

RADIAL CEMENT BOND LOG
GAMMA RAY
CCL

Company KERR-McGEE OIL & GAS ONSHORE LP
Well RADEMACHER LOUIS J GU 1
Field WATTENBERG
County WELD
State COLORADO

Company KERR-McGEE OIL & GAS ONSHORE LP
Well RADEMACHER LOUIS J GU 1
Field WATTENBERG
County WELD State COLORADO

Location: API # : 05-123-08208
Other Services
SEC 30 TWP 3N RGE 67W
SW/SW
Permanent Datum GL Elevation 4840'
Log Measured From KB 10'
Drilling Measured From KB

Date 3-7-14

Run Number ONE
Depth Driller 7770'
Depth Logger 7590'
Bottom Logged Interval 7590'
Top Log Interval Surface
Open Hole Size 7 7/8
Type Fluid WATER
Density / Viscosity 1.0
Max. Recorded Temp. 227 DEG. F
Estimated Cement Top 6870'
Time Well Ready N/A
Time Logger on Bottom N/A
Equipment Number 5432
Location GREELEY, CO
Recorded By M. JANDREAU
Witnessed By LUIS MORALES

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

Casing Record
Surface String Size 8.63 Wgt/Ft 24# Top 0 Bottom 204'
Prot. String
Production String 4 1/2" 10.5 & 11.6# 0 7770'
Liner

<<< Fold Here >>>

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

NOT CORRELATED
RAN LOG TO VERIFY CEMENT TOP
THANK YOU FOR USING WARRIOR ENERGY SERVICES!!!!

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

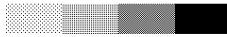

Tool Joint	Length (ft)	Weight (lb)	O.D. (in)	Notes
HEADVOLT	16.25			
IntTemp	14.83			
WVFS3FT	11.58			
WVFCAL	11.58			
WVFS1	11.58			
WVFS2	11.58			
WVFS3	11.58			
WVFS4	11.58			
WVFS5	11.58			
WVFS6	11.58			
WVFS7	11.58			
WVFS8	11.58			
WVFS5FT	10.58			
CNLSC	6.00			
CNSSC	5.17			
CCL	3.64			
GR	0.90			
PTS275	2.83	2.75		
RBT-Probe (Base)	8.92	2.75	90.00	Probe Radii Bond Tool with Digital Telemetry
CNT-Probe_B (275)	3.00	2.75	40.00	6 bow centralizer
GR-Probe (275)	4.33	2.75	30.00	Probe 2.75"

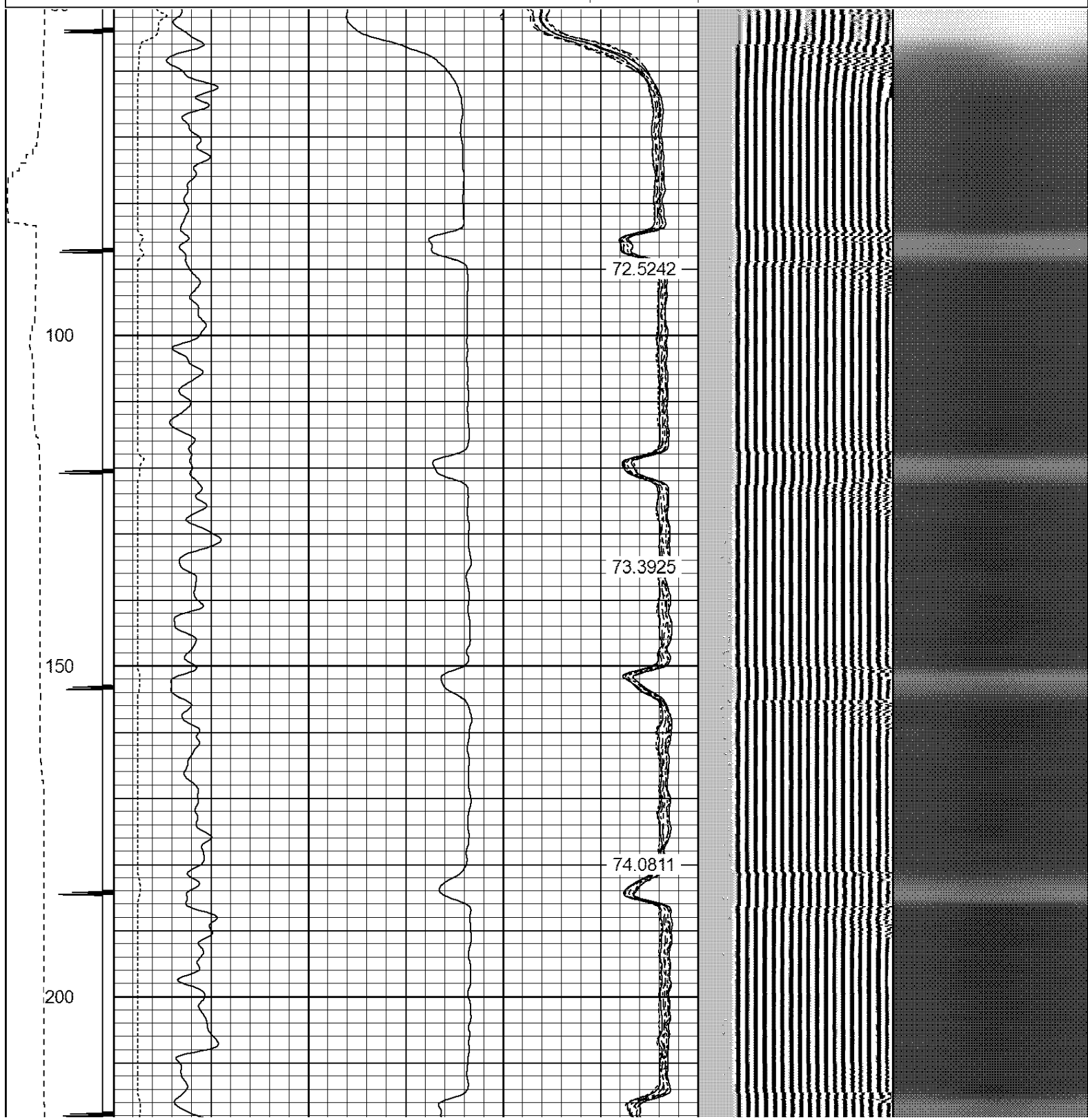
Dataset: rademacher louis j gu # 1.db: field/well/run1/pass8

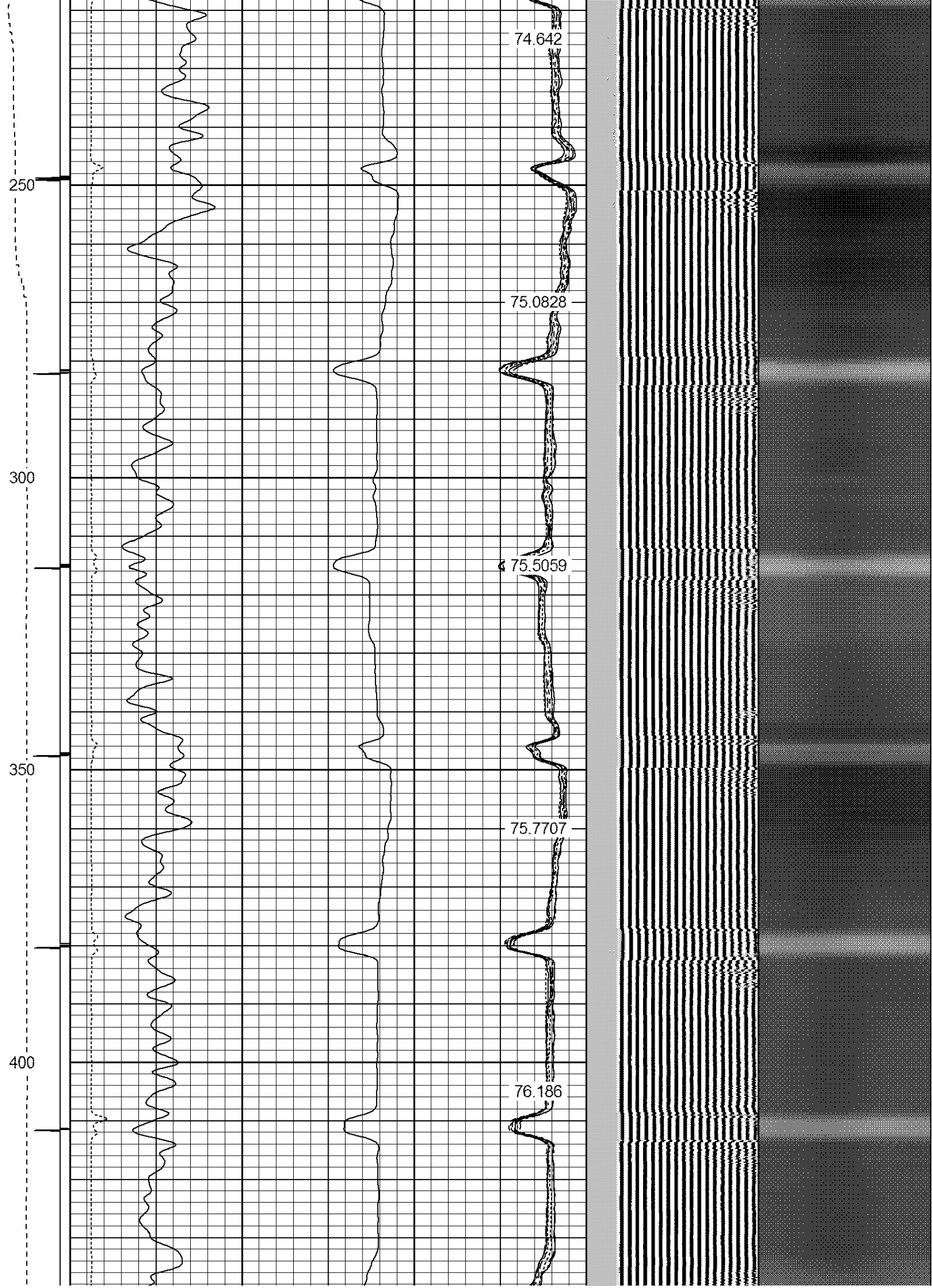
Total Length: 19.08 ft

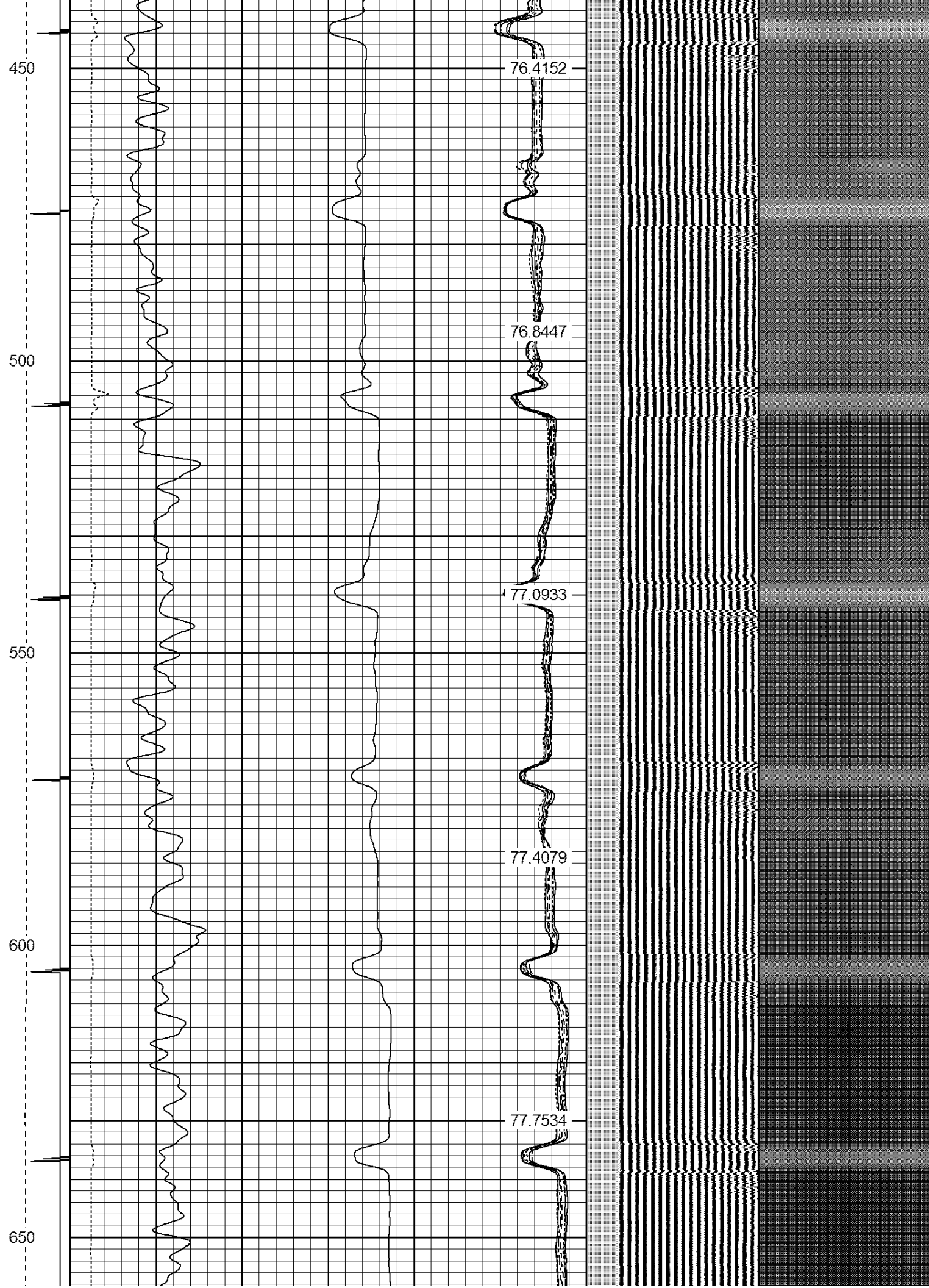
Total Weight: 160.00 lb

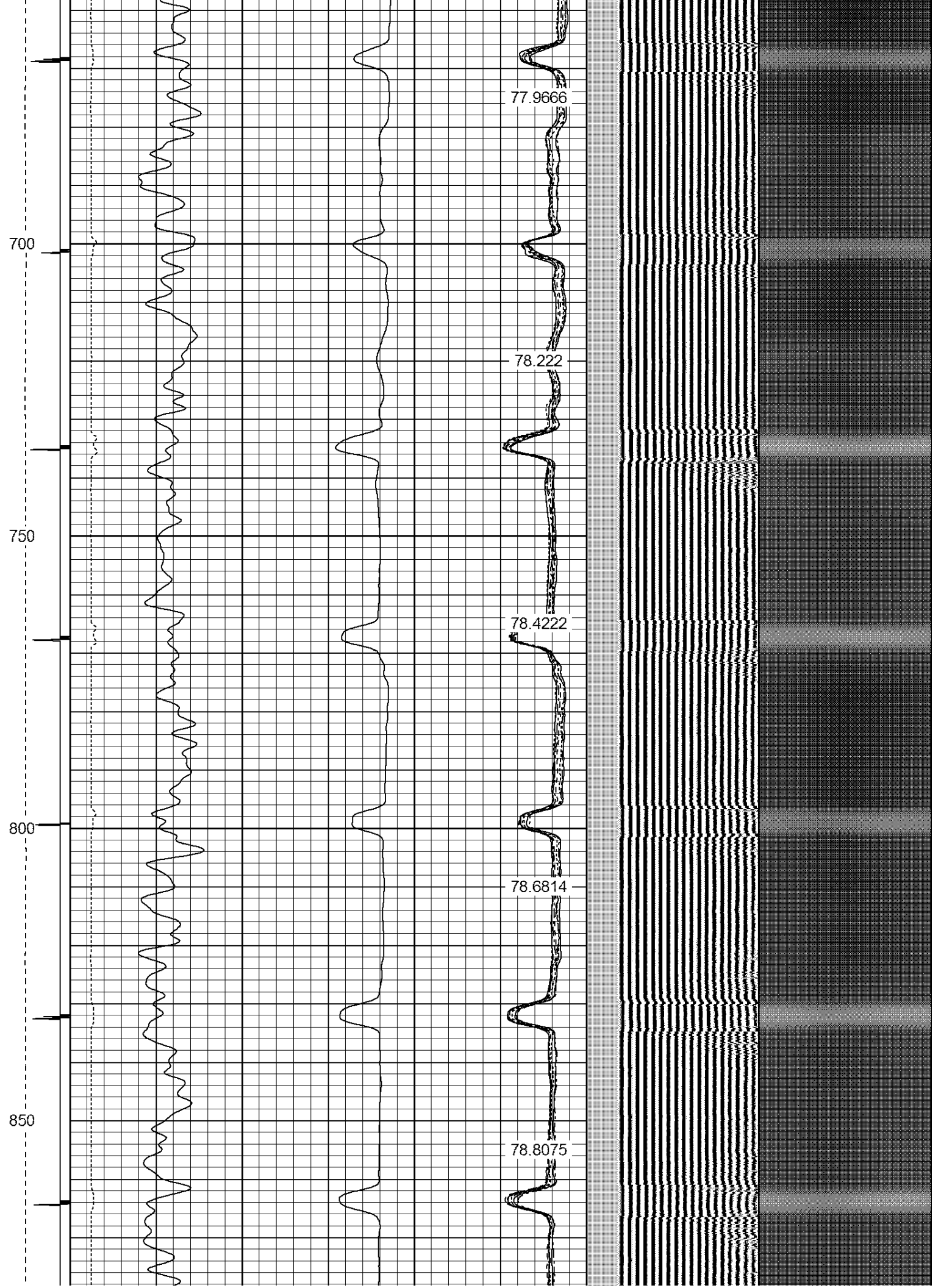
O.D. 2.75 in

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











1100

1150

1200

1250

1300

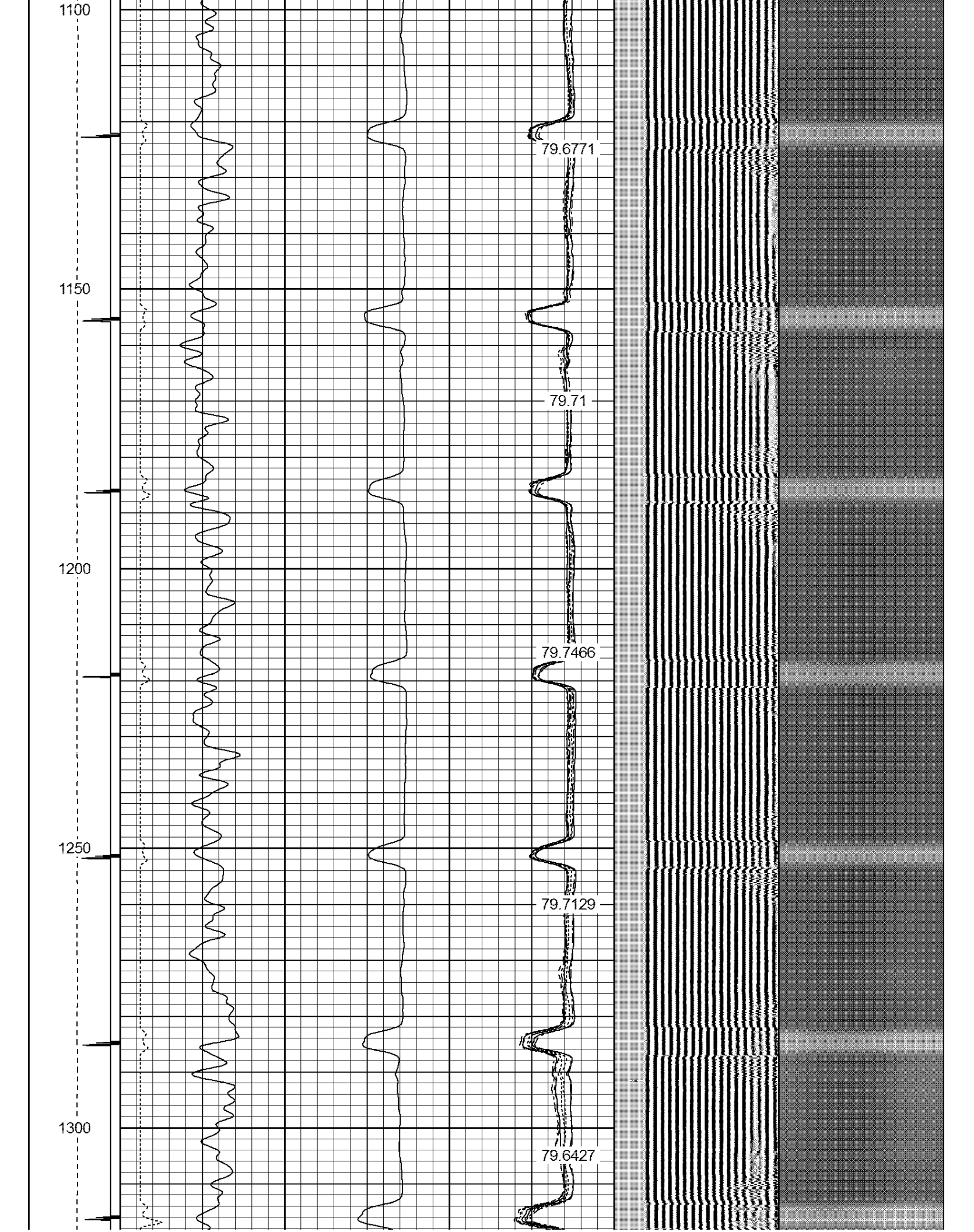
79.6771

79.71

79.7466

79.7129

79.6427



1350

1400

1450

1500

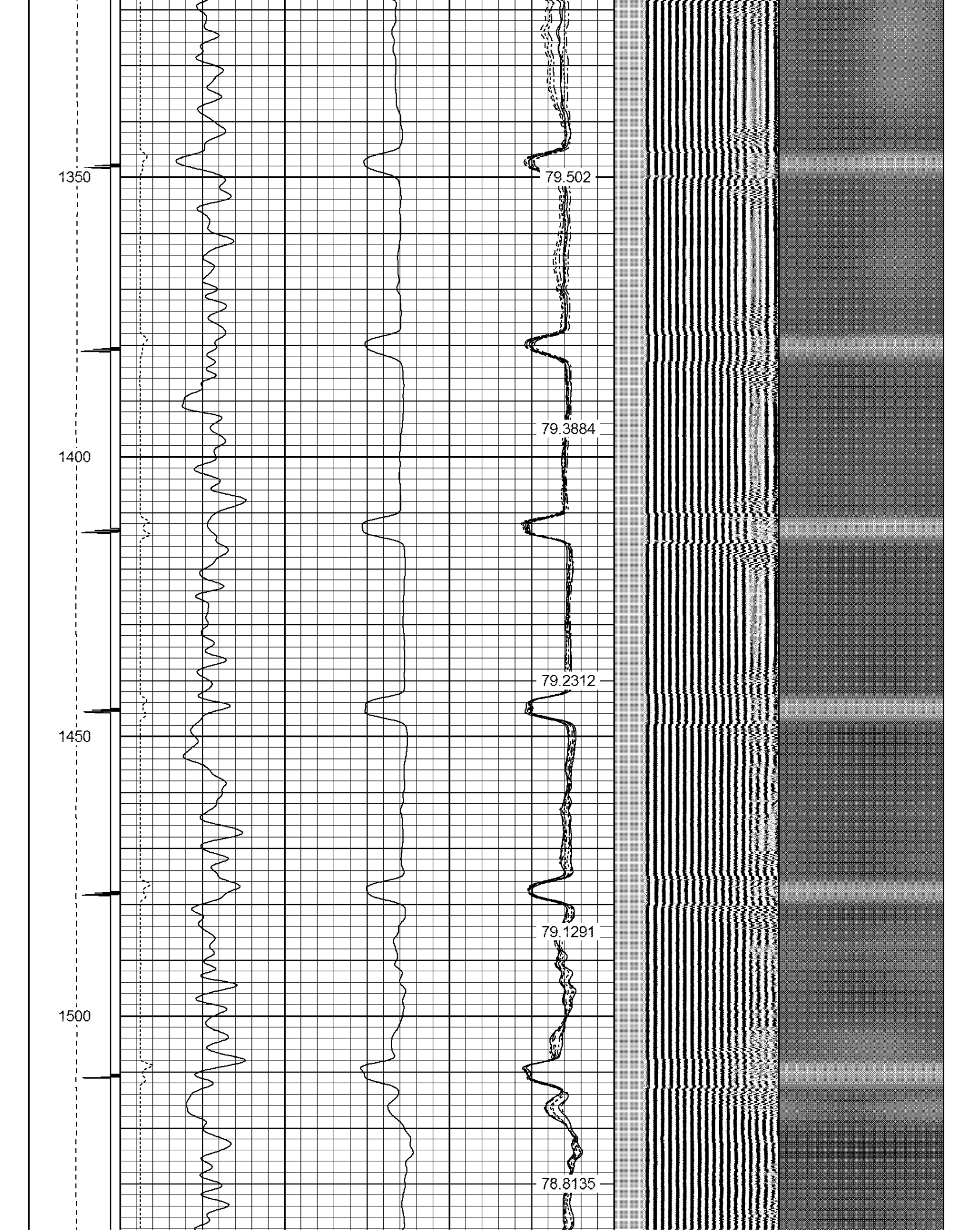
79.502

79.3884

79.2312

79.1291

78.8135



1550

1600

1650

1700

1750

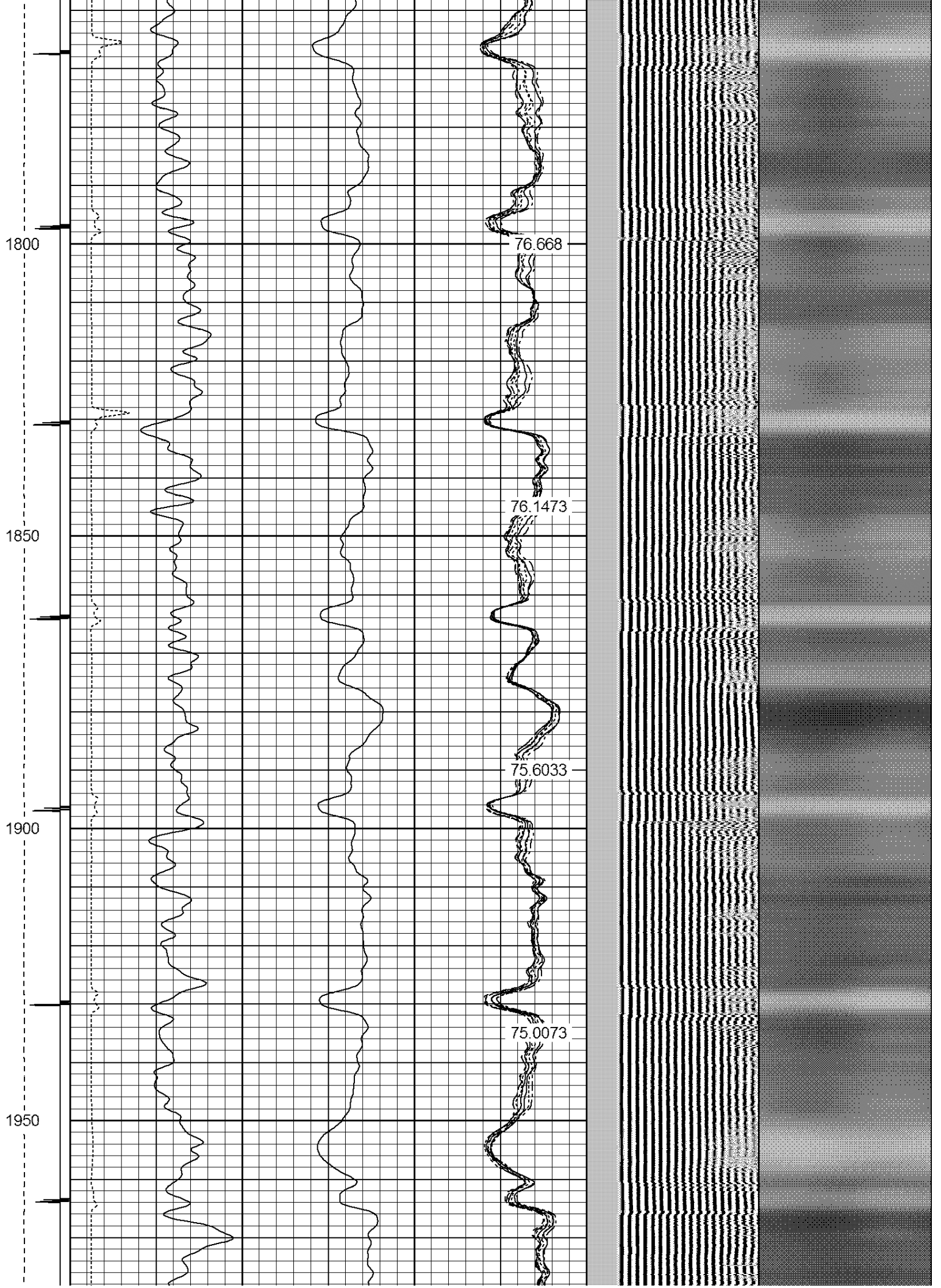
78.6385

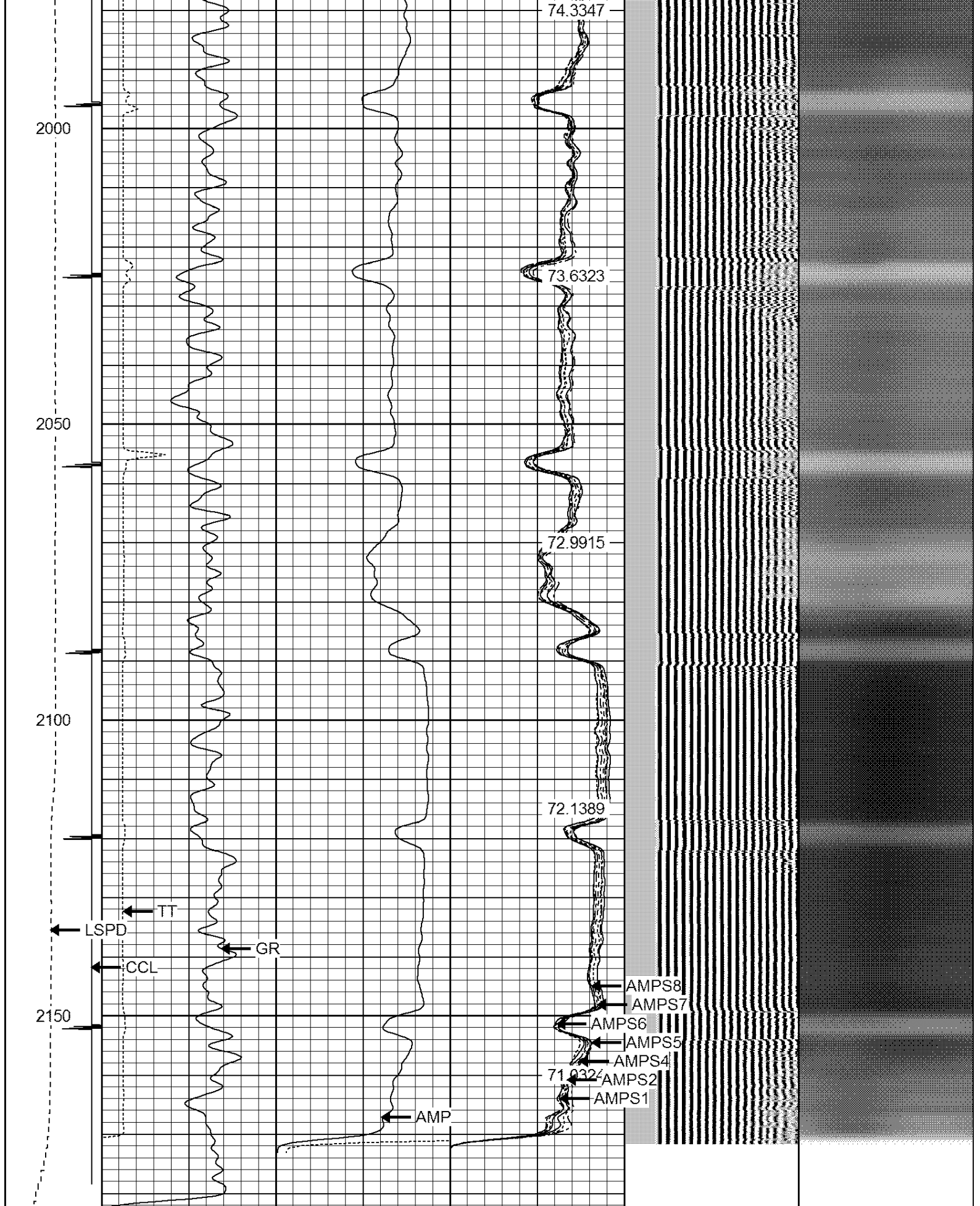
78.2729

77.9124

77.6018



77.1009

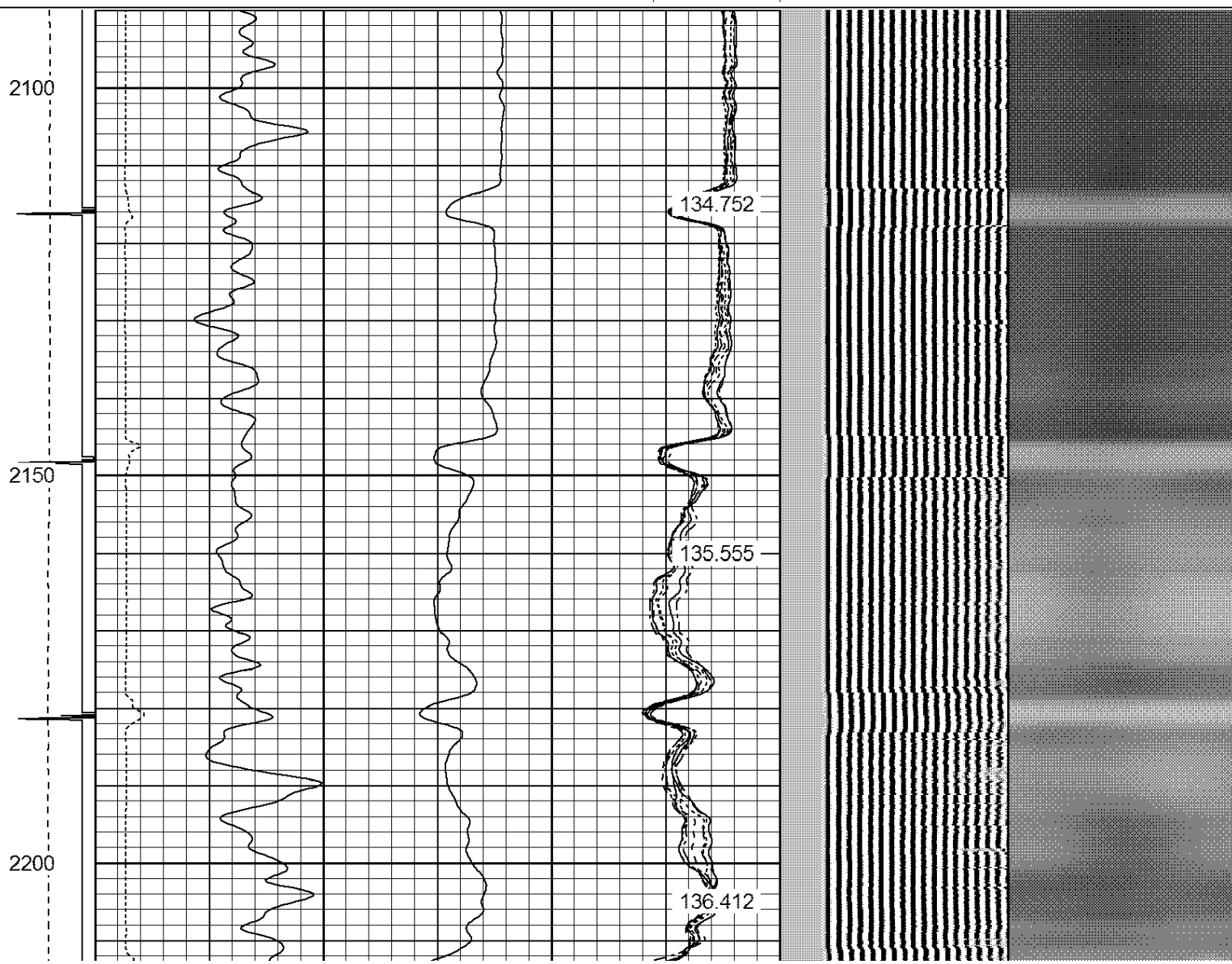


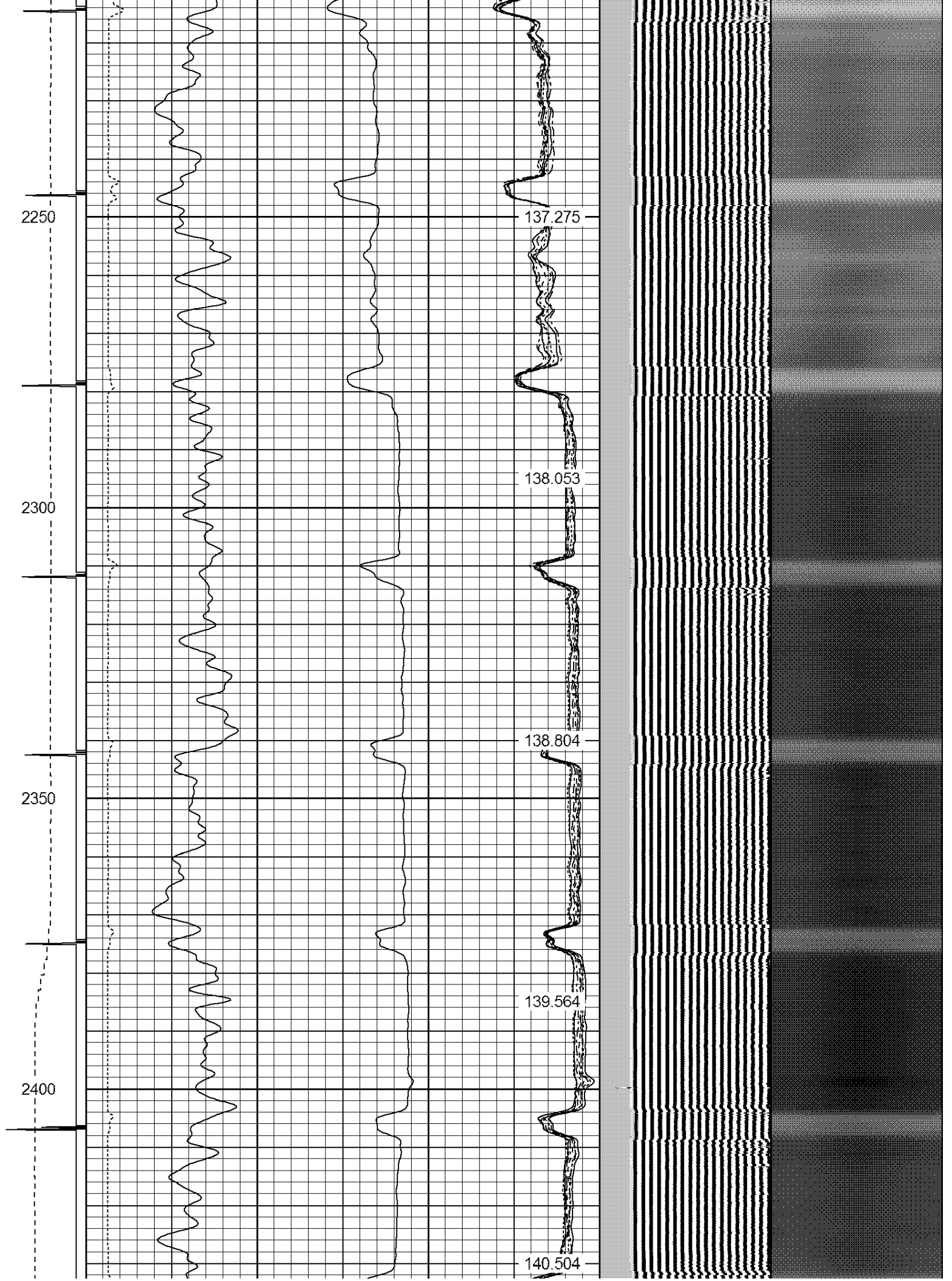


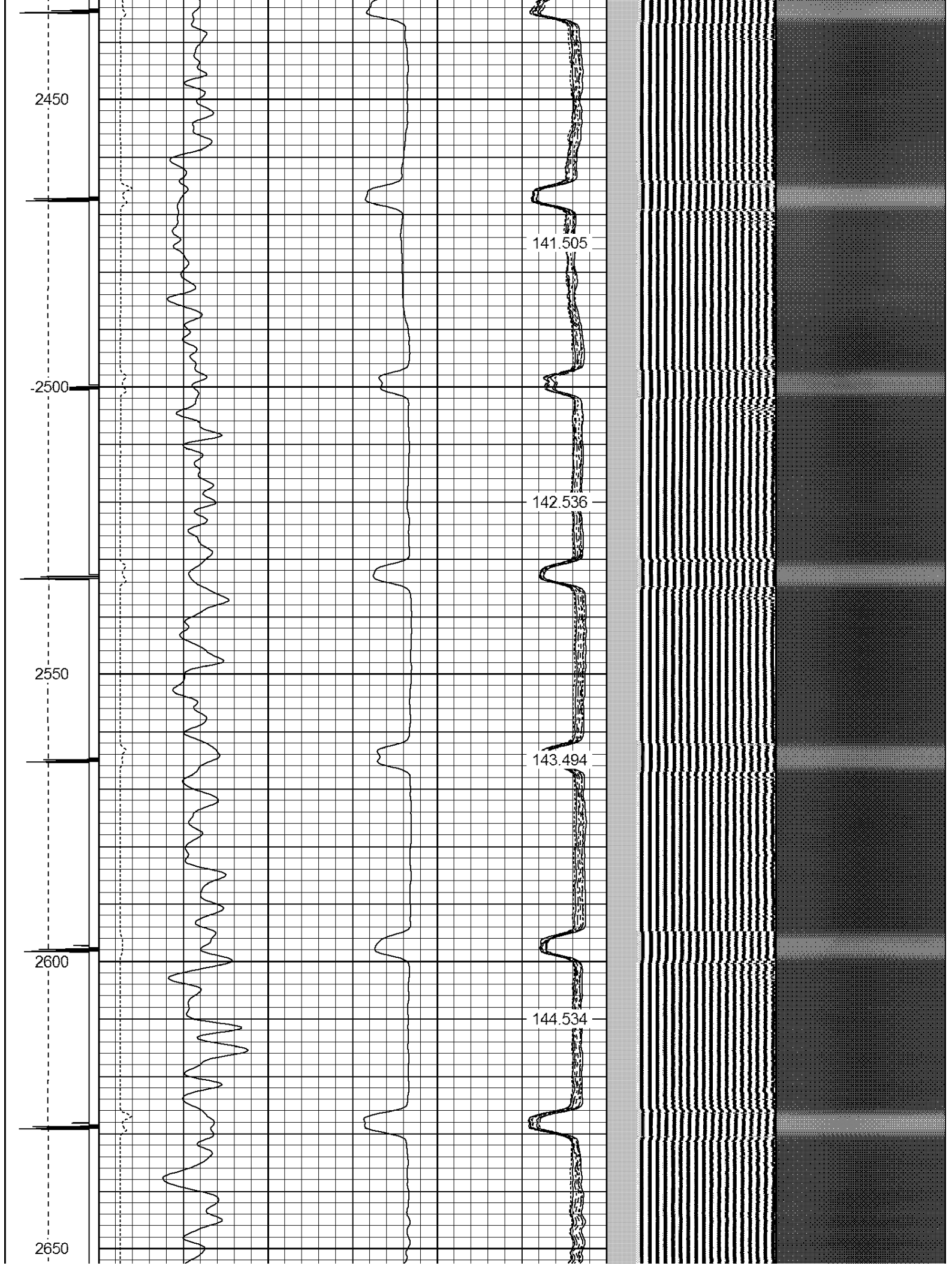
-9	CCL	1	200	TT (usec)	800	0	AMP (mV)	100	0	AMPS1	100	200	VDL	1200	1	Cement Map	8
LSPD	0	GR (GAPI)	200	0	AMPx5 (mV)	20	0	AMPS2	100						1		100
(ft/min)	200	GR (GAPI)	400					AMPS4	100								

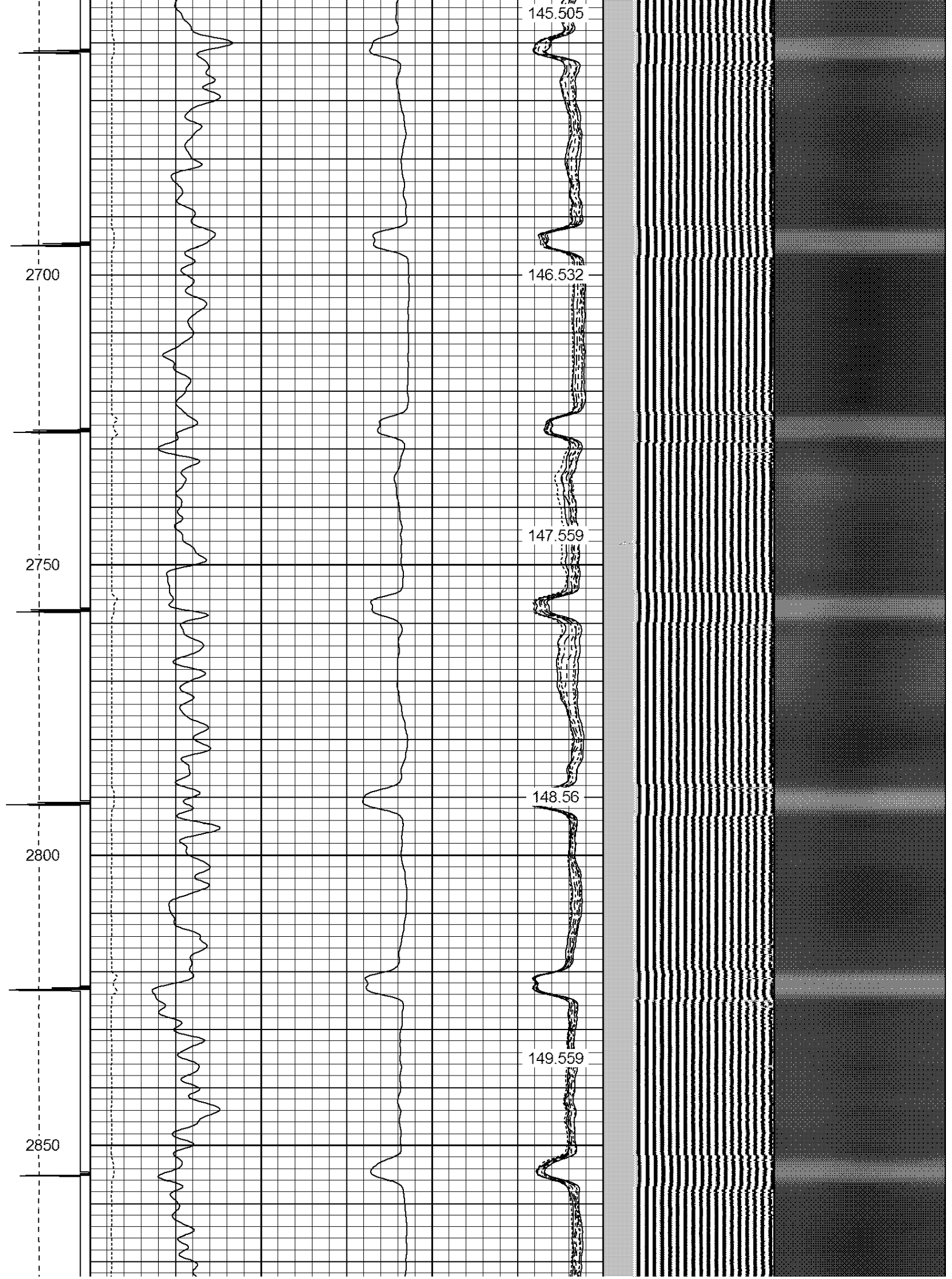
IntTemp
(degF)

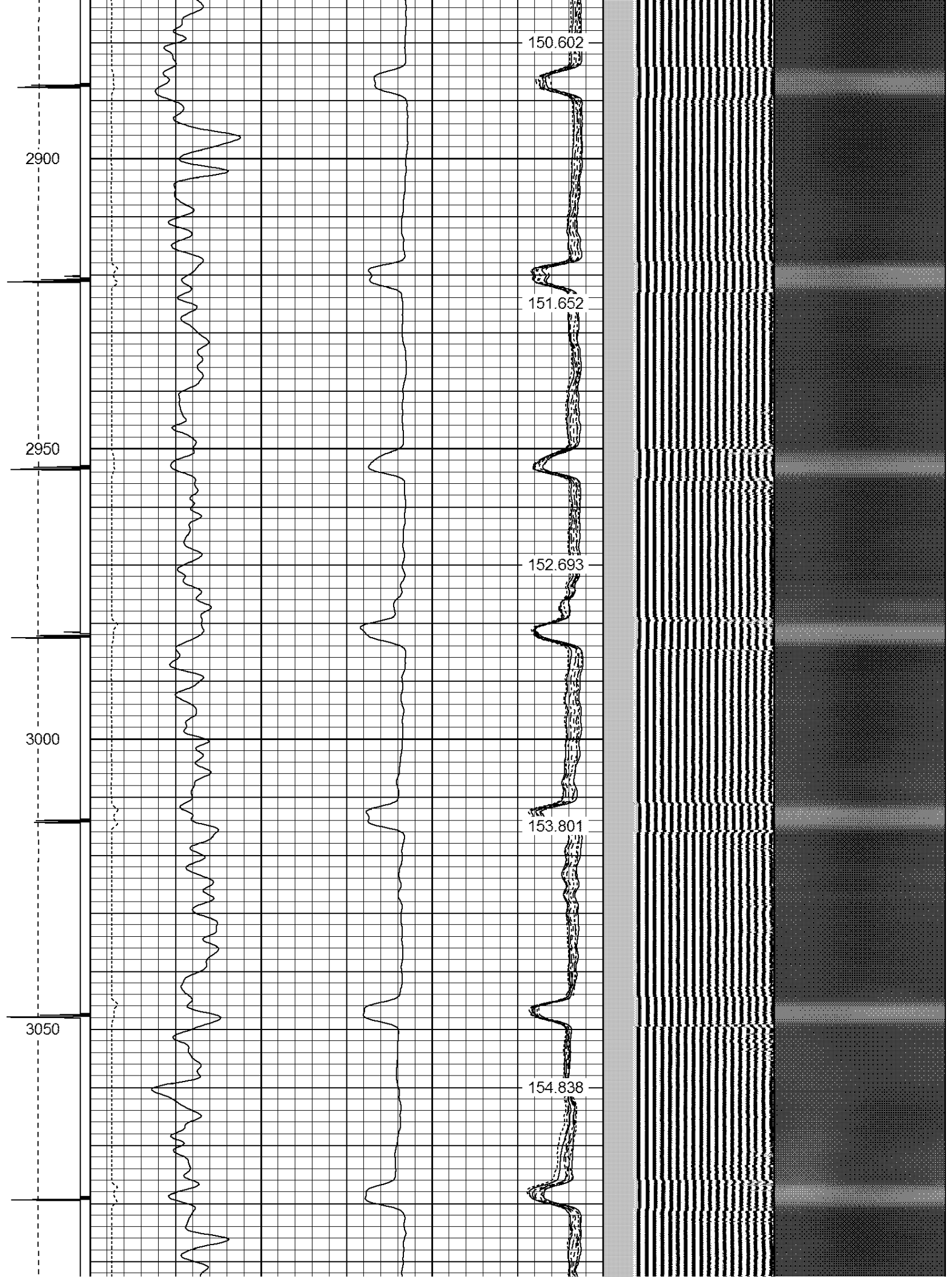
-9	CCL	1	200	TT (usec)	800	0	AMP (mV)	100	0	AMPS1	100	200	VDL	1200	1	Cement Map	8	
LSPD (ft/min)			0	GR (GAPI)	200	0	AMPx5 (mV)	20	0	AMPS2	100				1			
			200	GR (GAPI)	400	0	AMPS4	100										
0	250								0	AMPS5	100							
									0	AMPS6	100							
								0	AMPS7	100								
								0	AMPS8	100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

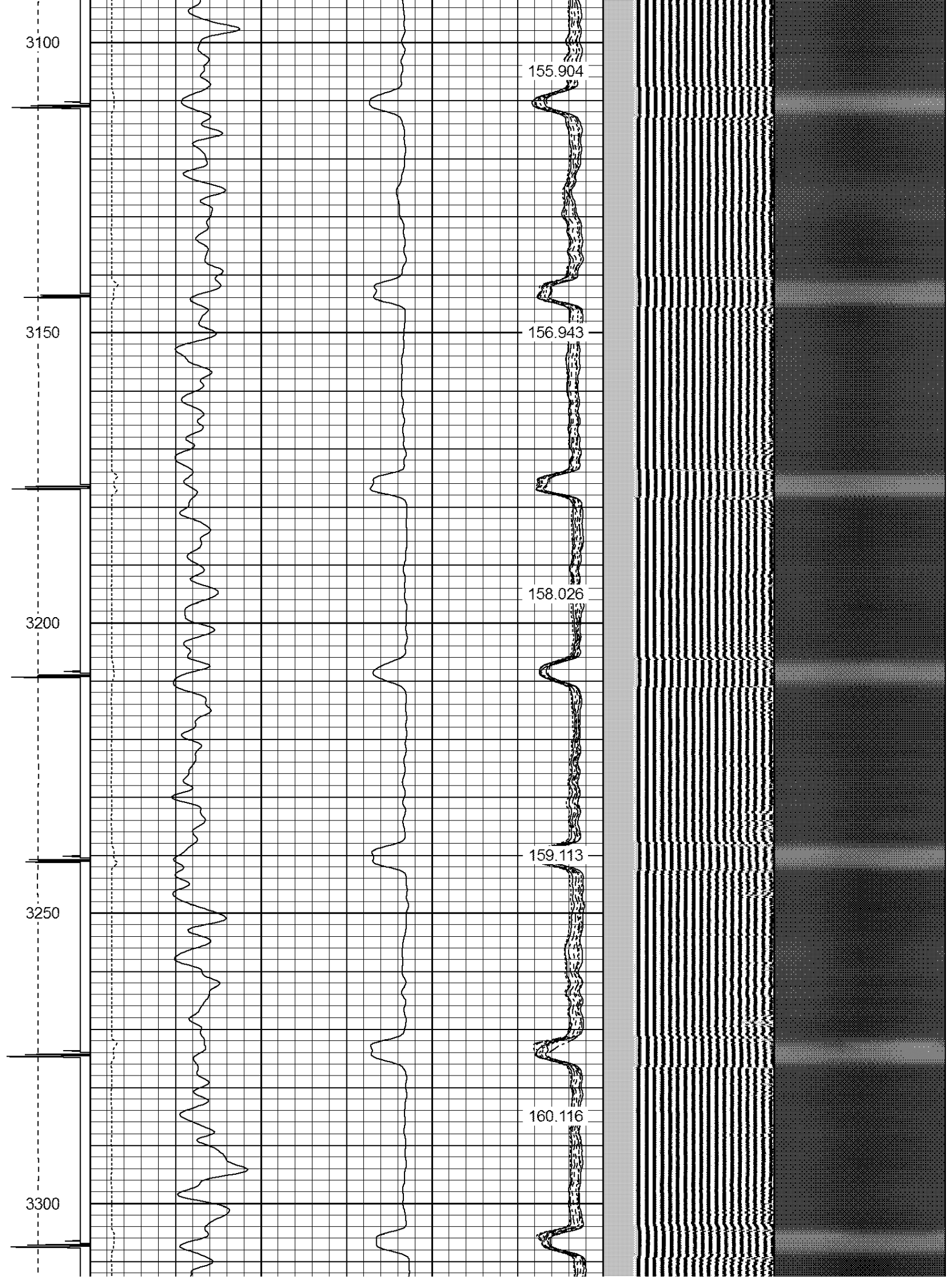




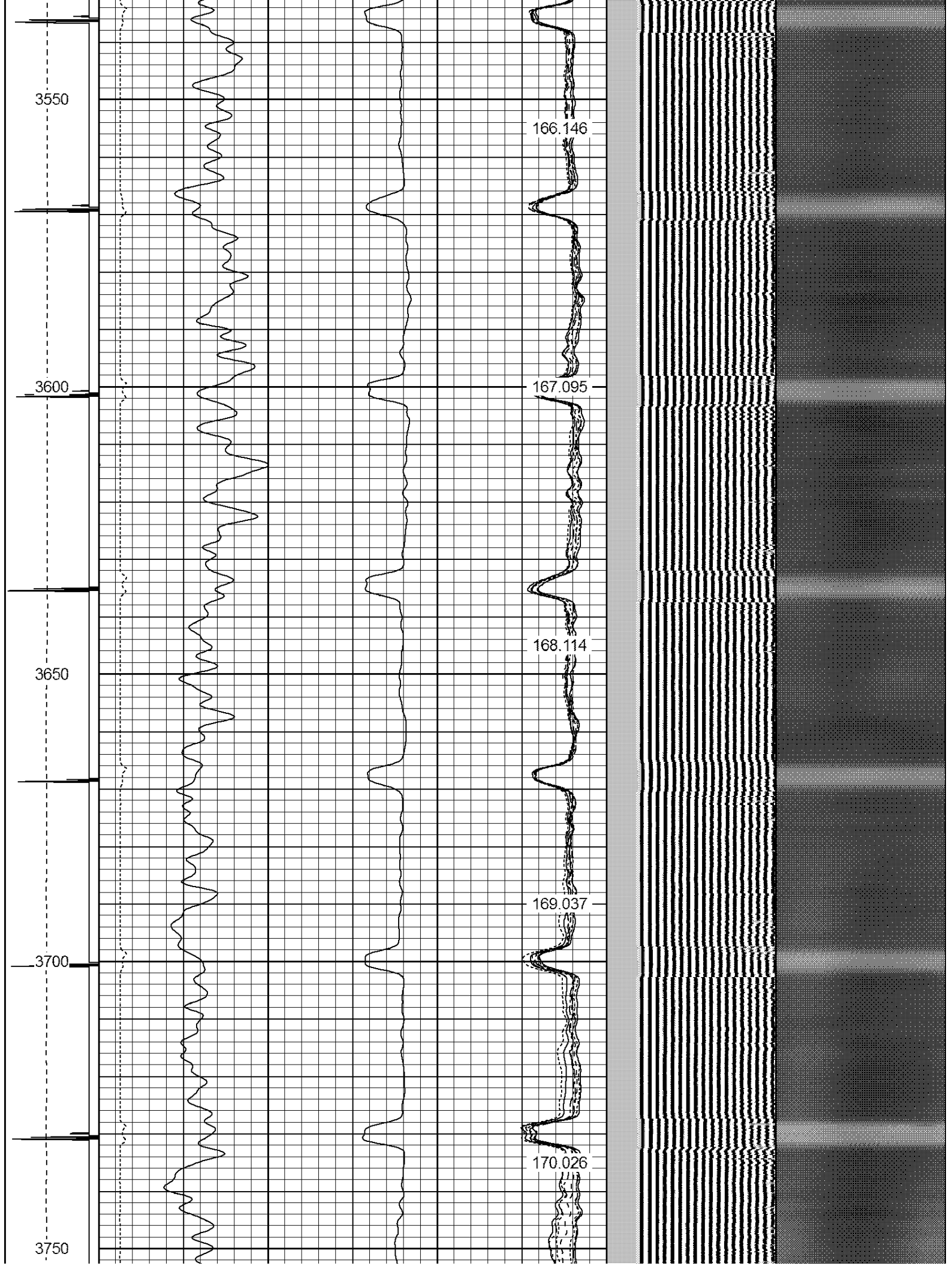


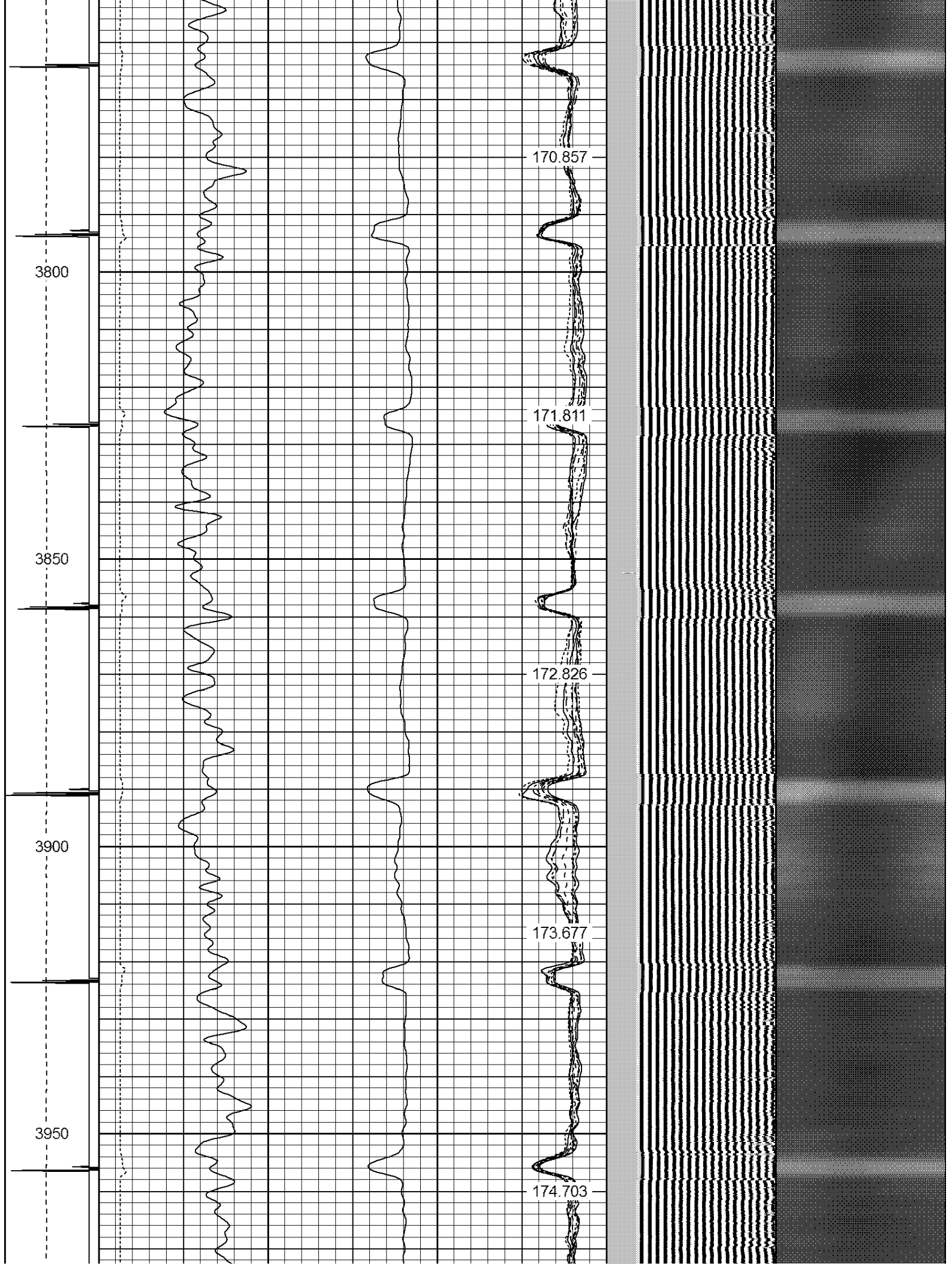


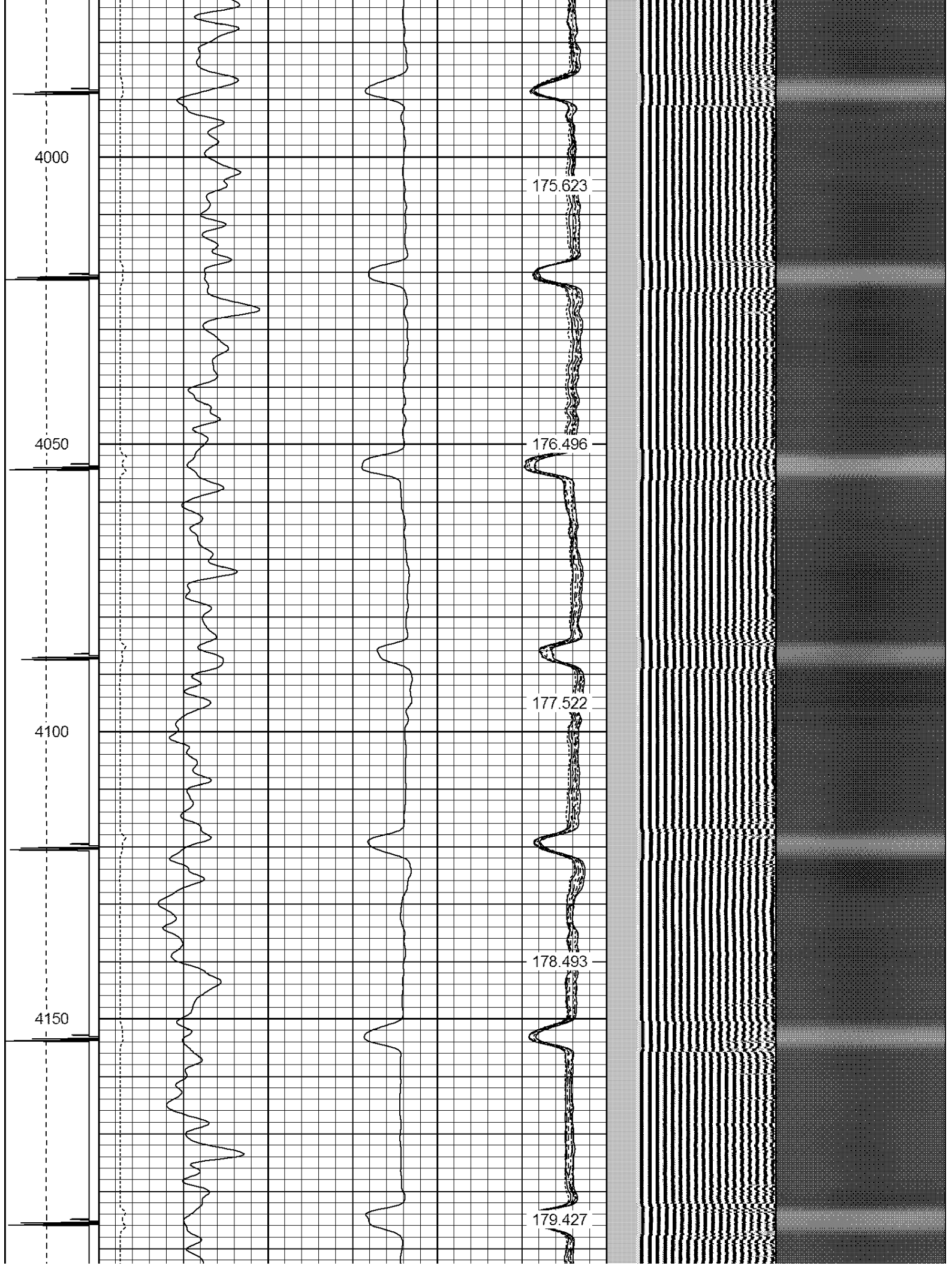


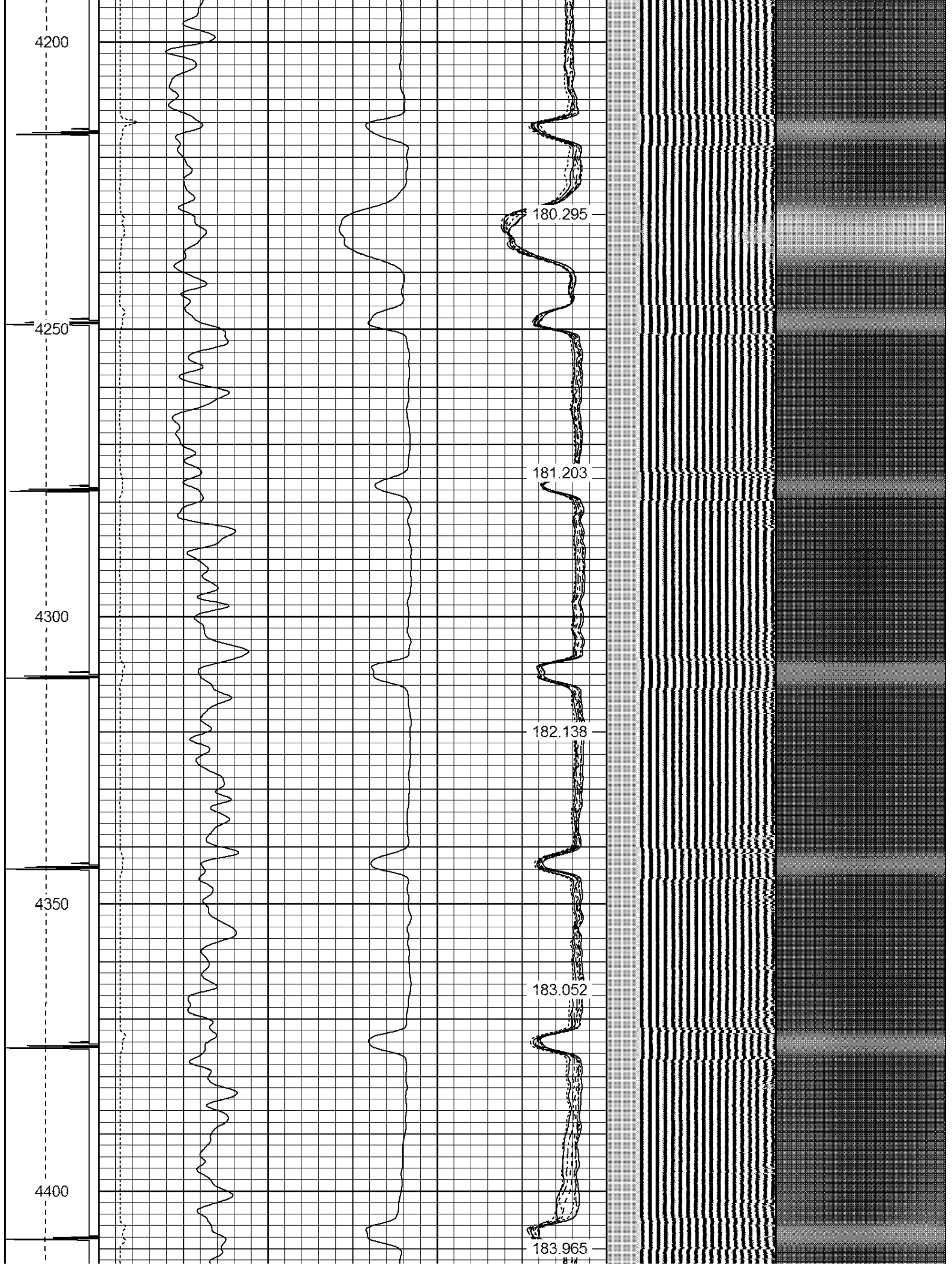


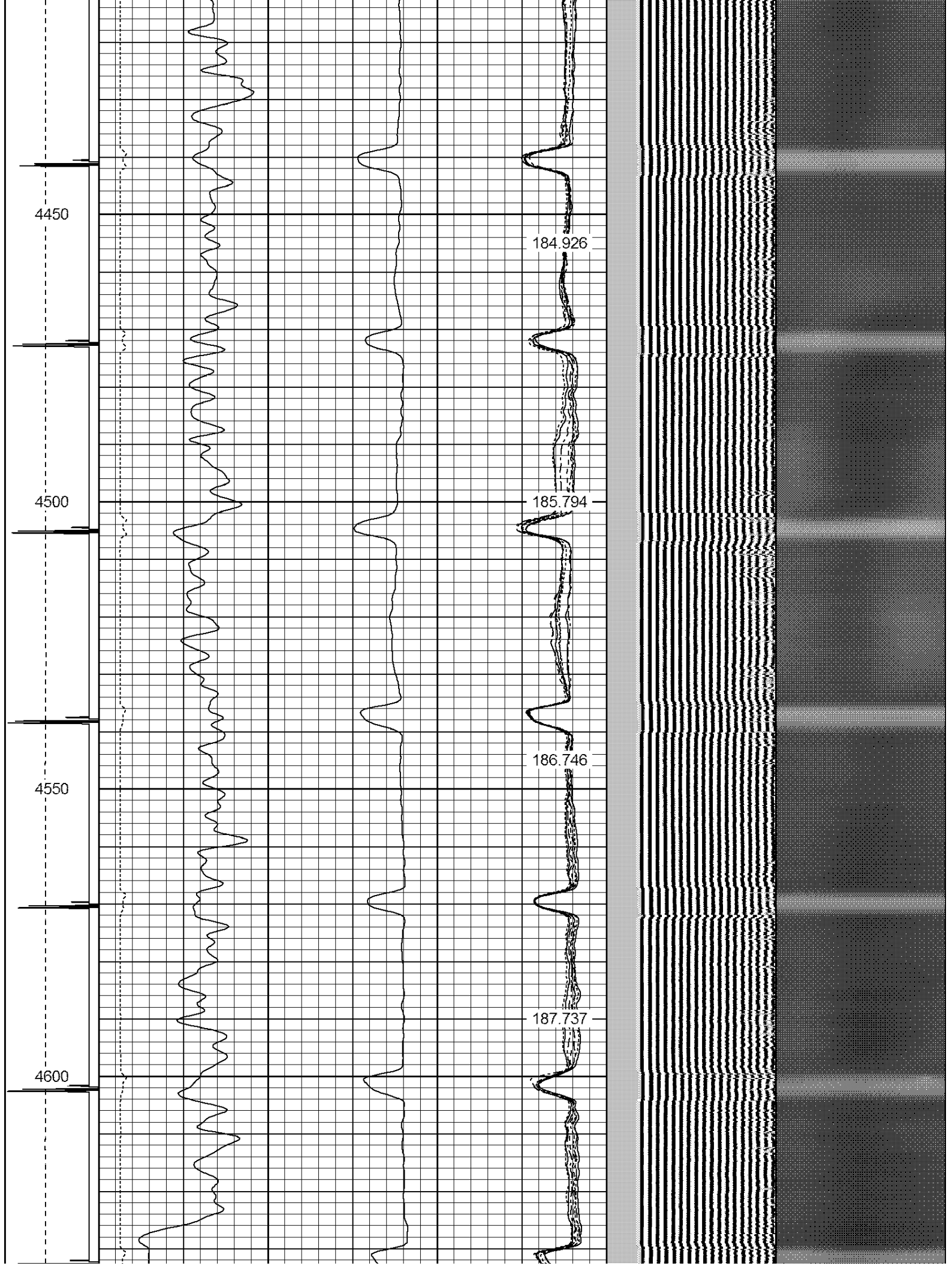


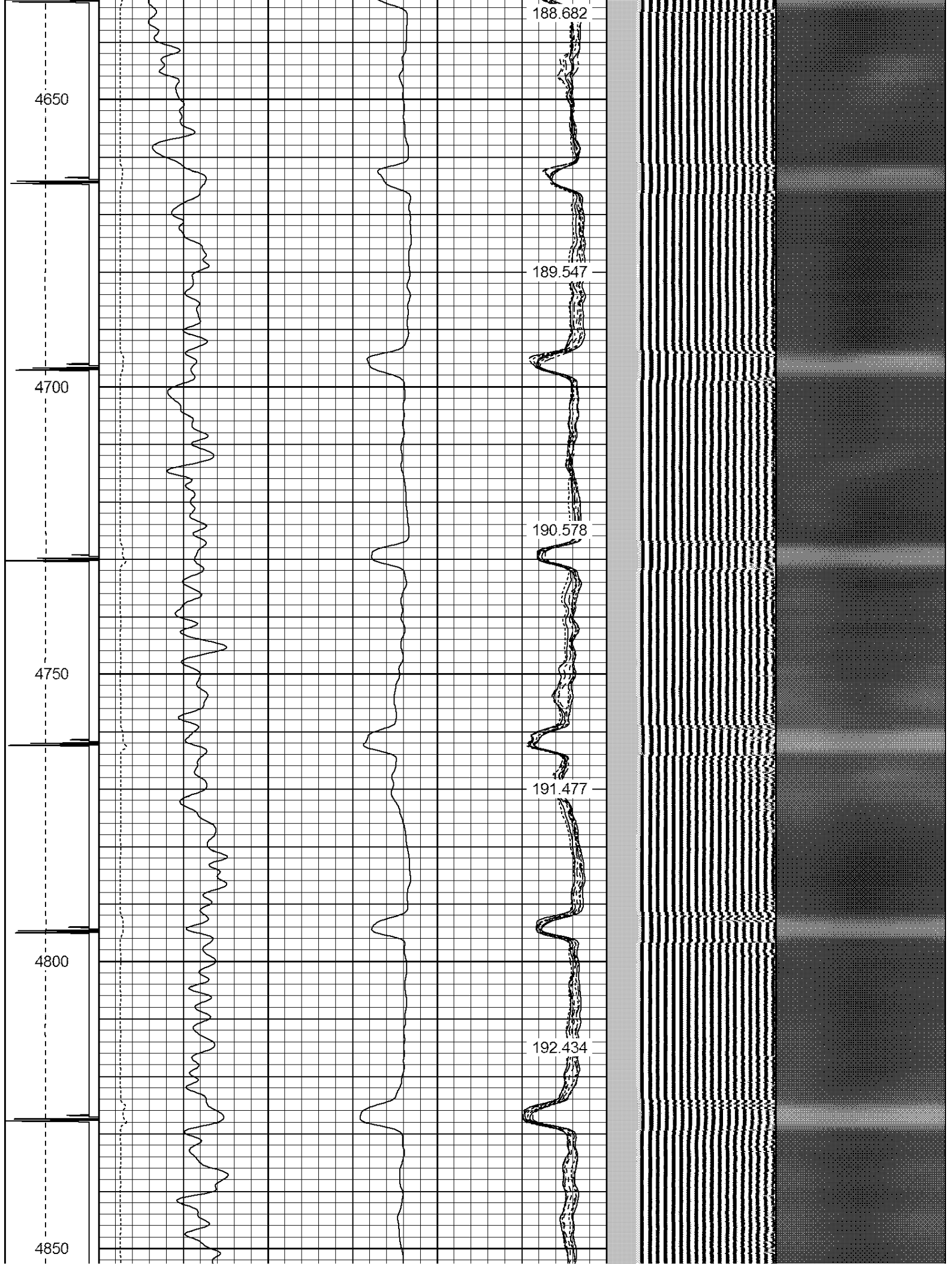


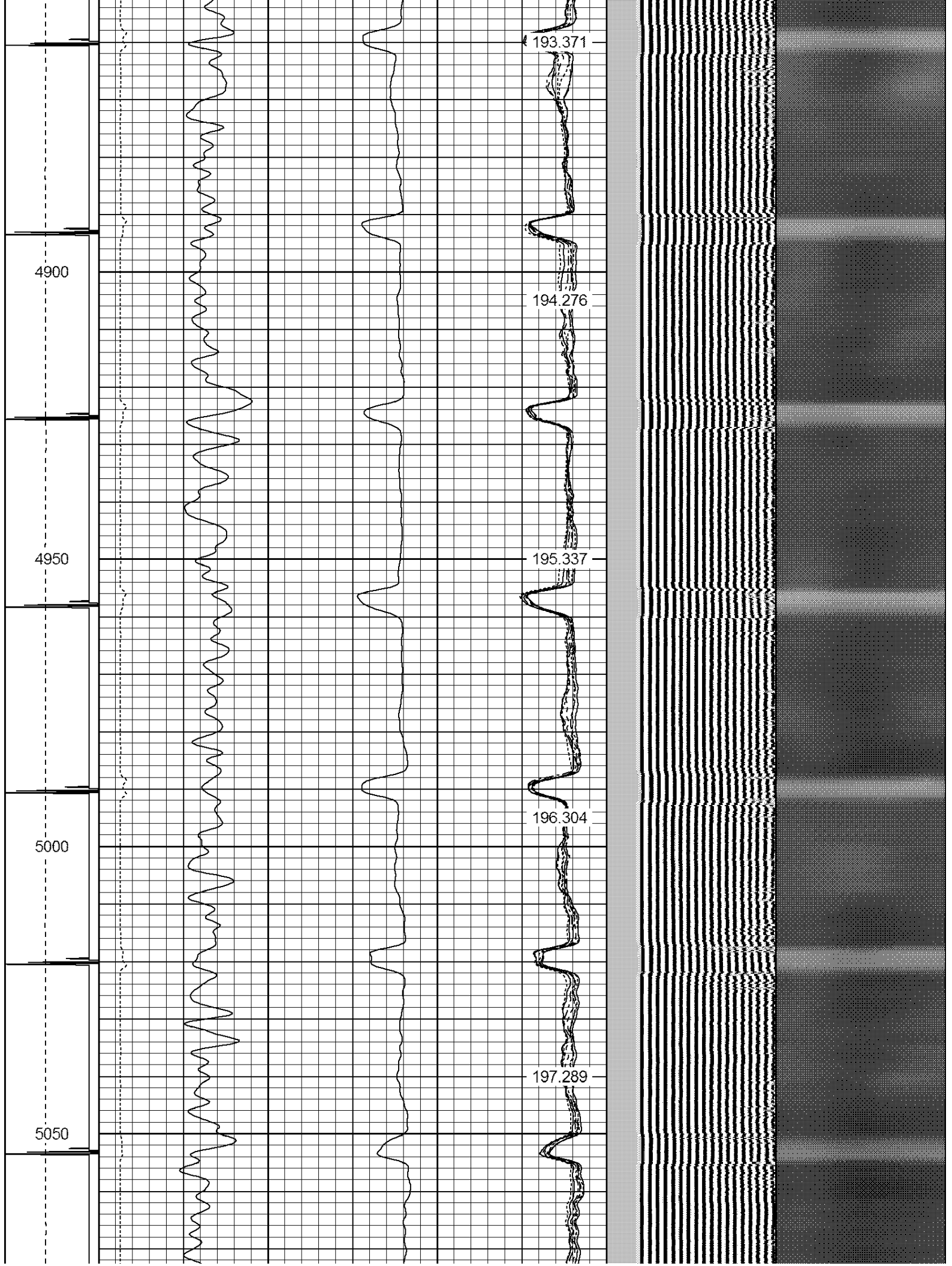


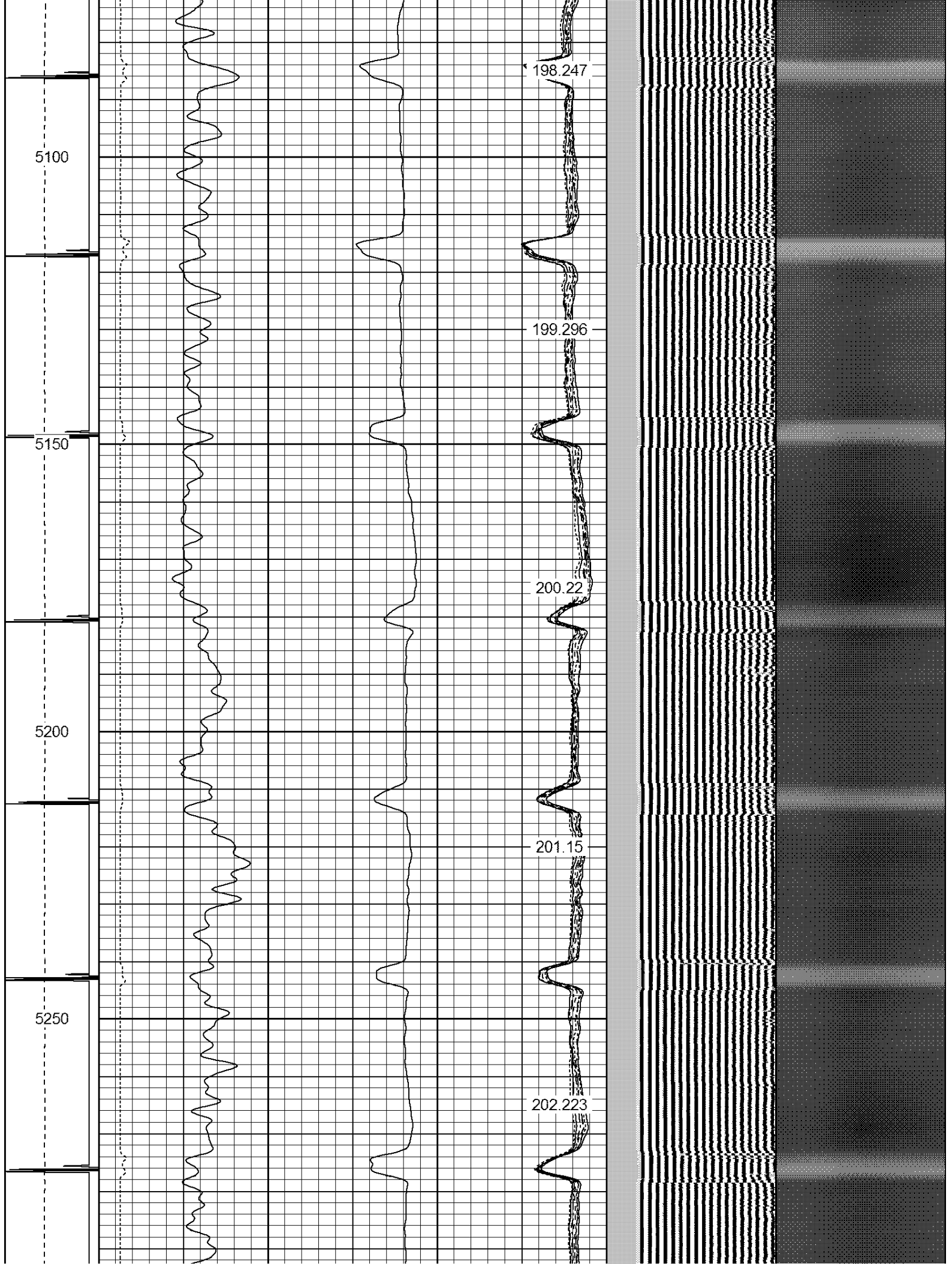


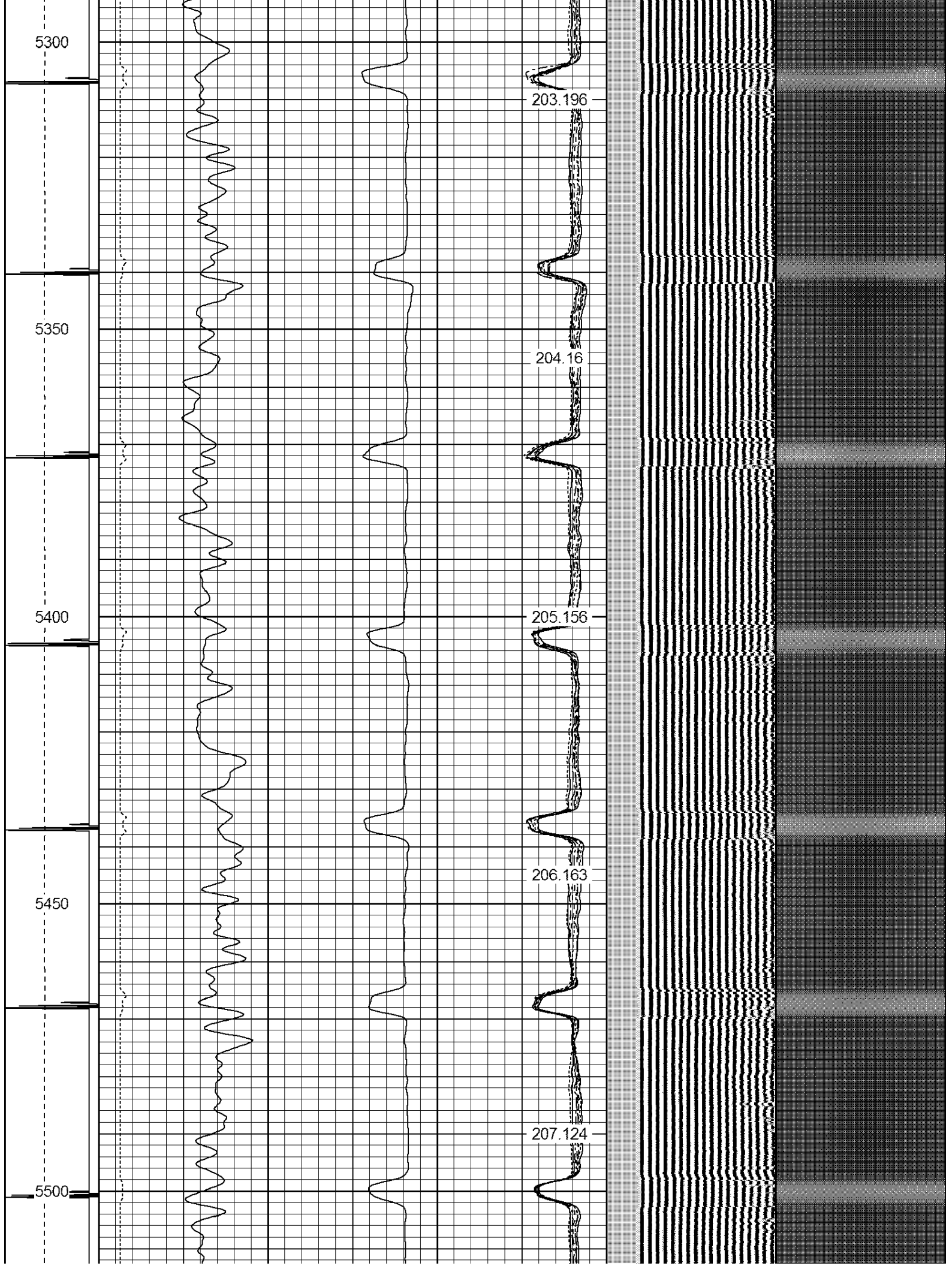


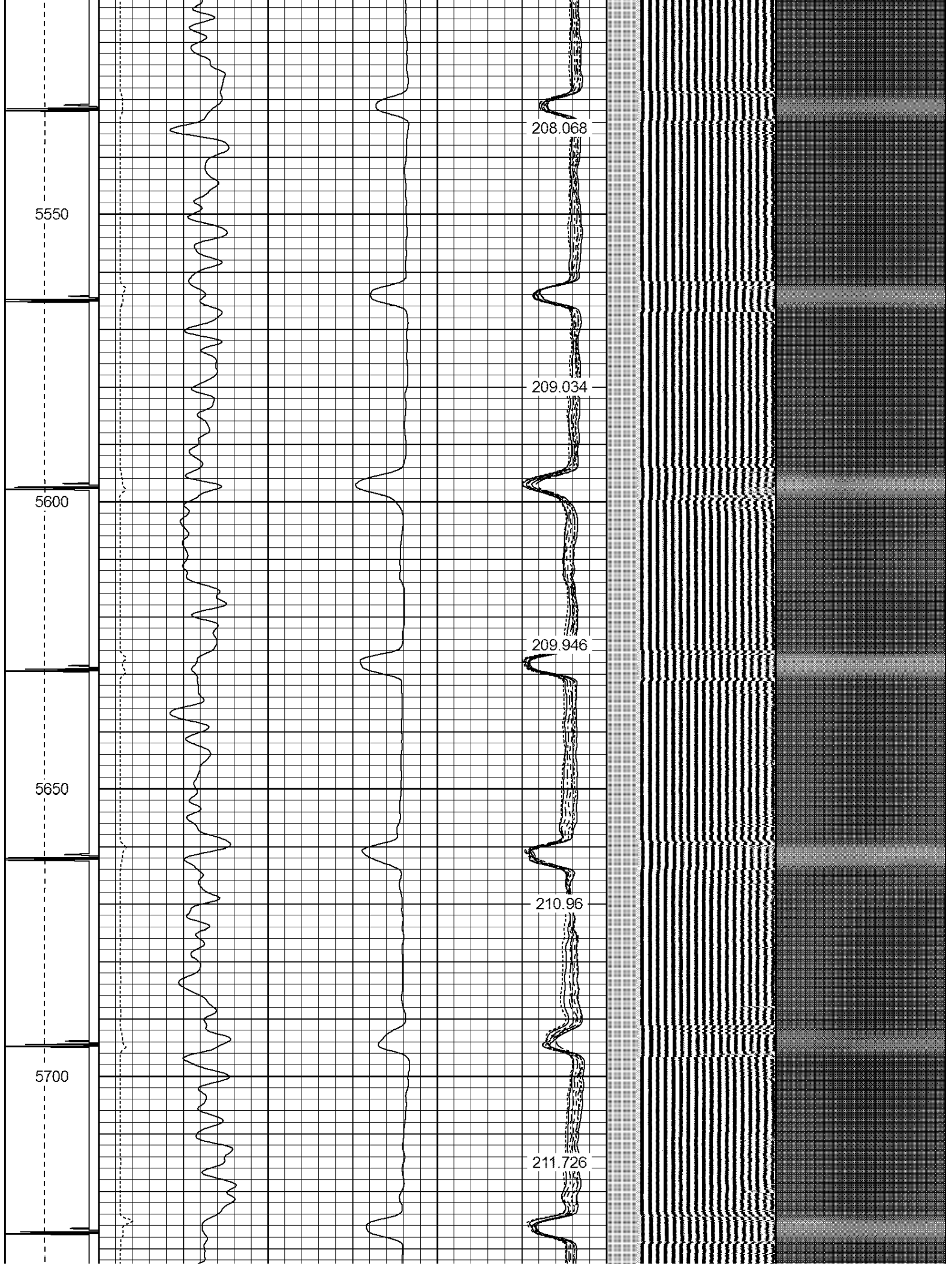


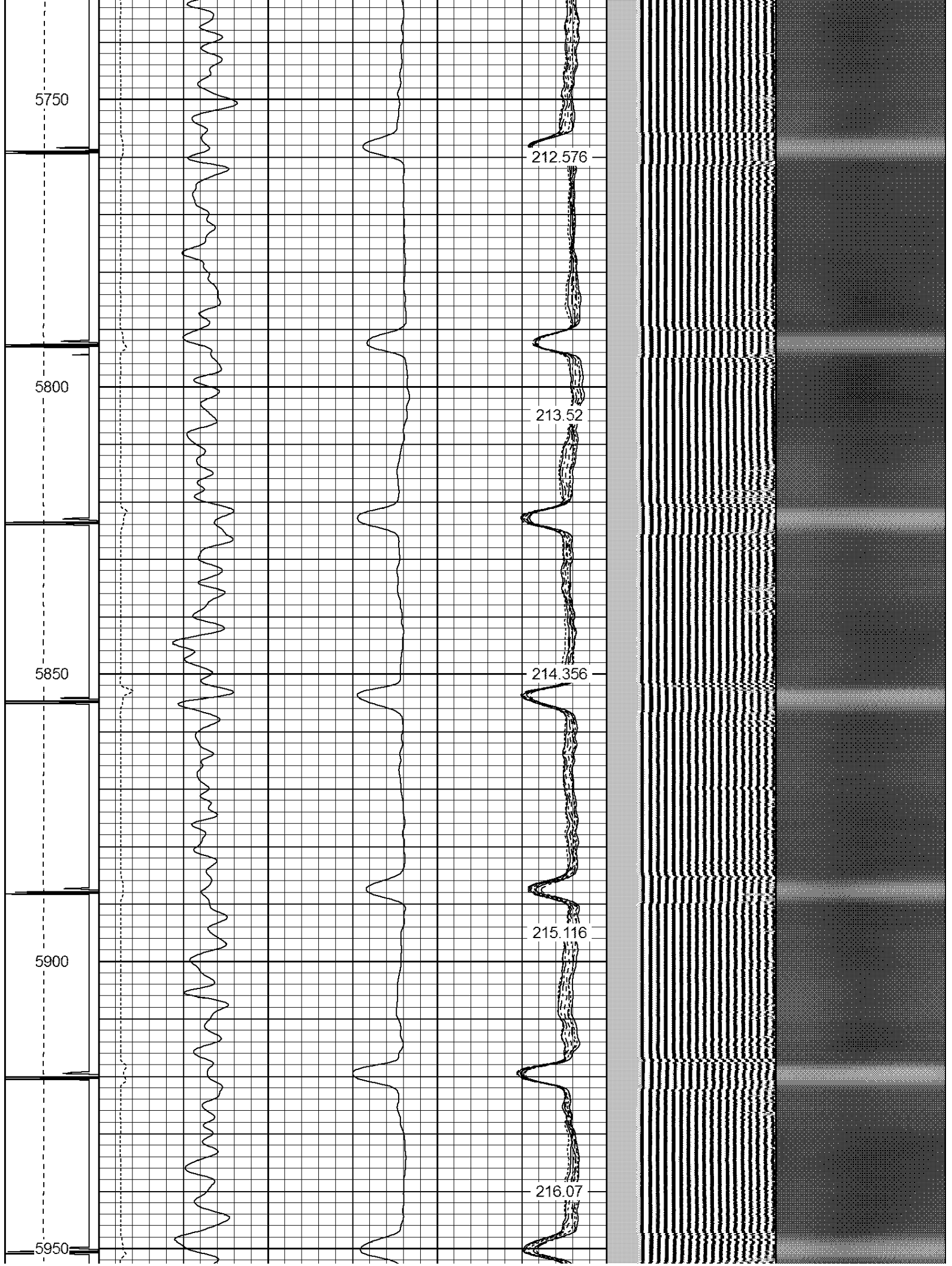




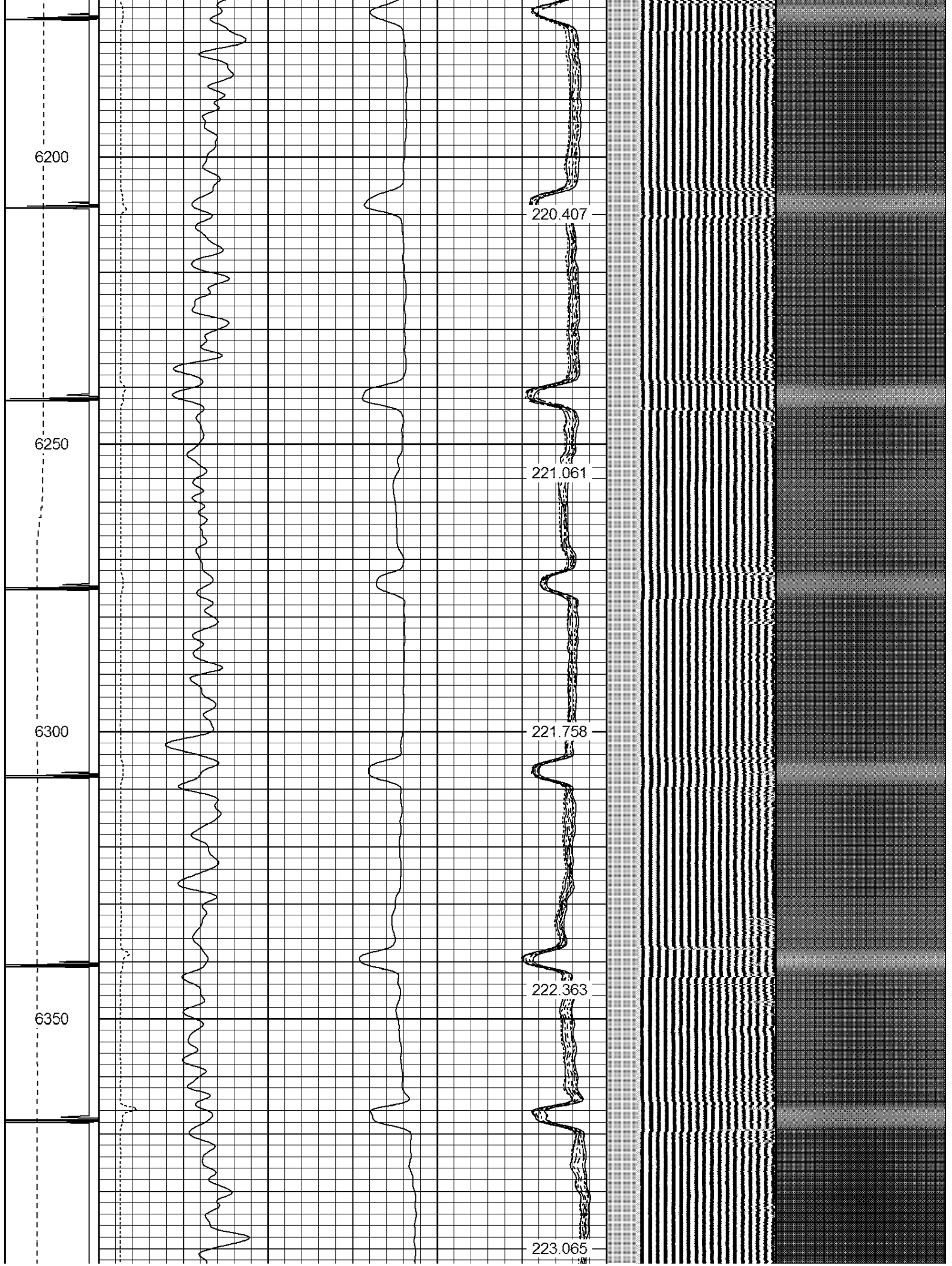




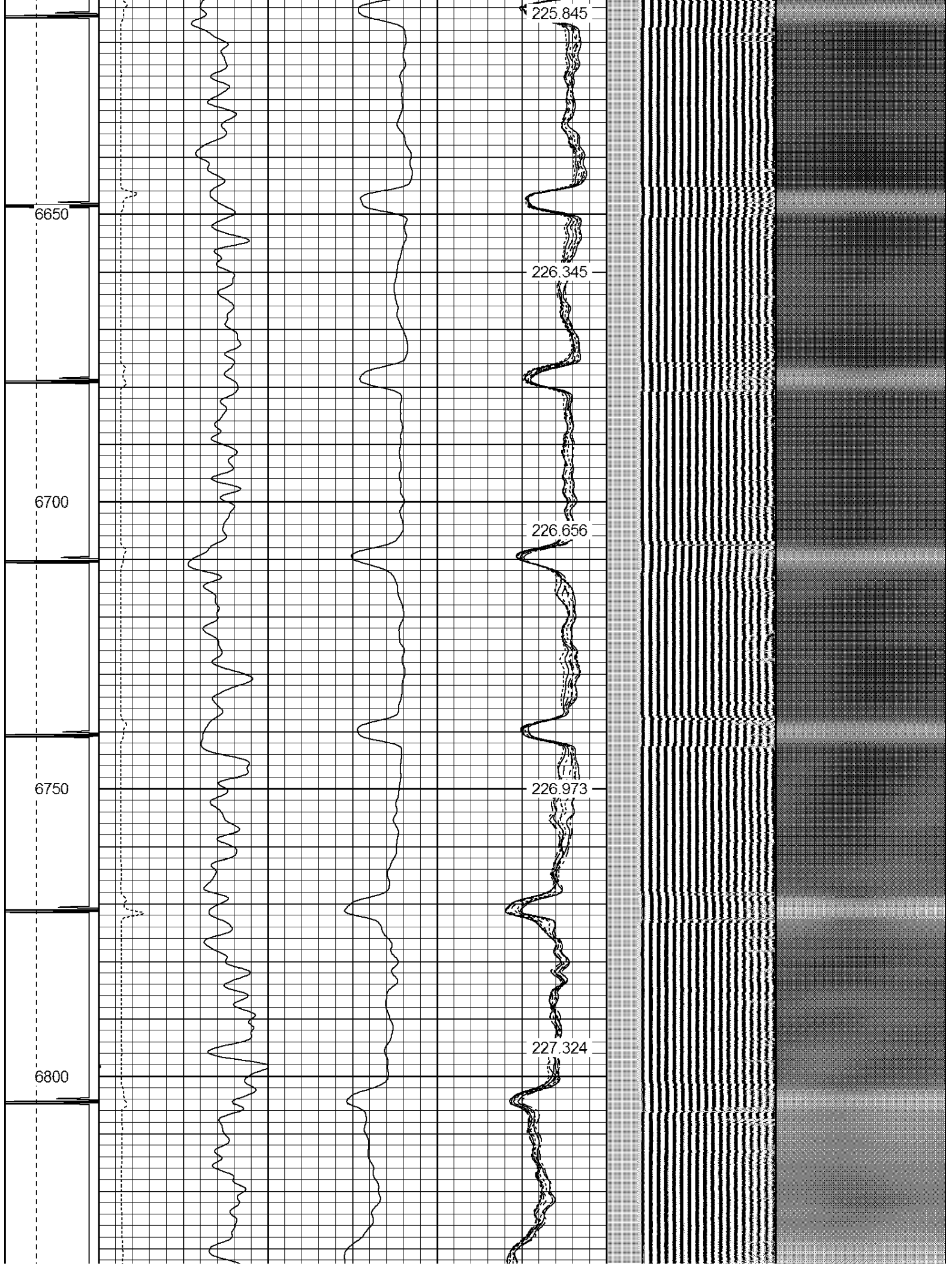


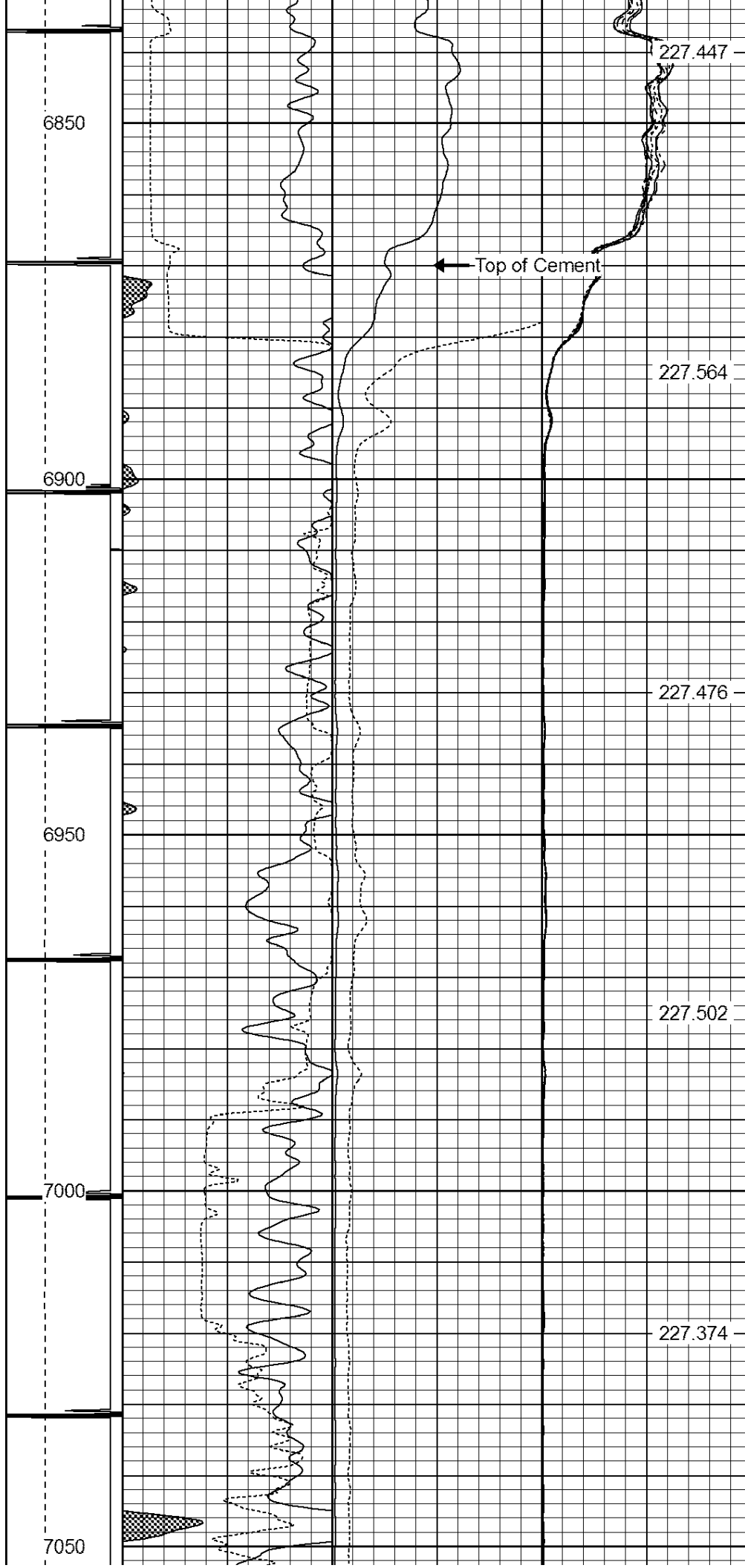


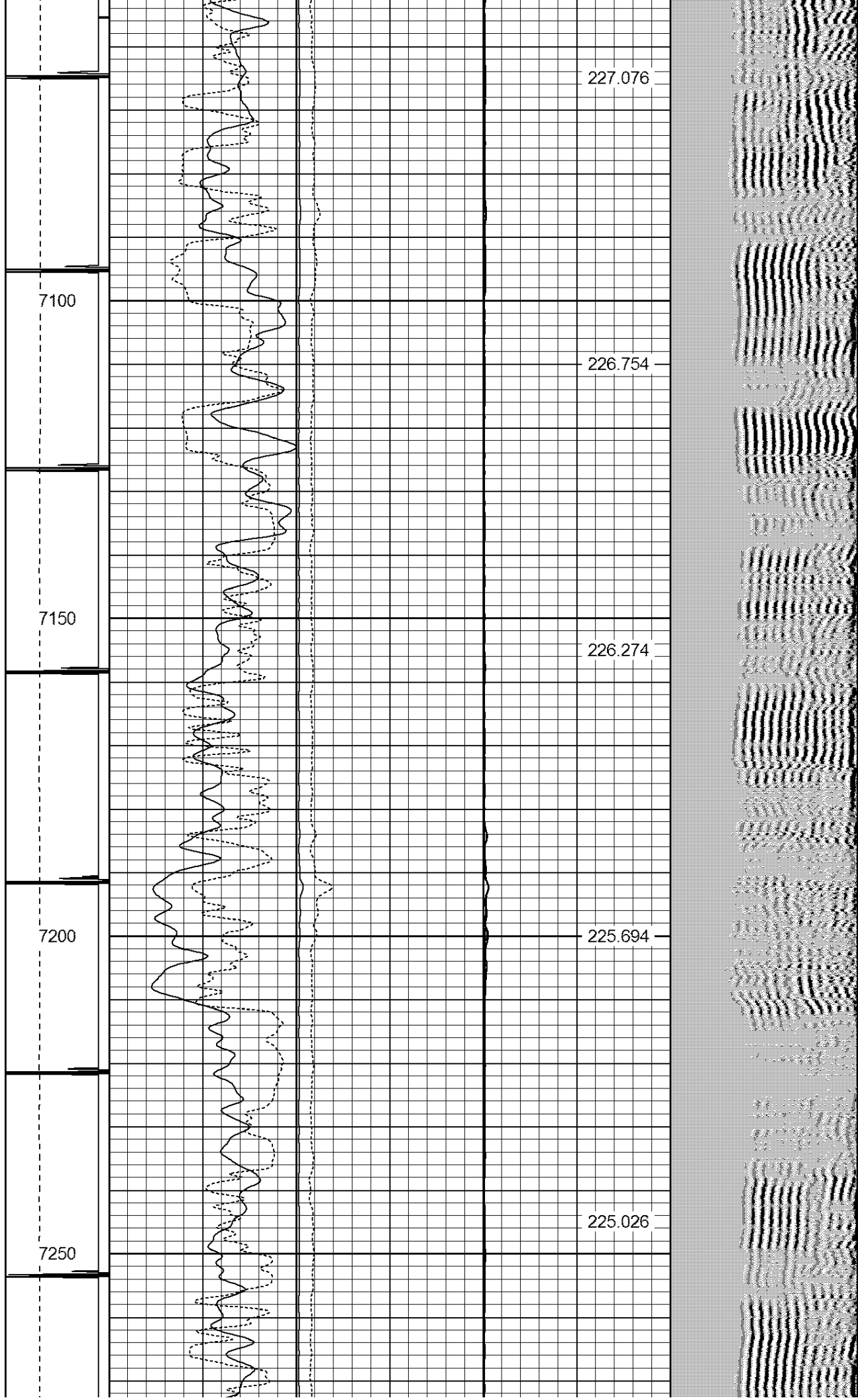


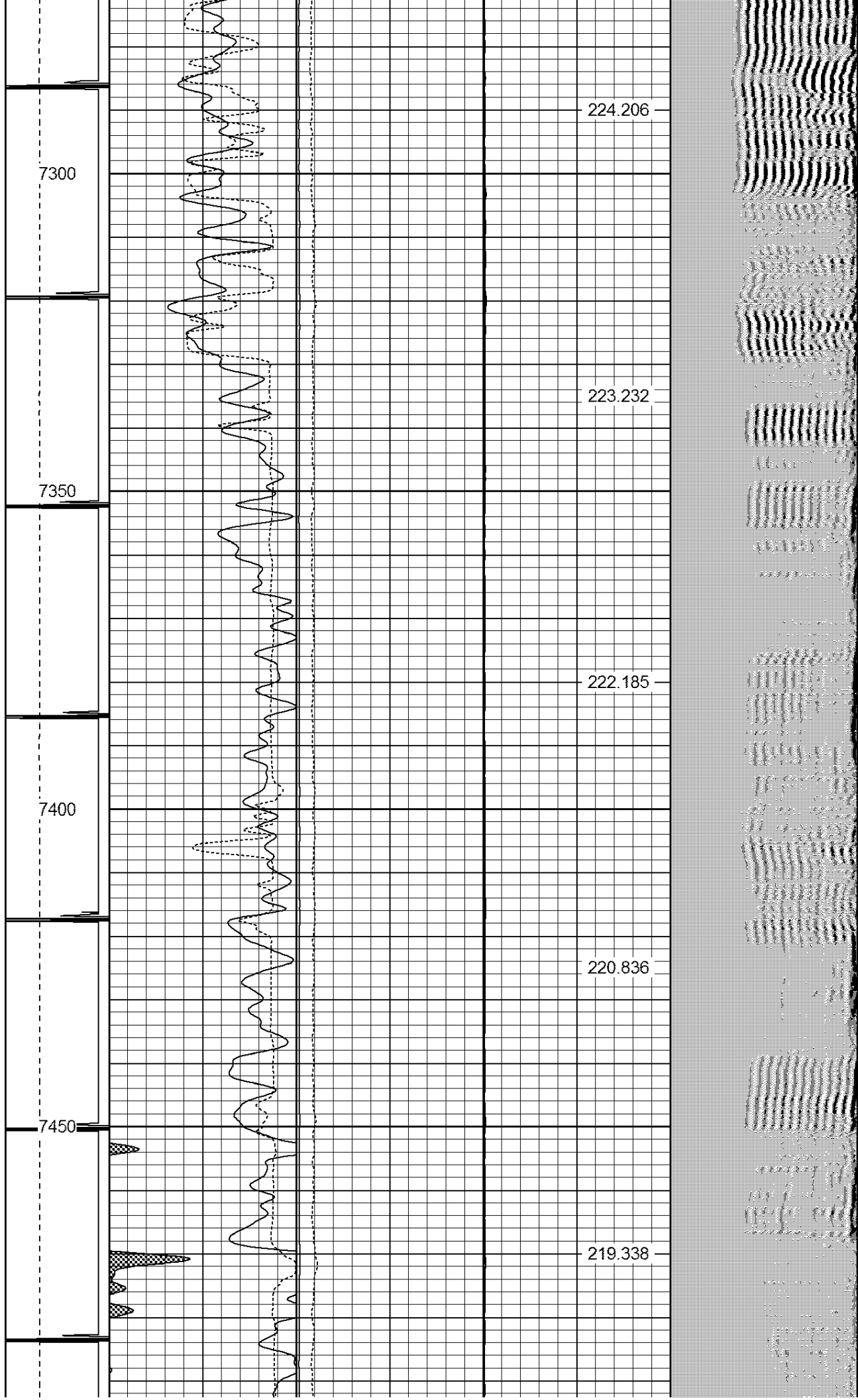


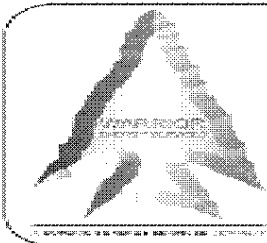
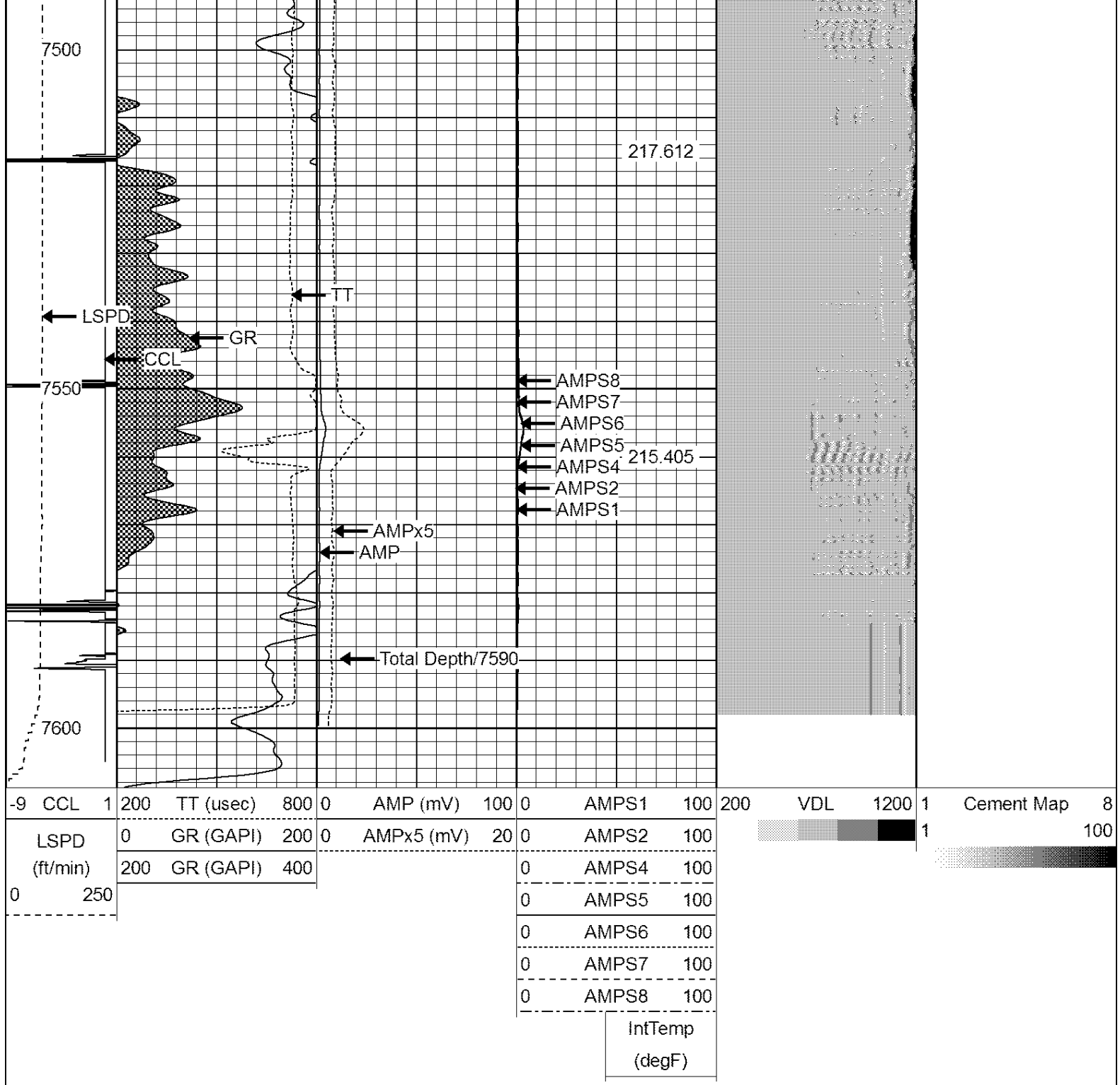












WARRIOR
ENERGY SERVICES

Company KERR-McGEE OIL & GAS ONSHORE LP

Well RADEMACHER LOUIS J GU 1

Field WATTENBERG

County WELD

State COLORADO