Casedhole Solutions

GAMMA RAY C.C.L.
CEMENT BOND V.D.L.

Company	PDC Energy
Well	LDS 1W - 414
Field	Wattenberg
County	Weld
State	CO

Company PDC Energy

Well LDS 1W - 414

Field Wattenberg

County Weld **State** CO

Location: API # : 05-123-41205

2184' FNL & 334' FEL
SE / NE

SEC 1 TWP 5N RGE 65W

Other Services

Permanent Datum	GL	Elevation	4613'
Log Measured From	KB		
Drilling Measured From	KB		

Elevation
K.B.
D.F.
G.L. 4613'

Date	March 21, 2016		
Run Number	1		
Depth Driller	13,986'		
Depth Logger	7050'		
Bottom Logged Interval	7050'-0'		
Top Log Interval			
Casing Size			
Type Fluid	WATER		
Max. Recorded Temp.	N/A		
Estimated Cement Top			
Time Well Ready			
Time Logger On Bottom			
Unit Number	923827		
Tool Size / ID Number	1-11/16" Probe		
Location	WCRs17+46,W1/2,Sinto		
Recorded By	Meisner		
Witnessed By	Gardella		

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	5.5"			
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.

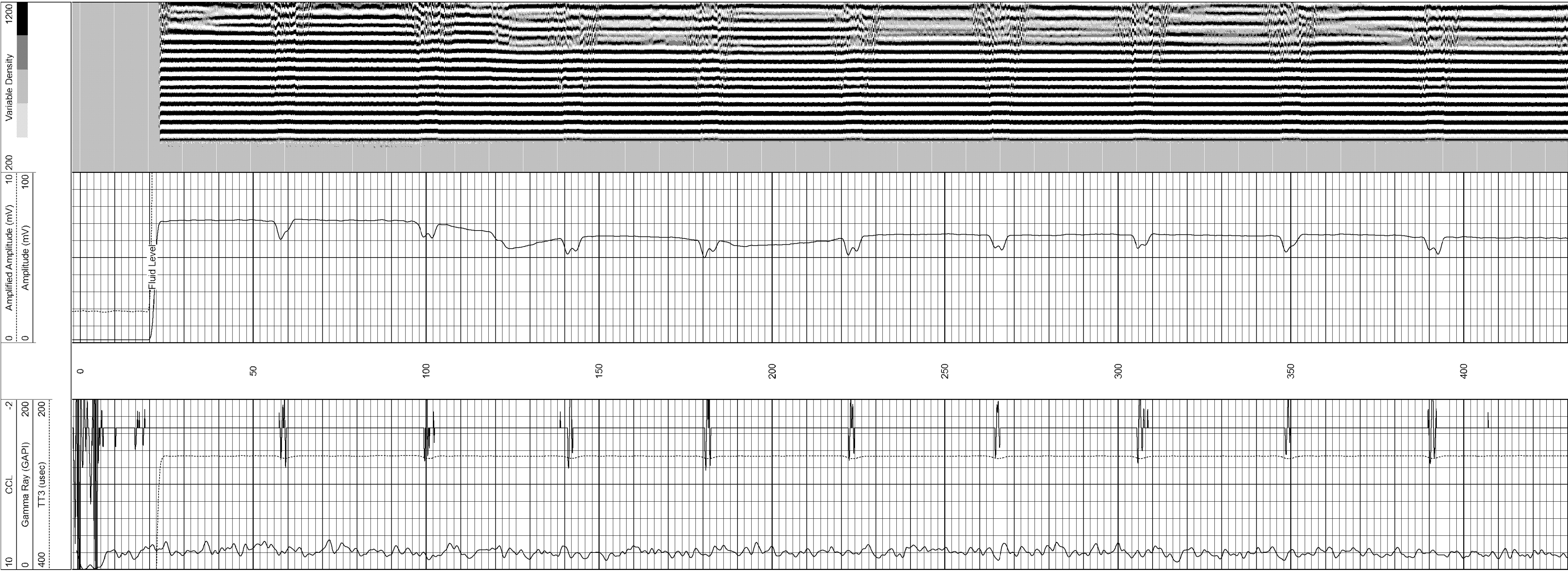
Comments

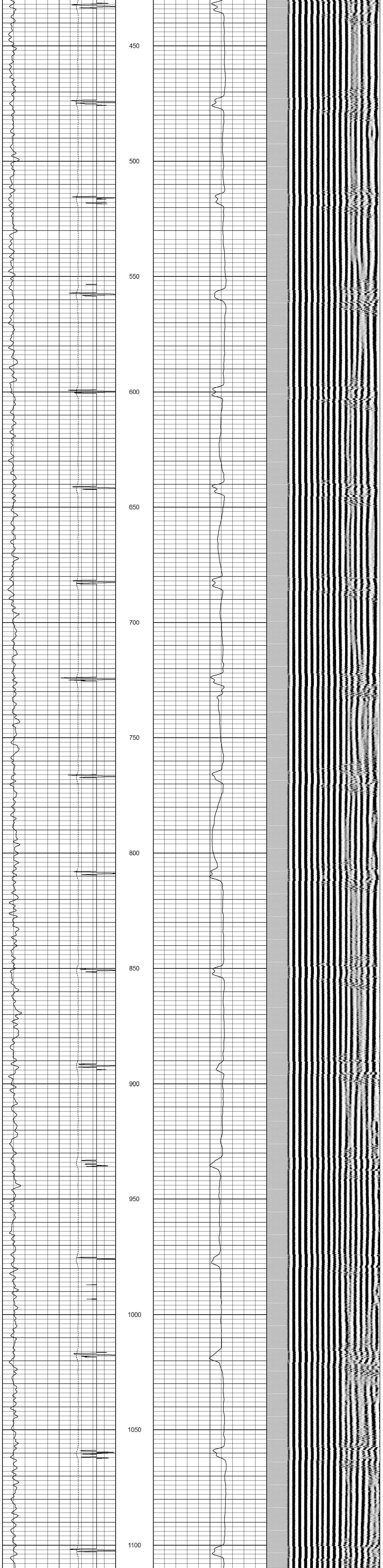
LDS South 4 Well Pad

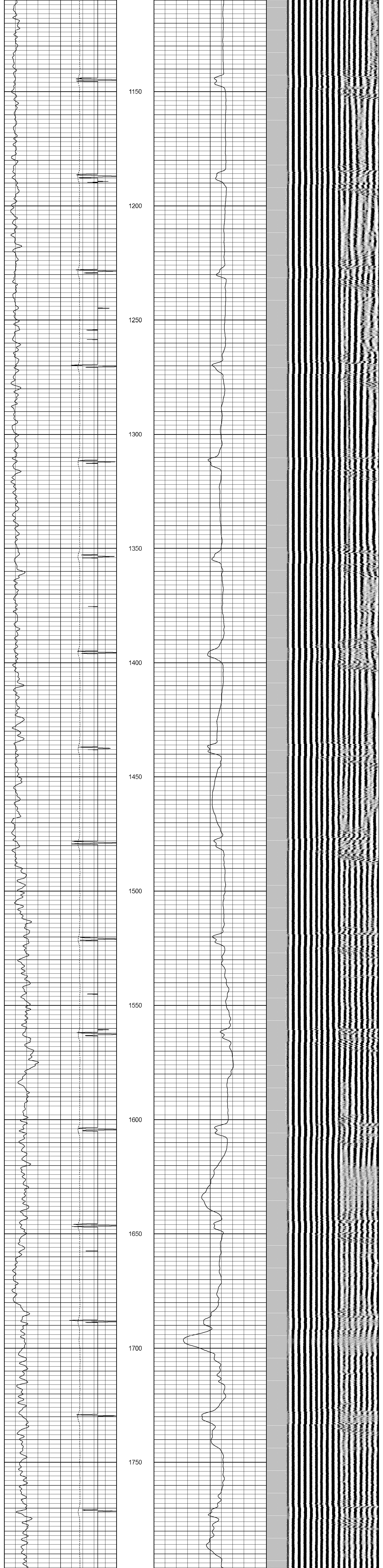
<NORTH> O O O X <SOUTH>

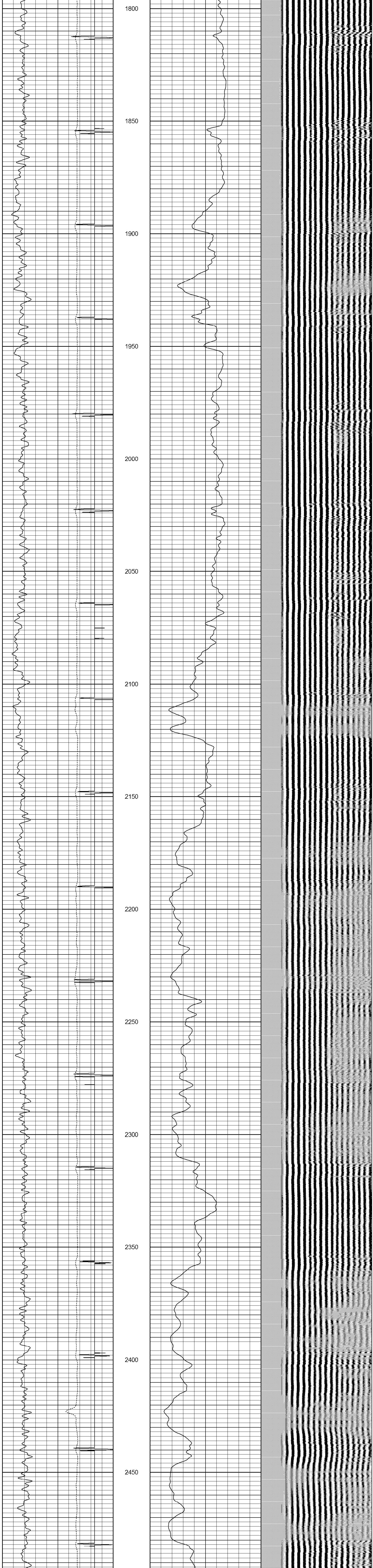
X = LDS 1W - 414

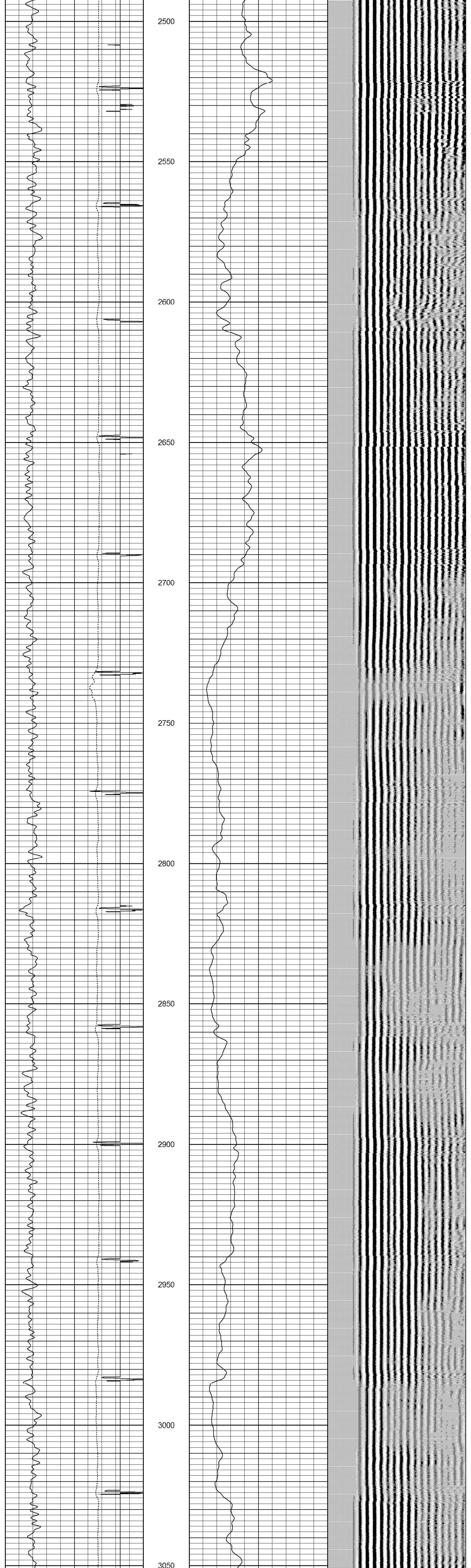
Database File:	pdcl1w414.db
Dataset Pathname:	pass2
Presentation Format:	noble en
Dataset Creation:	Mon Mar 21 11:28:17 2016 by Log 7.0 B1
Charted by:	Depth in Feet scaled 1:240

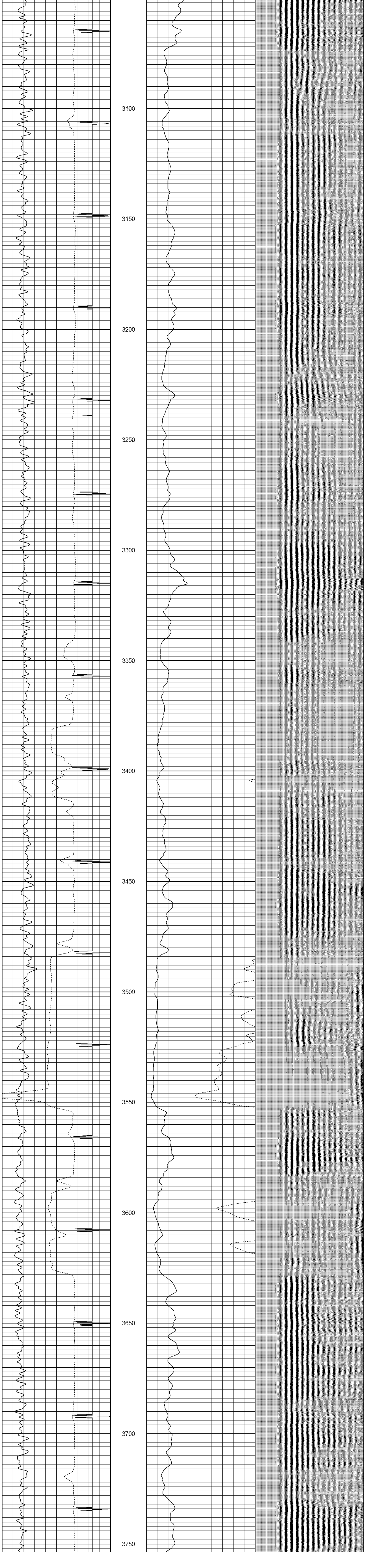


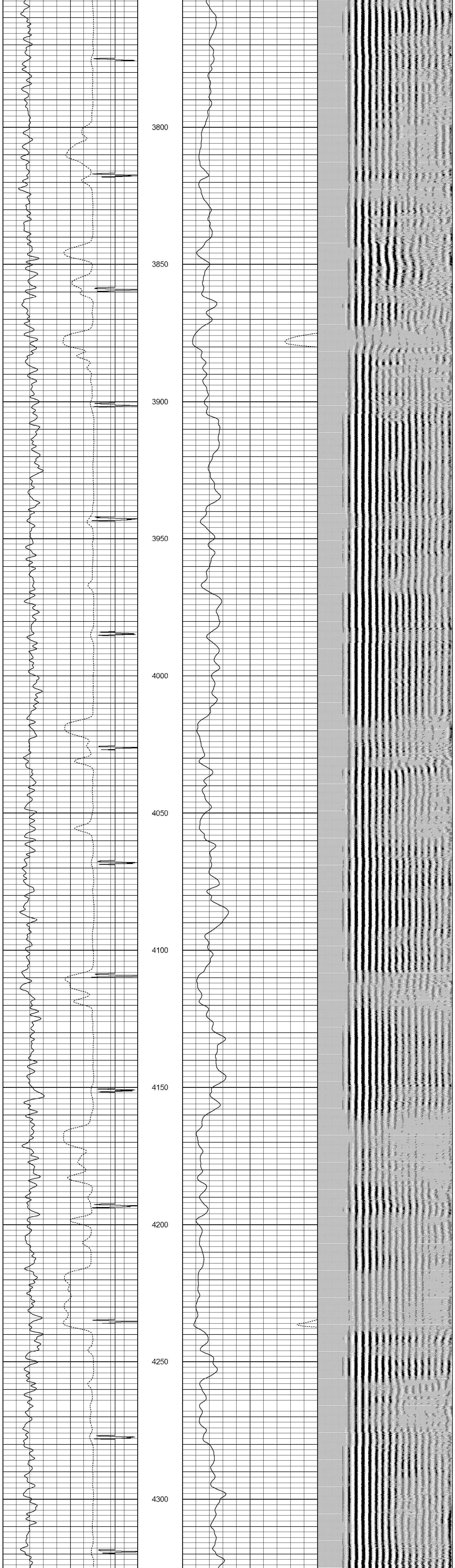


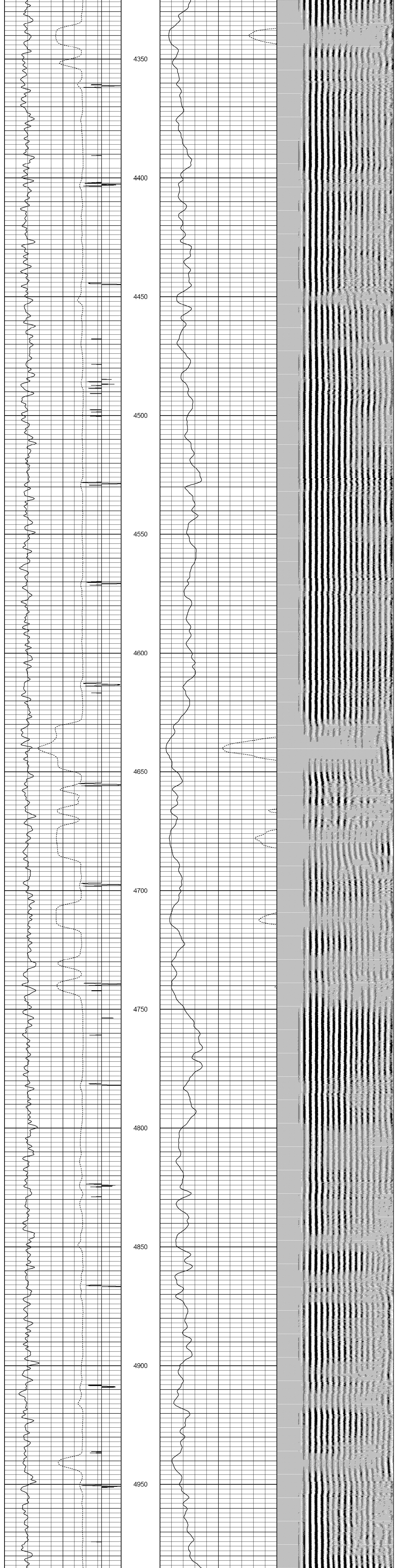


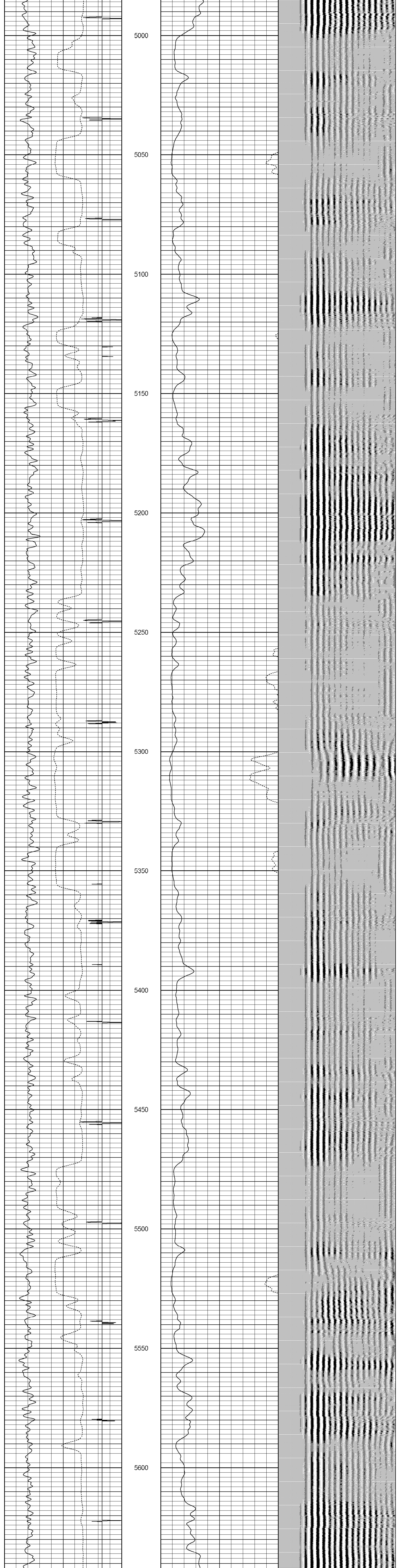


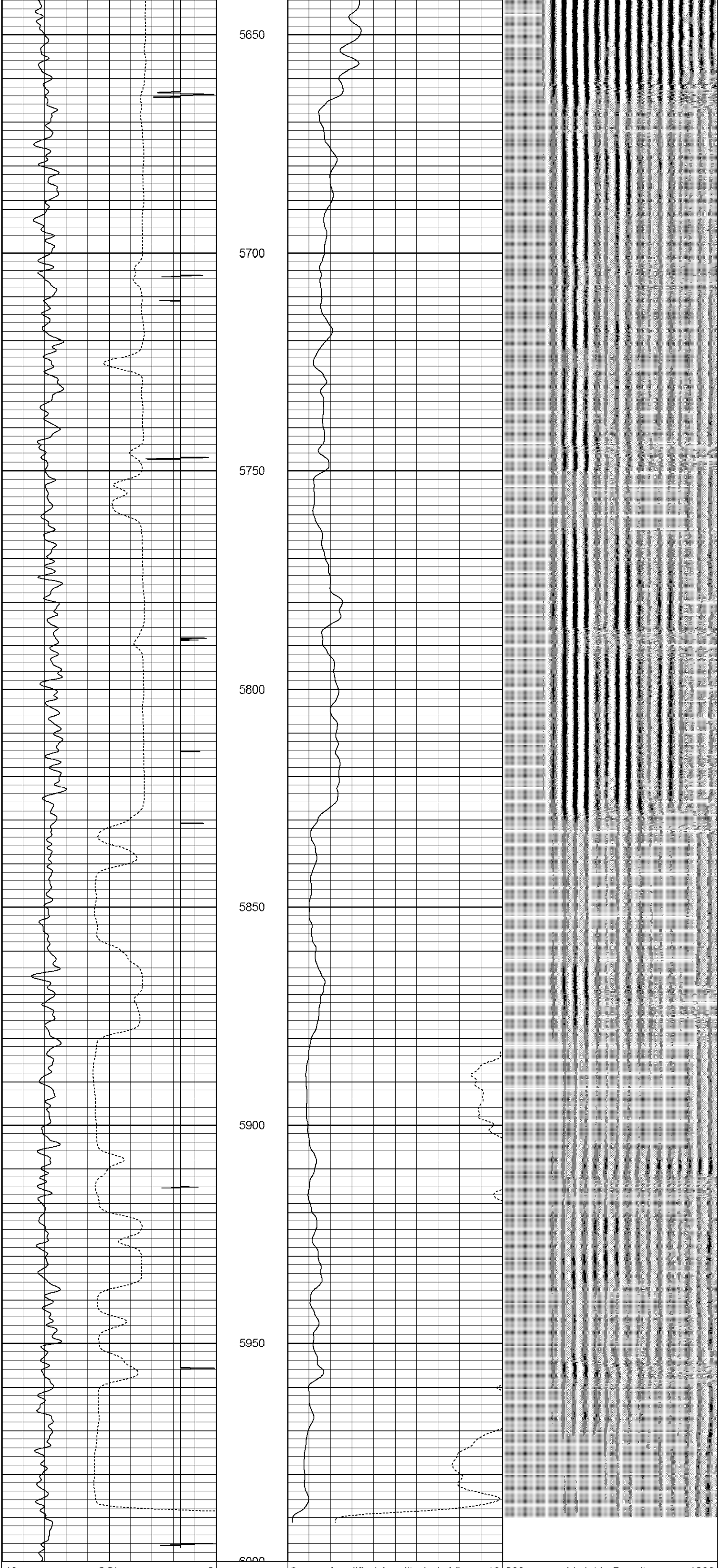












10 CCL -2	0 Amplified Amplitude (mV) 10	200 Variable Density 1200
0 Gamma Ray (GAPI) 200	0 Amplitude (mV) 100	
400 TT3 (usec) 200		

Database File:	pdcl1w414.db
Dataset Pathname:	pass1
Presentation Format:	noble en
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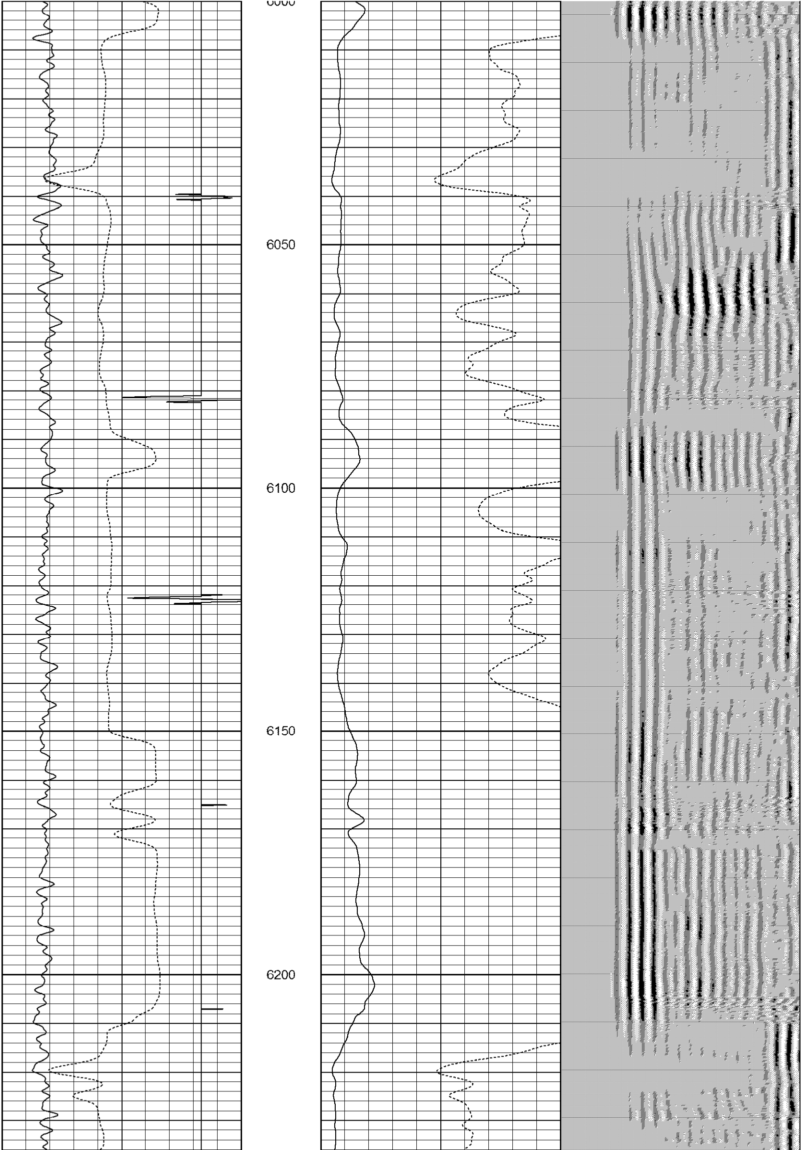
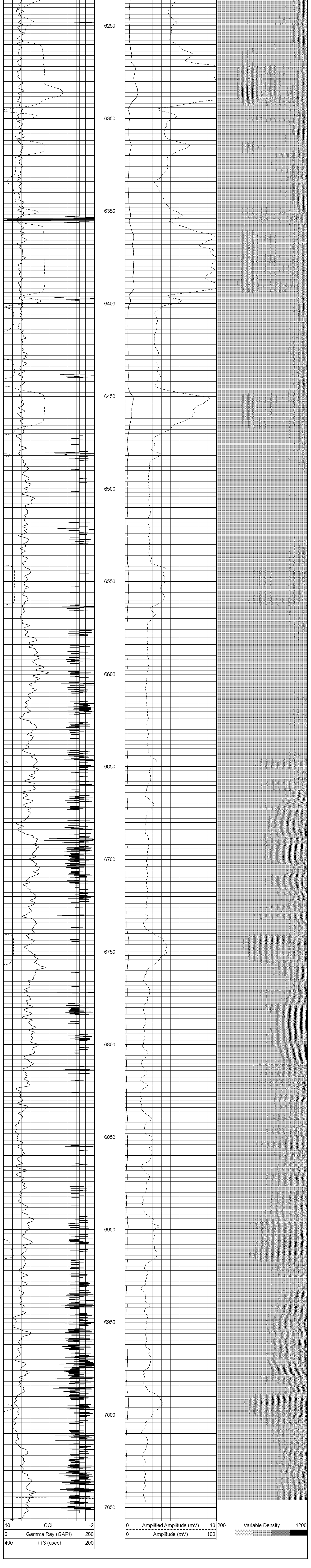
Charted by:	Depth in Feet scaled 1:240

10 CCL -2	0 Amplified Amplitude (mV) 10	200 Variable Density 1200
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