



Pioneer Energy Services

Sonic Cement  
Bond Log

15-053-21284-00-00

Company LB Exploration Inc.  
Well Jeznek No. 2  
Field Stoltenberg  
County Ellsworth State Kansas

Location

330' FNL & 990' FEL

Other Services

Sec: 21 Twp: 16 S Rge: 10 W

Elevation

Permanent Datum Ground Level Elevation 1870  
Log Measured From Kelly Bushing 13 Ft. Above Perm. Datum  
Drilling Measured From Kelly Bushing

K.B. 1883  
D.F. 1870  
G.L. 1870

Run Number	One	
Date Survey	03/04/2013	
Date Cementing	02/20/2013	
Type Cementing Operation	Primary	
Depth Driller	3485	
Depth Logger	3424	
Logged Interval	3423 to 2000	to
Casing Driller	5.5 @ TD	@
Float Collar -- D.V. Tool	////	////
Squeeze Depth	////	
Amount & Type Cement	////	
Amount & Type Admix	////	
Type Fluid In Hole	Water	
Fluid Level	70	
Salinity PPM CL	////	
Weight lb/gal -- Vis.	////	////
Approx. Logged Cement Top	2186	
Calculated Cement Top		
Max. Hole Temperature	111	
Tool No.	RBT71	
Spacing Recorded	3-5	
Equipment -- Location	71 Hays	
Recorded By	Scott Clermont	
Witnessed By	Mike Peterman	

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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

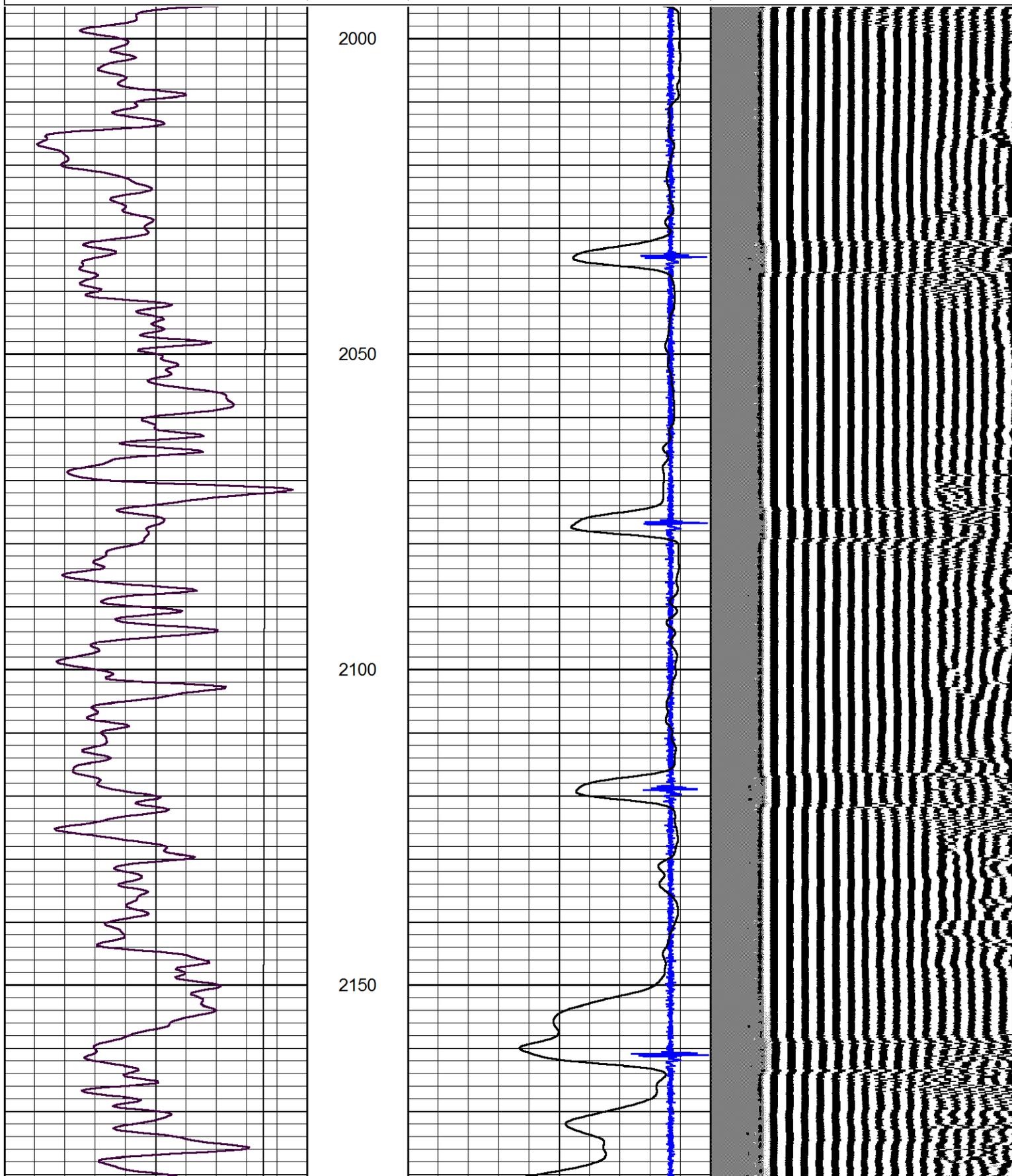
Wilson Ks., South to P Rd., 3 3/4 East, South Into

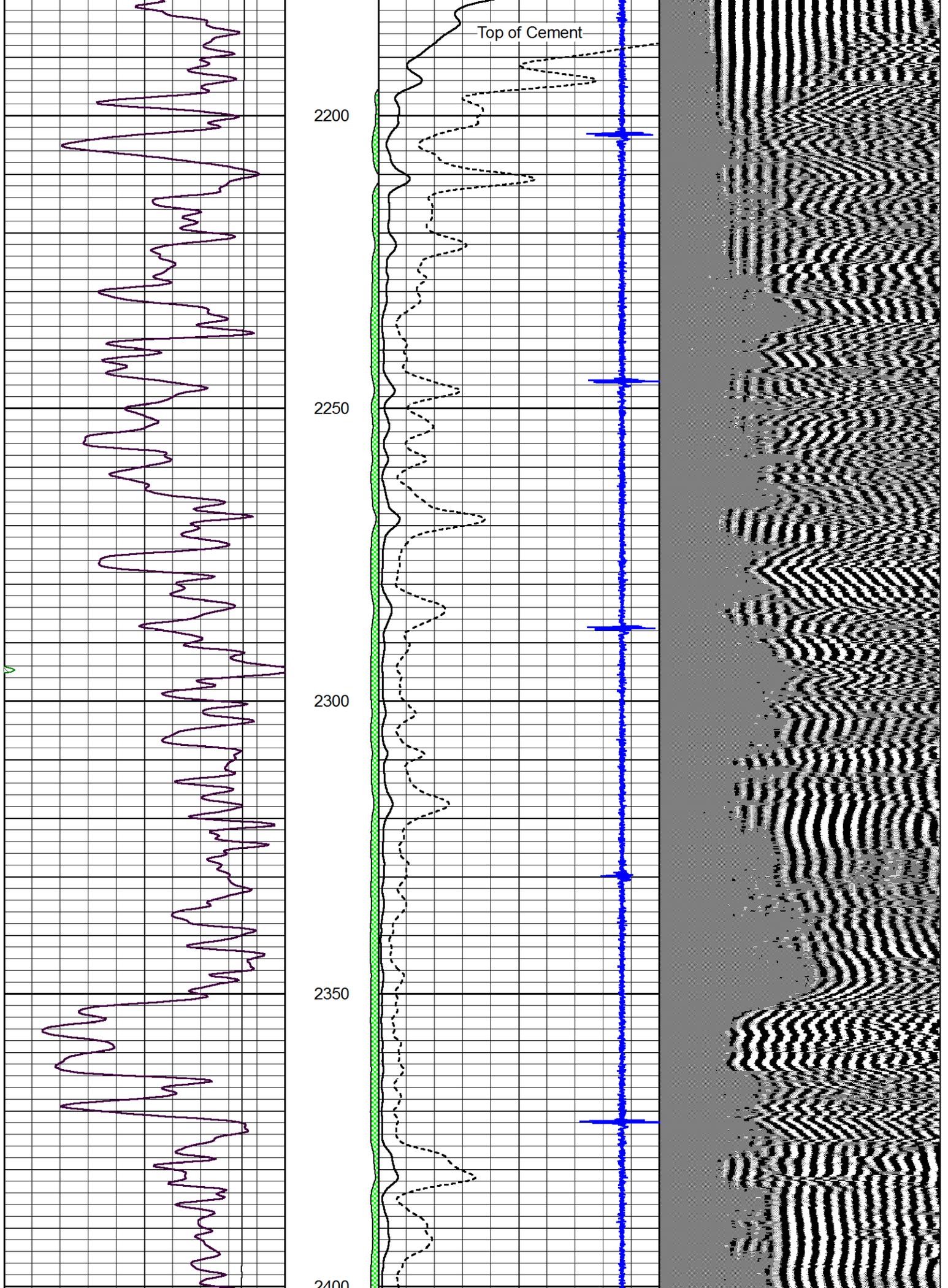


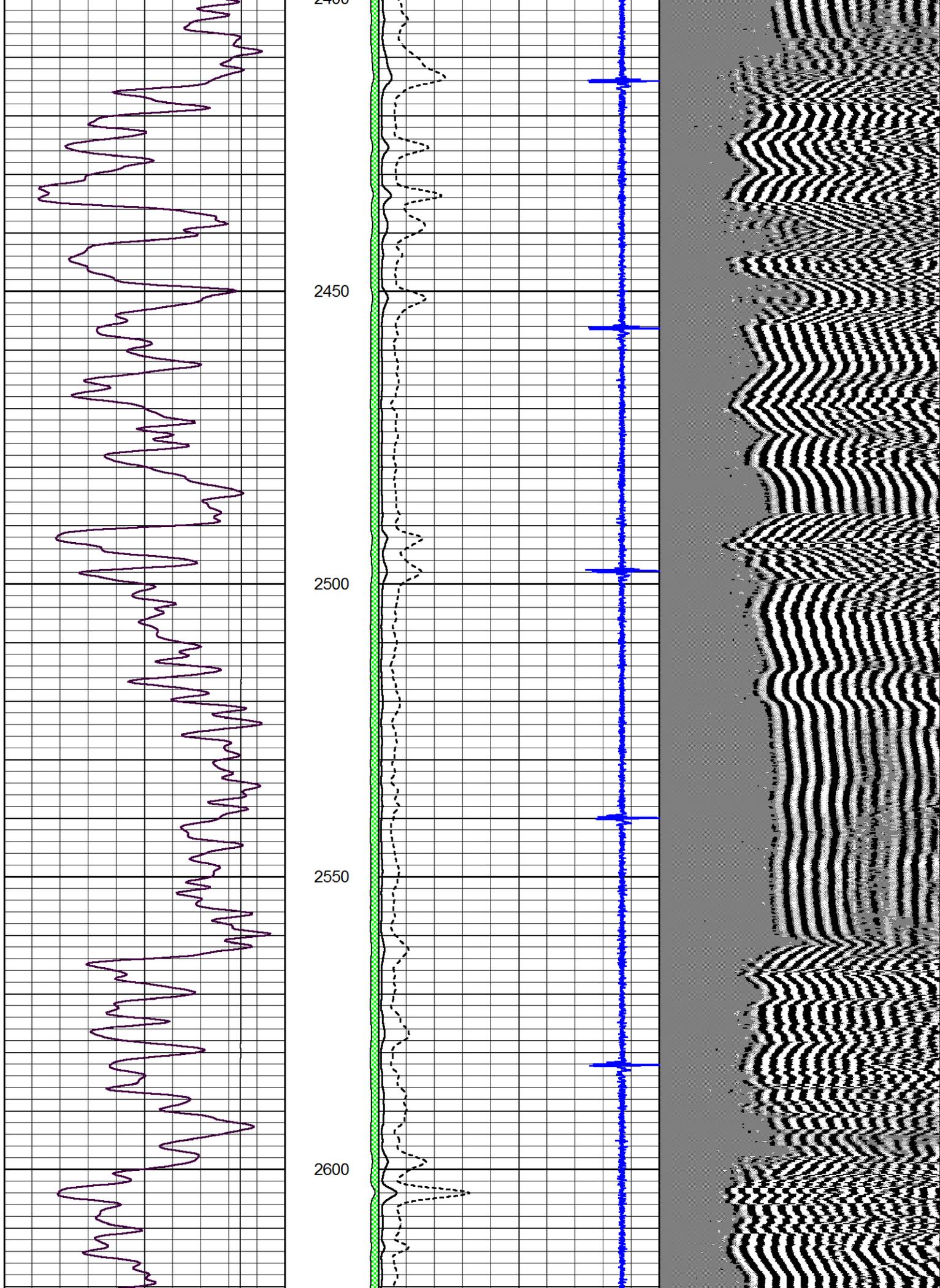
Main Pass

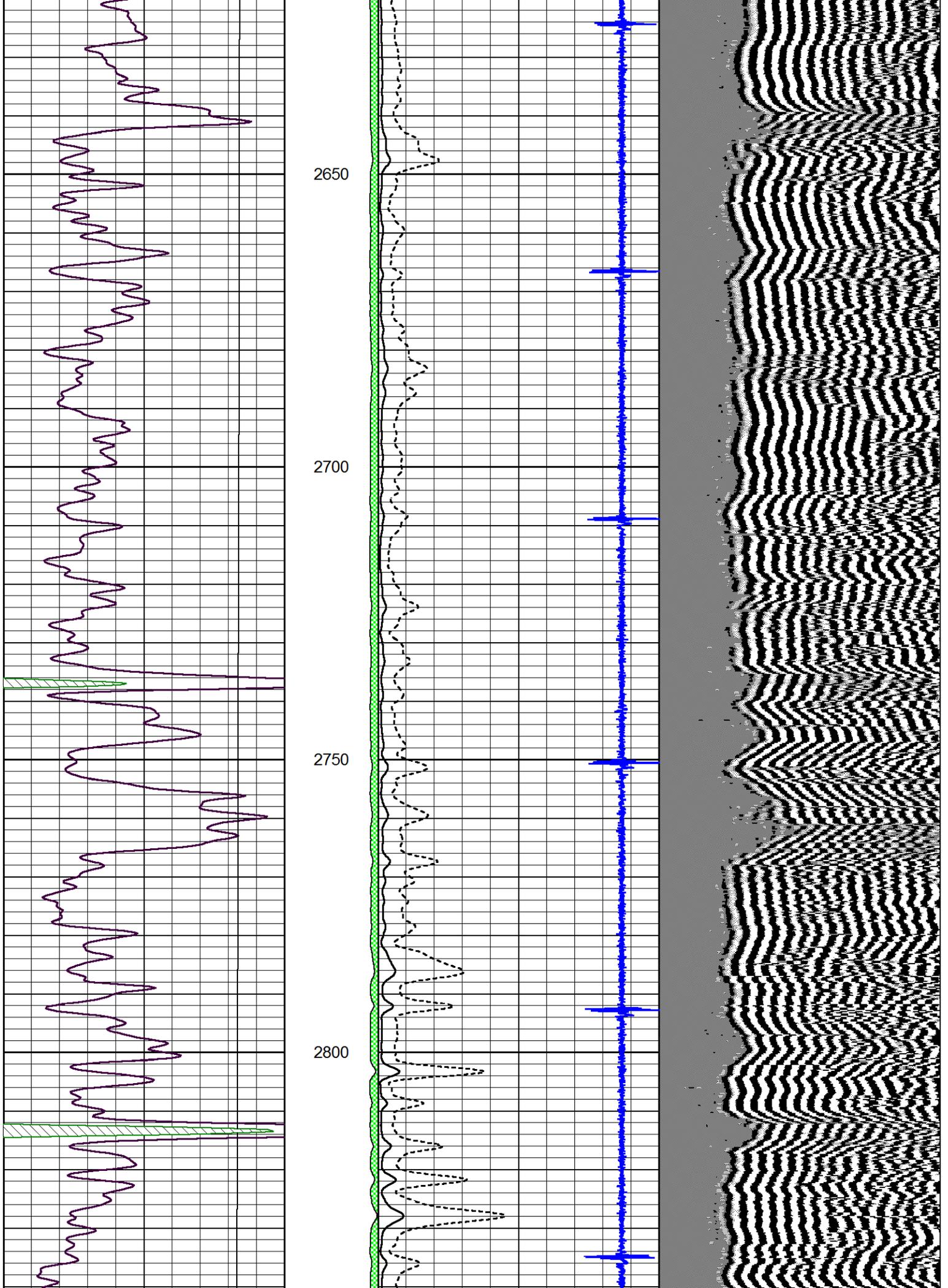
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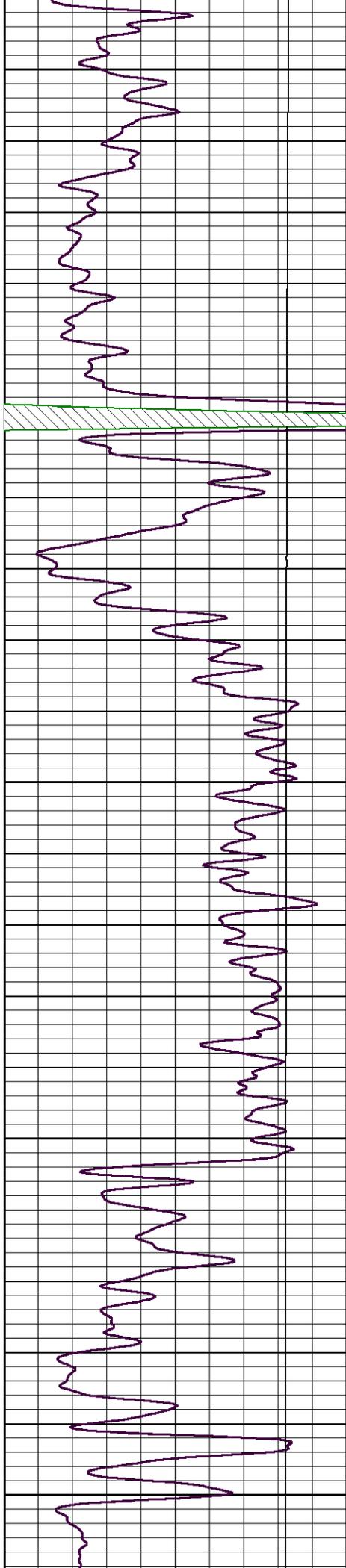
0	Gamma Ray	150	amp3ft	4	Casing Collars	-0.6	200	wvf5ft	1200
			(mV)	0	Amplified Amplitude (mV)	100			
			-100 10	0	Pipe Amplitude (mV)	20			











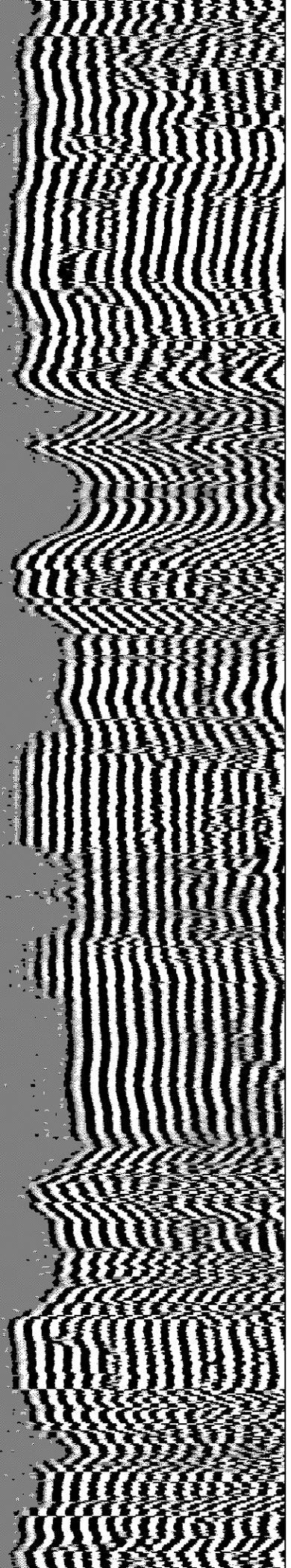
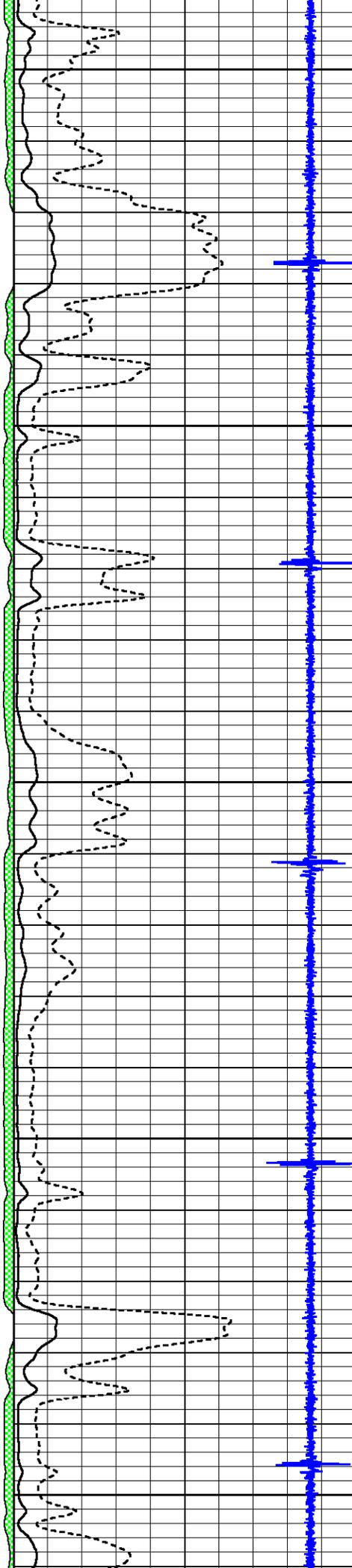
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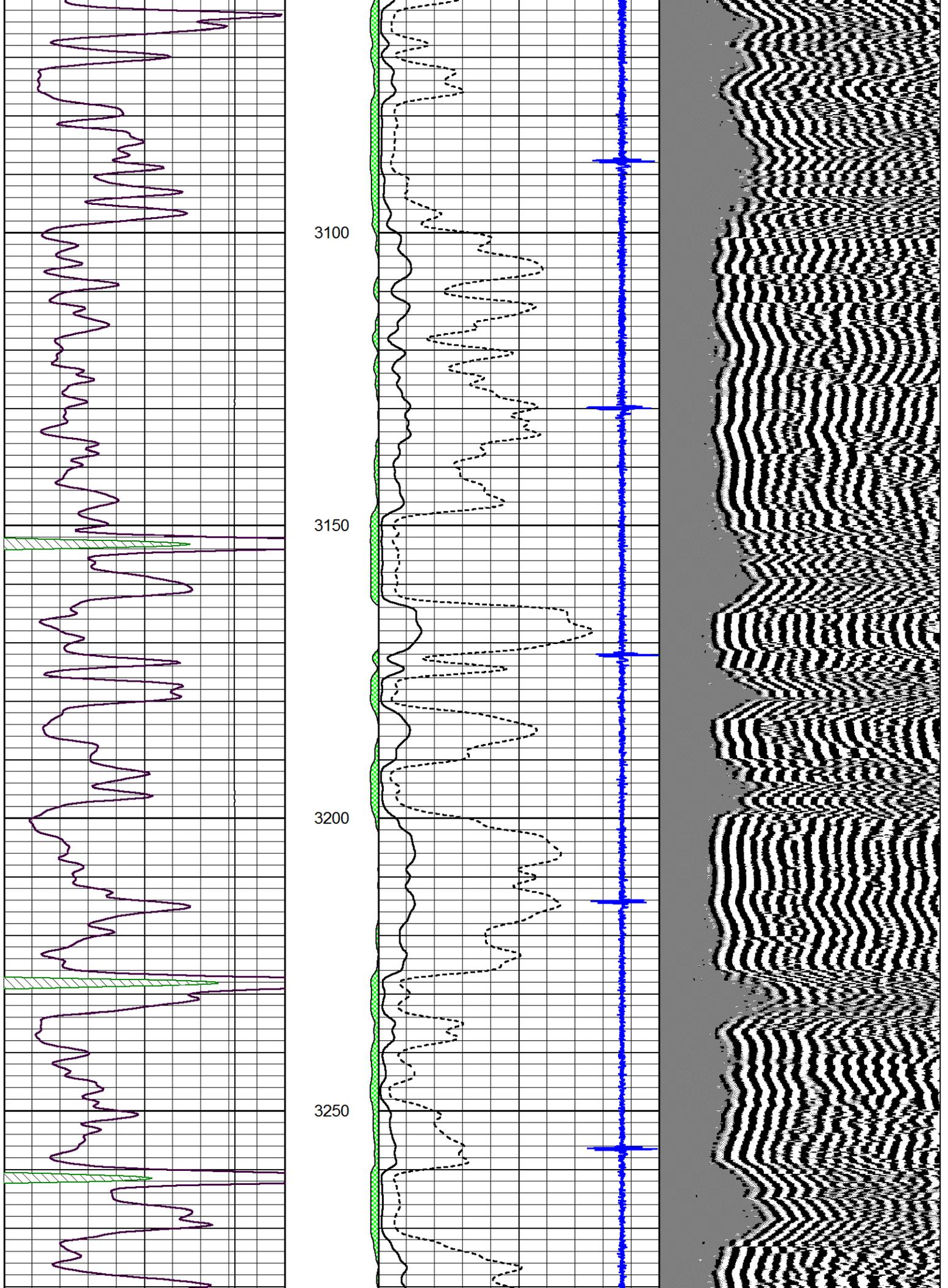
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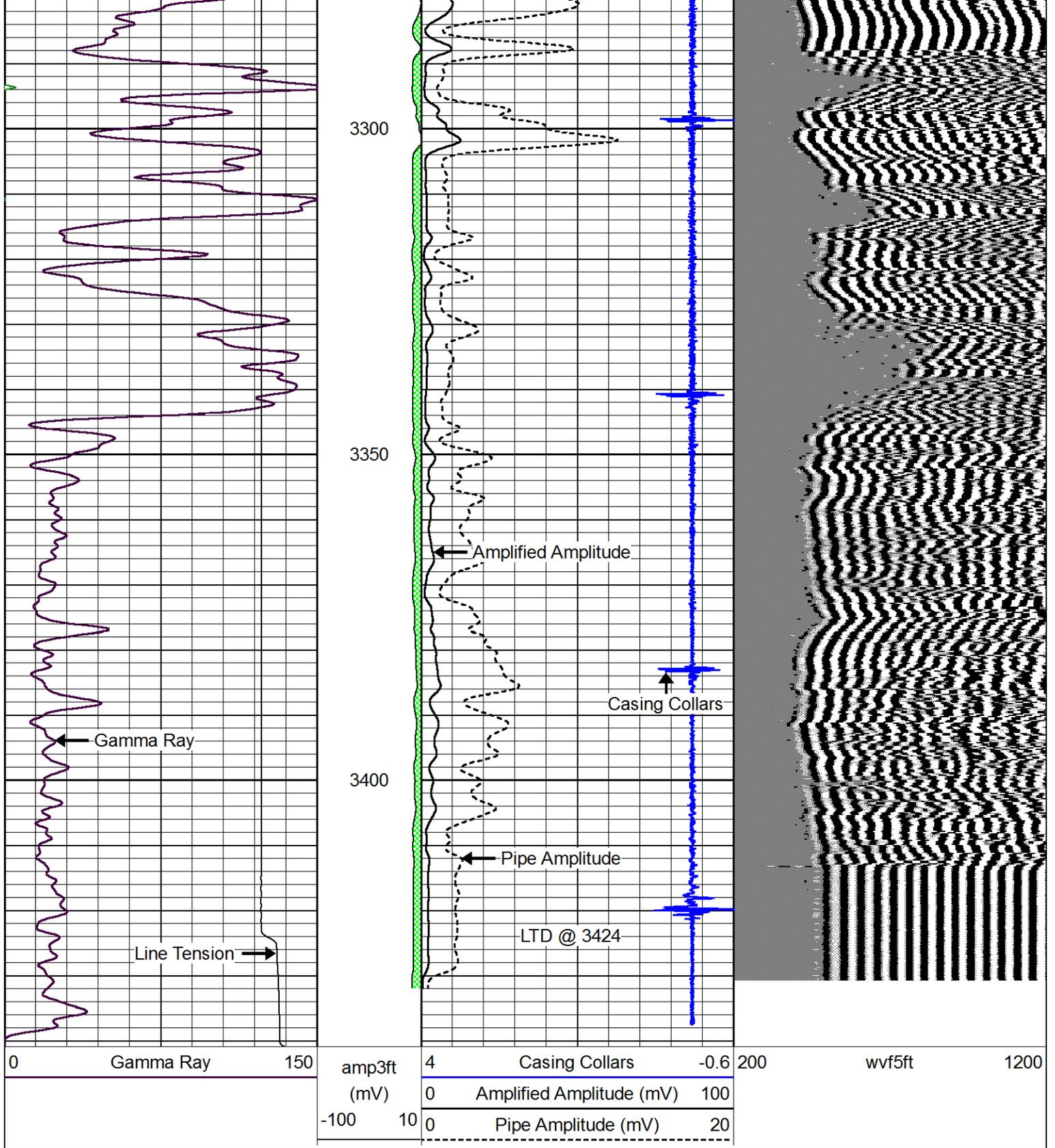
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3000

3050







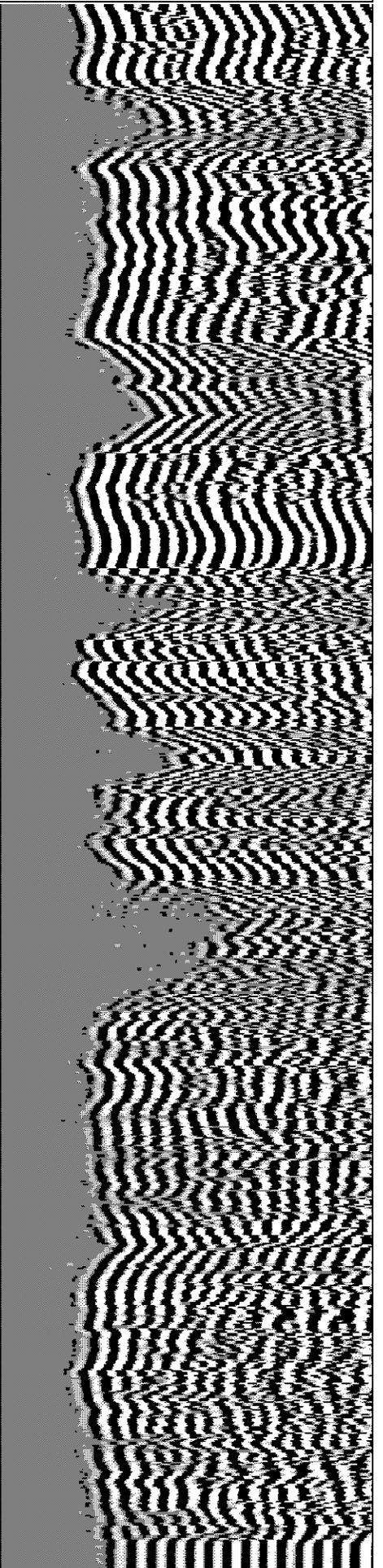
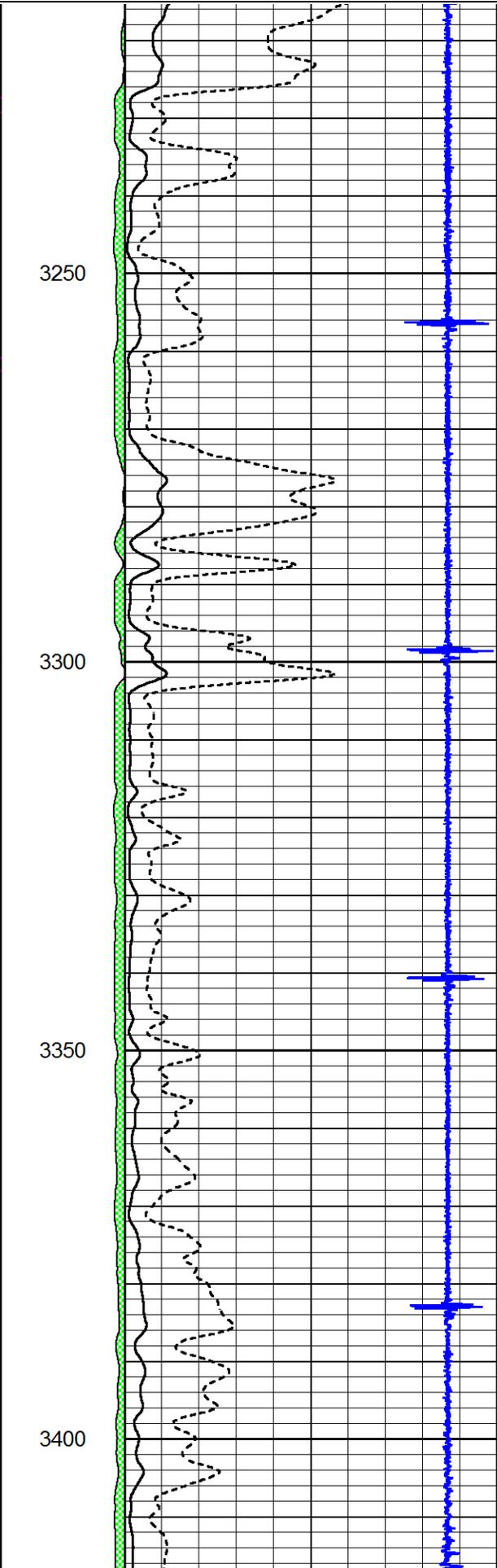
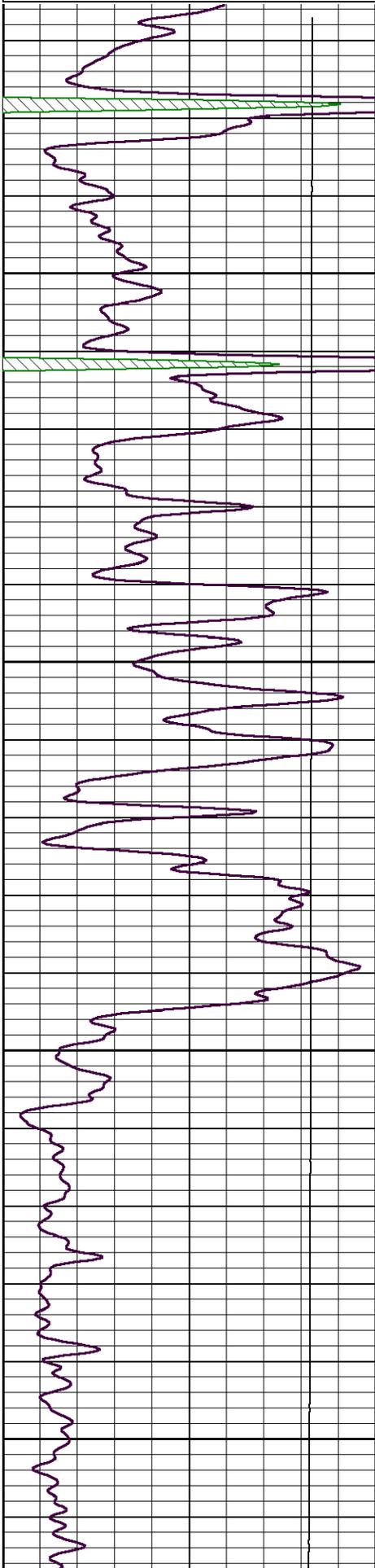
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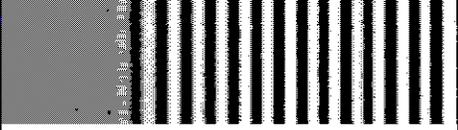
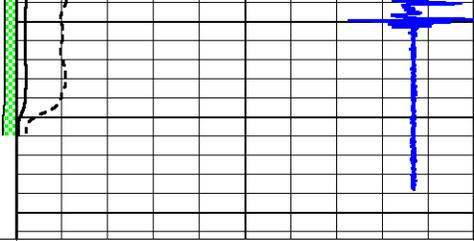
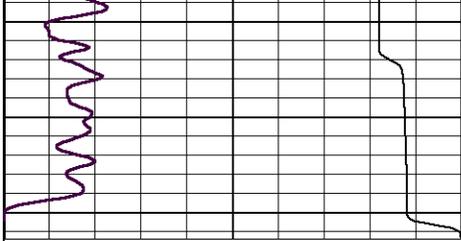
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 Charted by: Depth in Feet scaled 1:240

0 Gamma Ray 150

amp3ft (mV)	4	Casing Collars	-0.6
	0	Amplified Amplitude (mV)	100
	-100	Pipe Amplitude (mV)	20

200 wvf5ft 1200





0      Gamma Ray      150

amp3ft      4      Casing Collars      -0.6

200      wvf5ft      1200

-100      10

0      Amplified Amplitude (mV)      100  
 0      Pipe Amplitude (mV)      20