



SUPERIOR
WELL SERVICES
Black Lick, Pa.
Mercer, Pa.
Wooster, Oh.
Cleveland, Ok.
Trinidad, Co.

**CEMENT BOND
GAMMA RAY
1000 PSI**

Company XTO Energy Inc.

Well Apache Canyon 04-04

Field Purgatorie River

County Las Animas State CO

Location: API # : 05 071 09632 00 Other Services

1270' FSL & 251' FEL

SEC 04 TWP 34S RGE 67W

Permanent Datum Ground level Elevation 7715'
Log Measured From Ground Level
Drilling Measured From Ground Level
K.B. -----
D.F. -----
G.L. 7715'

Date 8/18/08

Run Number One

Depth Driller 2340'

Depth Logger 2267'

Bottom Logged Interval 2263'

Top Log Interval Surf.

Open Hole Size 7 7/8"

Type Fluid water

Density / Viscosity ///

Max. Recorded Temp. 136F

Estimated Cement Top Surf.

Time Well Ready ROA

Time Logger on Bottom 3:10

Equipment Number T996

Location Trinidad

Recorded By A Armijo

Witnessed By Mr. Gourdin

Borehole Record Bit From To Size Weight From To

Casing Record Size Wgt/Ft Top Bottom

Surface String 8 5/8" 00 500'

Prot. String 5 1/2" 00 2340'

Production String

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

First Bosque entrance to Cherry Canyon past Cmpressor station 5 stay on main road at the hard awitchback stay right take 2nd left @ Y stay right follow road down hill at Y stay left dead on location

CBL ran under 1000 PSI.



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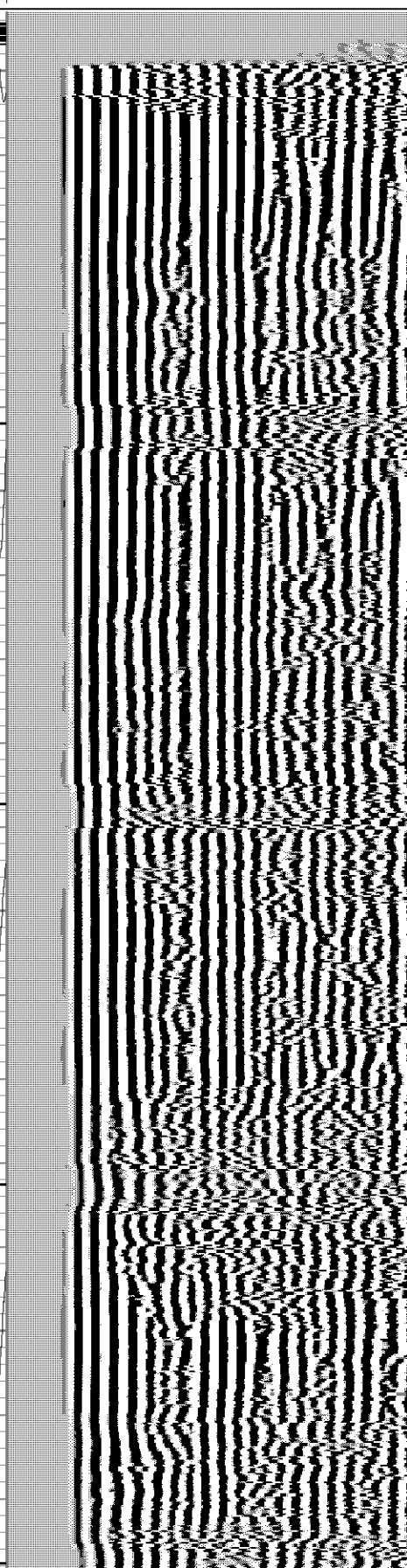
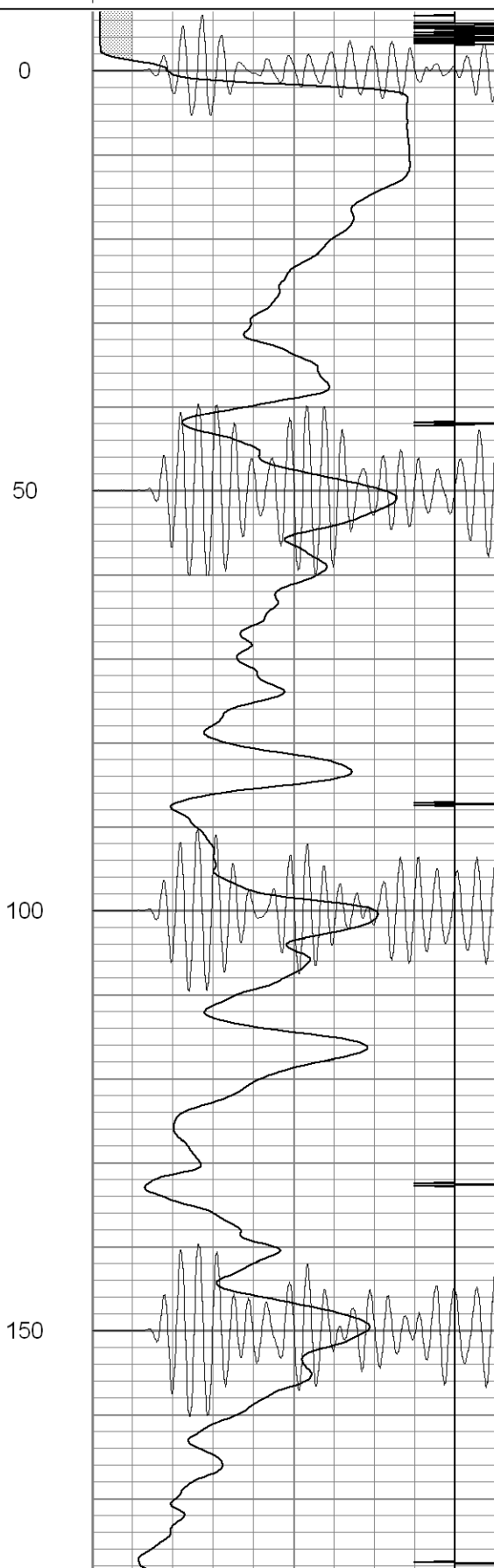
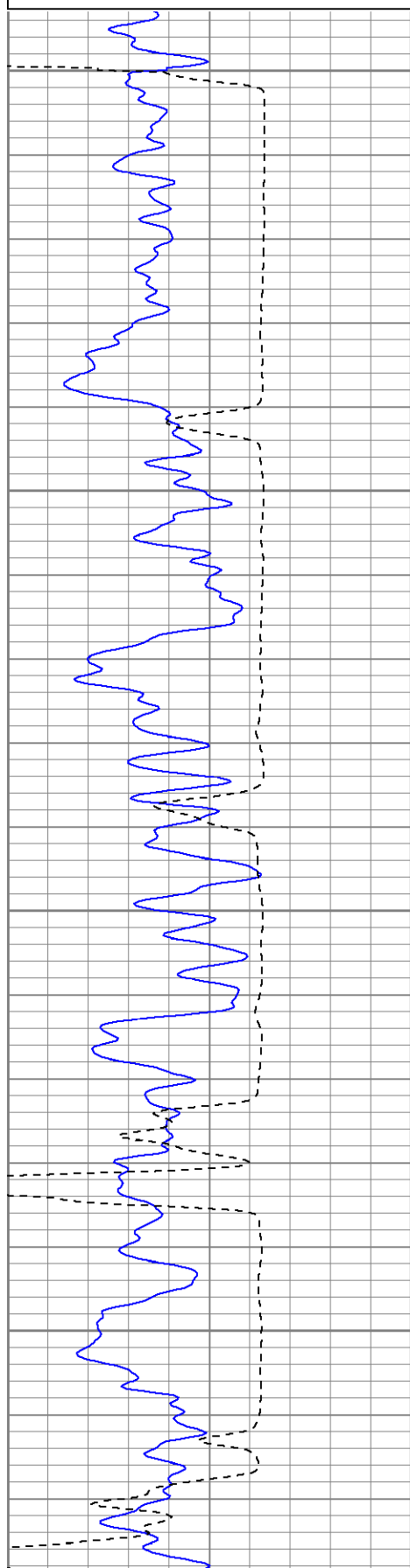
Main Pass 1000 PSI

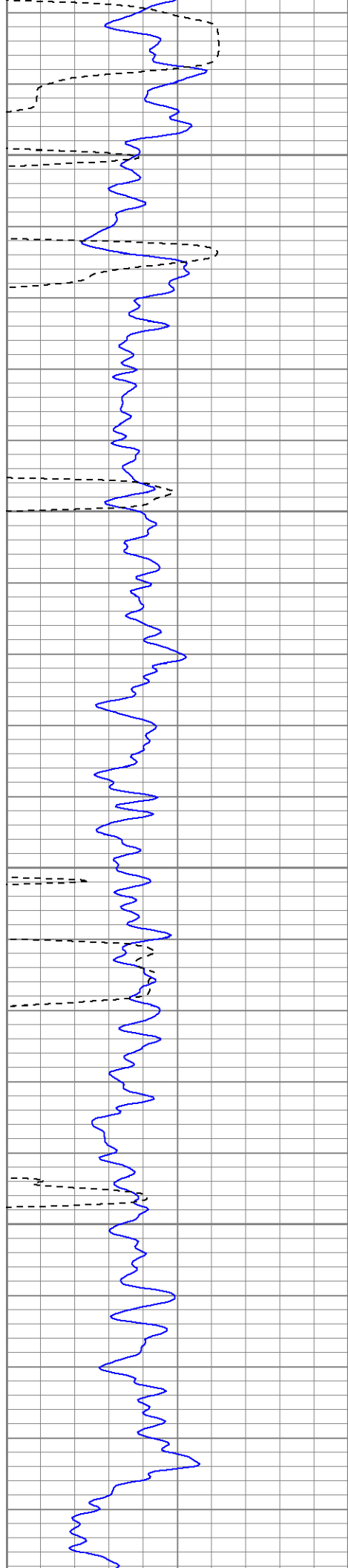
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Dataset Pathname: pass2.2
Presentation Format: cblrt
Dataset Creation: Mon Aug 18 16:24:22 2008 by Calc Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

0	GR (GAPI)	200
400	TT3 (usec)	200

0	AMP3 (mV)	100
18	CCL	-2
200	CBL5	1200

200	Variable Density	1200
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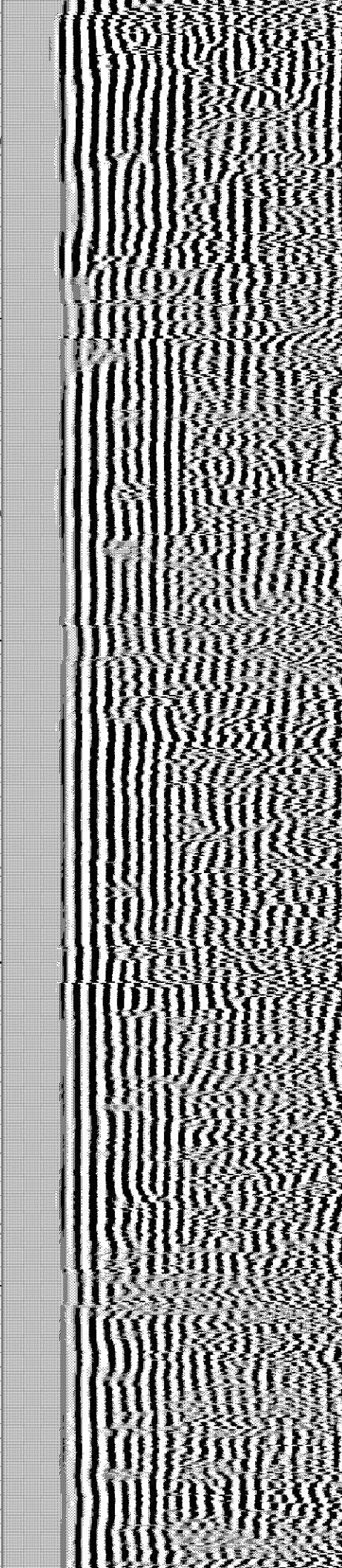
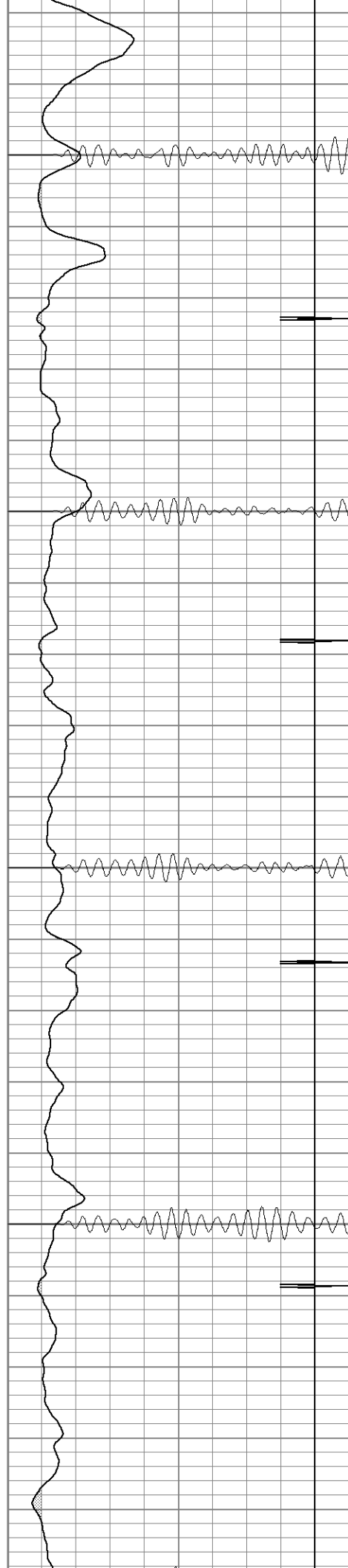


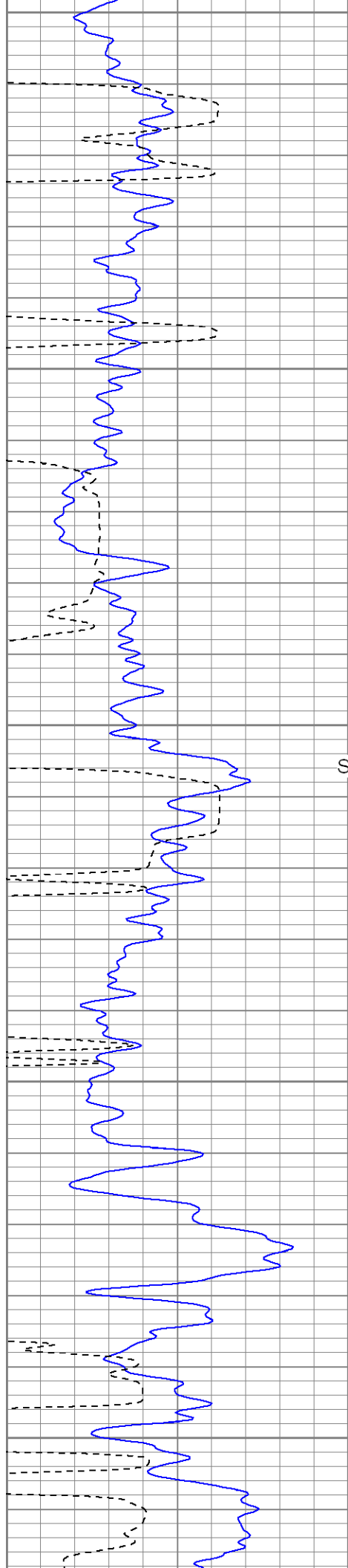
200

250

300

350





400

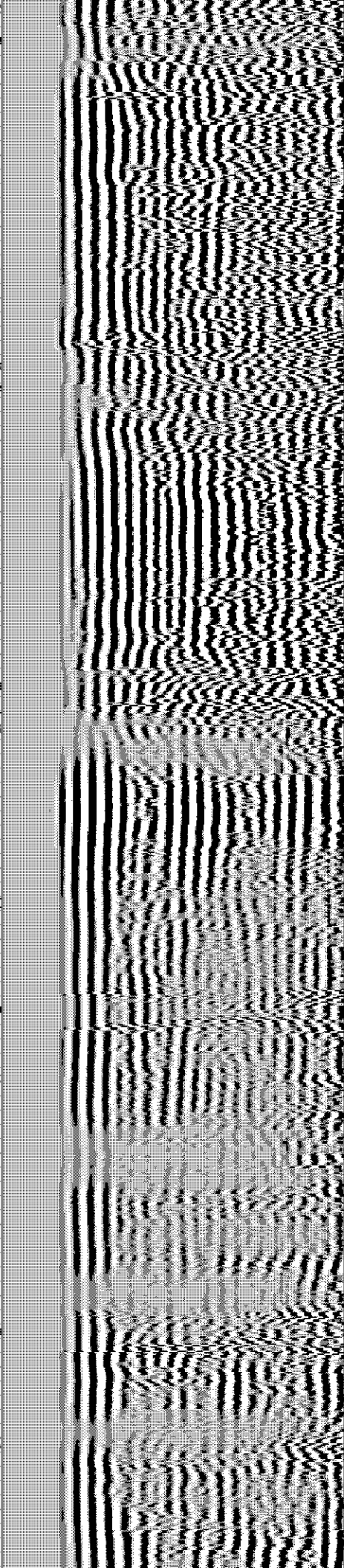
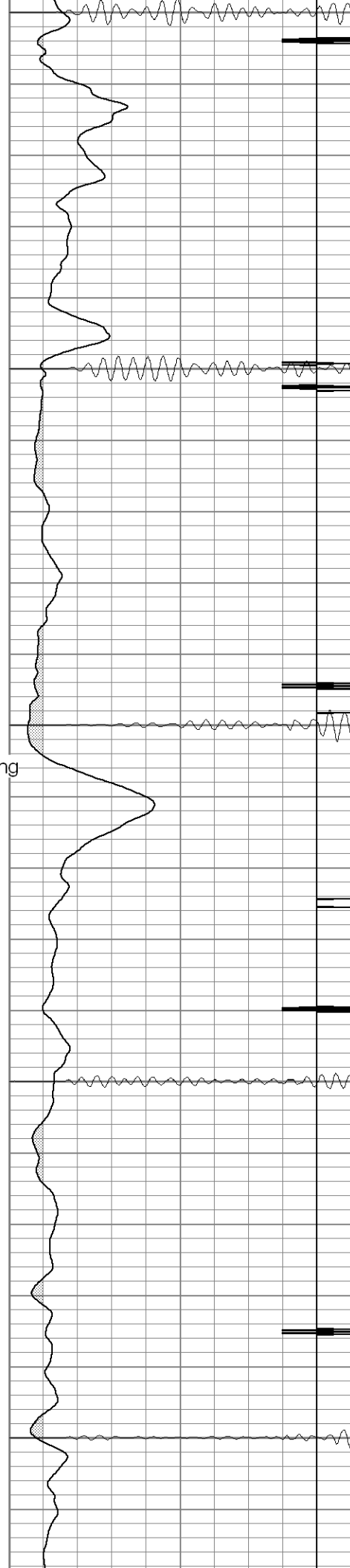
450

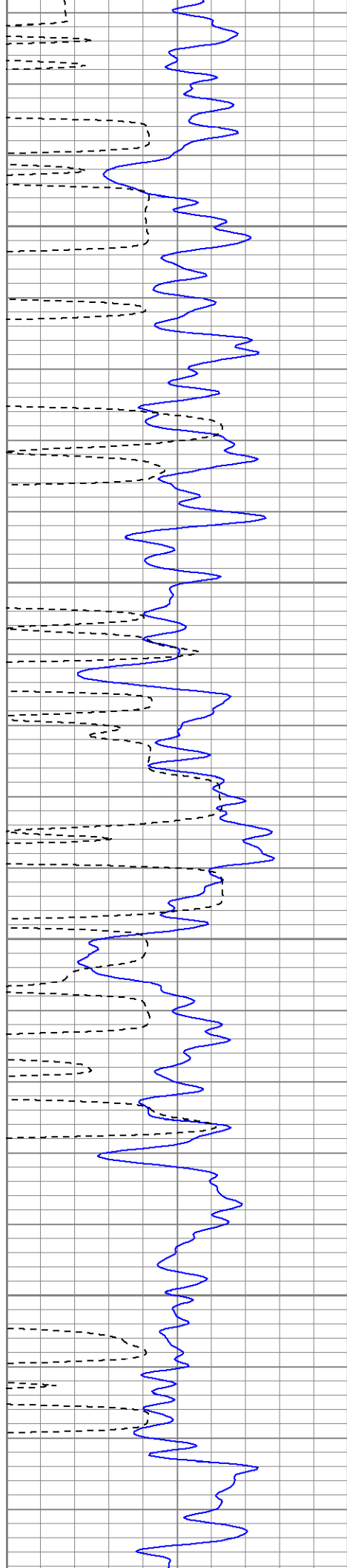
500

Surface Casing

550

600



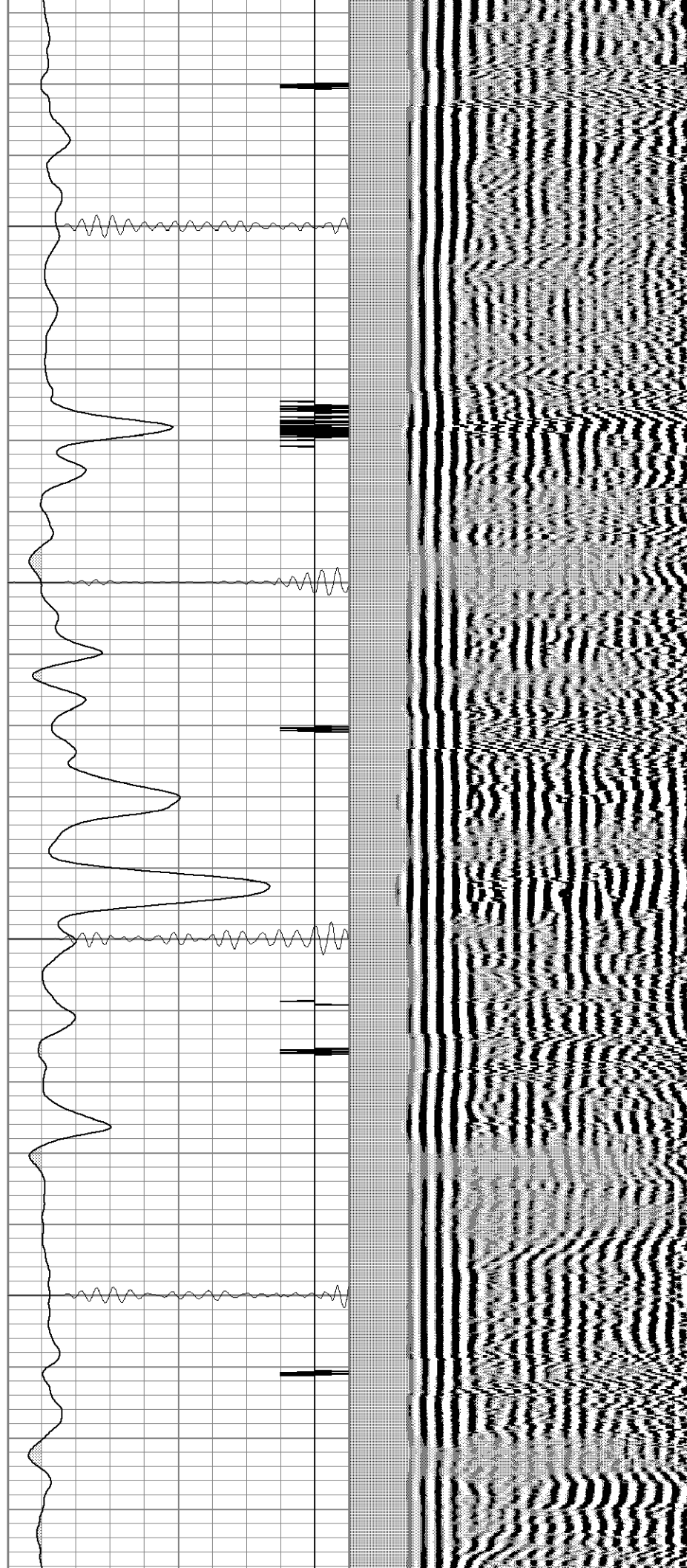


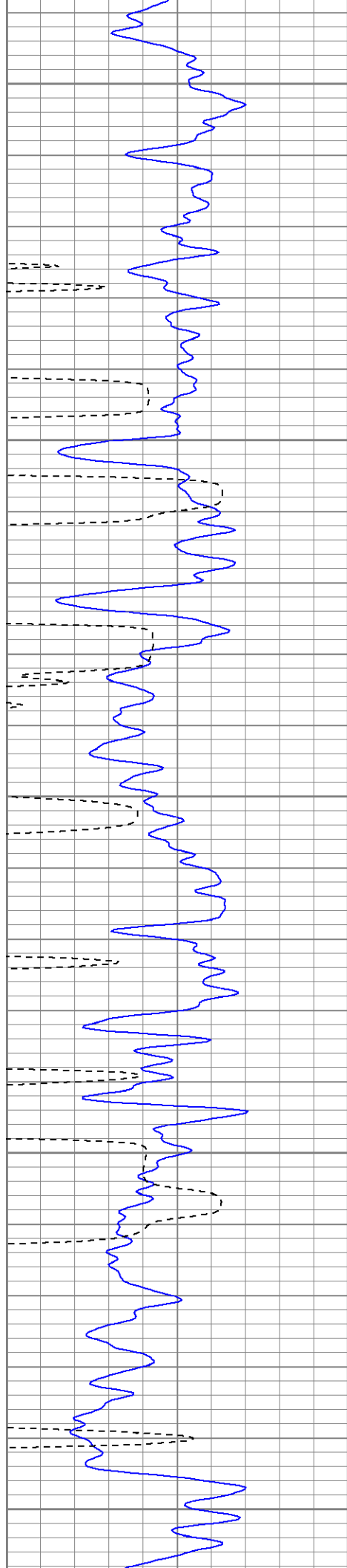
650

700

750

800





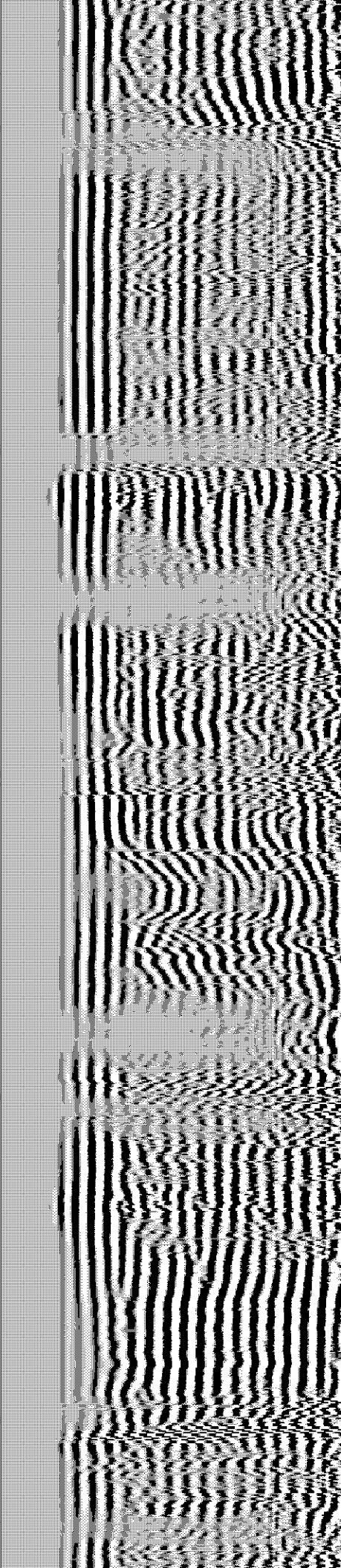
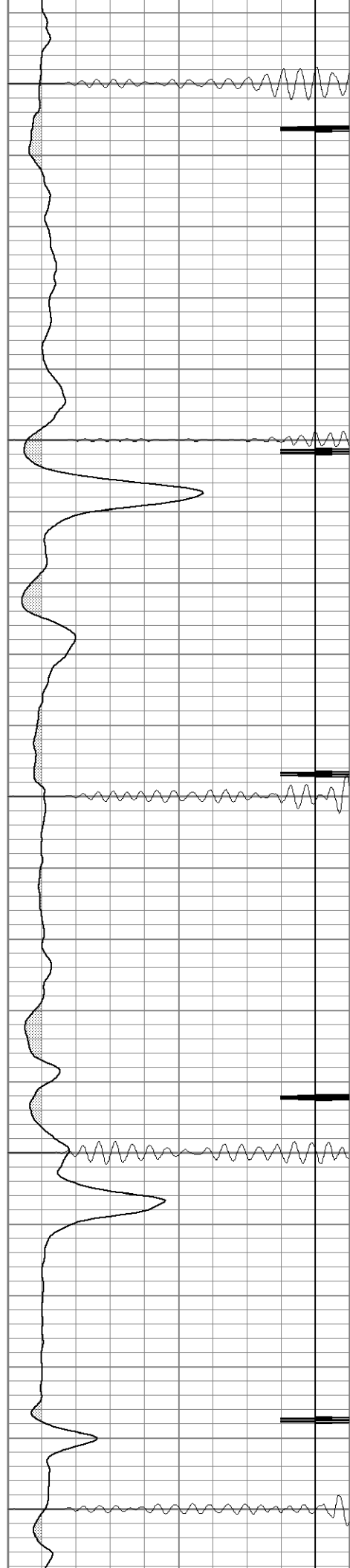
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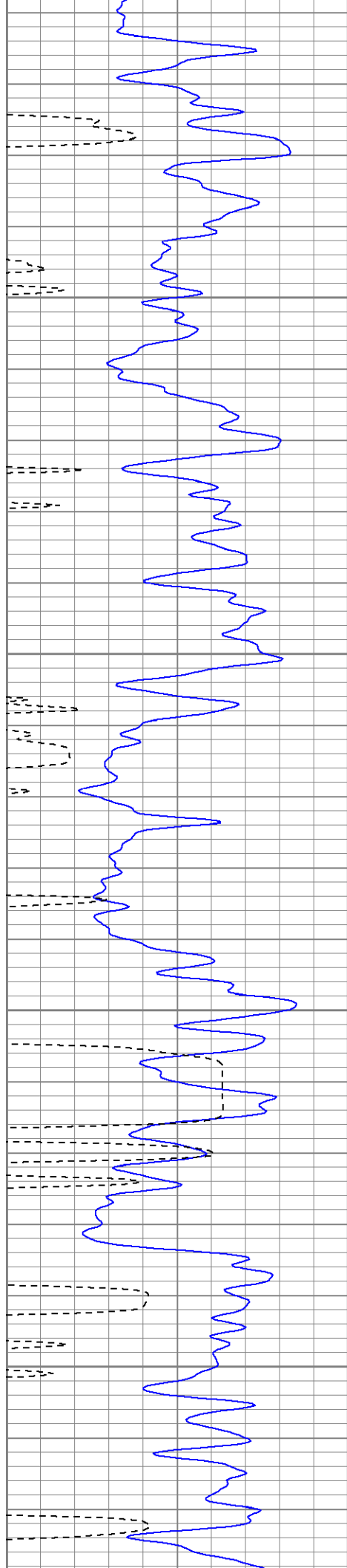
900

950

1000

1050



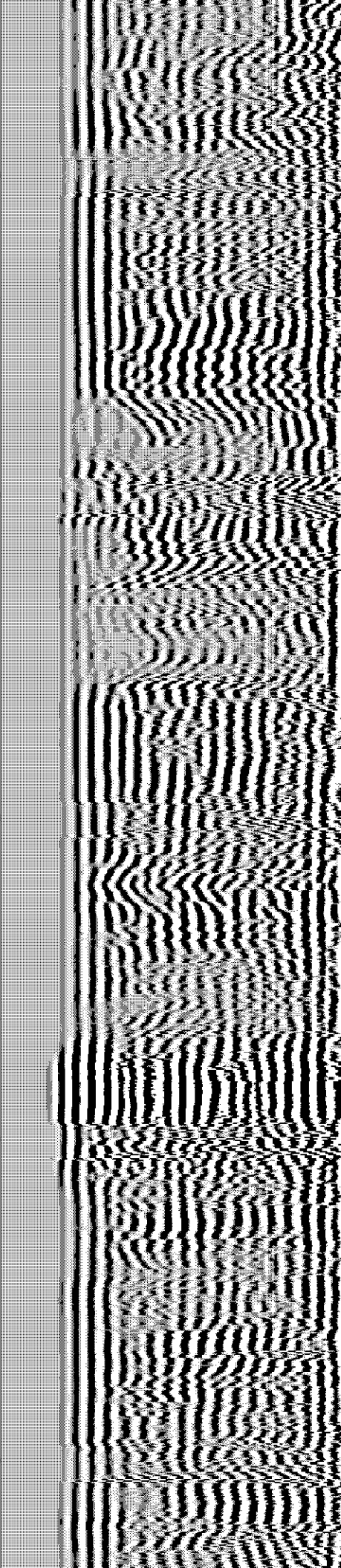
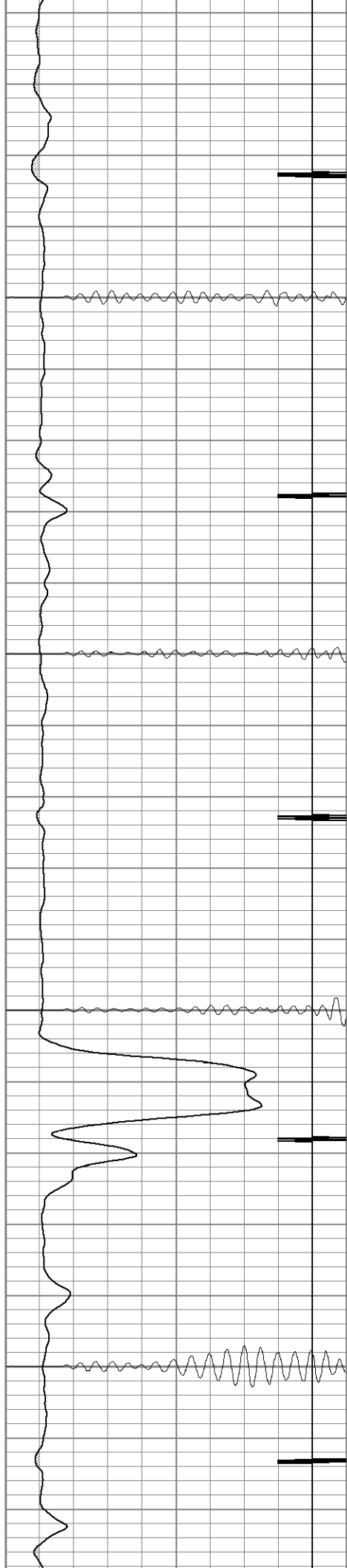


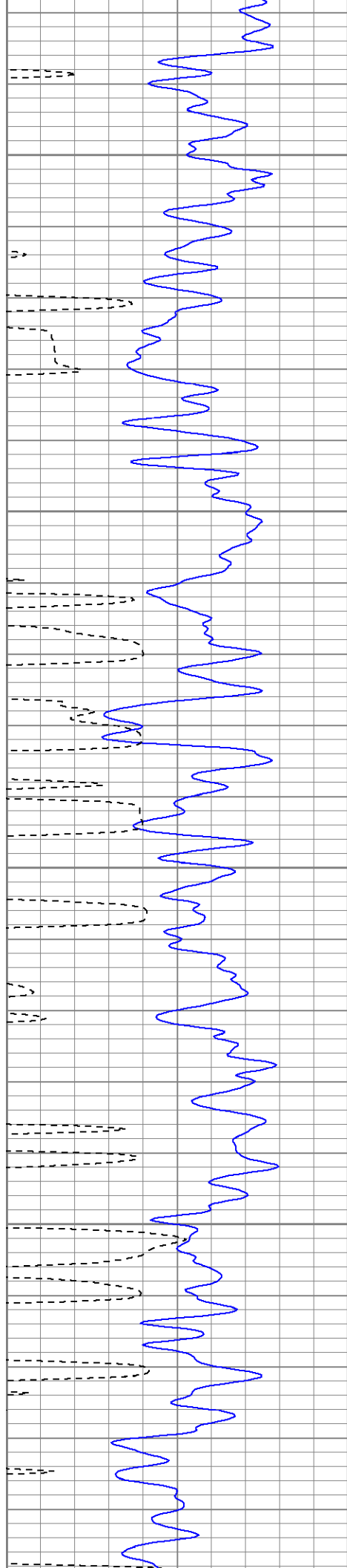
1100

1150

1200

1250



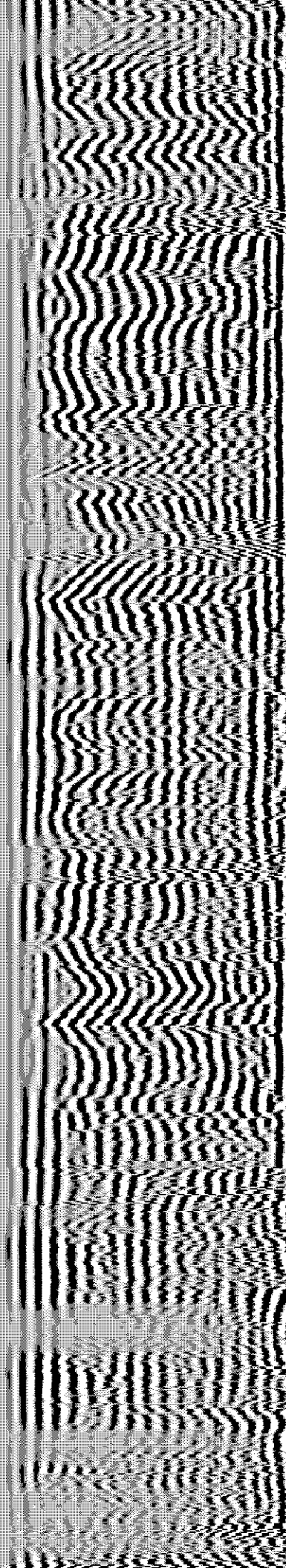
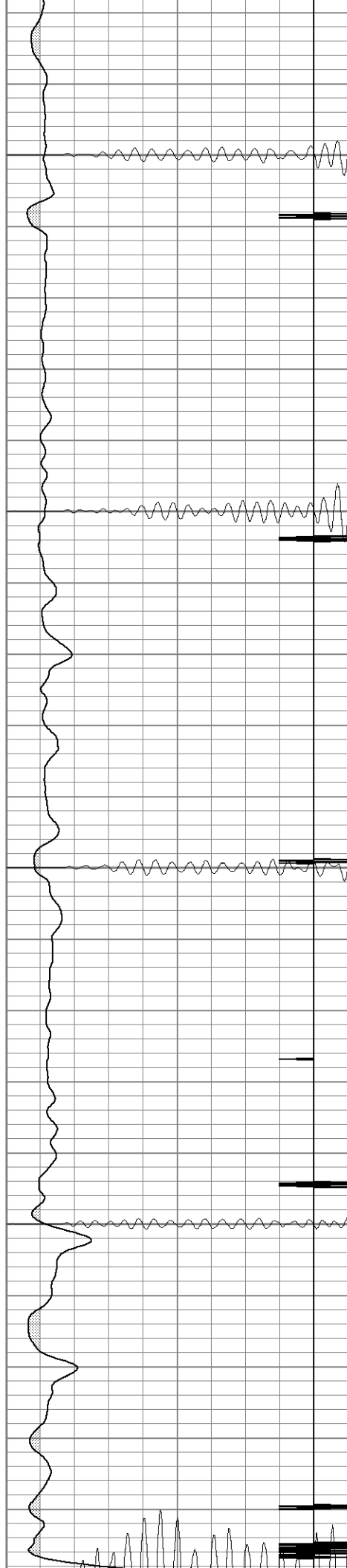


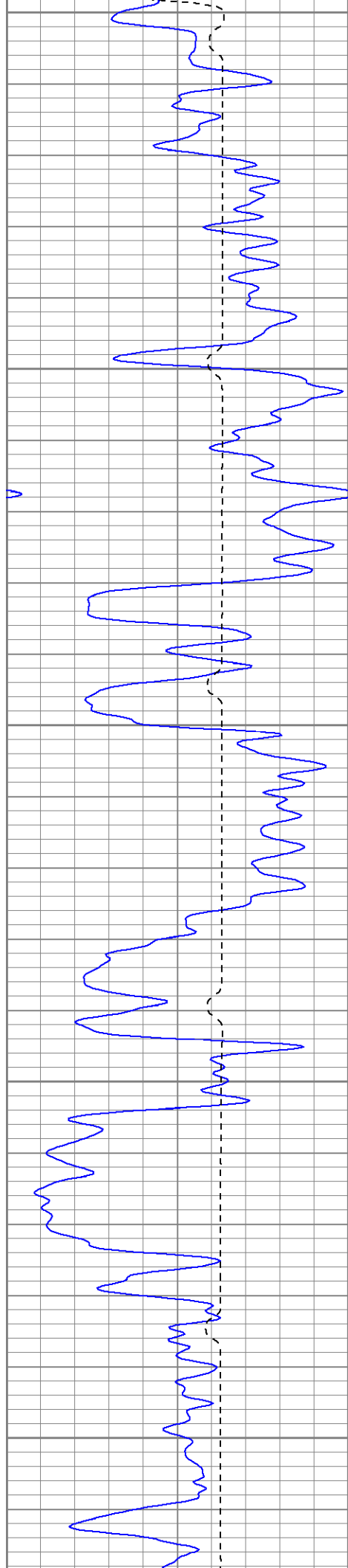
1300

1350

1400

1450





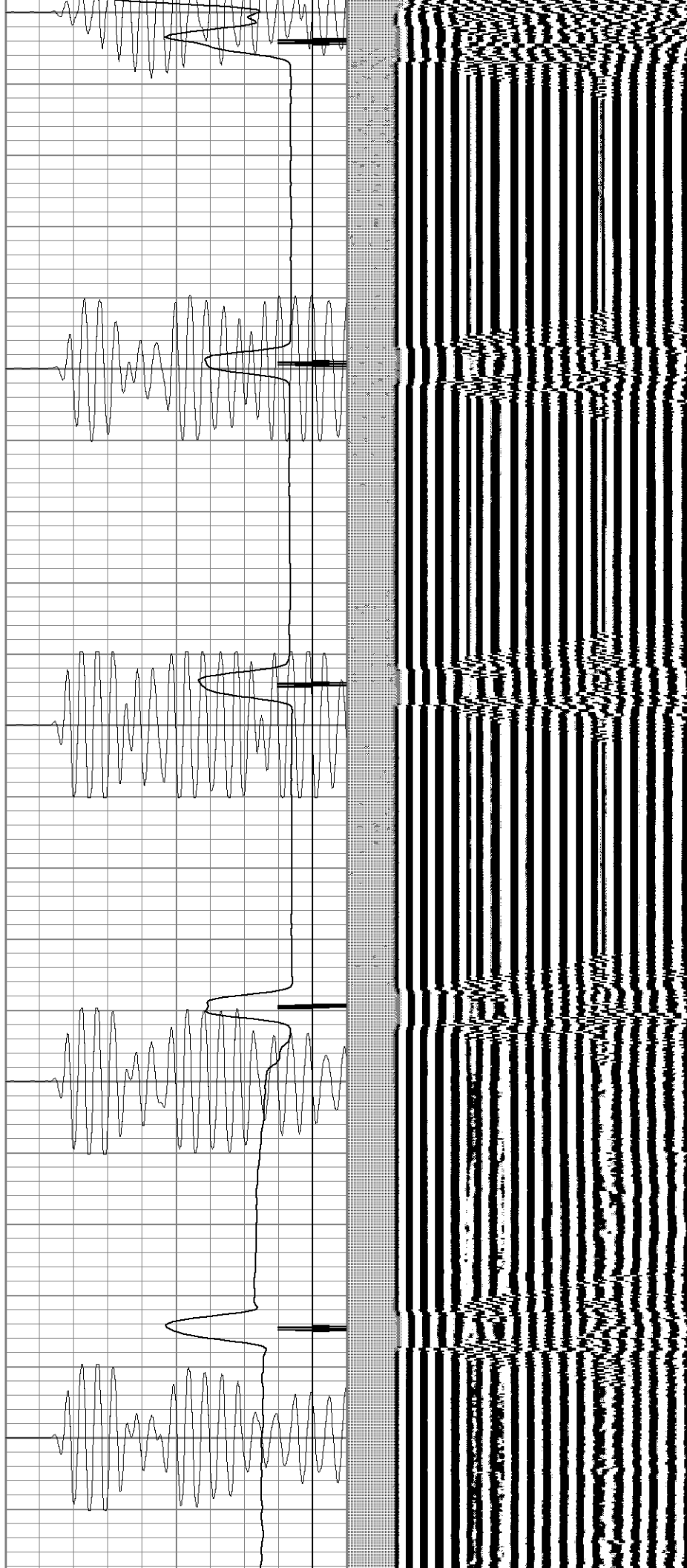
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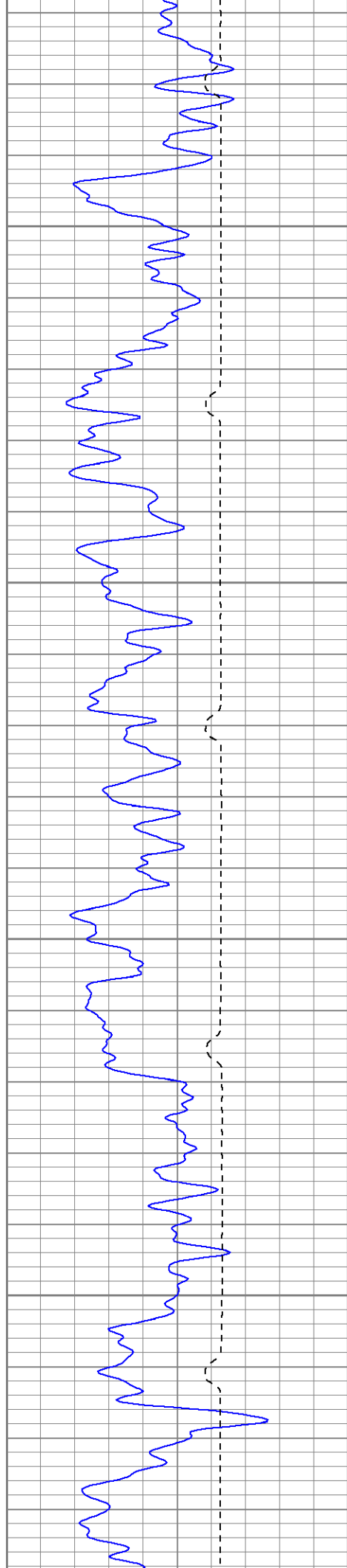
1550

1600

1650

1700



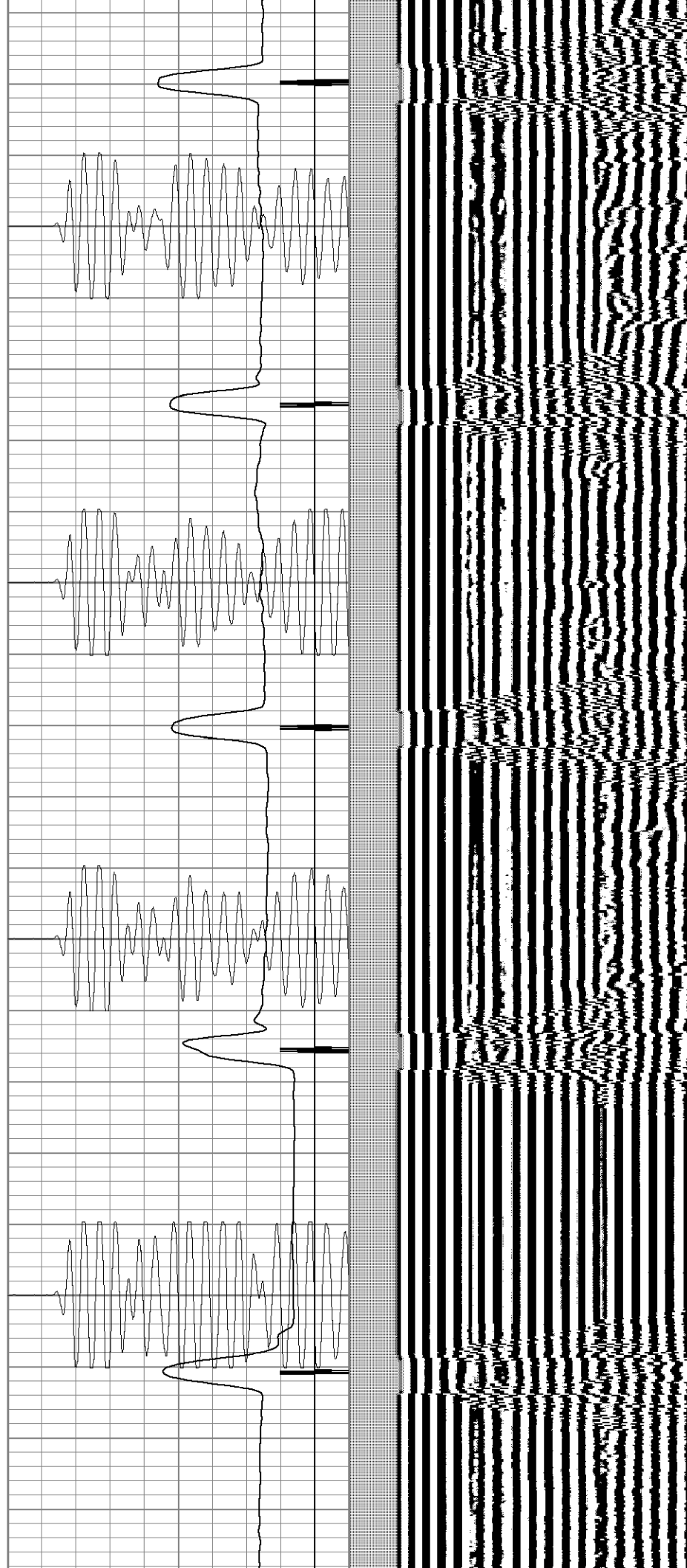


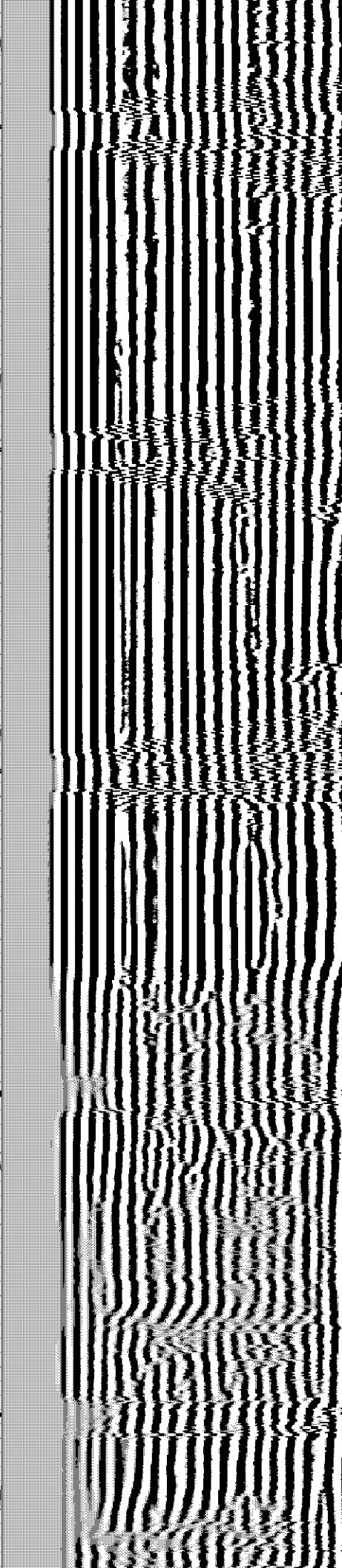
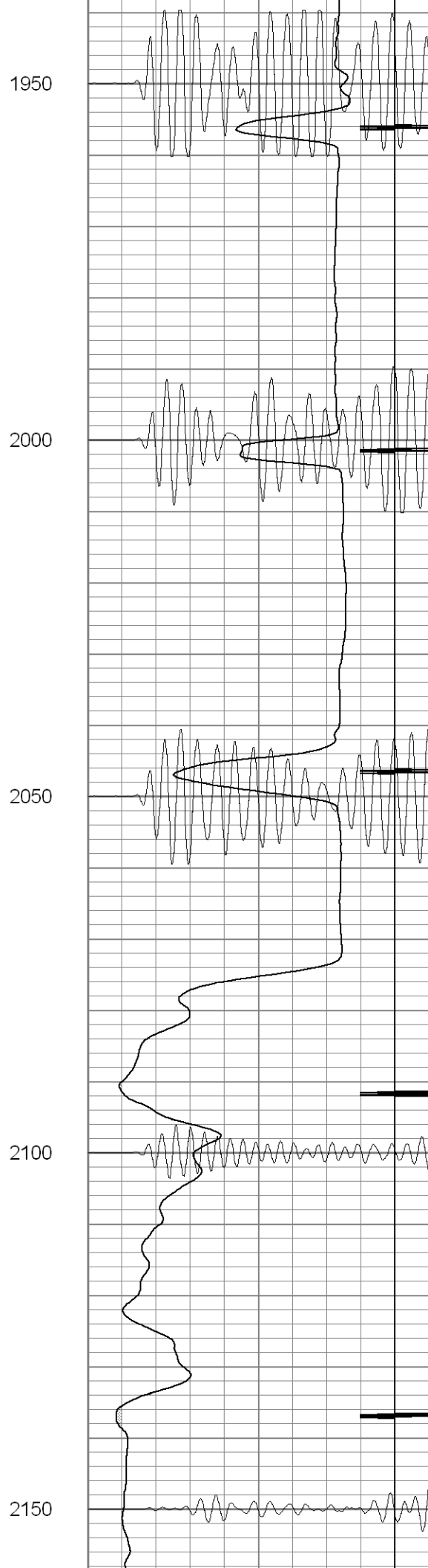
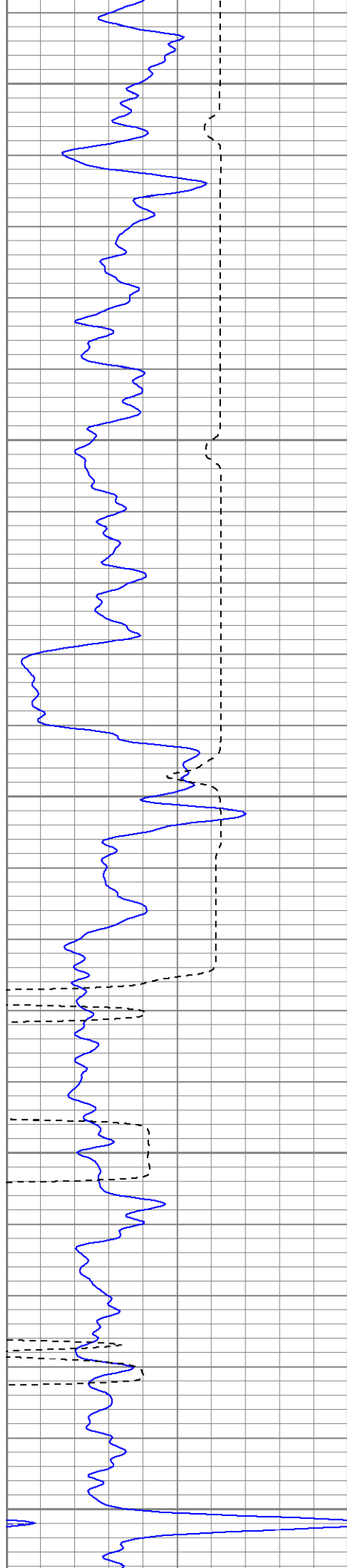
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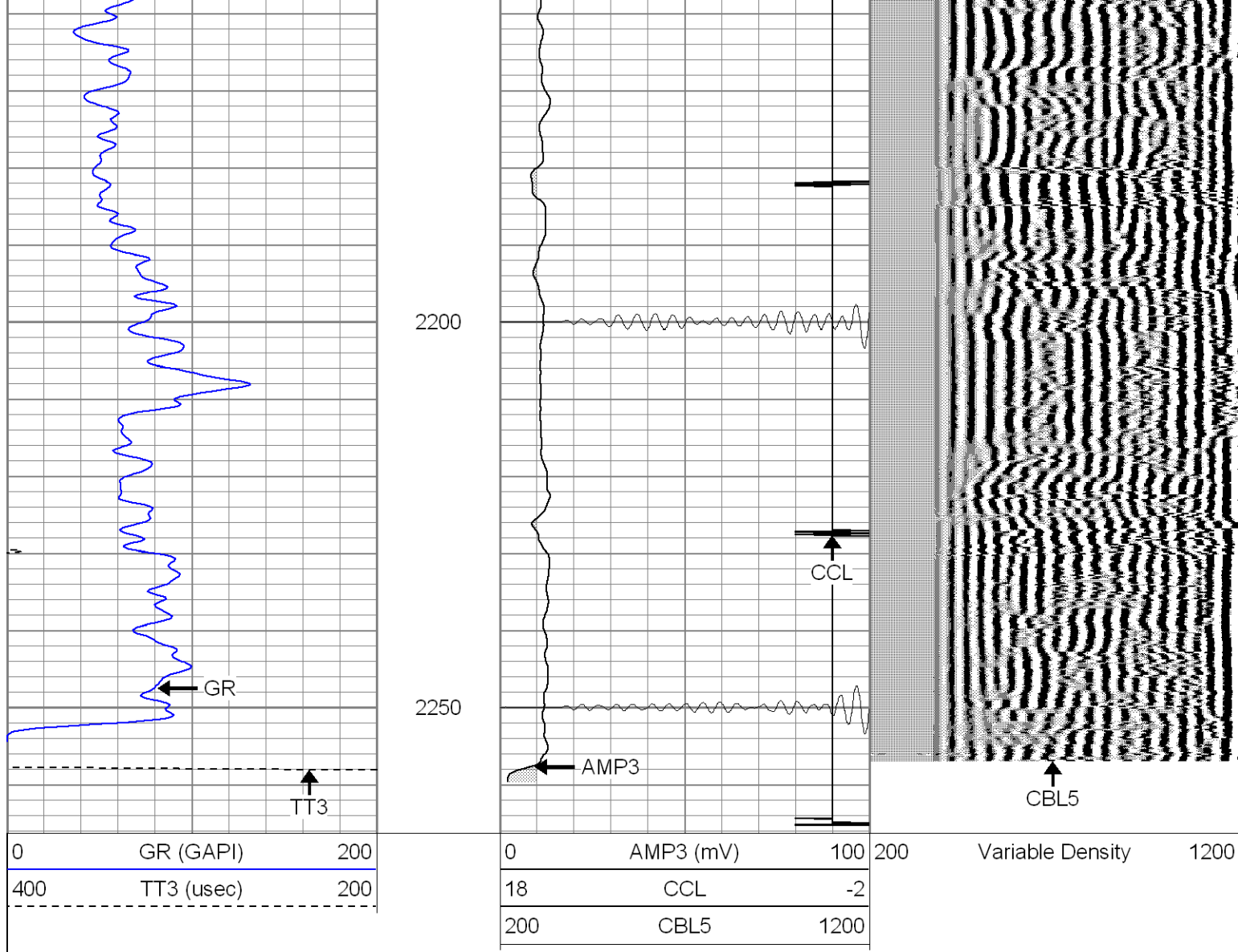
1800

1850

1900





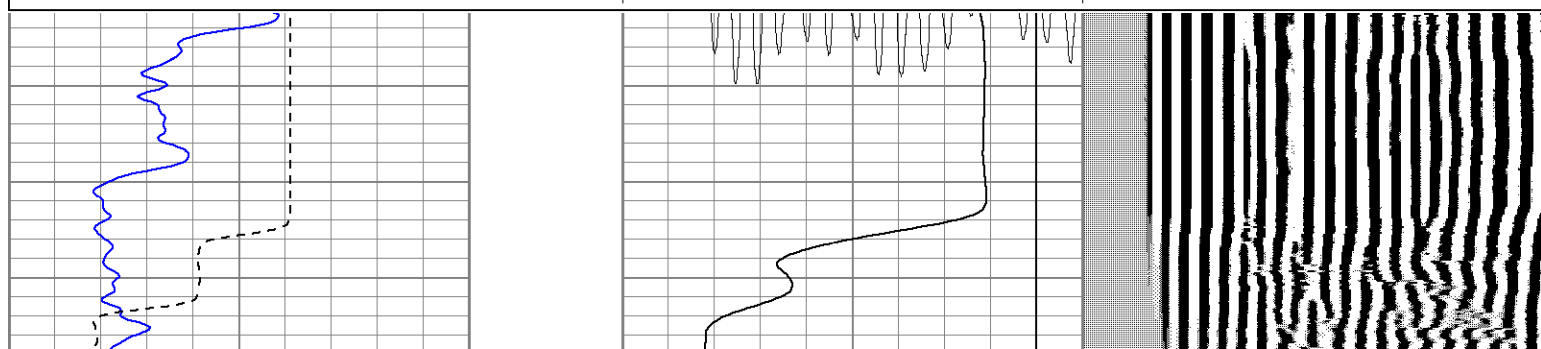
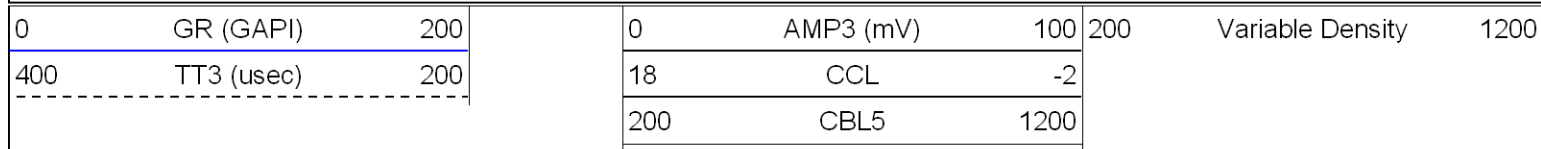


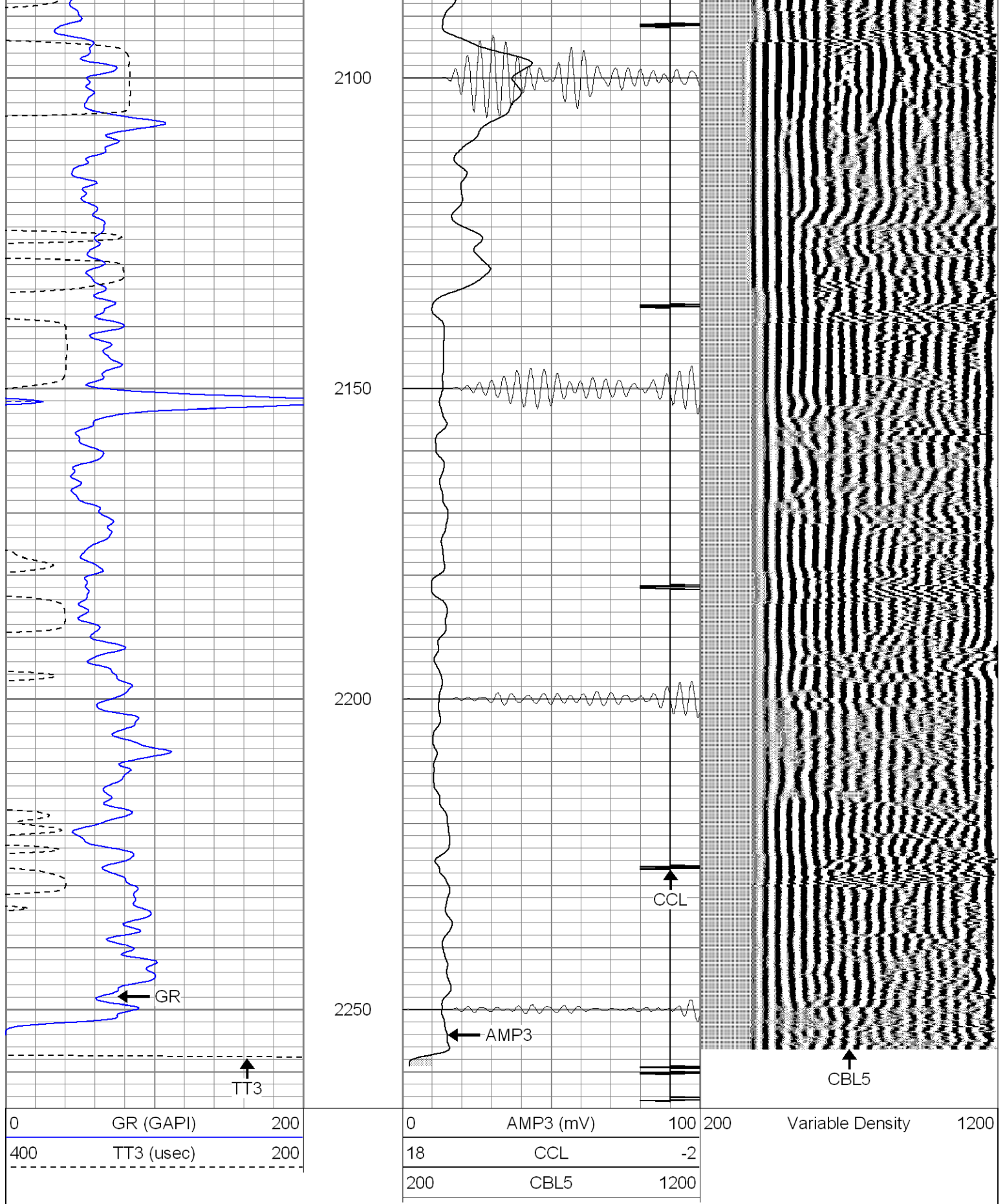
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Repeat Section 0 PSI

Database File: ac0404081808b.db
Dataset Pathname: pass1
Presentation Format: cblrt
Dataset Creation: Mon Aug 18 15:14:43 2008 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:240





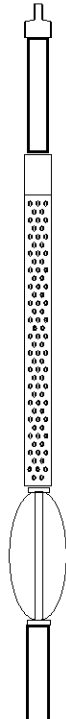
Calibration Report

Database File: ac0404081808b.db
 Dataset Pathname: pass1
 Dataset Creation: Mon Aug 18 15:14:43 2008 by Log Open-Cased 071220

Serial Number:	titan6		
Tool Model:	T6		
Performed:	Mon Aug 18 13:57:34 2008		
Depth:	192.018	ft	
Casing Diameter:	5.5	in	
	3' Spacing	5' Spacing	
Signal Zero:	0	0	mV
Calibrated Amplitude:	85	85	mV
Reading at Signal Zero:	-0.04	0.00493164	V
Reading in Free Pipe:	1.424	1.7512	V
Gain:	58.0601	48.6752	
Offset:	2.3224	-0.240049	

Gamma Ray Calibration Report

Serial Number:	titan6	
Tool Model:	T6	
Performed:	Mon Aug 18 13:57:43 2008	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	1.0000	GAPI/cps

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)	
GR	13.64		None	0.75	1.50	5.00	
			GR-T6 (titan6)	2.52	2.44	25.00	
WVF5	9.49		CBL-T6 (titan6)	7.23	2.25	110.00	
WVF3	8.49						
CCL	0.83		X	3.00	1.69	25.00	
			CCL-T6 (titan6) Long	2.15	2.75	15.00	

Dataset:	ac0404081808b.db: field/well/run1/pass1
Total Length:	15.66 ft
Total Weight:	180.00 lb
O.D.	2.75 in