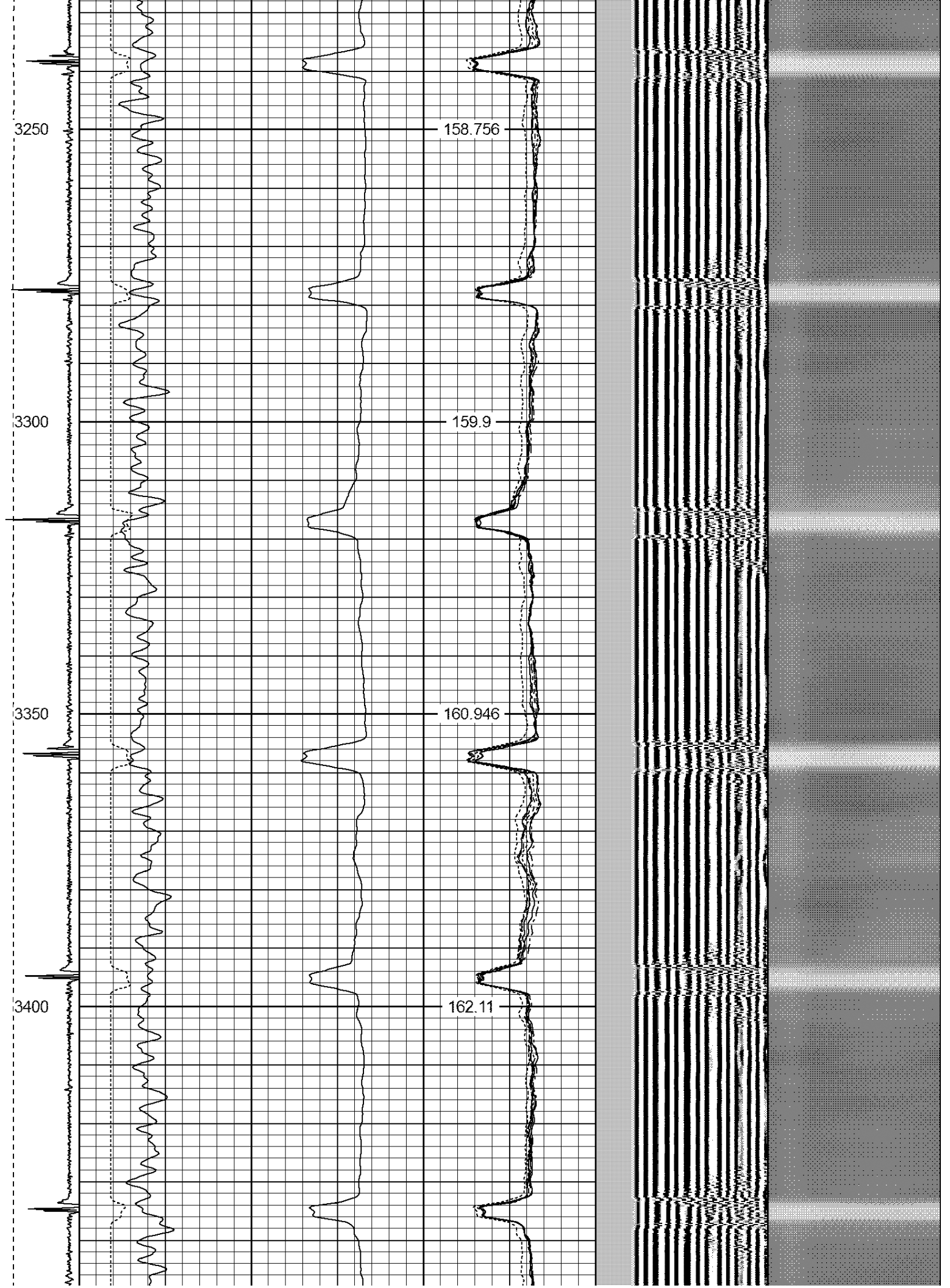
142.953











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3500

3550

3600

3650

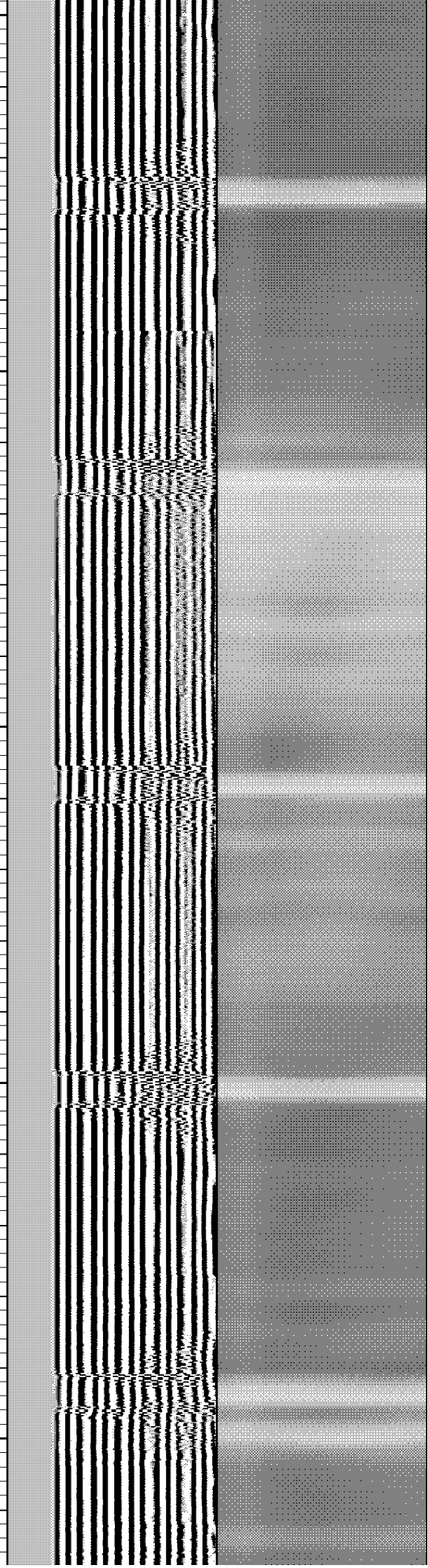
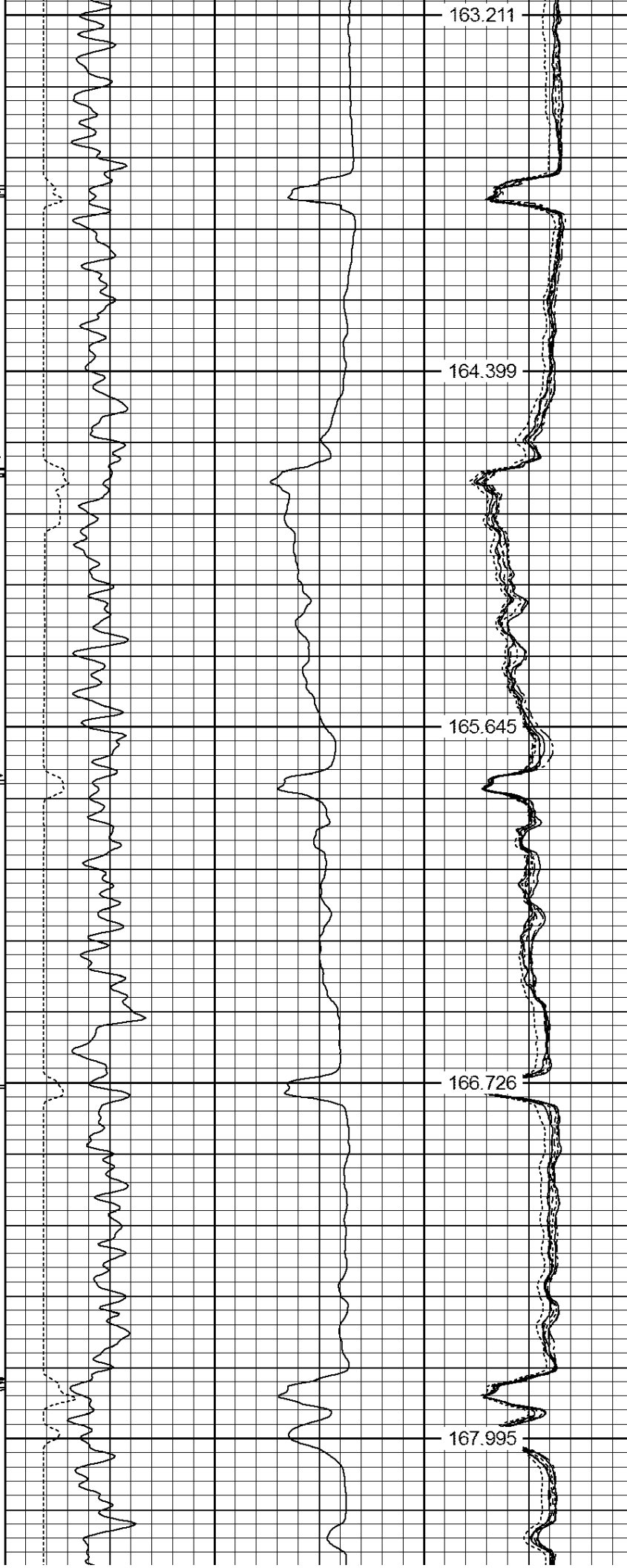
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164.399

165.645

166.726

167.995



3700

169.215

3750

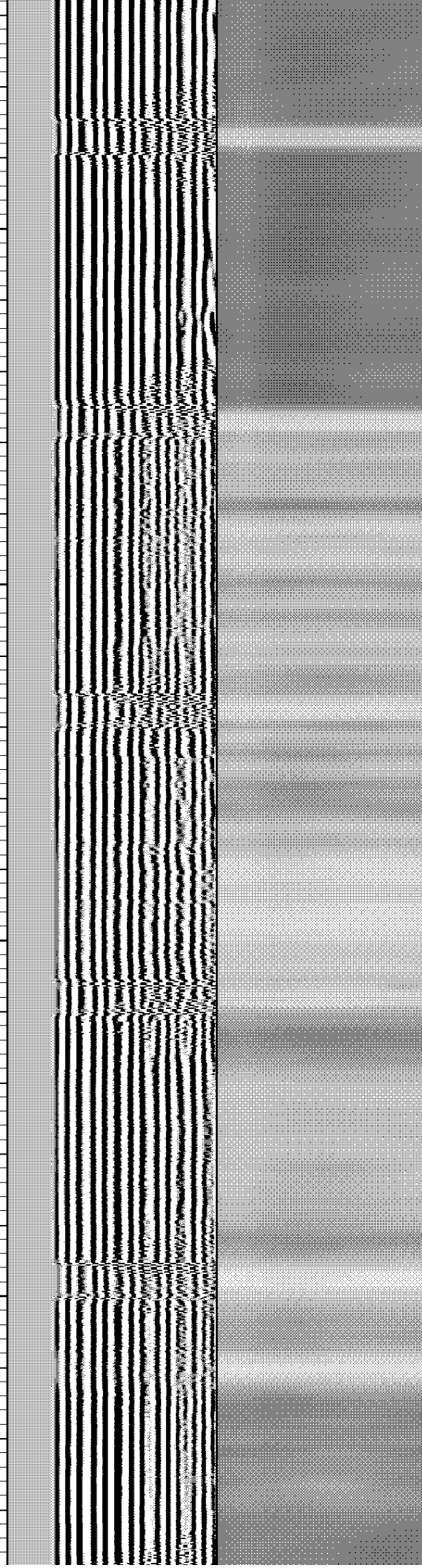
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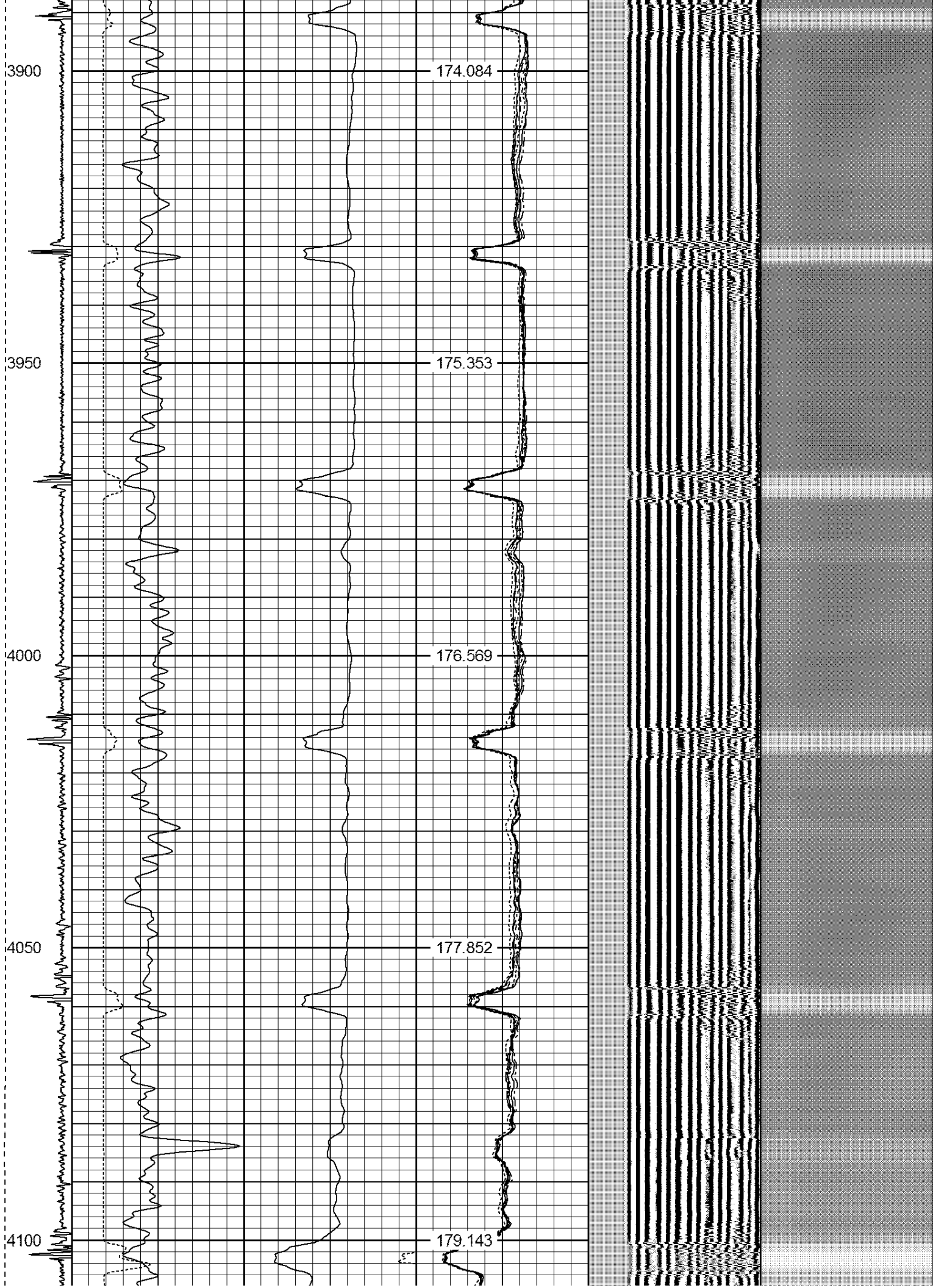
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171.656

3850

172.87







4350

186.027

4400

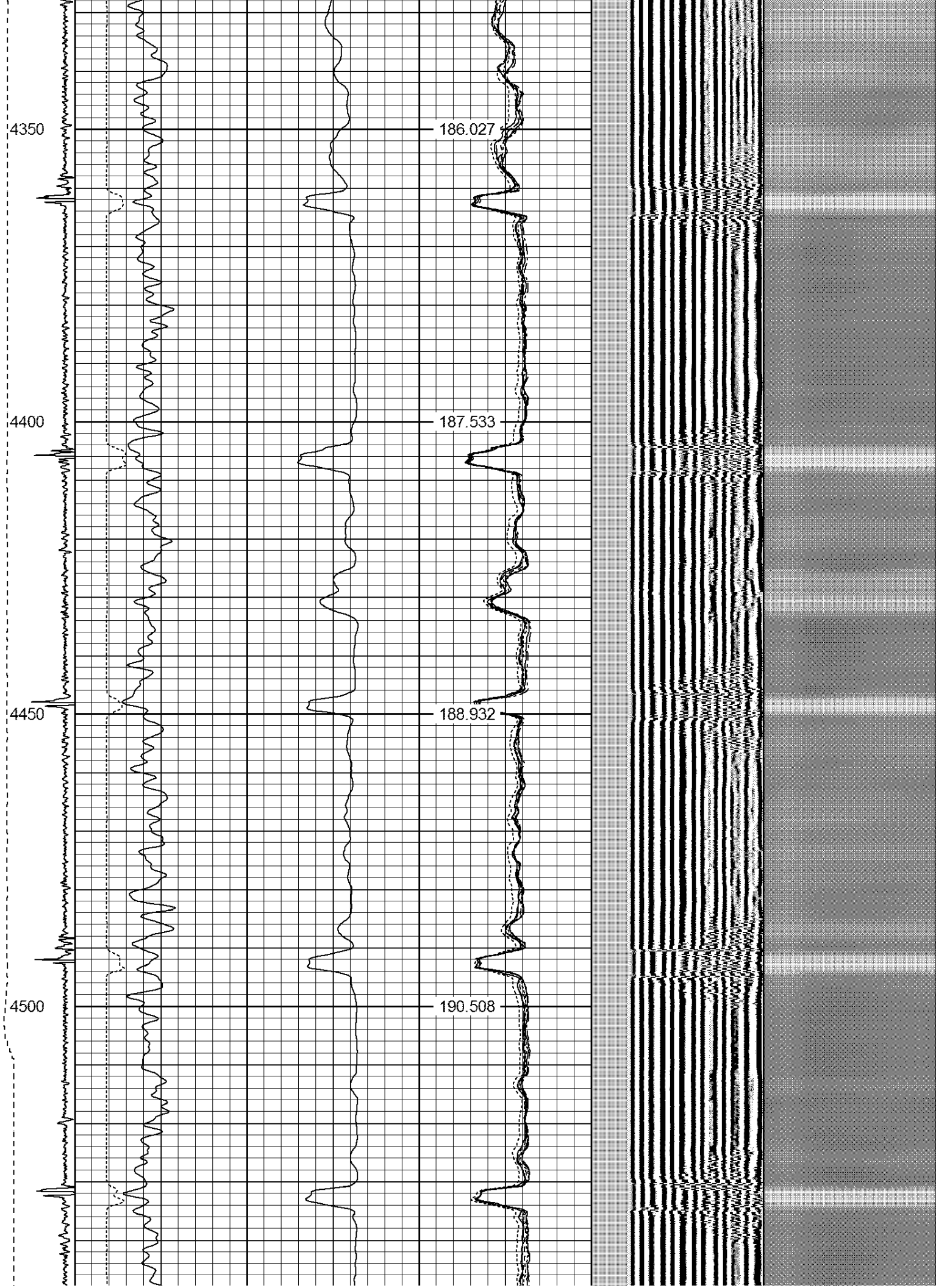
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4450

188.932

4500

190.508



4550

4600

4650

4700

4750

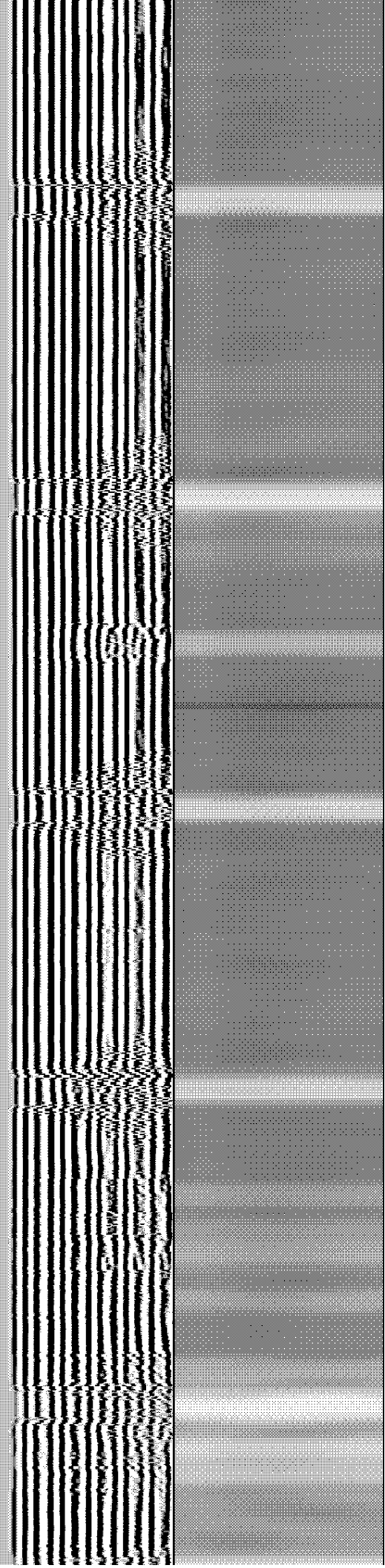
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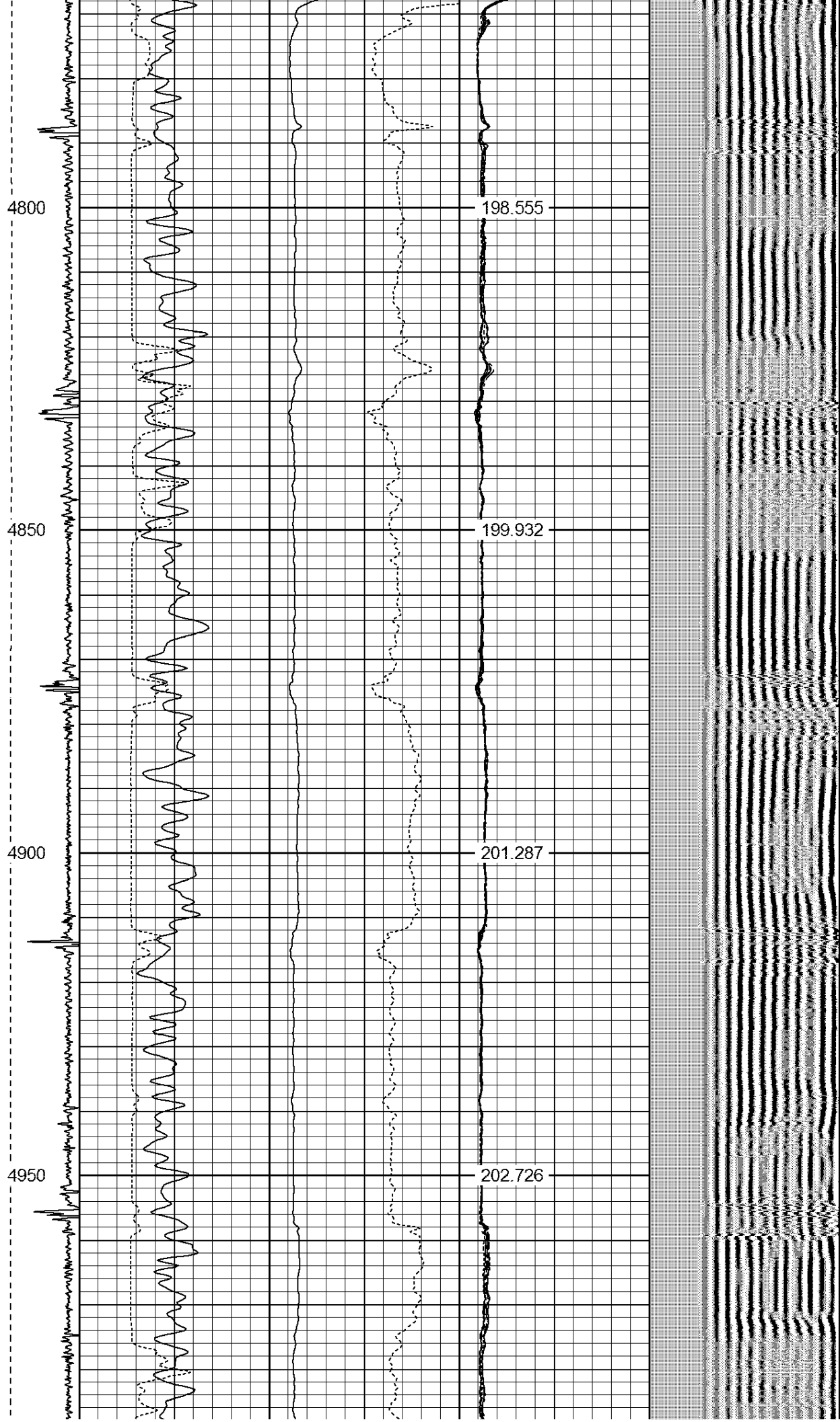
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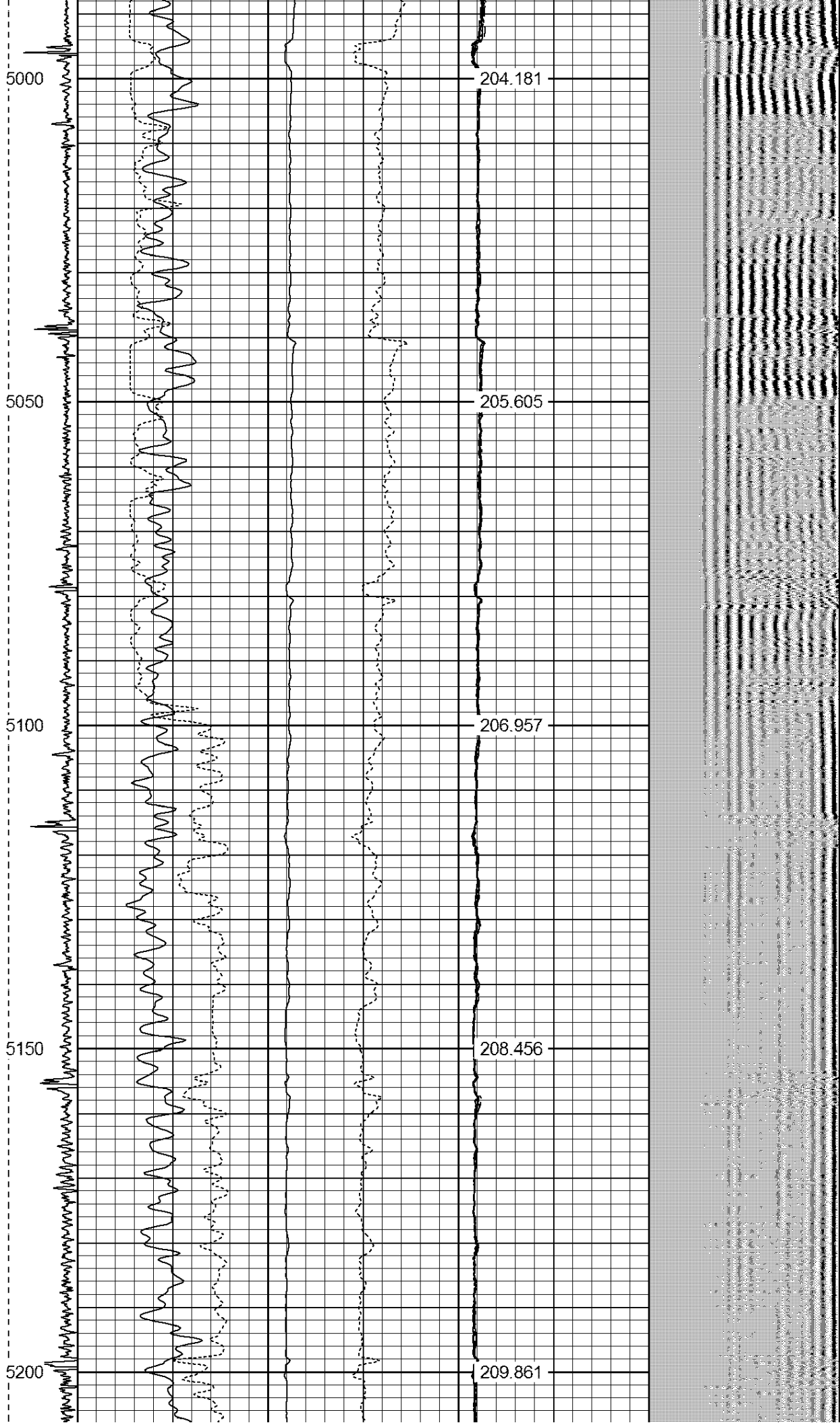
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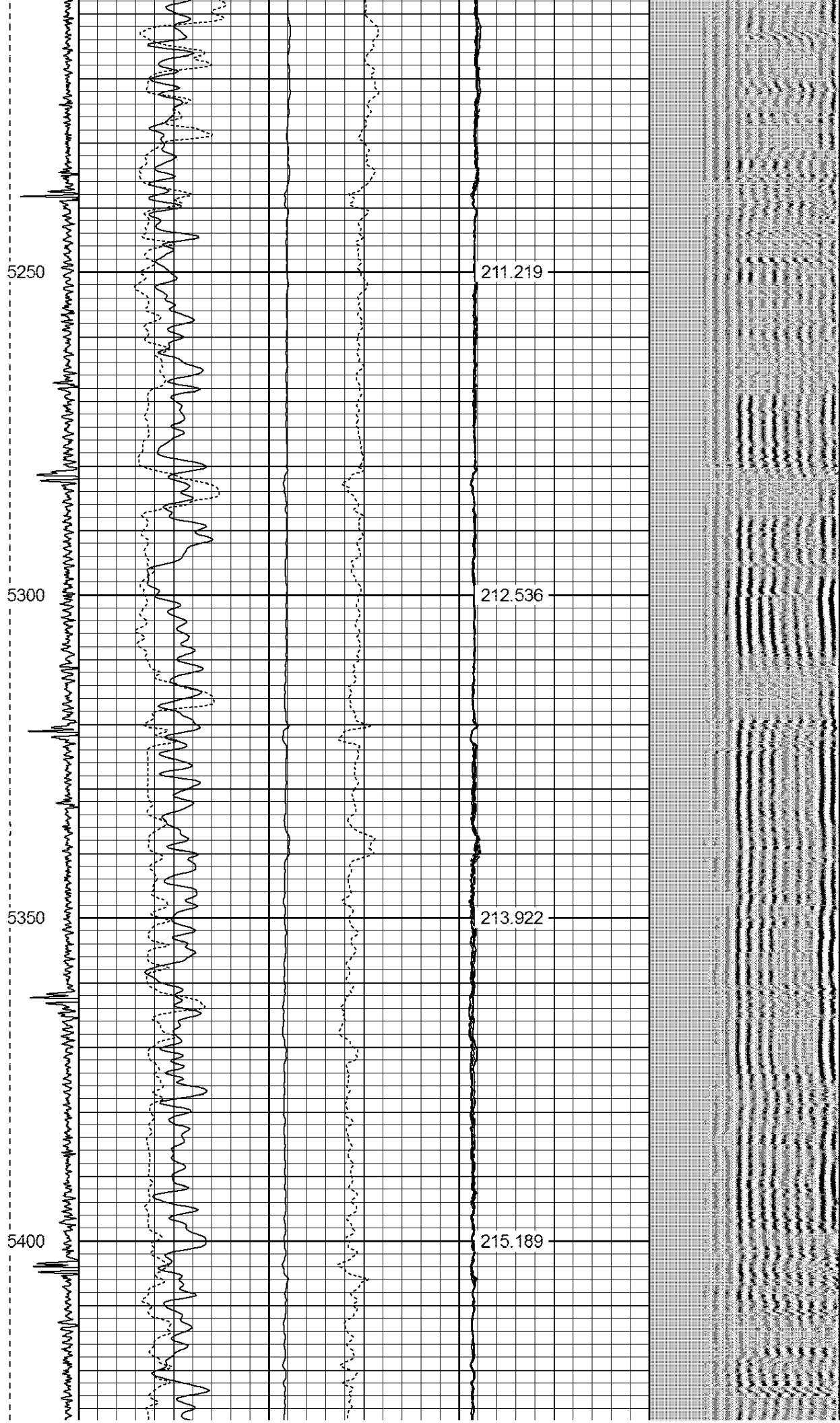
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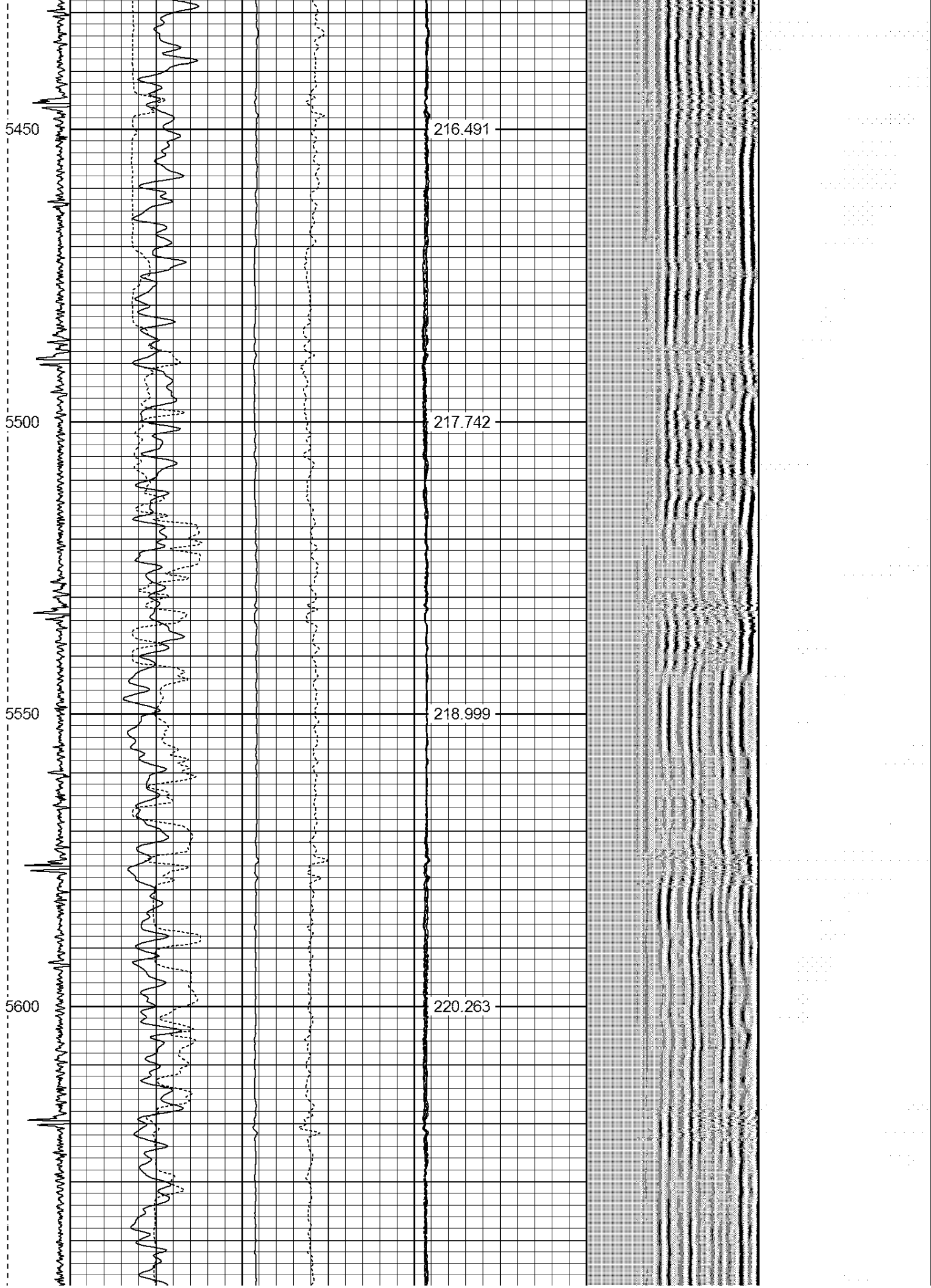
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5650

221.597

5700

222.788

5750

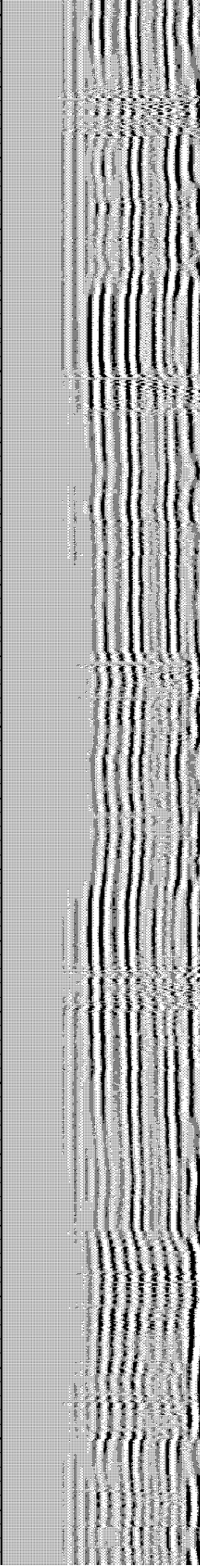
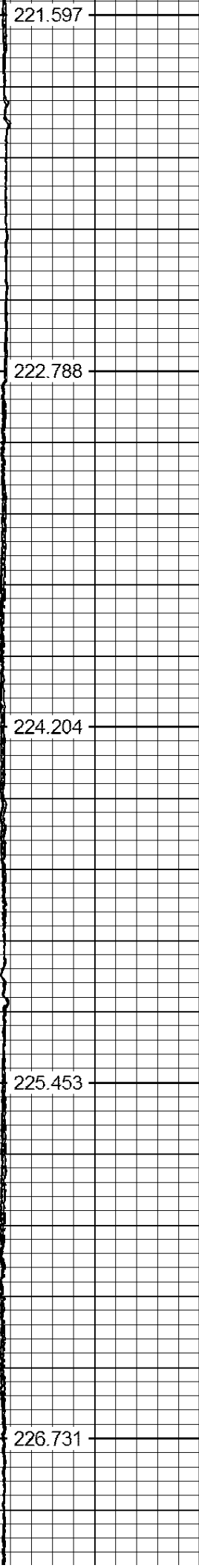
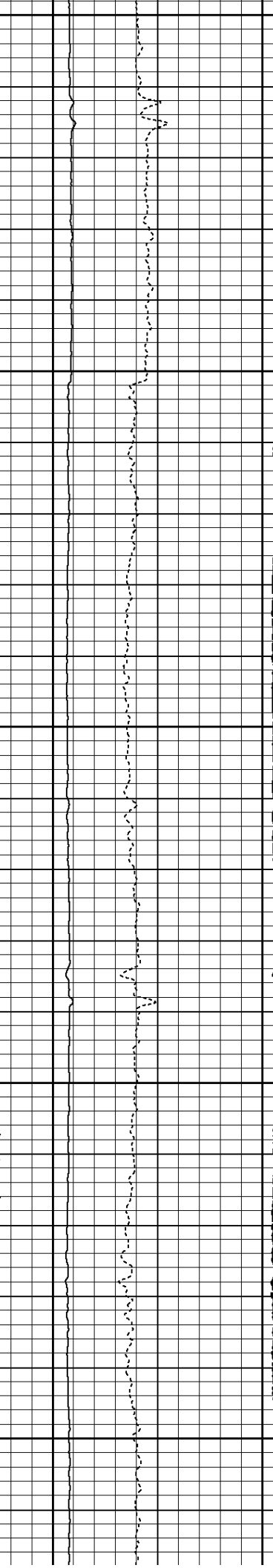
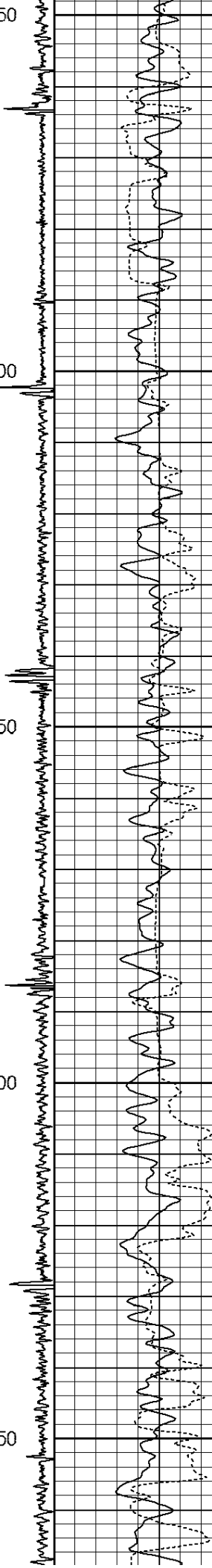
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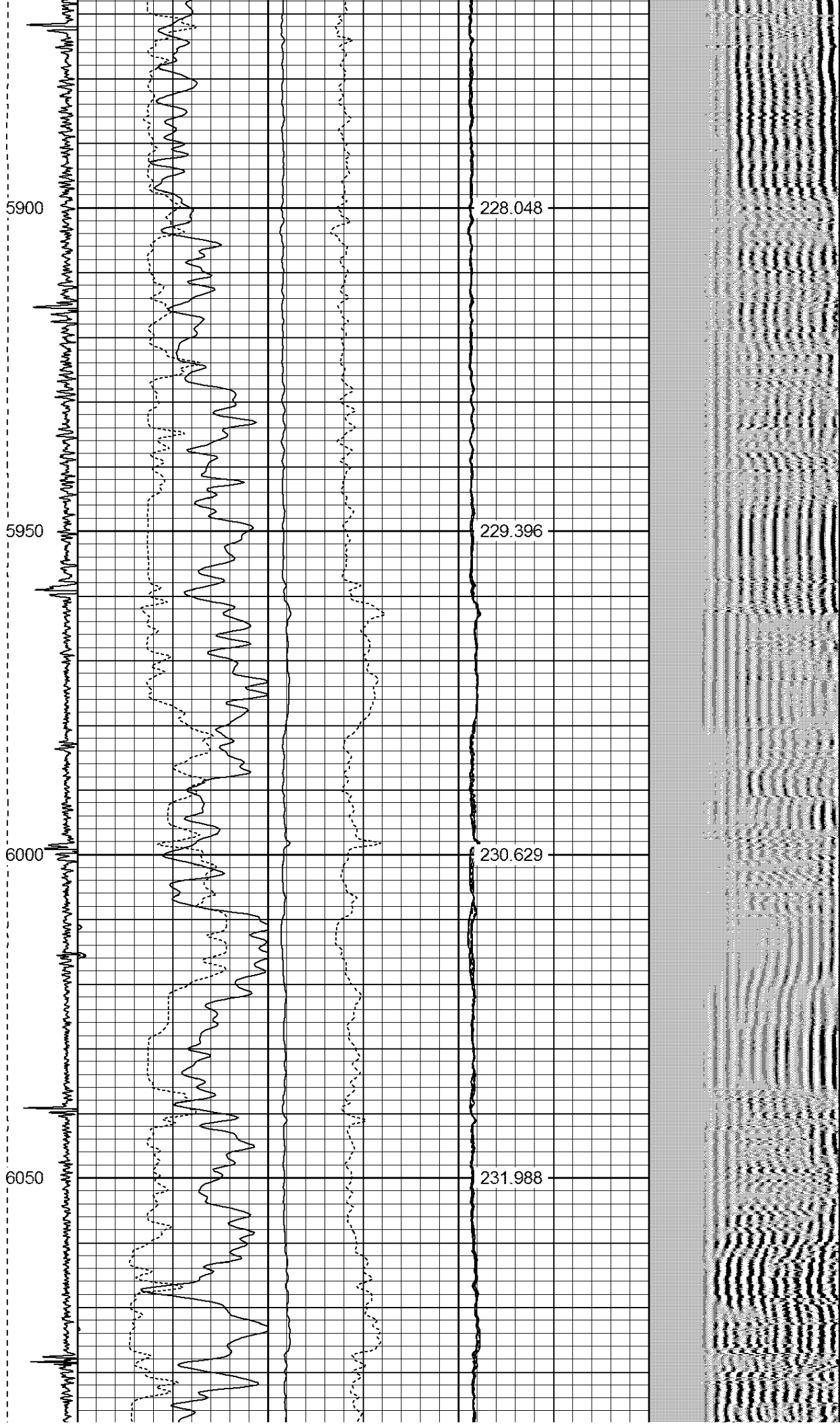
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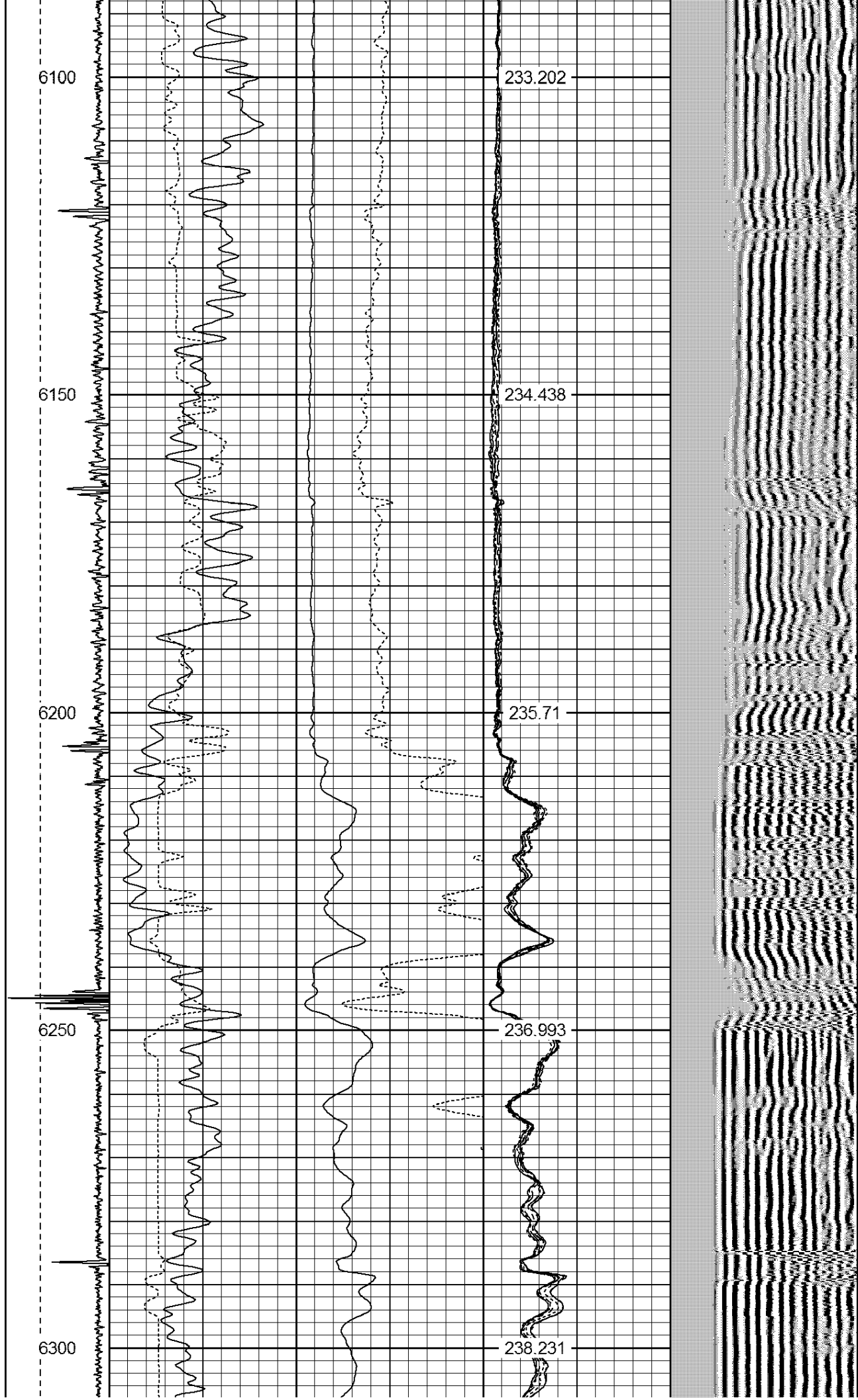
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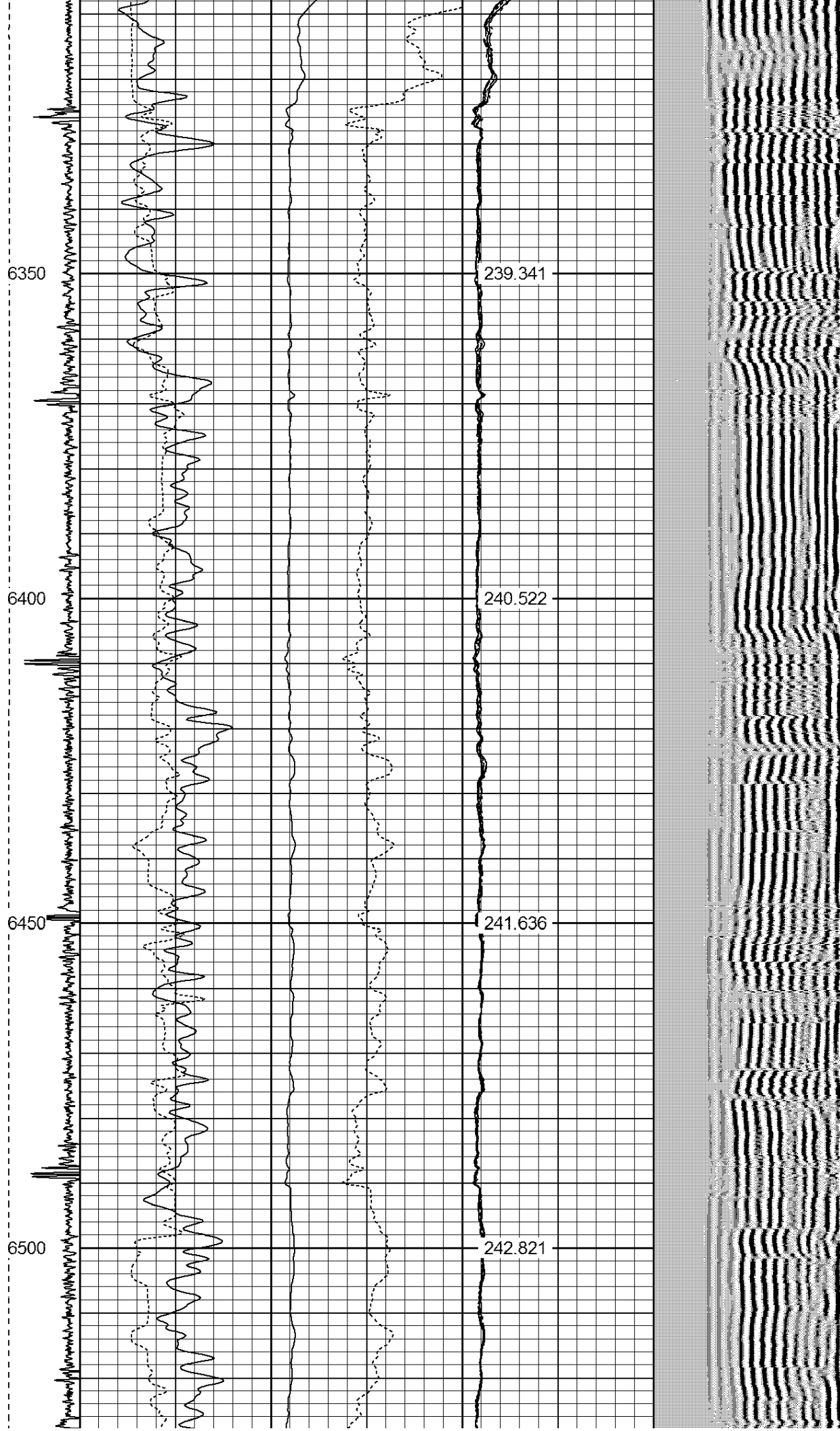
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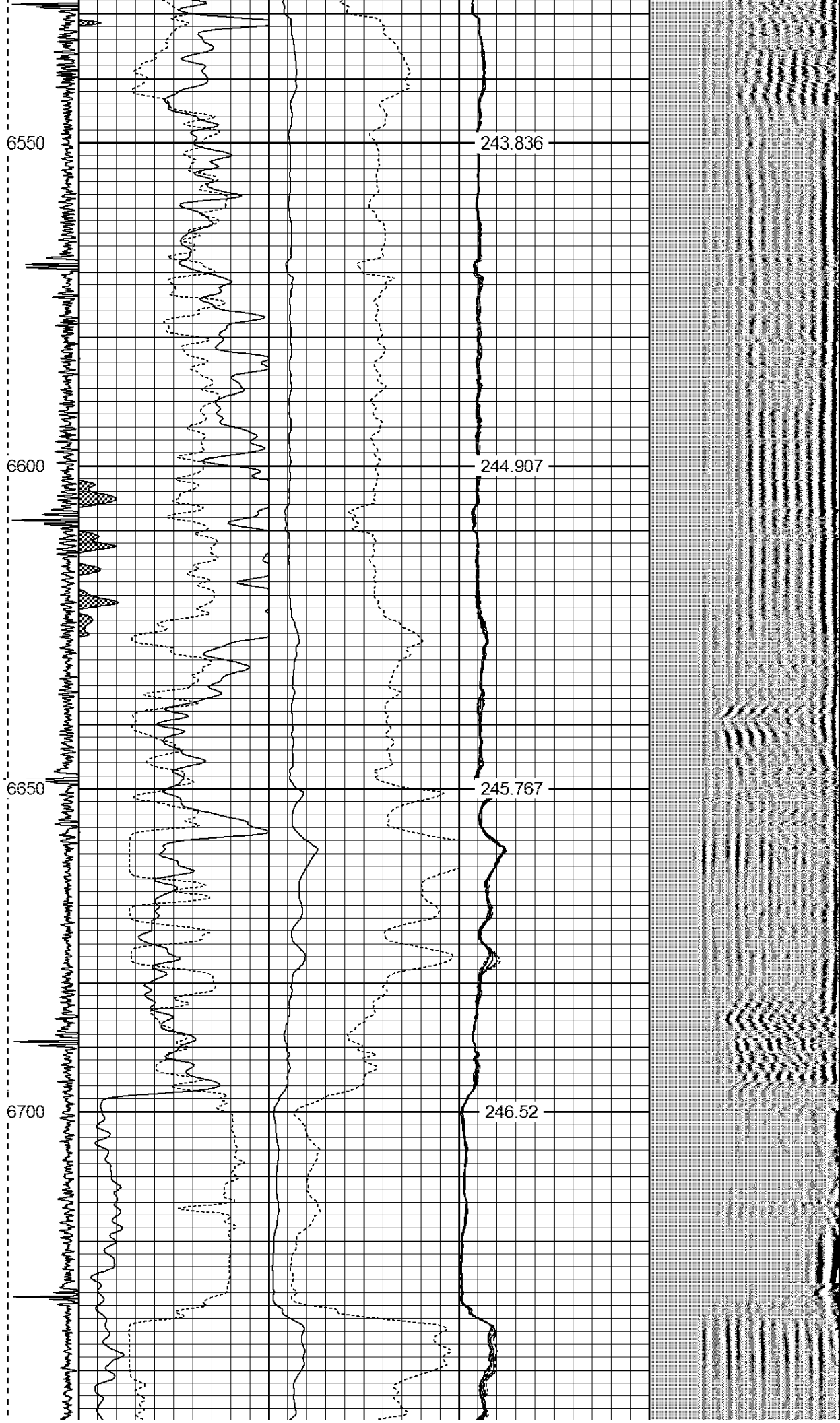
226.731











6750

247.322

6800

248.239

6850

249.212

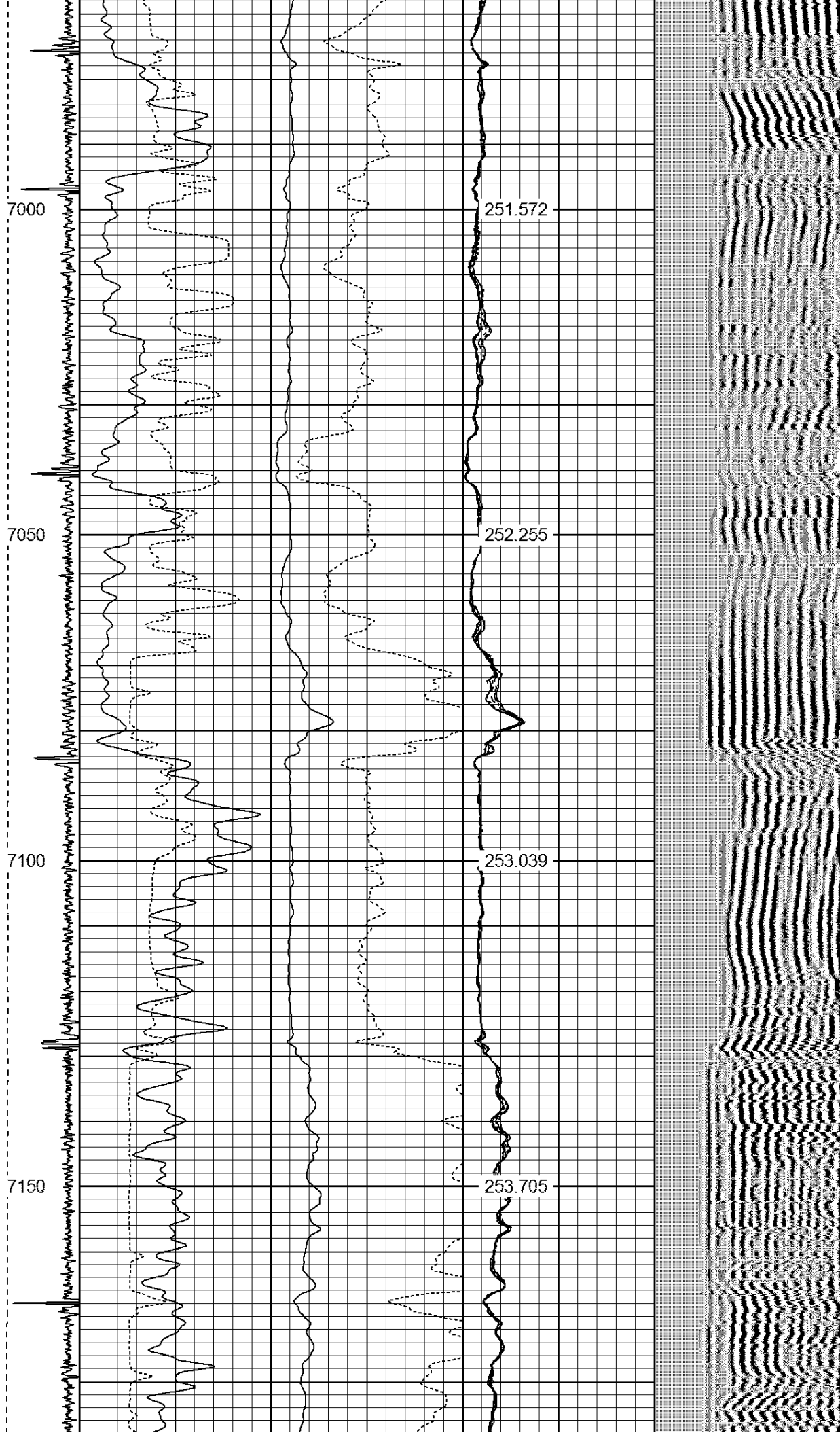
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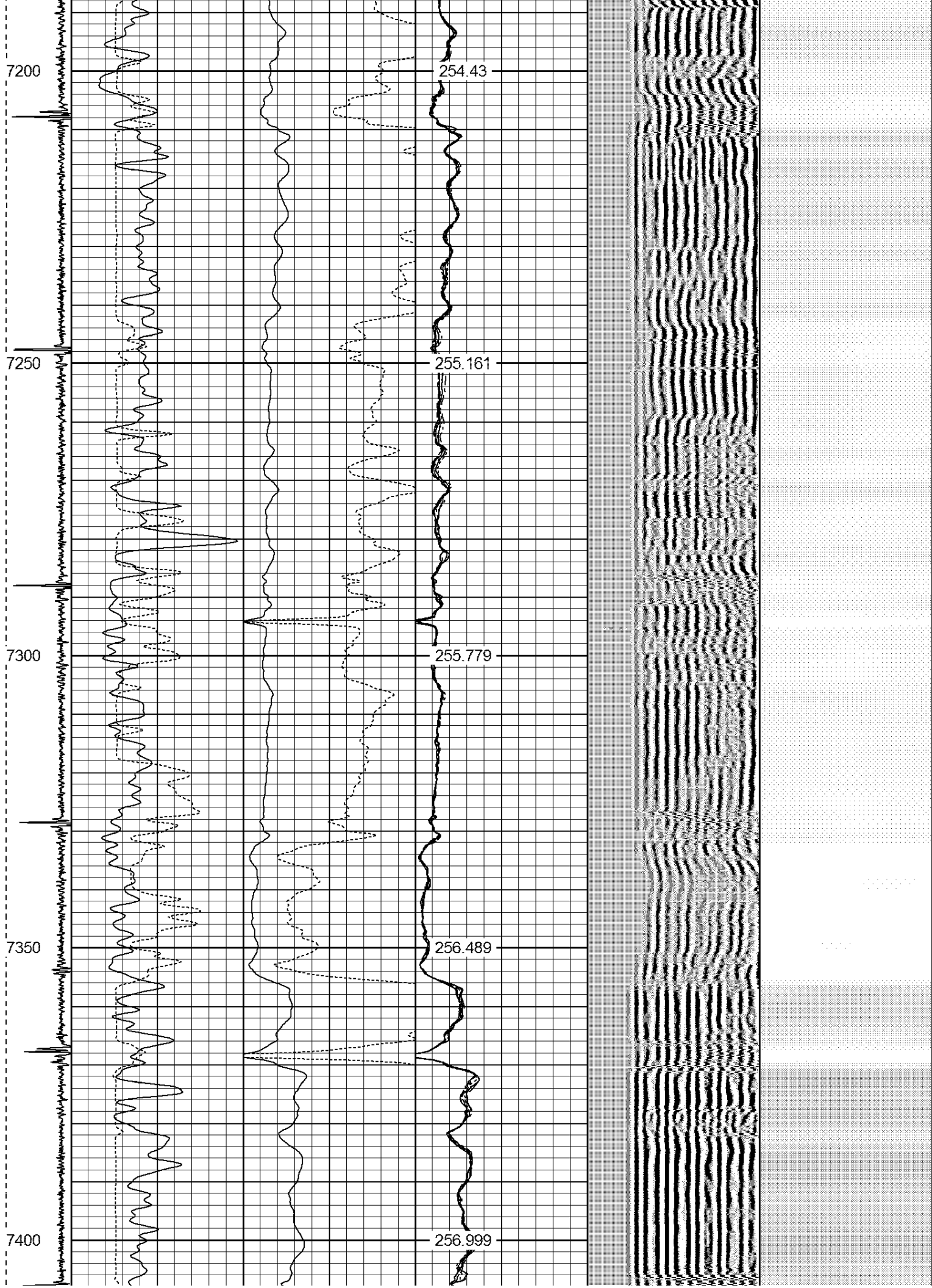
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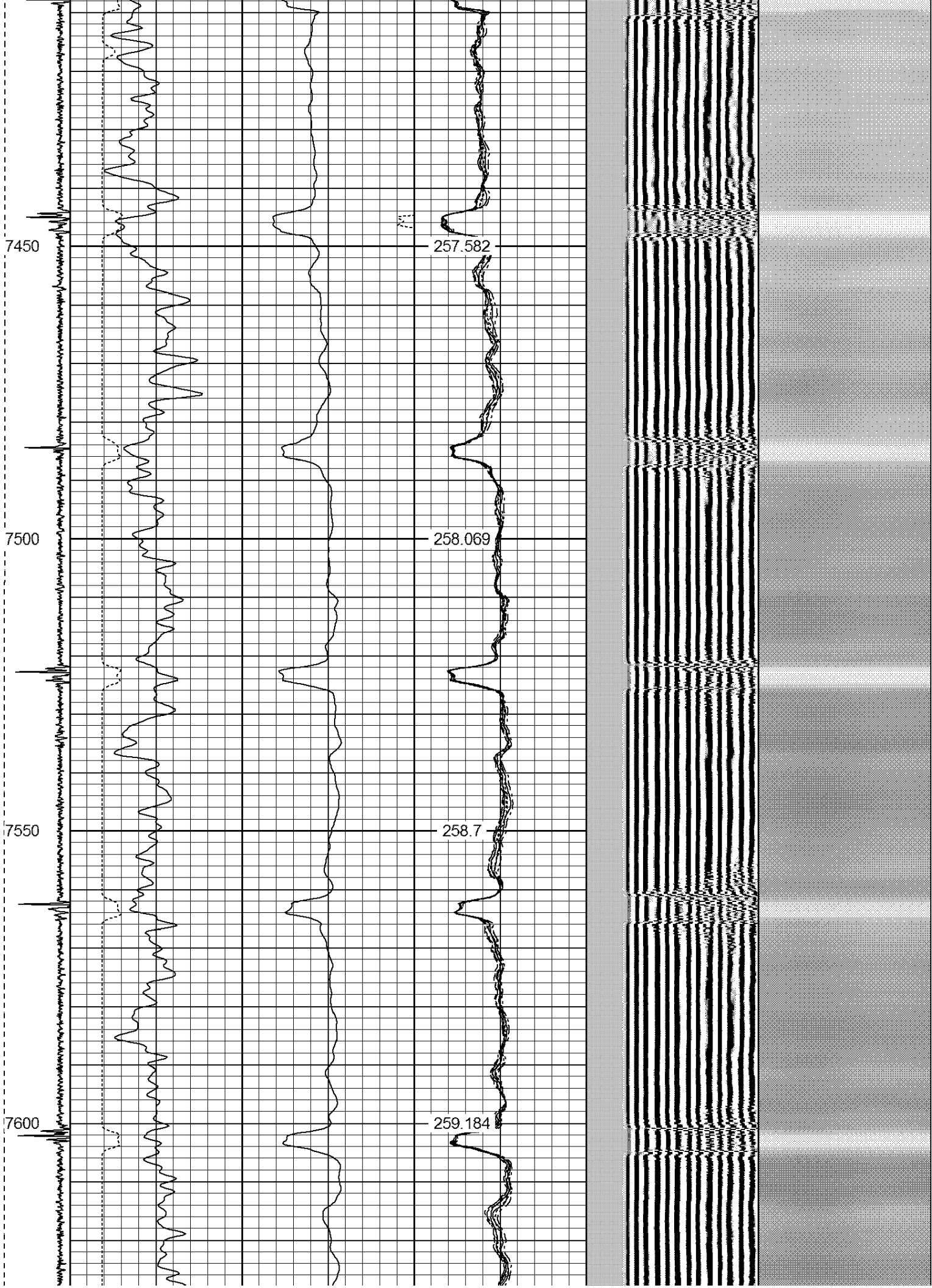
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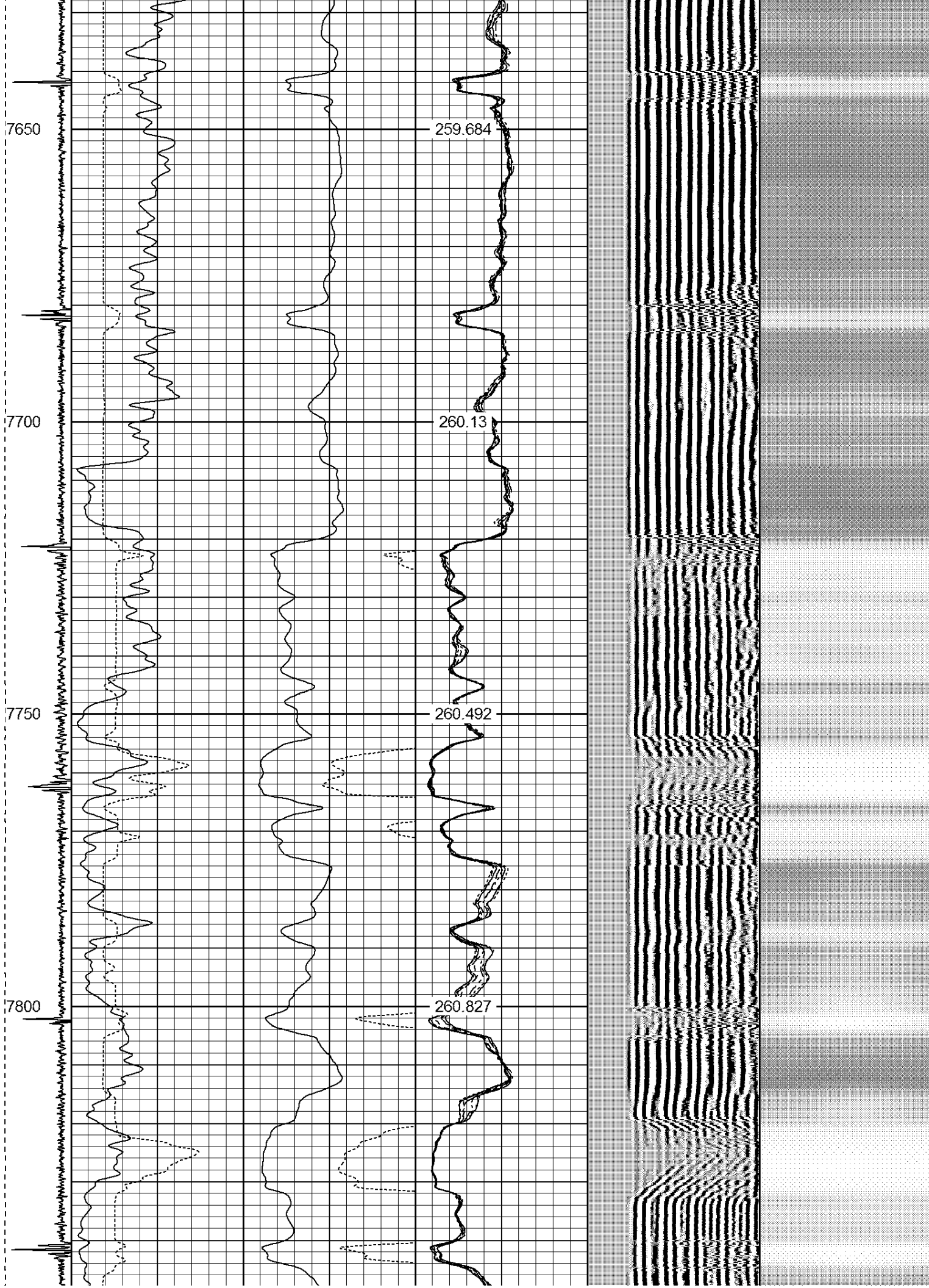
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7850

261.028

7900

261.396

7950

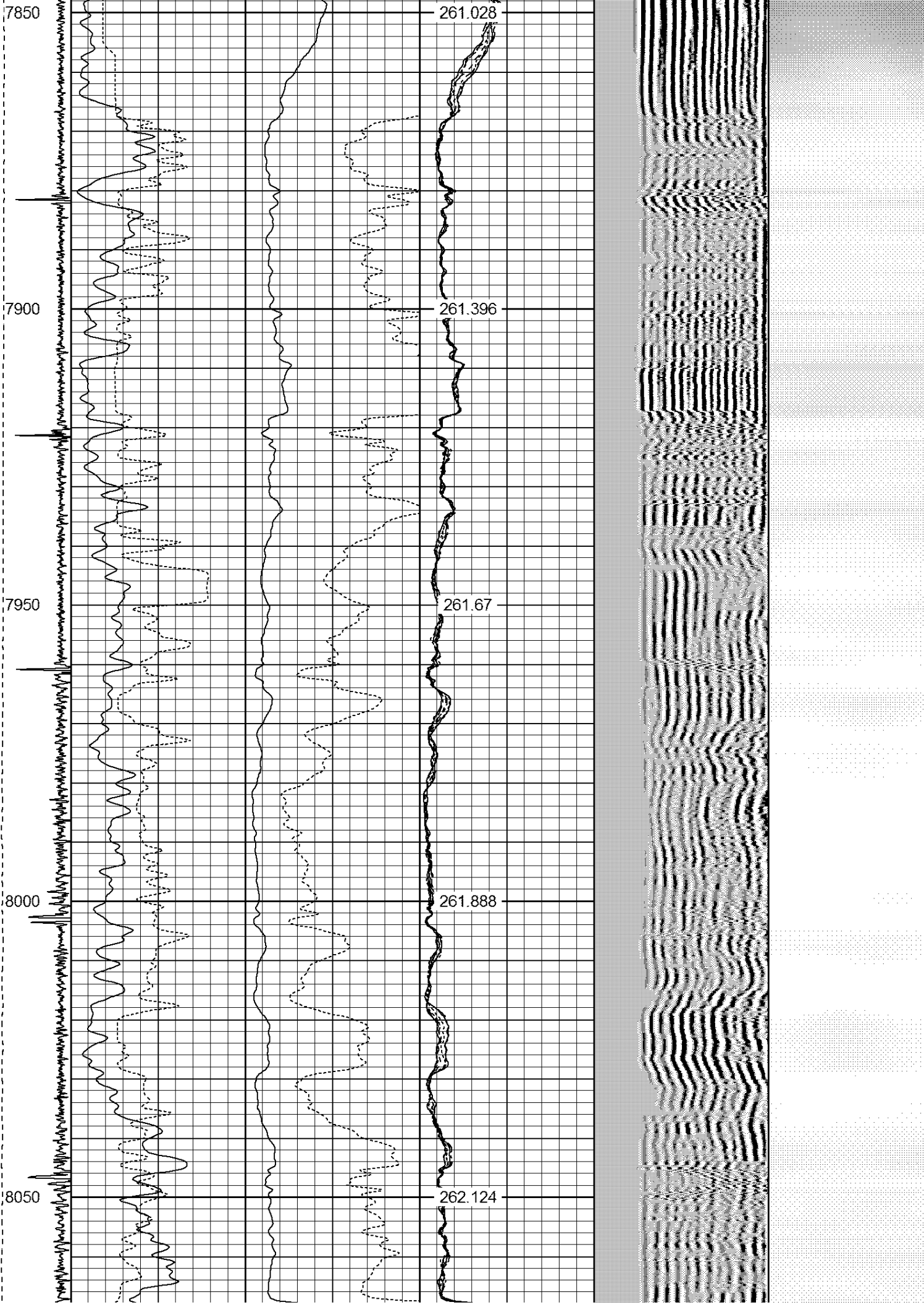
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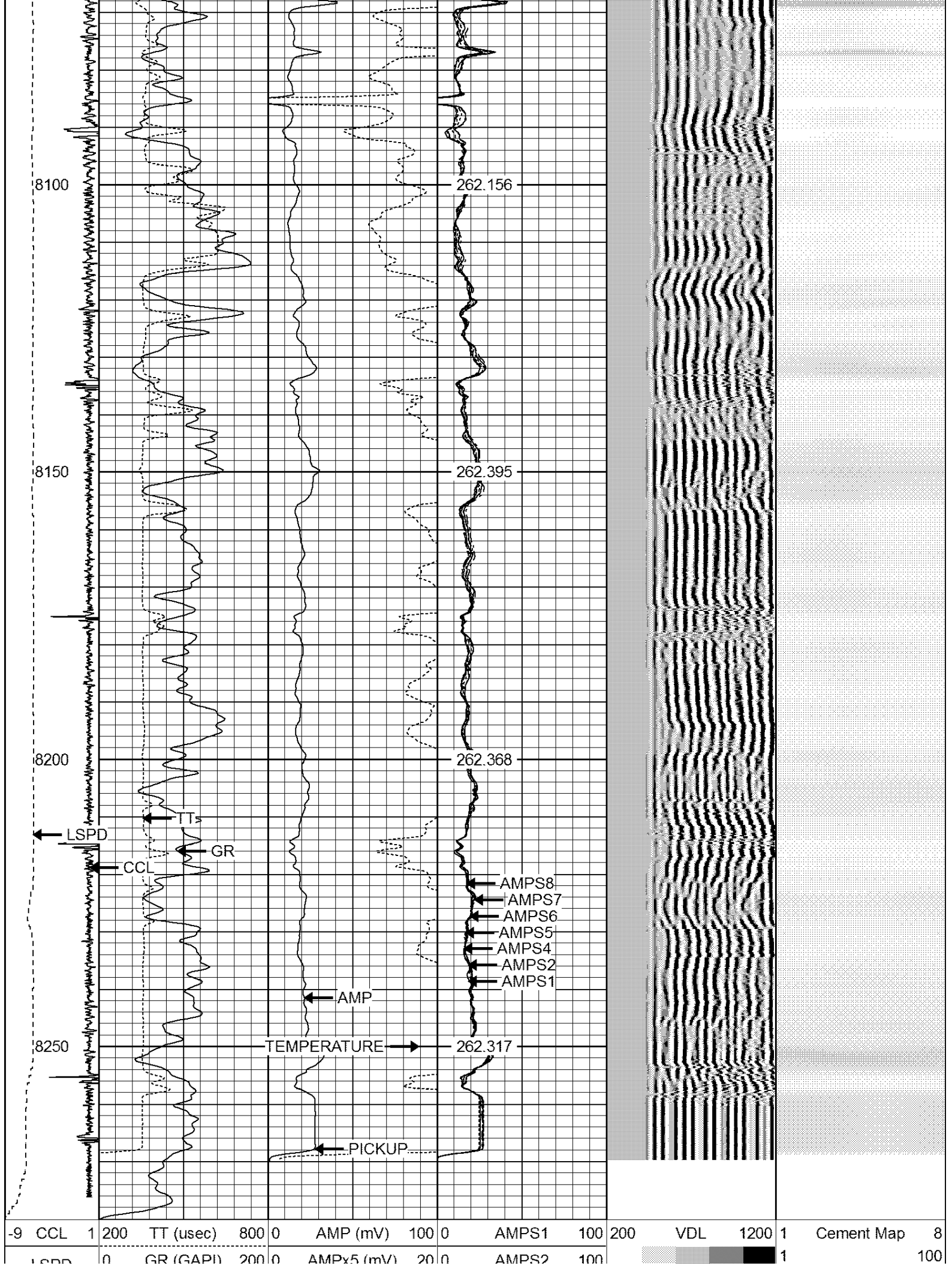
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8050

262.124





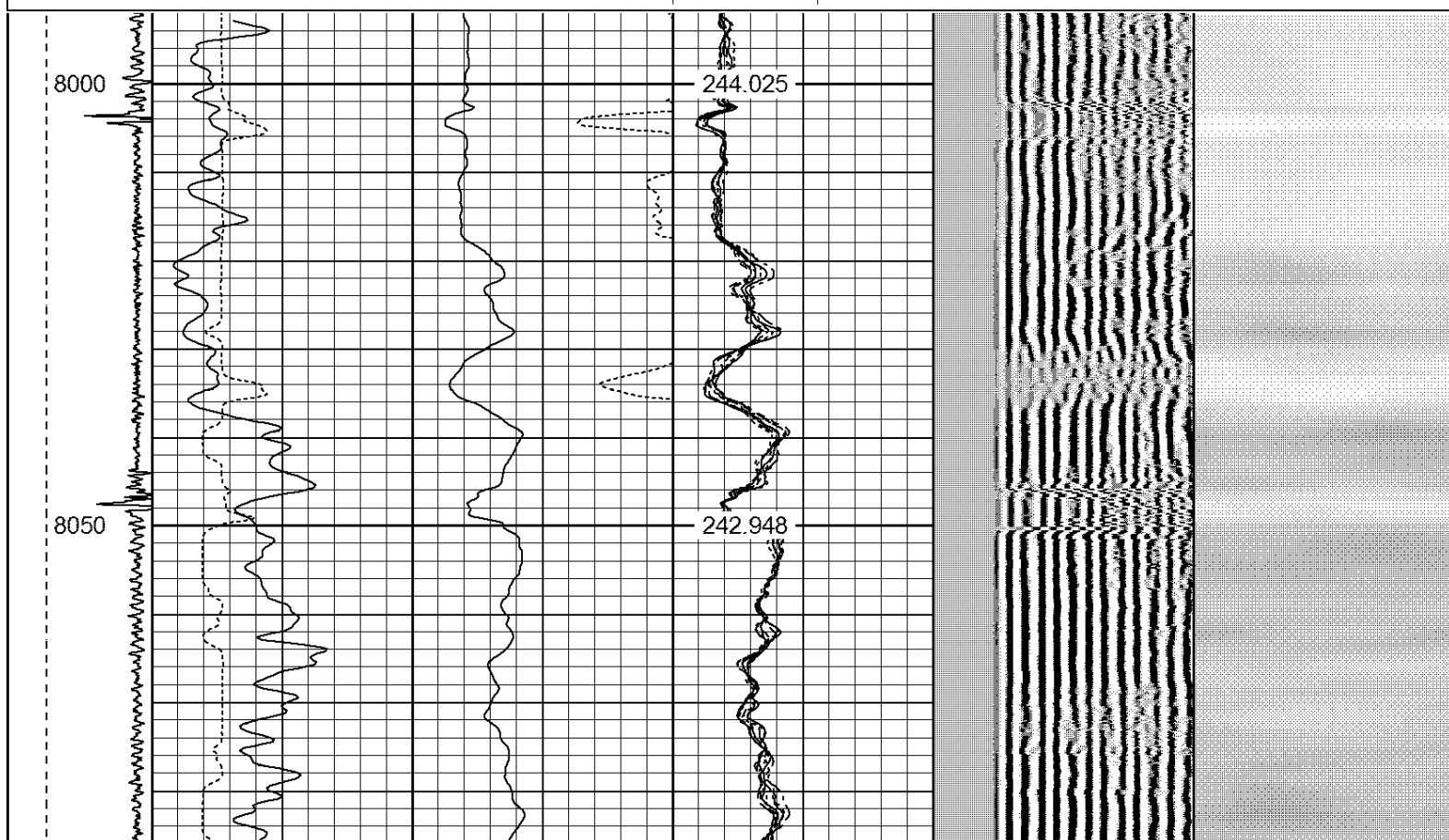
LSPD (ft/min)	200	GR (GAPI)	400	0	AMPS4	100
0	250			0	AMPS5	100
				0	AMPS6	100
				0	AMPS7	100
				0	AMPS8	100
				IntTemp (degF)		

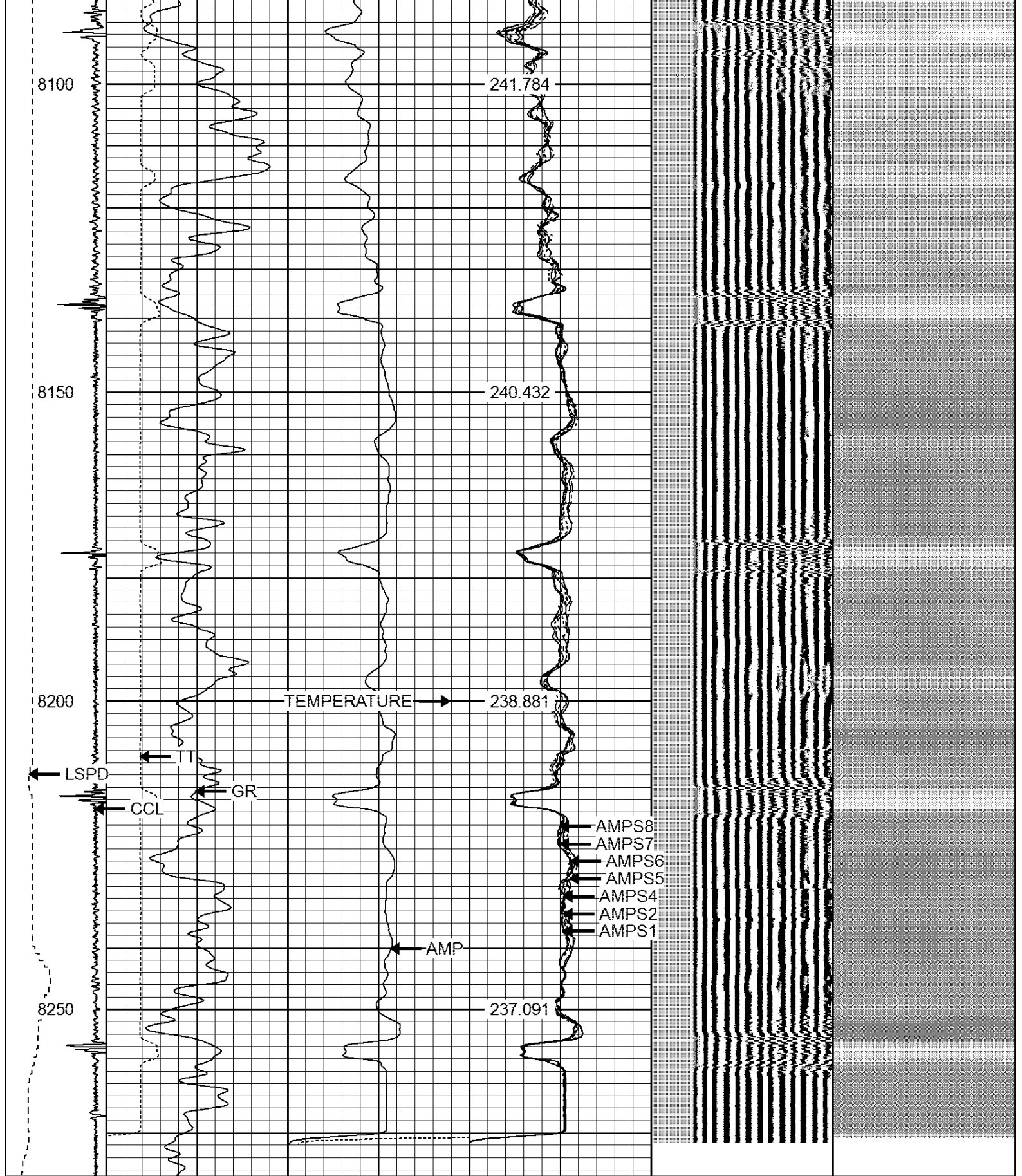


REPEAT PASS 0 PSI

Database File: anschutz state 5-62-36-12.db
Dataset Pathname: pass4
Presentation Format: ips_rbt
Dataset Creation: Sun Feb 09 10:17:34 2014 by Log 7.0 B1
Charted by: Depth in Feet scaled 1:240

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

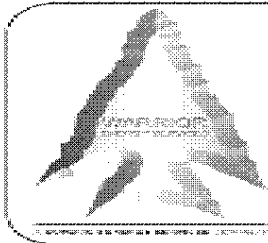




-9	CCL	1	200	TT (usec)	800	0	AMP (mV)	100	0	AMPS1	100	200	VDL	1200	1	Cement Map	8
LSPD	0	GR (GAPI)	200	0	AMPx5 (mV)	20	0	AMPS2	100						1		100
(ft/min)	200	GR (GAPI)	400					0	AMPS4	100							
0	250							0	AMPS5	100							
								0	AMPS6	100							
								0	AMPS7	100							

0 AMPS8 100

IntTemp
(degF)



WARRIOR
ENERGY SERVICES

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