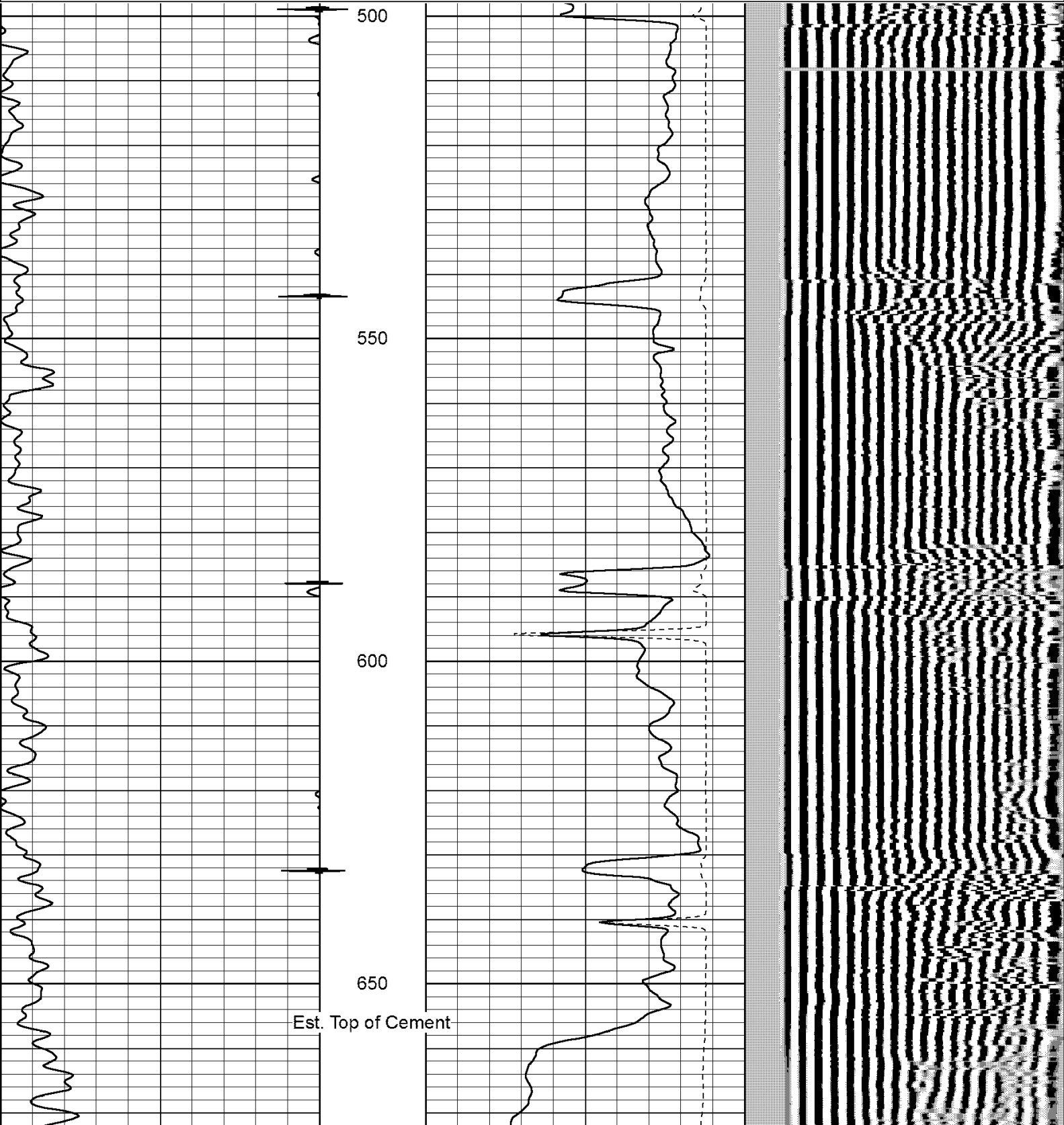
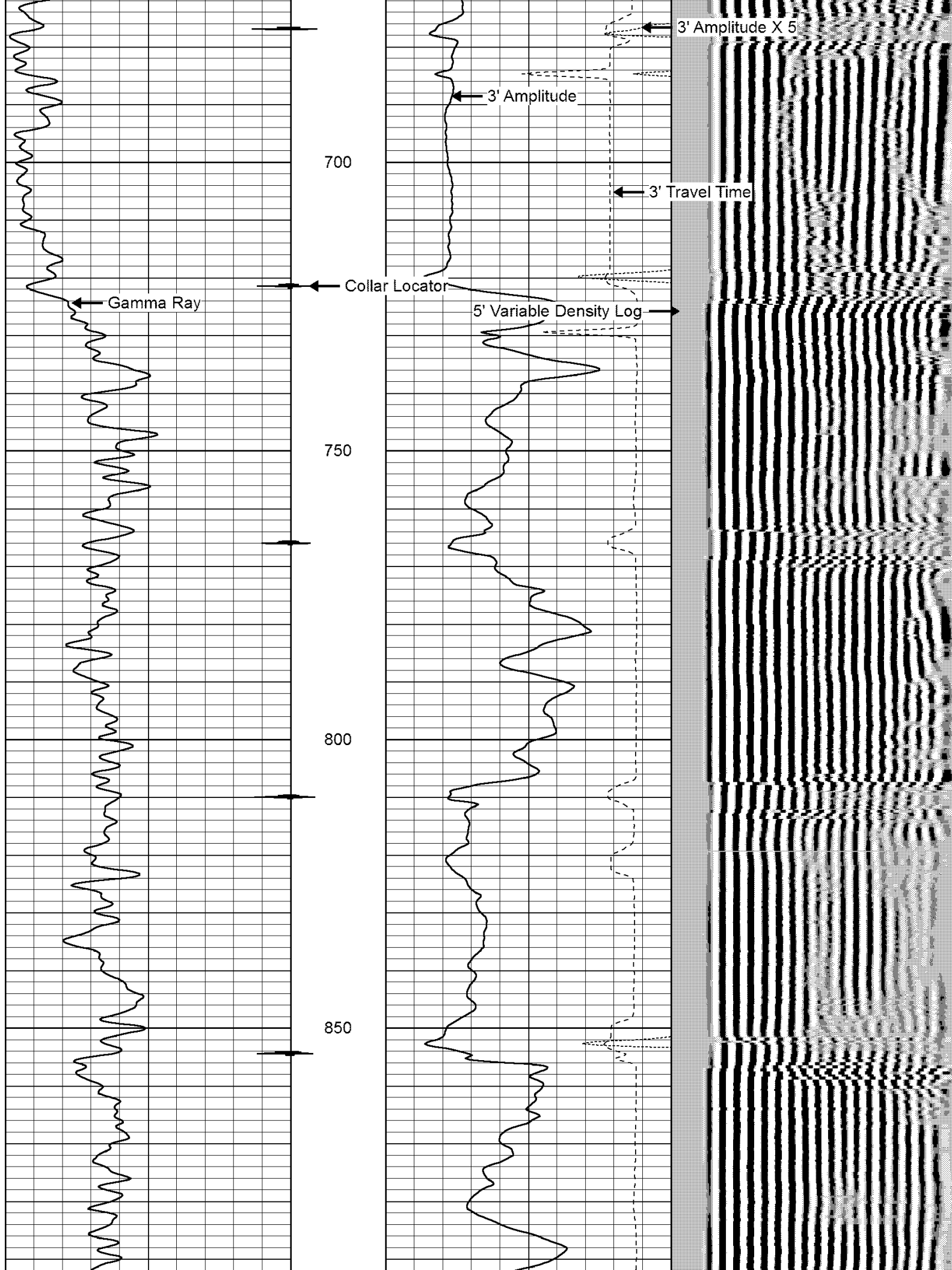


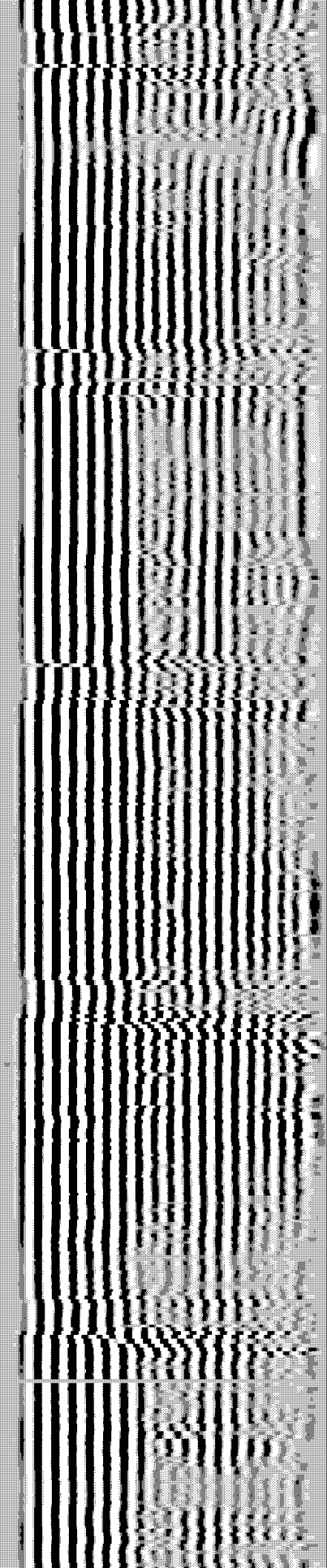
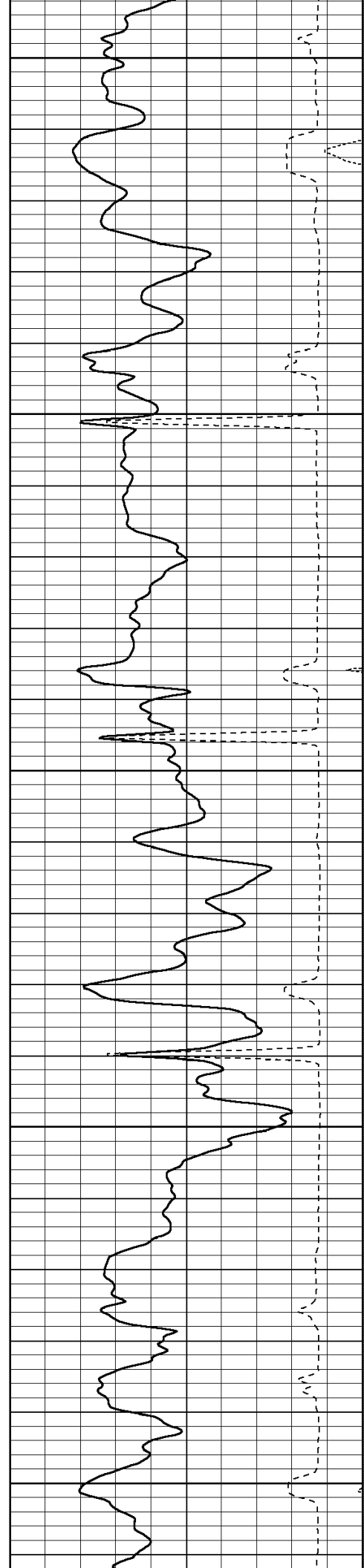
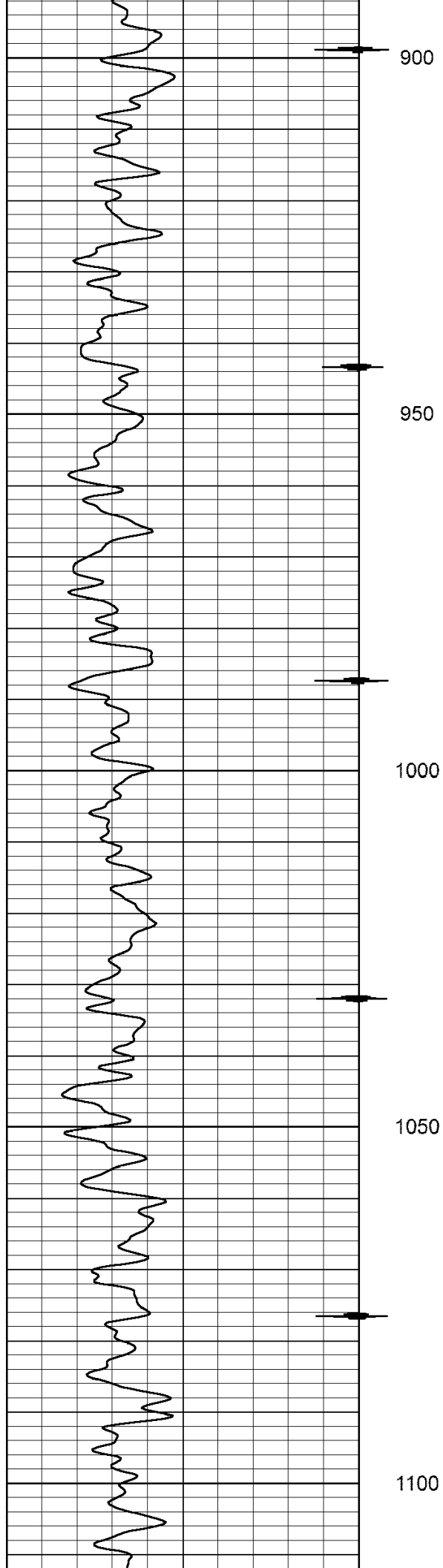
CCL	19.81		CCL-275tekco (2.75TEKCO) 2 3/4 TEK CCL Earth Mag	1.52	2.75	20.00
			SDSCENT Centralizer for testing	2.73	2.75	20.00
TEMP	13.65					
WVFS1	12.31					
WVFS2	12.31					
WVFS3	12.31		275CTEKSECWTWSLCANS-275RIB (12349.52 2 3/4" (R.I.B.) TOOL 3FT, 5FT and 8EA RIB SIGNALS 400 DEG "F" @20K PSI With Sliding Cans For Pressure Balance		2.75	102.00
WVFS4	12.31					
WVFS5	12.31					
WVFS6	12.31					
WVFS7	12.31					
WVFS8	12.31					
WVF3FT	11.67					
WVF5FT	10.56					
WVFCAL	6.73					
WVFTEMP	6.73					
WVFSYNC	6.73		SDSCENT Centralizer for testing	2.73	2.75	20.00
			GR-Tek-Co (Tek-Co2) 2 3/4 400deg Scint gamma	4.00	2.75	40.00
GR	1.04					
Dataset: kpk_front range 11-17-7_cbl.db: field/well/run1/pass1 Total Length: 21.50 ft Total Weight: 212.00 lb O.D. 2.75 in						

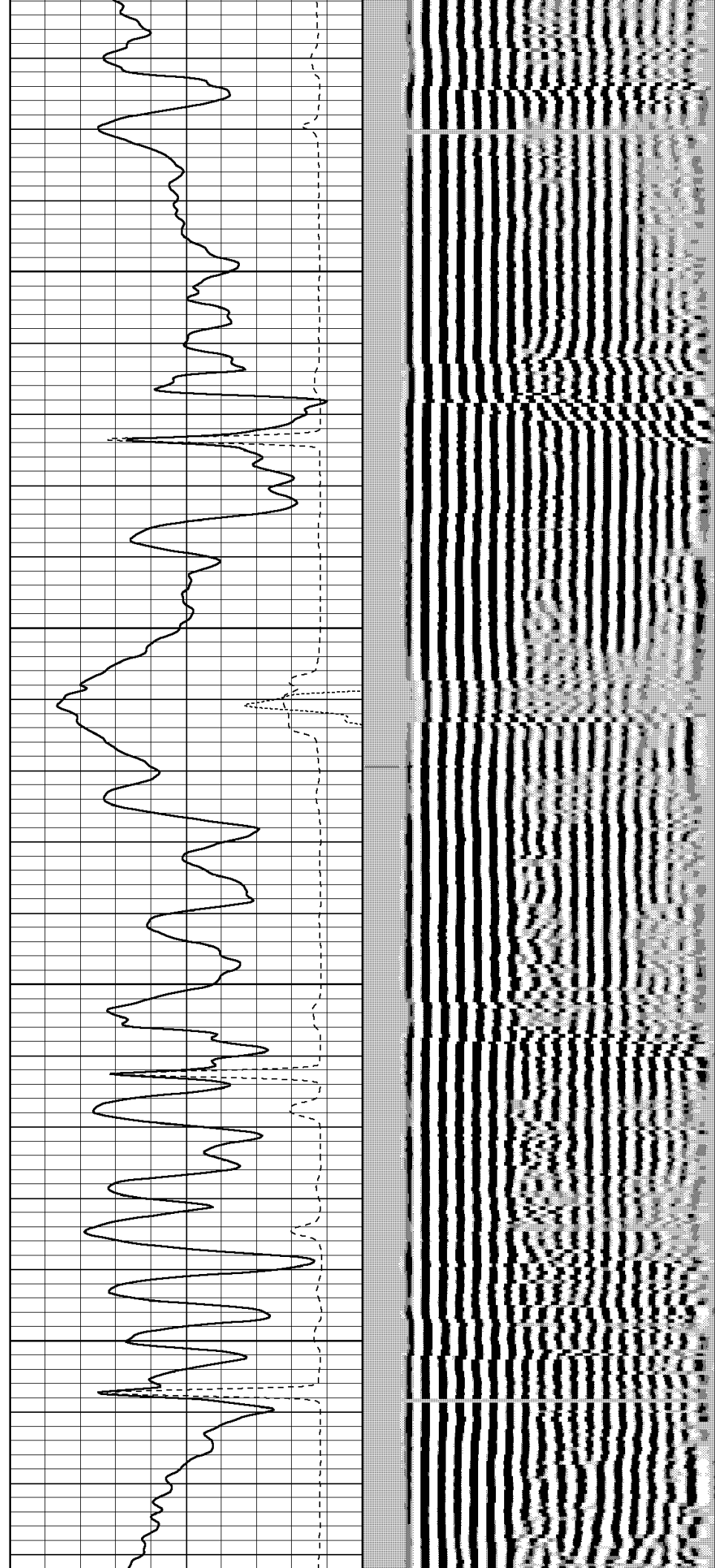
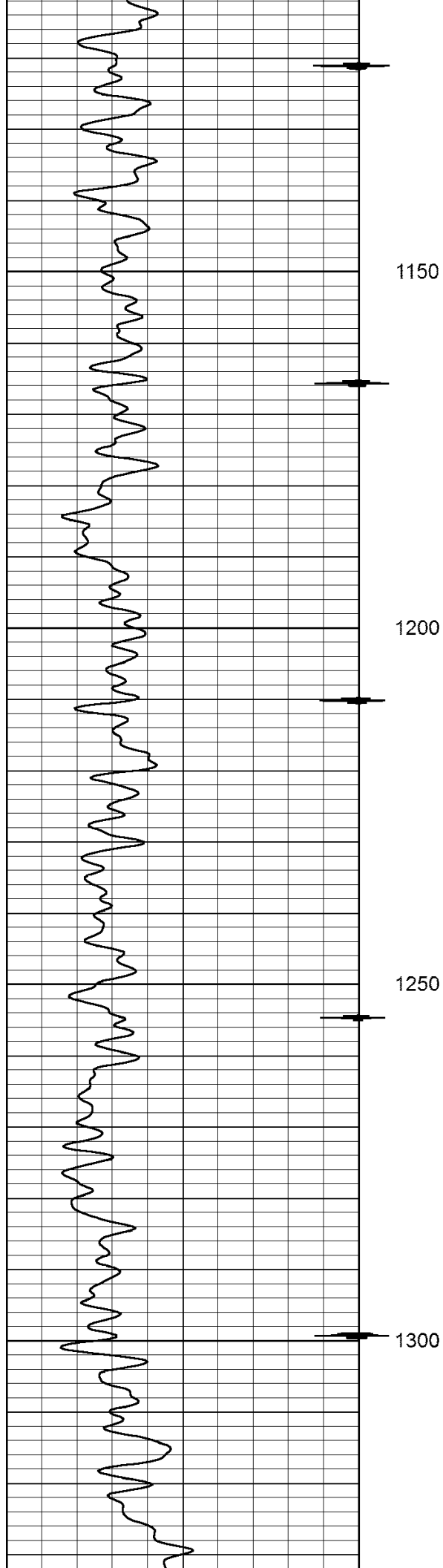
Database File: kpk_front range 11-17-7_cbl.db
Dataset Pathname: pass2
Presentation Format: cbl
Dataset Creation: Mon Aug 13 16:45:13 2012 by Log SCH 111116
Charted by: Depth in Feet scaled 1:240

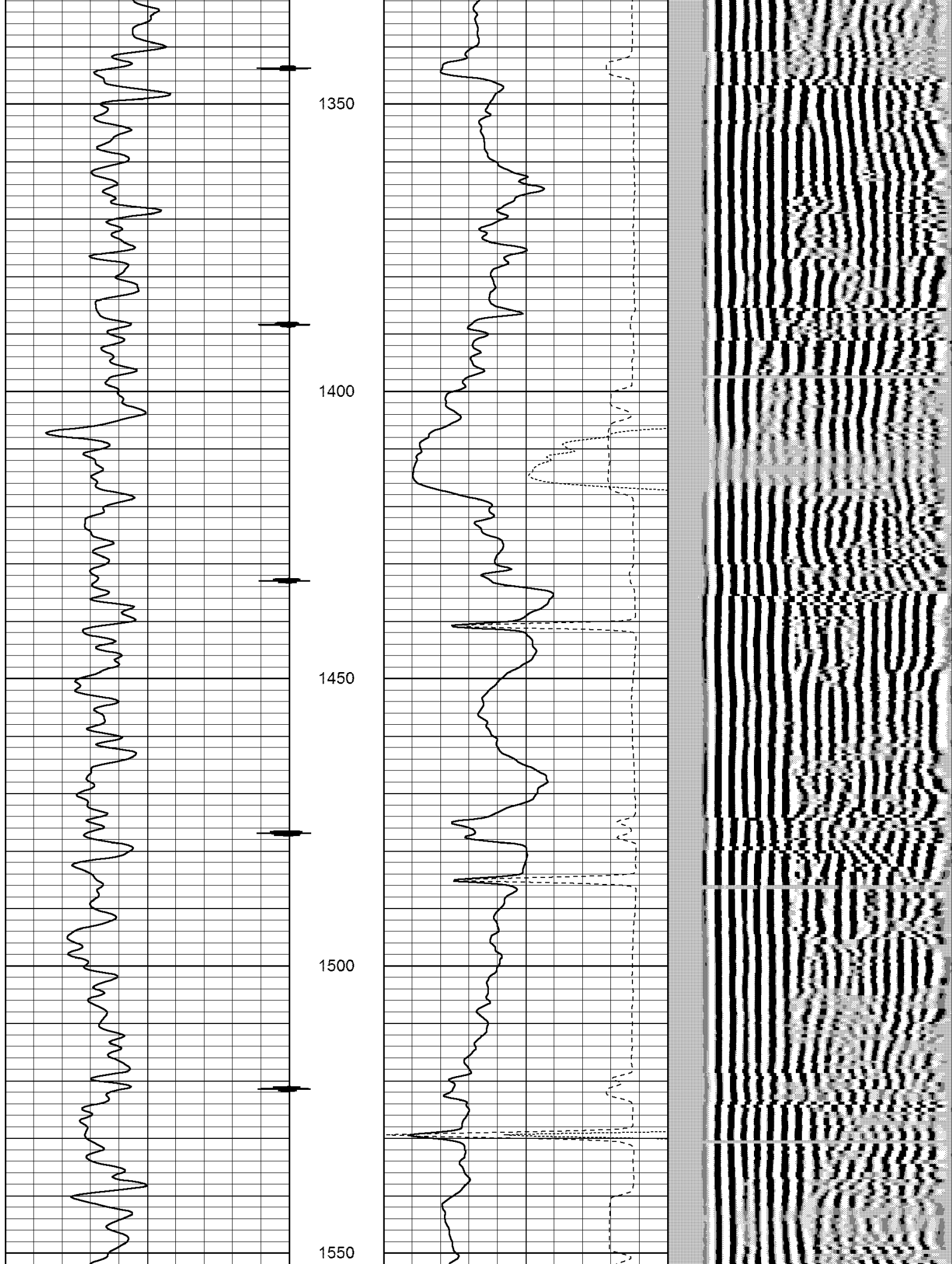
Collar Locator			0	3' Amplitude X 5 (mV)	20	200	5' Variable Density Log	1200
30	Gamma Ray	130	0	3' Amplitude (mV)	100			
			650	3' Travel Time (usec)	150			

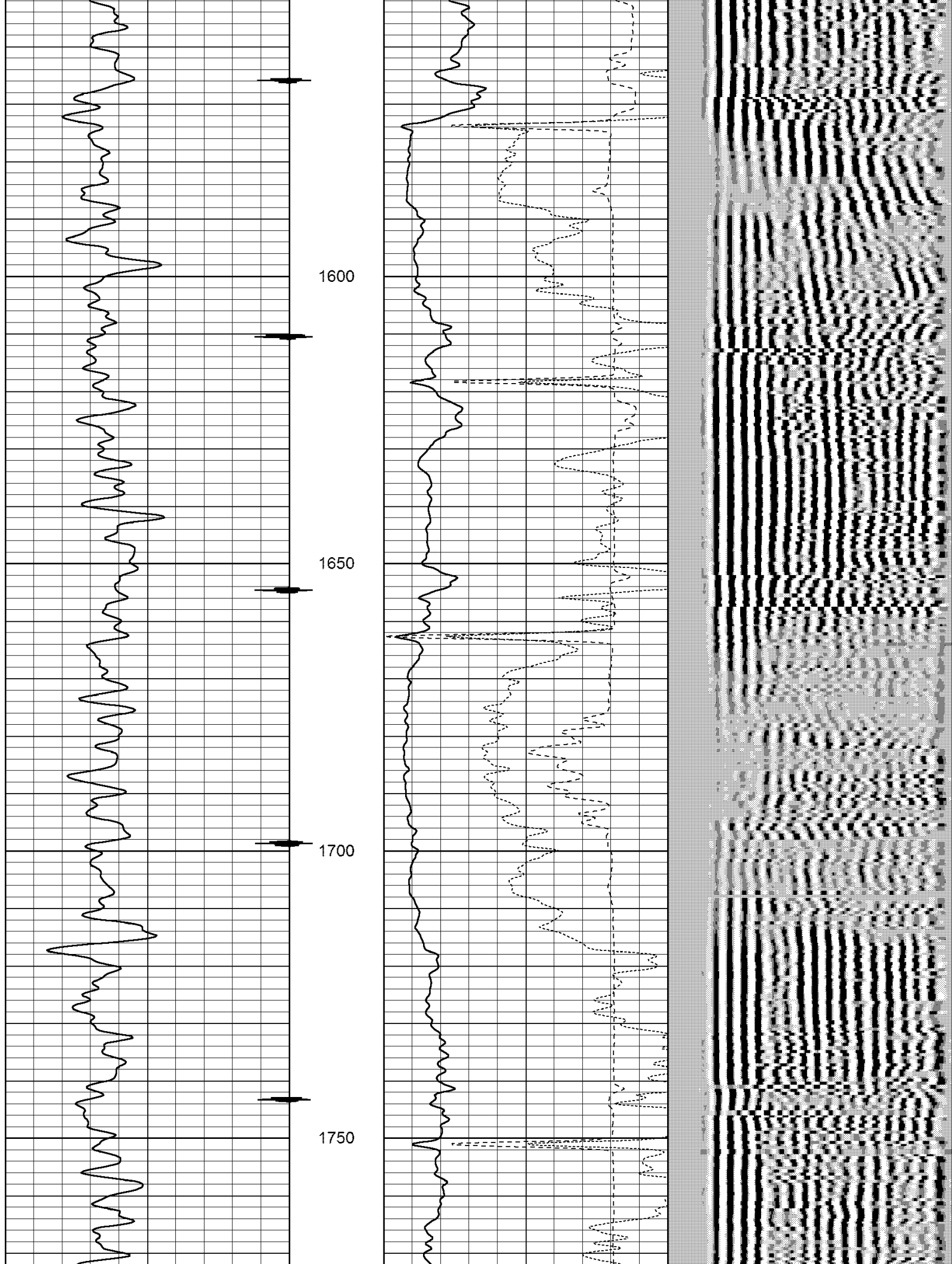


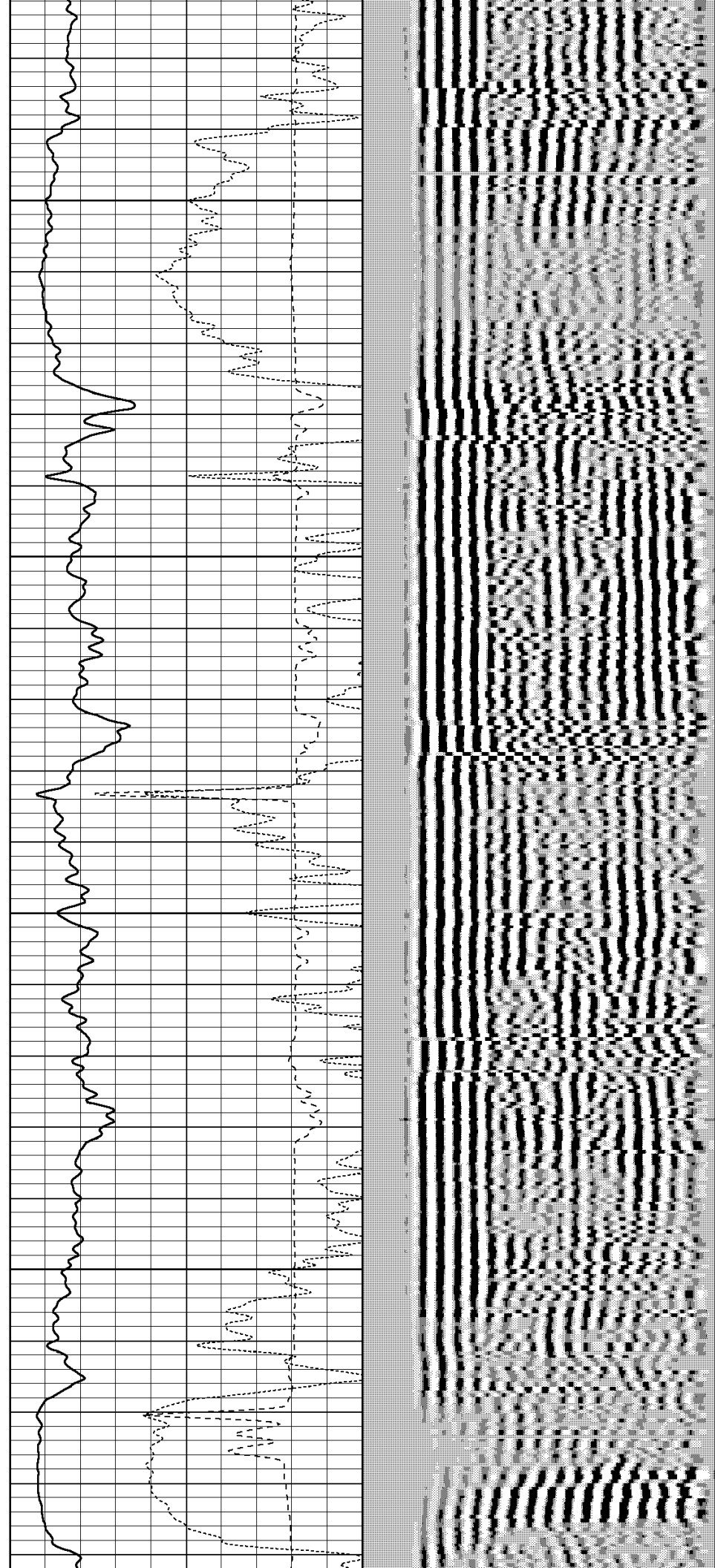
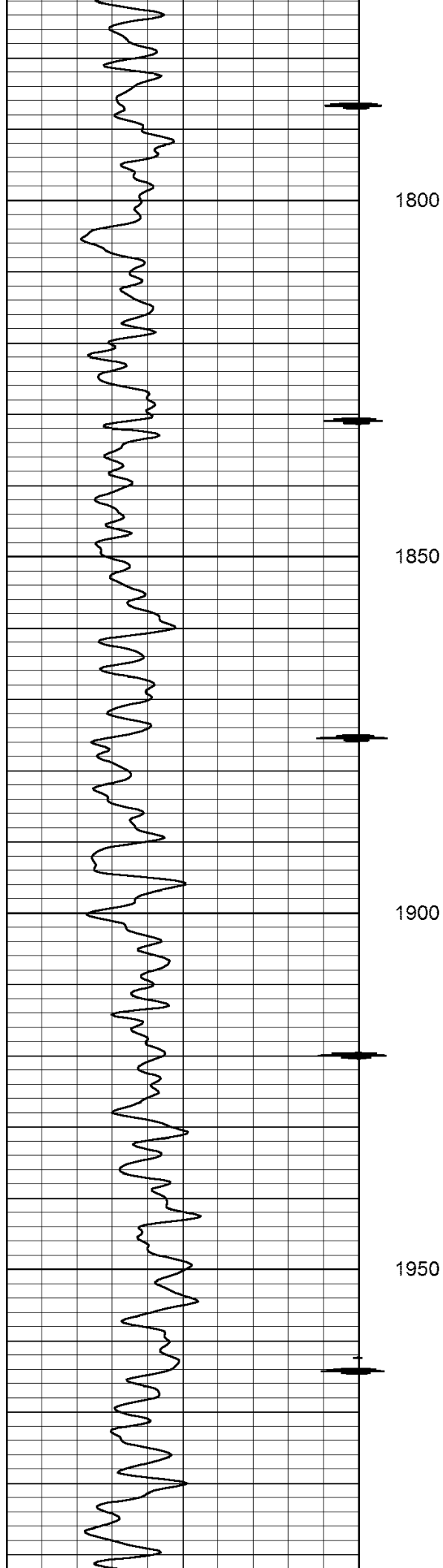


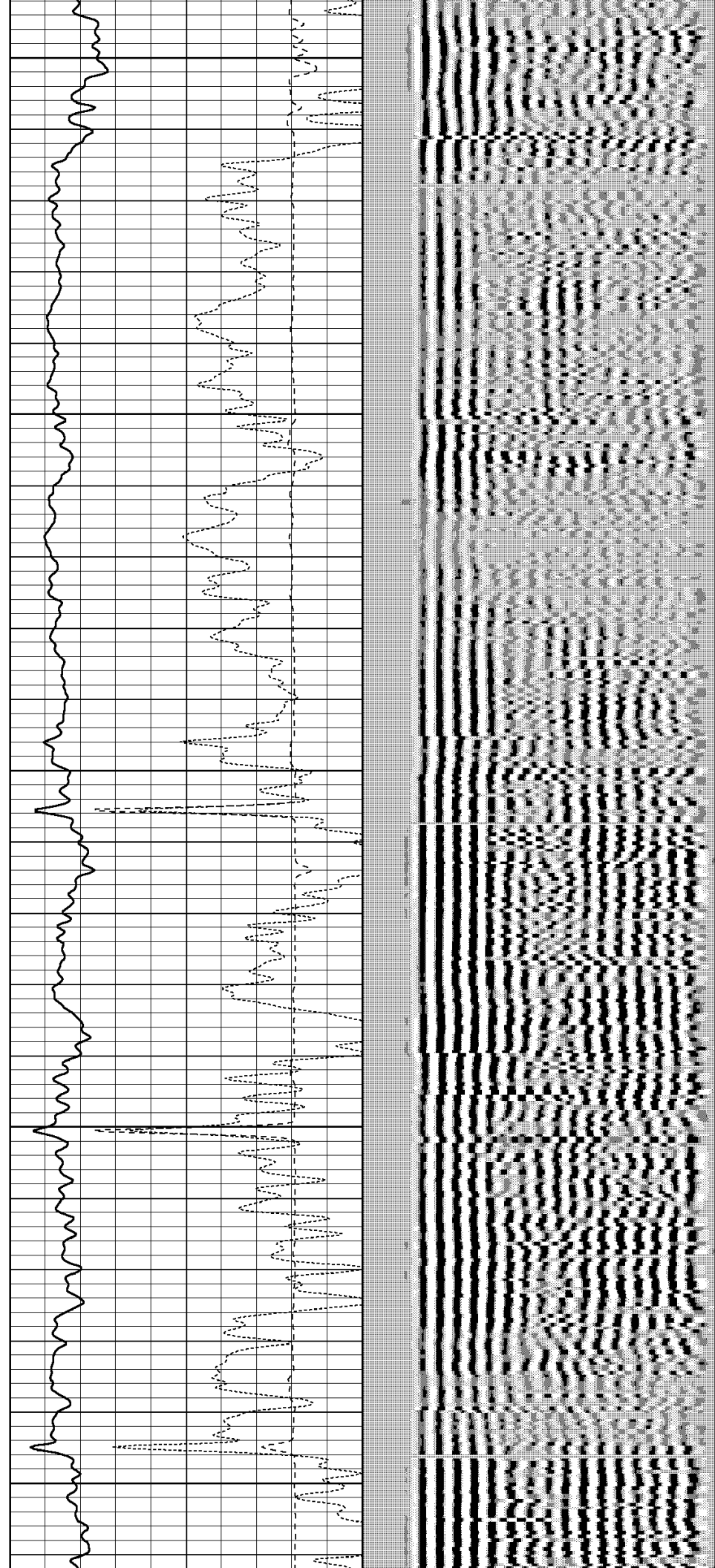
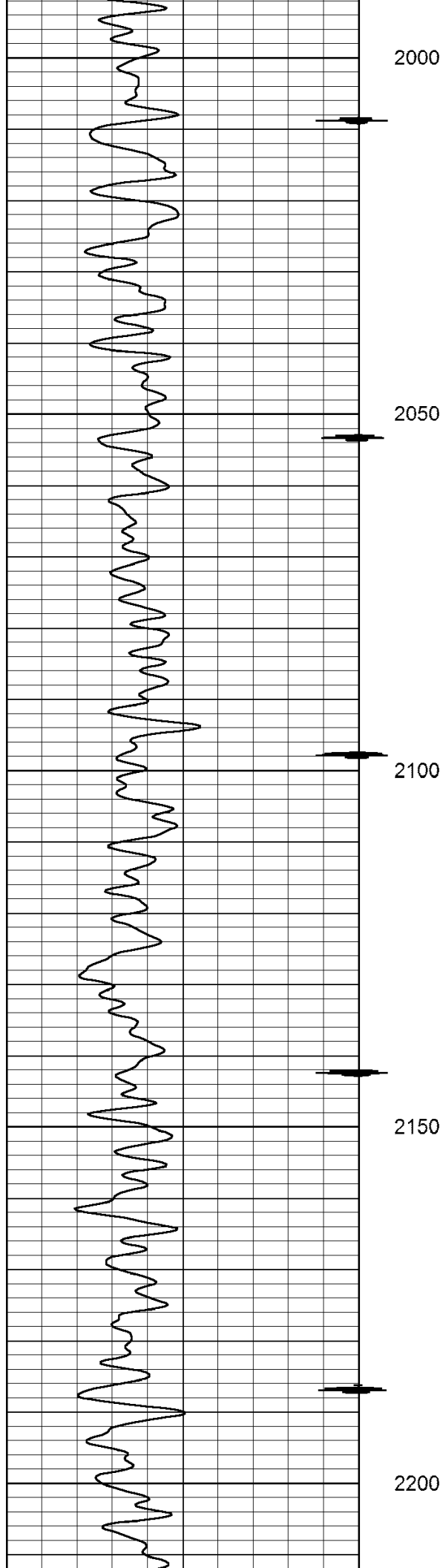


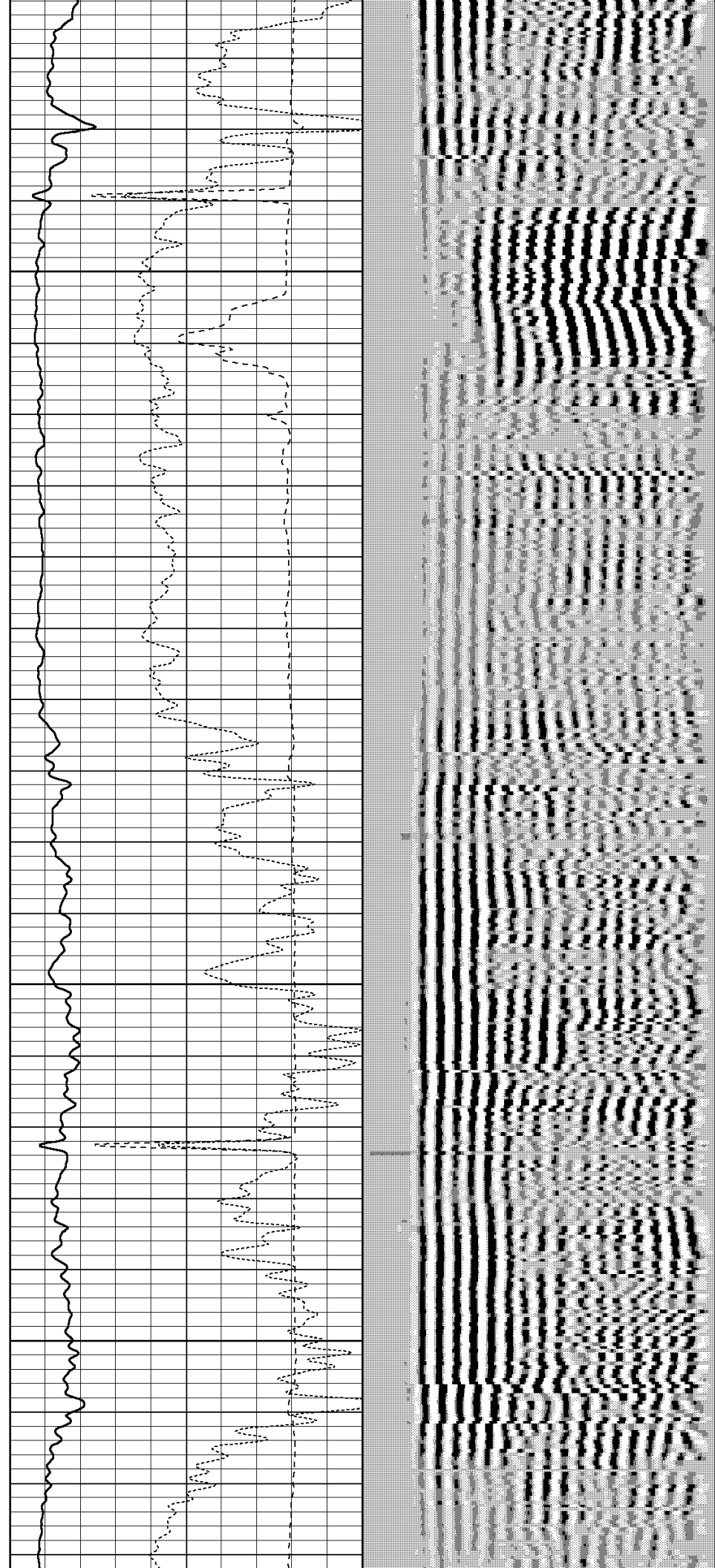
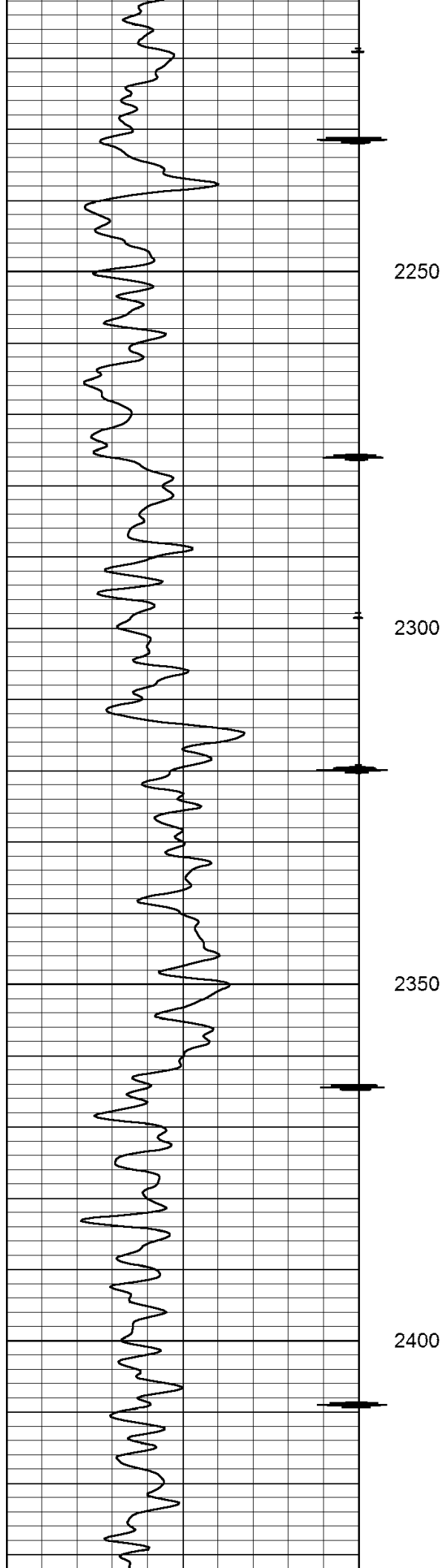


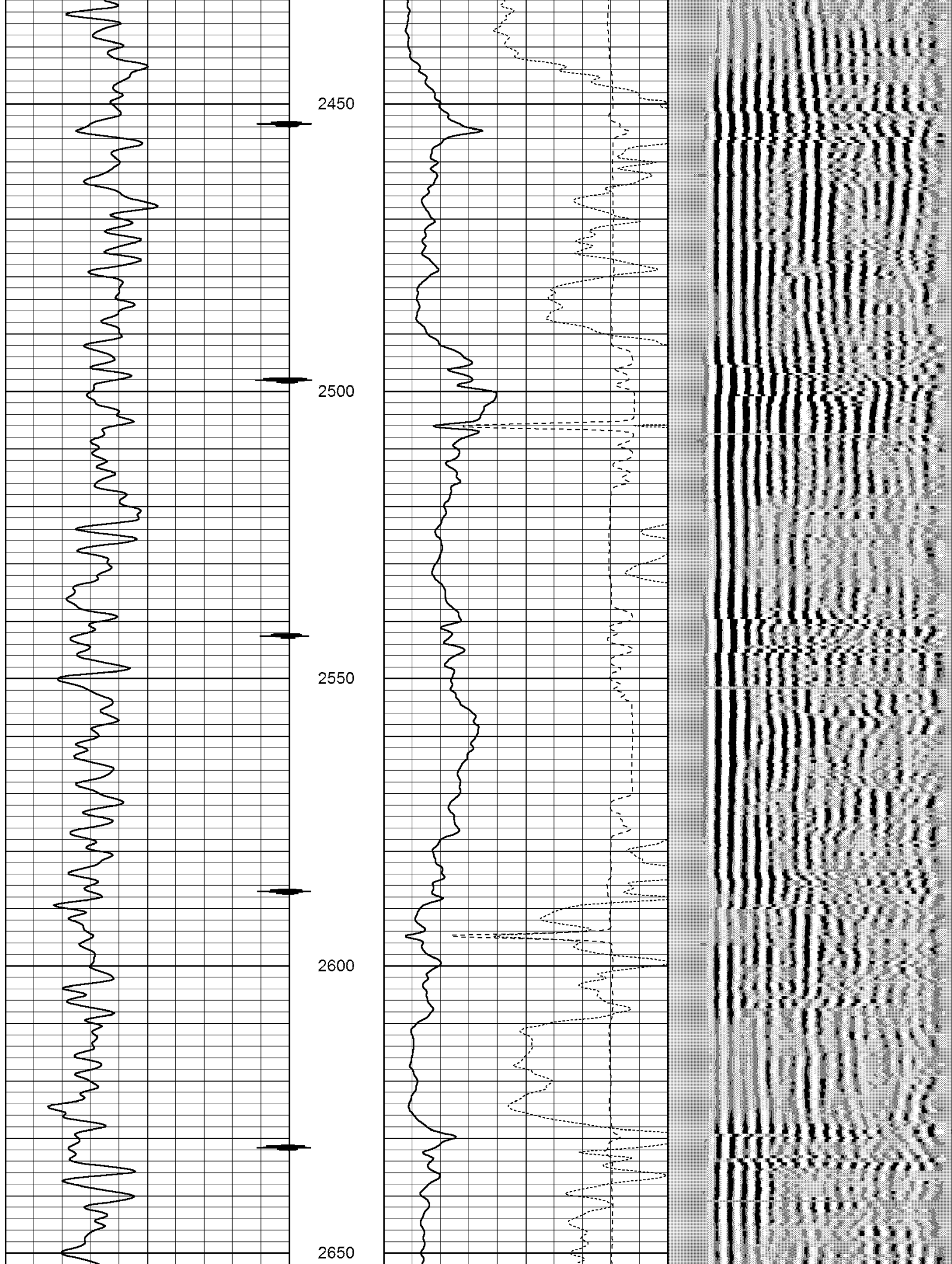


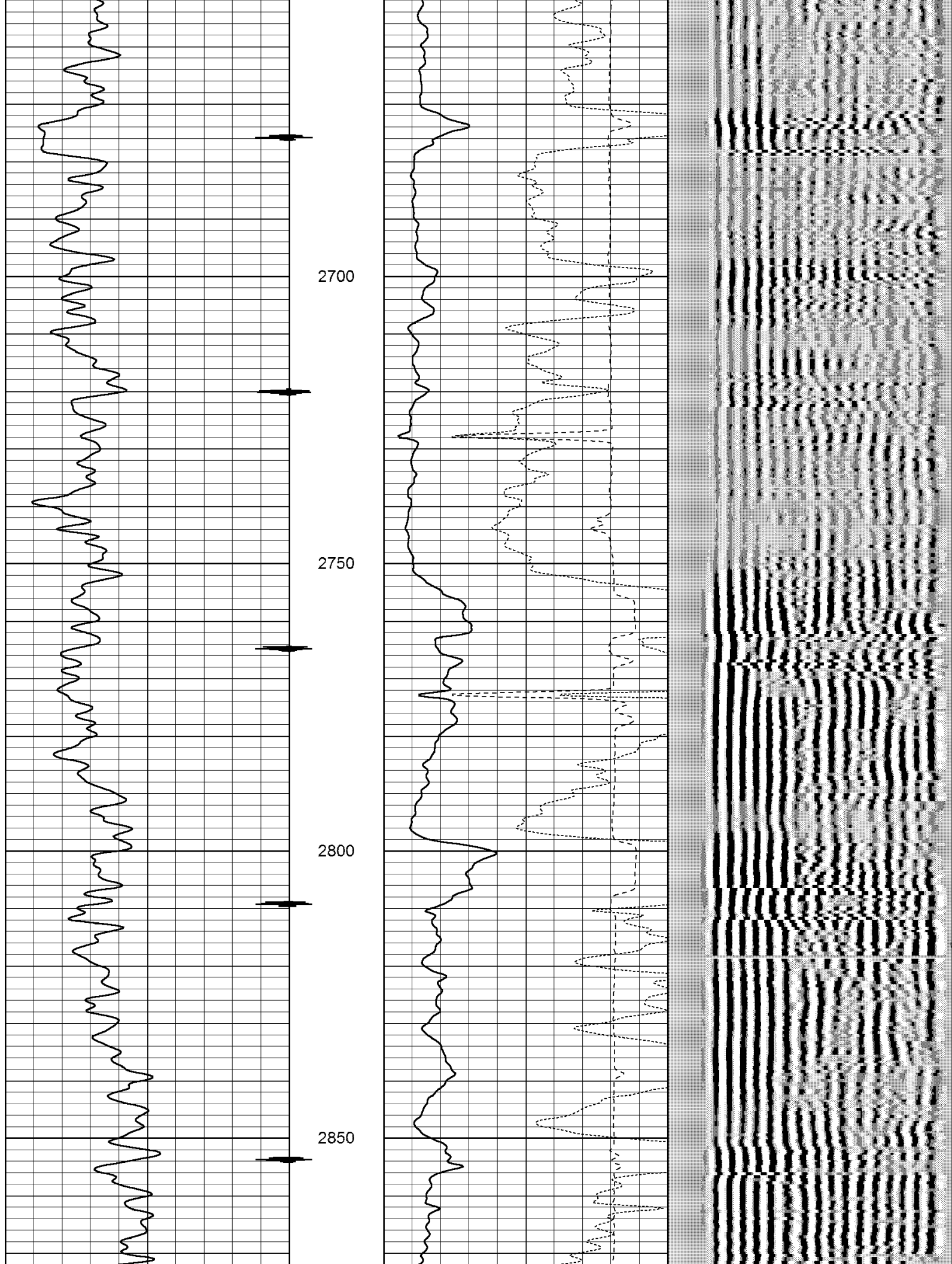


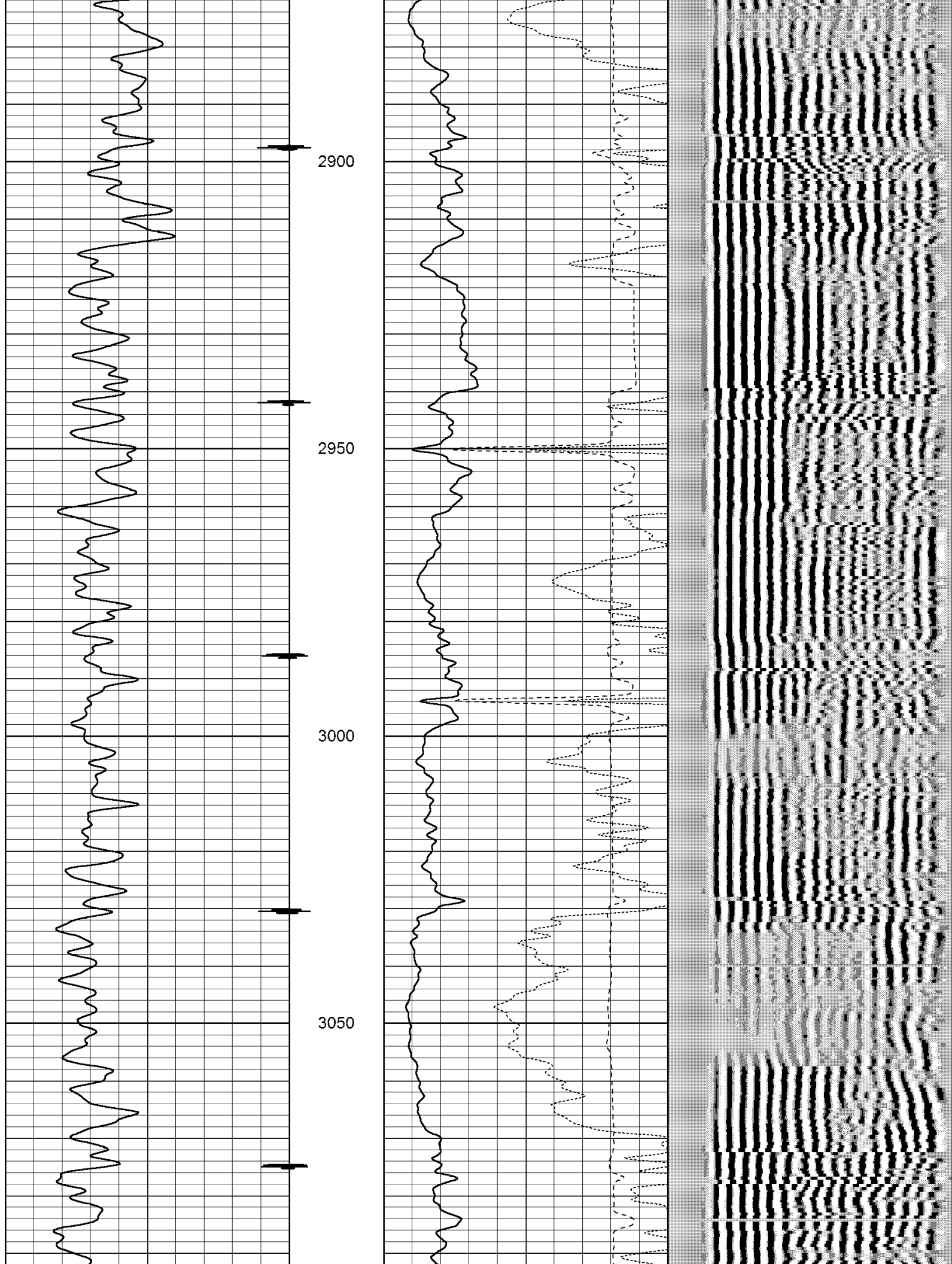


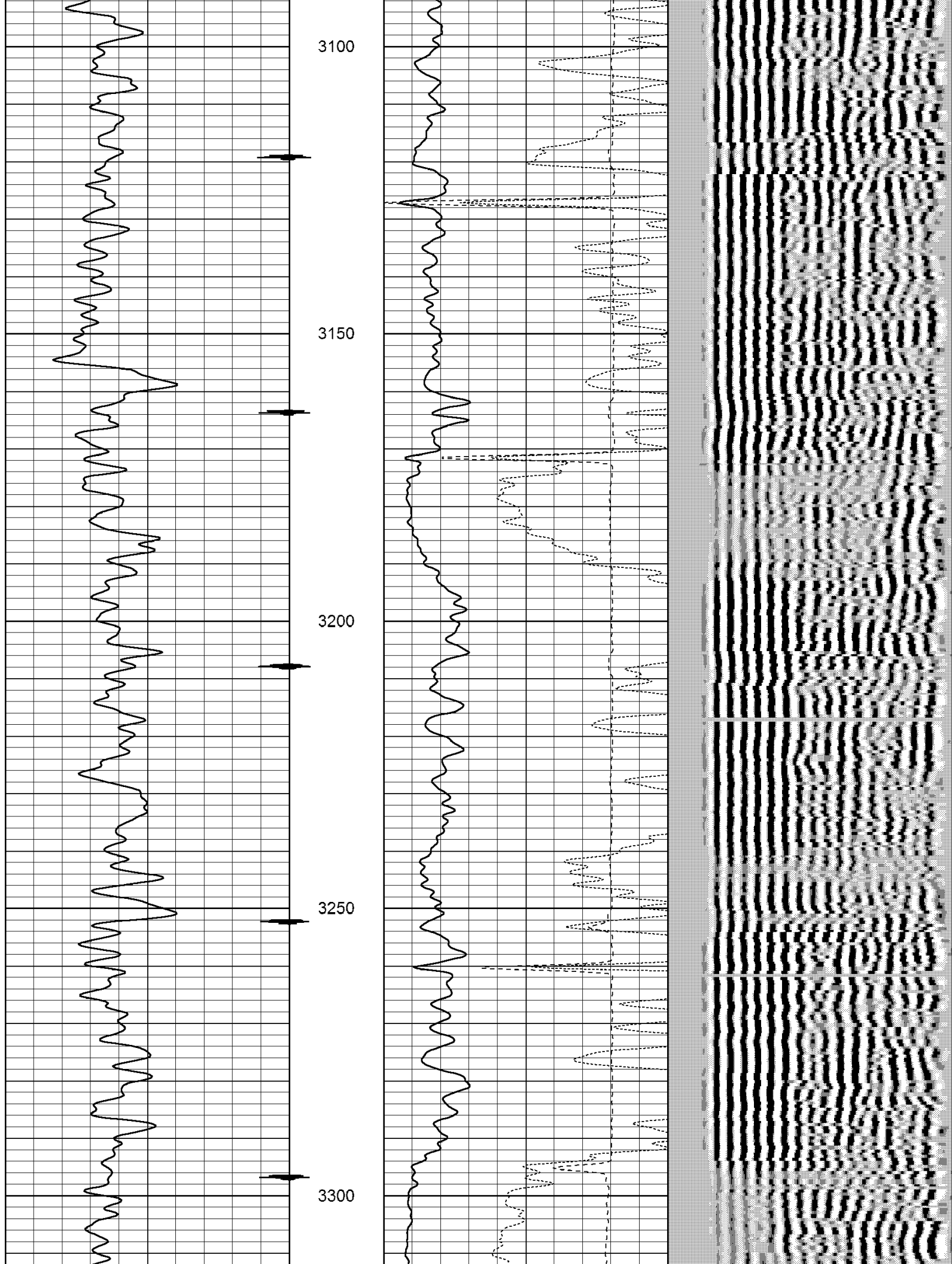


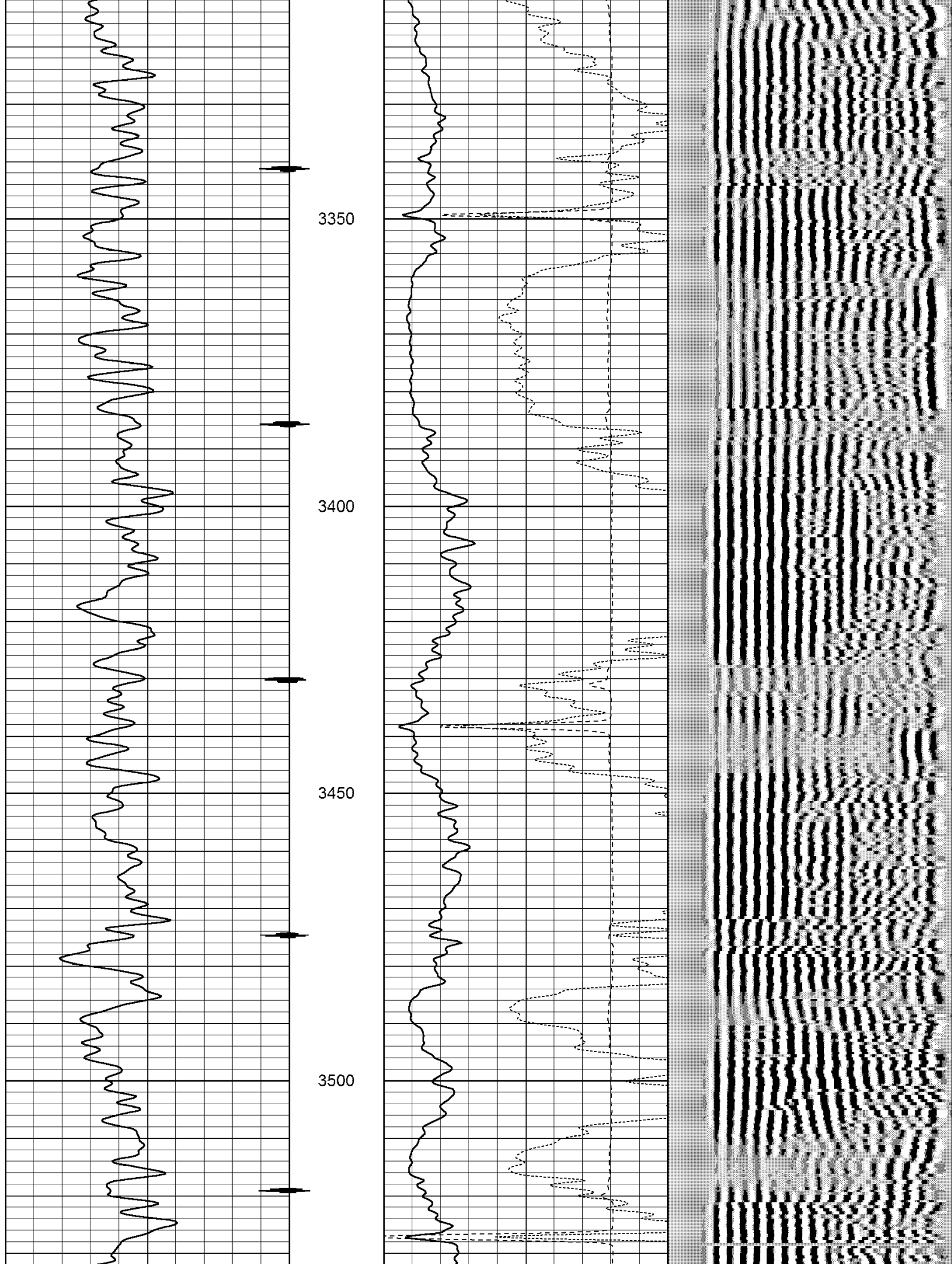


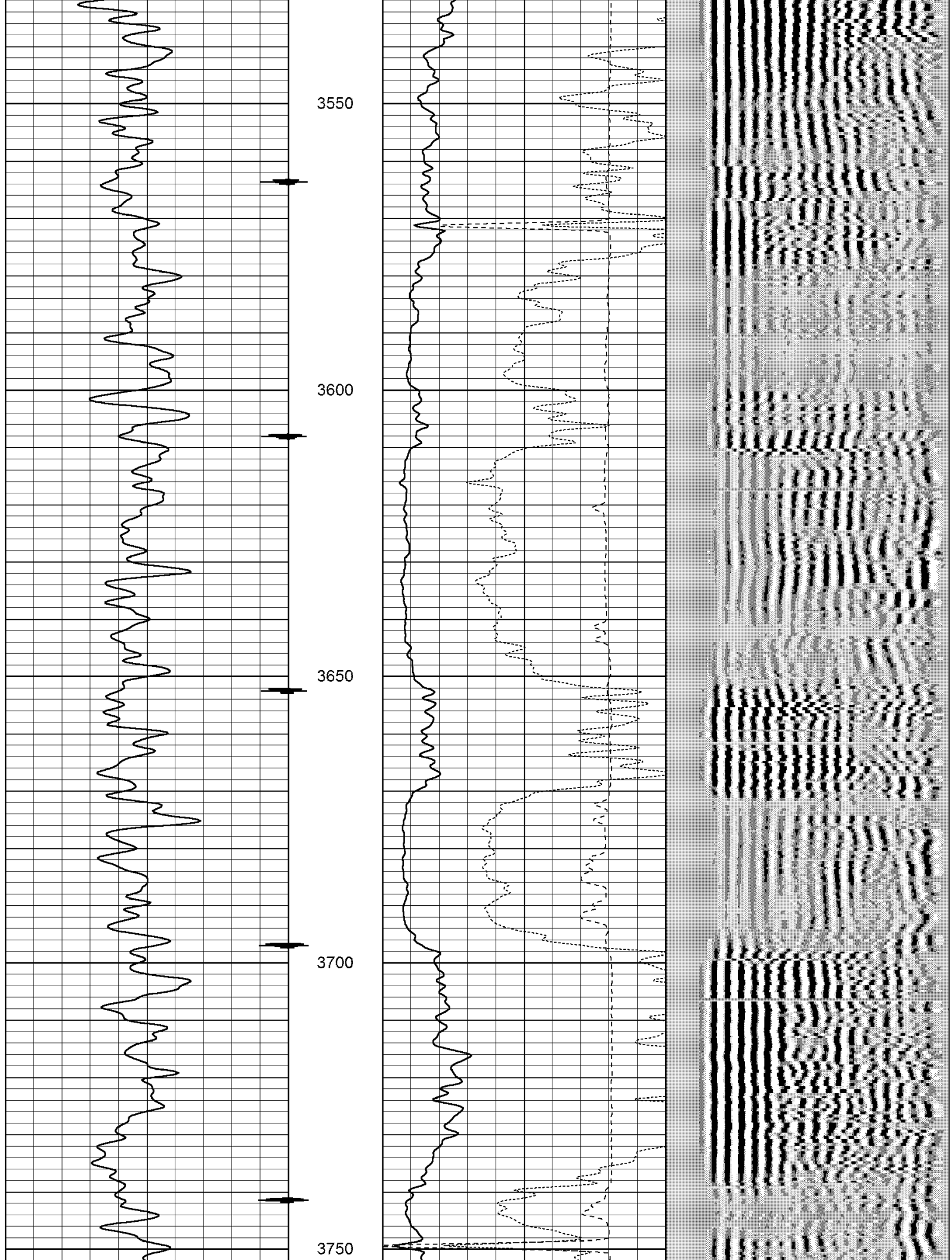


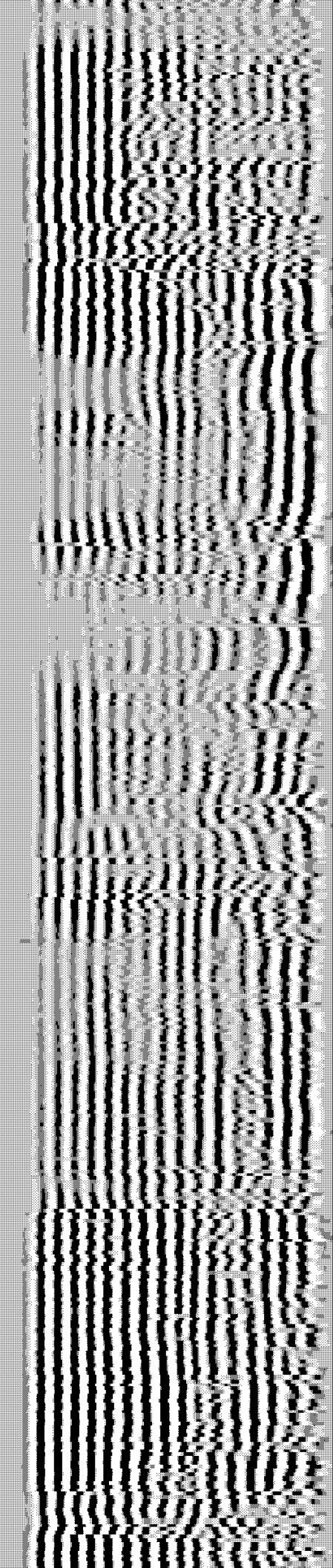
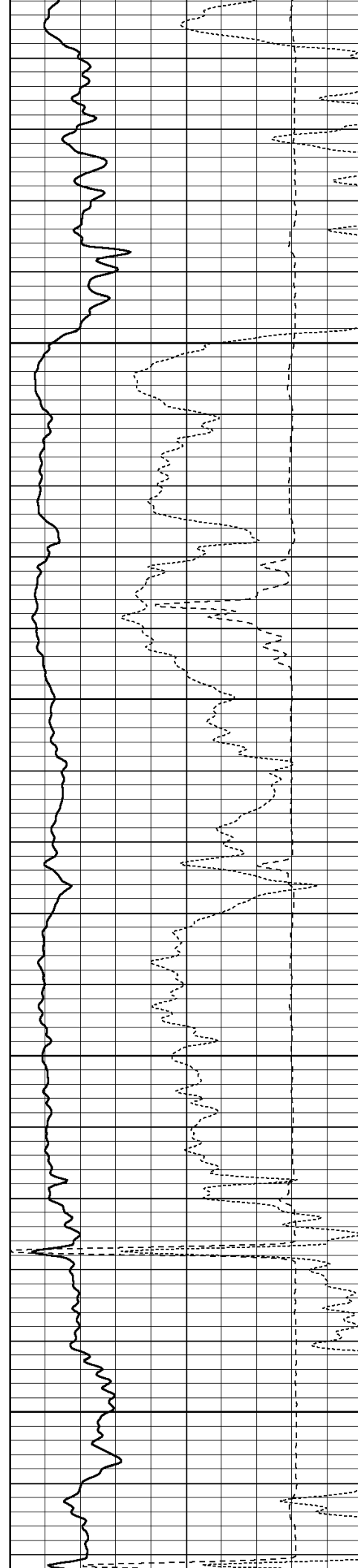
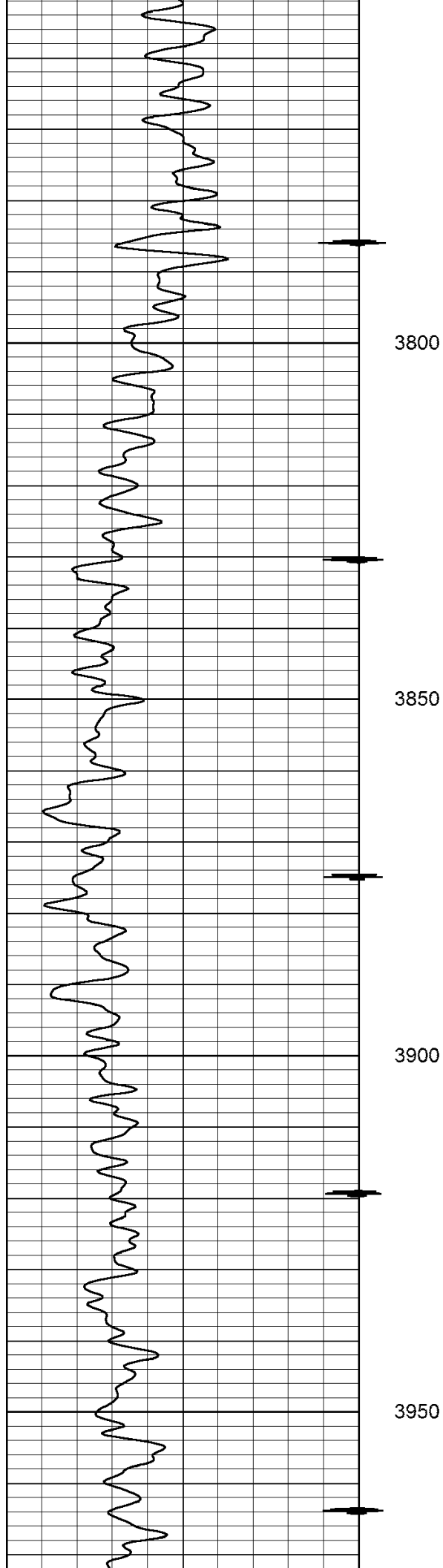


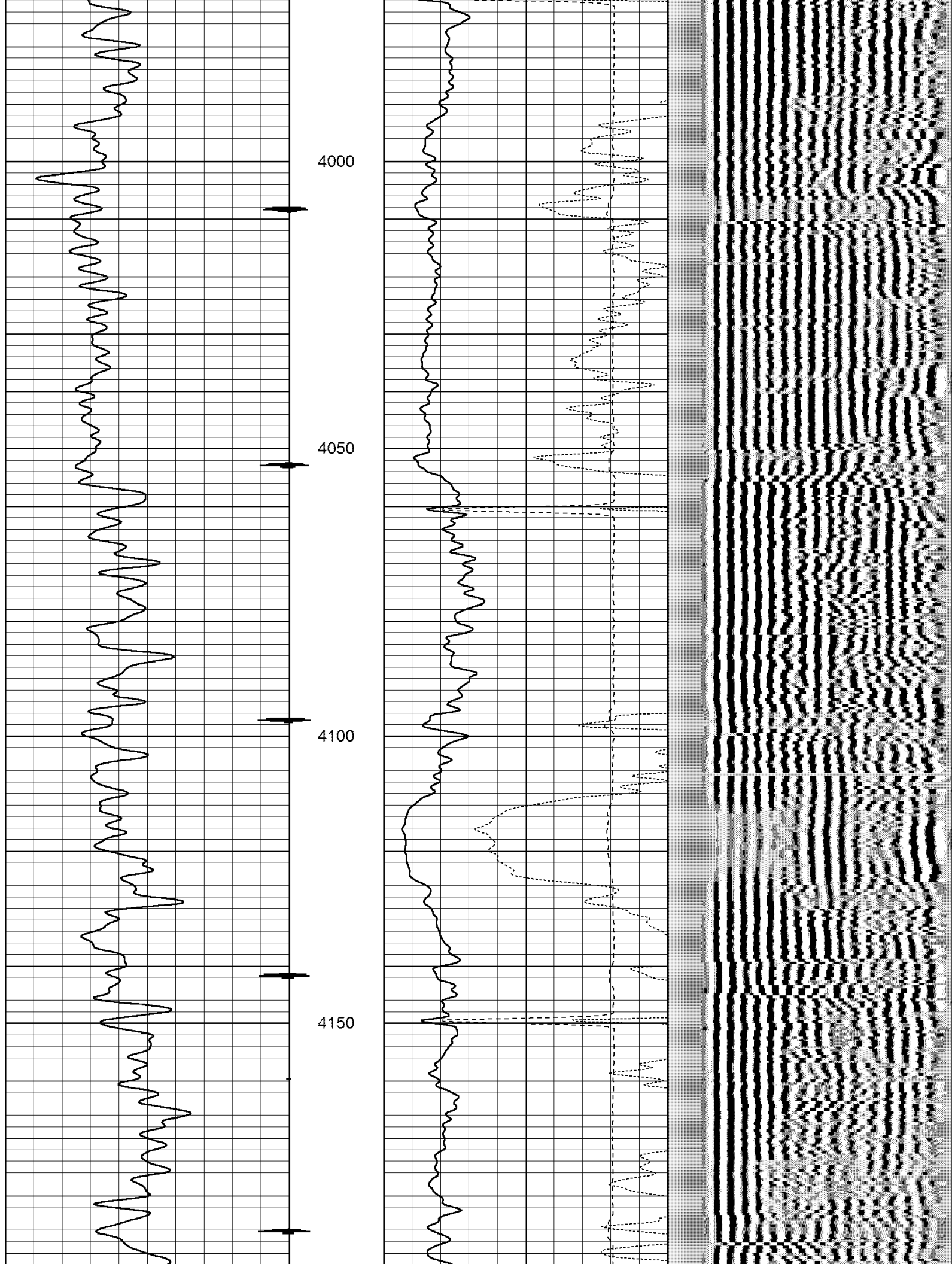


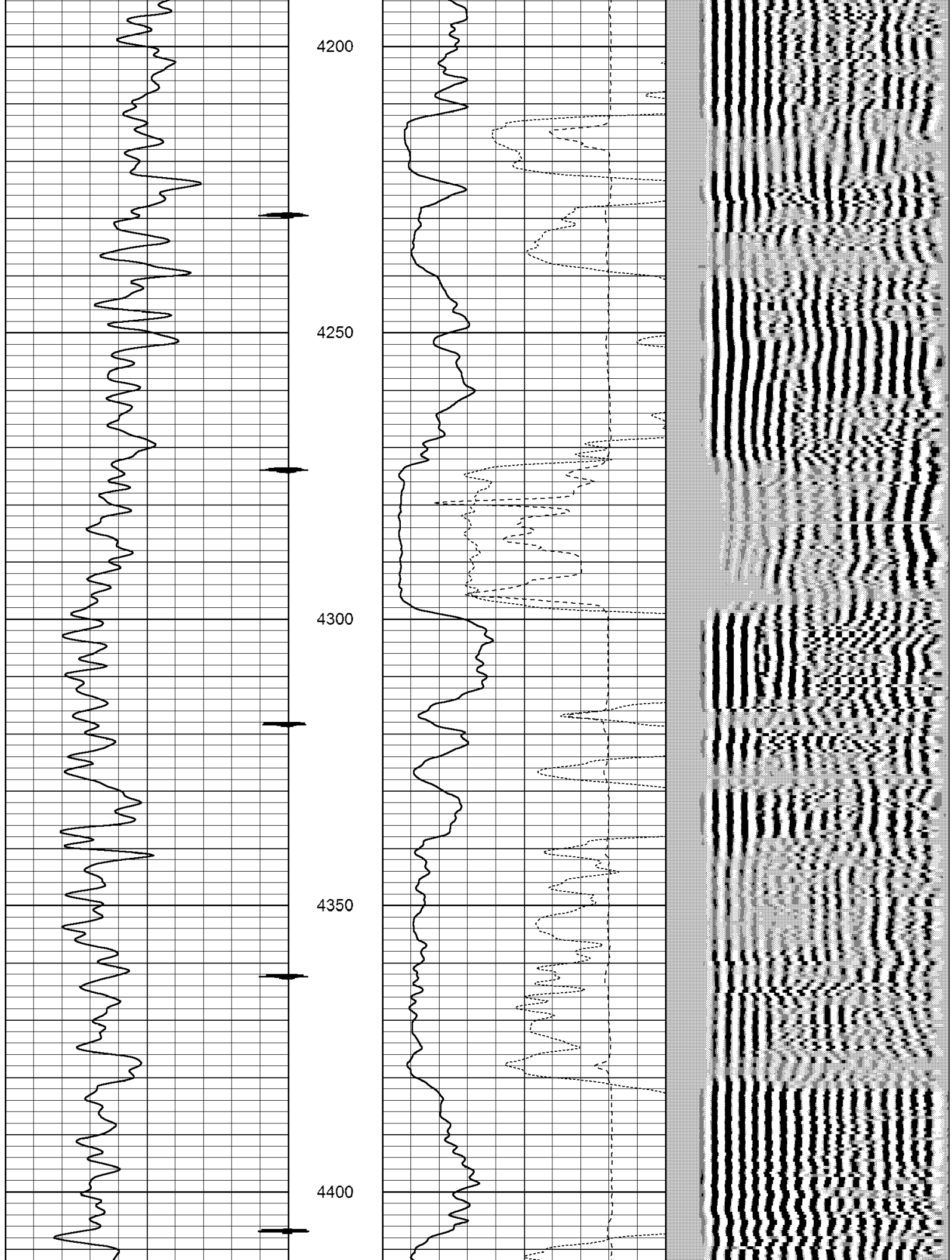


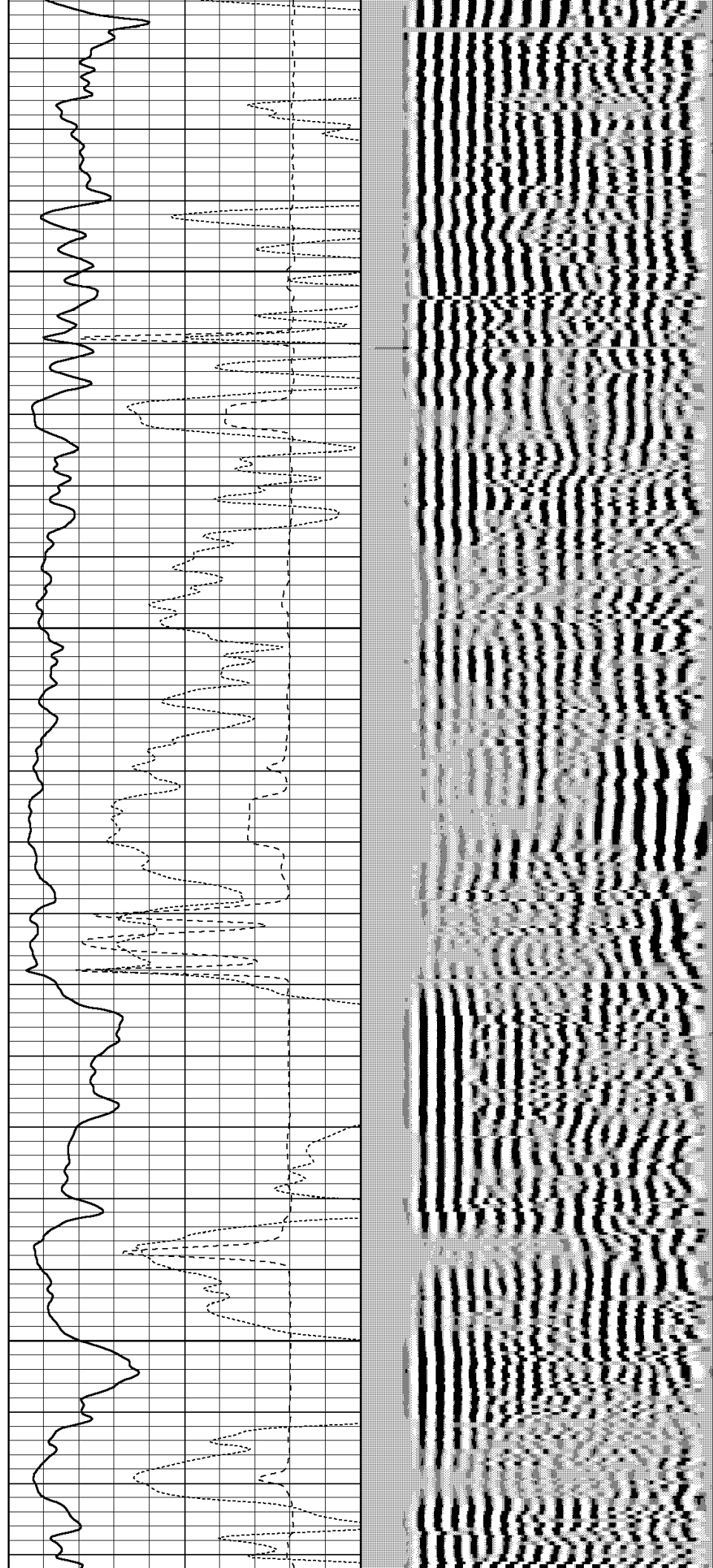
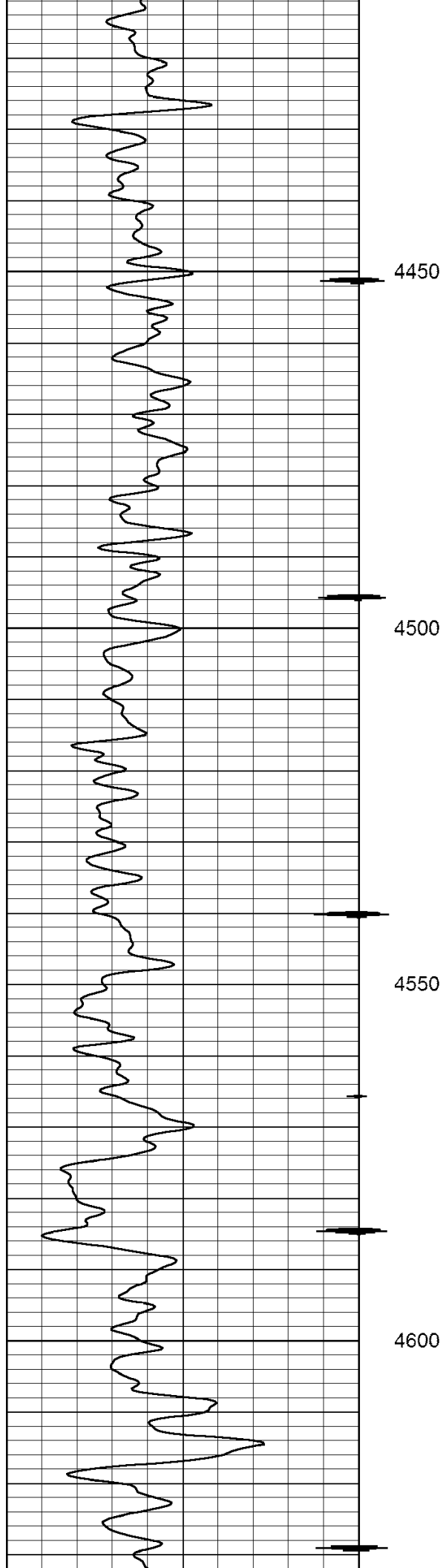


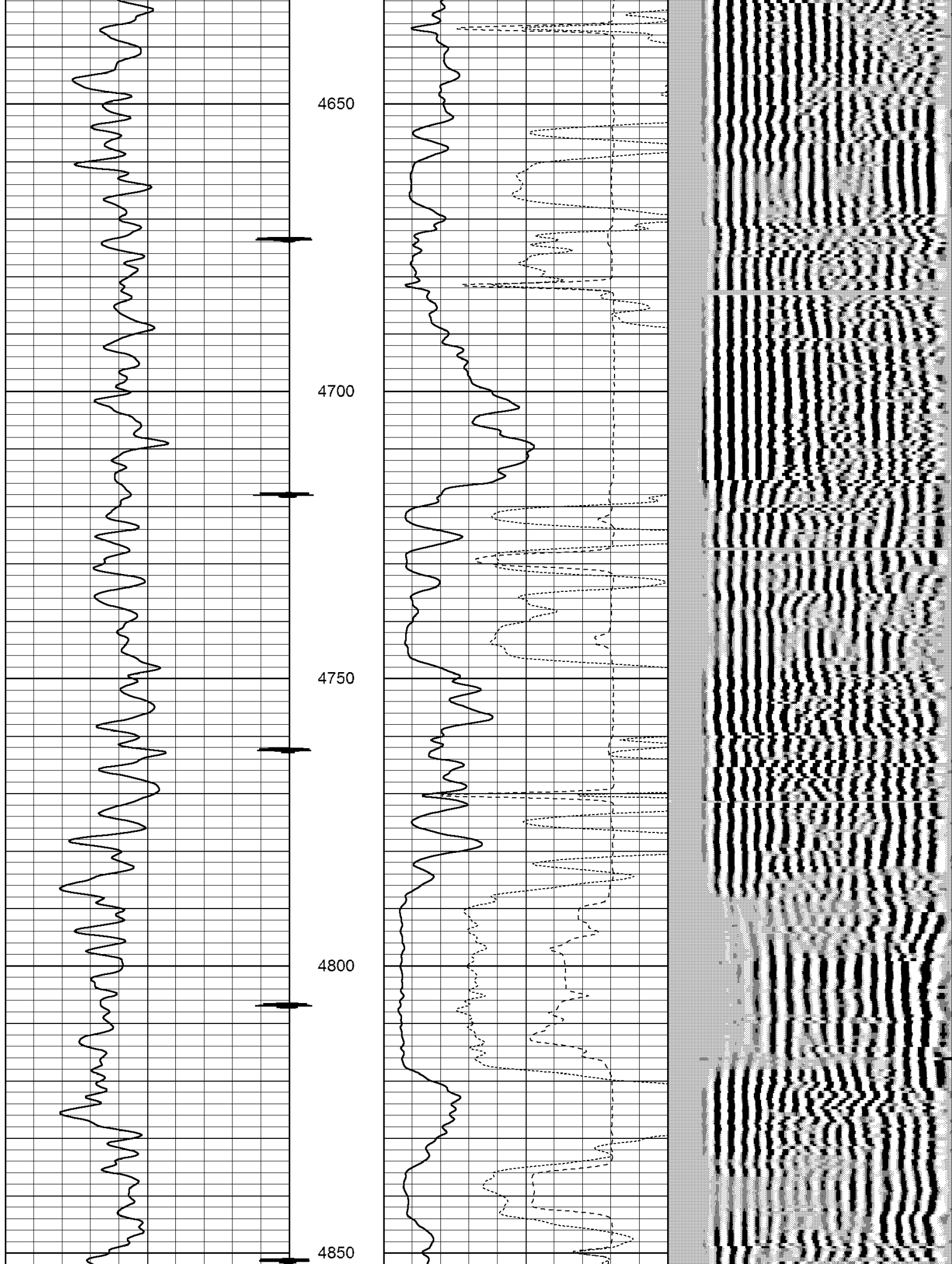


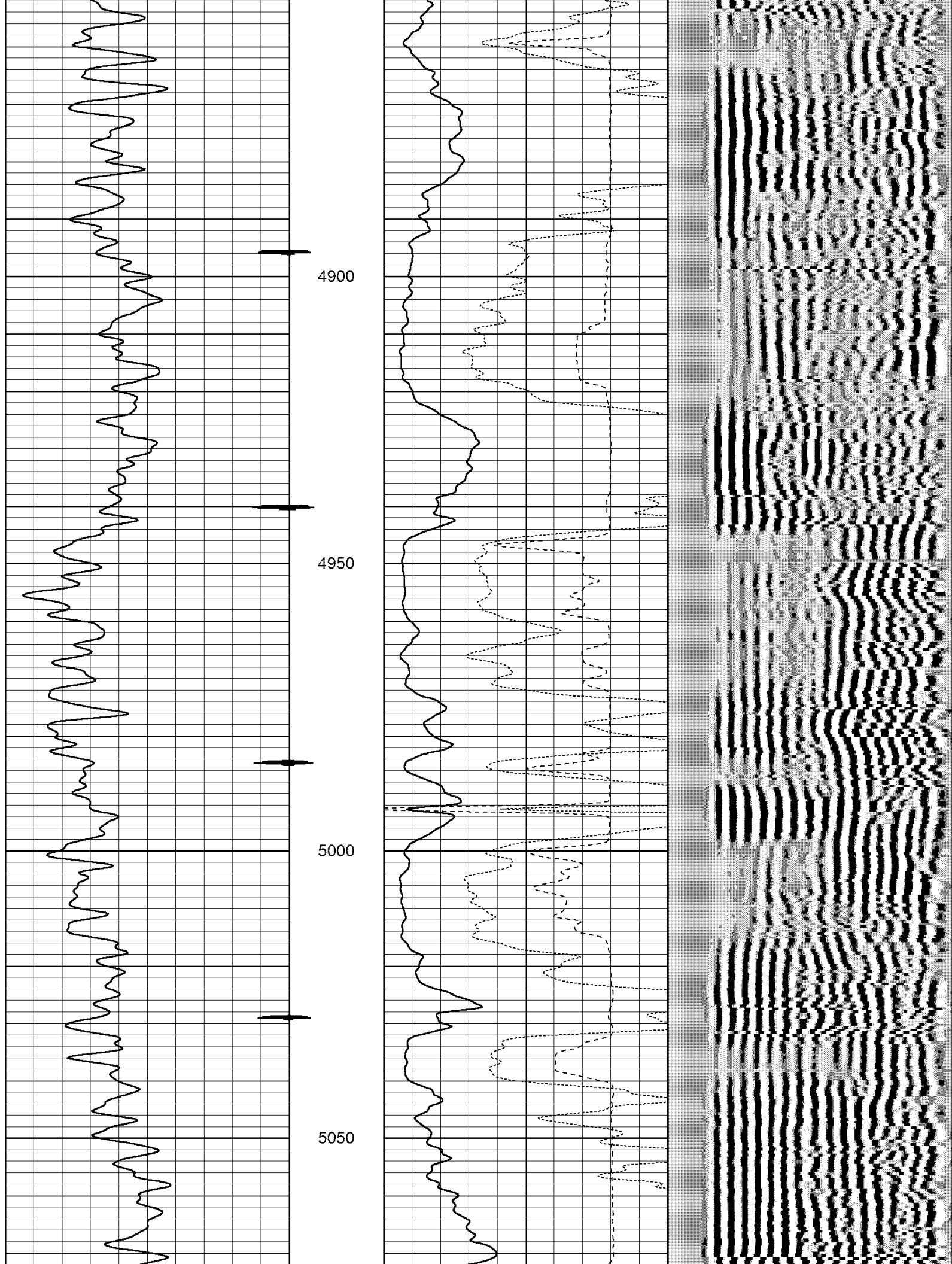


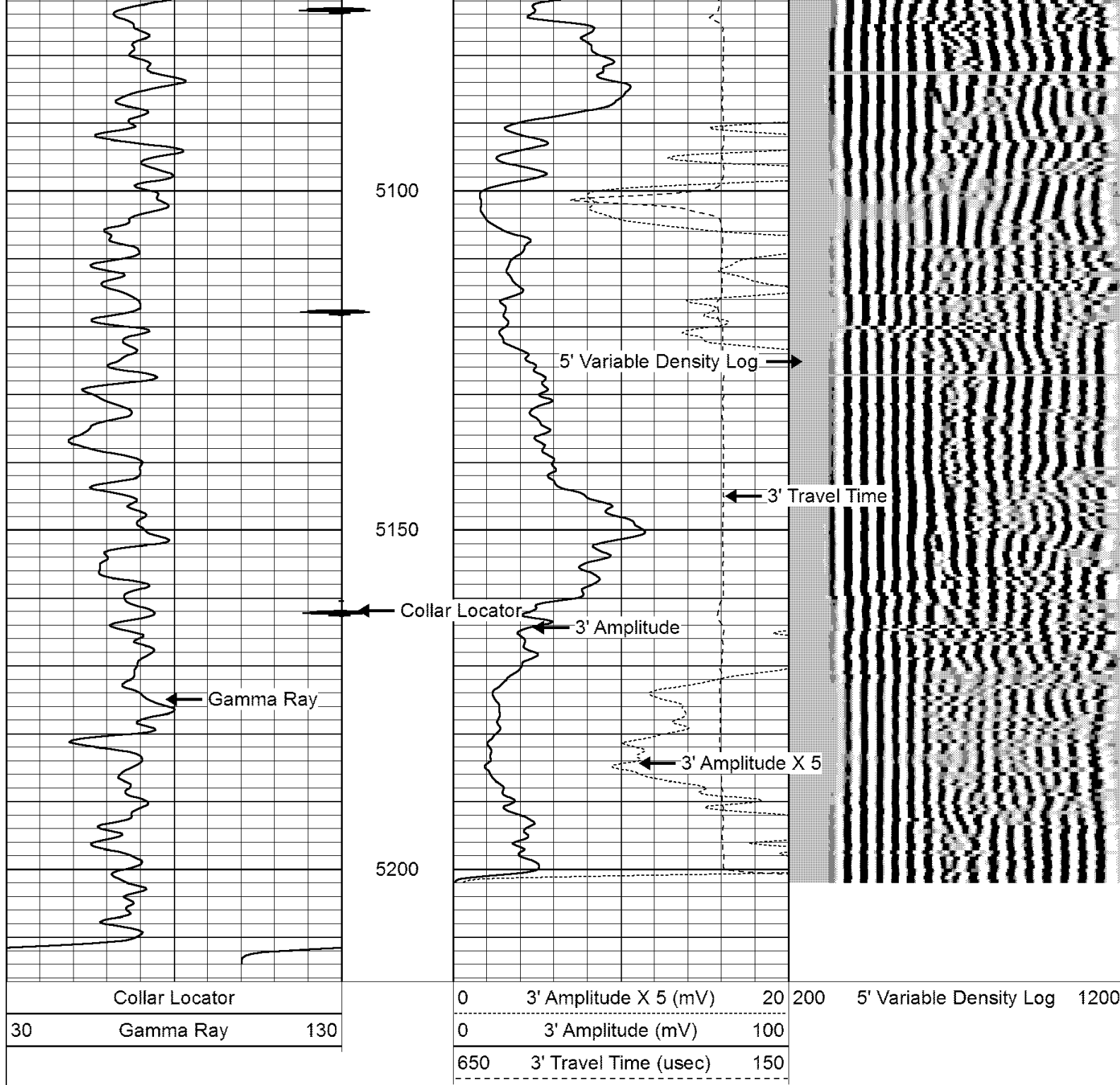










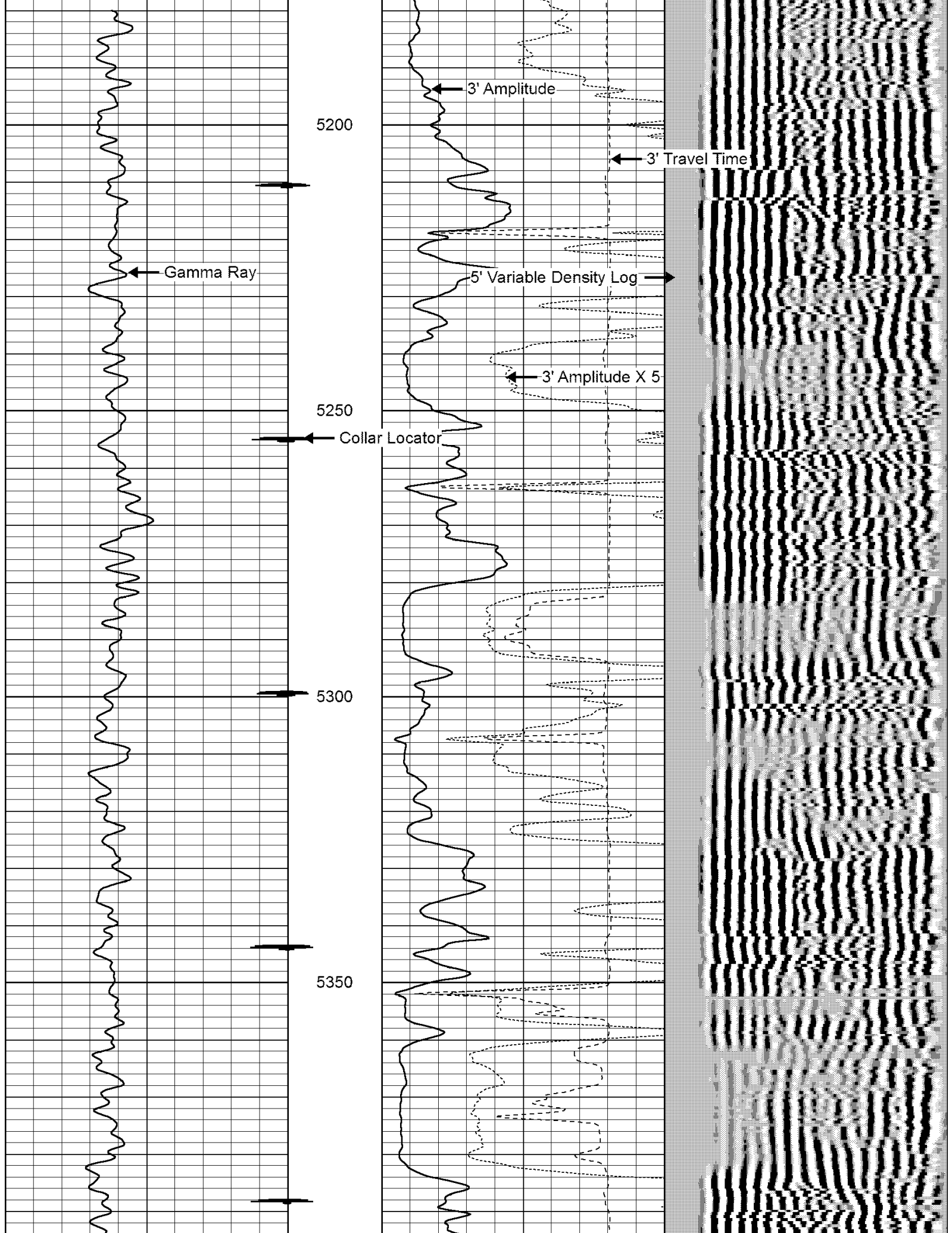


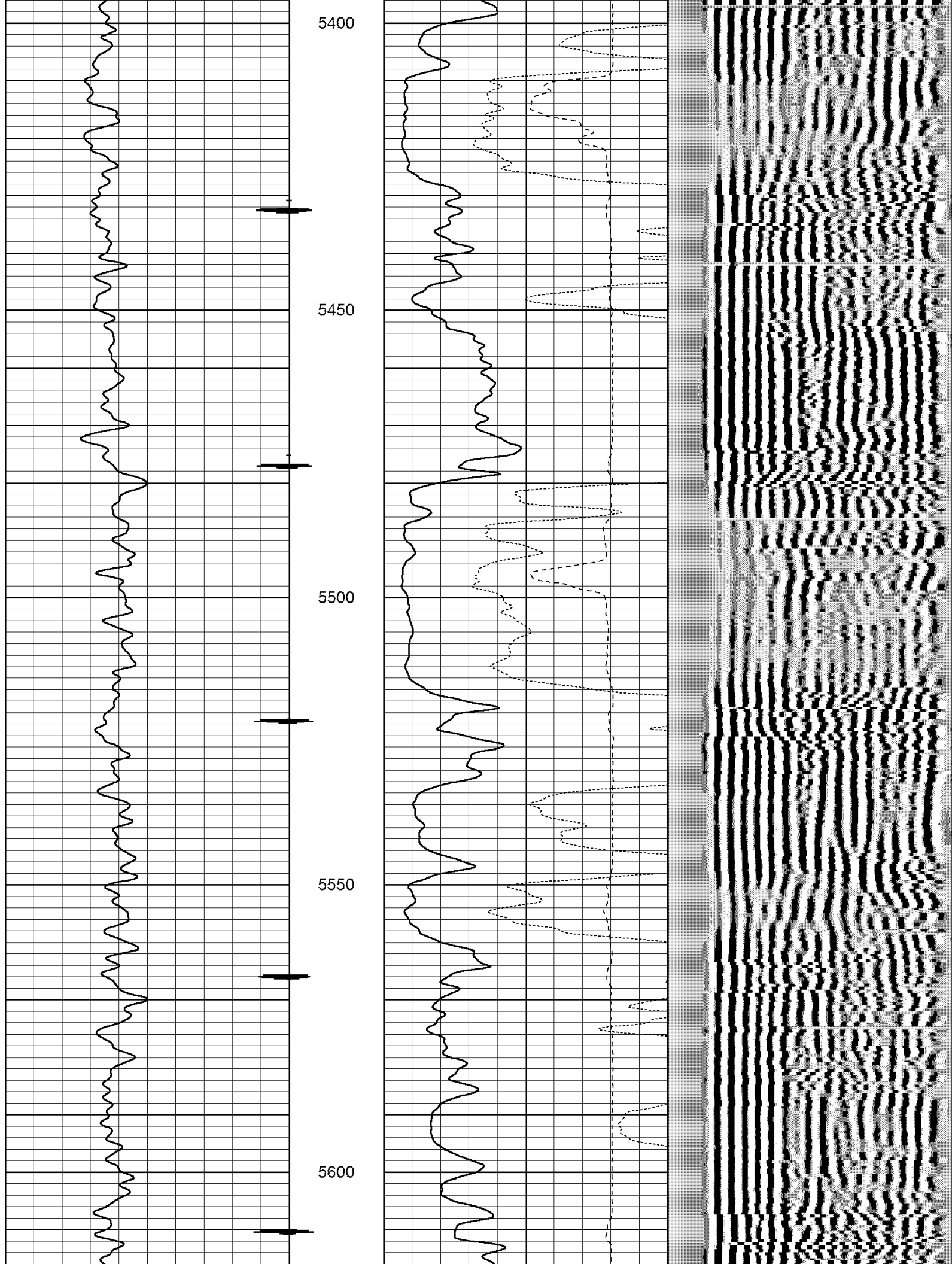
MAIN PASS - LOGGED WITH ZERO PSI @ SURFACE

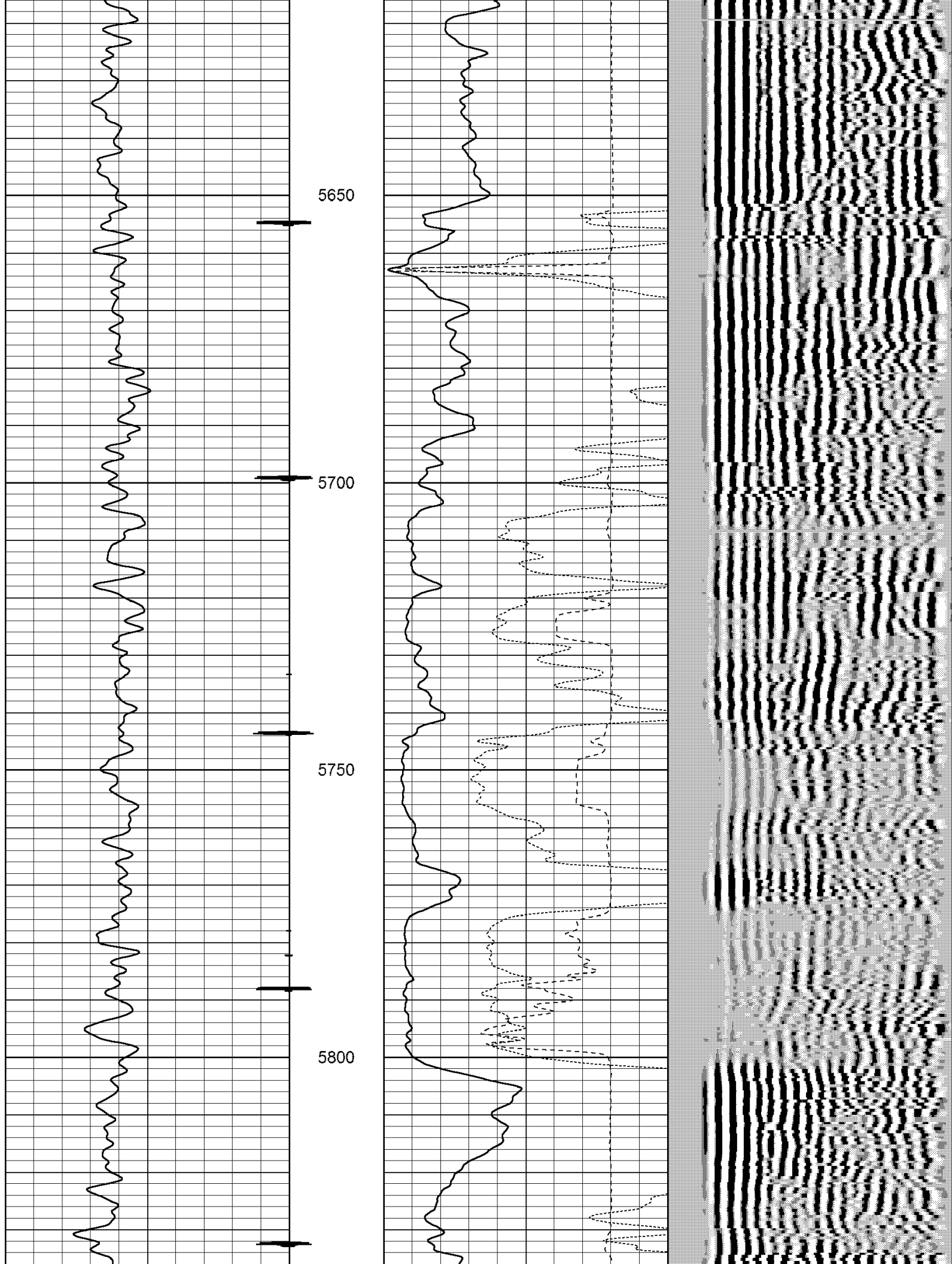
LOG SPLIT FOR CORRELATION

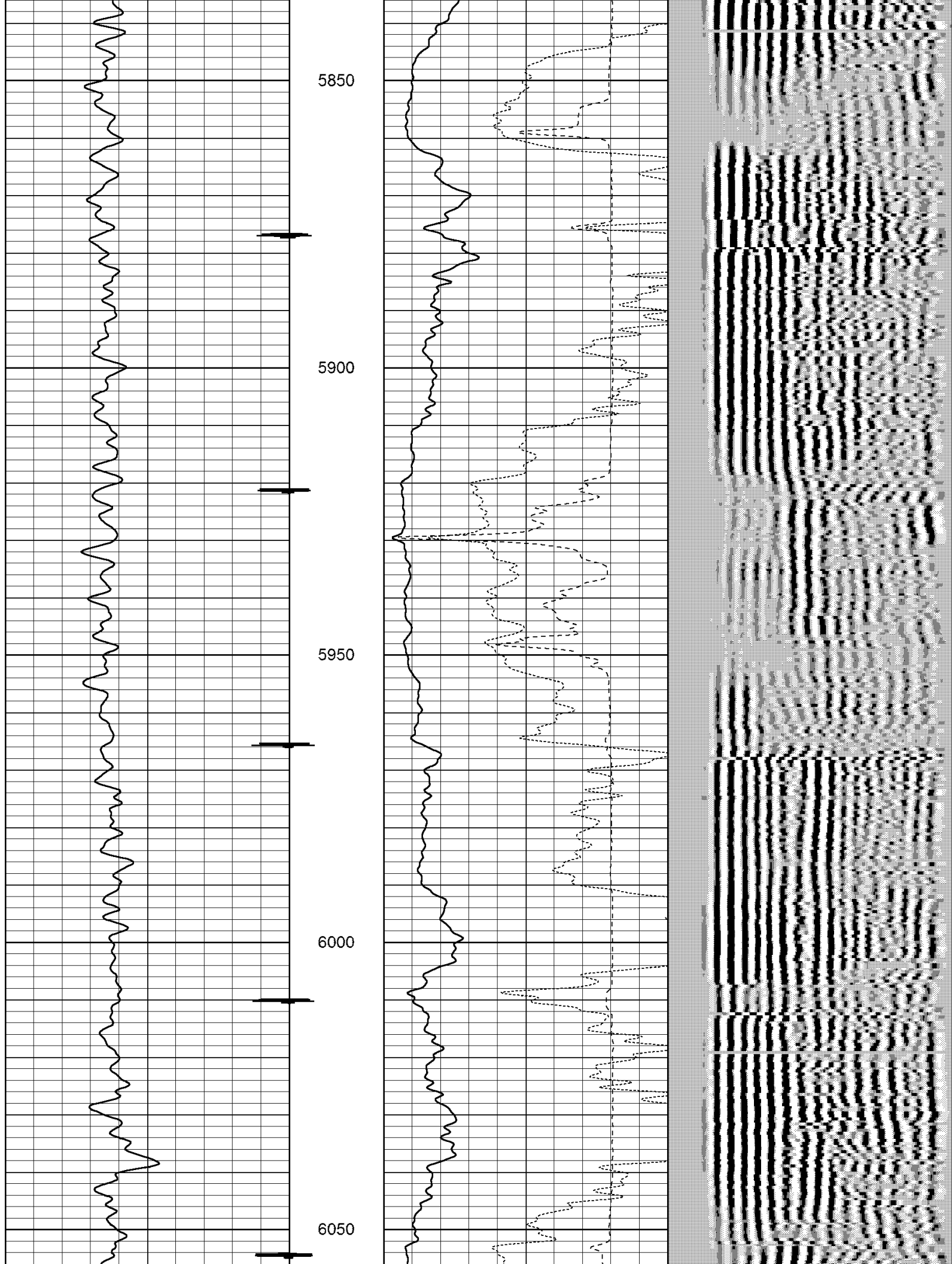
Database File: kpk_front range 11-17-7_cbl.db
 Dataset Pathname: pass1
 Presentation Format: cbl
 Dataset Creation: Mon Aug 13 16:14:44 2012 by Log SCH 111116
 Charted by: Depth in Feet scaled 1:240

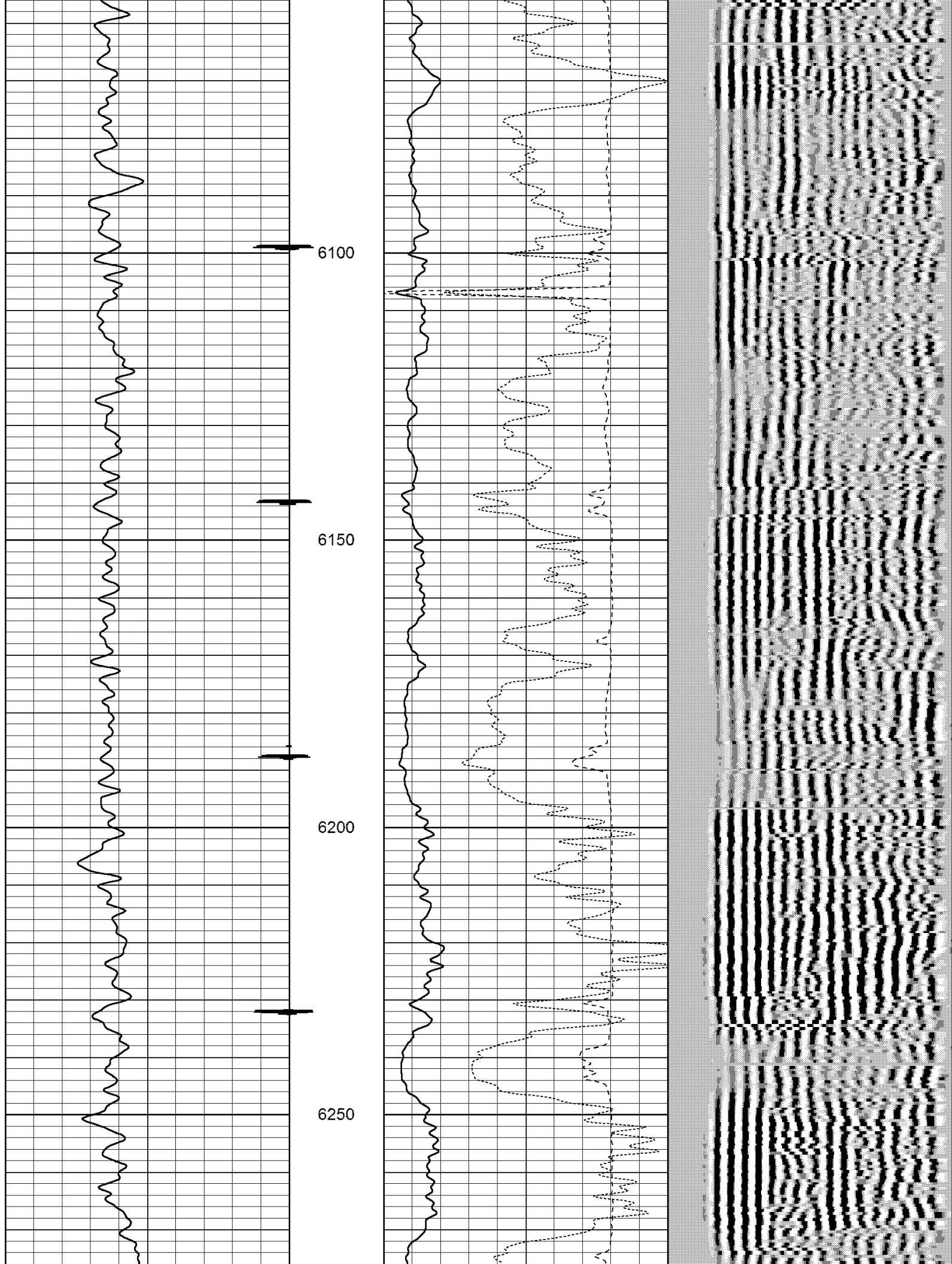
Collar Locator	0	3' Amplitude X 5 (mV)	20	200	5' Variable Density Log	1200
0	Gamma Ray	180	0	3' Amplitude (mV)	100	
			650	3' Travel Time (usec)	150	

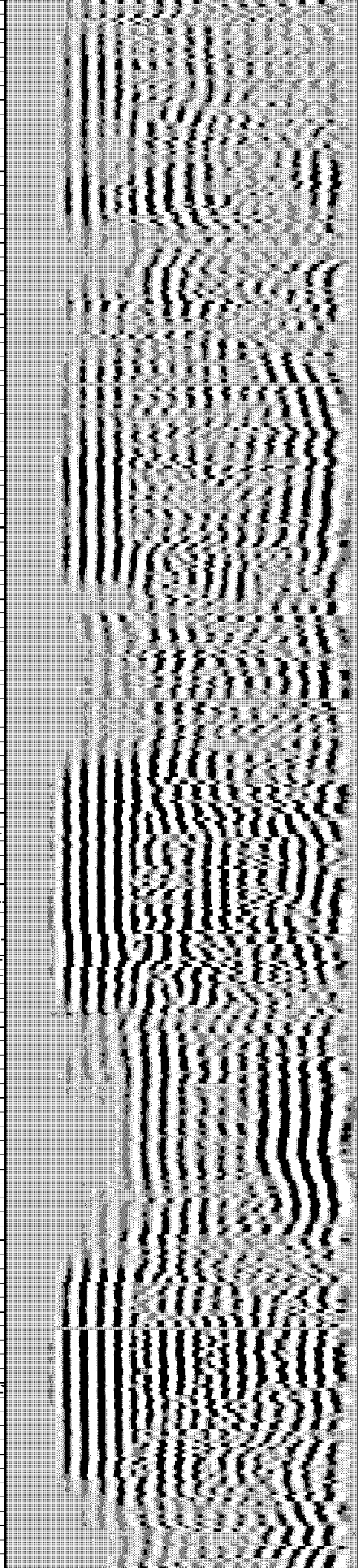
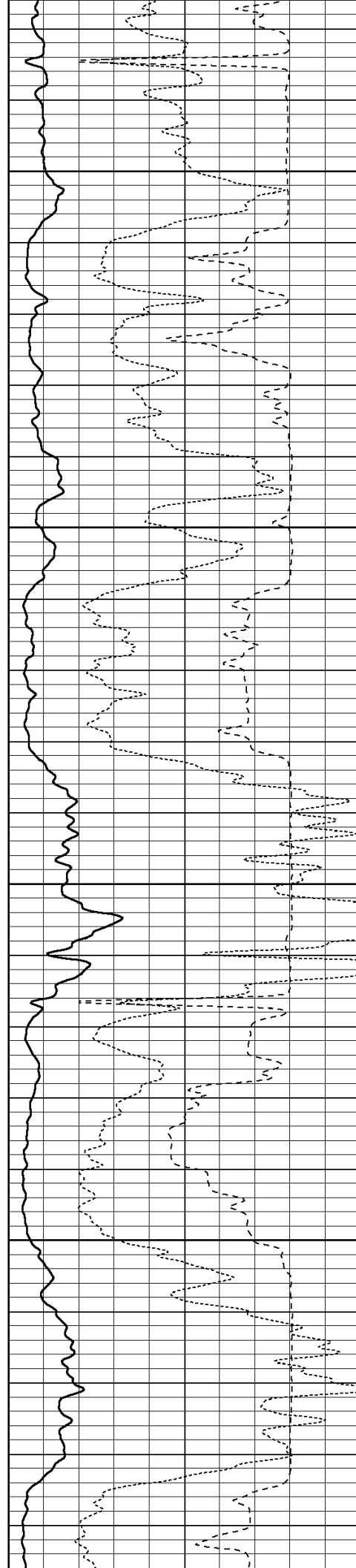
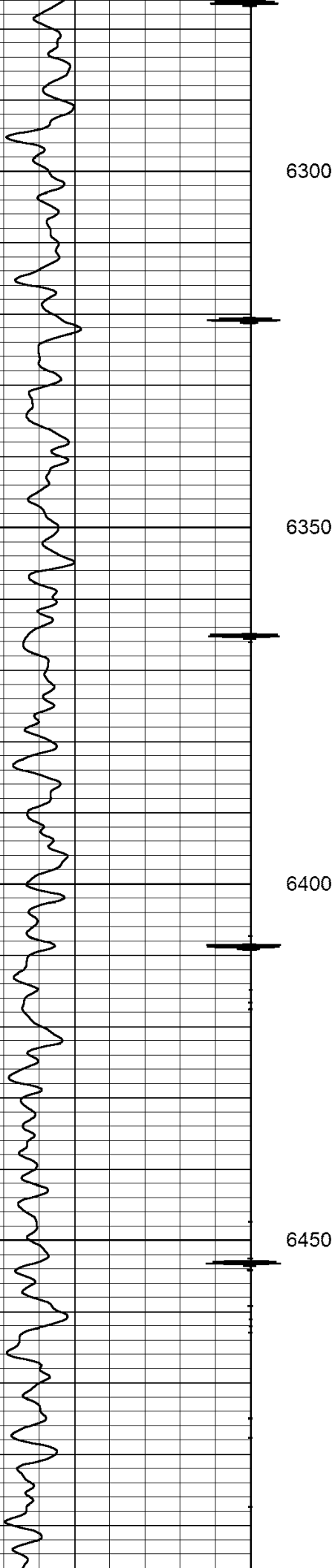


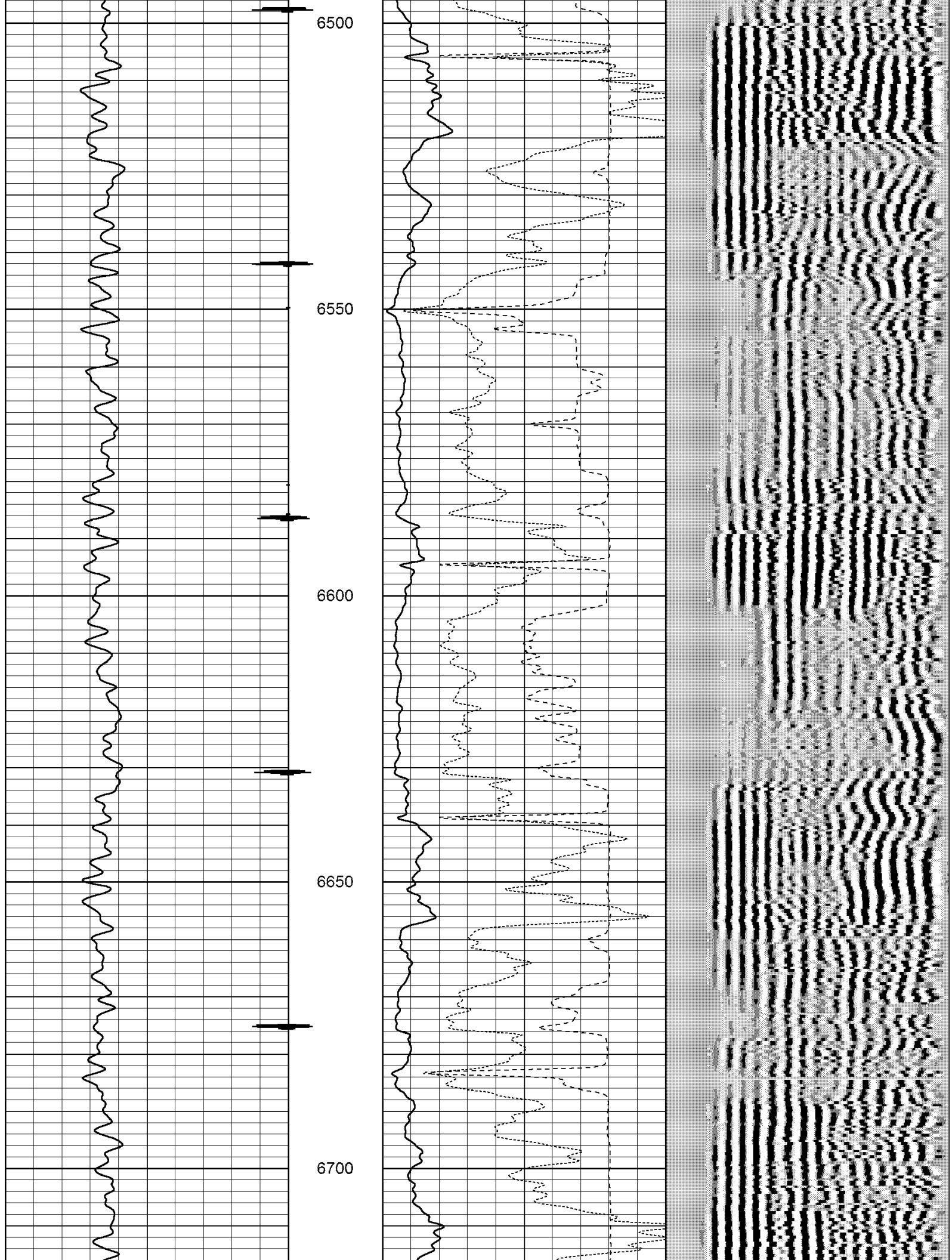


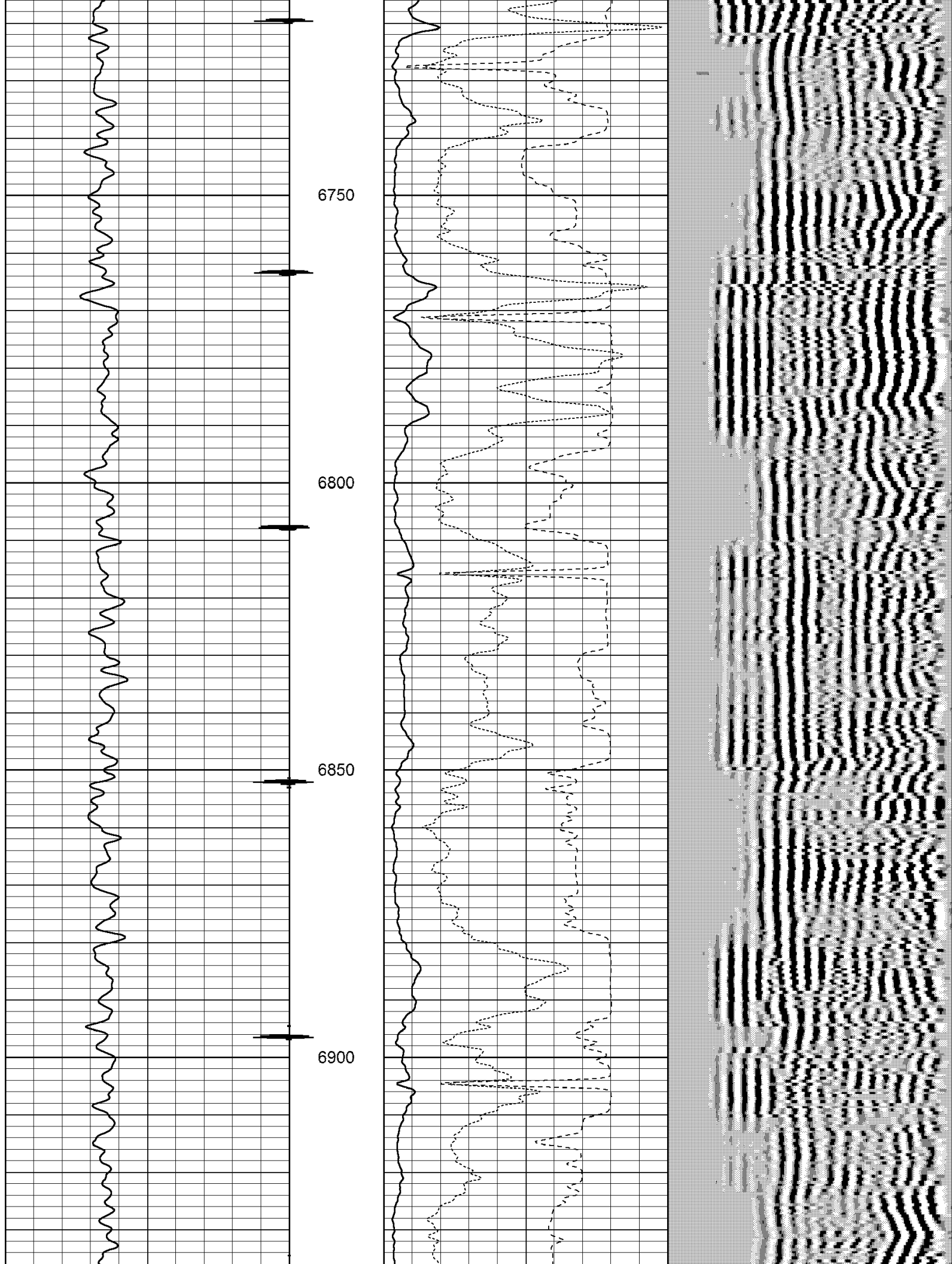


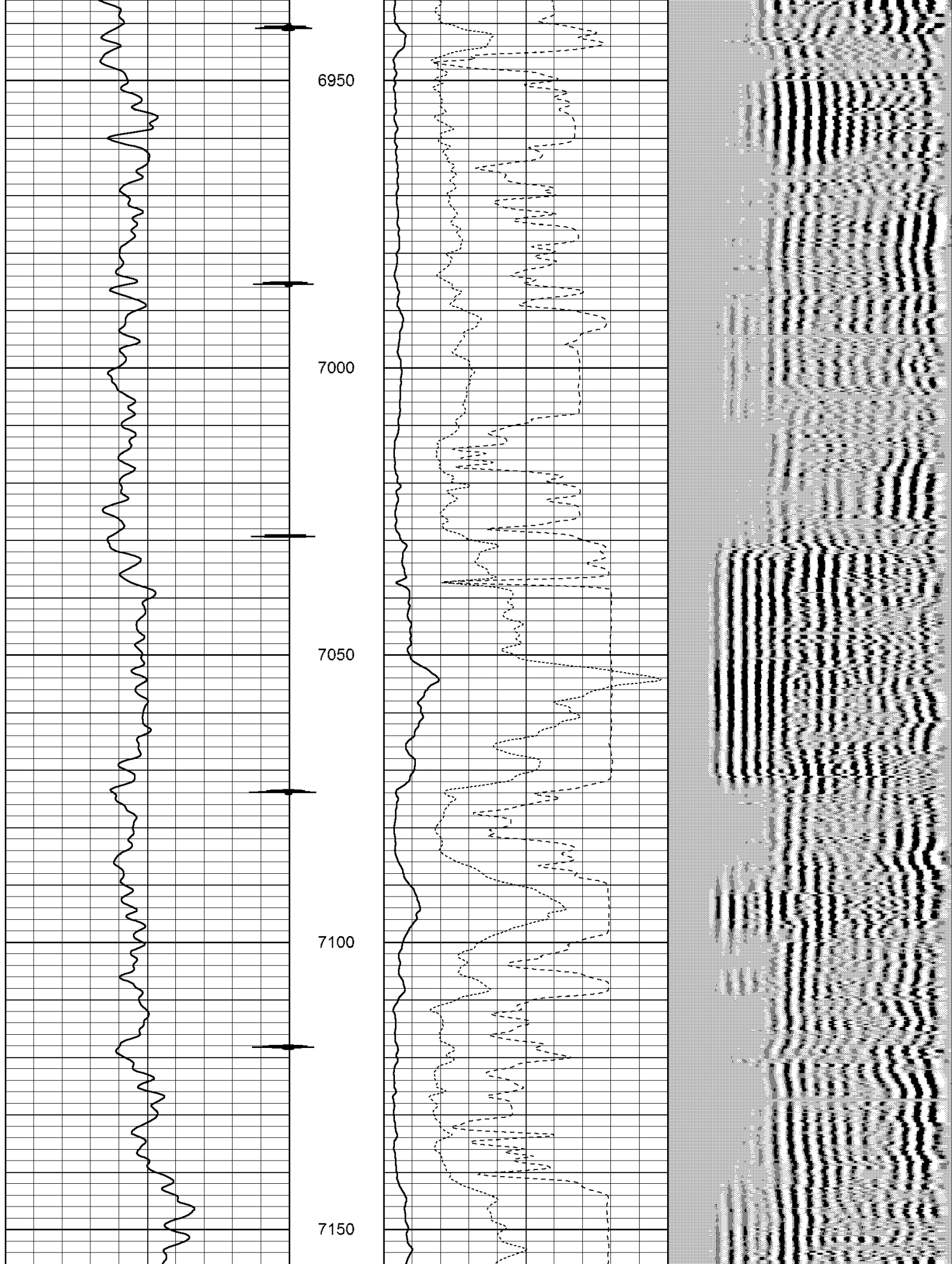


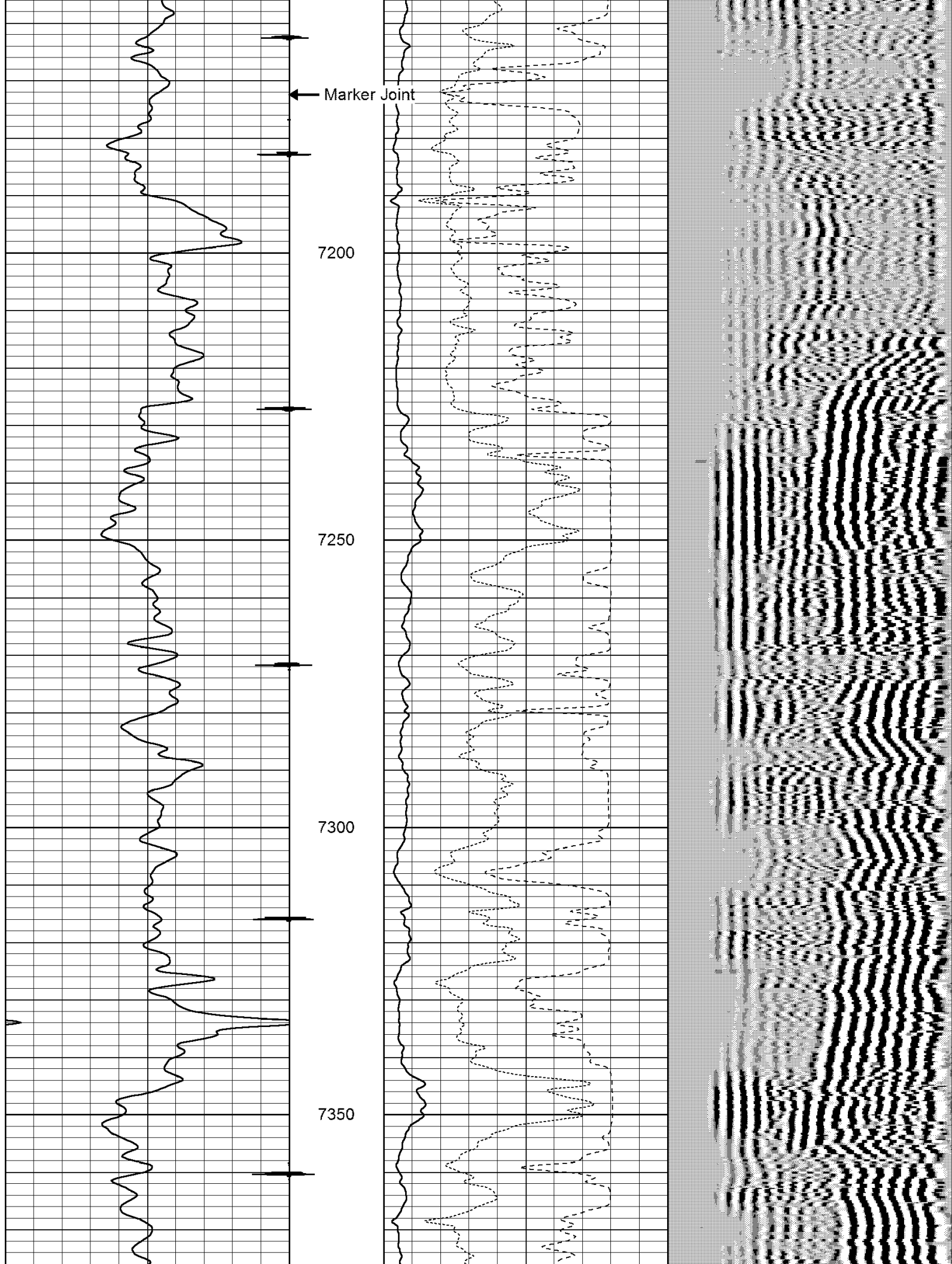


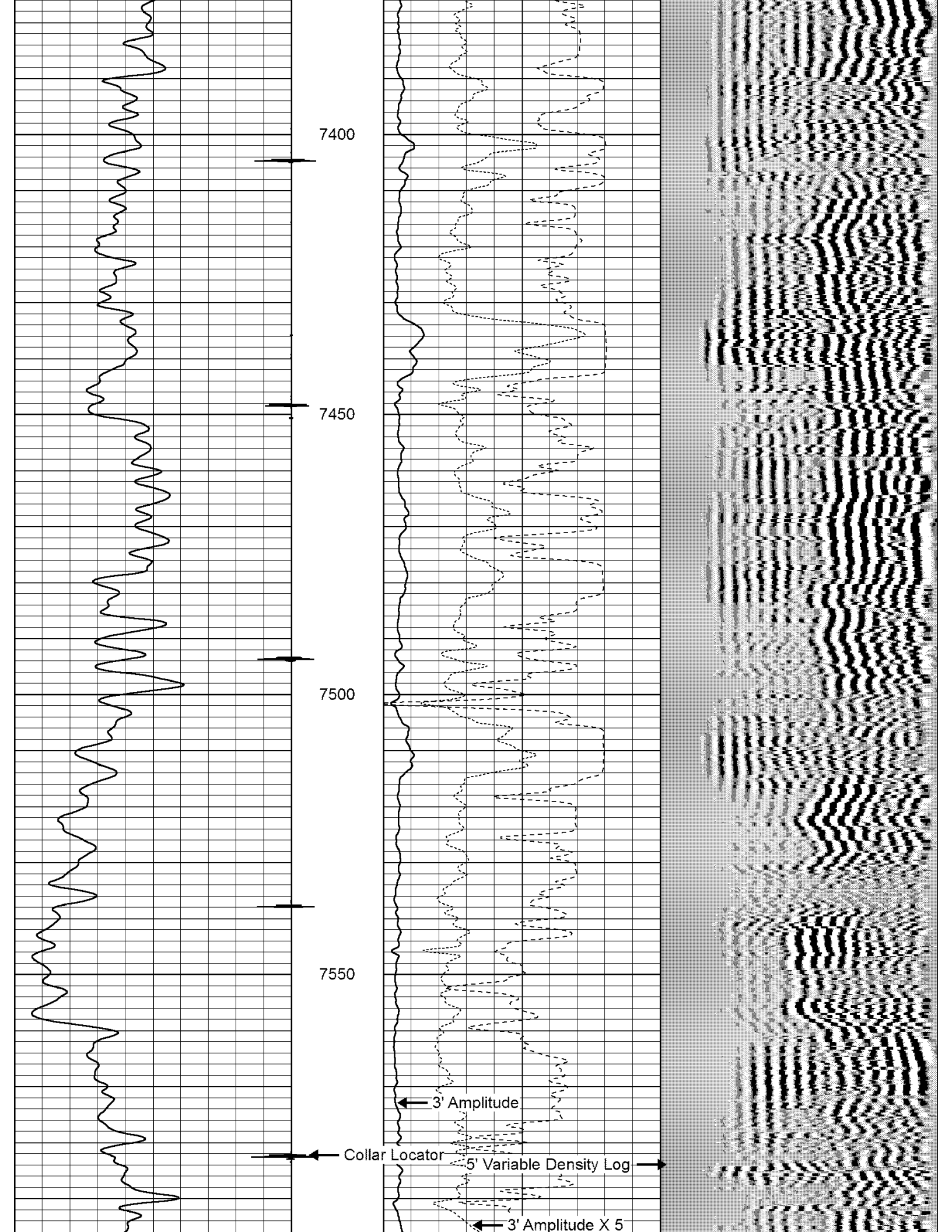


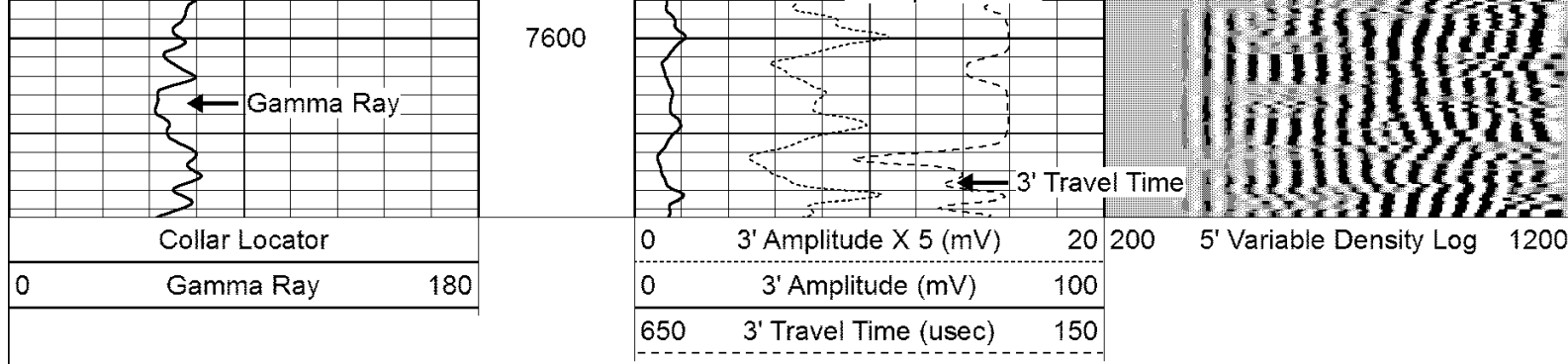












Calibration Report

Database File: kpk_front range 11-17-7_cbl.db
 Dataset Pathname: pass1
 Dataset Creation: Mon Aug 13 16:14:44 2012 by Log SCH 111116

Gamma Ray Calibration Report

Serial Number: Tek-Co2
 Tool Model: Tek-Co
 Performed: Mon Aug 13 15:44:00 2012

Calibrator Value: 1.0

Background Reading: 0.0 cps
 Calibrator Reading: 1.0 cps

Sensitivity: 0.5600 /cps

Segmented Cement Bond Log Calibration Report

Serial Number: 1234
 Tool Model: 275RIB

Calibration Casing Diameter: 4.500 in
 Calibration Depth: 618.171 ft

Master Calibration, performed Mon Aug 13 15:53:25 2012:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	-0.009	1.200	0.000	81.196	67.168	0.588
CAL	0.000	1.234				
5'	-0.006	1.579	0.000	81.196	51.209	0.311
SUM						
S1	-0.008	1.275	0.000	100.000	77.920	0.636
S2	-0.008	1.241	0.000	100.000	80.013	0.670
S3	-0.008	1.302	0.000	100.000	76.338	0.613
S4	-0.007	1.284	0.000	100.000	77.468	0.506
S5	-0.008	1.274	0.000	100.000	77.995	0.627
S6	-0.009	1.279	0.000	100.000	77.623	0.725
S7	-0.009	1.316	0.000	100.000	75.458	0.671
S8	-0.008	1.327	0.000	100.000	74.900	0.636

Internal Reference Calibration, performed Wed Dec 31 17:00:00 1969:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.000	1.234	1.000	0.000

Air Zero Calibration, performed Mon Aug 13 15:46:02 2012:

	Raw (v)	Calibrated (v)	Results
	Zero	Zero	Offset
3'	0.000	0.000	0.000
5'	0.000	0.000	0.000
SUM			
S1	0.000	0.000	0.000
S2	0.000	0.000	0.000
S3	0.000	0.000	0.000
S4	0.000	0.000	0.000
S5	0.000	0.000	0.000
S6	0.000	0.000	0.000
S7	0.000	0.000	0.000
S8	0.000	0.000	0.000

Temperature Calibration Report

Serial Number: 1234
Tool Model: 275RIB
Performed: Wed Sep 17 14:30:05 2008

	Reference	Reading
Low Reference:	75.00 degF	300.00 usec
High Reference:	400.00 degF	1282.00usec

Gain: 0.33
Offset: 0.00
Delta Spacing 1



Company	K. P. KAUFFMAN COMPANY INC.	
Well	FRONT RANGE 11-17-7	
Field	WATTENBERG	
County	WELD	
State	COLORADO	
		Country US