



**RADIAL CEMENT BOND
GAMMA RAY
CCL**

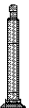
Company CONOCOPHILLIPS		Company CONOCOPHILLIPS					
Well SKY RANCH 4-65 9-10 1H		Well SKY RANCH 4-65 9-10 1H					
Field WILD CAT		Field WILD CAT					
County ARAPAHOE		County ARAPAHOE					
State CO		State CO					
Location: LAT: 39 42' 46.667"N & LONG: -104 38' 33.752"W		APL # : 05-005-07224					
SEC 10 TWP 5S RGE 6SW		Other Services GR/JB					
Permanent Datum	GL KB 24'	Elevation	5675'				
Log Measured From	KB						
Drilling Measured From	KB						
Date 10-4-2014							
Run Number	ONE						
Depth Driller	17294'						
Depth Logger	7845'						
Bottom Logged Interval	7845'						
Top Log Interval	1202'						
Open Hole Size	8.875						
Type Fluid	WATER						
Density / Viscosity	1.0						
Max. Recorded Temp.	228 DEG F						
Estimated Cement Top	2105'						
Time Well Ready	N/A						
Time Logger on Bottom	N/A						
Equipment Number	4310						
Location	GREELEY						
Recorded By	N. BREHMER						
Witnessed By	M. SEMON						
Borehole Record		Tubing Record					
Run Number	Bit	From	To	Size	Weight	From	To
Casing Record	Size		Wgt/Ft	Top	Bottom		
Surface String	9.63		36#	SURFACE	2207'		
Prot. String							
Production String	5.5		23#	SURFACE	17294'		
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

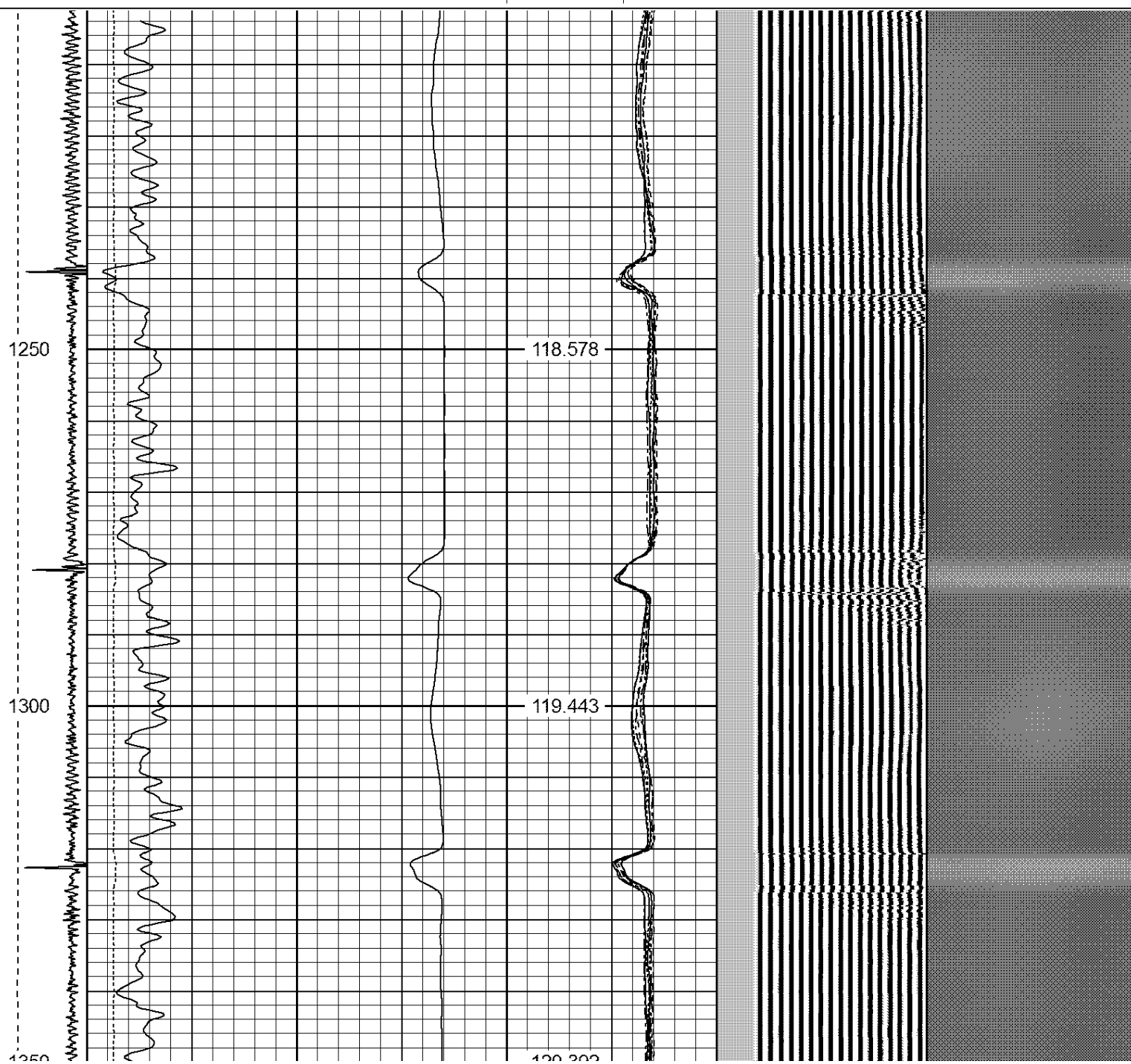
RAN CBL TO VERIFY CEMENT BOND
TOP OF GOOD CEMENT 3112', QUESTIONABLE BOND FROM 3112'-2105'
LOGGED WITH 500PSI ON CASING
MAKER JOINT@7031'-7053'
THANK YOU FOR USING WARRIOR !!!!!!!

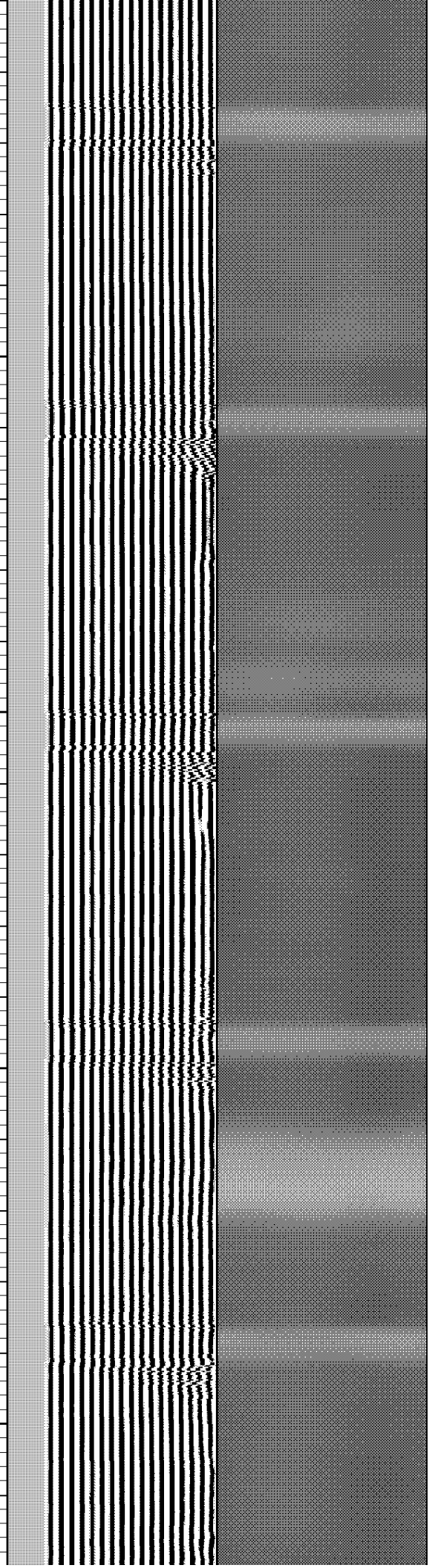
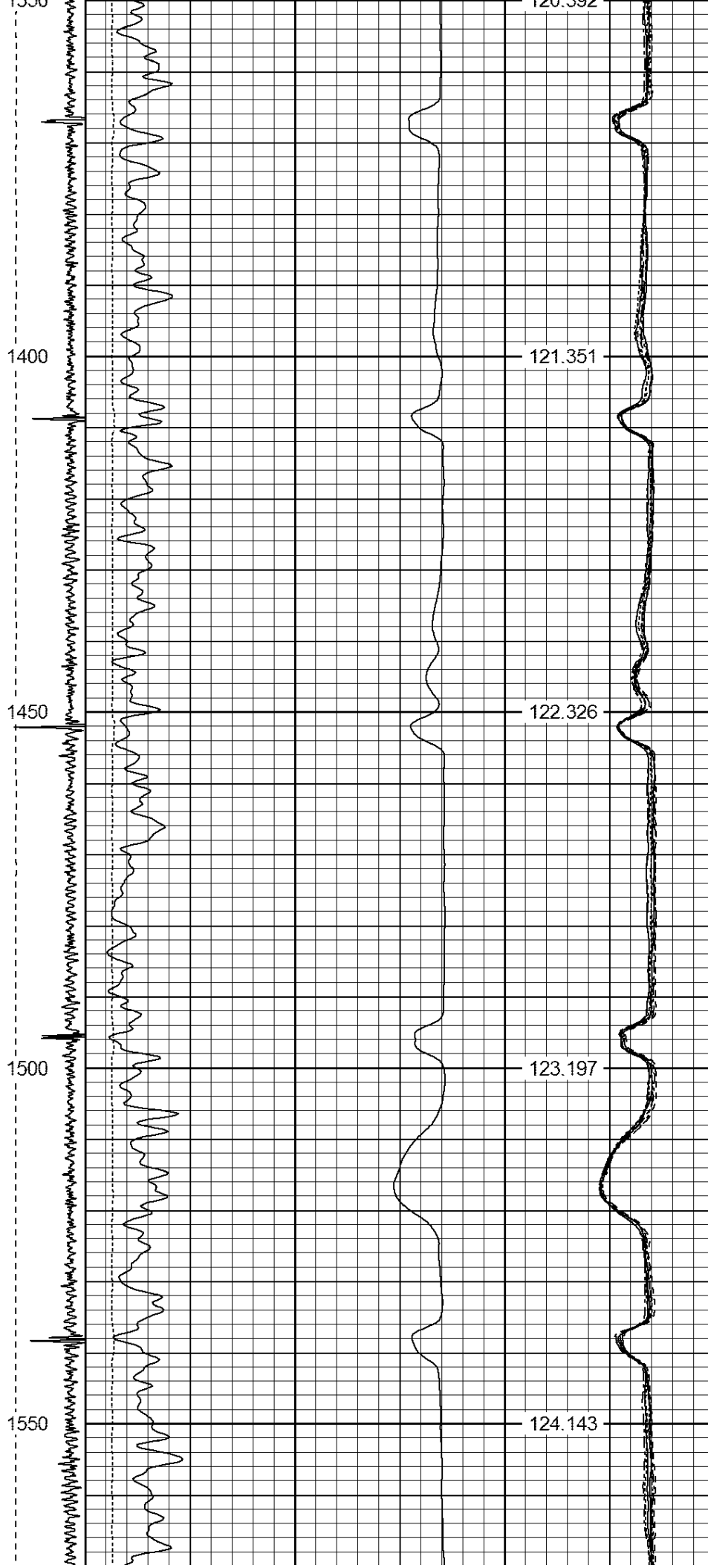
Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			1_4	1.00	1.36	5.00



Database File: skyranch 4-65-9-10 1h.db
Dataset Pathname: pass8
Presentation Format: ips_rbt
Dataset Creation: Sat Oct 04 14:09:43 2014 by Log 7.0 B1
Charted by: Depth in Feet scaled 1:240

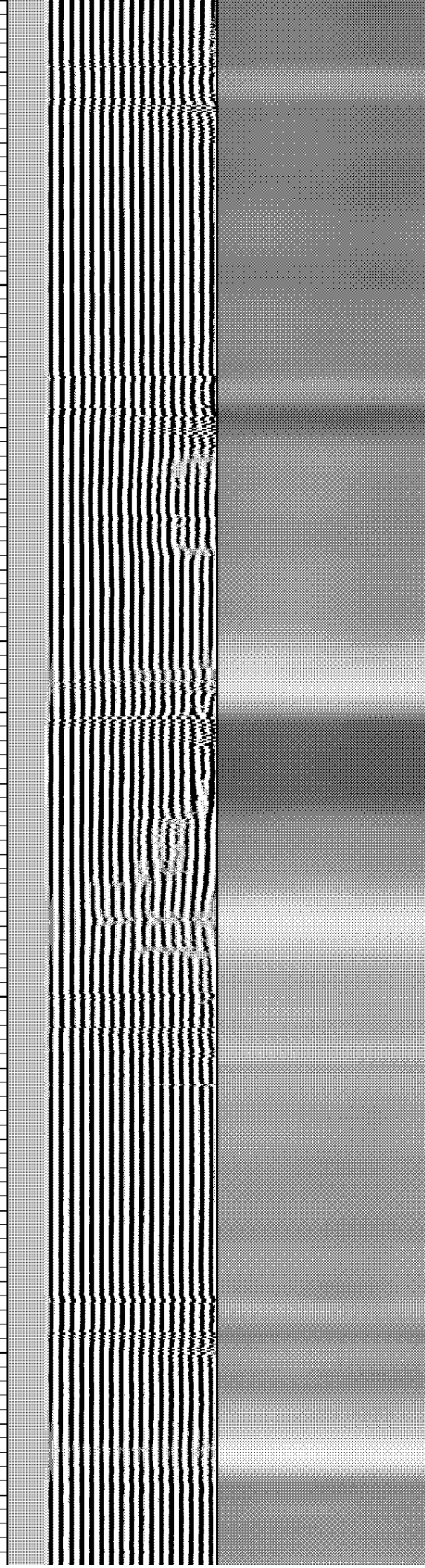
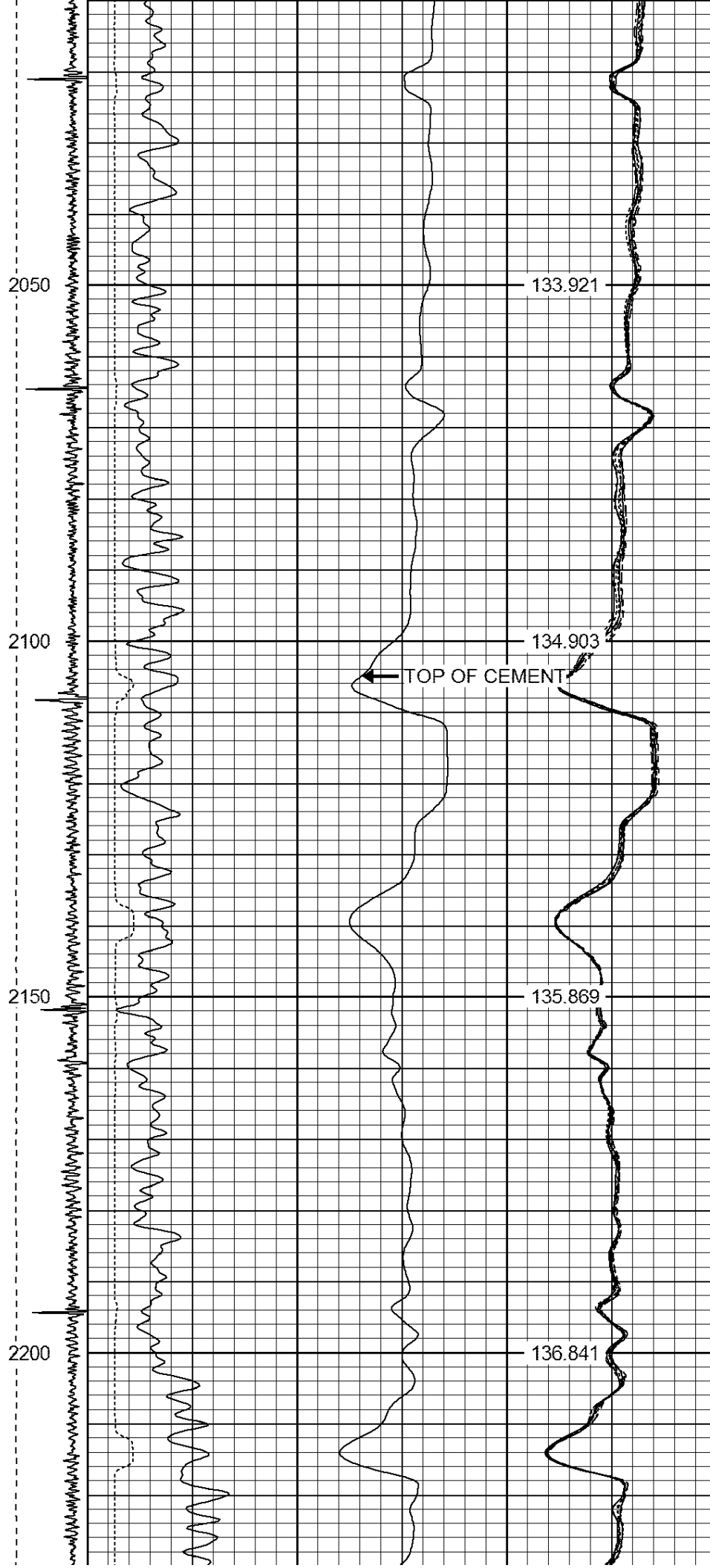
-7	CCL	1	200	TT (usec)	800	0	AMP (mV)	100	0	AMPS1	100	200	VDL	1200	1	Cement Map	8
	LSPD		0	GR (GAPI)	200	0	AMPx5 (mV)	20	0	AMPS2	100				1		100
	(ft/min)		200	GR (GAPI)	400				0	AMPS4	100						
0	250								0	AMPS5	100						
									0	AMPS6	100						
									0	AMPS7	100						
									0	AMPS8	100						
									IntTemp								
									(degF)								

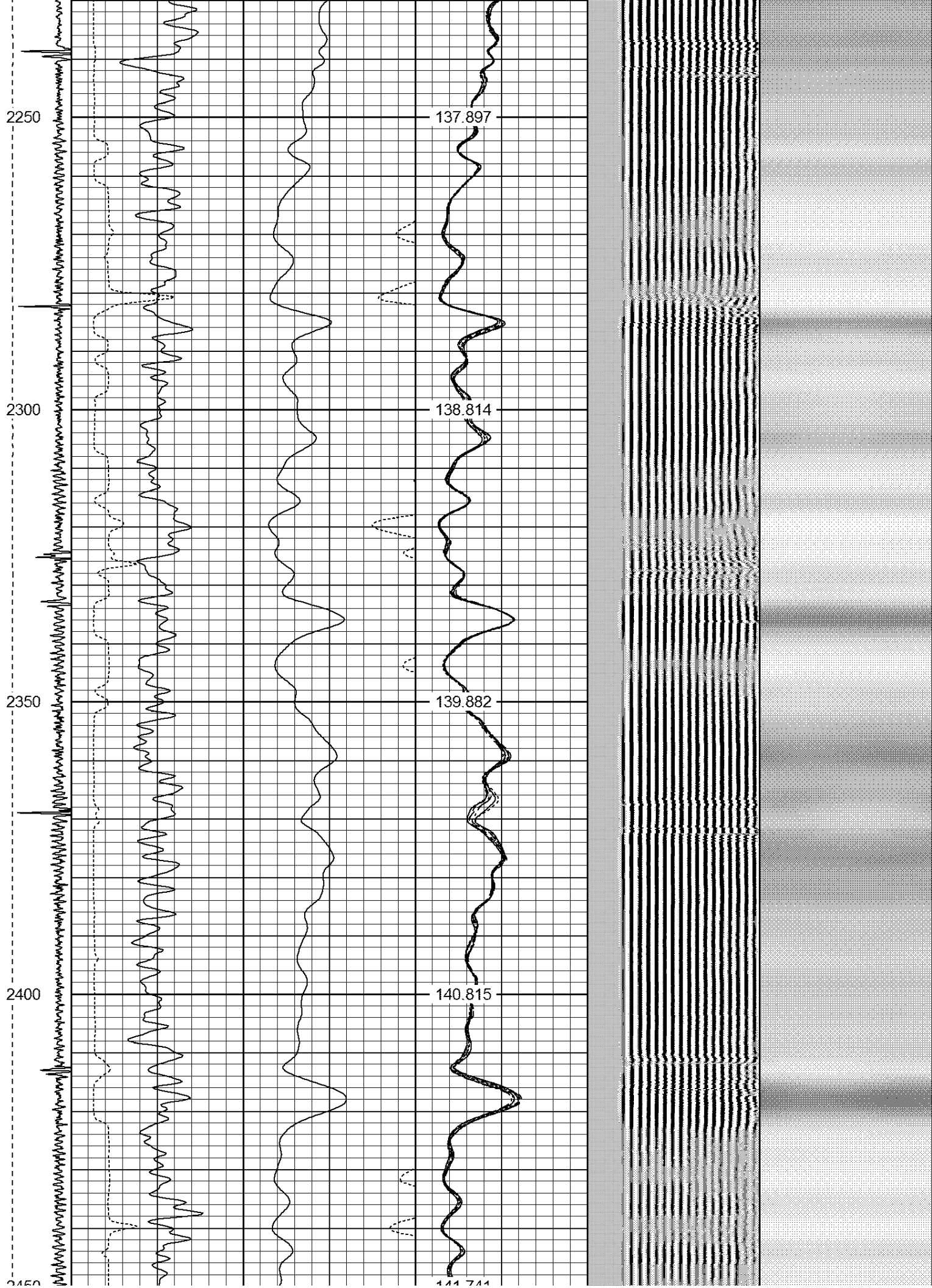


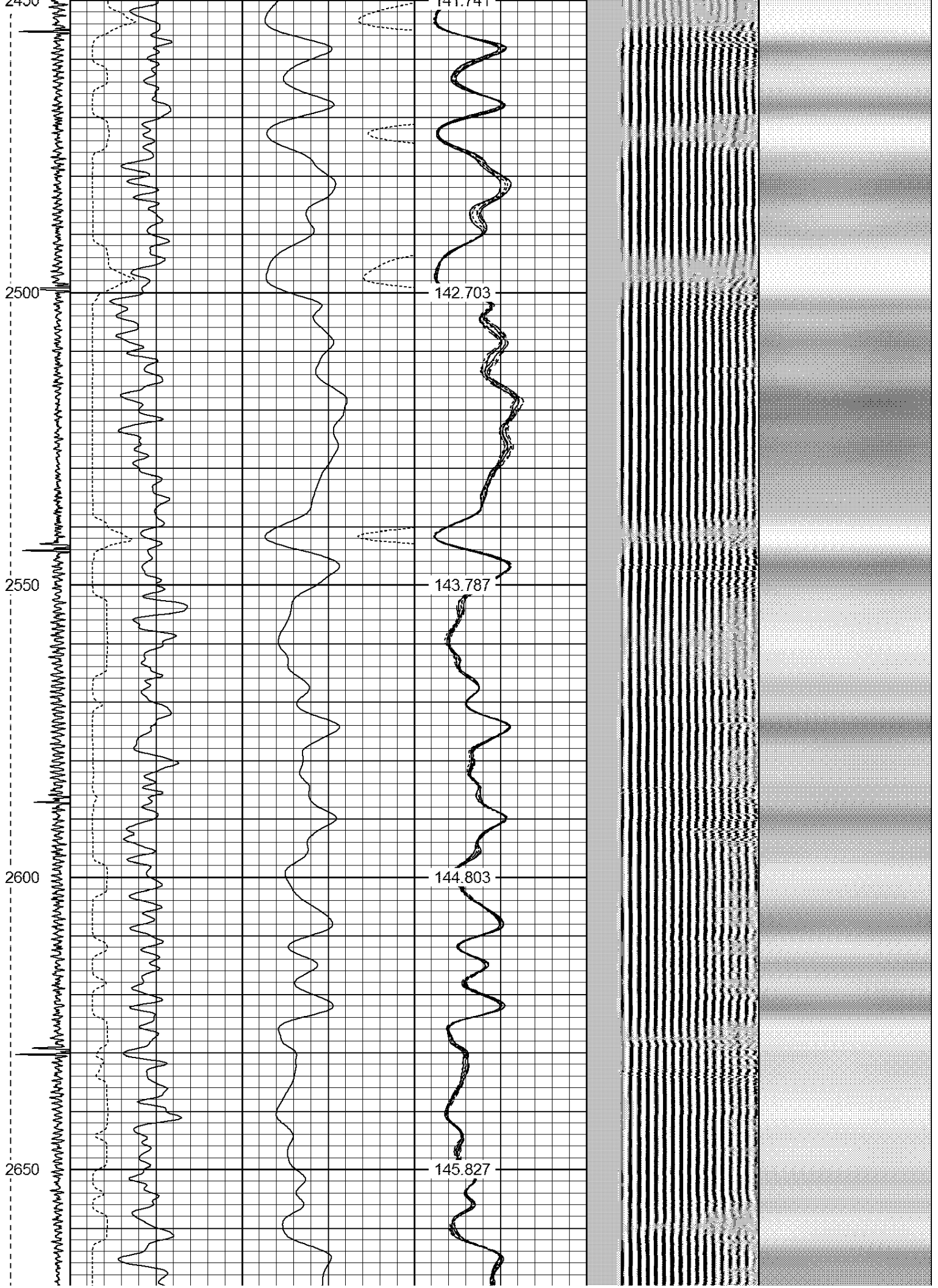


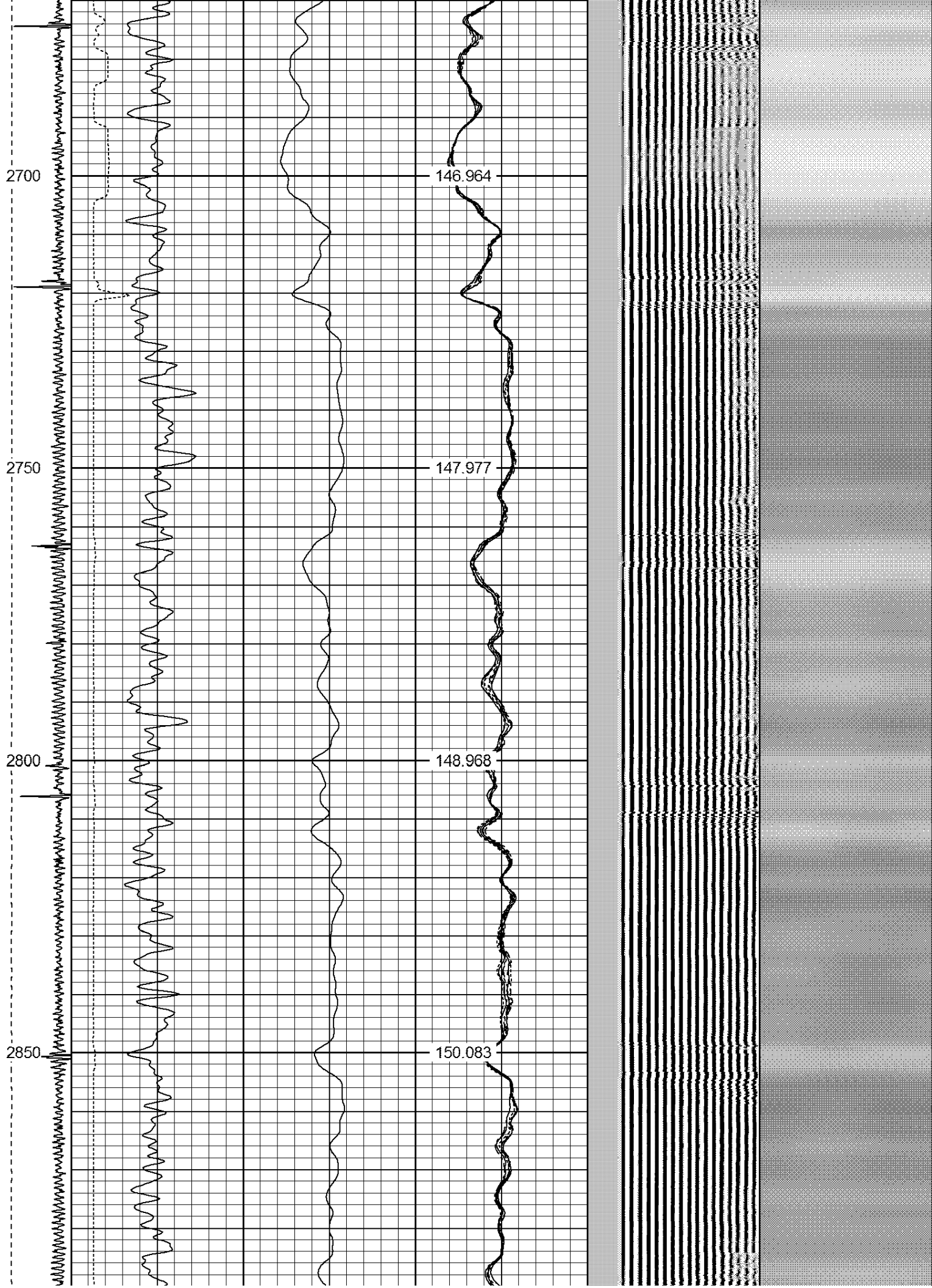


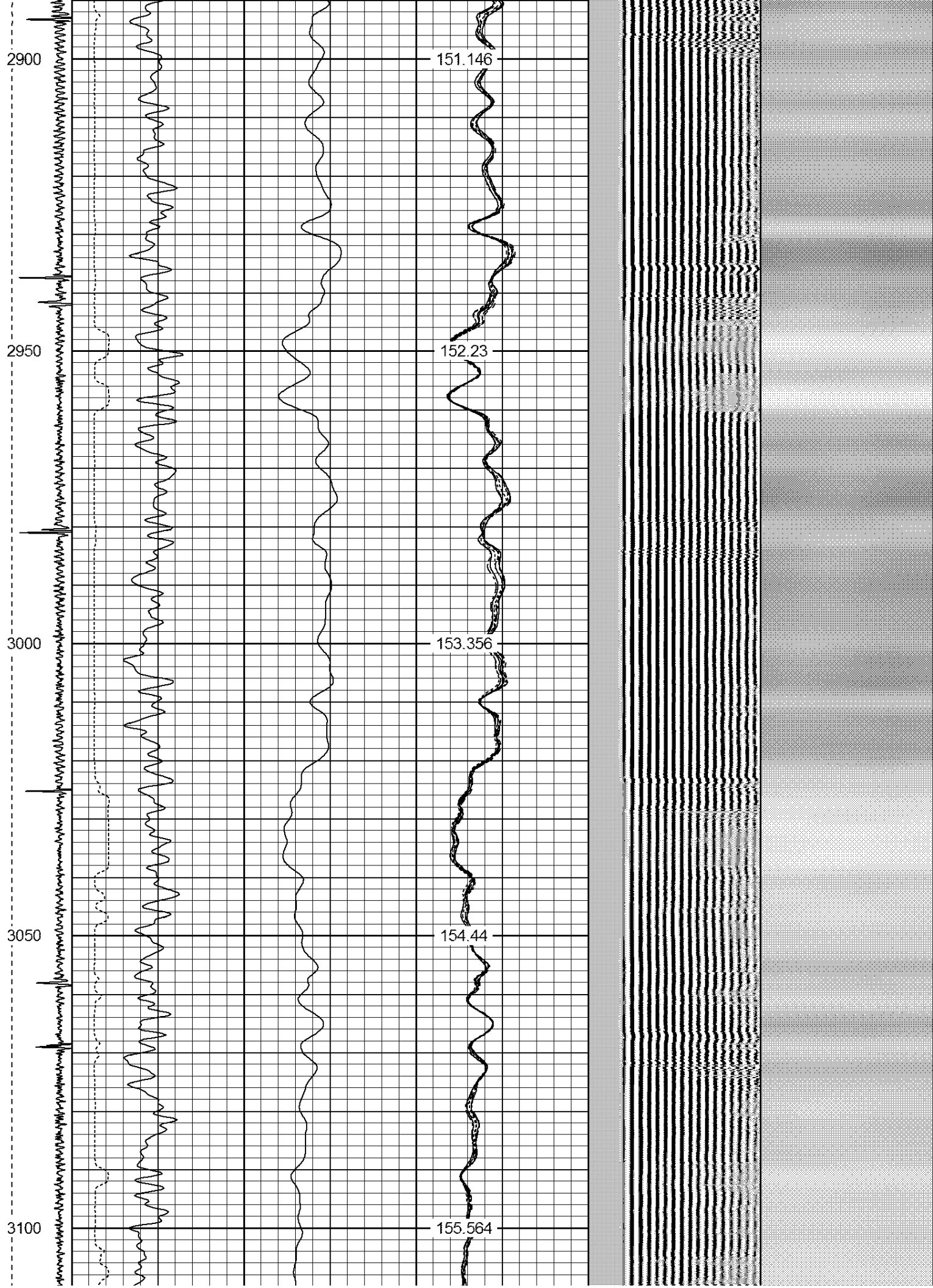












← TOP OF GOOD CEMENT

3150

156.752

3200

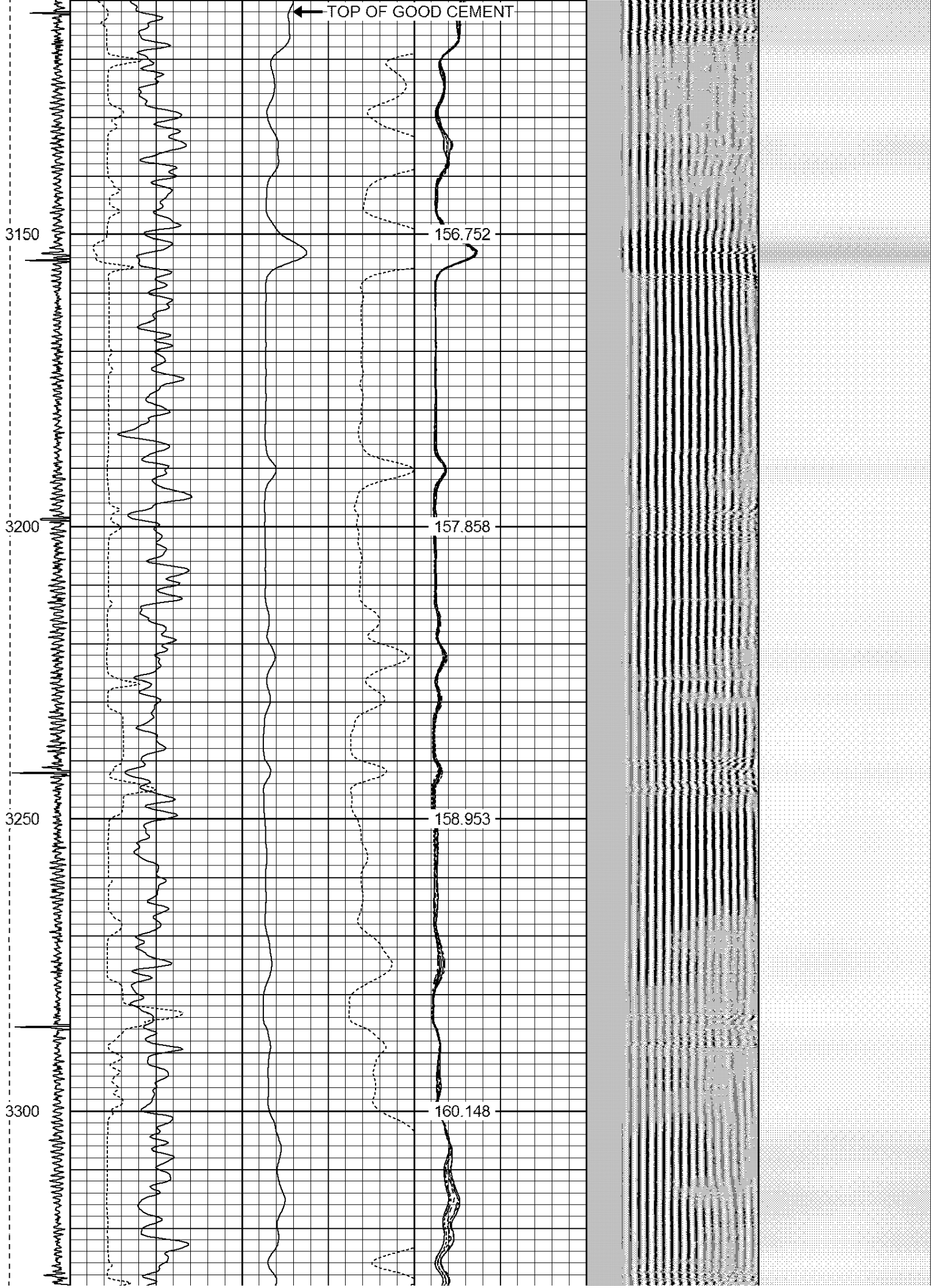
157.858

3250

158.953

3300

160.148



3350

161.259

3400

162.347

3450

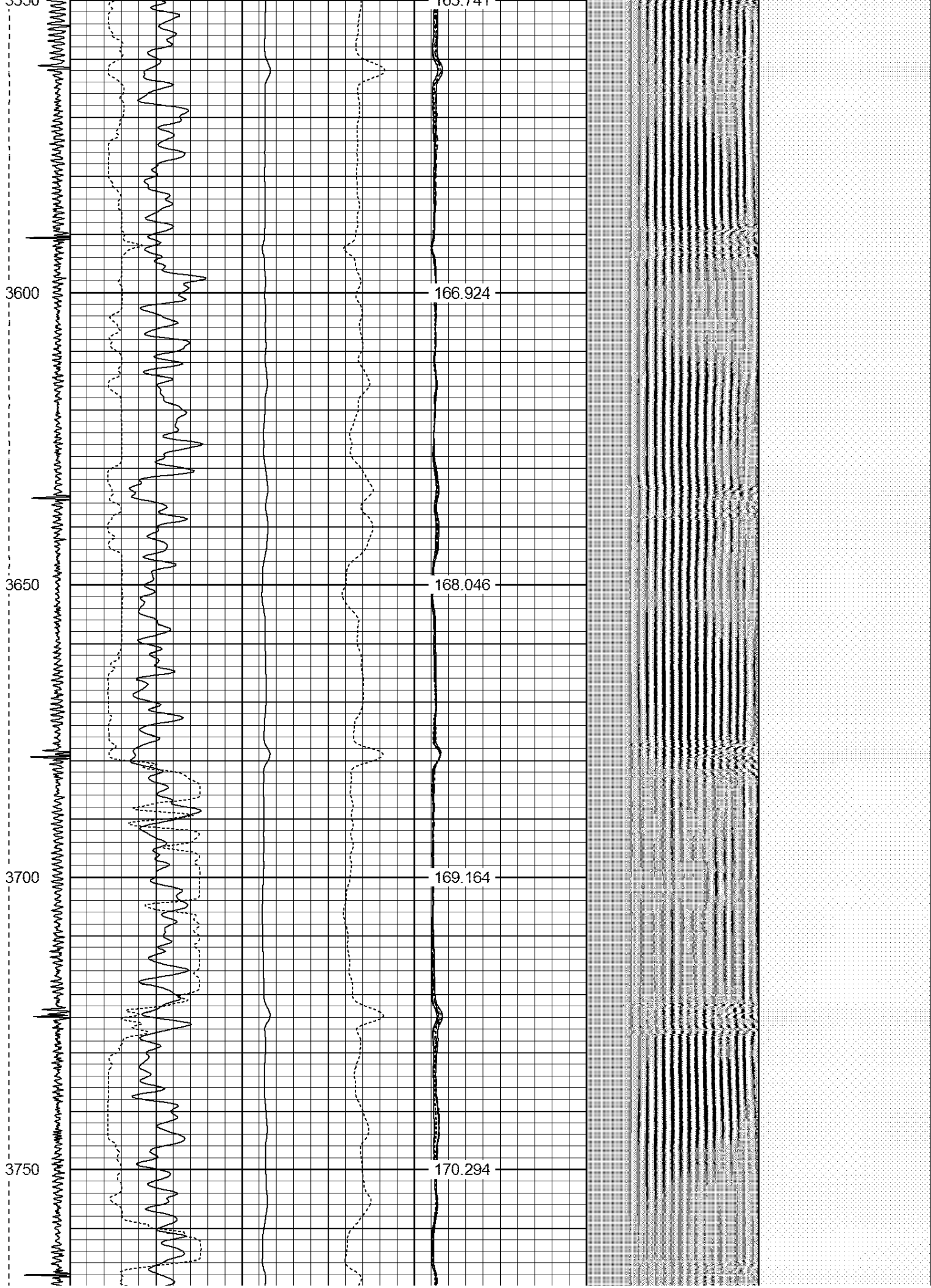
163.477

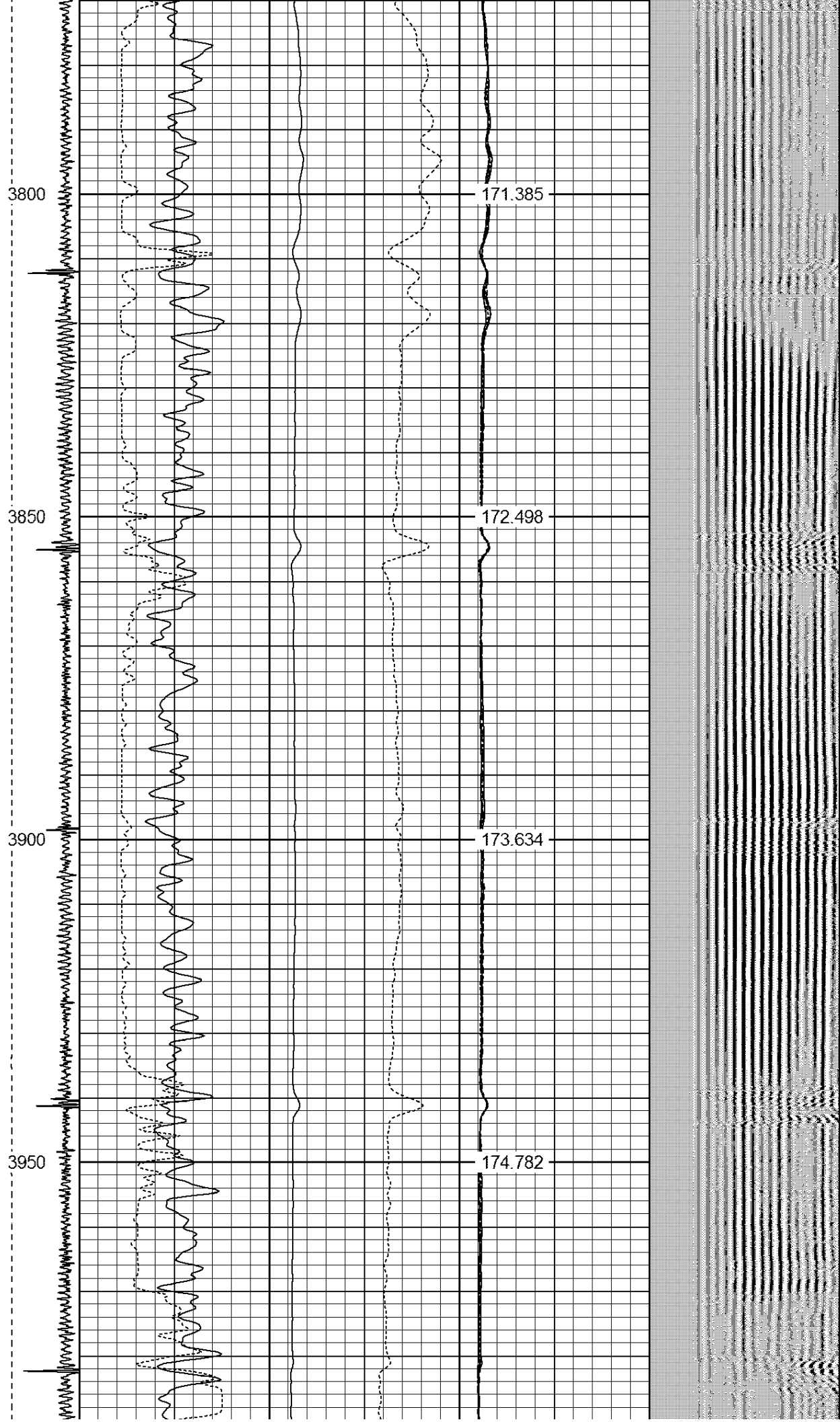
3500

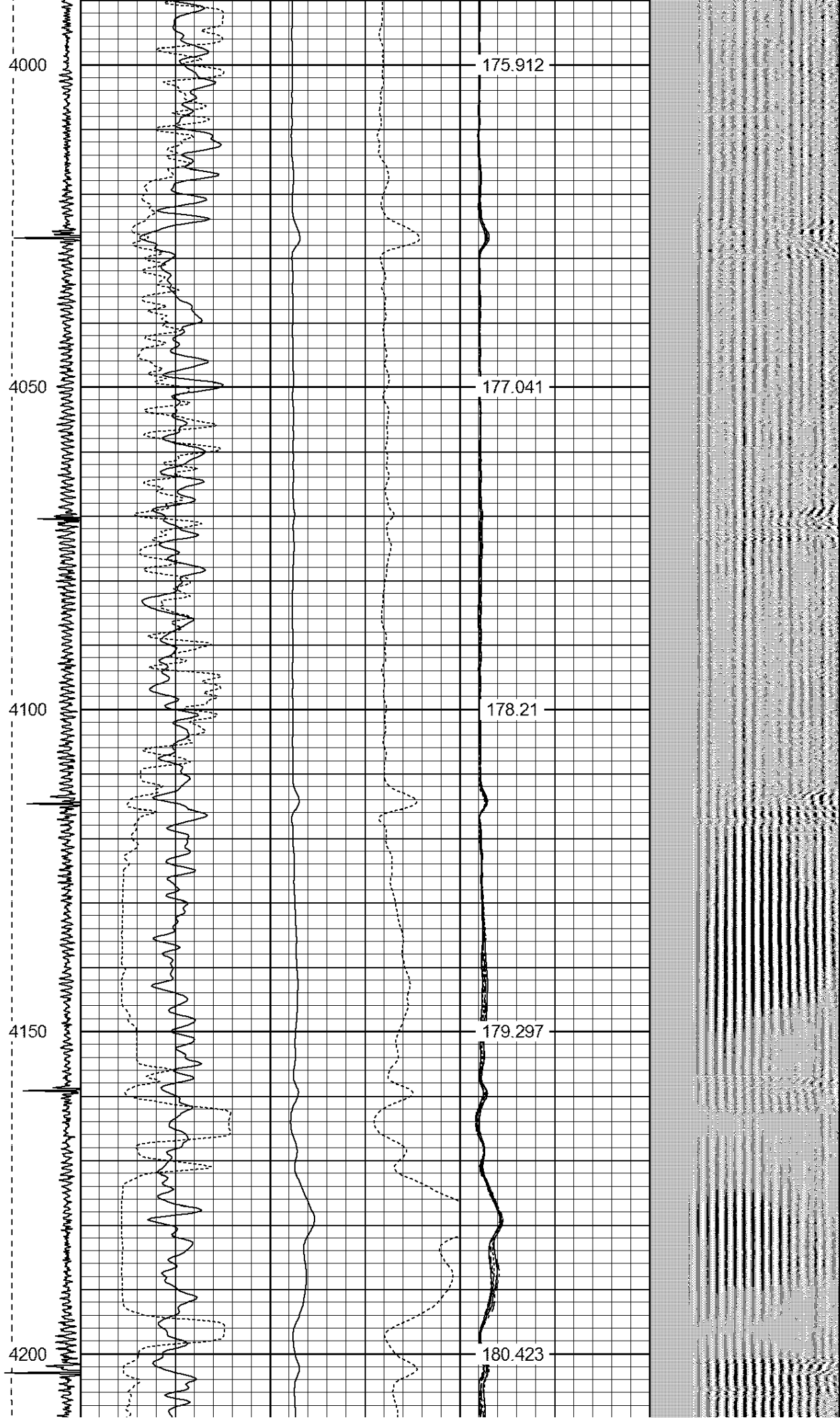
164.579

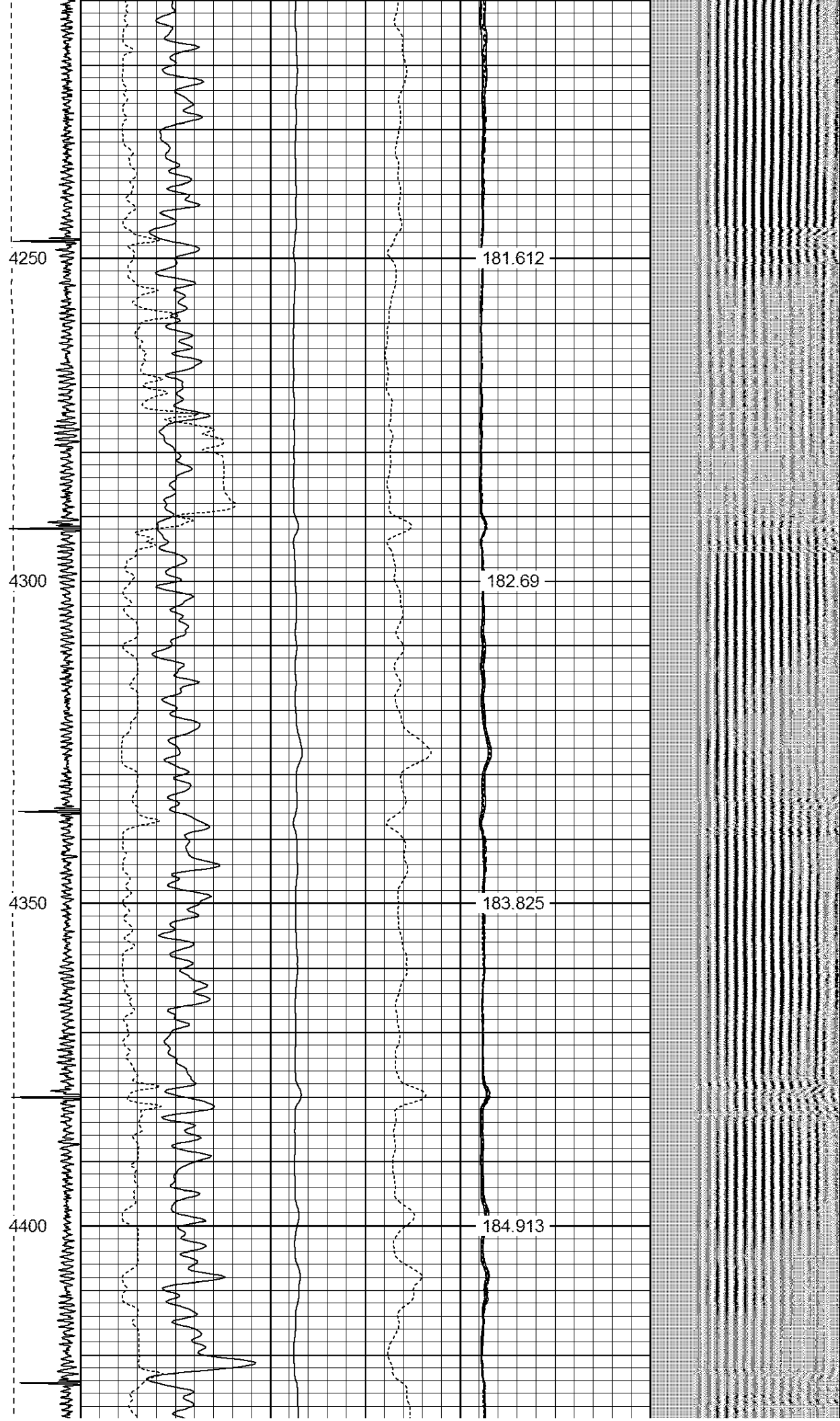
3550

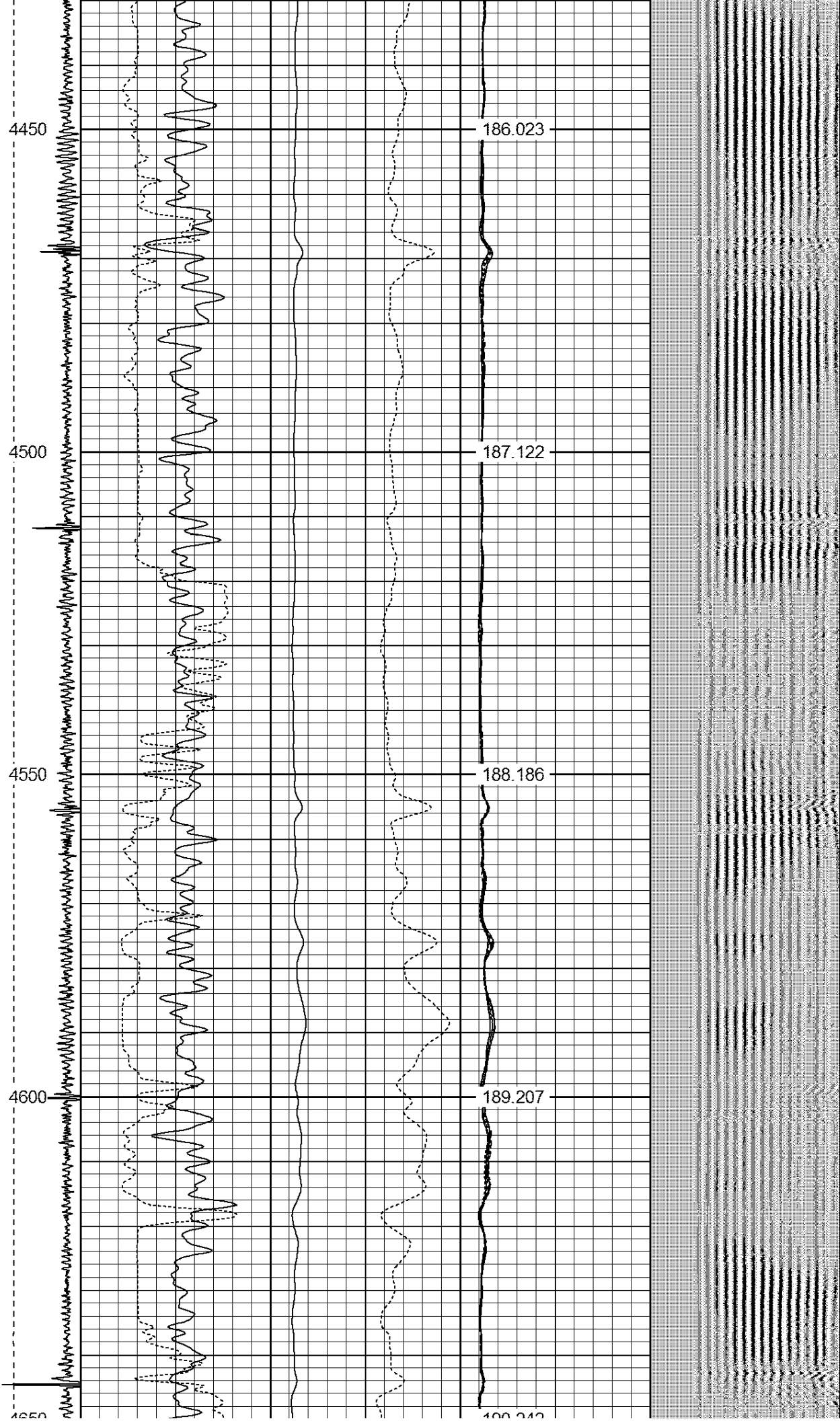
165.711

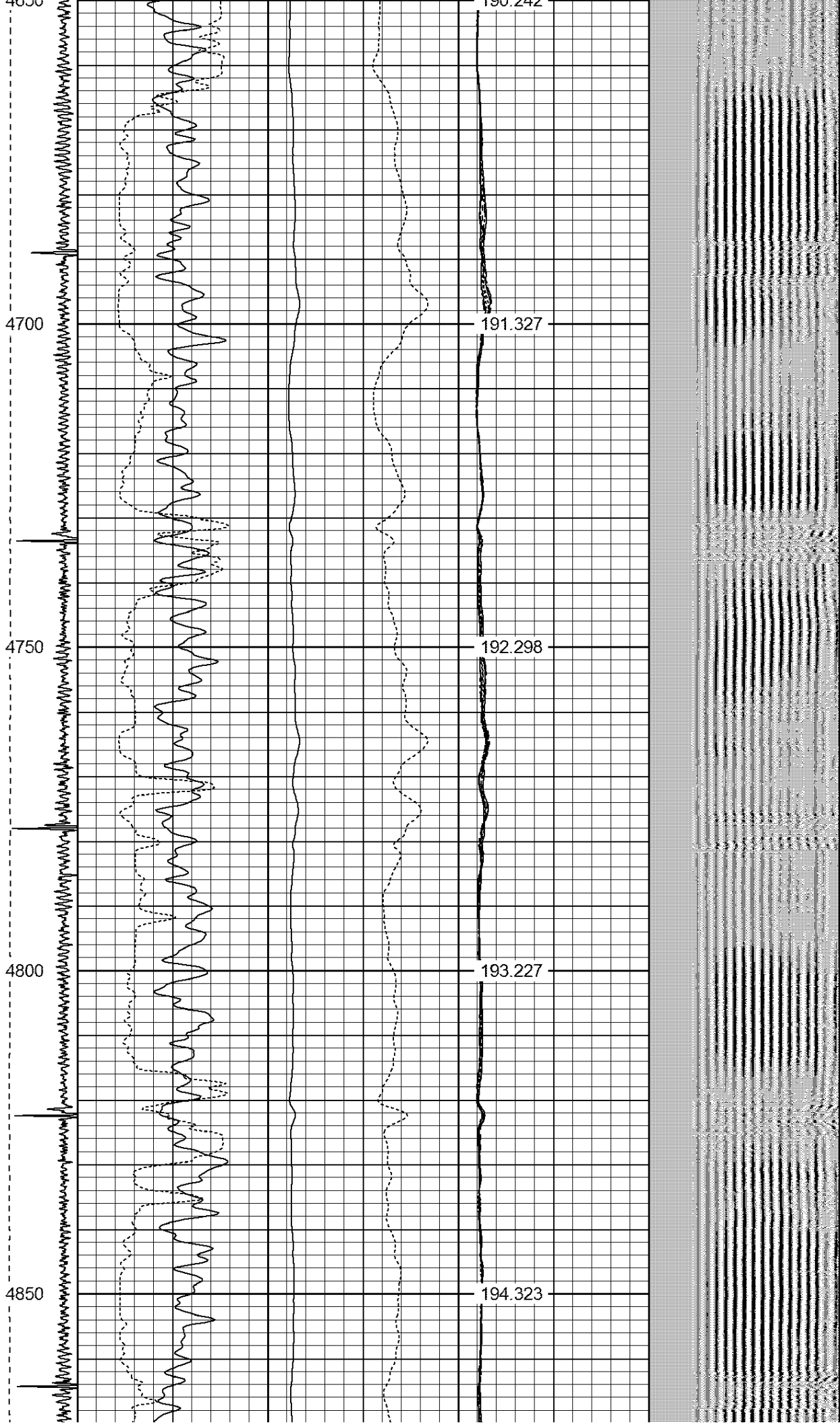


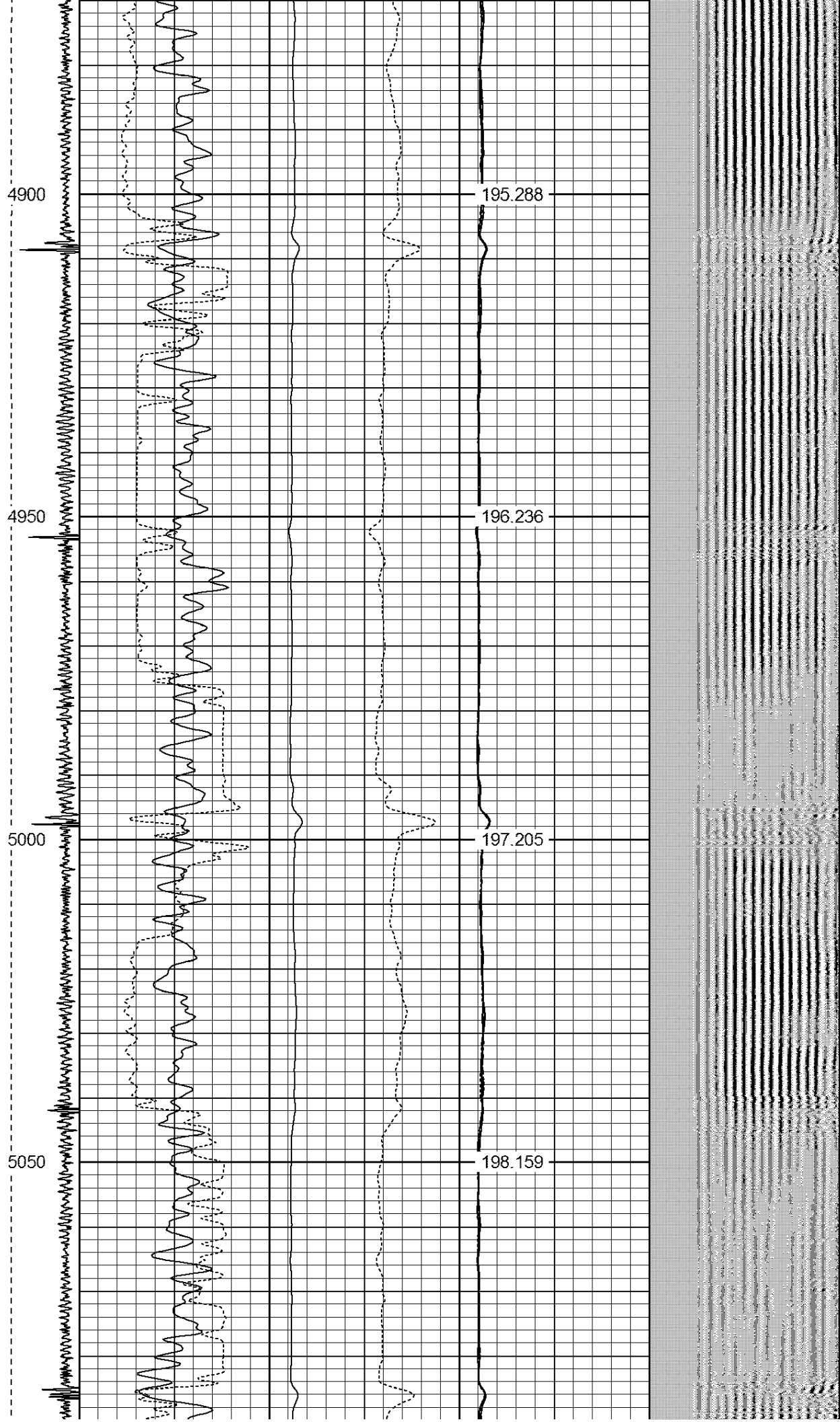


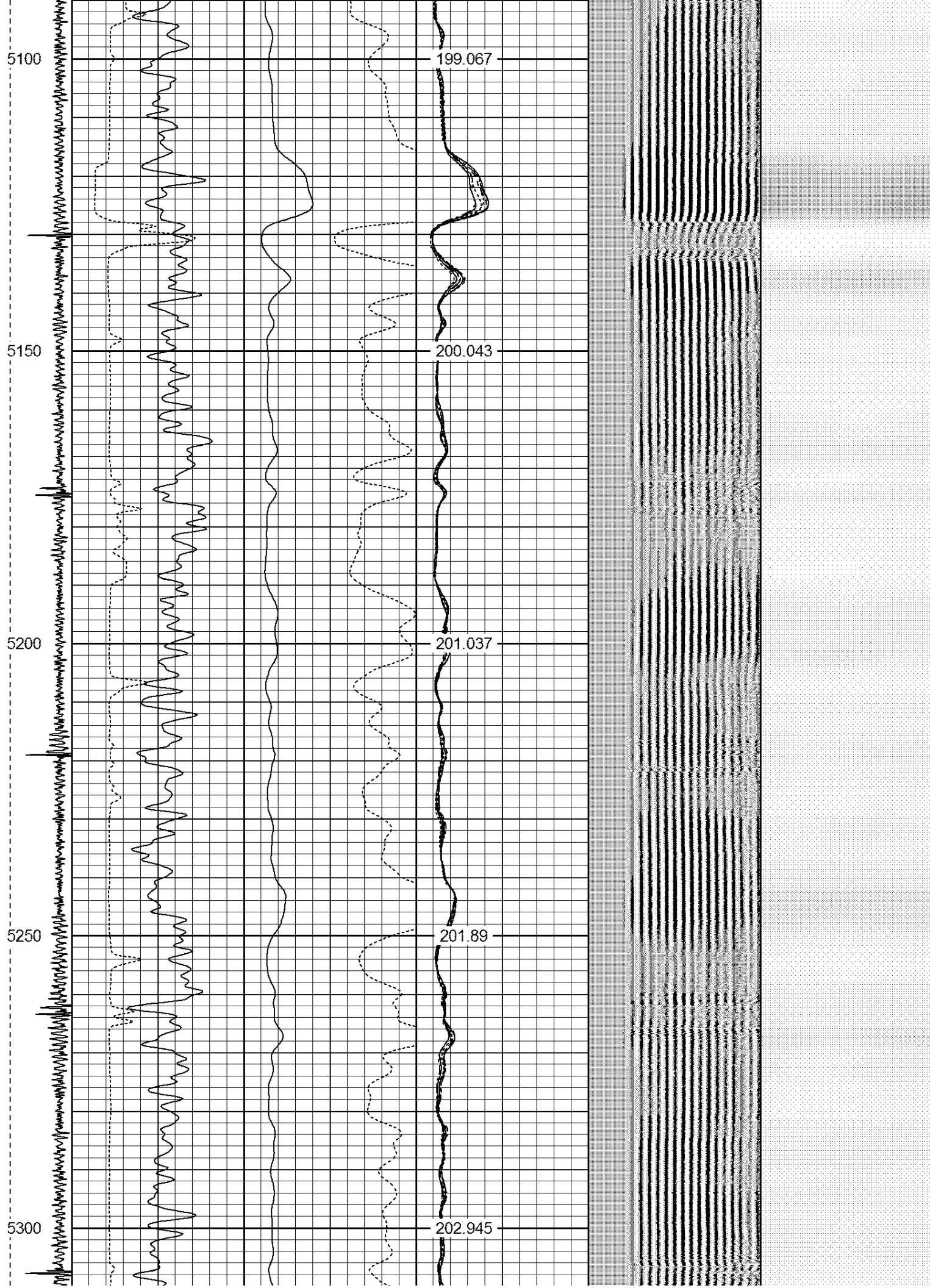


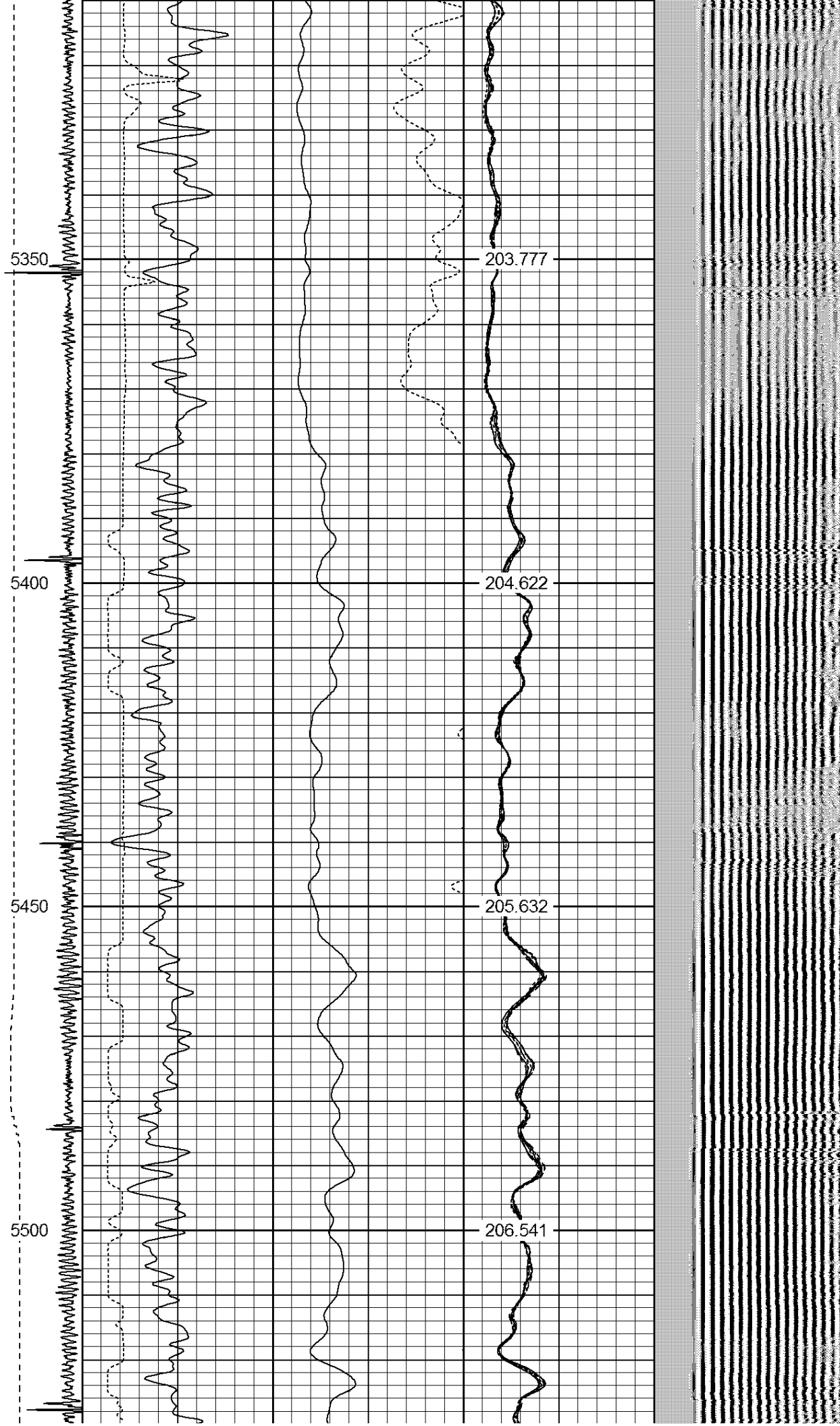


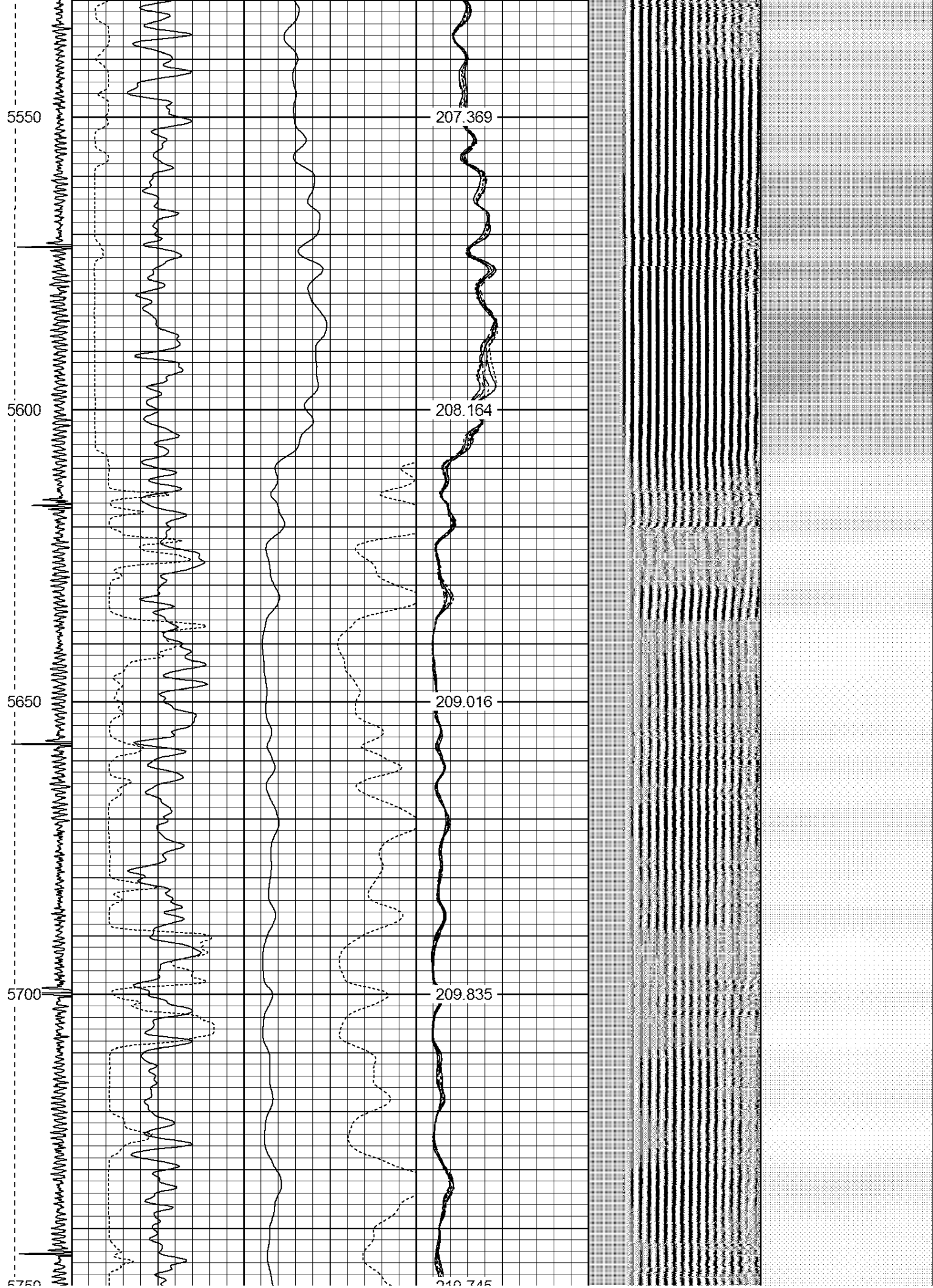


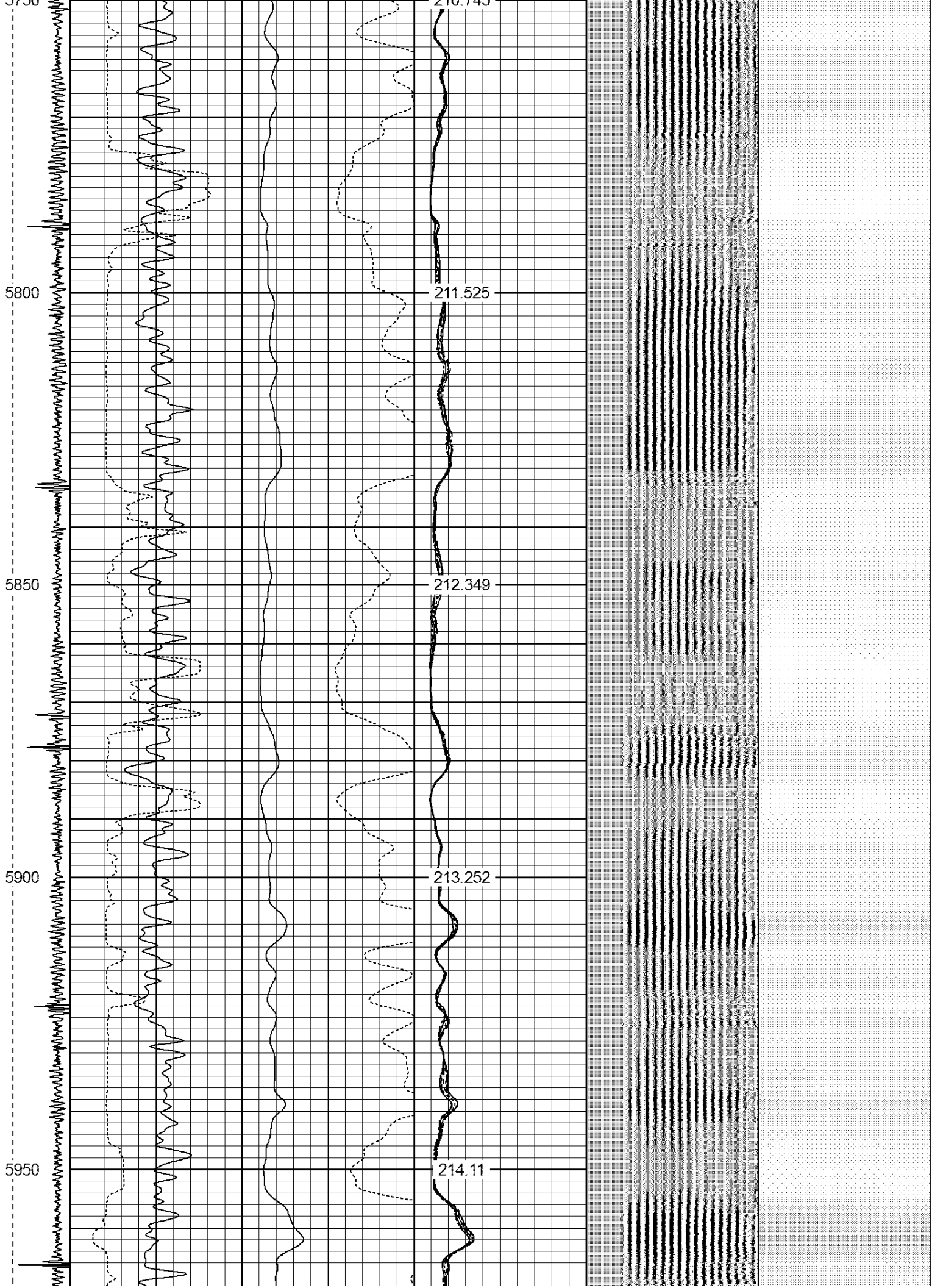


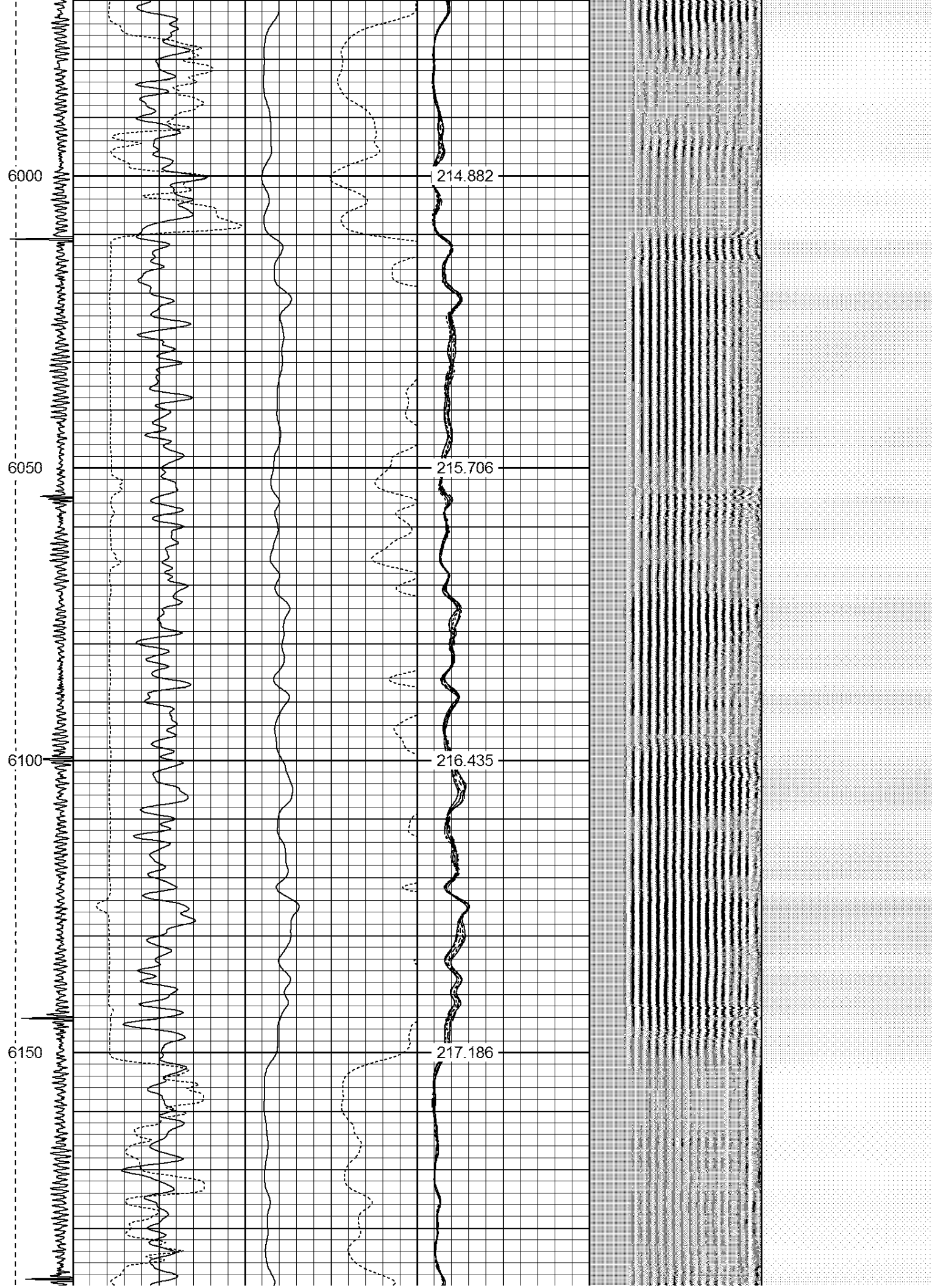


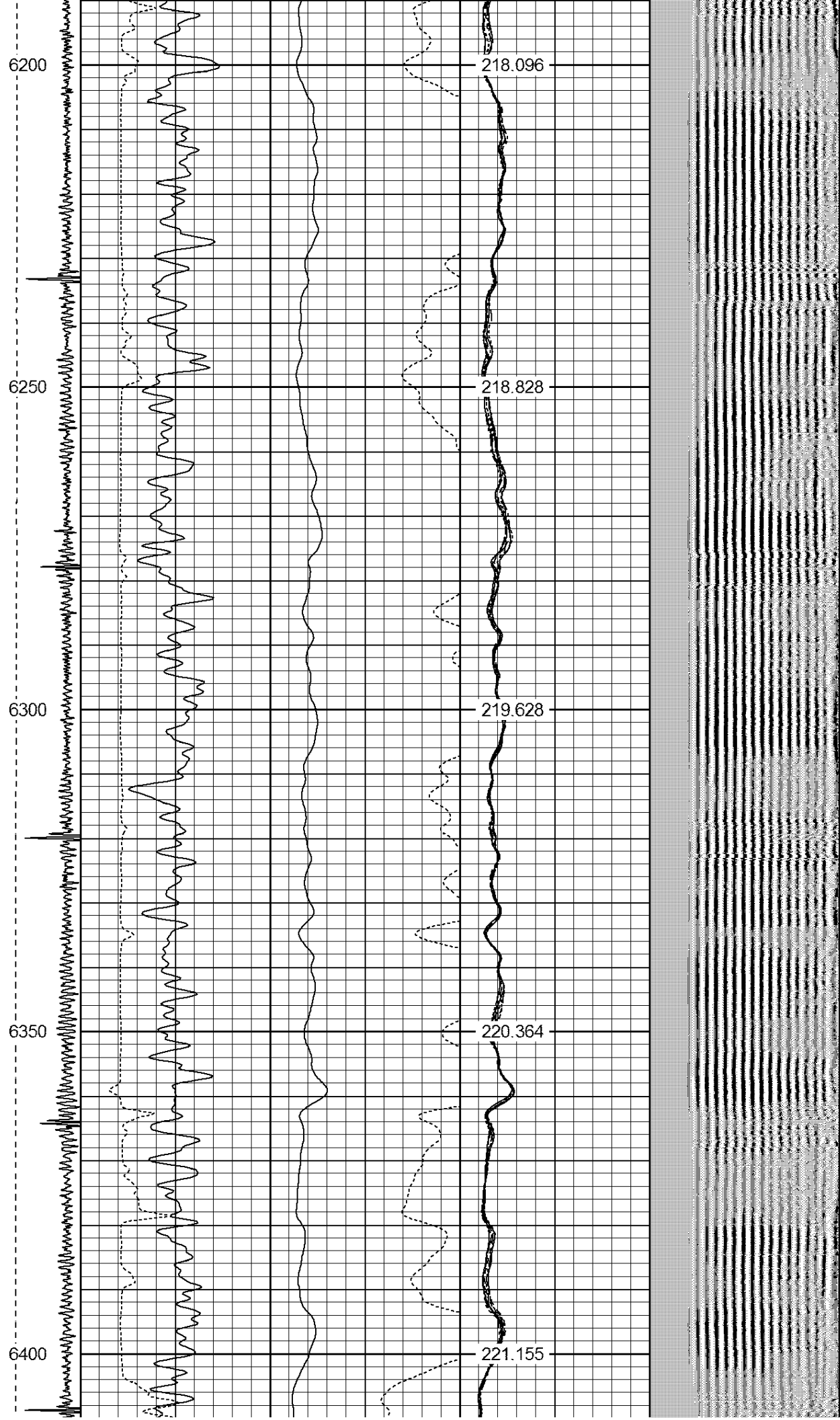


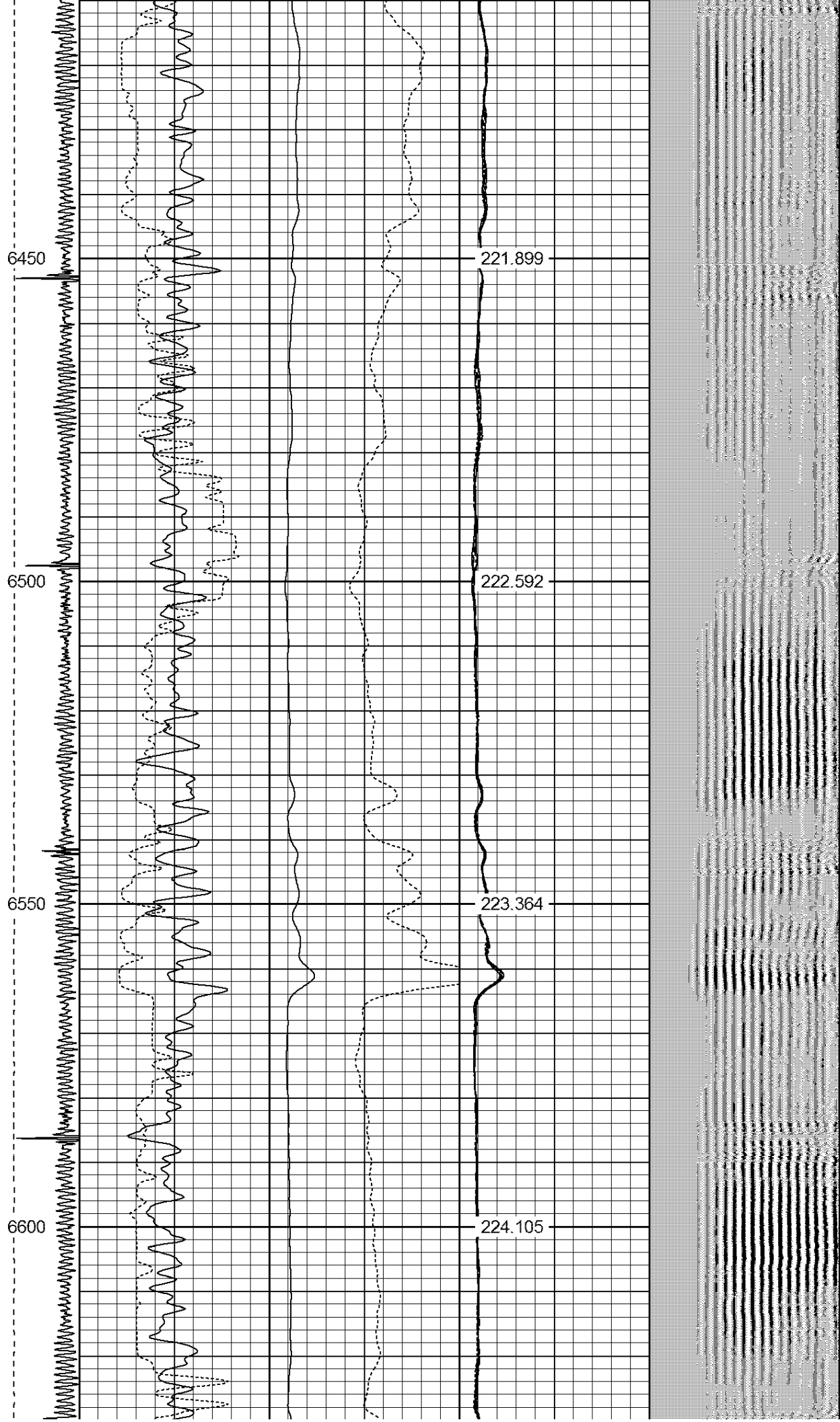


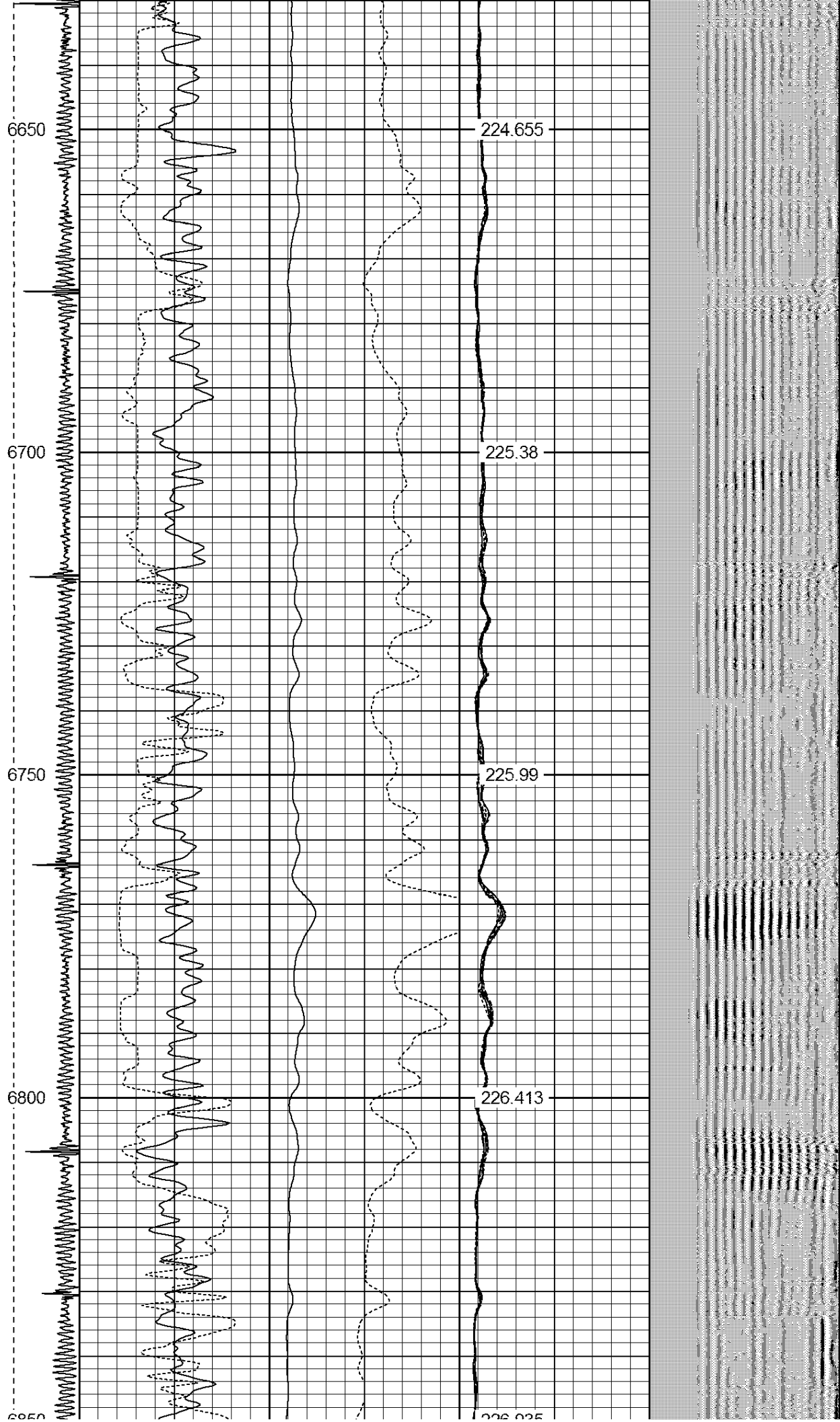


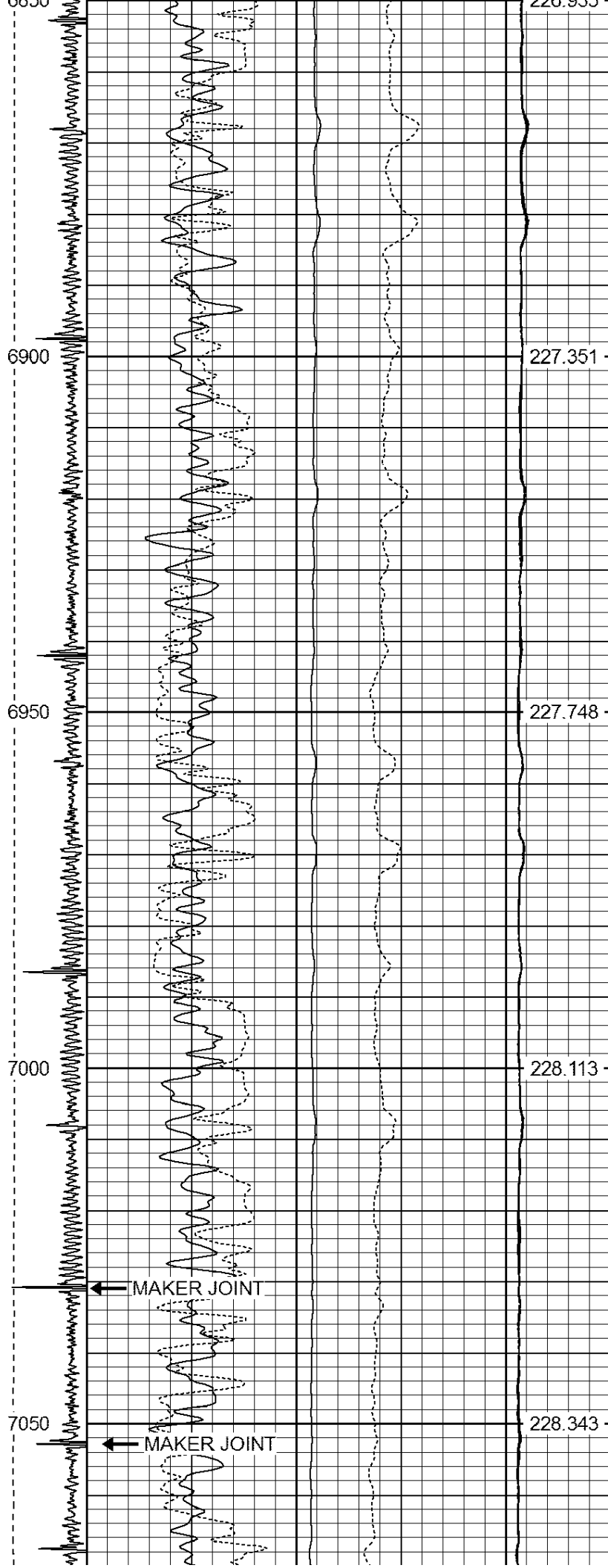


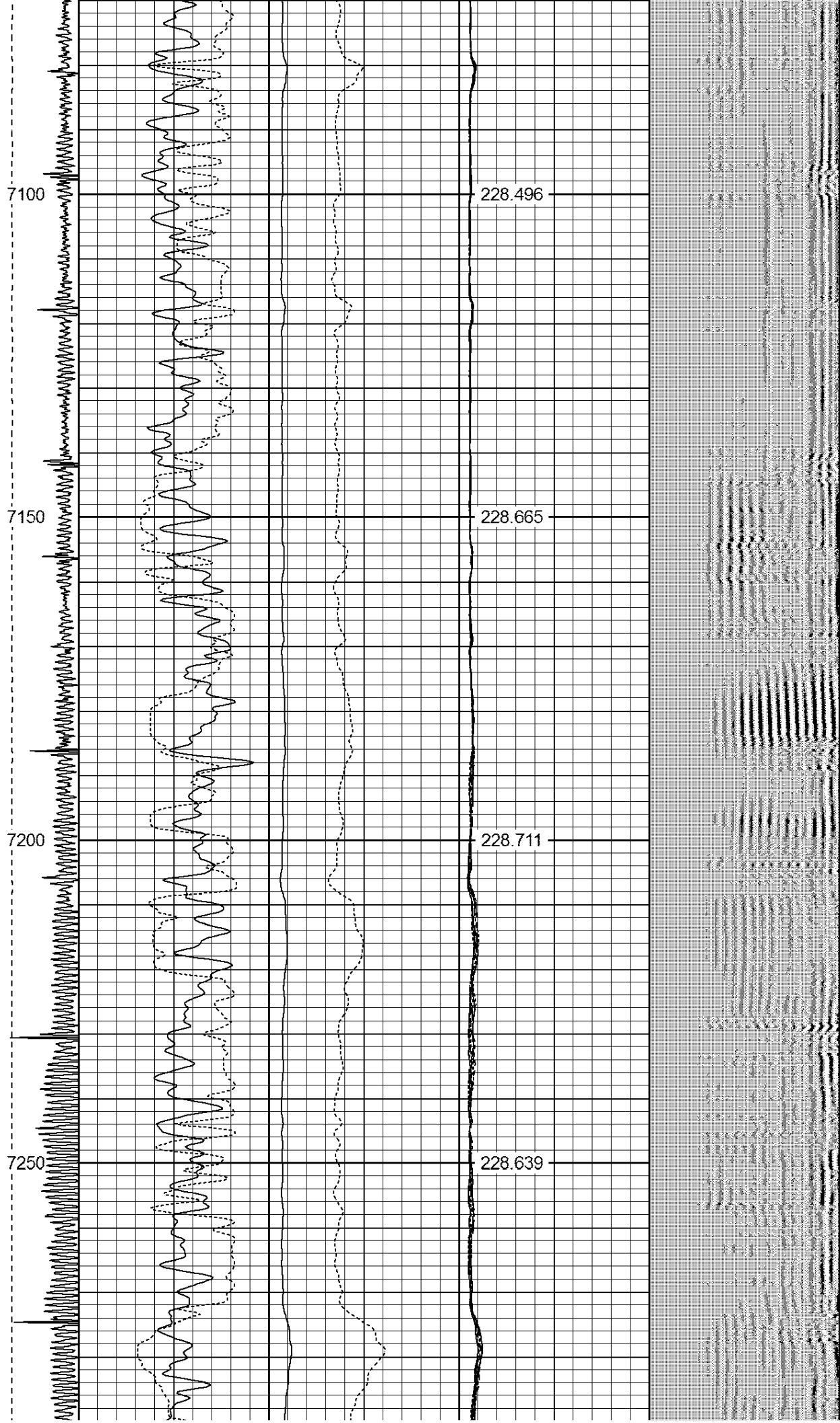


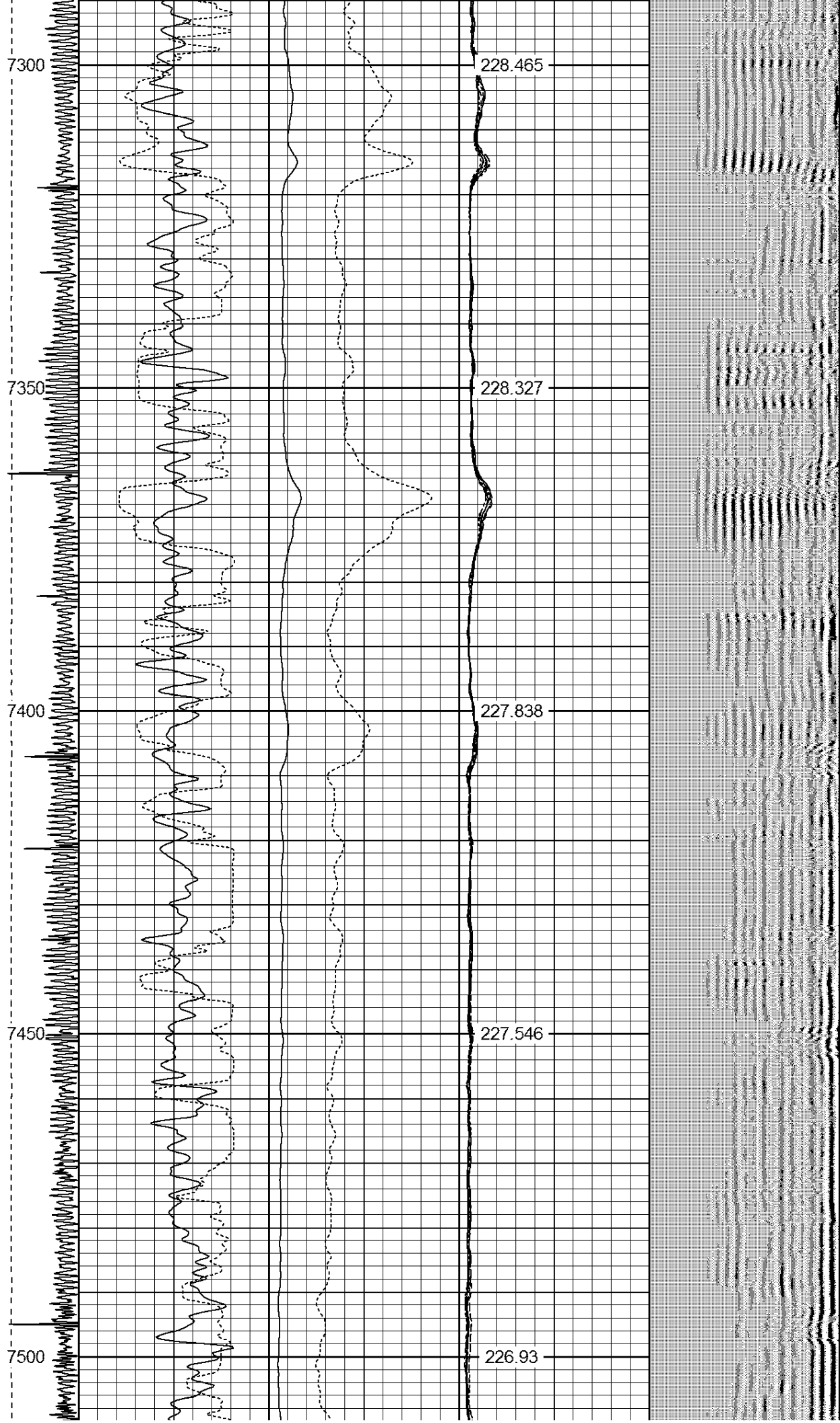


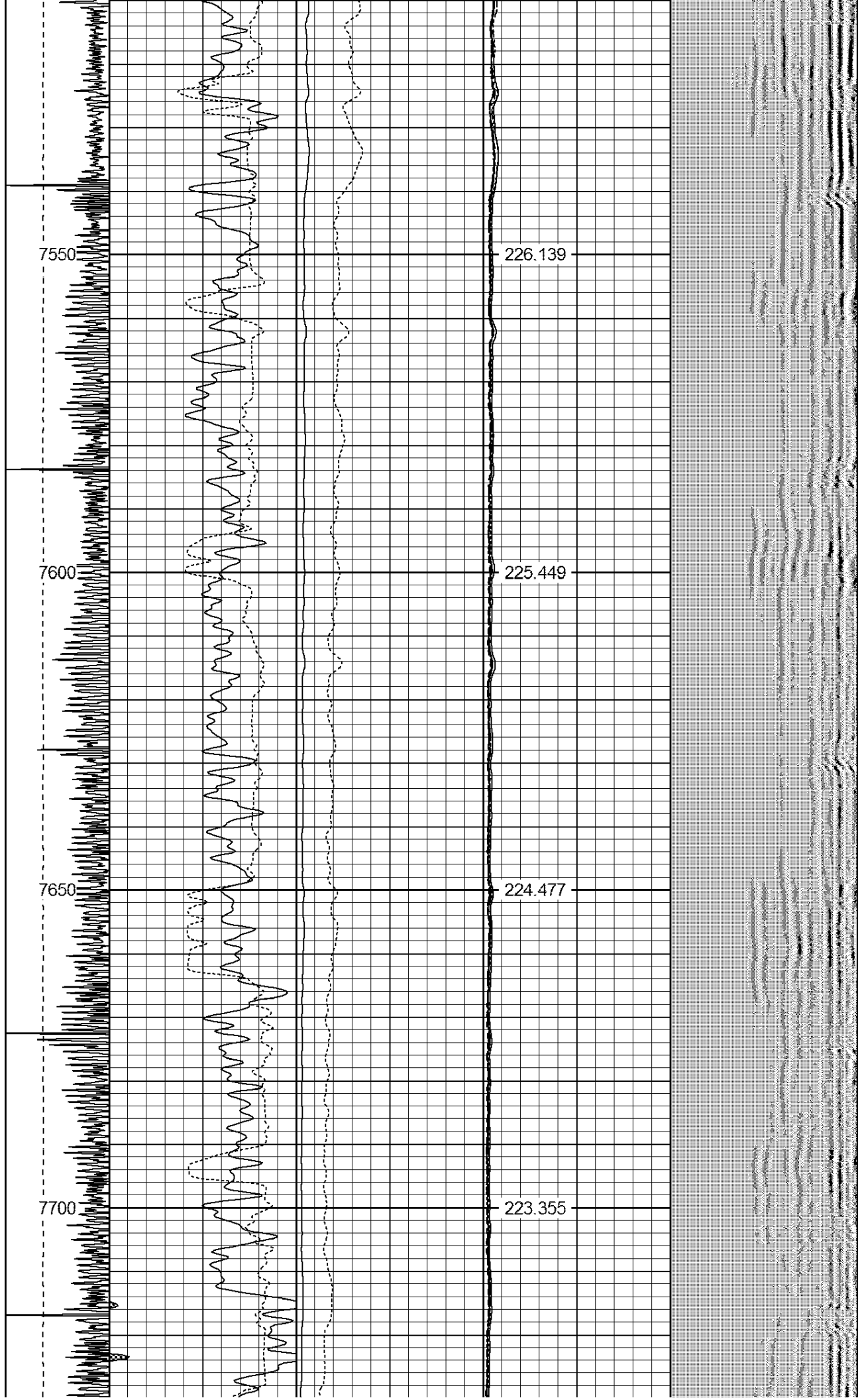


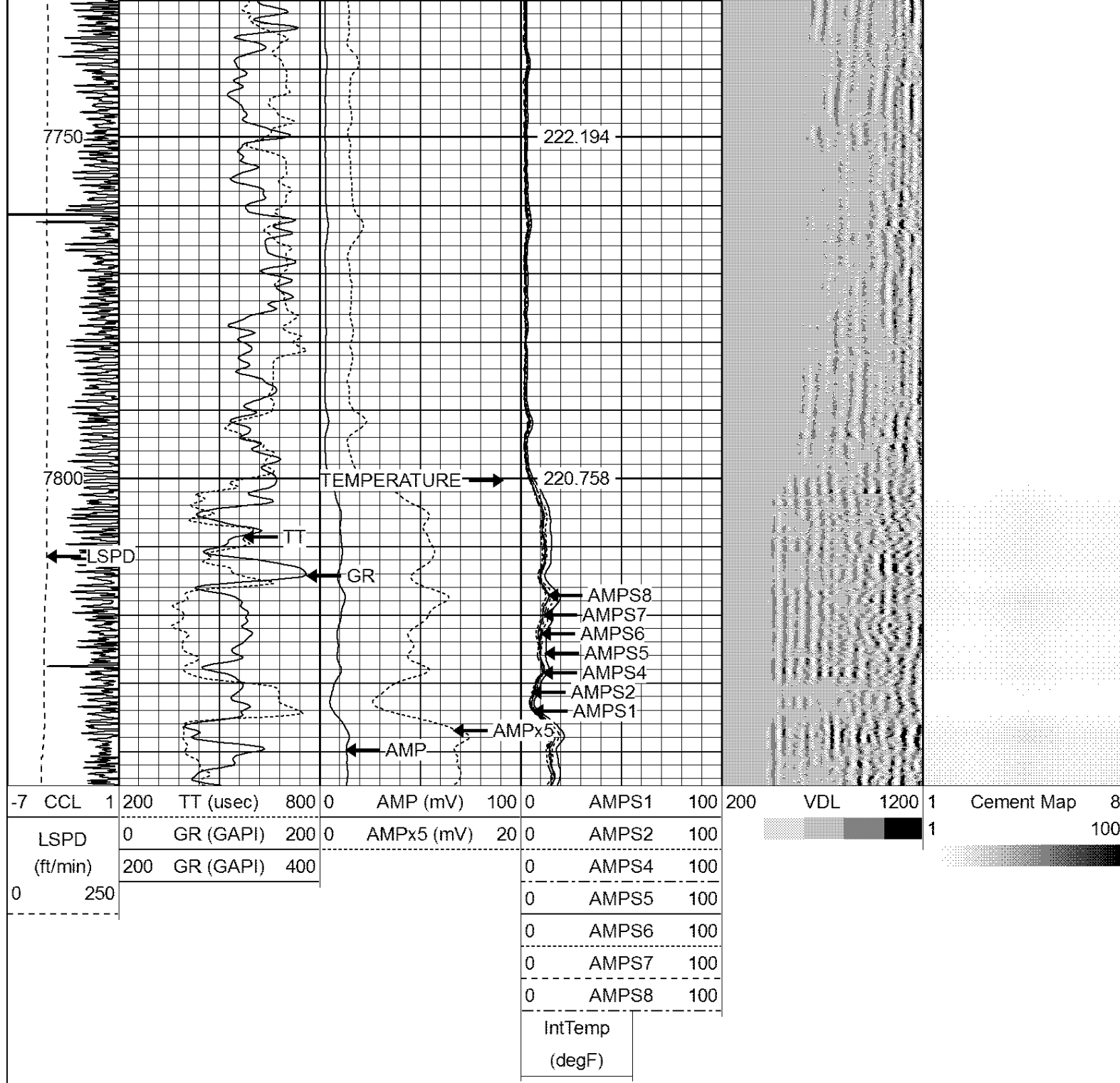






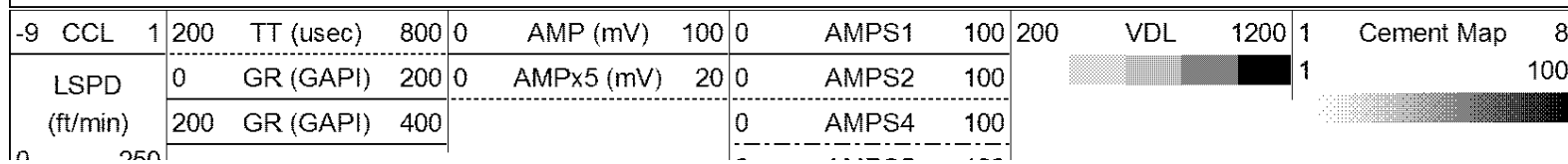






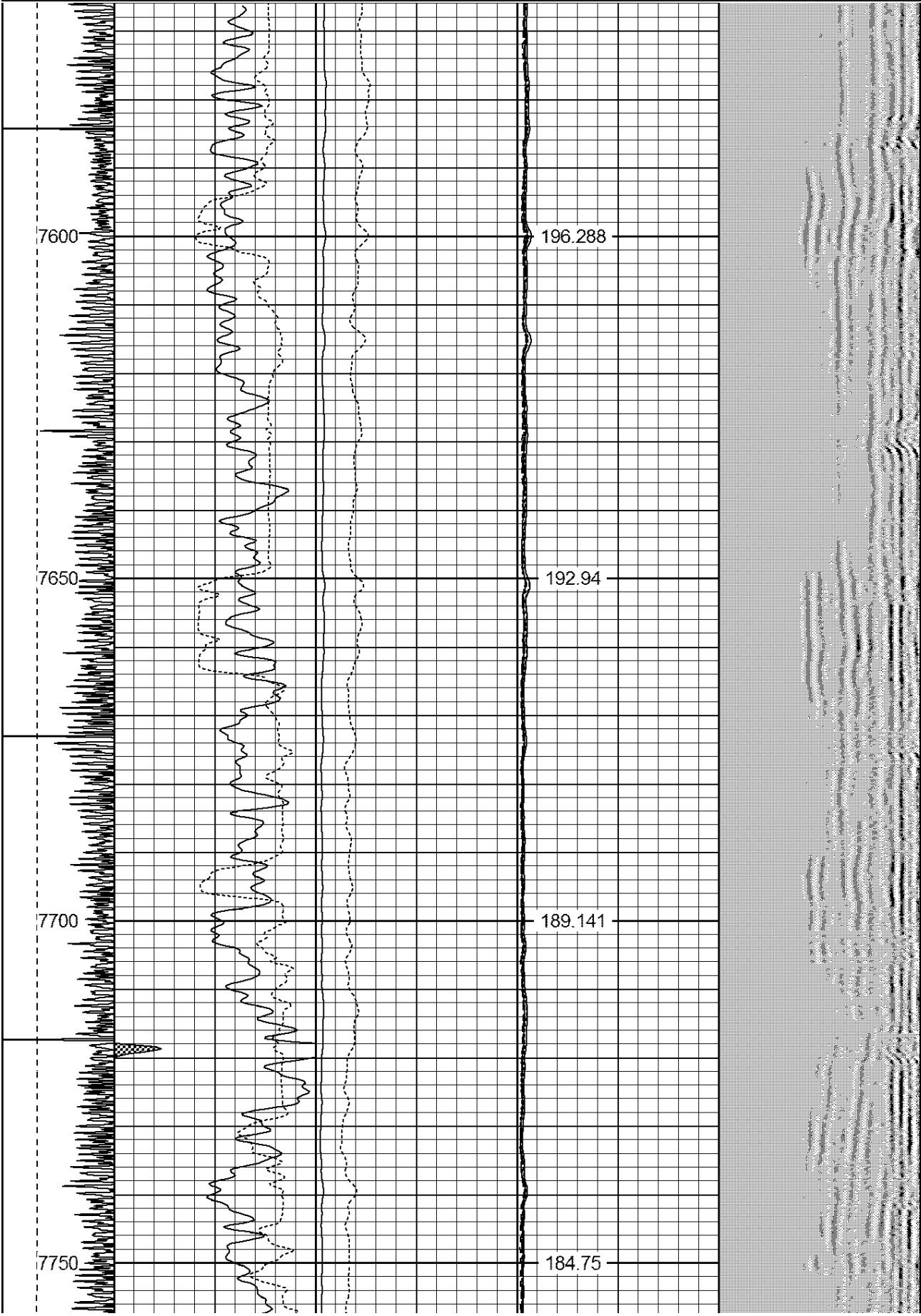
REPEAT PASS 0 PSI

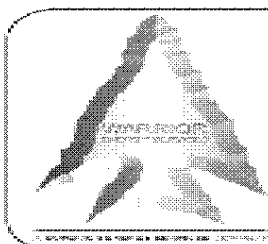
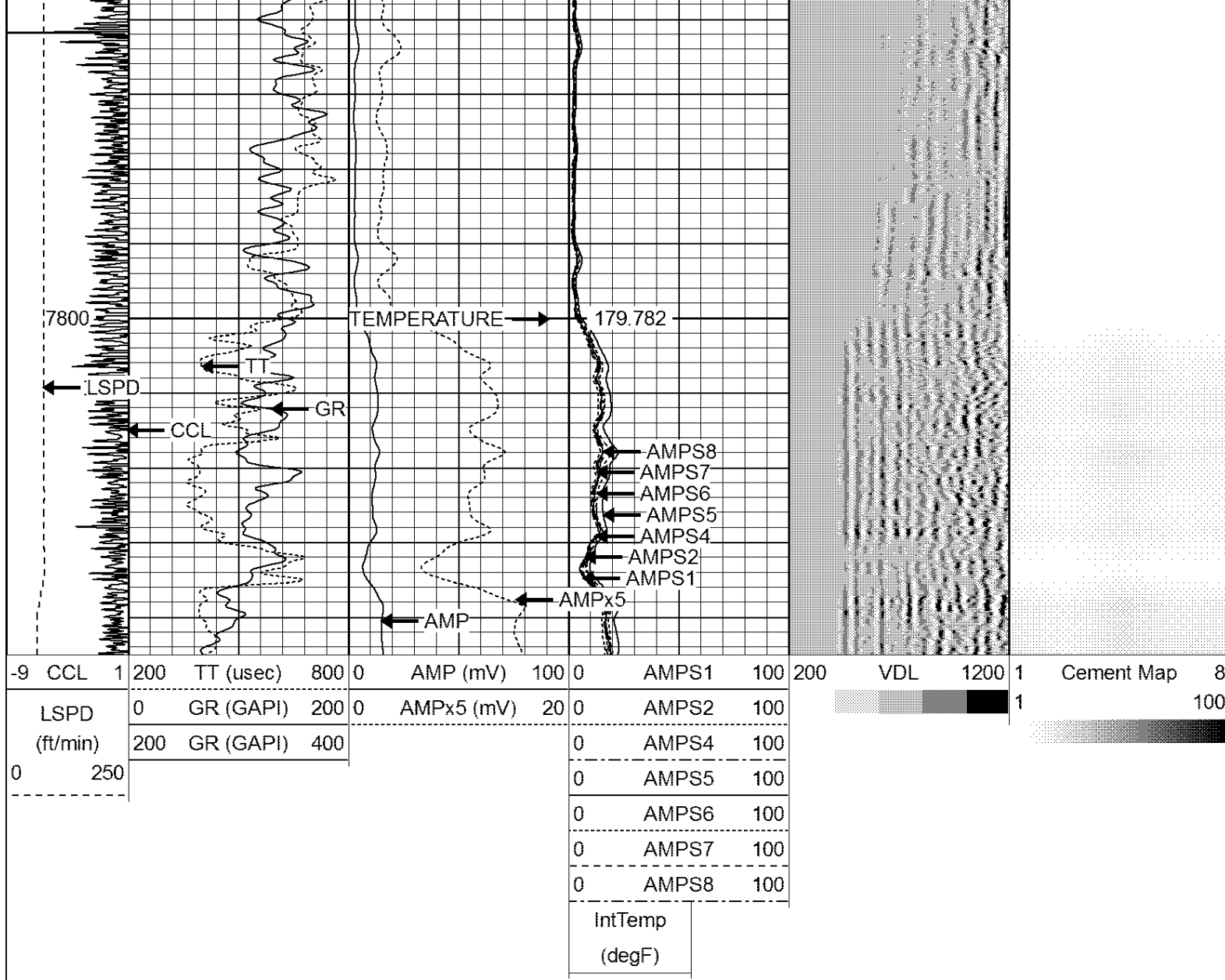
Database File: skyranch 4-65-9-10 1h.db
 Dataset Pathname: pass7
 Presentation Format: ips_rbt
 Dataset Creation: Sat Oct 04 14:03:54 2014 by Log 7.0 B1
 Charted by: Depth in Feet scaled 1:240



230

0	AMPS5	100
0	AMPS6	100
0	AMPS7	100
0	AMPS8	100
IntTemp (degF)		





WARRIOR
ENERGY SERVICES

Company CONOCOPHILLIPS
Well SKY RANCH 4-65 9-10 1H
Field WILD CAT
County ARAPAHOE
State CO