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Pioneer Energy Services

CEMENT BOND LOG WITH GAMMA RAY/ CCL

Company GREAT WESTERN OIL & GAS
Well POSTLE IC 11-342 HC
Field WATTENBERG
County WELD
State CO
Country USA

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Location: API # : 05-123-38972

SHL 498'FSL & 250'FWL, Sec.12
BHL 780'FSL & 470'FWL, Sec.11
SEC 11 TWP 3N RGE 68W

Other Services
NONE

Permanent Datum	GL	Elevation	4927'
Log Measured From			
Drilling Measured From	KB 18'		

Elevation
K.B. 4945'
D.F. 4944'
G.L. 4927'

Date	9/4/2014		
Run Number	ONE		
Depth Driller	UNK		
Depth Logger	6720'		
Bottom Logged Interval	6720'		
Top Log Interval	SURFACE		
Open Hole Size	8 7/8"		
Type Fluid	WATER		
Density / Viscosity	NA		
Max. Recorded Temp.	NA		
Estimated Cement Top	SEE LOG		
Time Well Ready	14:00		
Time Logger on Bottom	14:30		
Equipment Number	41		
Location	FORT MORGAN		
Recorded By	TIM REESE		
Witnessed By	LUKE		

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String				
Prot. String				
Production String				
Liner				

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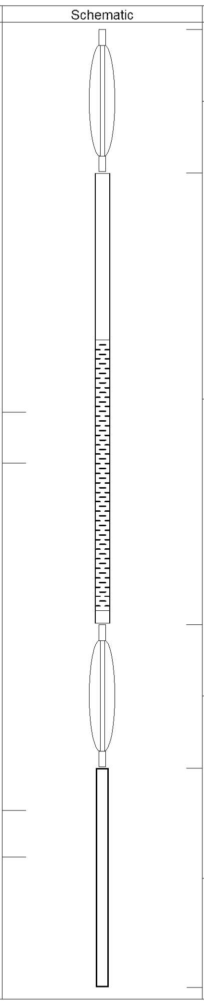
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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

THANK YOU FOR USING PIONEER ENERGY SERVICES
WELL LOGGED UNDER 2500 PSI



Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			PTS275	2.83	2.75	
WVF3 WVF5	11.35 10.35		CBL-Probe (275) Probe 2.75" Dual Receiver Bond	8.92	2.75	60.00
			PTS275	2.83	2.75	
CCL GR	3.50 2.58		GR-Top_det (275_Top)	4.33	2.75	

Dataset: postle ic 11-342hc.db: field/well/run1/pass3
Total Length: 18.92 ft
Total Weight: 60.00 lb
O.D. 2.75 in

Calibration Report

Database File: postle ic 11-342hc.db
Dataset Pathname: pass1
Dataset Creation: Thu Sep 04 13:48:39 2014 by Log 7.0 B1

Gamma Ray Calibration Report

Serial Number:	275_Top	
Tool Model:	Top_det	
Performed:	Fri Aug 29 09:06:30 2014	
Calibrator Value:	200.0	GAPI
Background Reading:	45.1	cps
Calibrator Reading:	326.6	cps
Sensitivity:	0.5000	GAPI/cps

Cement Bond Log Calibration Report

Serial Number:	275		
Tool Model:	Probe		
Performed:	Wed Sep 03 19:30:05 2014		
Depth:	174.808	ft	
Casing Diameter:	7	in	
	3' Spacing	5' Spacing	
Signal Zero:	1	1	mV
Calibrated Amplitude:	62.1651	62.1651	mV
Reading at Signal Zero:	0.0106689	0.0108887	V
Reading in Free Pipe:	1.51343	1.68525	V
Gain:	40.7019	36.5303	
Offset:	0.565754	0.602233	

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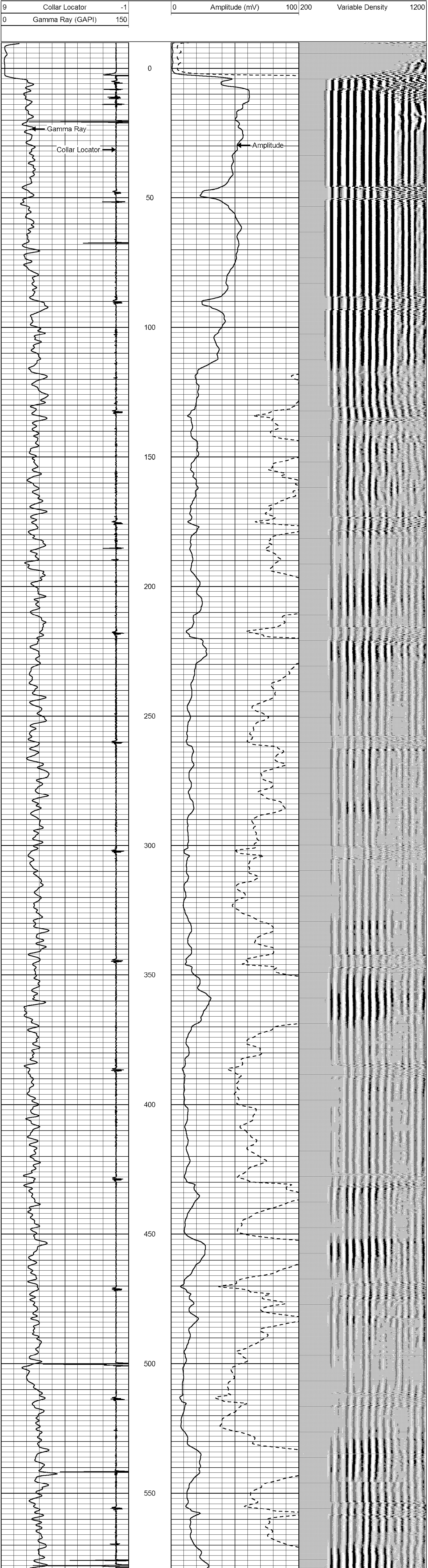
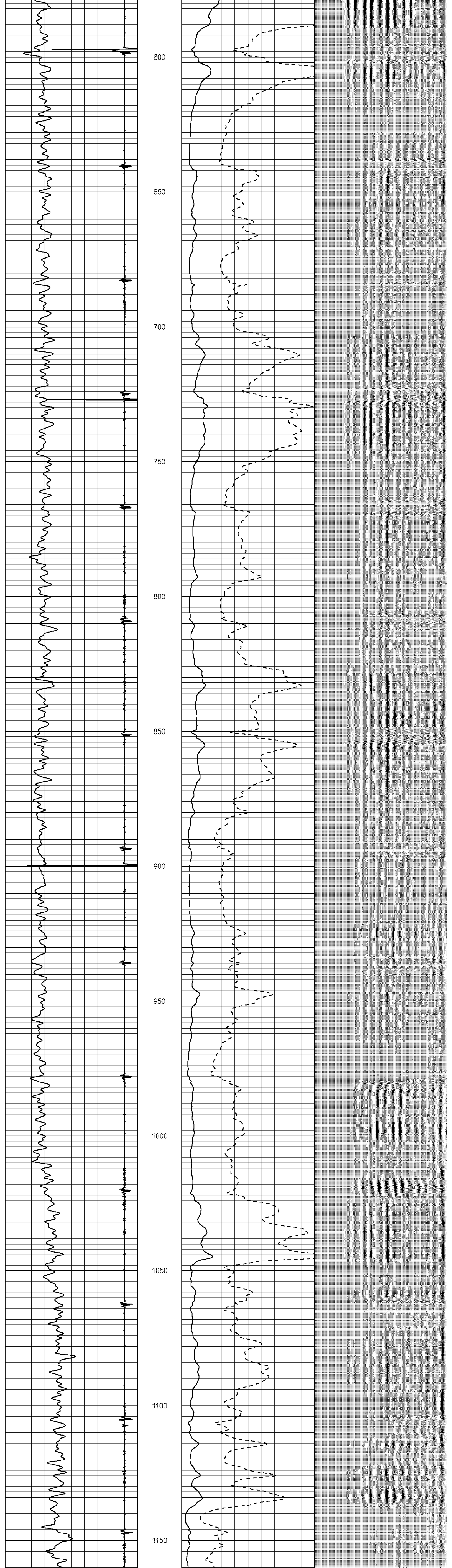
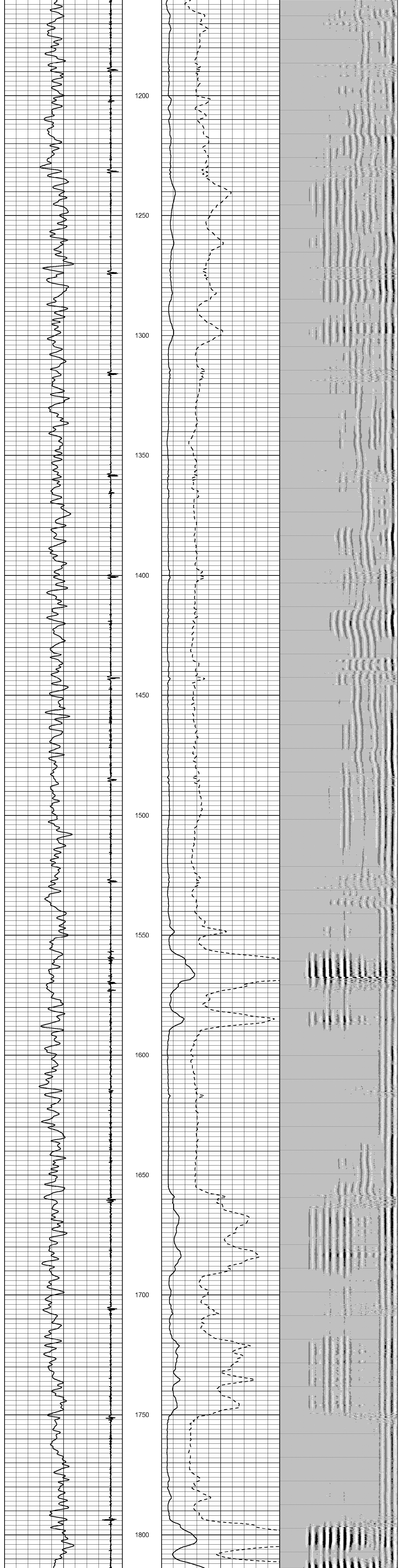
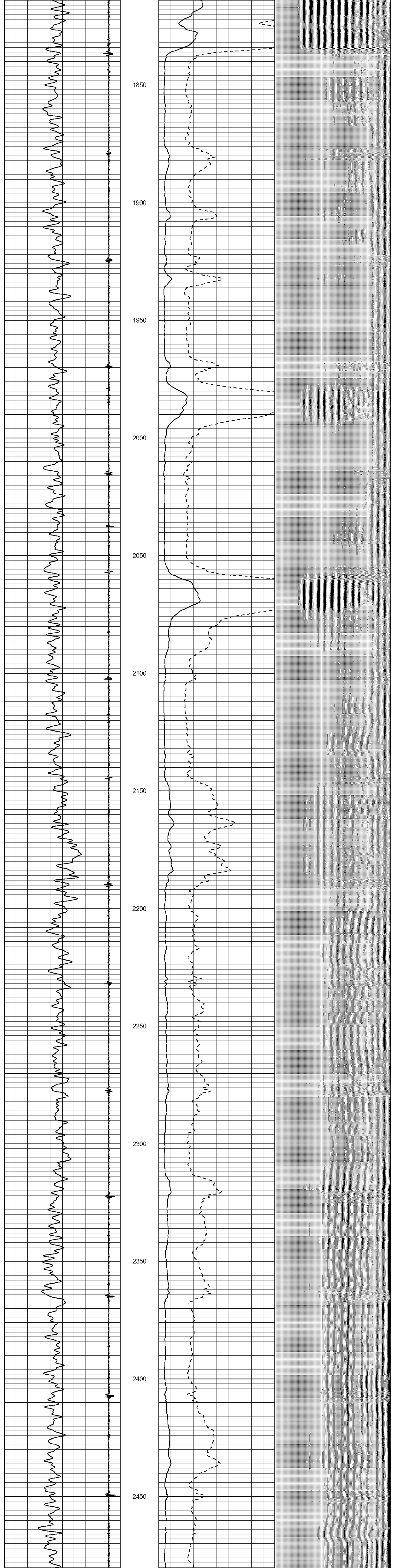
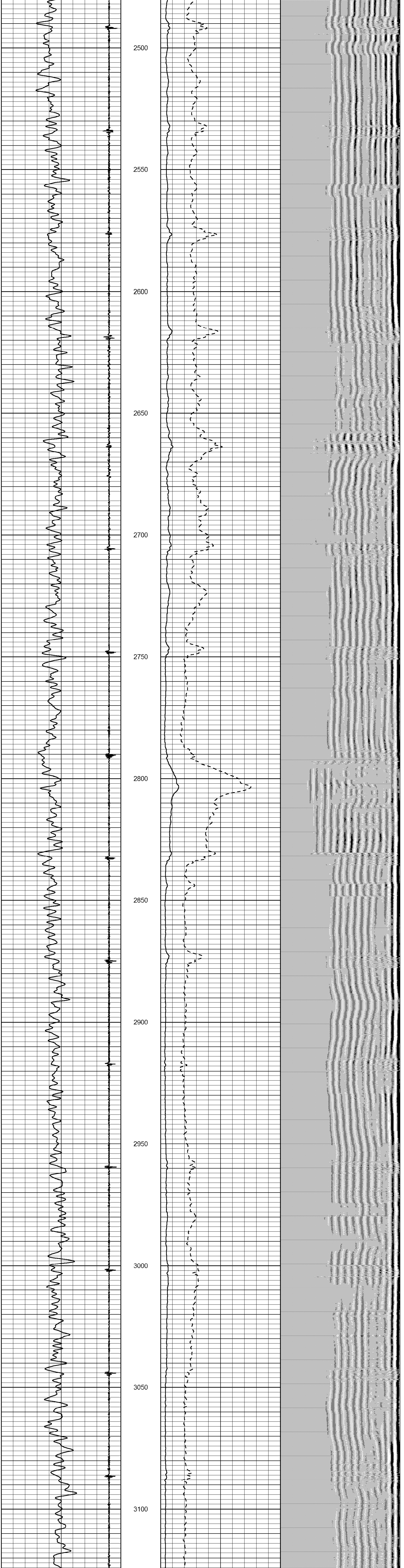
Database File: postle ic 11-342hc.db
Dataset Pathname: pass3
Presentation Format: cbl_dr
Dataset Creation: Thu Sep 04 15:41:39 2014 by Calc 7.0 B1
Charted by: Depth in Feet scaled 1:240

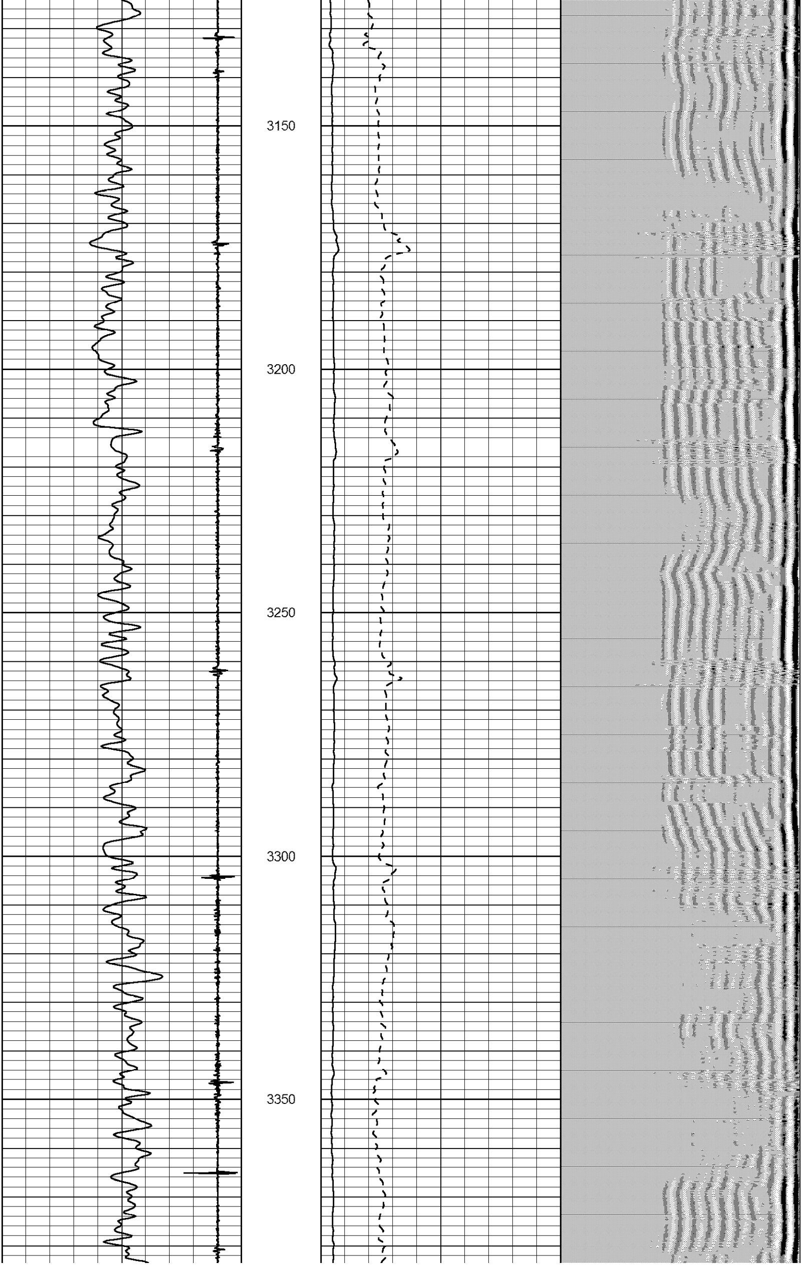


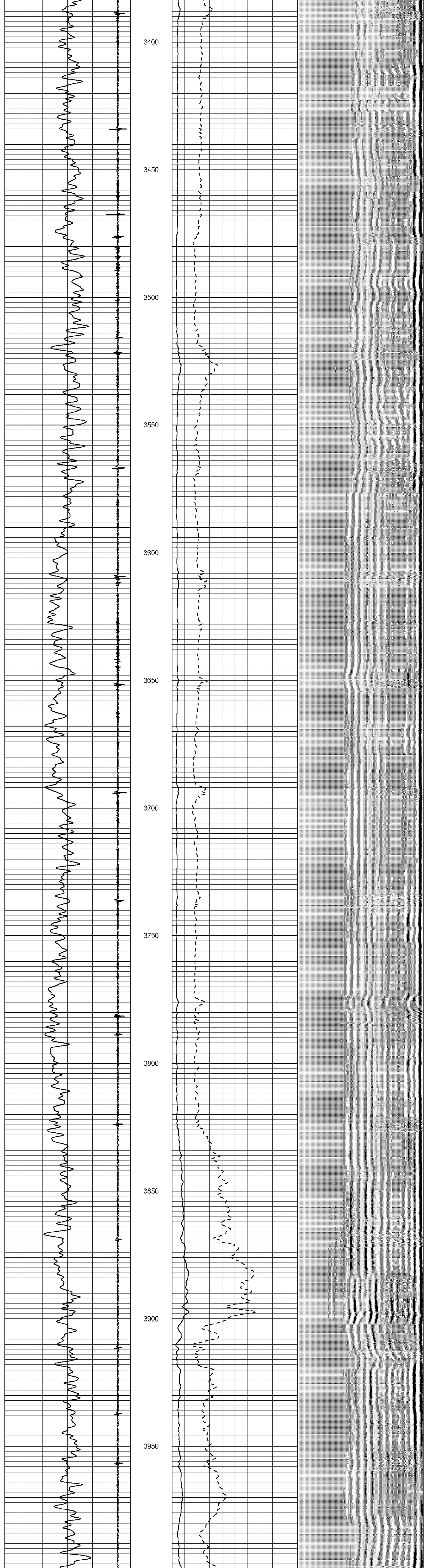


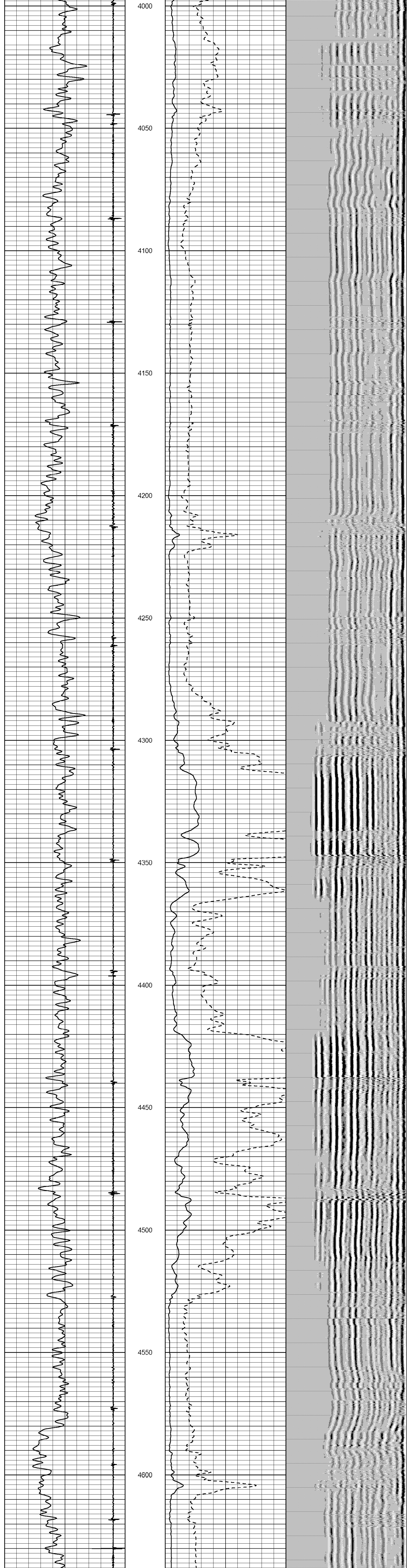


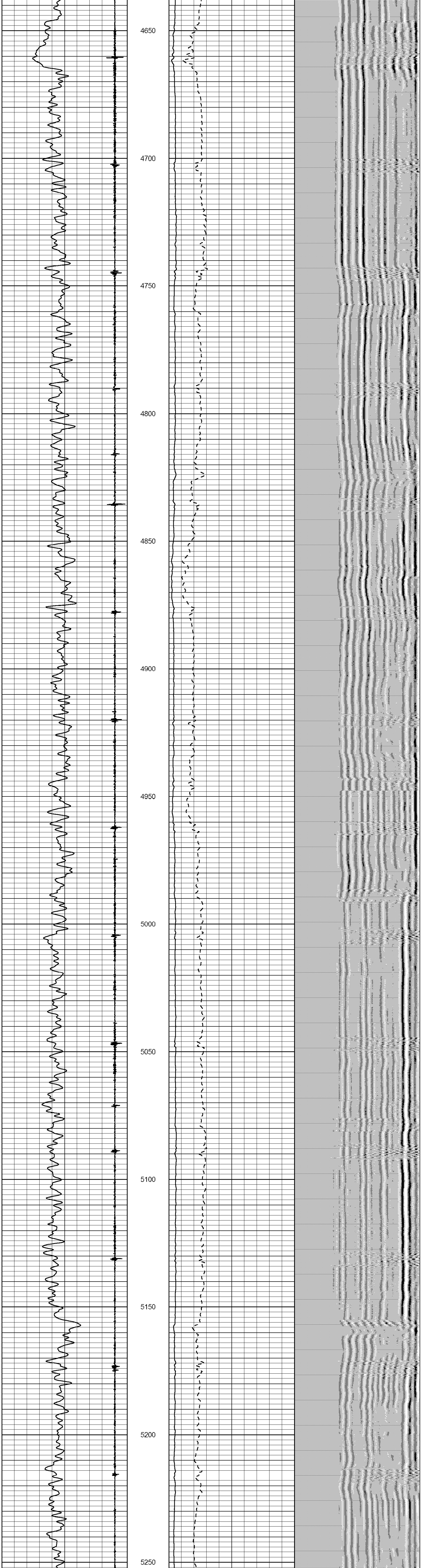


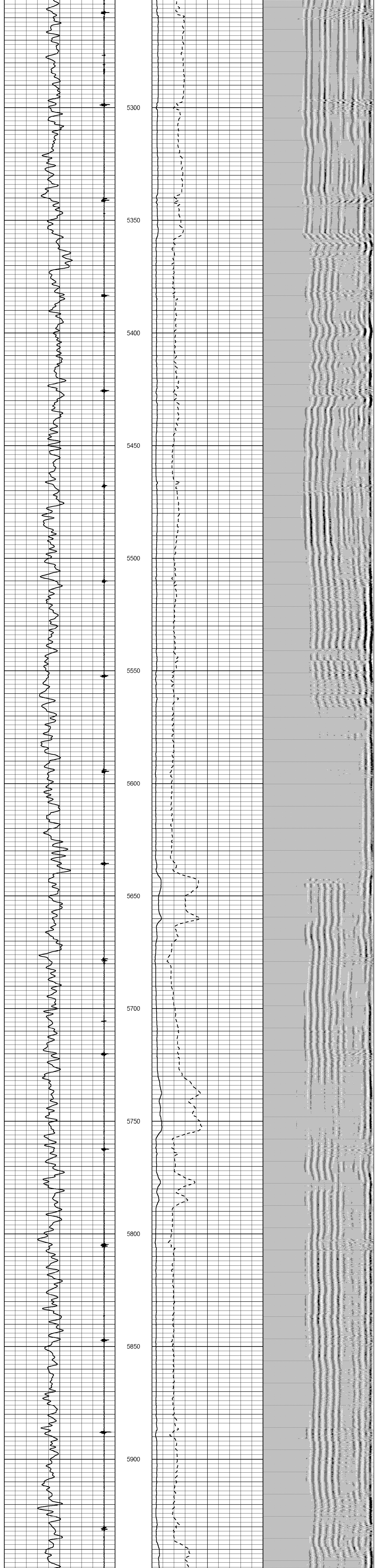


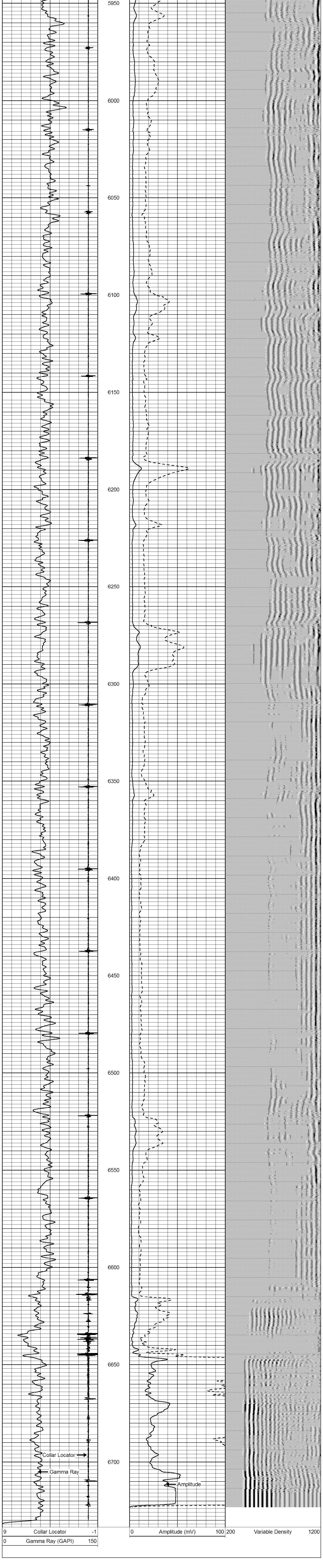












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County	WELD
State	CO
Country	USA