



Pioneer Energy Services

Sector Bond / Gamma Ray
CCL Log

API No.

15-165-22002-00-00

Company Samuel Gary Jr. And Associates
Well Clair ET AL No. 1-26
Field Wildcat
County Rush State Kansas

Location 716' FNL & 2540' FEL

Sec: 26 Twp: 16S Rge: 16W

Other Services
Mast Trailer

Permanent Datum Ground Level Elevation 1963
Log Measured From Kelly Bushing Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

K.B. 1973
D.F. 1971
G.L. 1963

Run Number	One	
Date Survey	1/04/2013	
Date Cementing	12/09/2012	
Type Cementing Operation	Primary	
Depth Driller	3650	
Depth Logger	3600	
Logged Interval	3600 to 2200	
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	2334	
Calculated Cement Top	////	
Max. Hole Temperature	114	
Tool No.	RBT 4-4	
Spacing Recorded	3-5	
Equipment -- Location	14 A Drilling Hays	
Recorded By	Mr. Lee Biebertle Jr.	
Witnessed By		

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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

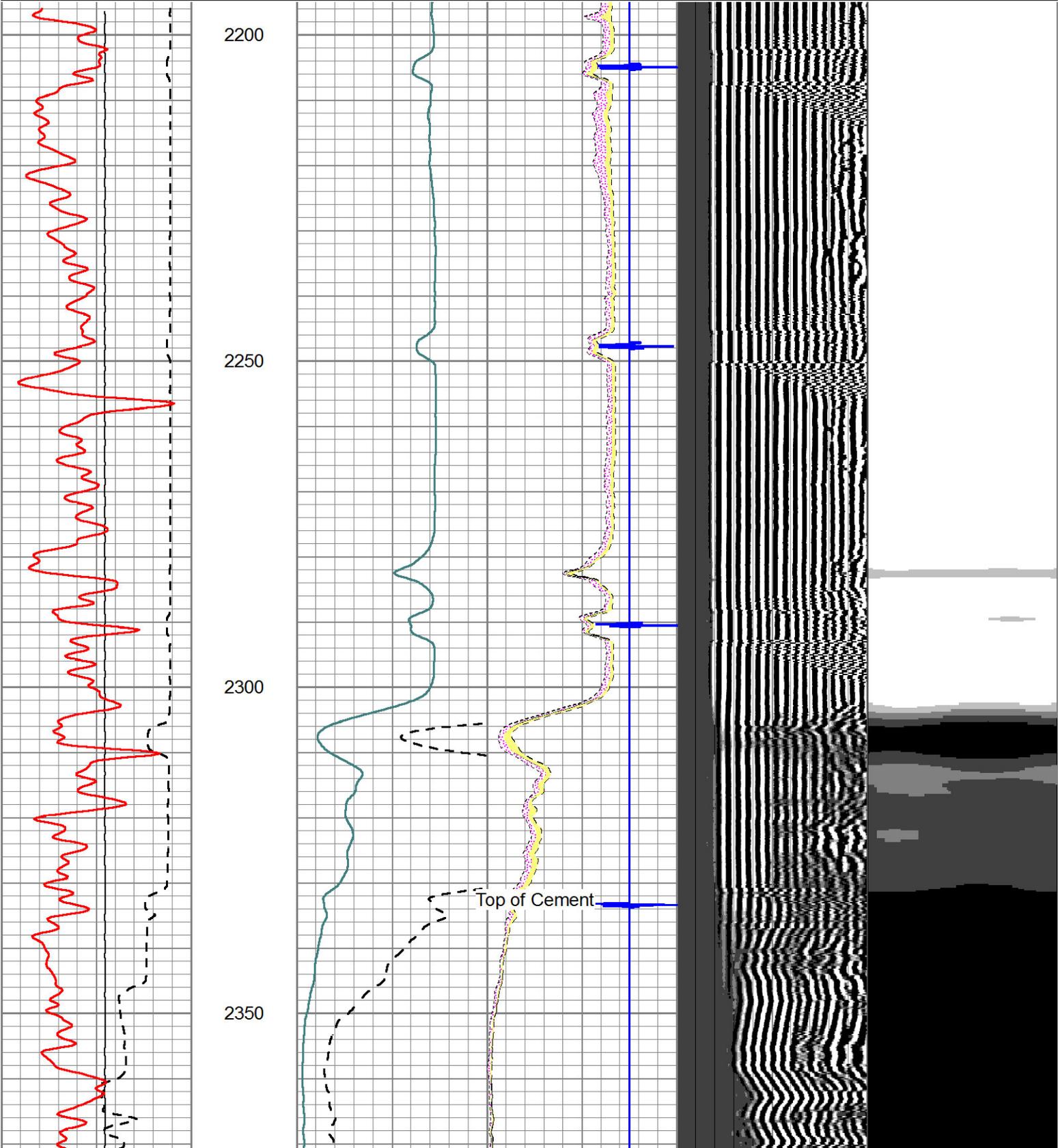
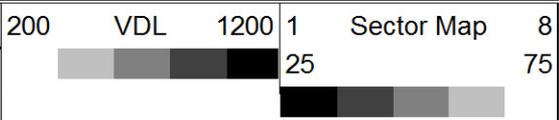
Thank you for using Pioneer Energy Services
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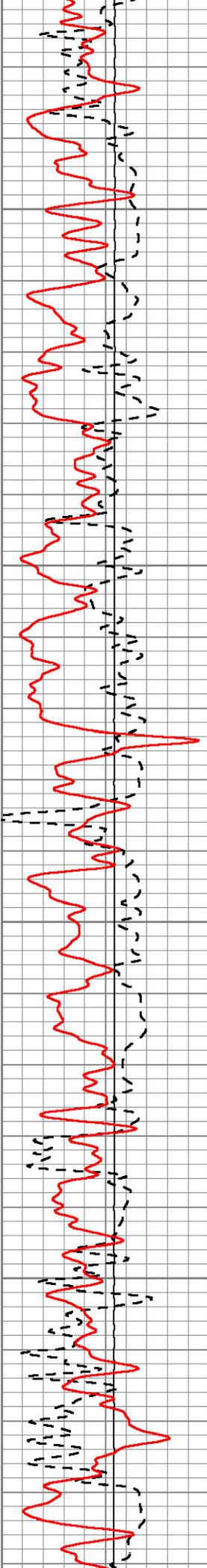
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 Presentation Format: scbl
 Dataset Creation: Fri Jan 04 08:52:05 2013 by Calc 7.0 B1
 Charted by: Depth in Feet scaled 1:240

TT3FT		
700 (usec)	235	

LTEN		
0 GR	150	

0 Amplitude (mV)	100	0 AMPAVG	150
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Amplified Amplitude	0	AMPMAX	150
0 (mV)	20	AMPMIN	150
-----		-----	
		3 CCL	-1



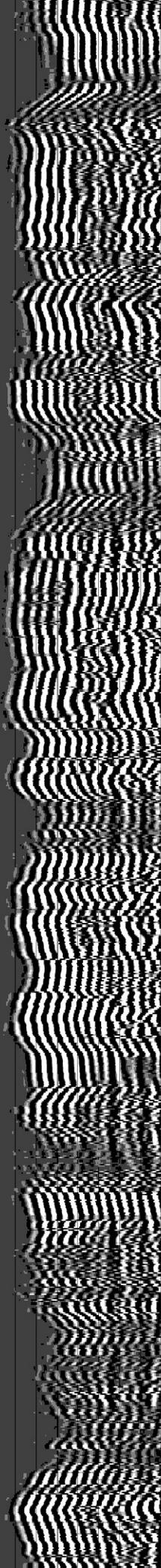
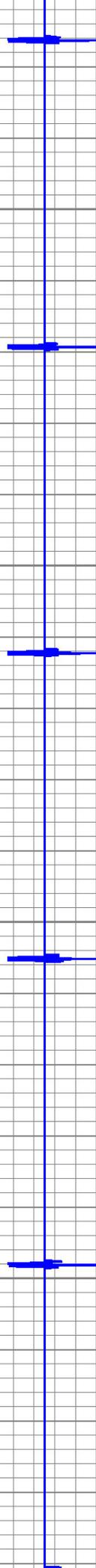
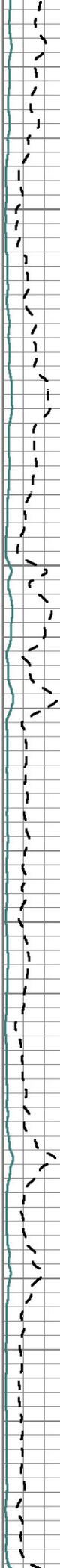


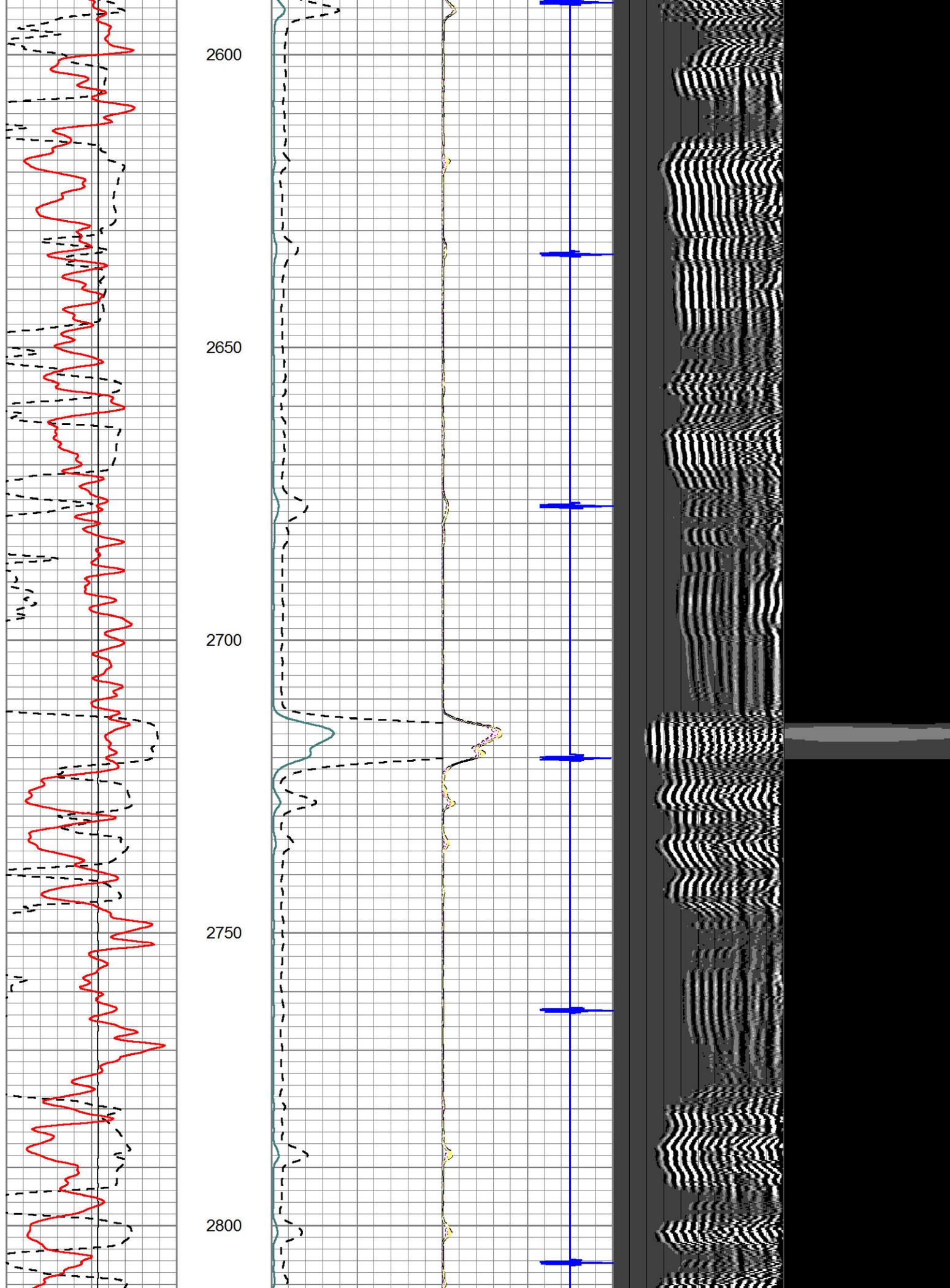
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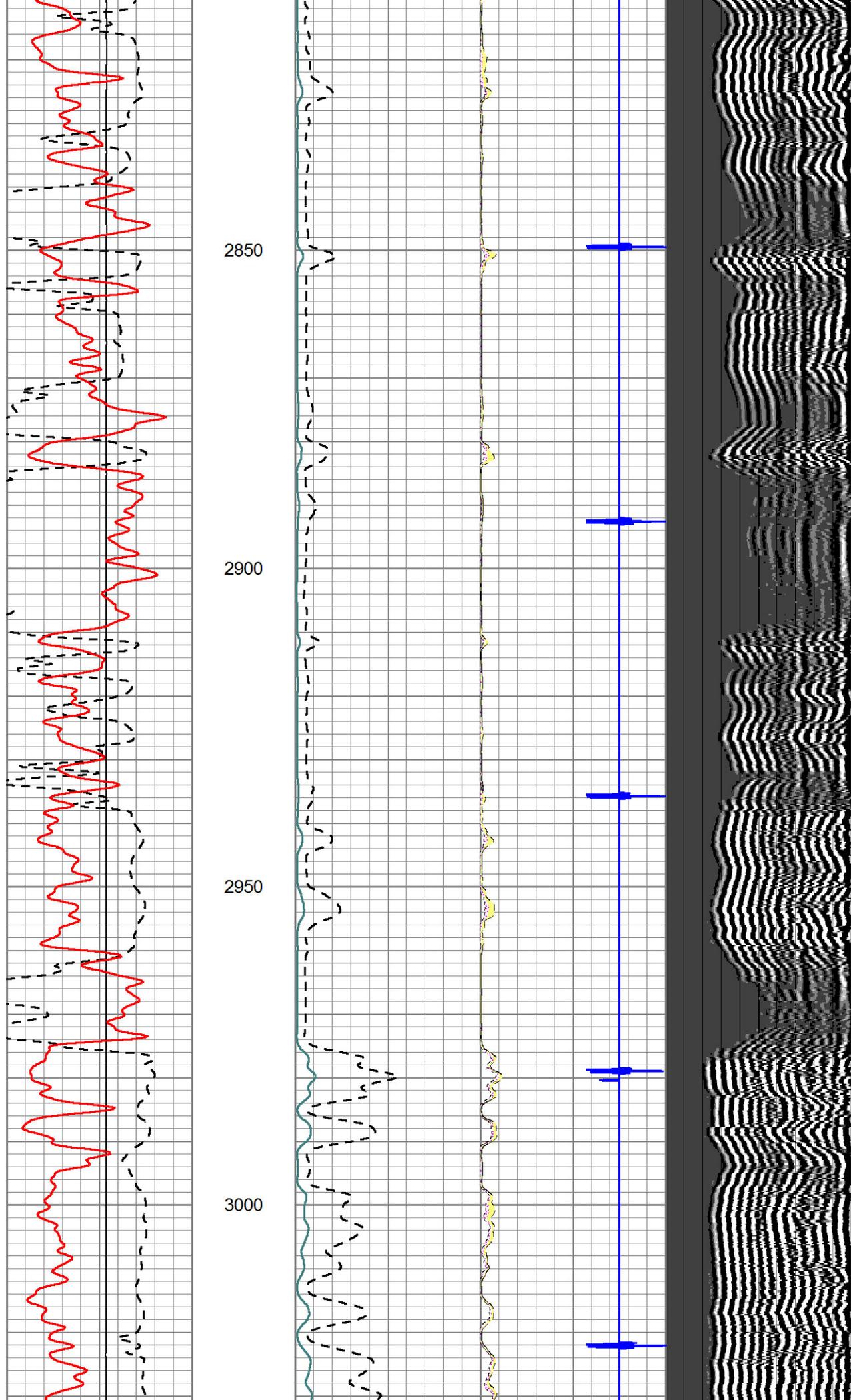
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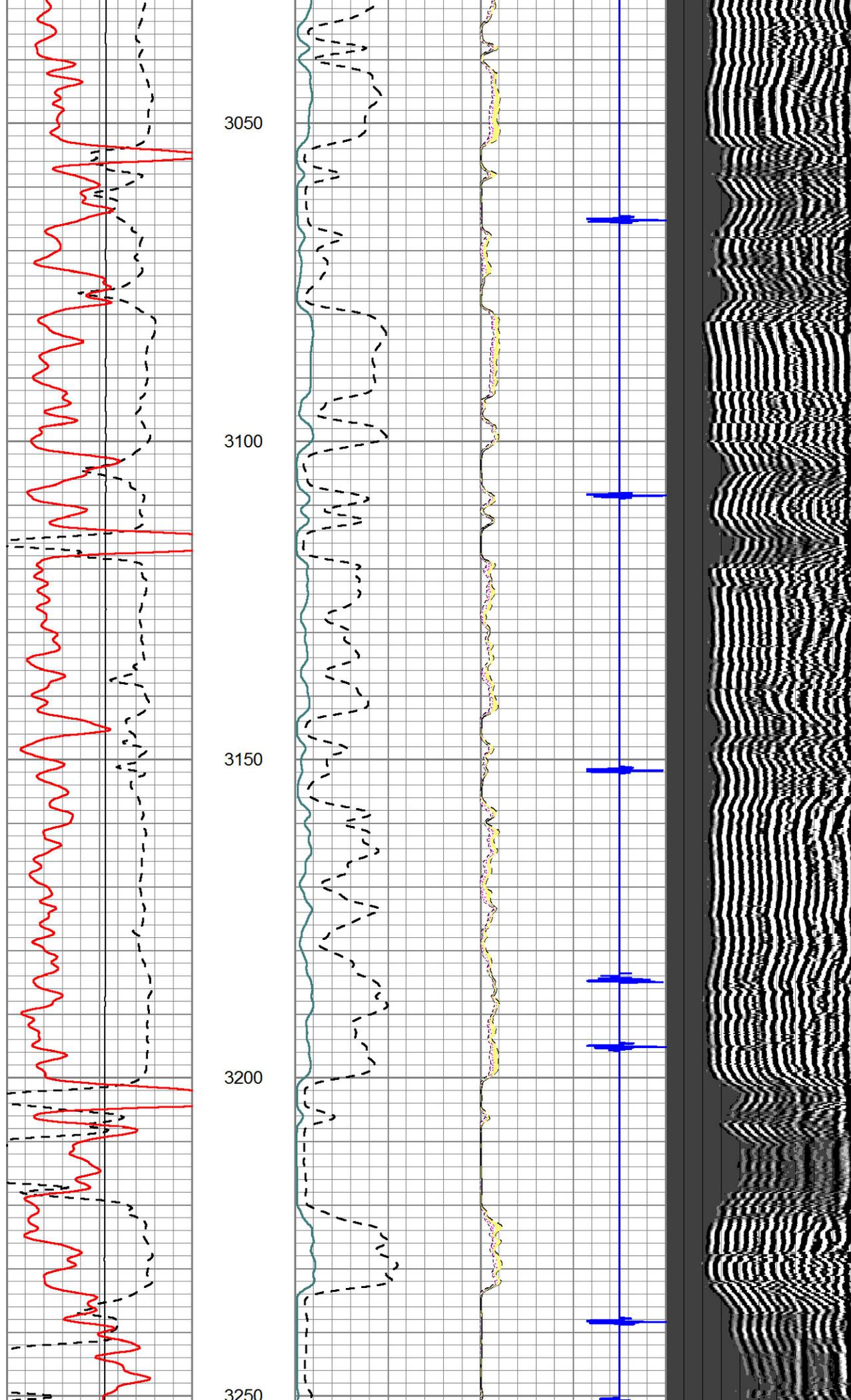
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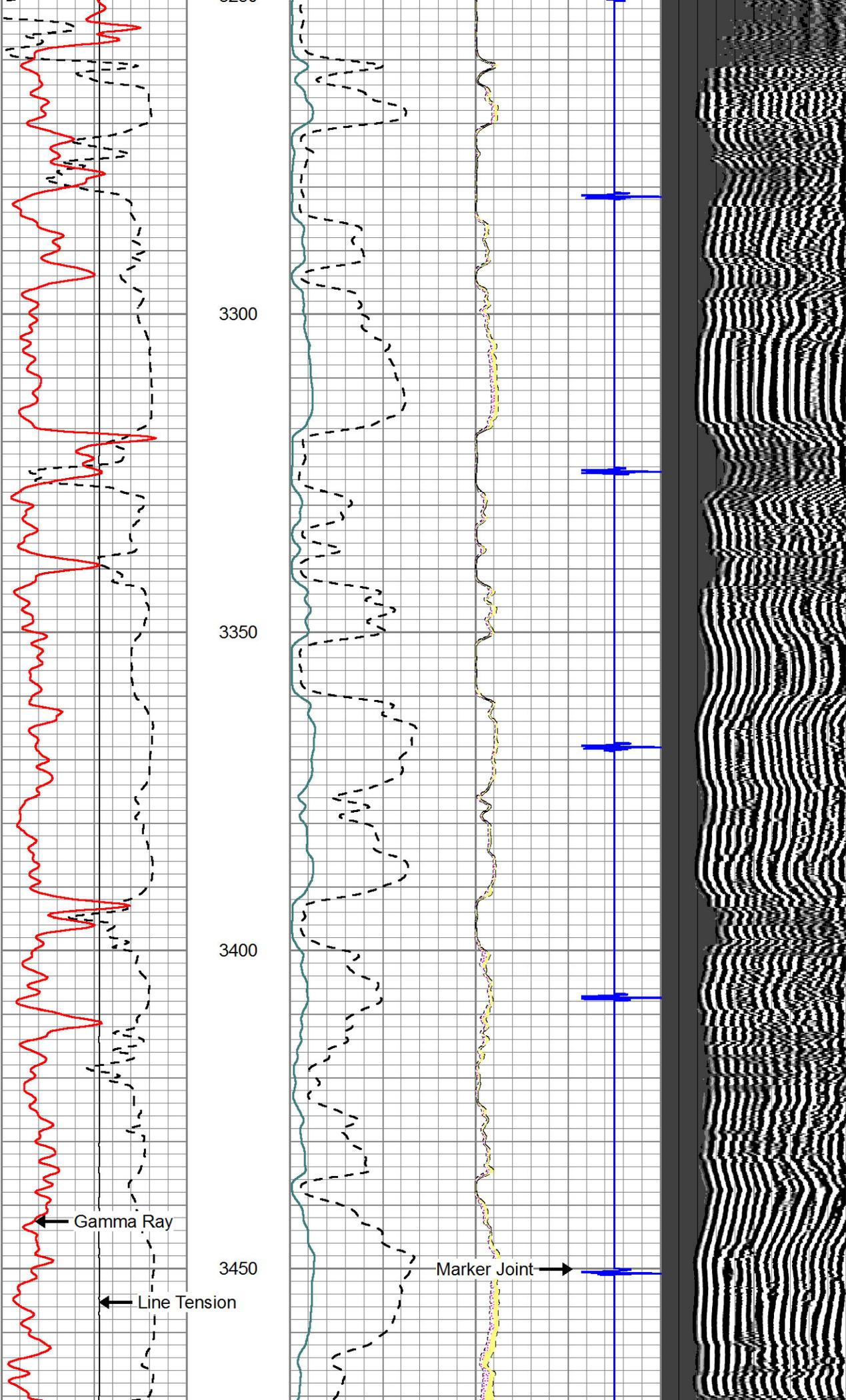
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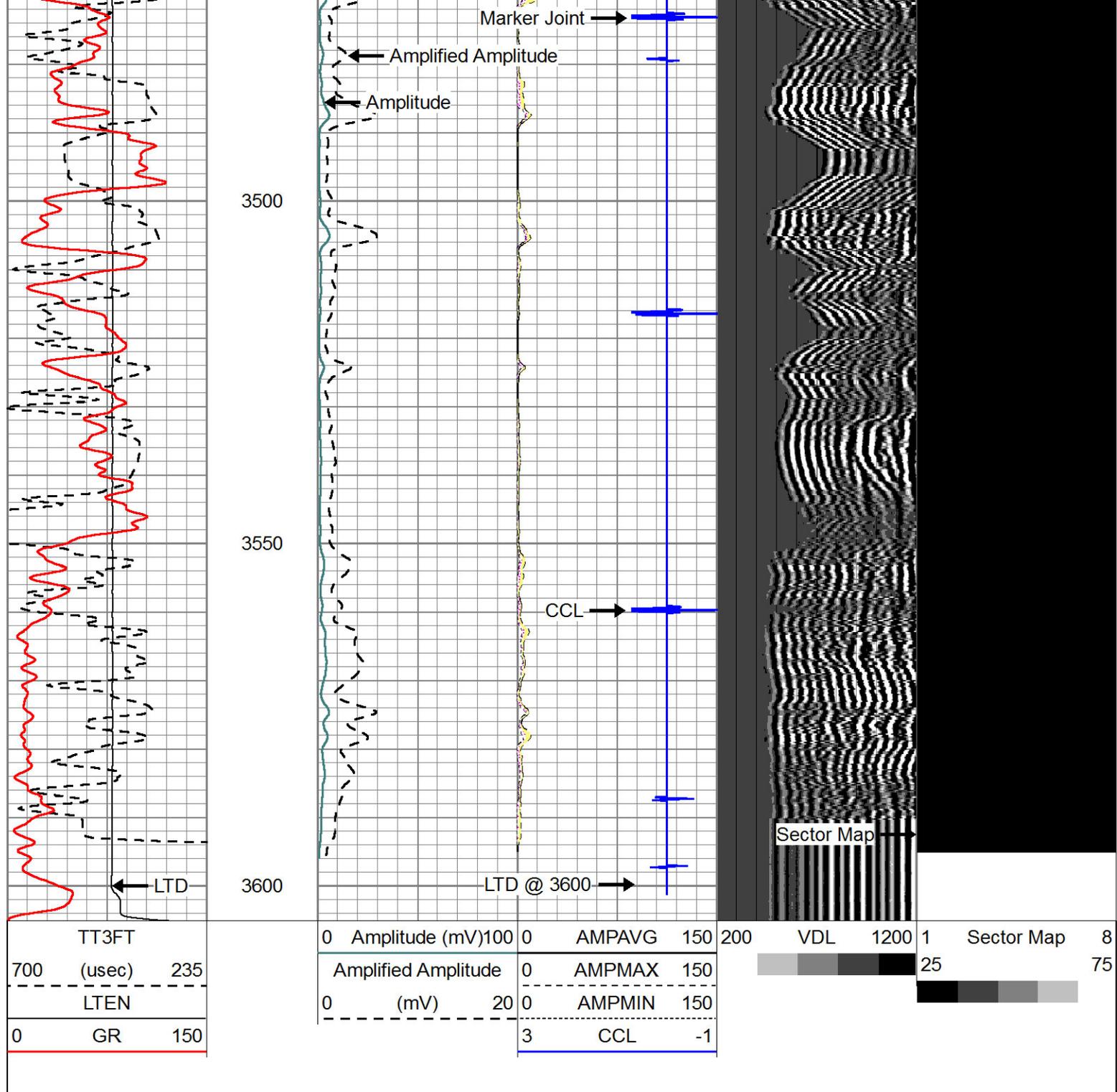






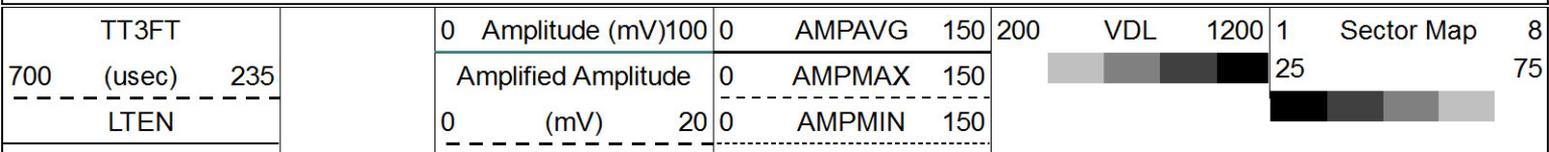






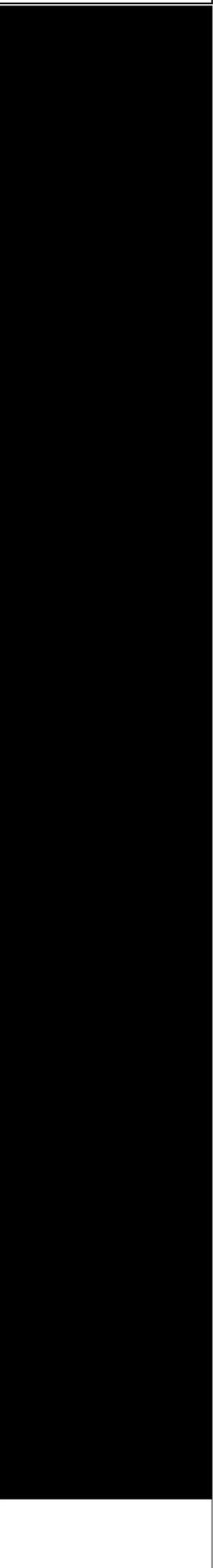
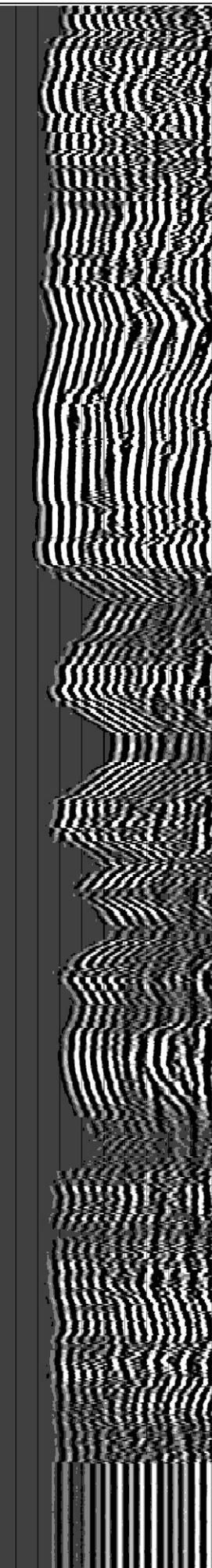
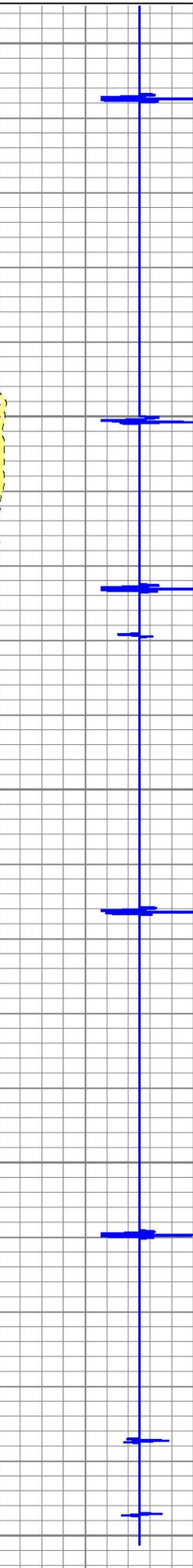
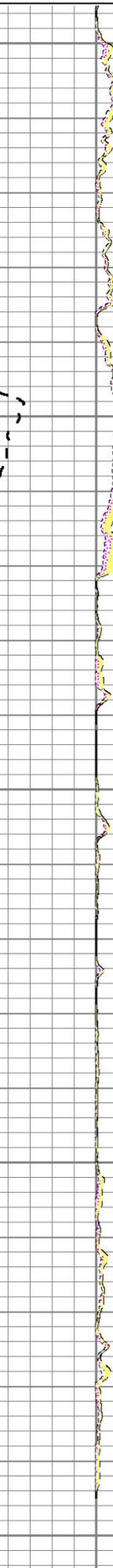
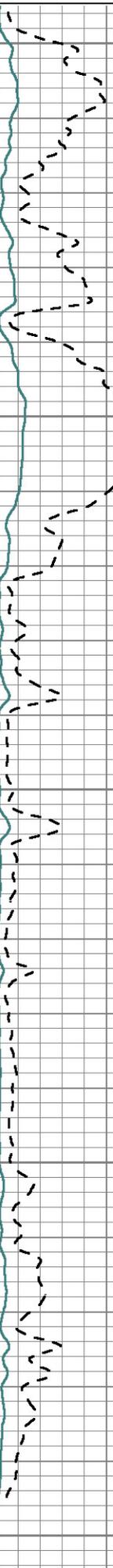
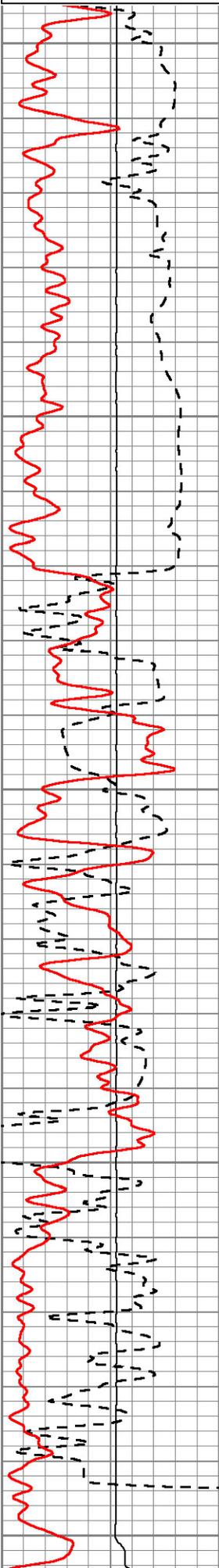
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0 GR 150

3 CCL -1



TT3FT		
700	(usec)	235

LTEN		
0	GR	150

0	Amplitude (mV)	100

Amplified Amplitude		
0	(mV)	20

3	CCL	-1

0	AMPAVG	150	200	VDL	1200	1	Sector Map	8

0	AMPMAX	150				25	75	

0	AMPMIN	150						

Sector Map								

Sector Map								