



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

CEMENT BOND LOG

Company XTO Energy Inc.
Well Hill Ranch 01-12
Field Purgatoire River
County Las Animas State Colorado

Location: API # : 05 071 09562 00

2314' FSL & 645' FWL

SEC 01 TWP 35S RGE 68W

Permanent Datum Ground Level Elevation 8659'
Log Measured From Ground Level
Drilling Measured From Ground Level

Other Services
TEMP
Elevation
K.B. -----
D.F. -----
G.L. 8659'

Date 4-15-09

Run Number	One		
Depth Driller	2275'		
Depth Logger	1924'		
Bottom Logged Interval	1920'		
Top Log Interval	Surface		
Open Hole Size	7 7/8"		
Type Fluid	Water		
Density / Viscosity	///		
Max. Recorded Temp.	118 DEG F		
Estimated Cement Top	Surface		
Time Well Ready	4:00 P.M.		
Time Logger on Bottom	4:19 P.M.		
Equipment Number	T697		
Location	Trinidad		
Recorded By	J.Cappellucci		
Witnessed By	Mr. E. Haught		

Borehole Record				Tubing Record			
Bit	From	To	Size	Weight	From	To	

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8 5/8"		00	454'
Prot. String				
Production String	5 1/2"		00	1930'
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

Well Directions:
Lorencito, take door # 6 to top of hill, stay on main road past trash dumpster, stay straight, at Y stay left, stay on main road, at beige tank stay right, at big rocks take left, end on fifth location on bottom of hill.

Repeat Section (0 PSI)
Main Pass (1000 PSI)

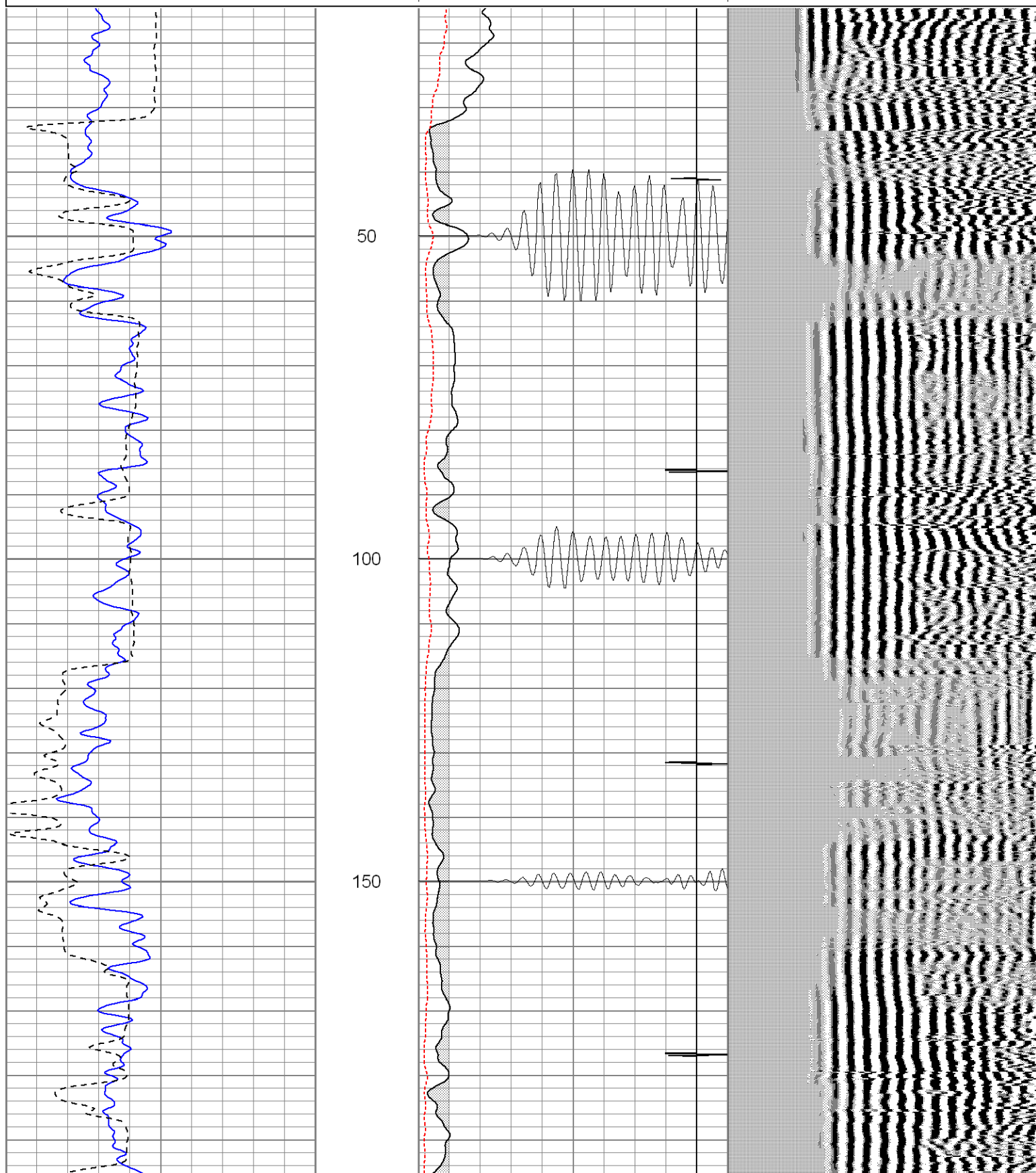


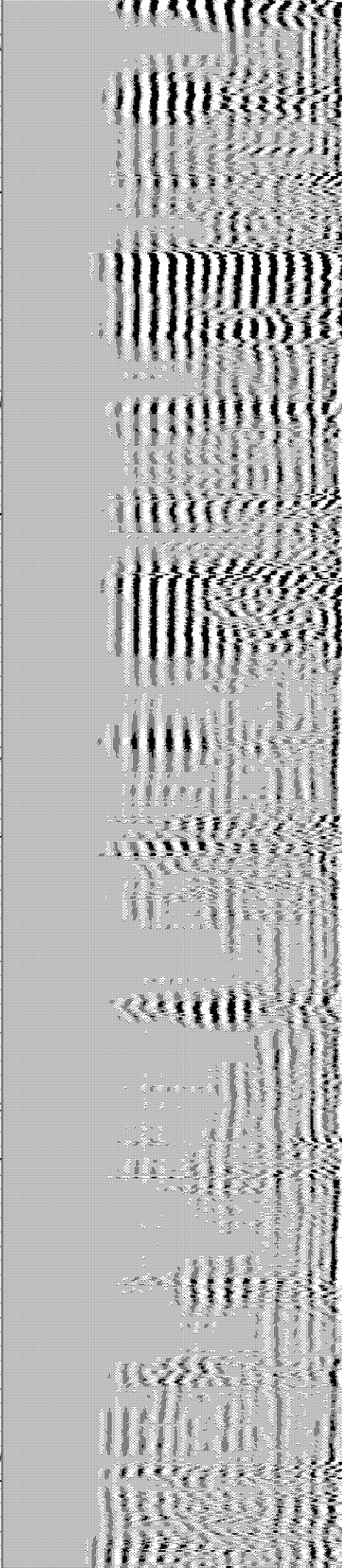
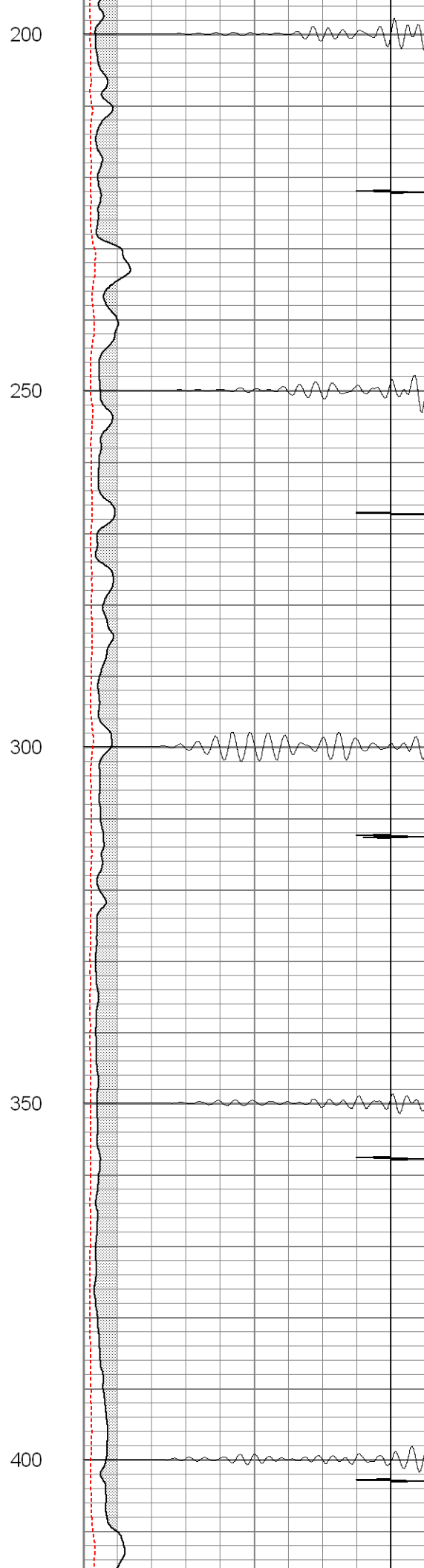
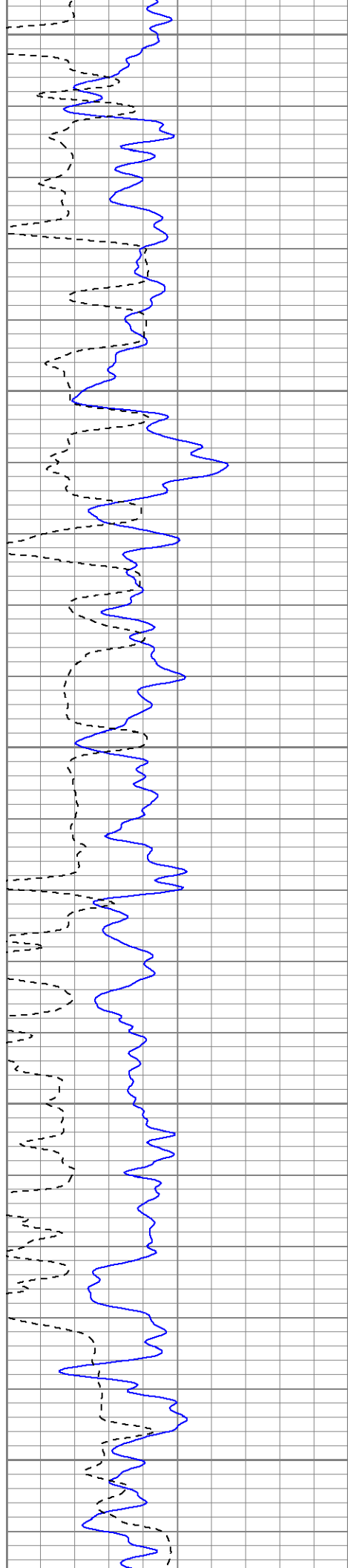
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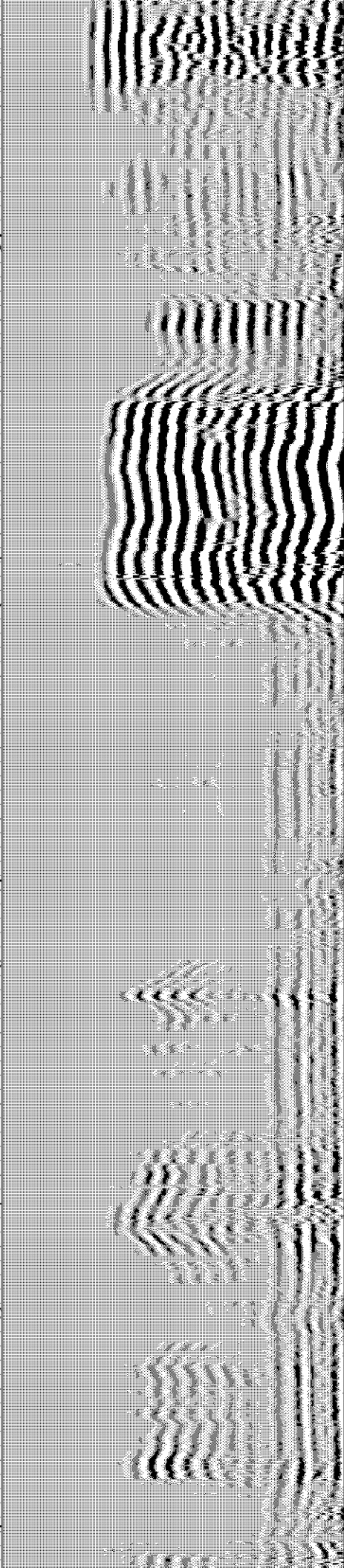
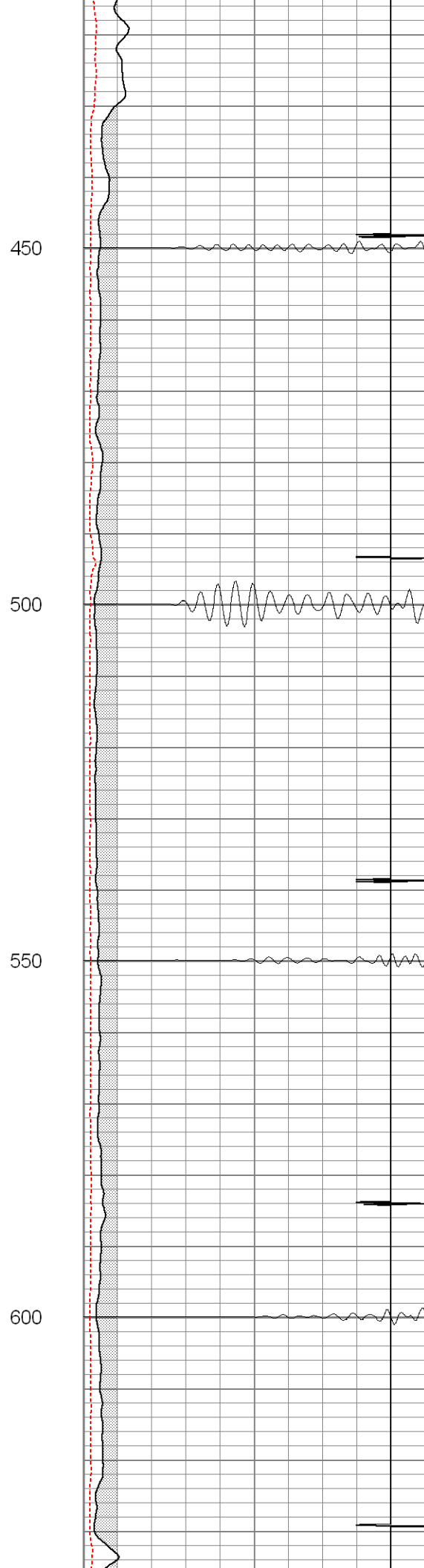
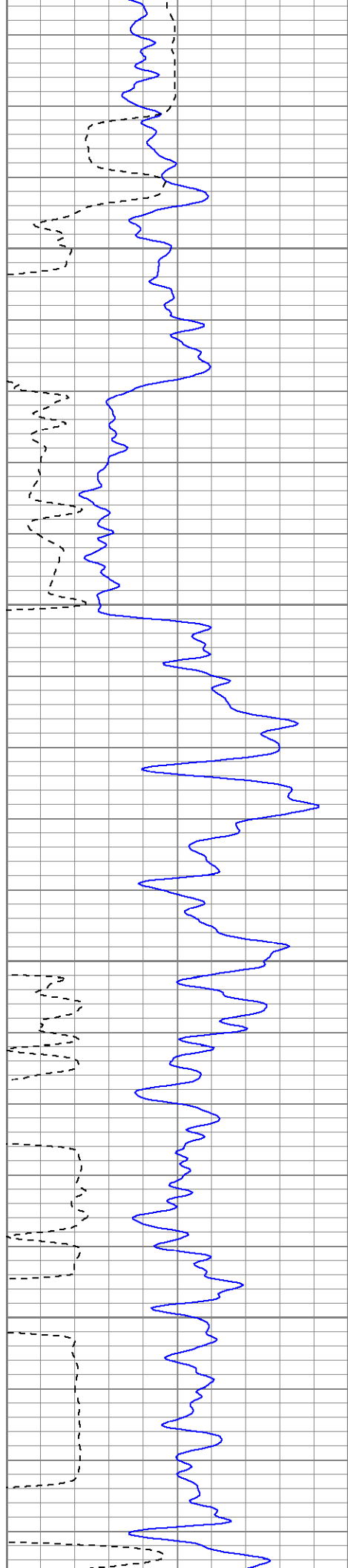
1000 PSI

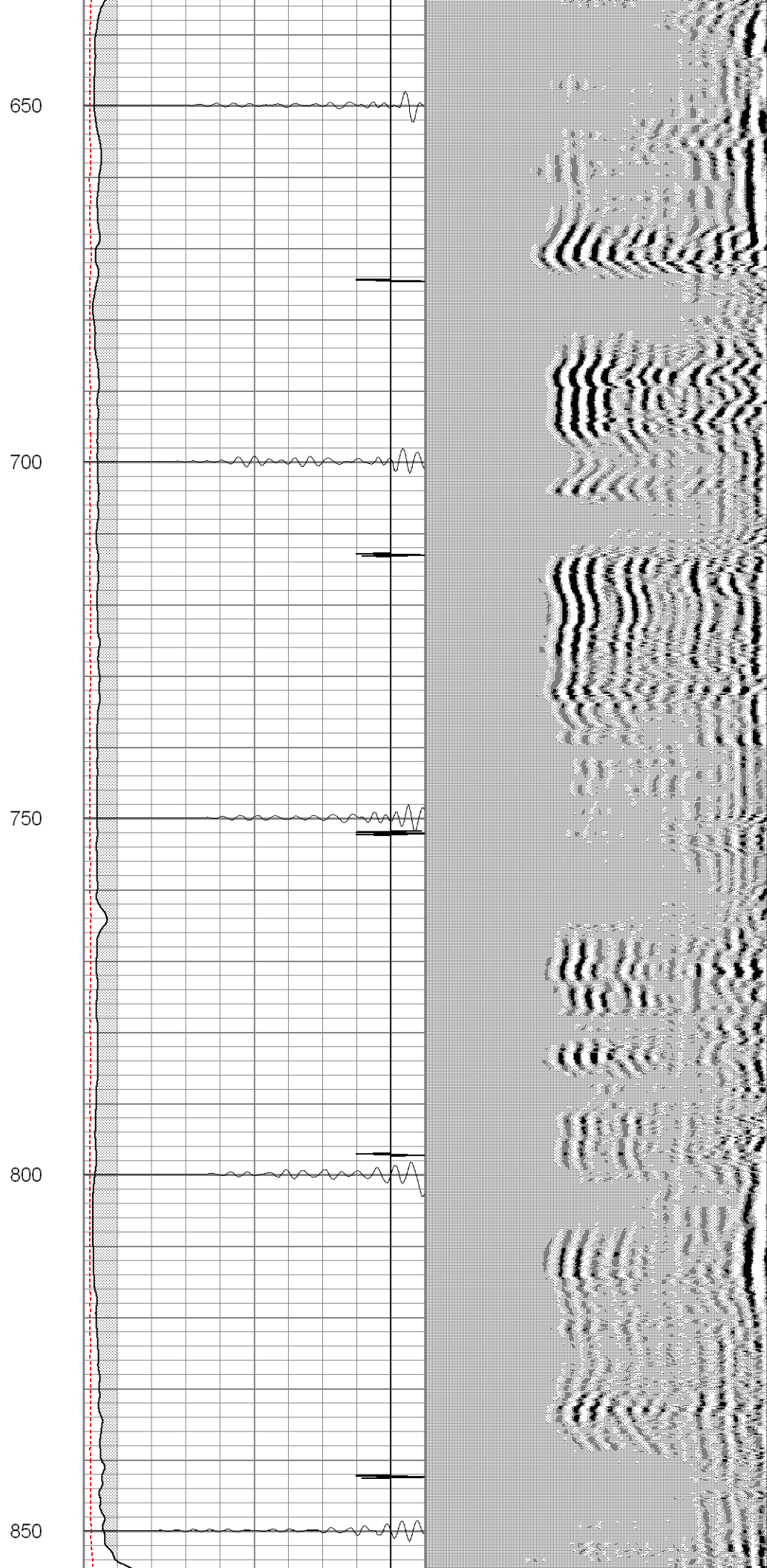
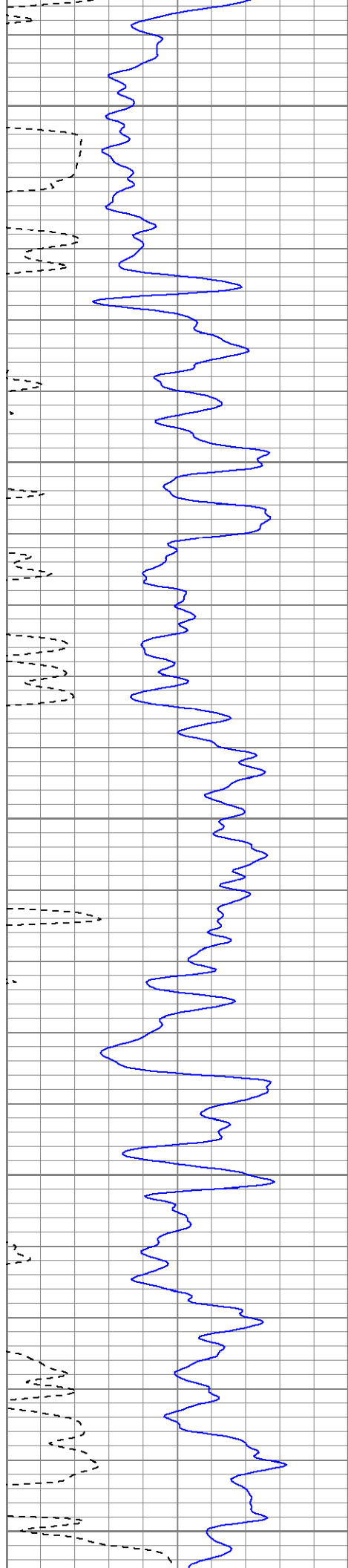
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Dataset Creation: Wed Apr 15 17:09:52 2009 by Calc Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

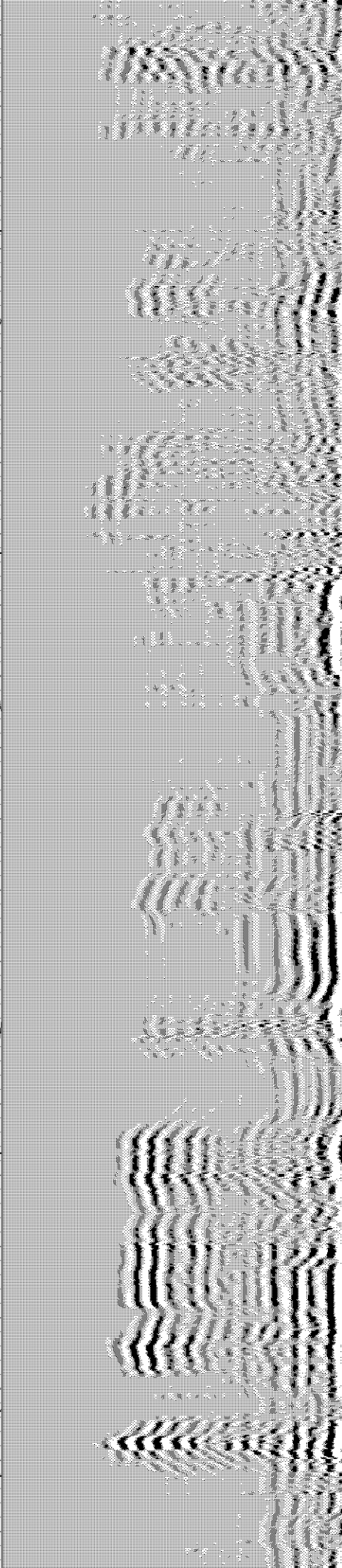
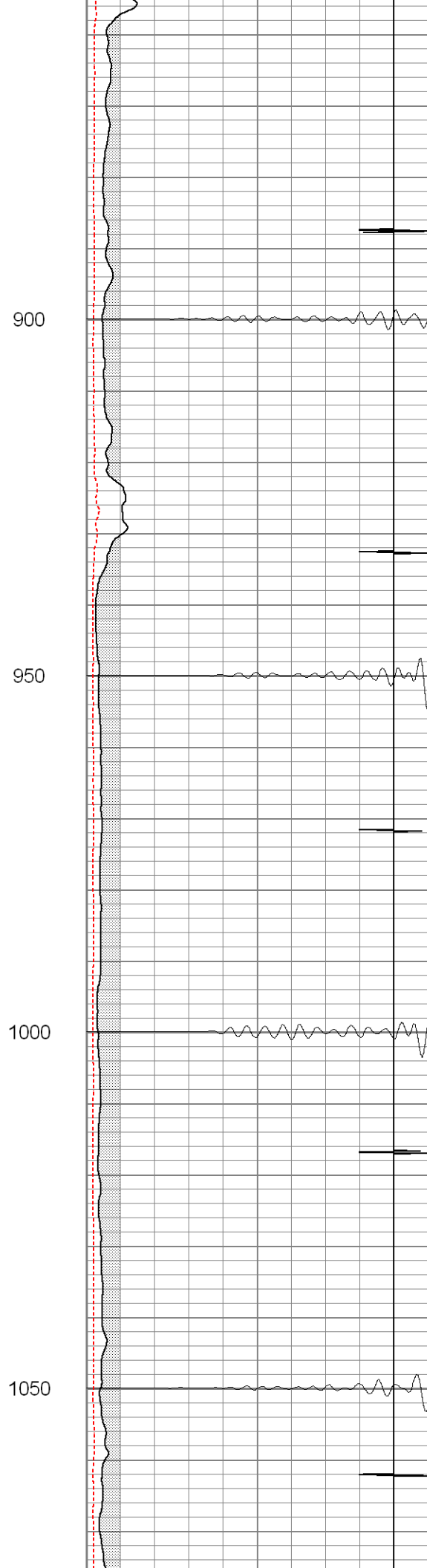
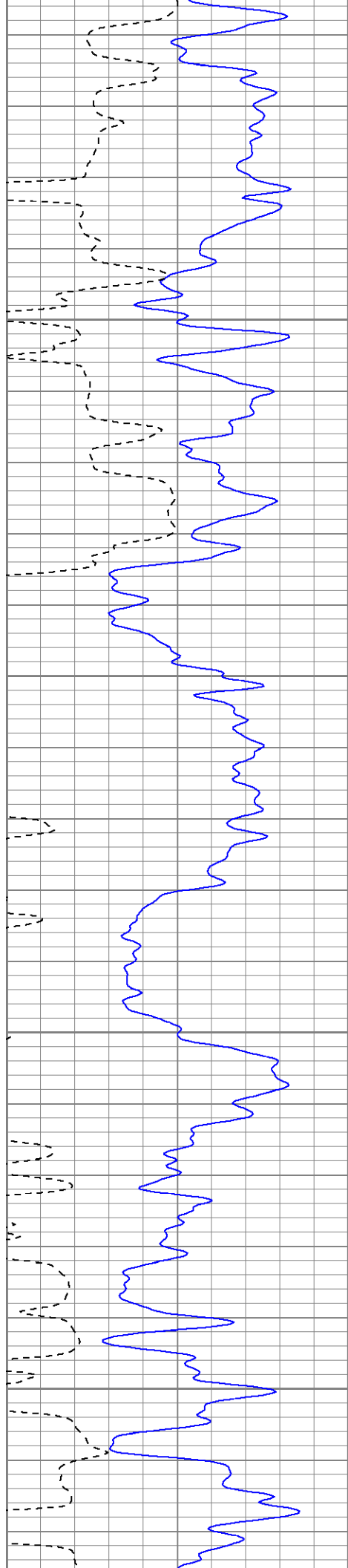
0	GR (GAPI)	200	0	AMP3 (mV)	100	200	Variable Density	1200
400	TT3 (usec)	200	18	CCL	-2			
			200	CBL5	1200			
			0	AMP5 (mV)	100			

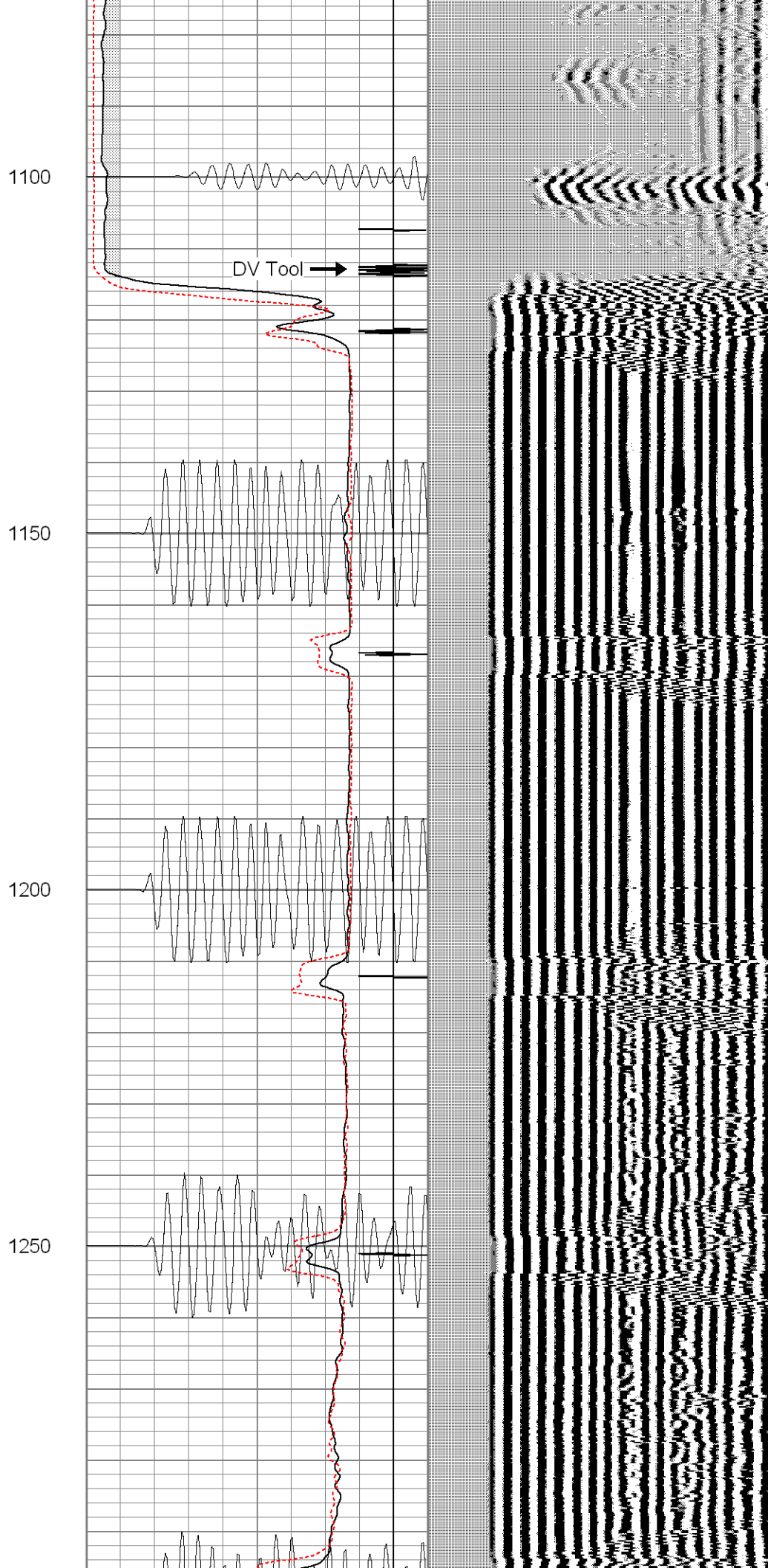
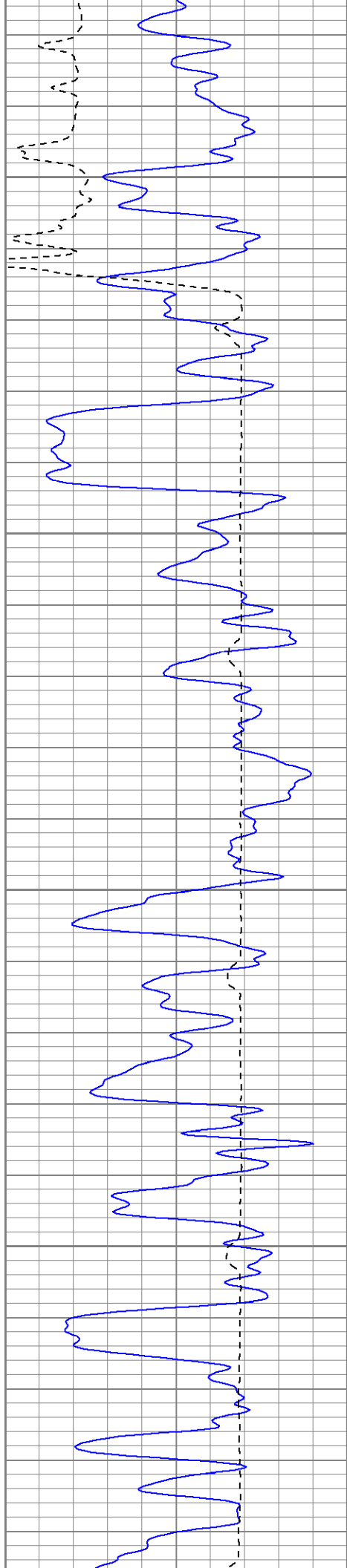


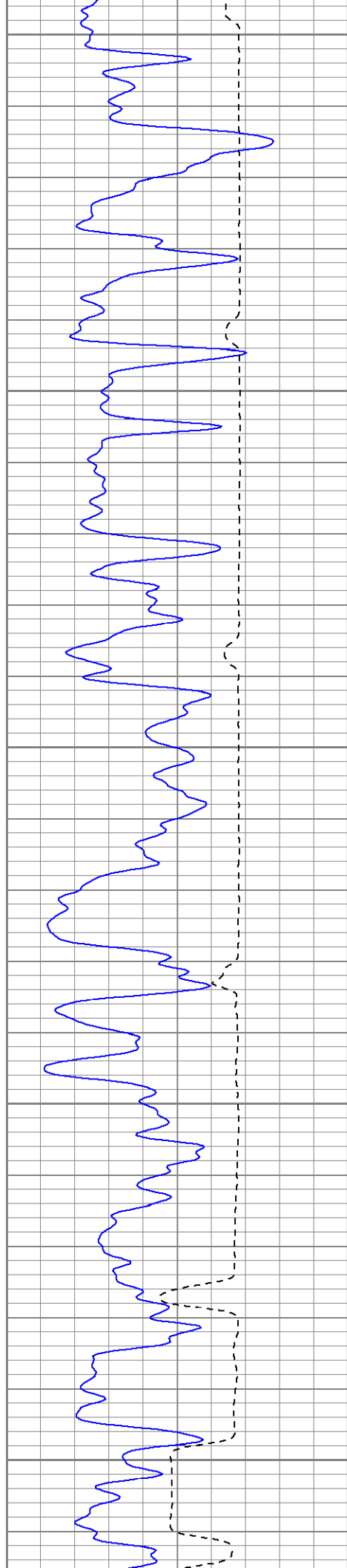












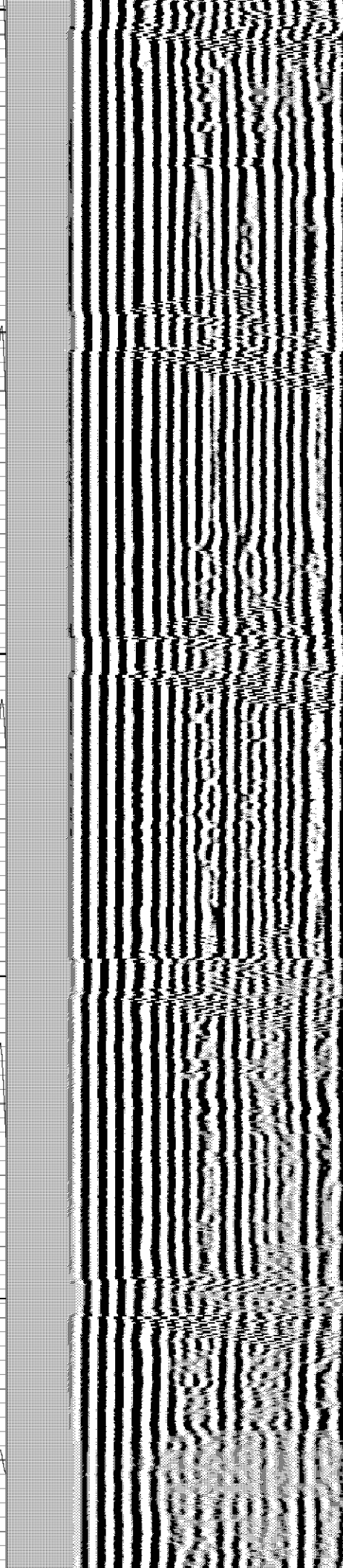
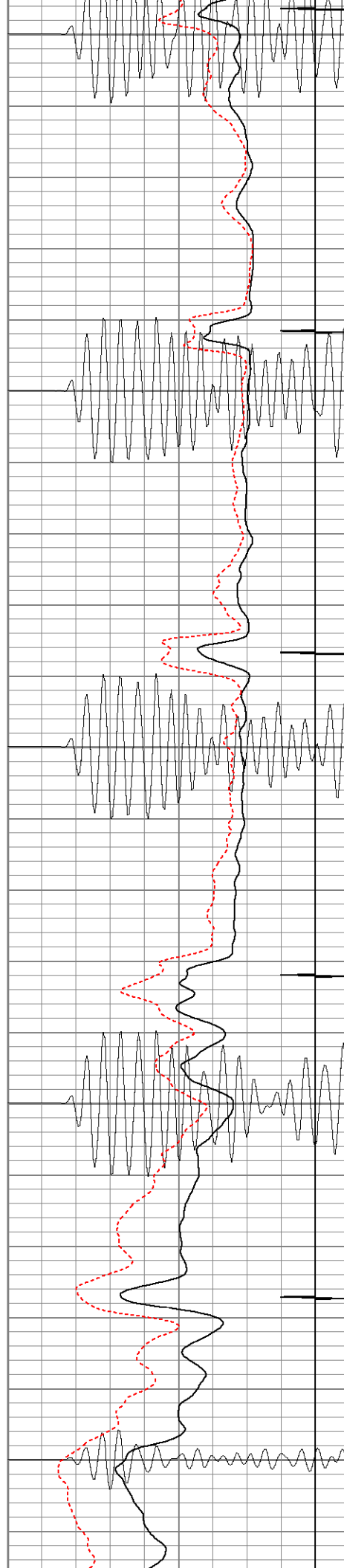
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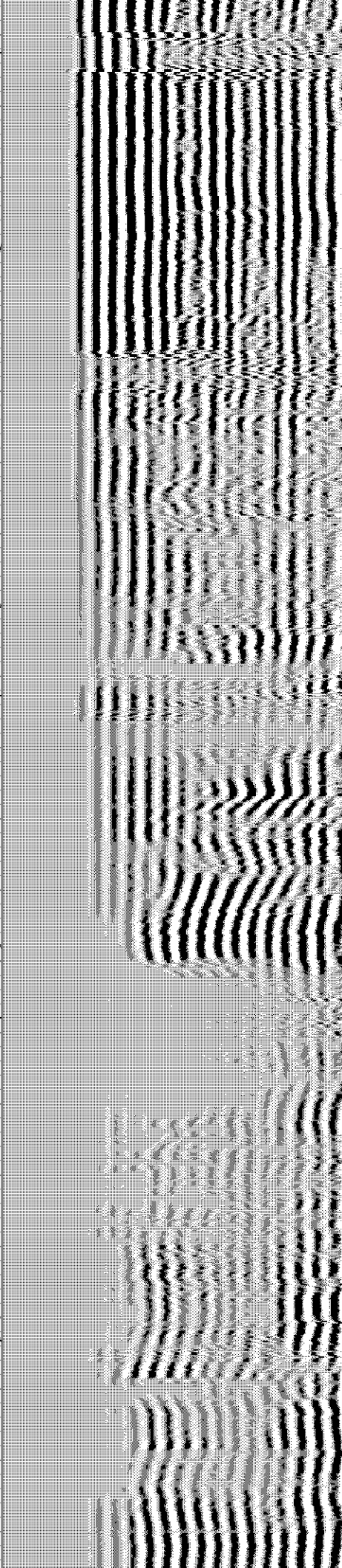
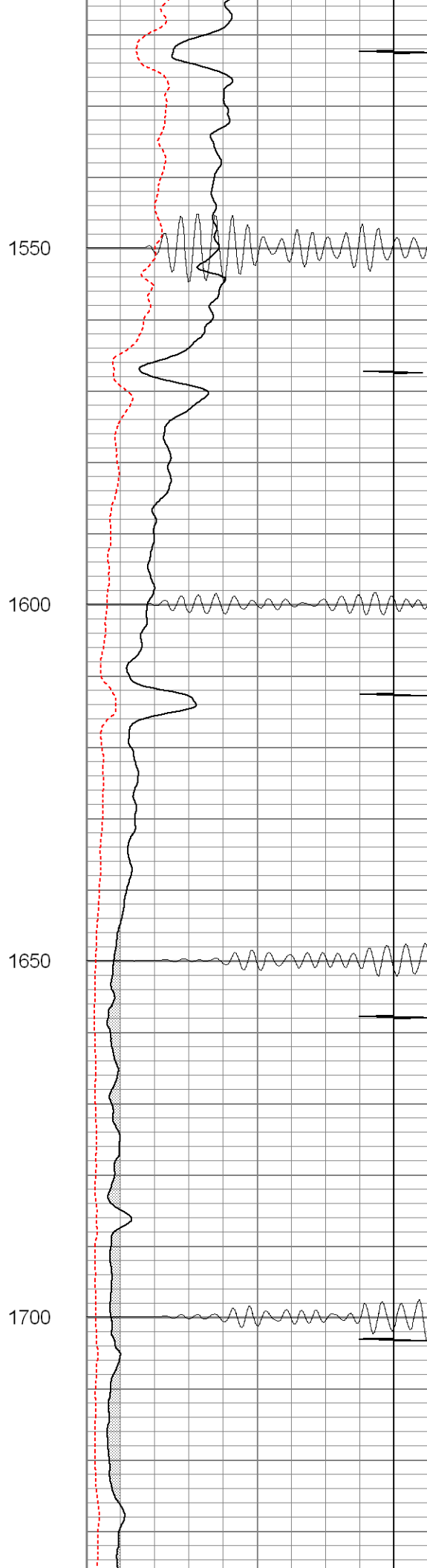
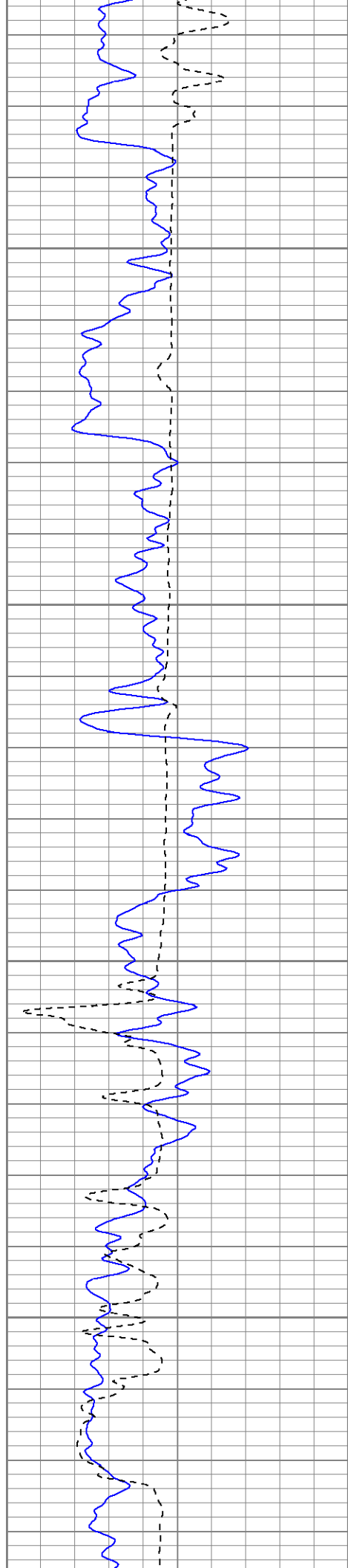
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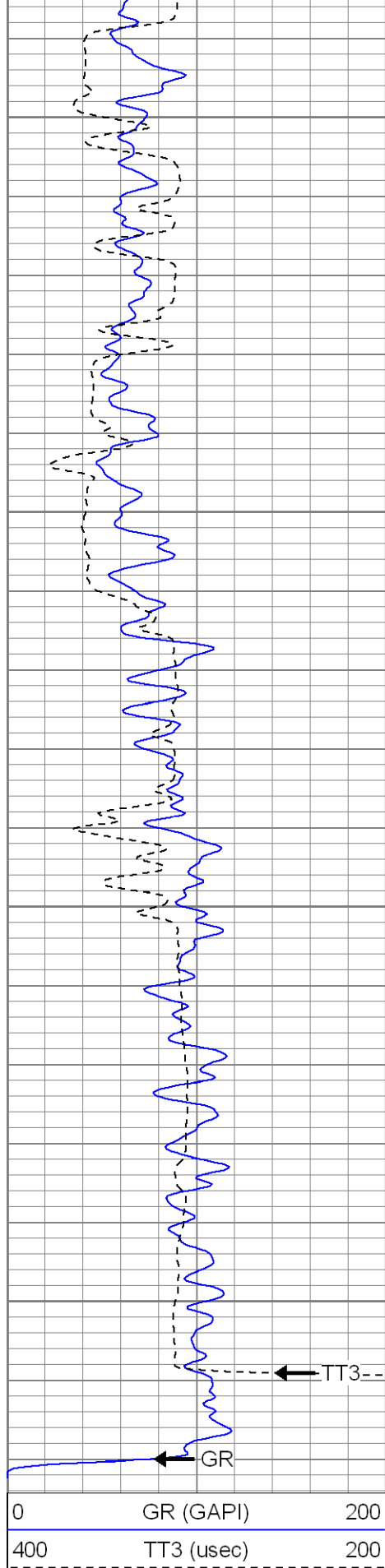
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1450

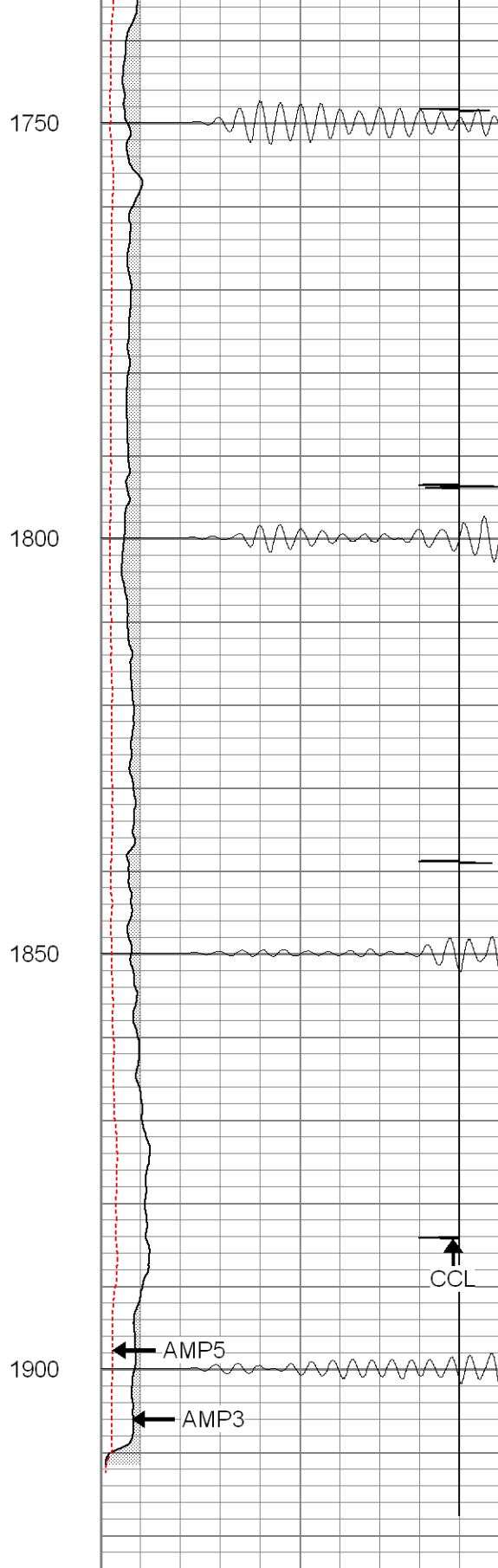
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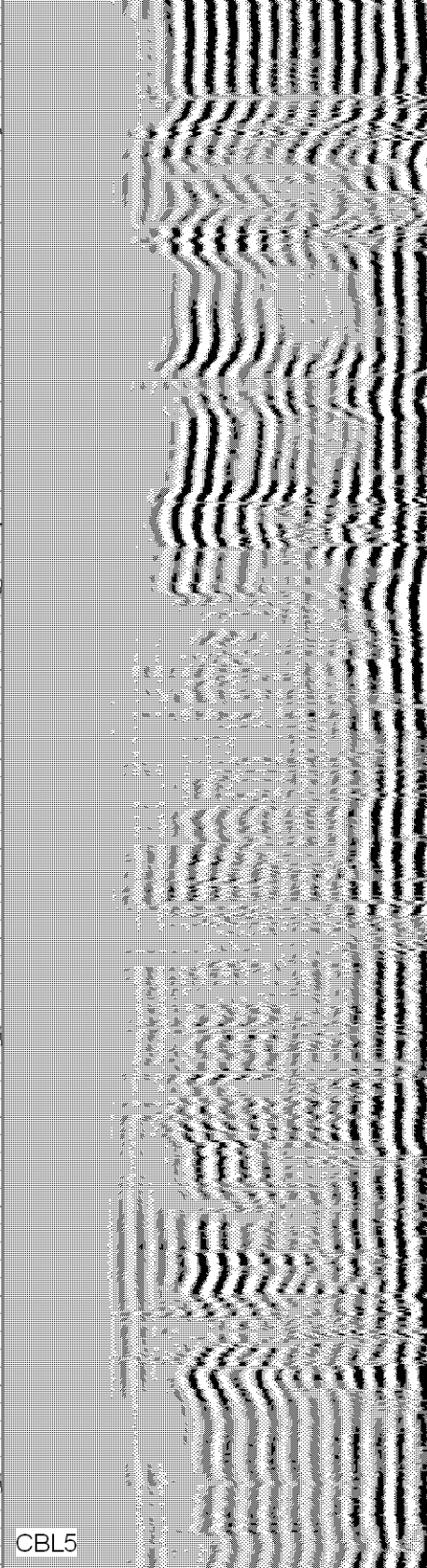




0	GR (GAPI)	200
400	TT3 (usec)	200



0	AMP3 (mV)	100
18	CCL	-2
200	CBL5	1200
0	AMP5 (mV)	100



200	Variable Density	1200
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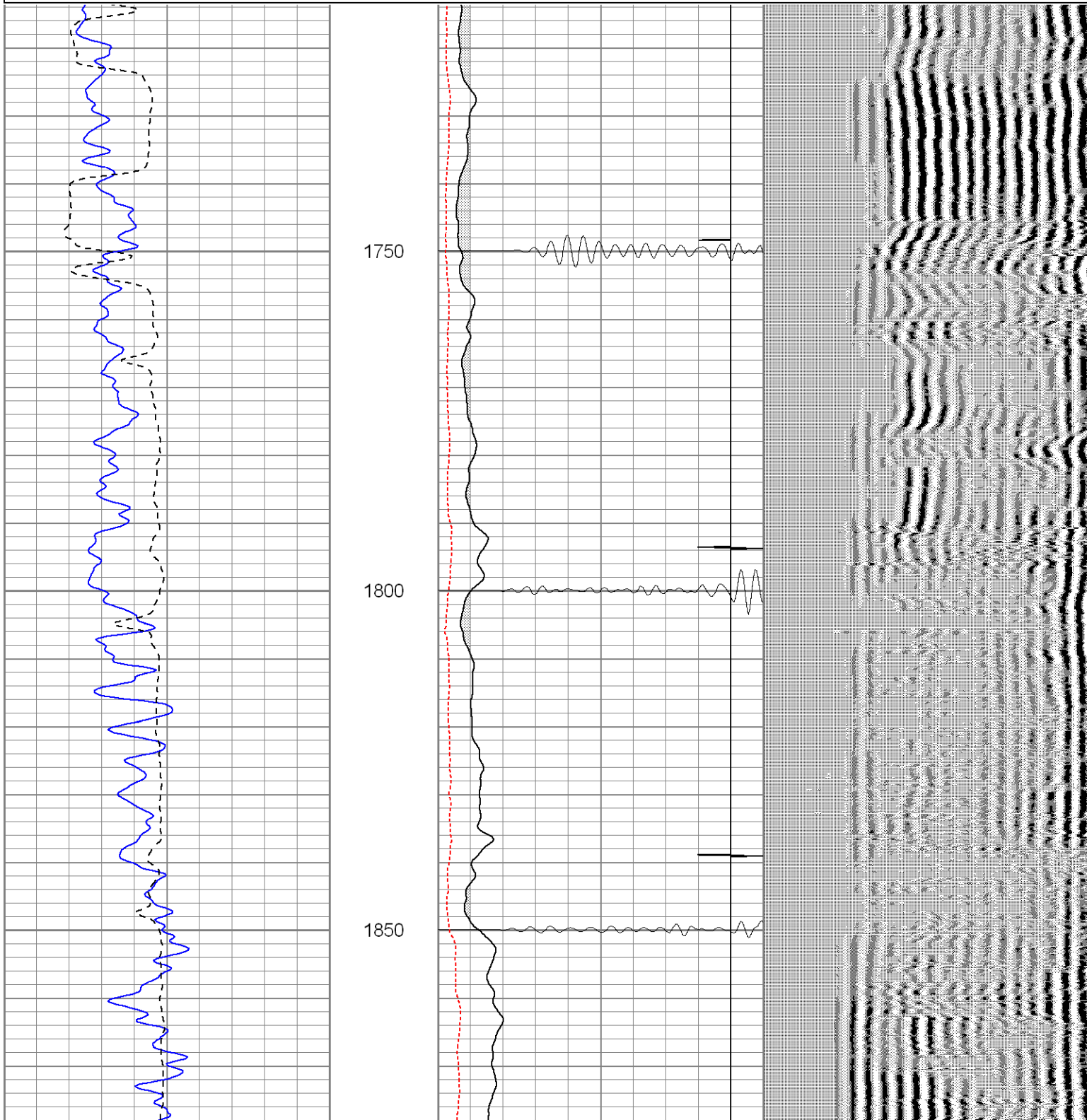
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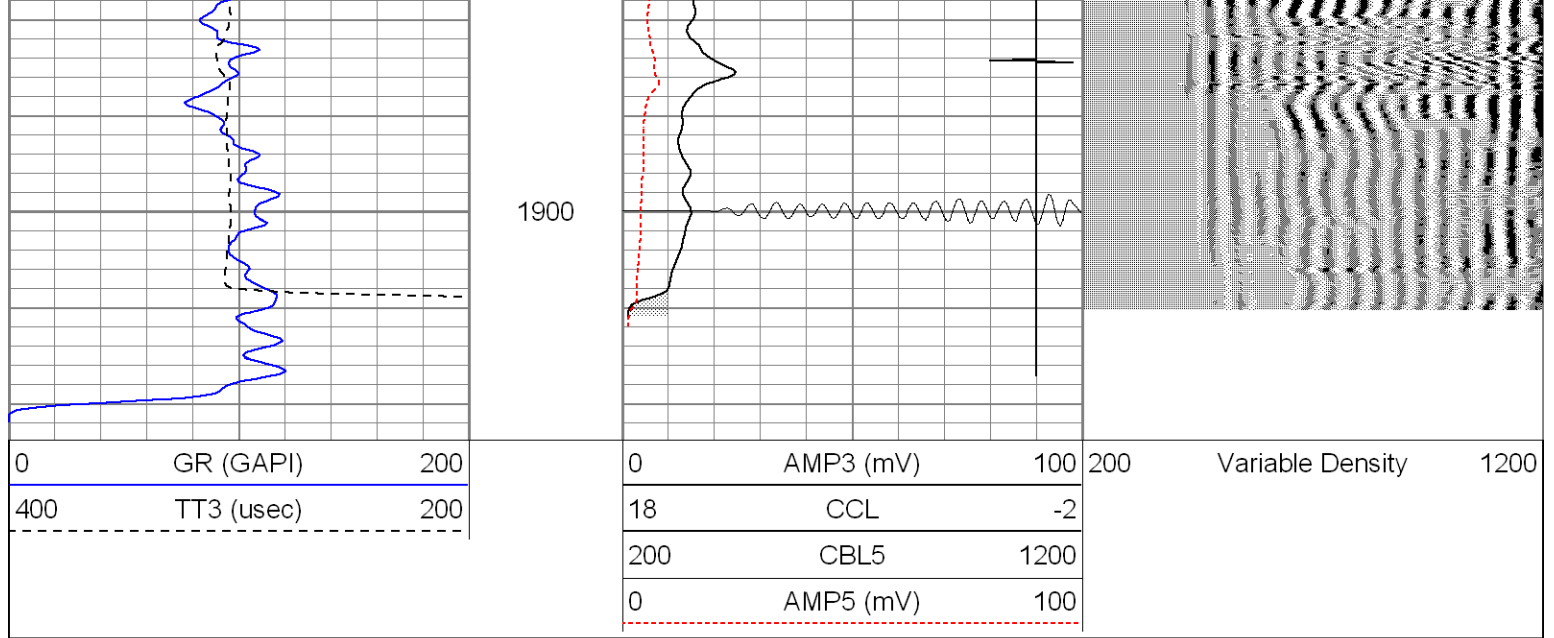
Repeat Section (0 PSI)

Database File: xtohr0112041509b.db
Dataset Pathname: pass1.1
Presentation Format: cblrt
Dataset Creation: Wed Apr 15 17:11:04 2009 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	200	Variable Density	1200
18	CCL	-2			
200	CBL5	1200			
0	AMP5 (mV)	100			





Calibration Report		
Database File:	xtohr0112041509b.db	
Dataset Pathname:	pass1	
Dataset Creation:	Wed Apr 15 16:18:16 2009 by Log Open-Cased 071220	

Gamma Ray Calibration Report		
Serial Number:	080351	
Tool Model:	275D_INC	
Performed:	Tue Apr 07 09:36:31 2009	
Calibrator Value:	200.0	GAPI
Background Reading:	50.0	cps
Calibrator Reading:	250.0	cps
Sensitivity:	1.0000	GAPI/cps

Inclinometer Calibration Report					
Performed:	Tue Apr 07 10:16:46 2009				
	Low Read.	High Read.	Low Ref.	High Ref.	
X Accelerometer	-3579.00	3617.00	-1.00	1.00	gee
Y Accelerometer	-3671.40	3529.80	-1.00	1.00	gee
Z Accelerometer					

Cement Bond Log Calibration Report				
Serial Number:	081024			
Tool Model:	PROBEDIGITALCBL			
Performed:	Tue Apr 07 10:52:48 2009			
Depth:	49.8253	ft		
Casing Diameter:	5.5	in		
	3' Spacing	5' Spacing		
Signal Zero:	0	0	mV	
Calibrated Amplitude:	75	75	mV	
Reading at Signal Zero:	0.04	0.04	V	

V
V

35.0467
1.40187