



Sonic Cement Bond Log

API No.		Company L. D. Drilling, Inc.	
15-009-25,661-00-00		Well Salvino No. 3-19	
Field Trapp		County Barton	
State Kansas		Location 1,910' FSL & 2,010' FWL	
Sec: 19 Twp: 16 S Rge: 13 W		Other Services Portable Mast, Perforate	
Permanent Datum	Ground Level	Elevation 1943	K.B. 1948
Log Measured From	Kelly Bushing	5 Ft. Above Perm. Datum	D.F. 1943
Drilling Measured From	Kelly Bushing		G.L. 1943
Run Number	One		
Date Survey	02-29-2012		
Date Cementing	02-26-2012		
Type Cementing Operation	Primary		
Depth Driller	3478		
Depth Logger	3456		
Logged Interval	3455 to 2100		to
Casing Driller	5.5" @ T.D.		@
Float Collar -- D.V. Tool	////		////
Squeeze Depth	////		
Amount & Type Cement	////		
Amount & Type Admix	////		
Type Fluid In Hole	Water		
Fluid Level	Full		
Salinity PPM CL	////		
Weight lb/gal -- Vis.	////		////
Approx. Logged Cement Top	2440		
Calculated Cement Top	////		
Max. Hole Temperature	113		
Tool No.	RBT 5-5		
Spacing Recorded	3-5		
Equipment -- Location	3 Hays		
Recorded By	Stan Linenberger		
Witnessed By	L. D. Davis		

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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.

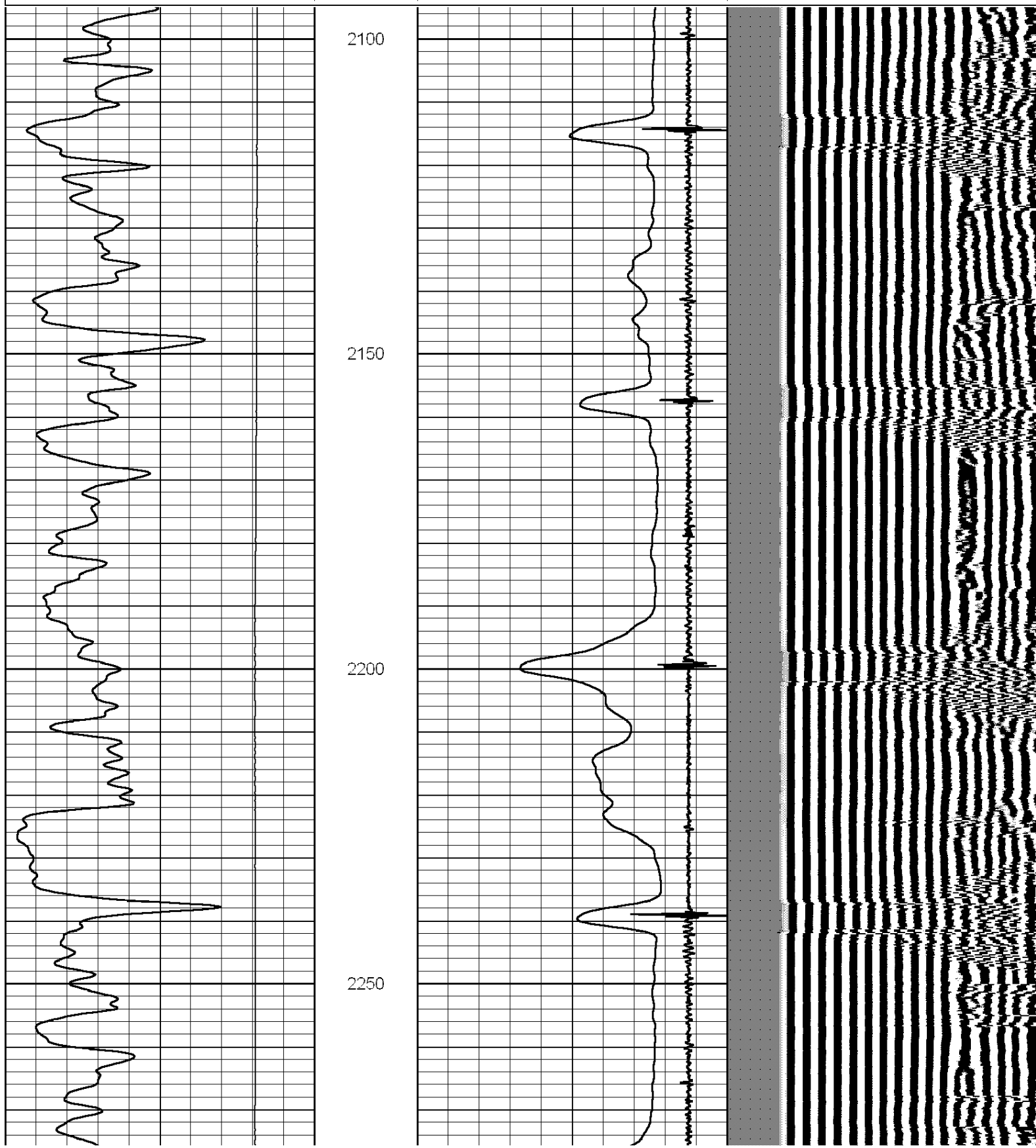
Comments

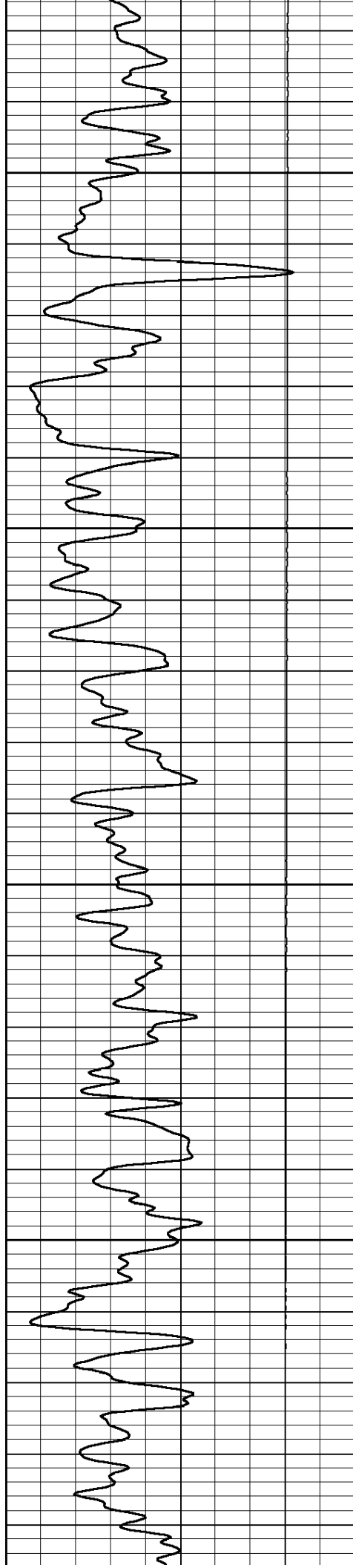
Thank you for using Log-Tech, Inc.
(785) 625-3858

Susank, Kansas; 1 Mile West, North Into.

Database File: Id drilling salvino 3-19.db
Dataset Pathname: grcbl/pass2
Presentation Format: cbldr
Dataset Creation: Wed Feb 29 12:43:13 2012 by Log Std Casedhole 09061
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150	amp3ft	5	Casing Collars	-0.7	200	wvf5ft	1200
			(mV)	0	Amplified Amplitude (mV)	100			
			-100 10	0	Pipe Amplitude (mV)	20			



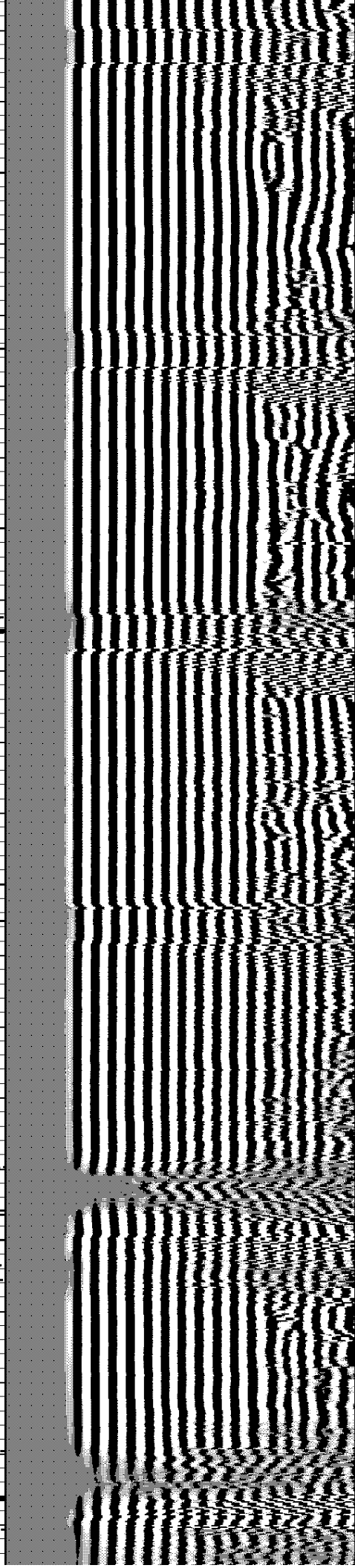
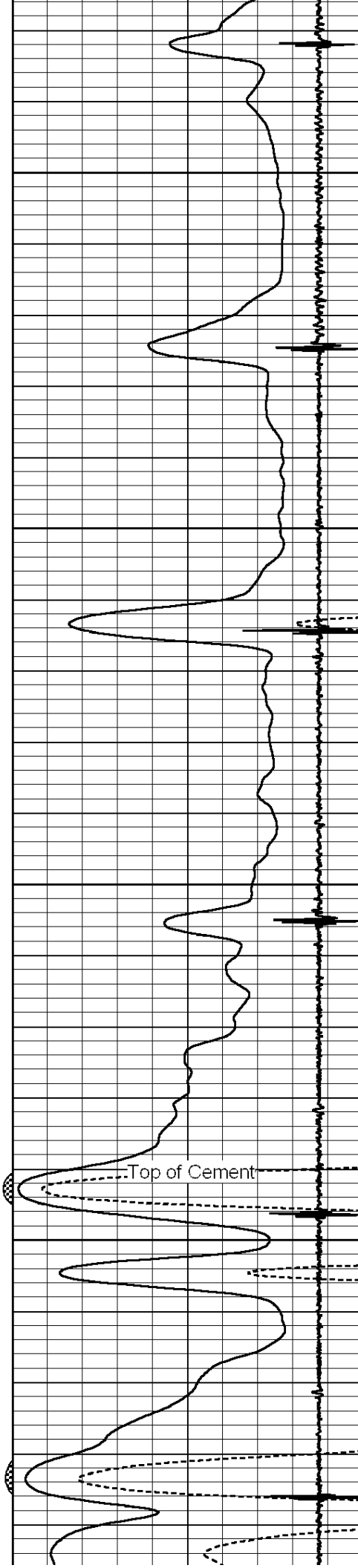


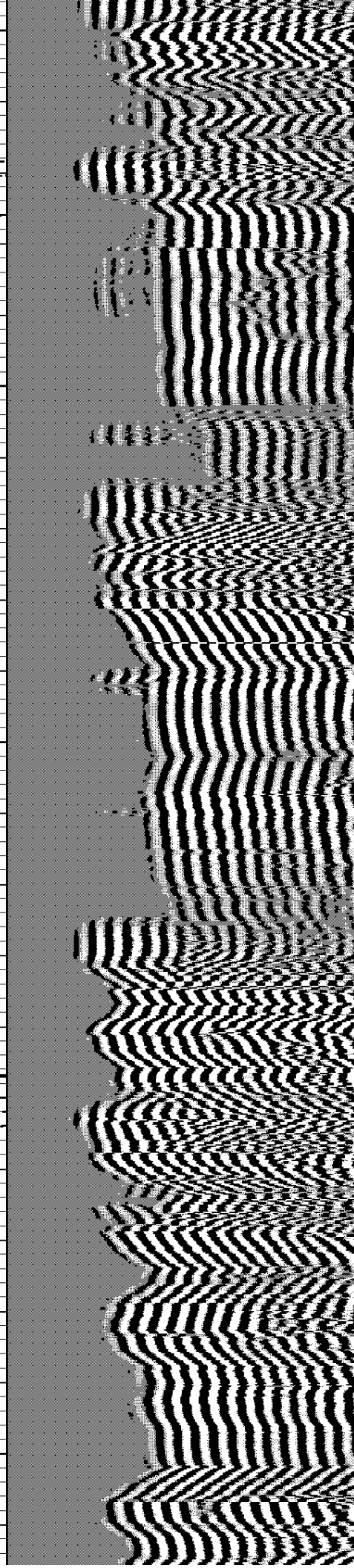
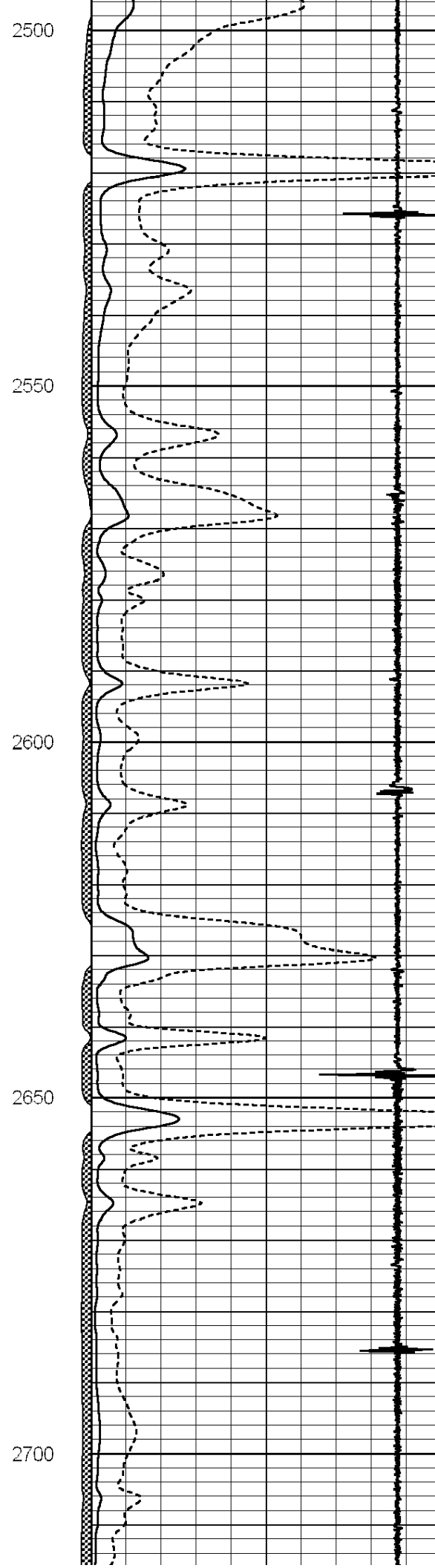
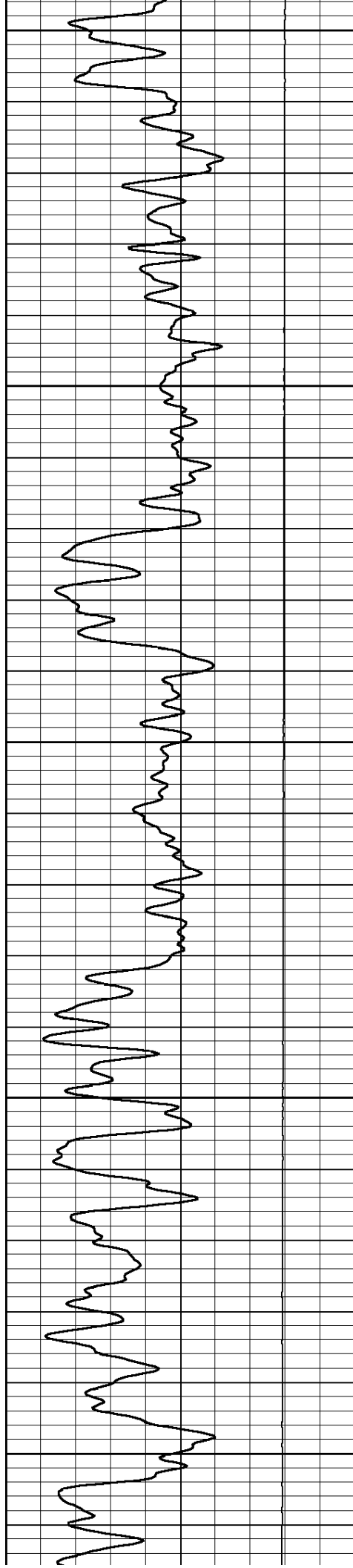
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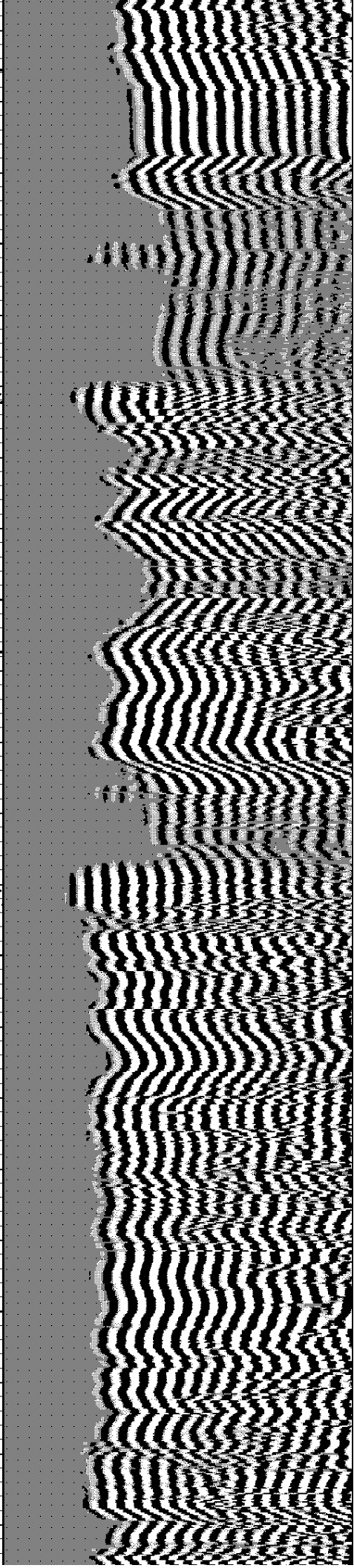
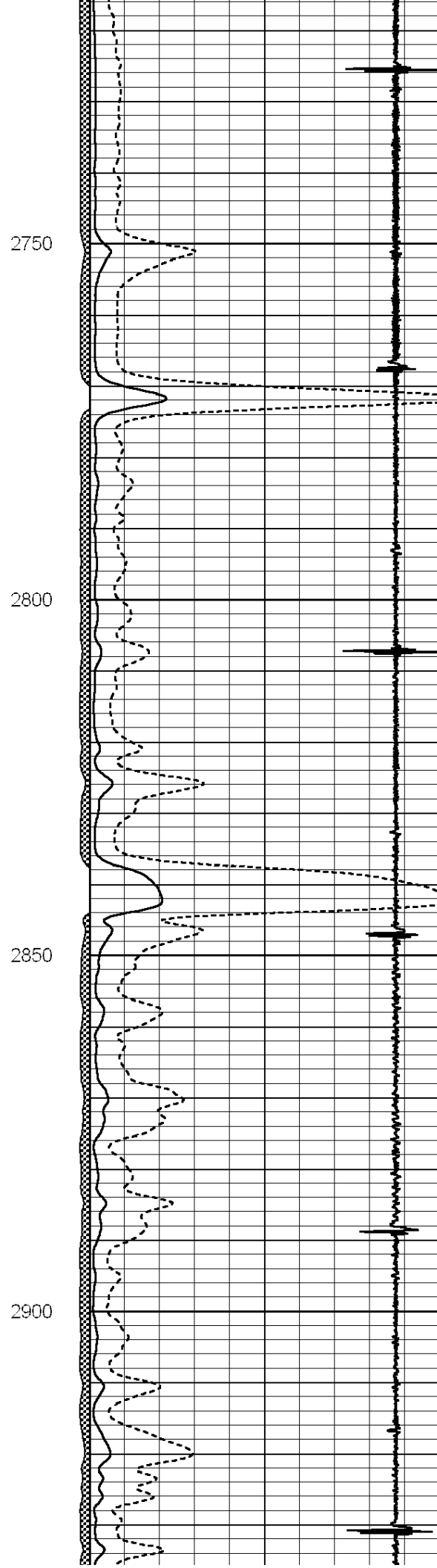
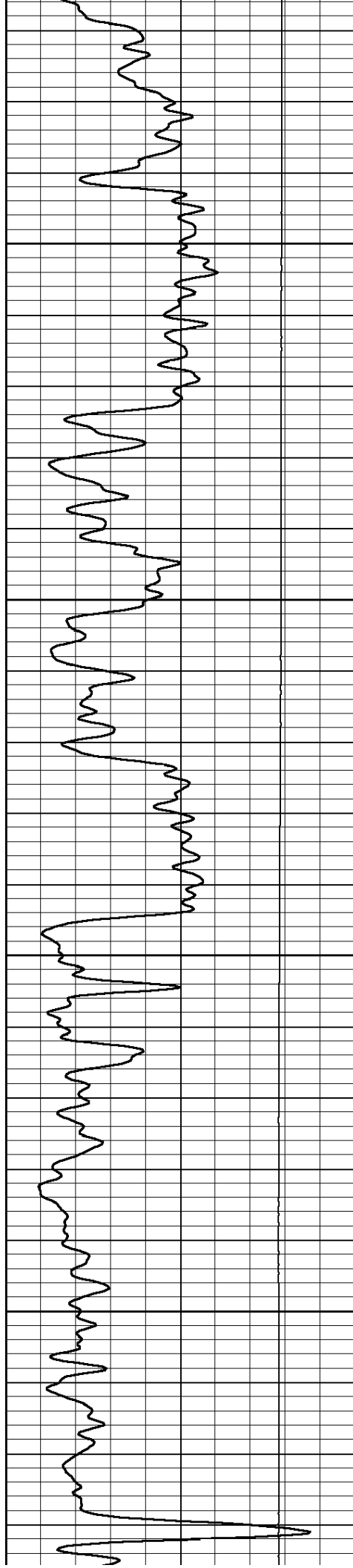
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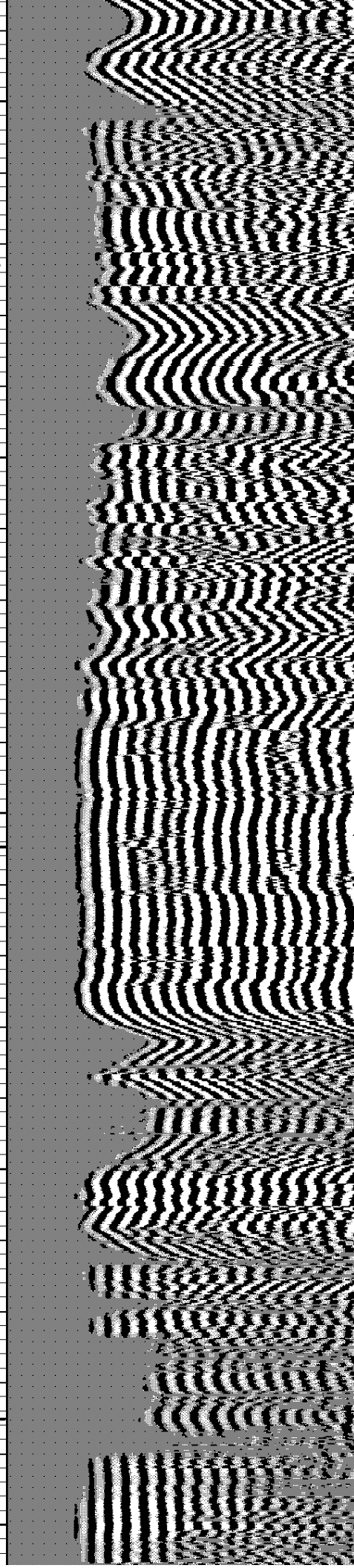
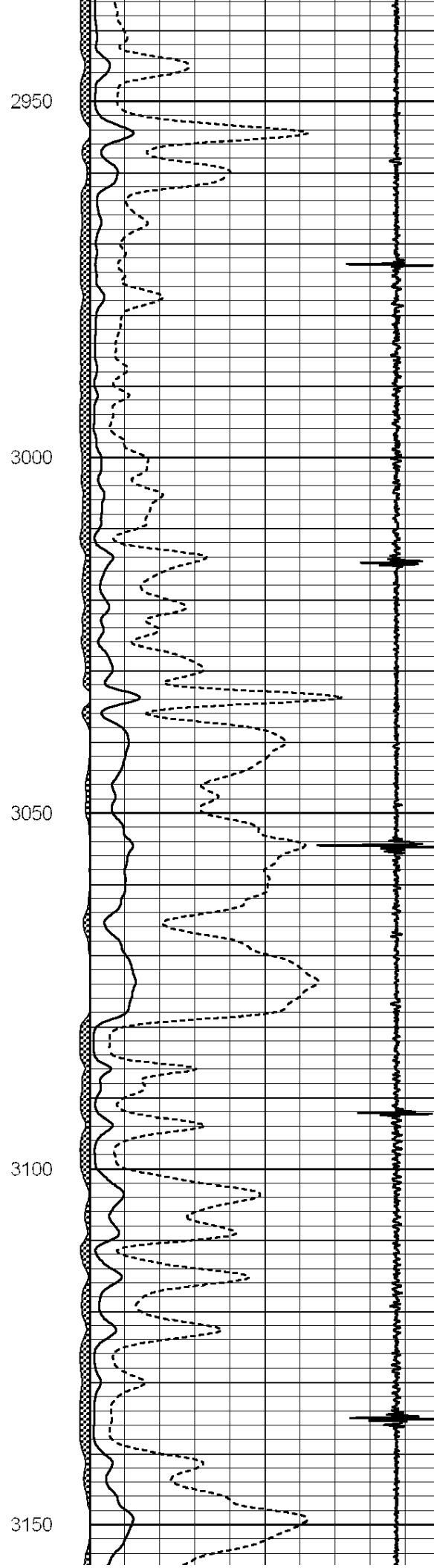
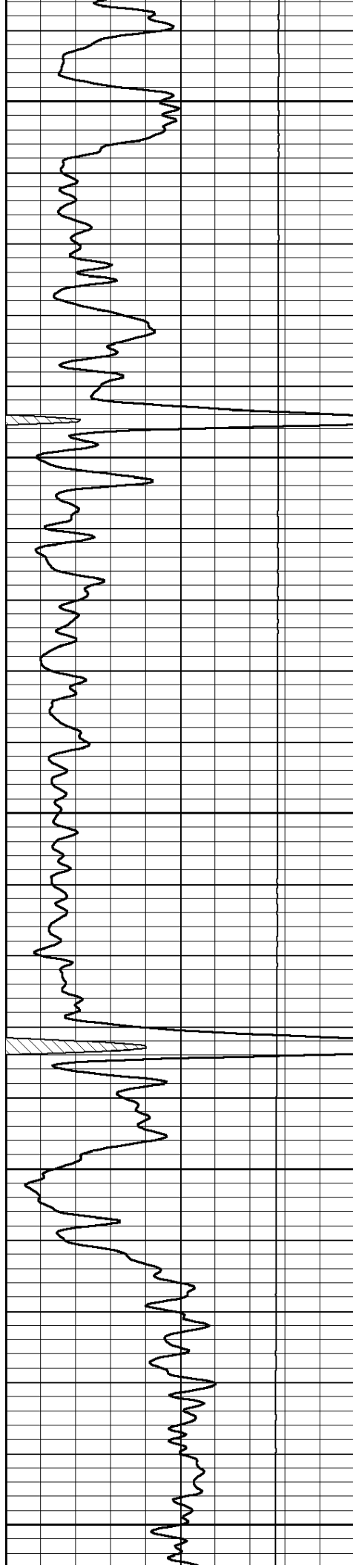
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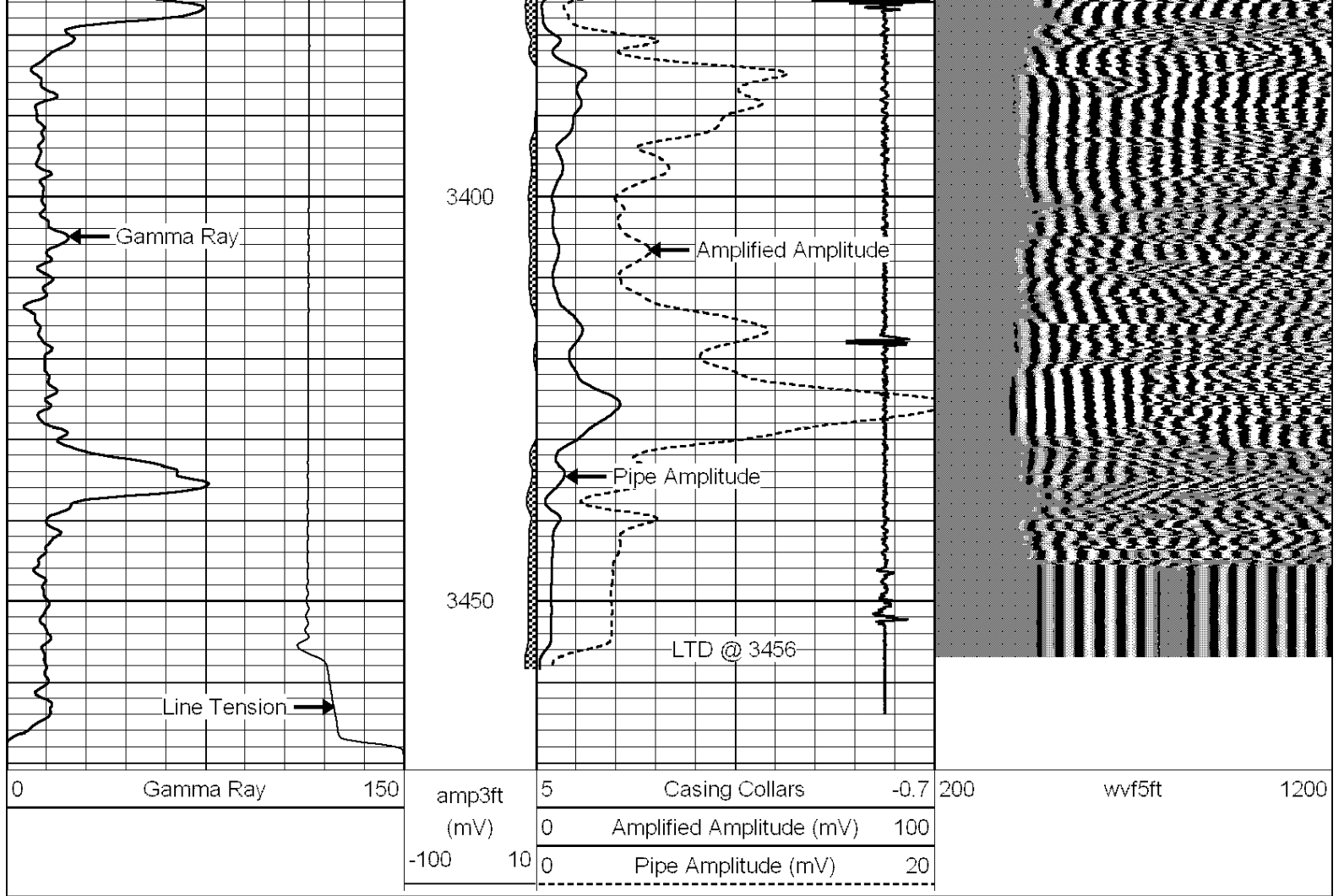
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Repeat Section

Database File: Id drilling salvino 3-19.db
 Dataset Pathname: grobl/pass1
 Presentation Format: cbldr
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 Charted by: Depth in Feet scaled 1:240

