



Pioneer Energy Services

Sonic Cement
Bond Log

15-163-24,142-00-00

Company Zinszer Oil Company
Well McClellan No. 2
Field Webster
County Rooks State Kansas

Location

1,320' FNL & 2,310' FEL

Other Services

Sec: 4 Twp: 9 S Rge: 19 W

Elevation

Permanent Datum Ground Level Elevation 1993
Log Measured From Kelly Bushing 8 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

K.B. 2001
D.F.
G.L. 1993

Run Number	One	
Date Survey	09-16-2013	
Date Cementing	08-22-2013	
Type Cementing Operation	Primary	
Depth Driller	3430	
Depth Logger	3429	
Logged Interval	3428 to 2200	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	330'	
Salinity PPM CL	////	
Weight lb/gal -- Vis.	////	////
Approx. Logged Cement Top	2313	
Calculated Cement Top	////	
Max. Hole Temperature	112	
Tool No.	RBT 5-5	
Spacing Recorded	3-5	
Equipment -- Location	4	Hays
Recorded By	Stan Linenberger	
Witnessed By	Perry Henman	

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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 Pioneer Energy Services

☐☐785.625.3858

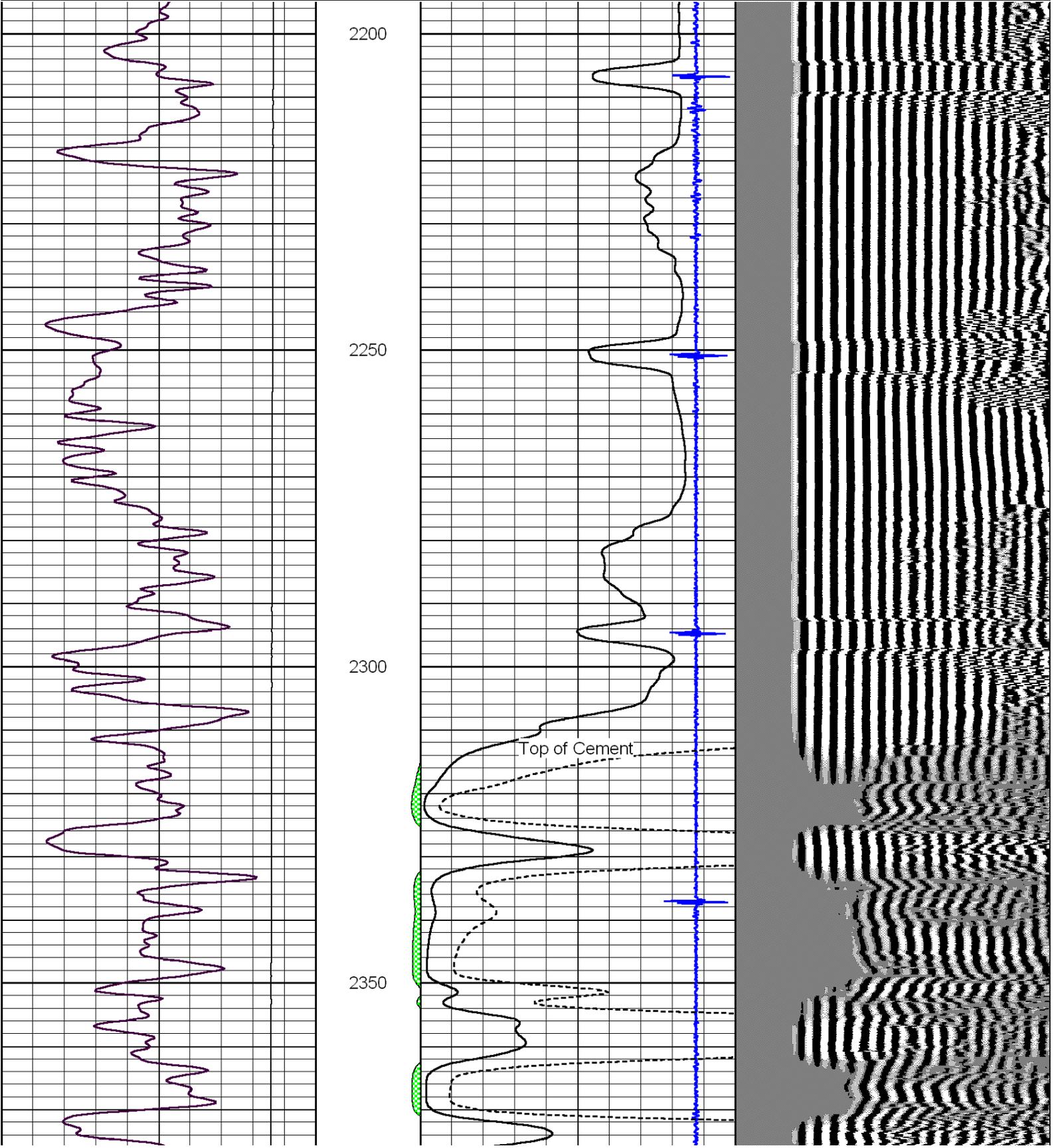
Zurich, Kansas;
5 Miles North to S Rd.,
1/2 Mile West, South Into.

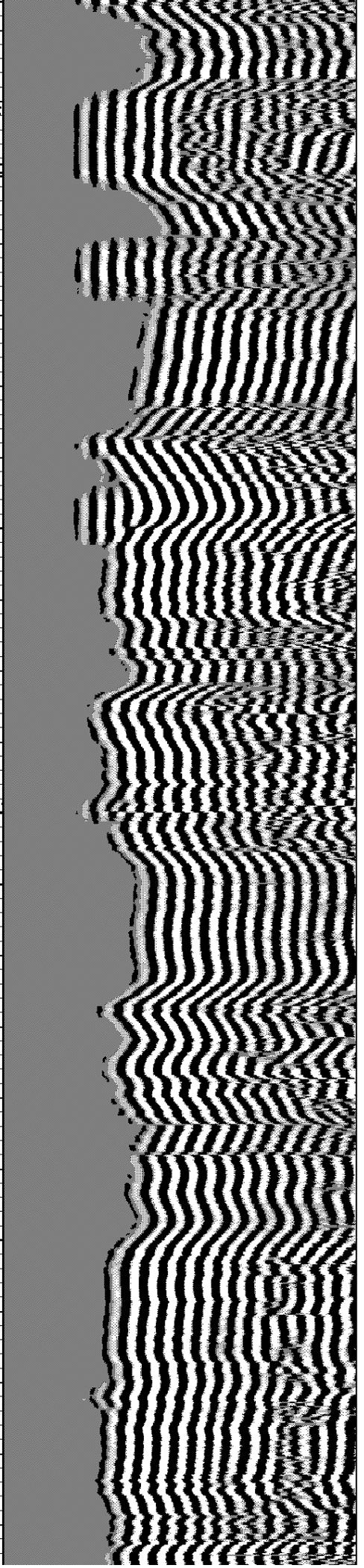
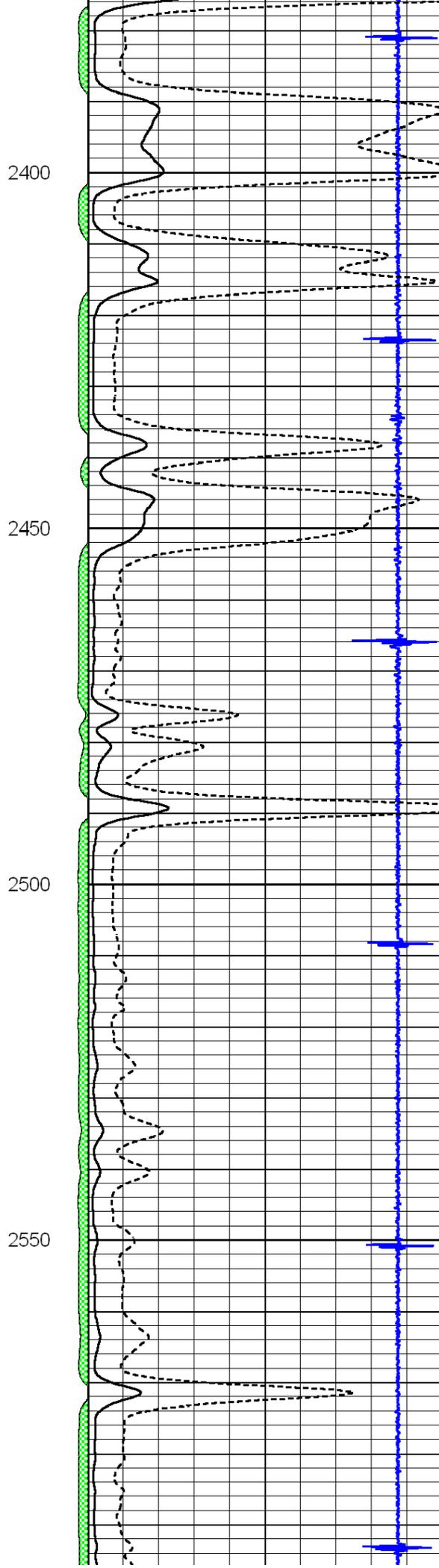
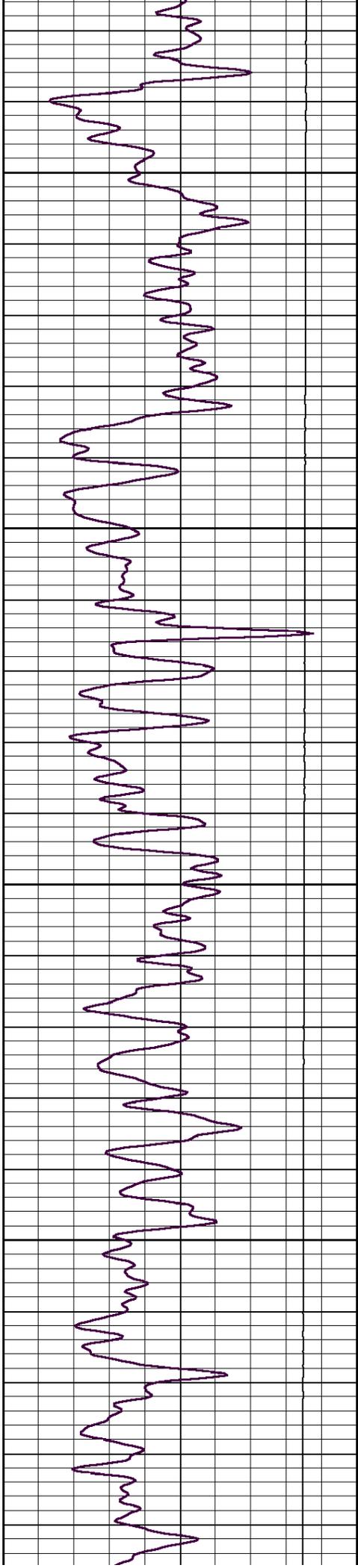


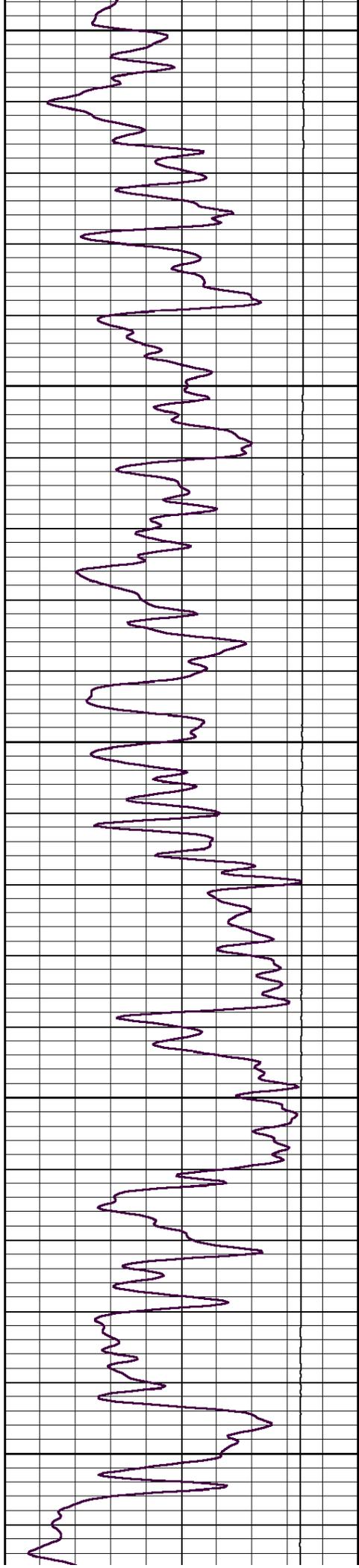
Main Pass

Database File: zinszer_mcclellan_2_grcbl.db
 Dataset Pathname: grcbl/pass3
 Presentation Format: cblcr
 Dataset Creation: Mon Sep 16 17:02:27 2013 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	Pipe Amplitude (mV)	20			







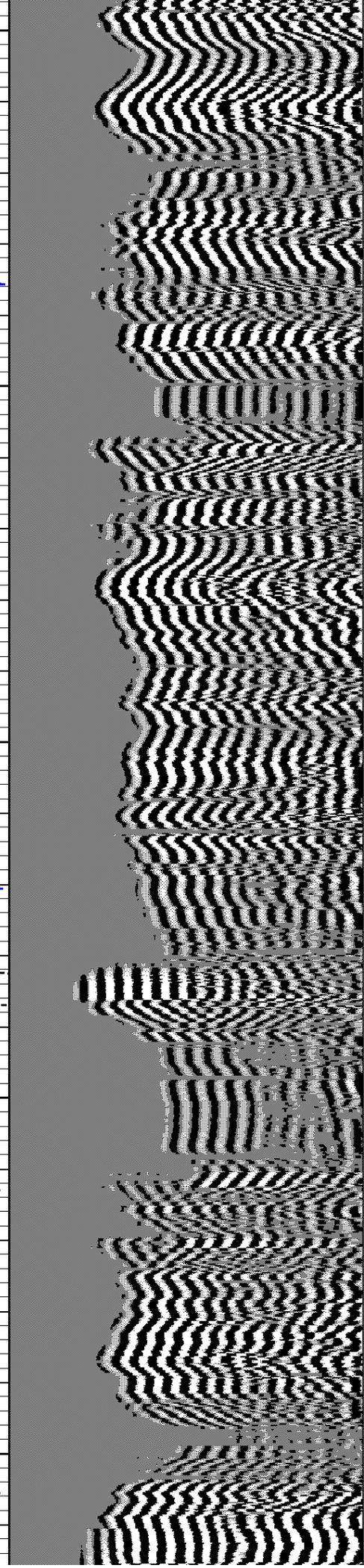
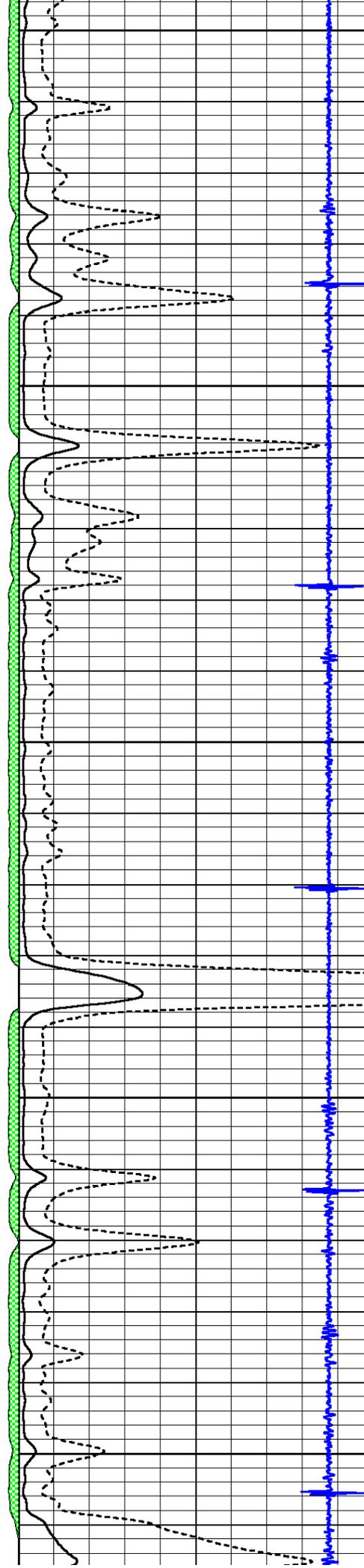
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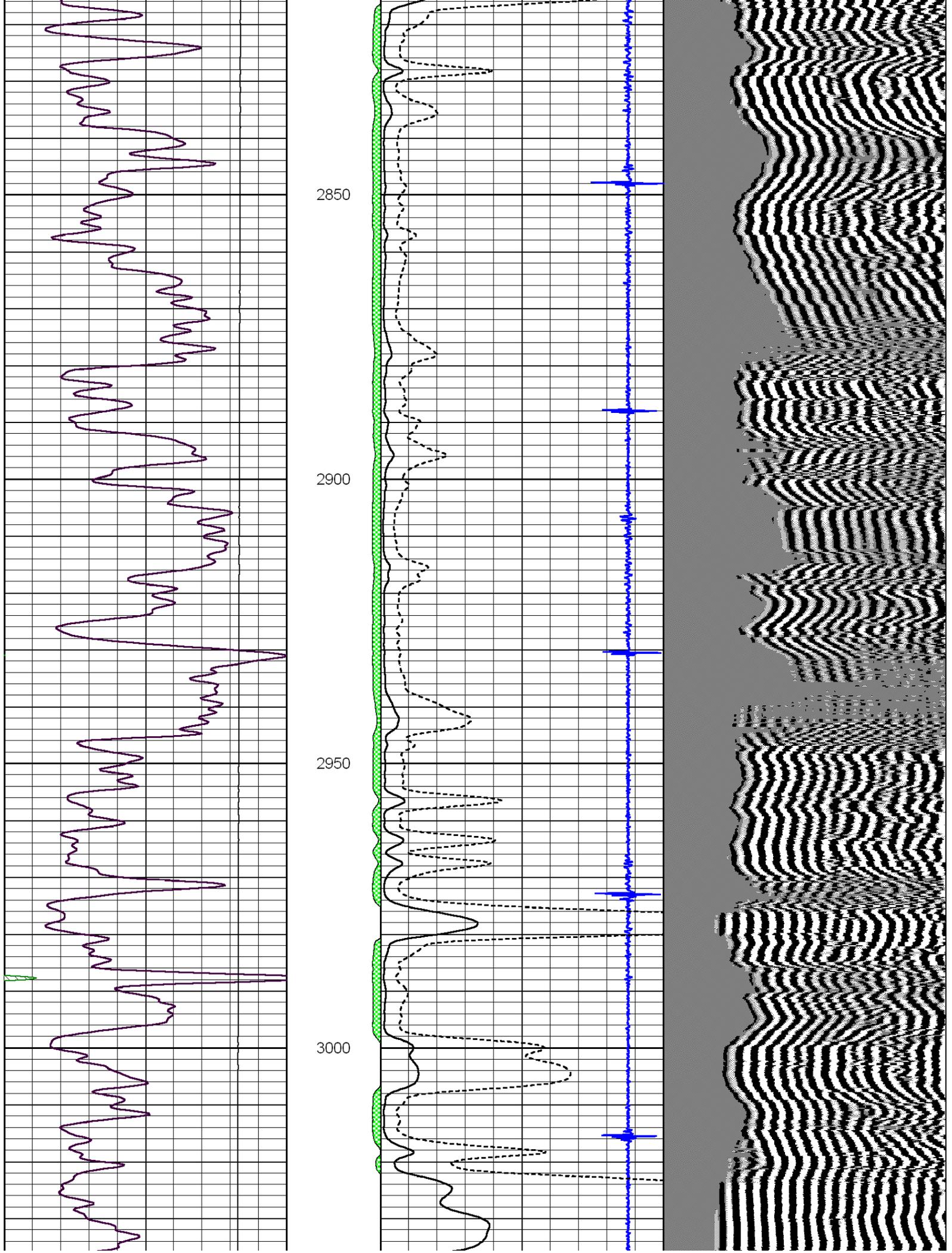
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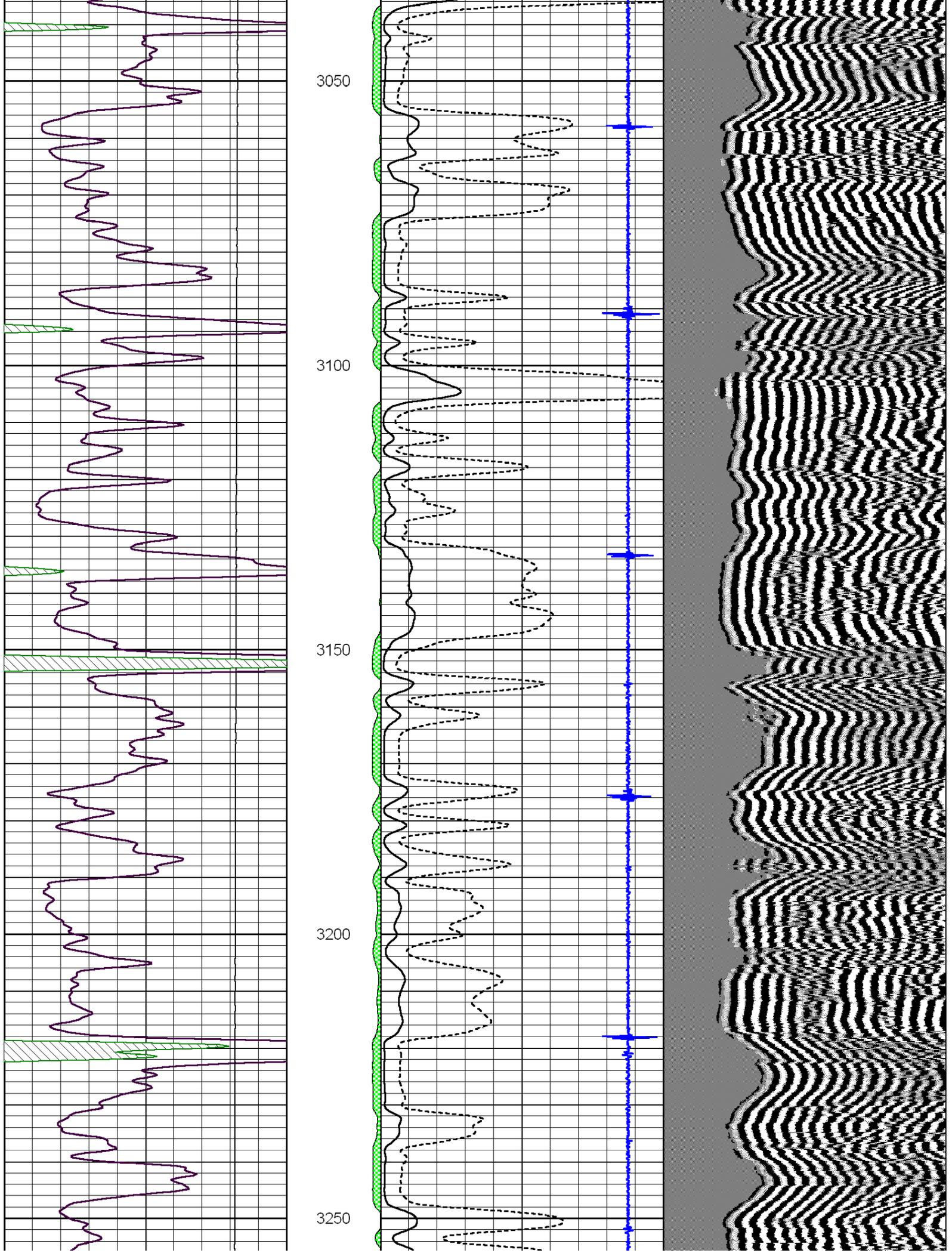
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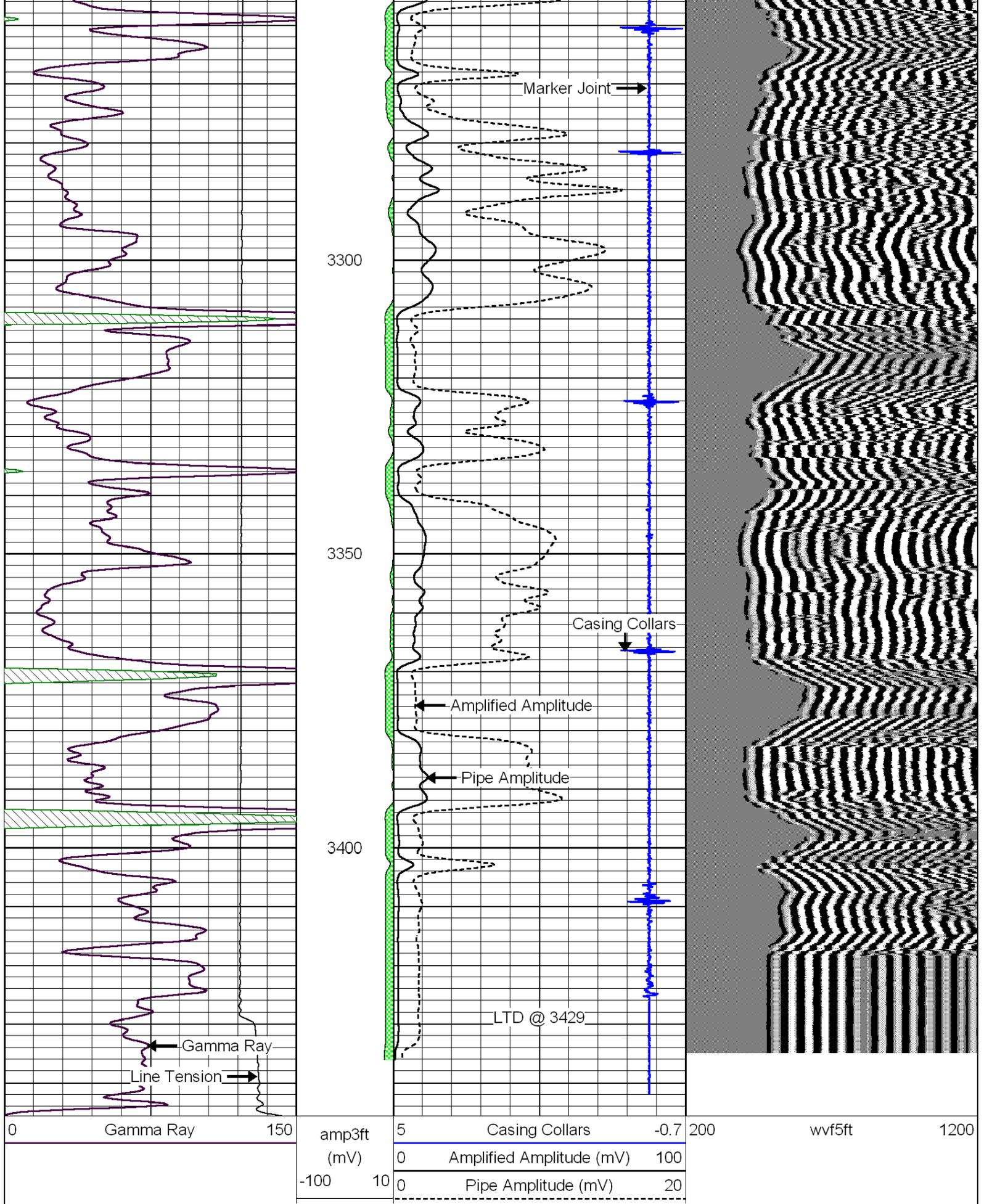
2750

2800









Database File: zinszer_mcclellan_2_grcbl.db
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 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			

