Casedhole Solutions

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

Company	PDC Energy
Well	Dunn 7L - 221
Field	Wattenberg
County	Weld
State	CO

Company PDC Energy
Well Dunn 7L - 221
Field Wattenberg
County Weld
State CO

Location: API # : 05-123-42827

735' FSL & 980' FWL
SW / SW

SEC 7 TWP 5N RGE 64W

Other Services

Permanent Datum	GL	Elevation	4625'
Log Measured From	GL		
Drilling Measured From	KB		

Elevation
K.B.
D.F.
G.L. 4625'

Date	March 10, 2017		
Run Number	1		
Depth Driller	16,888'		
Depth Logger	6950'		
Bottom Logged Interval	6950'-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	2-3/4" Probe Radii		
Location	WCRs58+49.5,w2/10,ninto		
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.

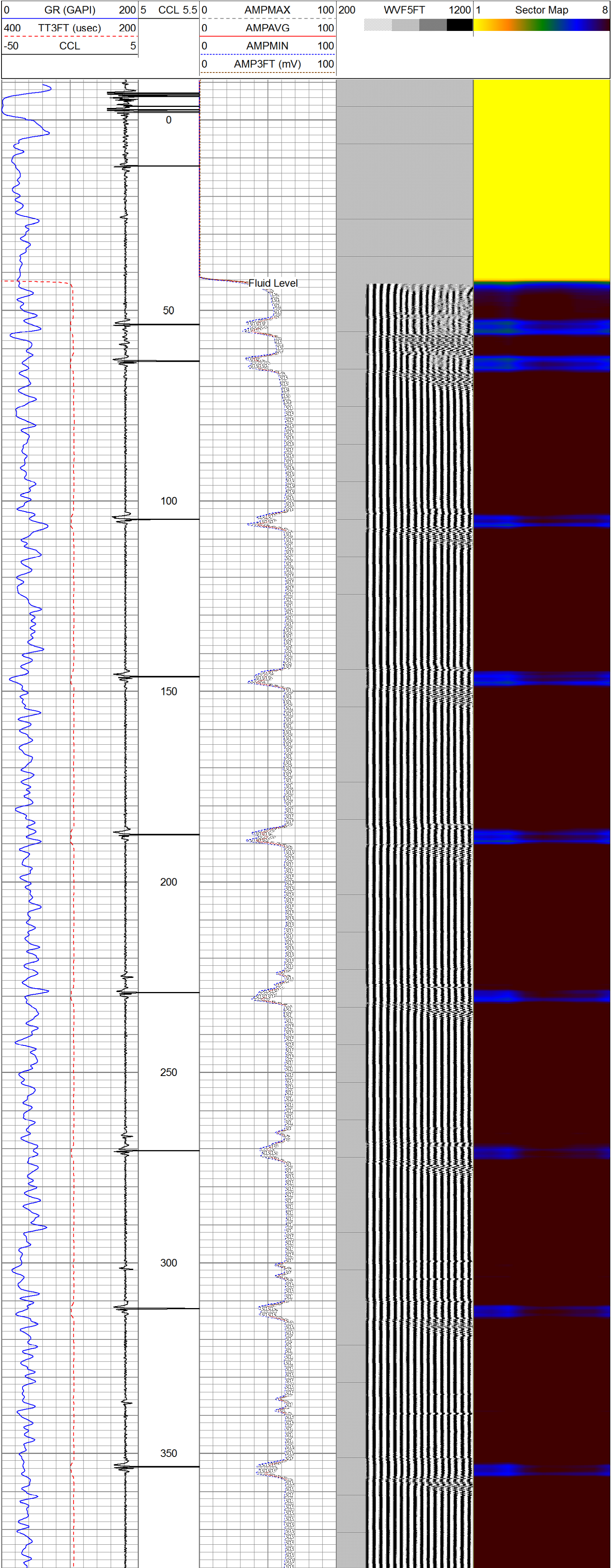
Comments

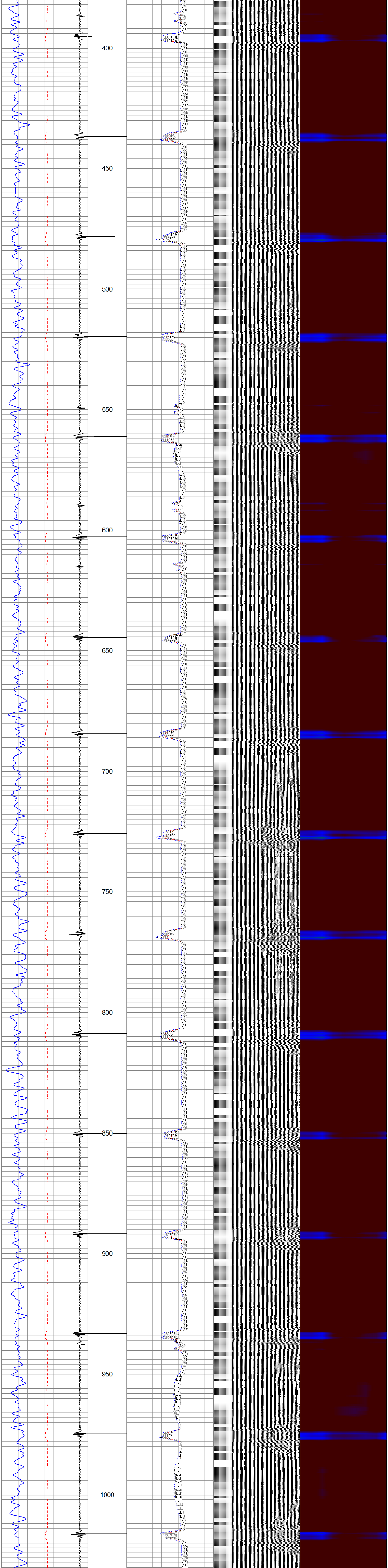
Dunn 5N64W7BL 11 Well Pad

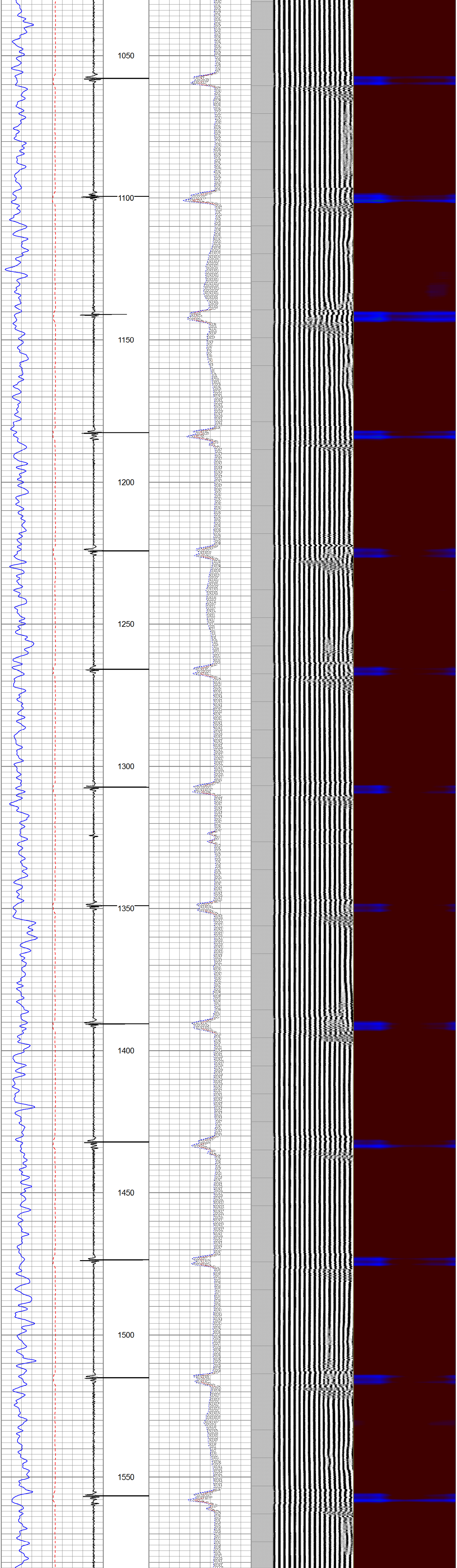
<NORTH> O O O O O O X O O O O <SOUTH>

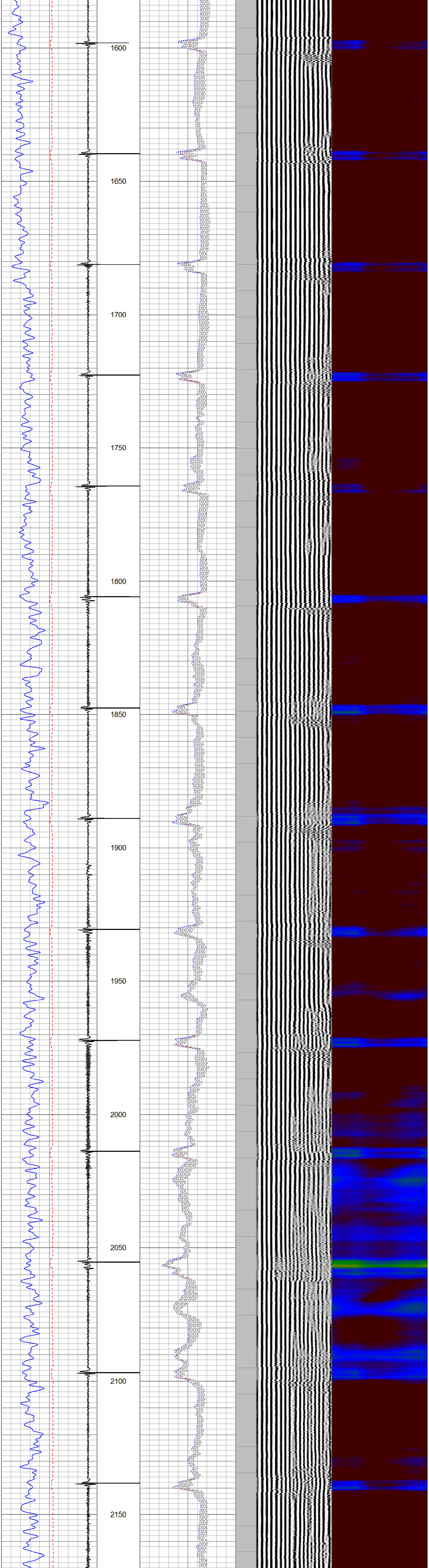
X = Dunn 7L - 221

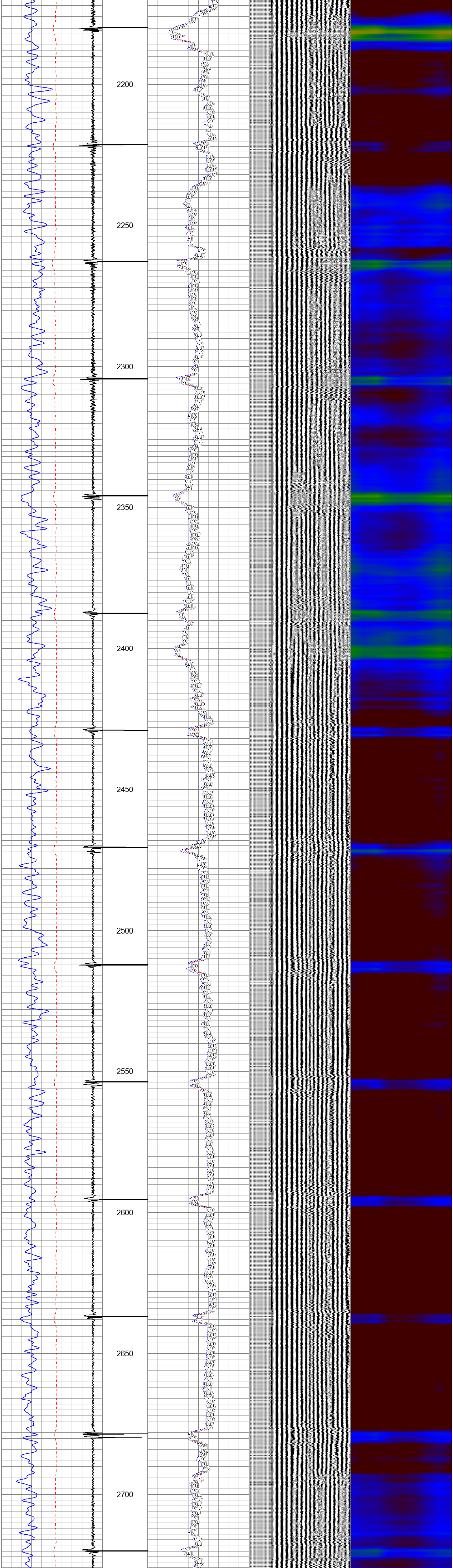
Database File:	pdcd7l221.db
Dataset Pathname:	pass2
Presentation Format:	sector2
Dataset Creation:	Fri Mar 10 12:41:16 2017 by Log 7.0 B1
Charted by:	Depth in Feet scaled 1:240

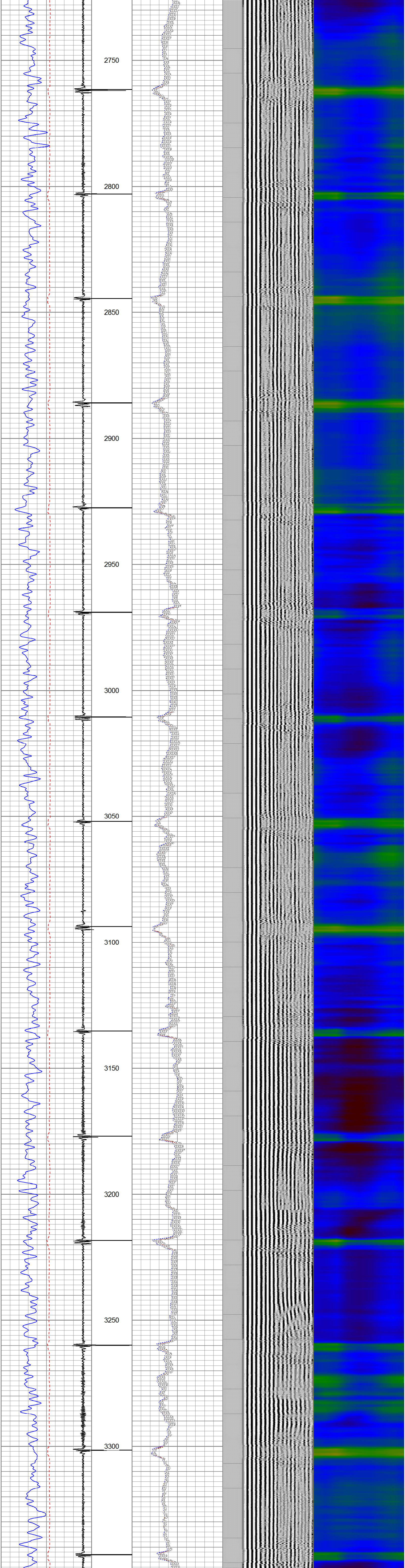


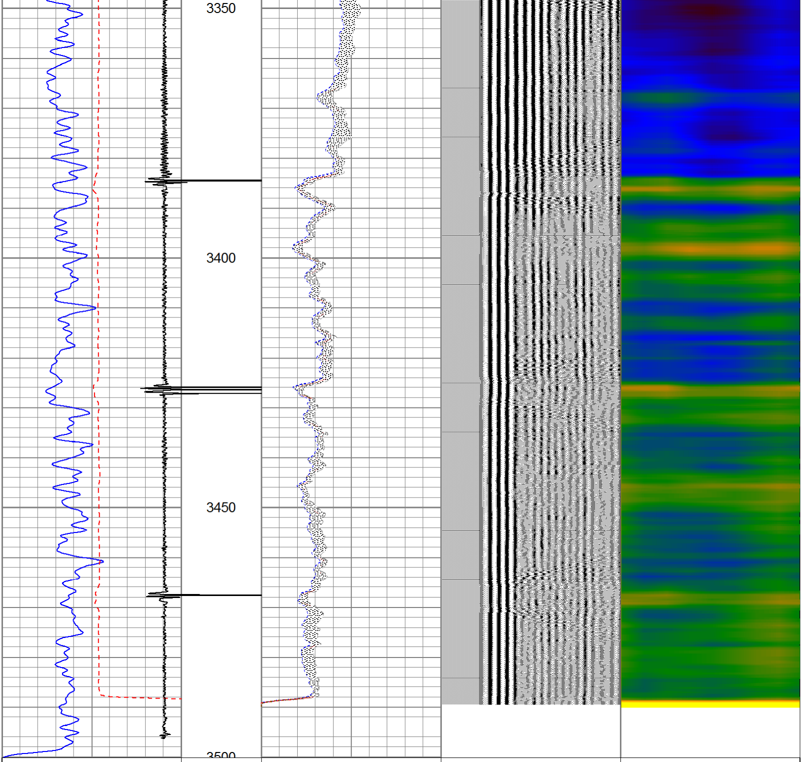












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400 TT3FT (usec) 200		0 AMPAVG 100		
-50 CCL 5		0 AMPMIN 100		
		0 AMP3FT (mV) 100		

Database File:	pdcd7l221.db
Dataset Pathname:	pass1
Presentation Format:	sector2
Dataset Creation:	Fri Mar 10 12:00:46 2017 by Log 7.0 B1
Charted by:	Depth in Feet scaled 1:240

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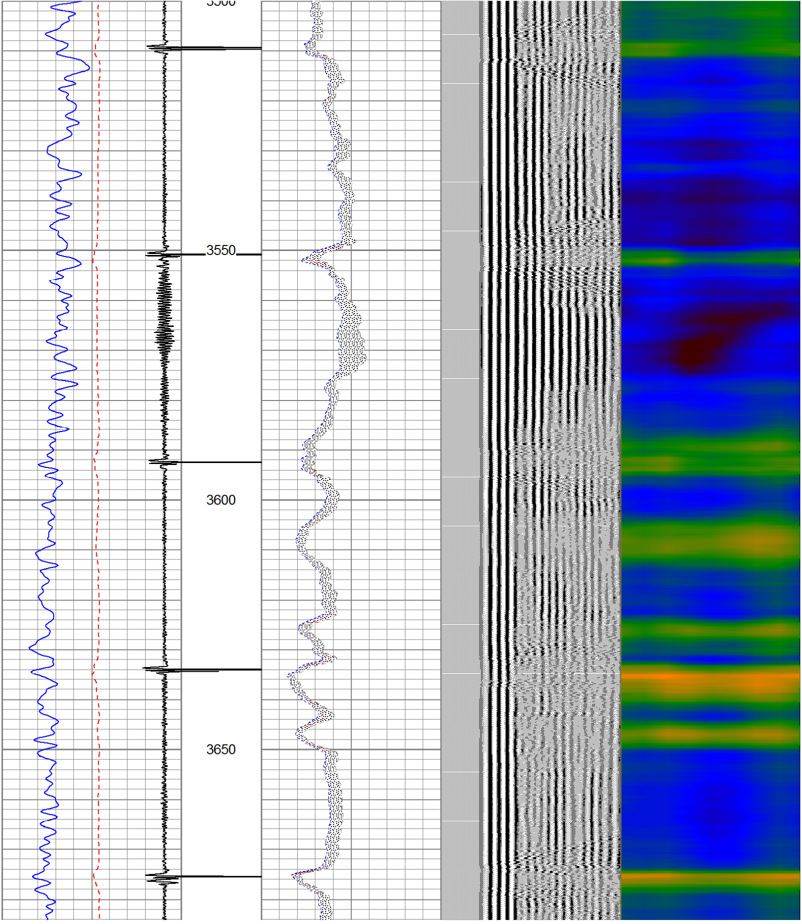
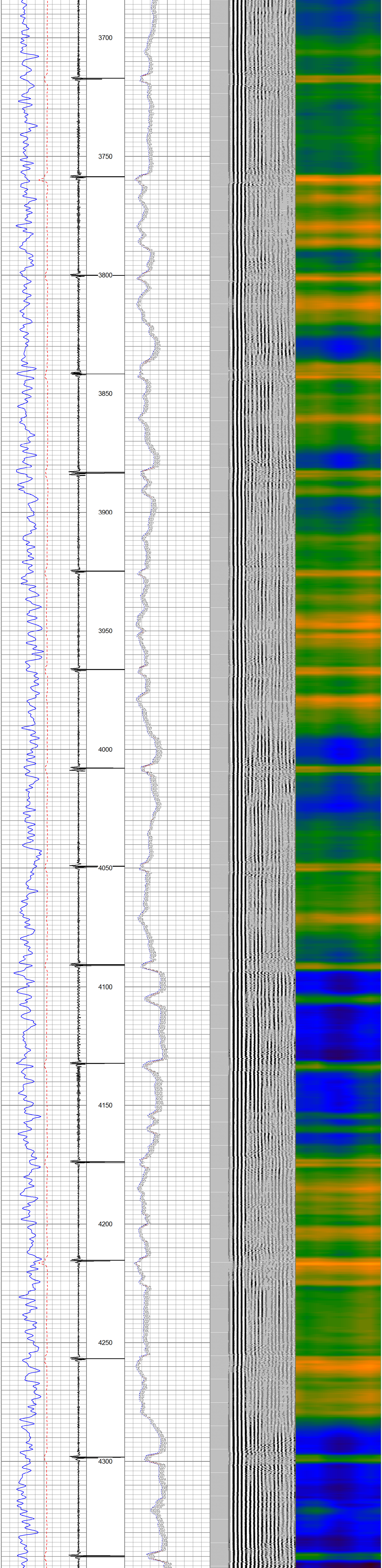
400 TT3FT (usec) 200		0 AMPAVG 100		
-50 CCL 5		0 AMPMIN 100		
		0 AMP3FT (mV) 100		

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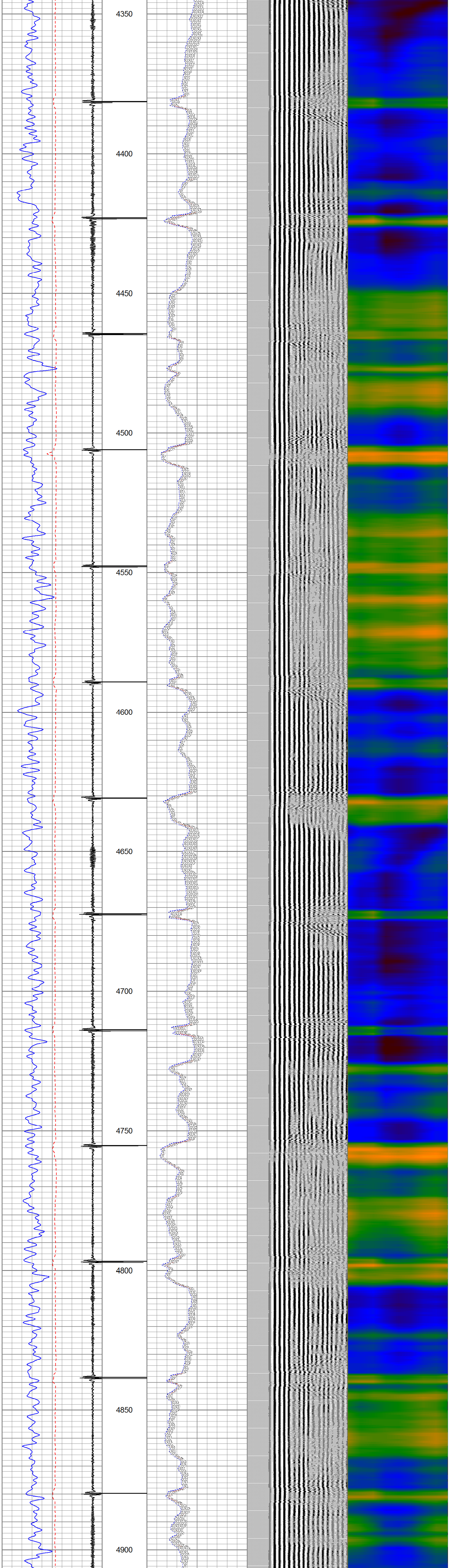
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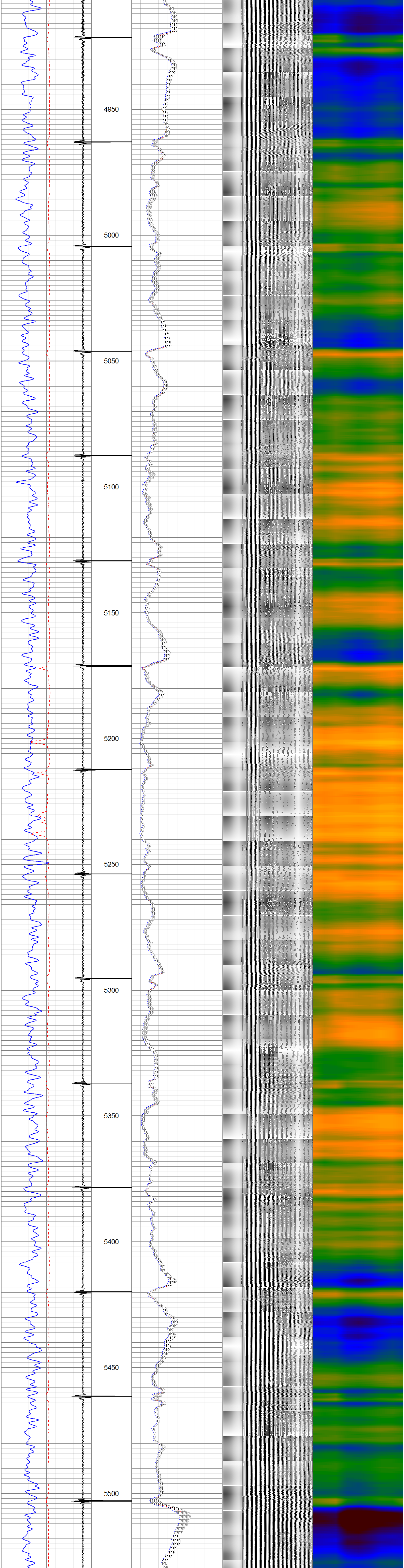
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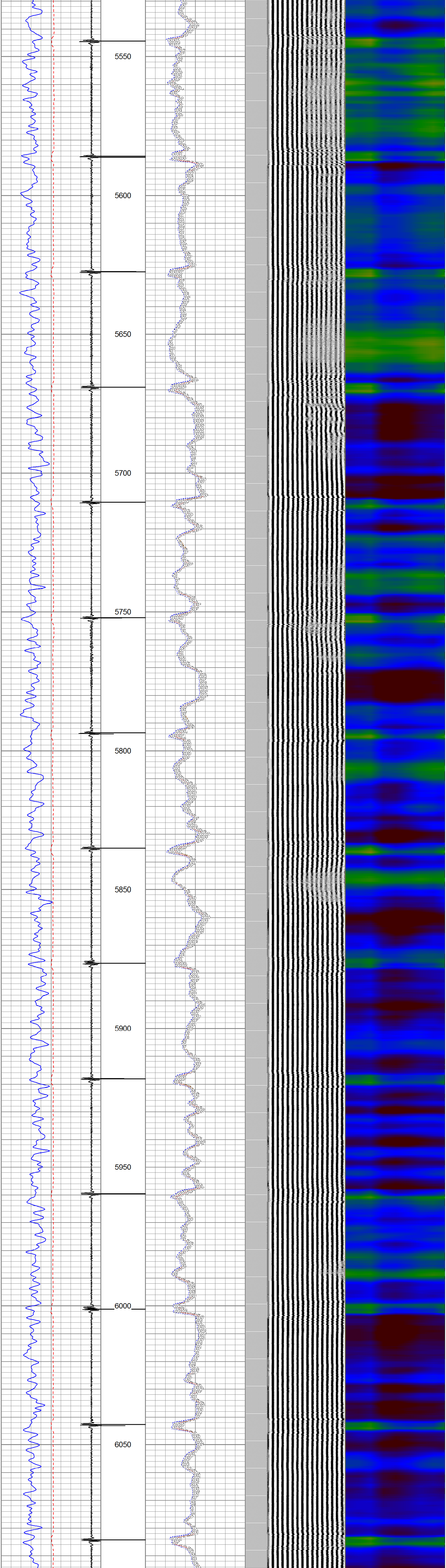
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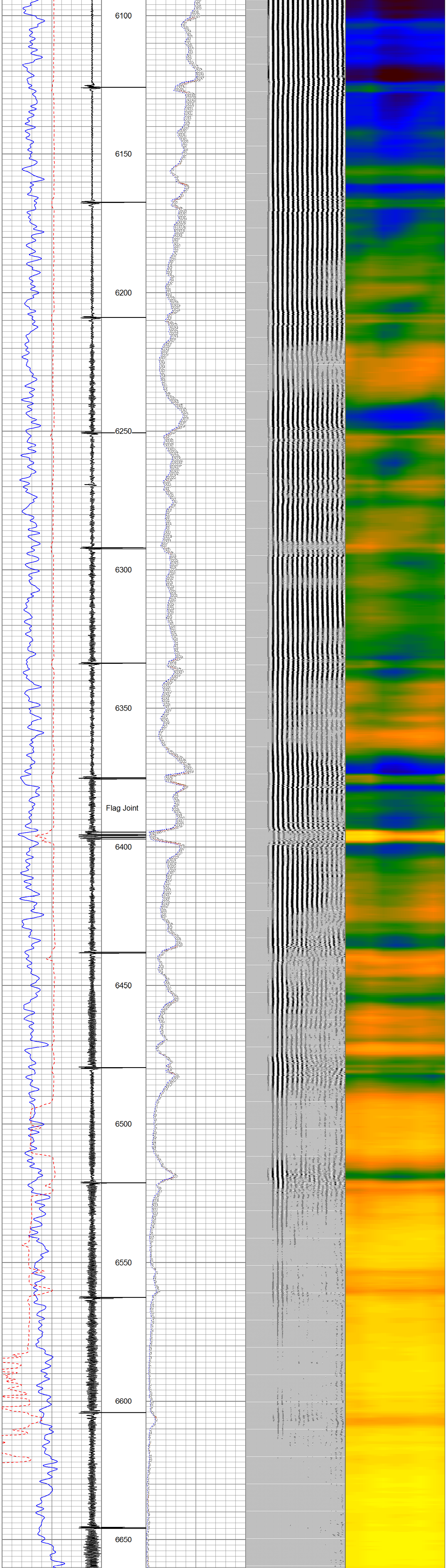
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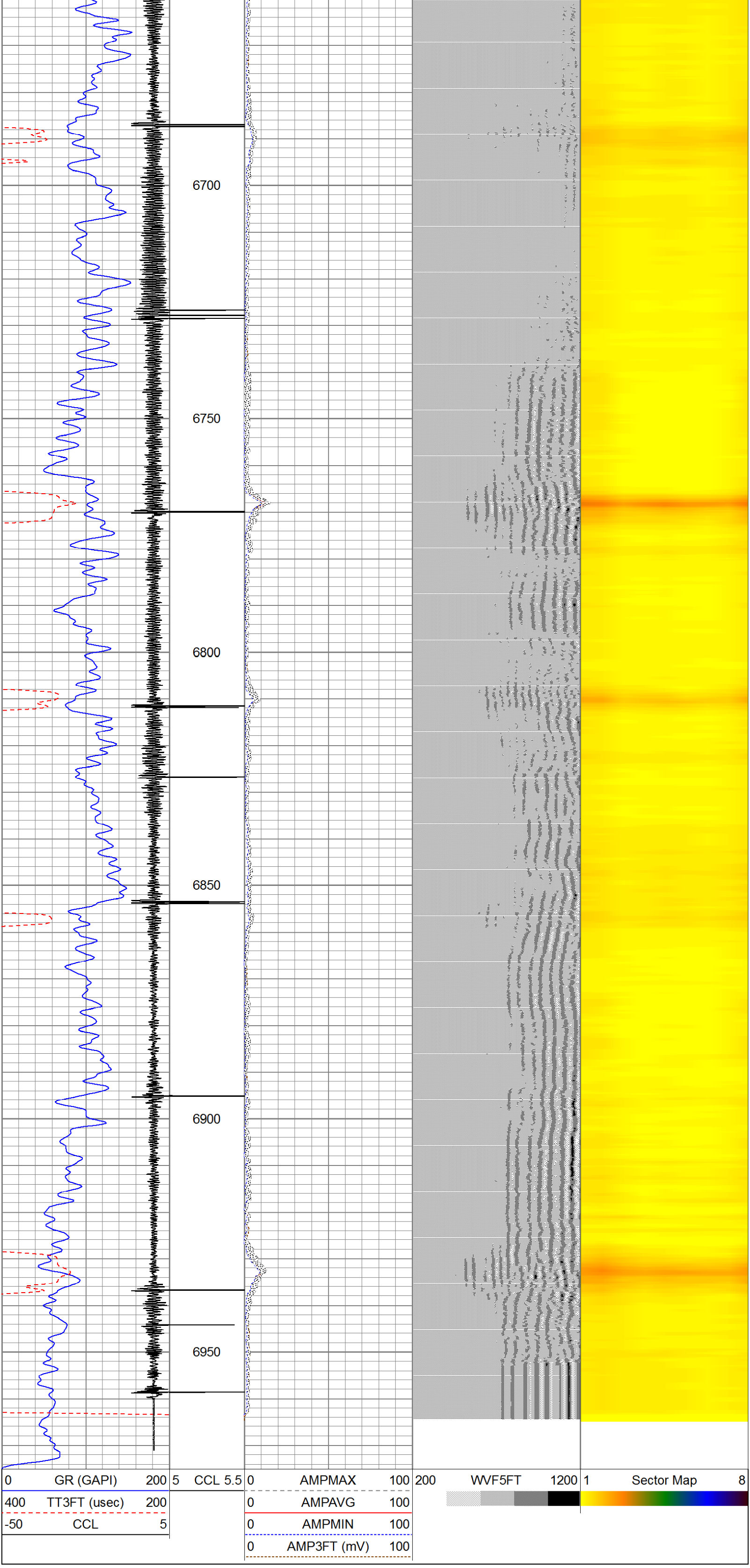
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6750
6800
6850
6900
6950
0 GR (GAPI) 200
400 TT3FT (usec) 200
-50 CCL 5
5 CCL 5.5
0 AMPMAX 100
0 AMPAVG 100
0 AMPMIN 100
0 AMP3FT (mV) 100
200 WVF5FT 1200
1 Sector Map 8