J-W WIRELINE COMPANY

GAMMA RAY CCL
CEMENT BOND VDL

Company	GREAT WESTERN OIL & GAS LLC.
Well	BINDER 13-20
Field	WATTENBERG
County	WELD
State	CO

Company GREAT WESTERN OIL & GAS LLC.
Well BINDER 13-20
Field WATTENBERG
County WELD State CO

Location: API # : 05-123-32765
SHL: 2464' FSL & 2251' FWL NESW
BHL: 1989' FSL & 627' FWL NWSW
SEC TWP RGE

Other Services

Permanent Datum	GL	Elevation	4906
Log Measured From	KB		
Drilling Measured From	KB		

Elevation
K.B. 4920
D.F. 4919
G.L. 4906

Date	FEB-15-2012		
Run Number	ONE		
Depth Driller	7700		
Depth Logger	7621		
Bottom Logged Interval	7618		
Top Log Interval	1900		
Open Hole Size	--------------------		
Type Fluid	WATER		
Density / Viscosity	----------------------		
Max. Recorded Temp.	215 F		
Estimated Cement Top	2300		
Time Well Ready	--------------------		
Time Logger on Bottom	--------------------		
Equipment Number	581		
Location	STERLING CO		
Recorded By	MIKE MEISNER		
Witnessed By	JAY PAPE		

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	4.5			
Liner				

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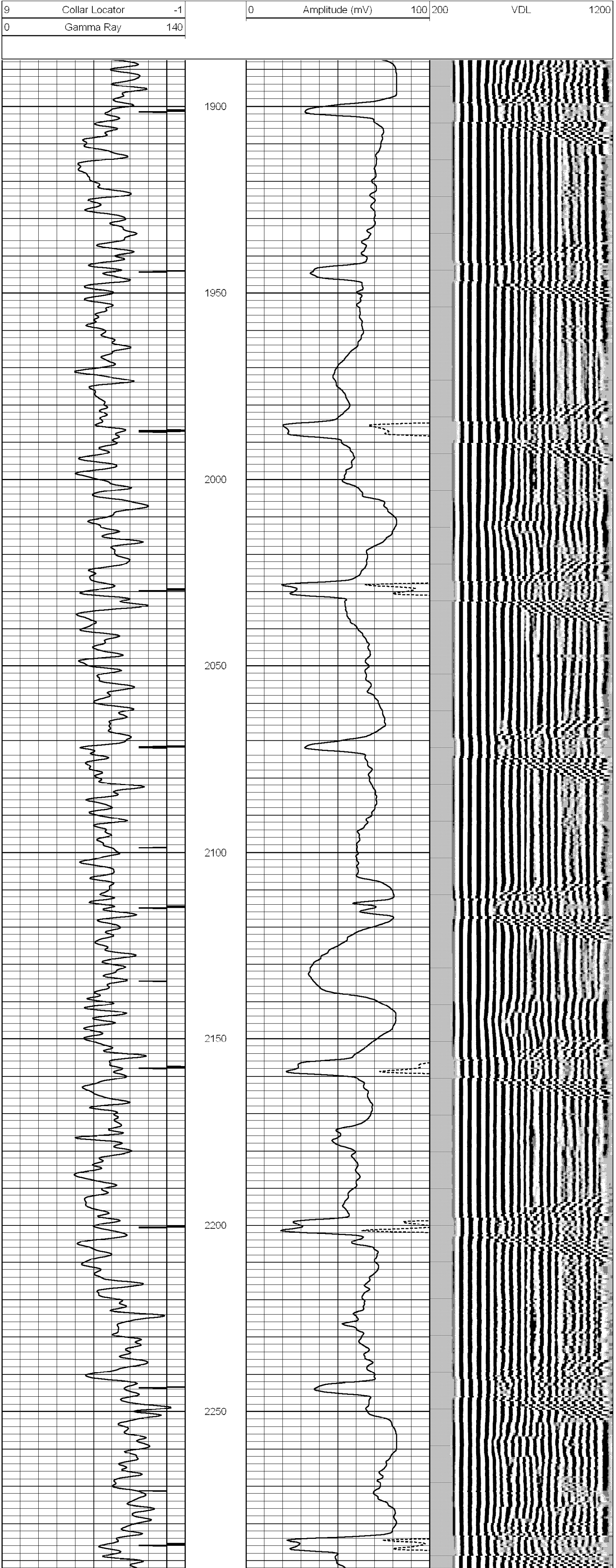
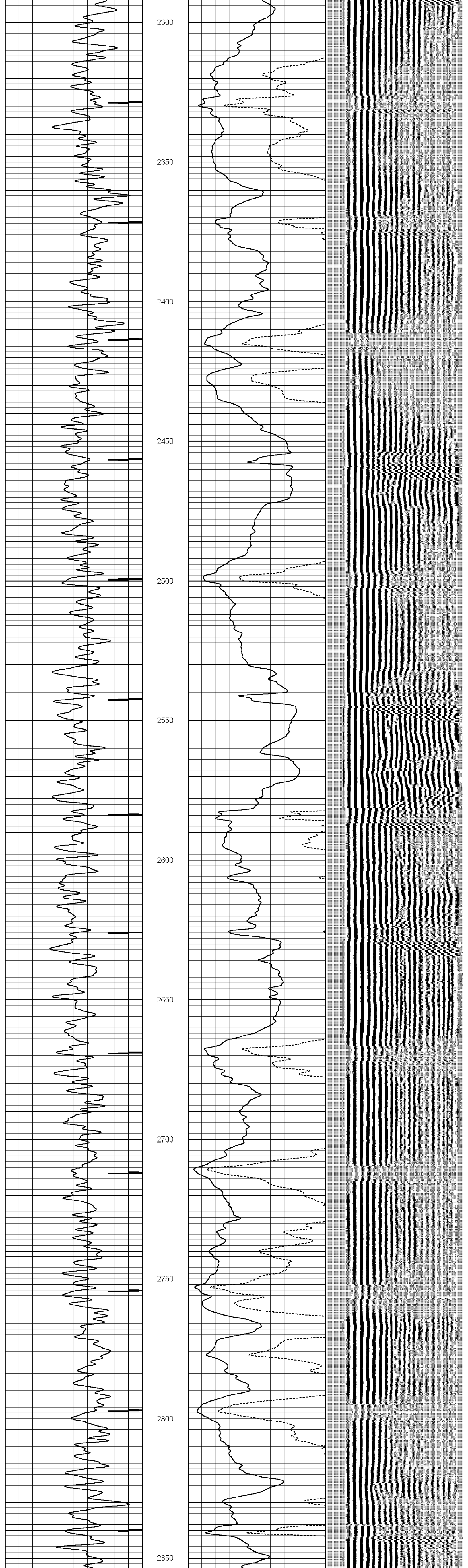
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

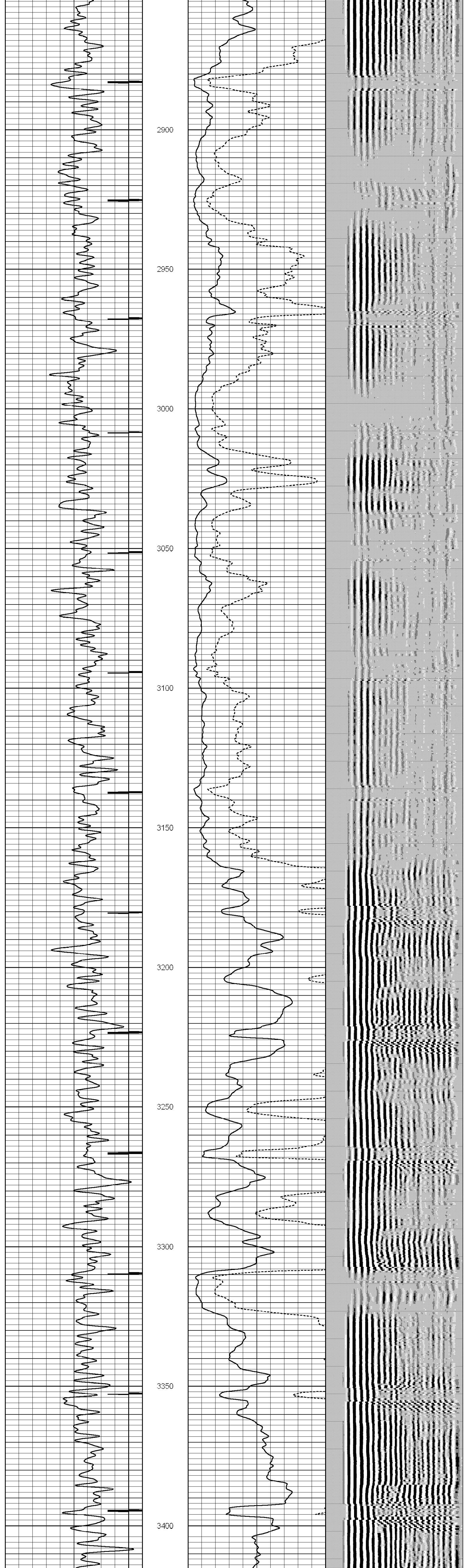
Comments

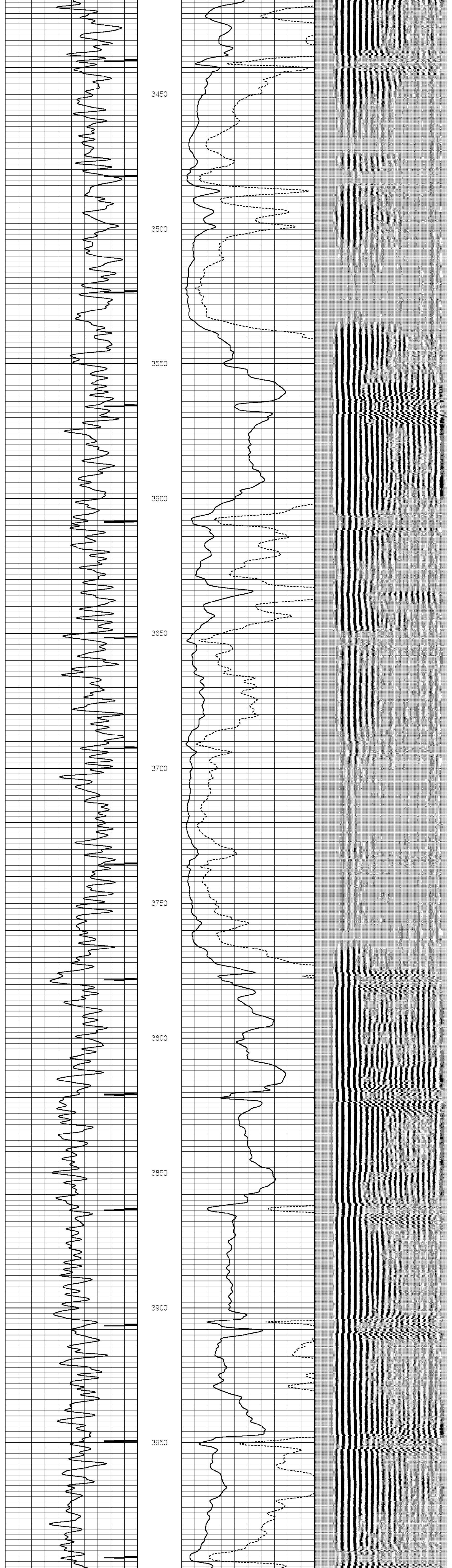
CORRECTED UP 4' TO PSI OPENHOLE DATED JAN-8-2012

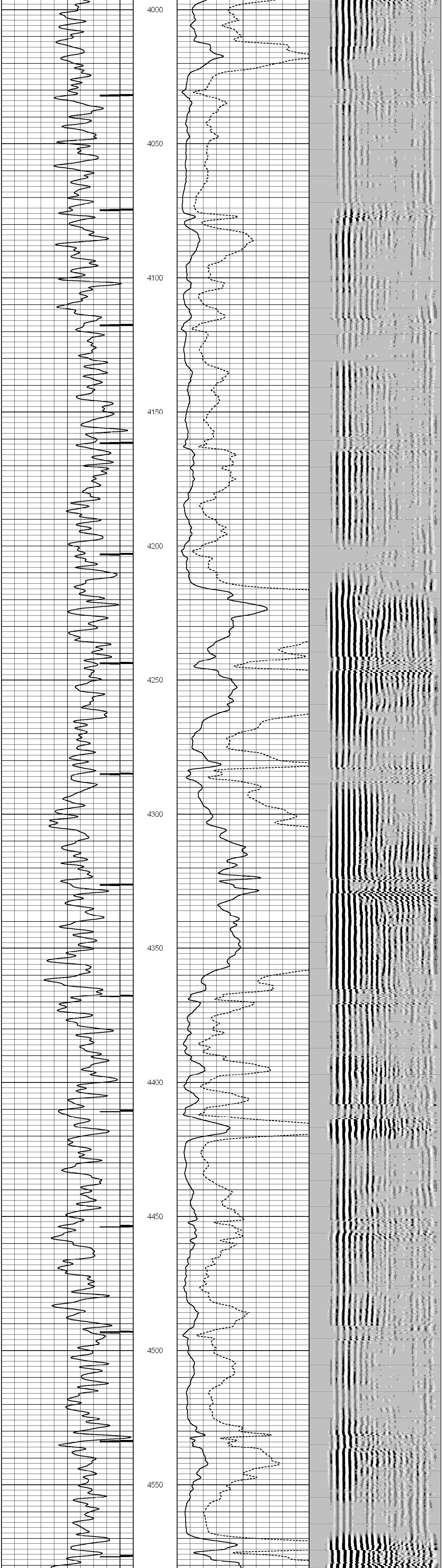
Database File:	binder 13-20.db
Dataset Pathname:	pass3
Presentation Format:	scbl_dr
Dataset Creation:	Wed Feb 15 12:29:32 2012 by Log Std Casedhole 07122
Charted by:	Depth in Feet scaled 1:240

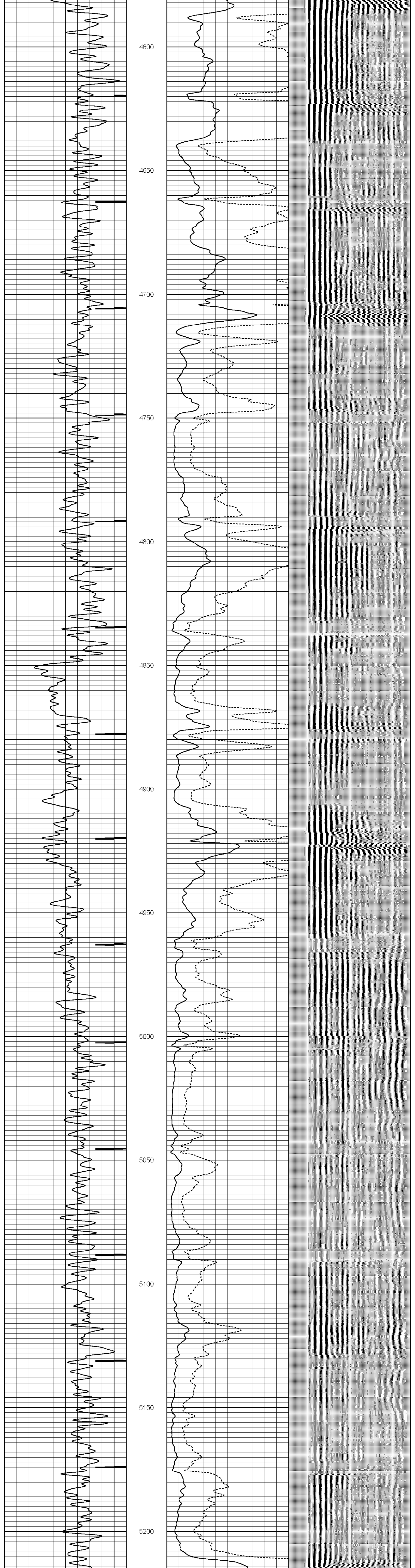


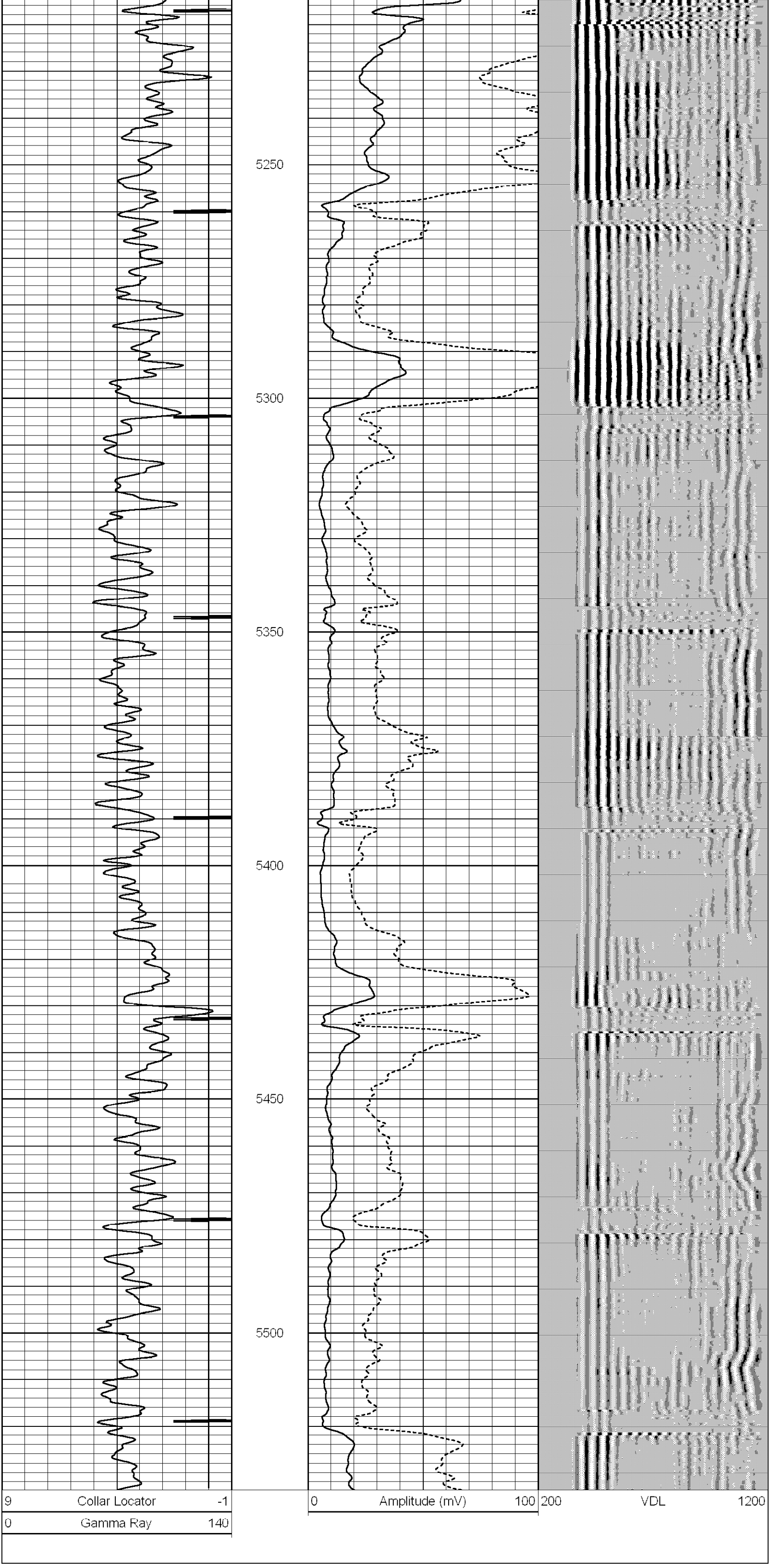












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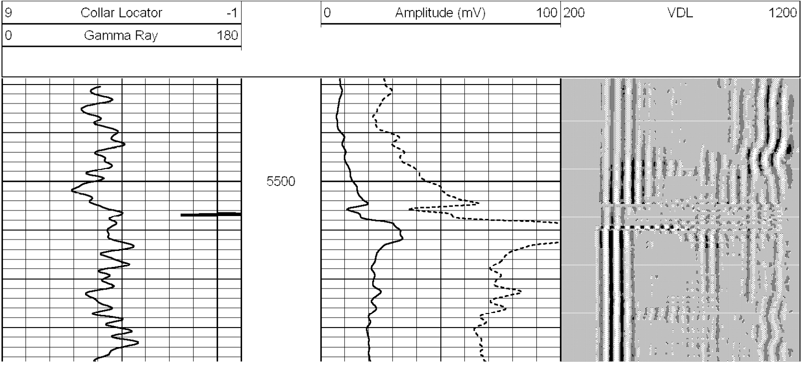
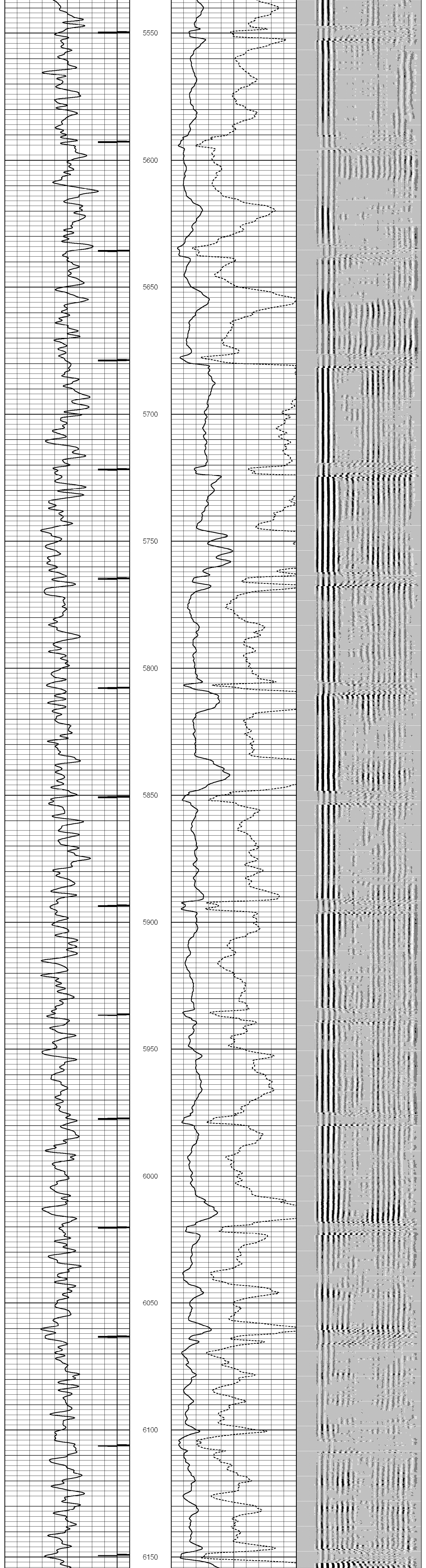
Dataset Pathname: pass2
Presentation Format: scbl_dr
Dataset Creation: Wed Feb 15 12:06:23 2012 by Log Std Casedhole 07122
Charted by: Depth in Feet scaled 1:240

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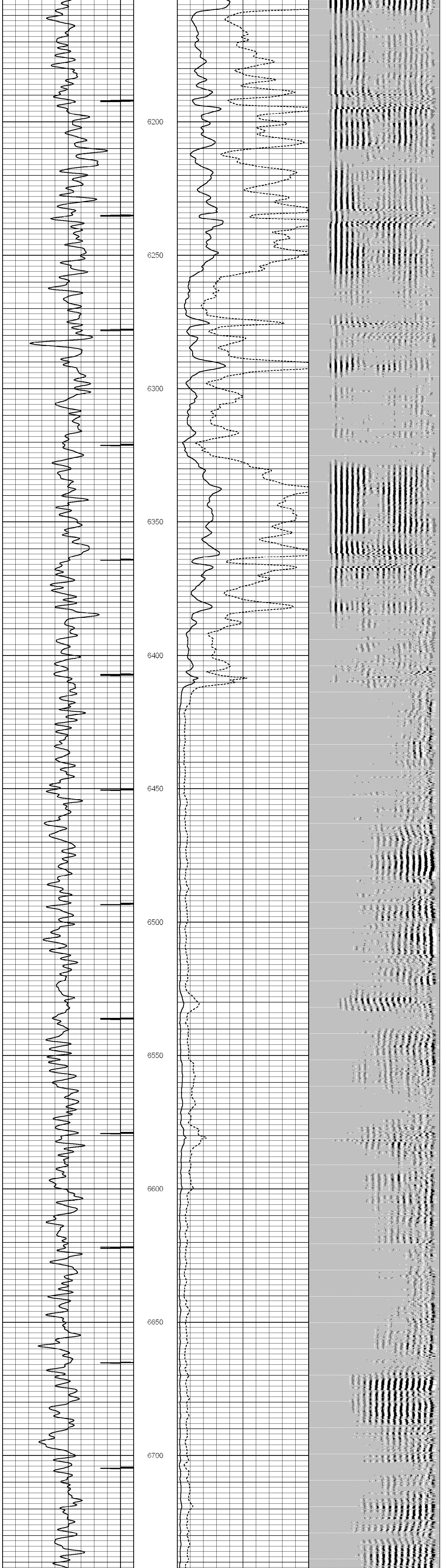
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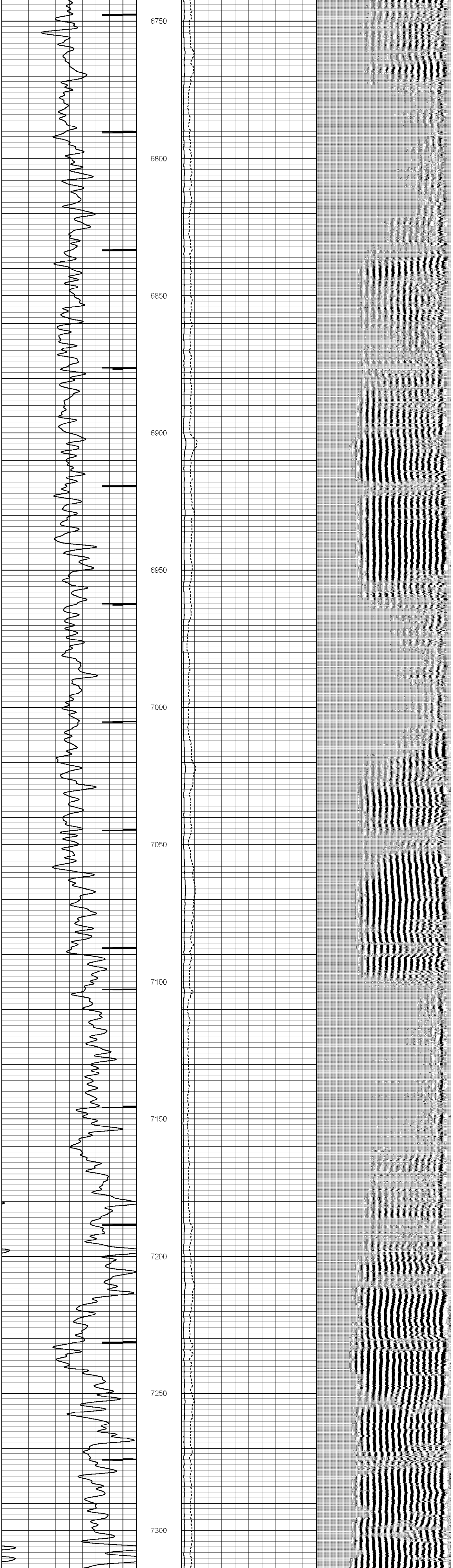
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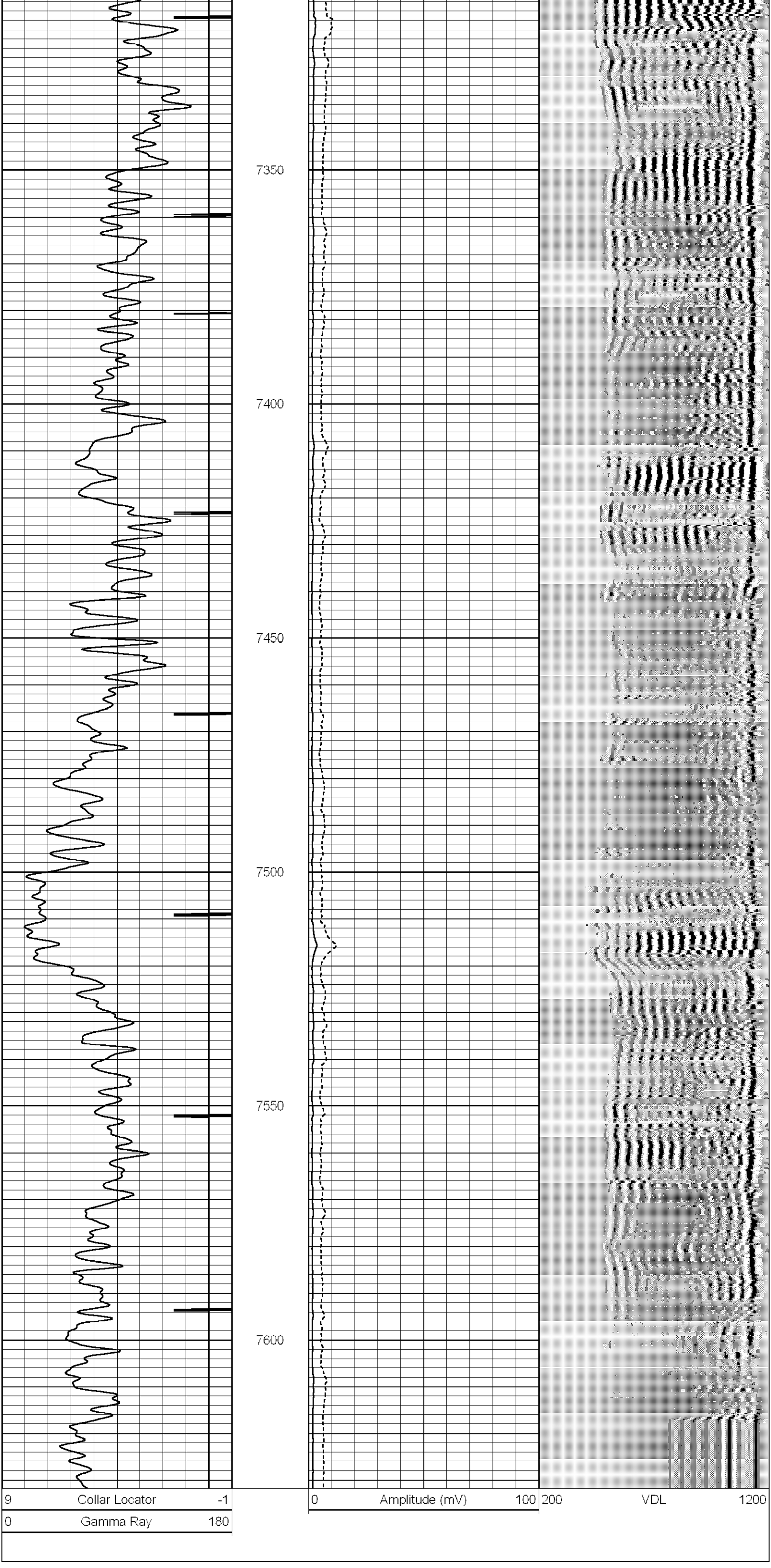
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200
VDL
1200