J-W WIRELINE COMPANY

CEMENT BOND
GAMMA RAY
COLLAR CORRELATION LOG

Company NOBLE ENERGY PRODUCTION INC.
Well DILLARD USX AB 3-13 X
Field WATTENBERG
County WELD State COLORADO

Company NOBLE ENERGY PRODUCTION INC.
Well DILLARD USX AB 3-13 X
Field WATTENBERG
County WELD
State COLORADO

Location: API # : 05-123-26087-00
480' FSL & 660' FWL
SW SW
SEC. 3 TWP. 7N RGE. 64W
SEC TWP RGE

Other Services
PERF

Permanent Datum GROUND LEVEL Elevation 4848
Log Measured From KELLY BUSHING
Drilling Measured From KELLY BUSHING

Elevation
K.B. 4858
D.F. 4857
G.L. 4848

Date	11- MAY-2008		
Run Number	ONE		
Depth Driller	7211		
Depth Logger	7152		
Bottom Logged Interval	7145		
Top Log Interval	1730		
Open Hole Size	7 7/8		
Type Fluid	WATER		
Density / Viscosity	---		
Max. Recorded Temp.	225		
Estimated Cement Top	1830		
Time Well Ready	---		
Time Logger on Bottom	---		
Equipment Number	2405/RED		
Location	BRIGHTON		
Recorded By	HAYES		
Witnessed By	MR. ARMSTRONG		

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

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8 5/8	24 #	SURFACE	735
Prot. String				
Production String	4.5	11.6 #	SURFACE	7208
Liner				

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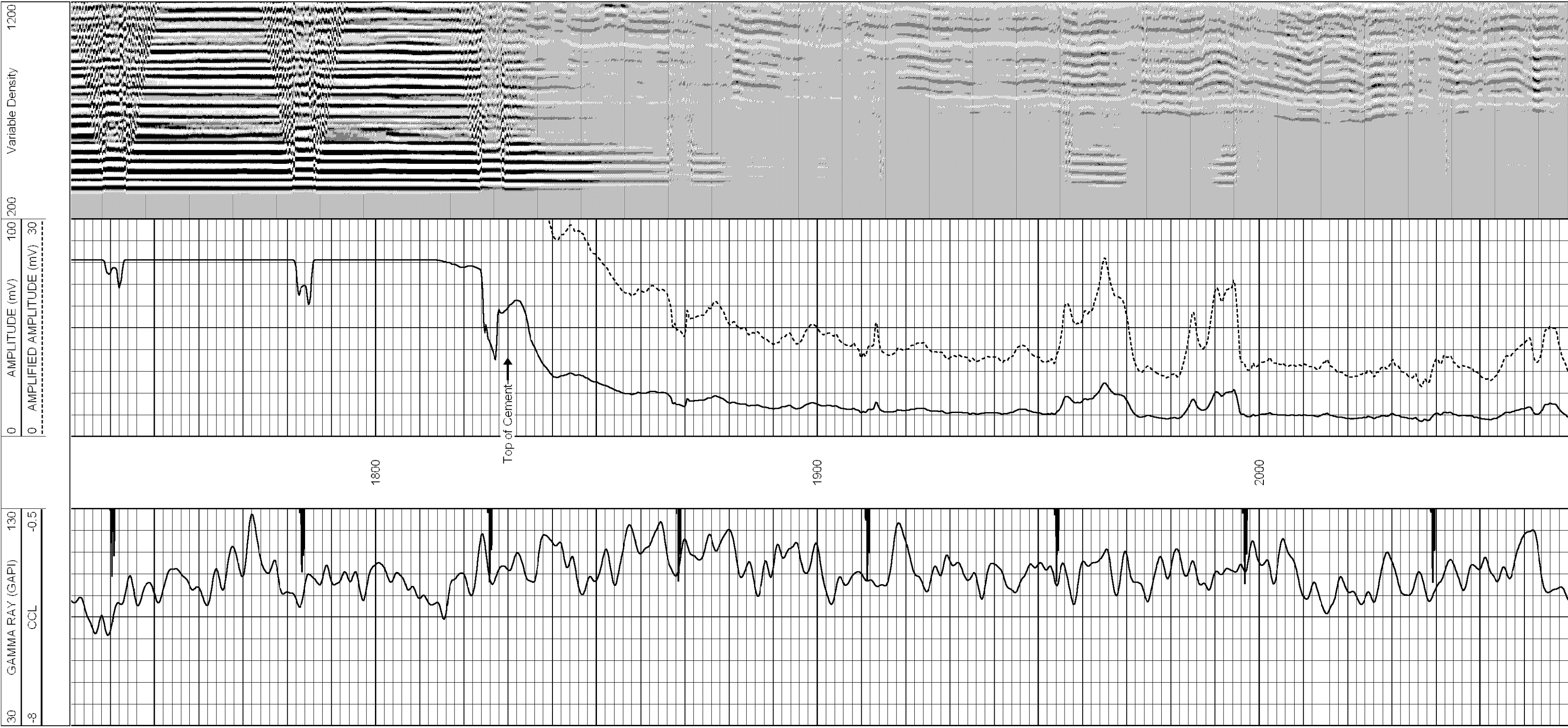
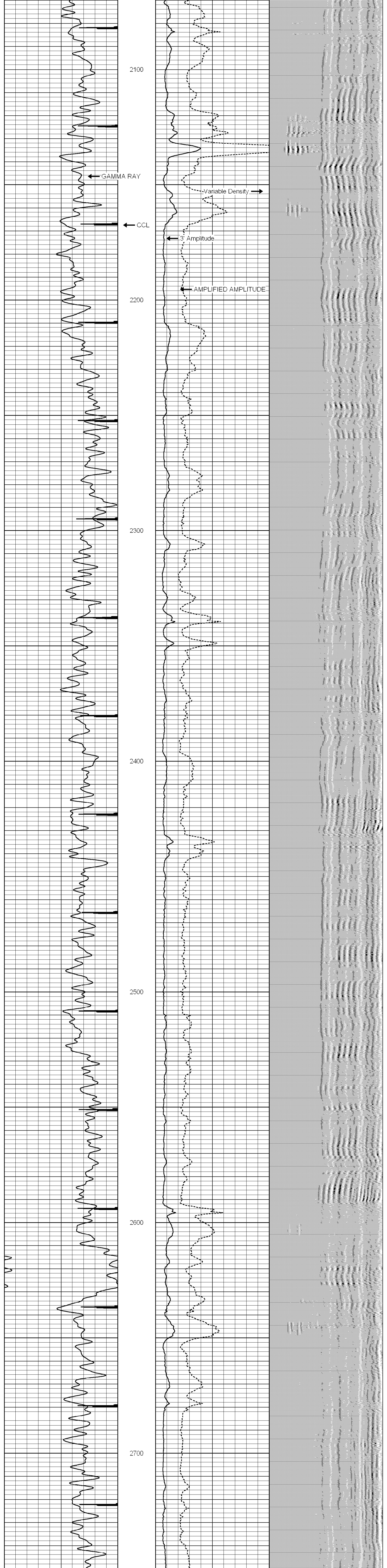
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

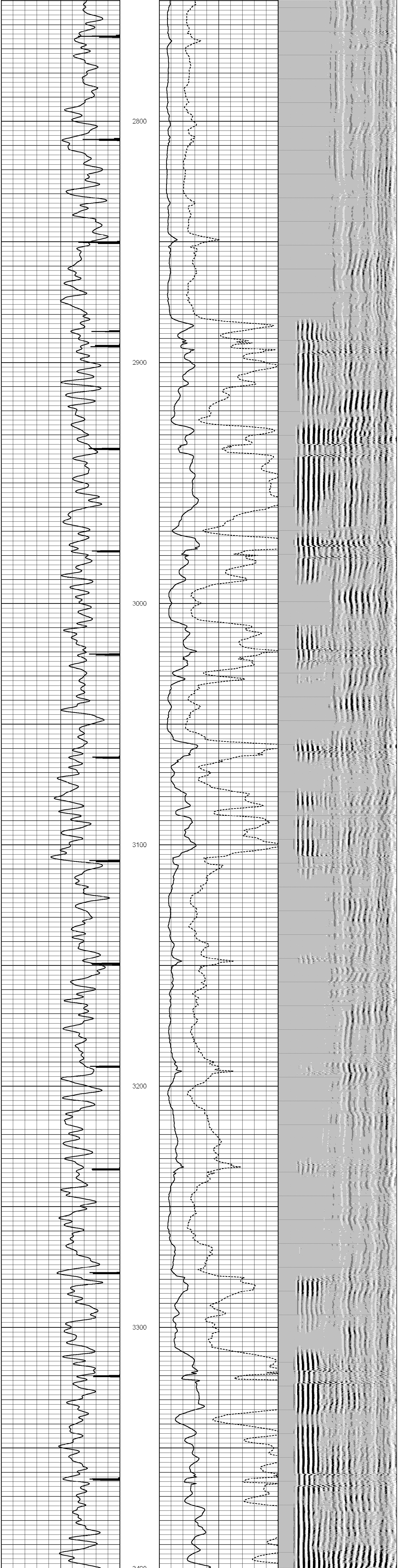
Comments

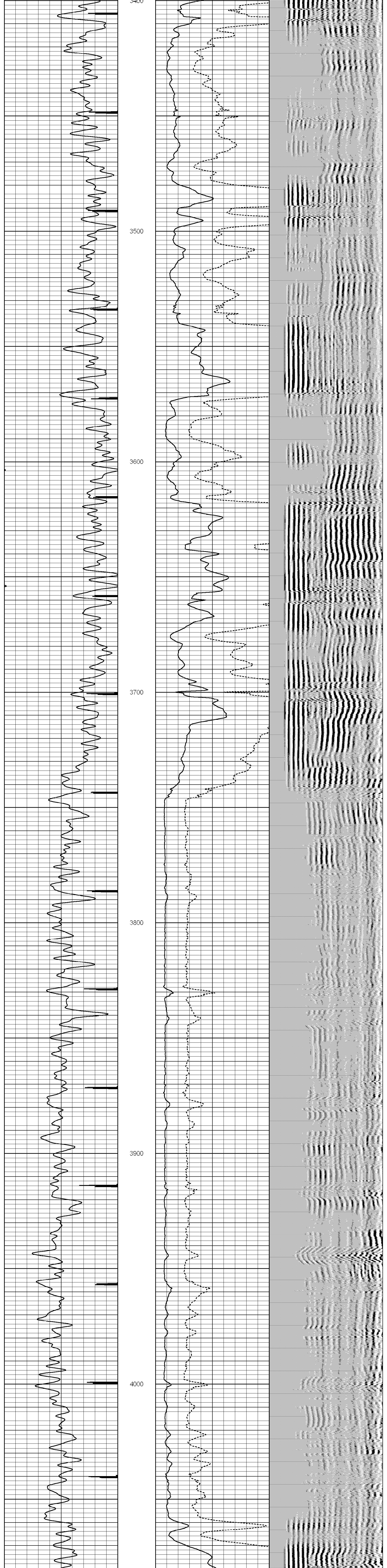
LOG CORRELATED TO CD/CN/ML LOG
DATED 11-MAY-2008
LOG SPLIT FOR CORRELATION PURPOSES

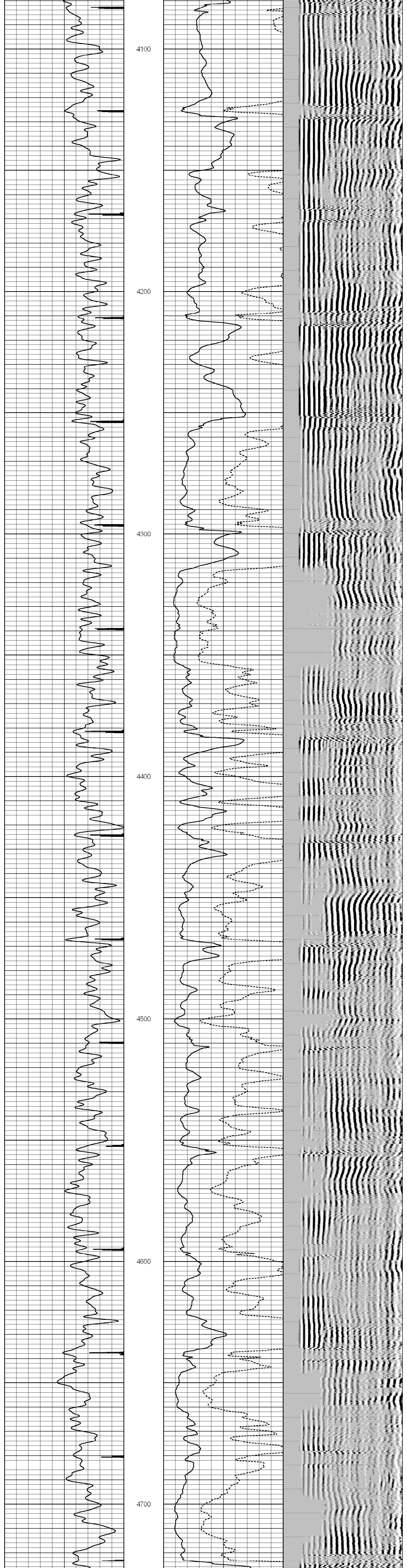
Database File: dillard usx ab 3-13x.db
Dataset Pathname: pass2
Presentation Format: cblx
Dataset Creation: Thu May 29 10:58:54 2008 by Log Std Casedhole 07122
Charted by: Depth in Feet scaled 1:240

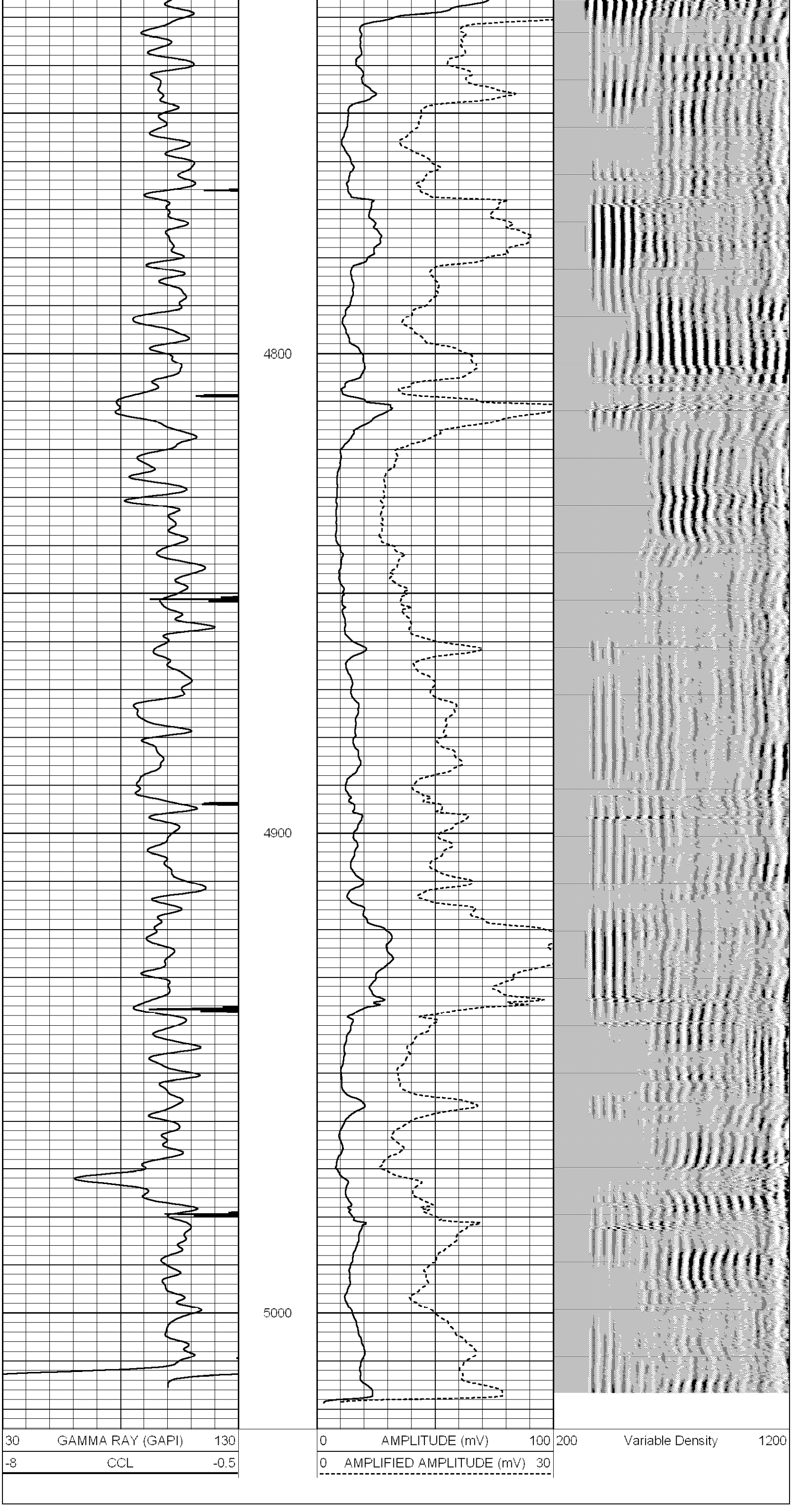












Database File: dillard usx ab 3-13x.db
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Presentation Format: cblx
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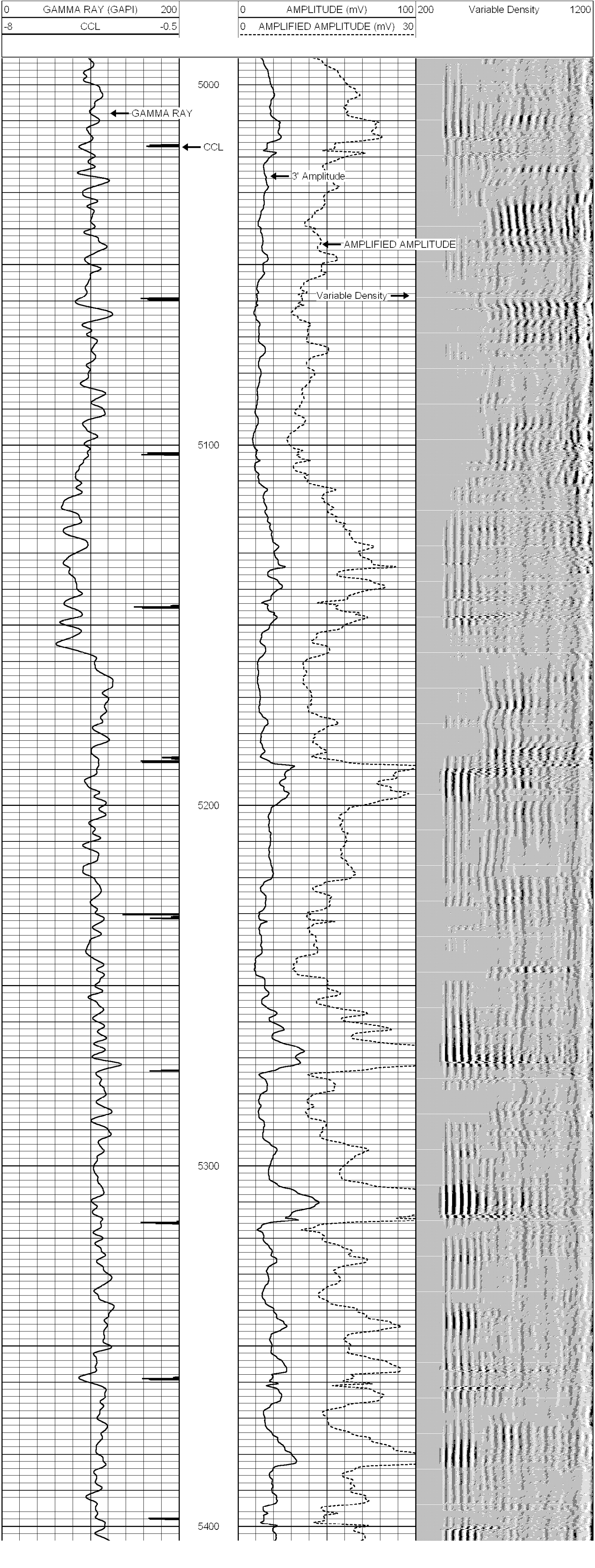
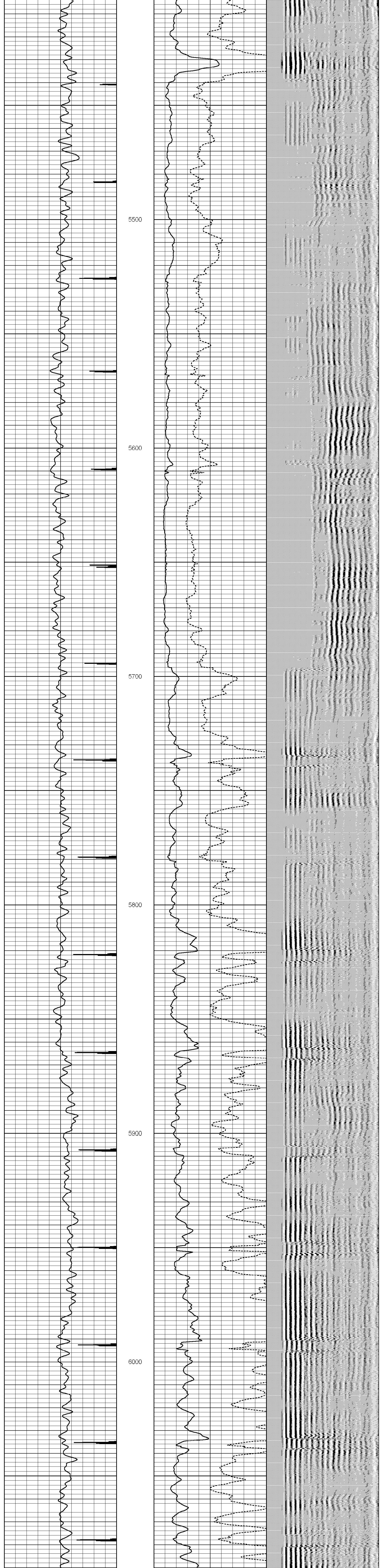
Charted by: Depth in Feet scaled 1:240

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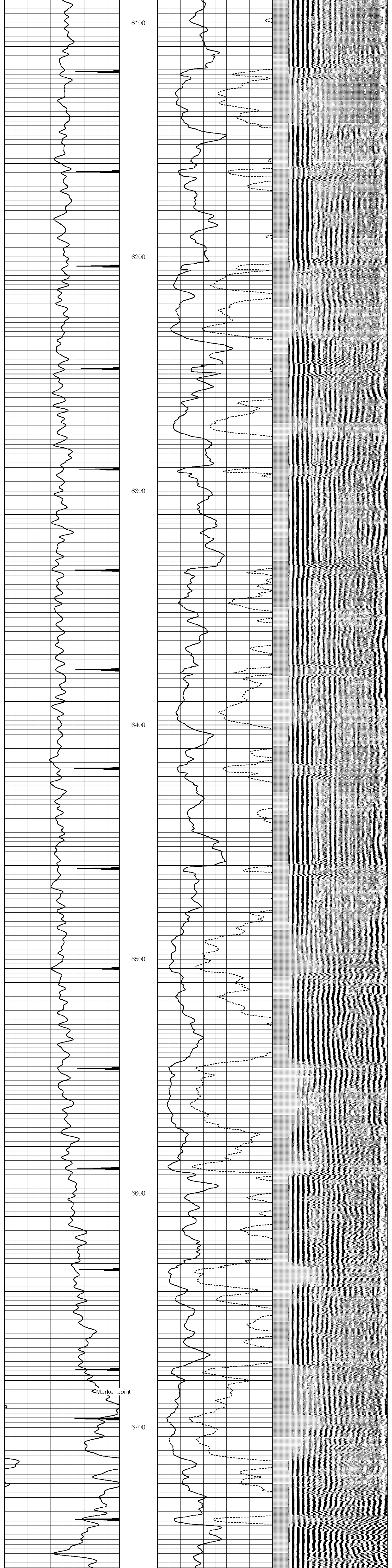
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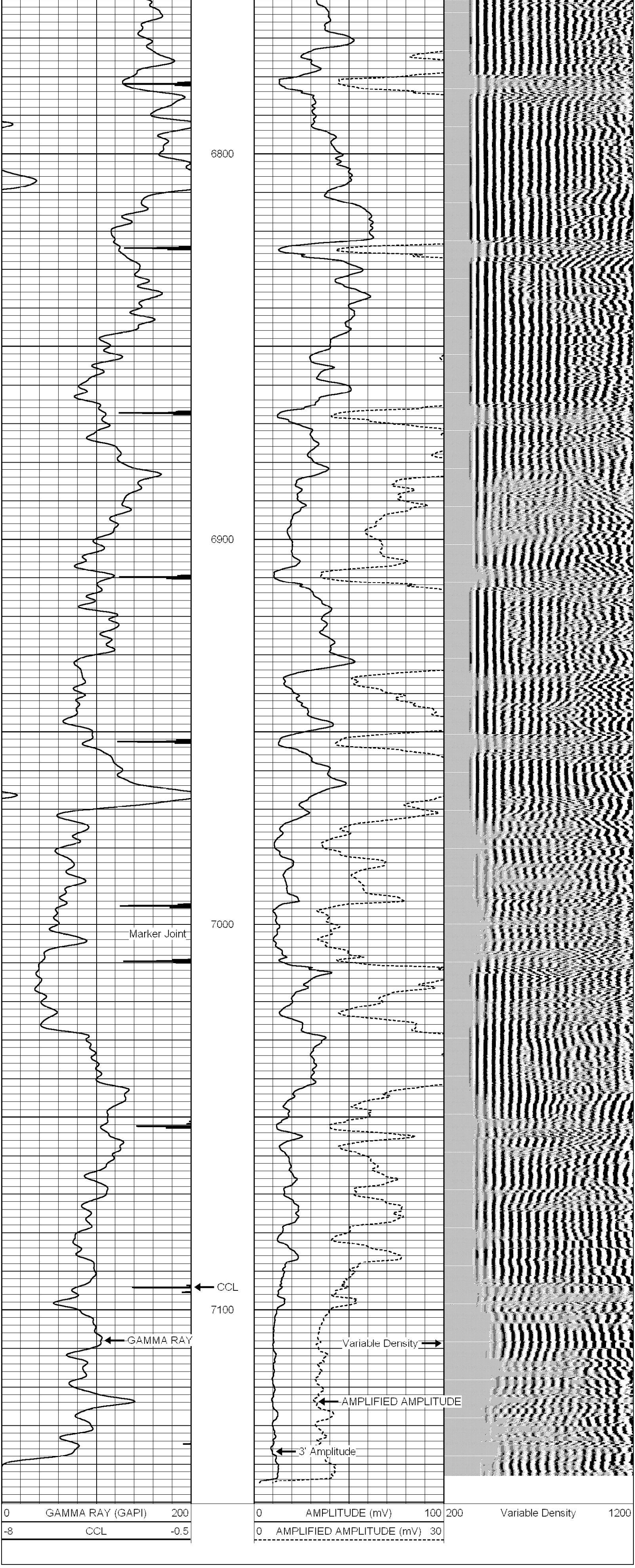
6200
6300
6400
6500
6600
Marker Joint
6700


6800
6900
Marker Joint
7000
CCL
7100
GAMMA RAY
Variable Density
AMPLIFIED AMPLITUDE
3' Amplitude
0 GAMMA RAY (GAPI) 200
-8 CCL -0.5
0 AMPLITUDE (mV) 100
0 AMPLIFIED AMPLITUDE (mV) 30
200 Variable Density 1200