

Well Crissman #5

Field Ubert Northwest

County	Ellis	State	KJ

Location: API #: 150

SEC 1 TWP 13S RGE 18W

Log measured from	IND	ADL
Drilling Measured From	KB	

D.F. 2095
G.L. 2088

	8-1-14
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ONE	
3670'	

	3640
3639	

	2480°
	0 E 10 ⁰⁰

	Water

[illegible]

op	2644
	1:30 PM

om	1:50 P1
	T-729

	Hays, K
	Coccaro, D

	Mr. Justin
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	From	To
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Size	
8 5/8"	

5 1/2	
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1111

1000000

— 100 —

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	To

Bottom
220'

3666

<<< Fold Here >>>

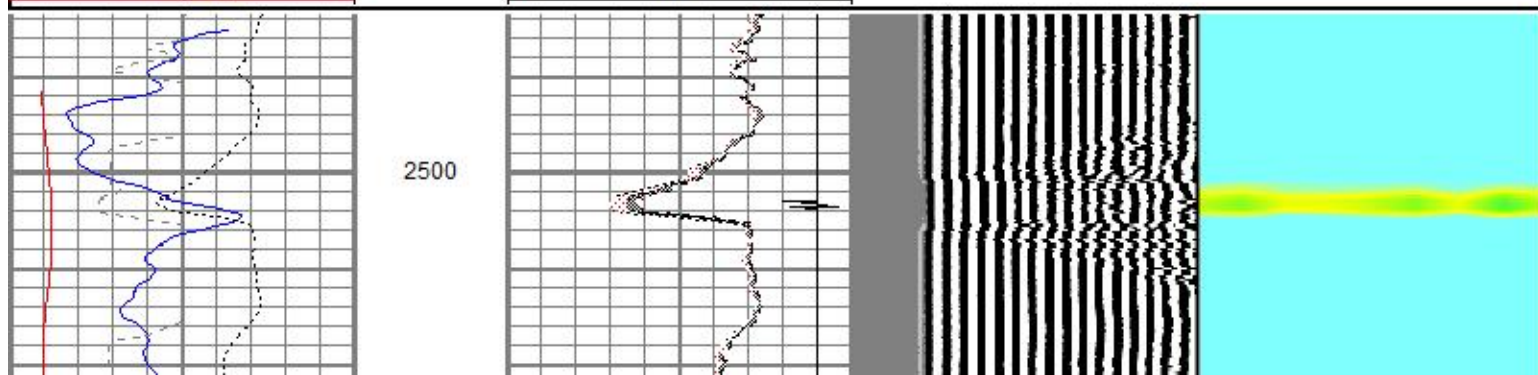
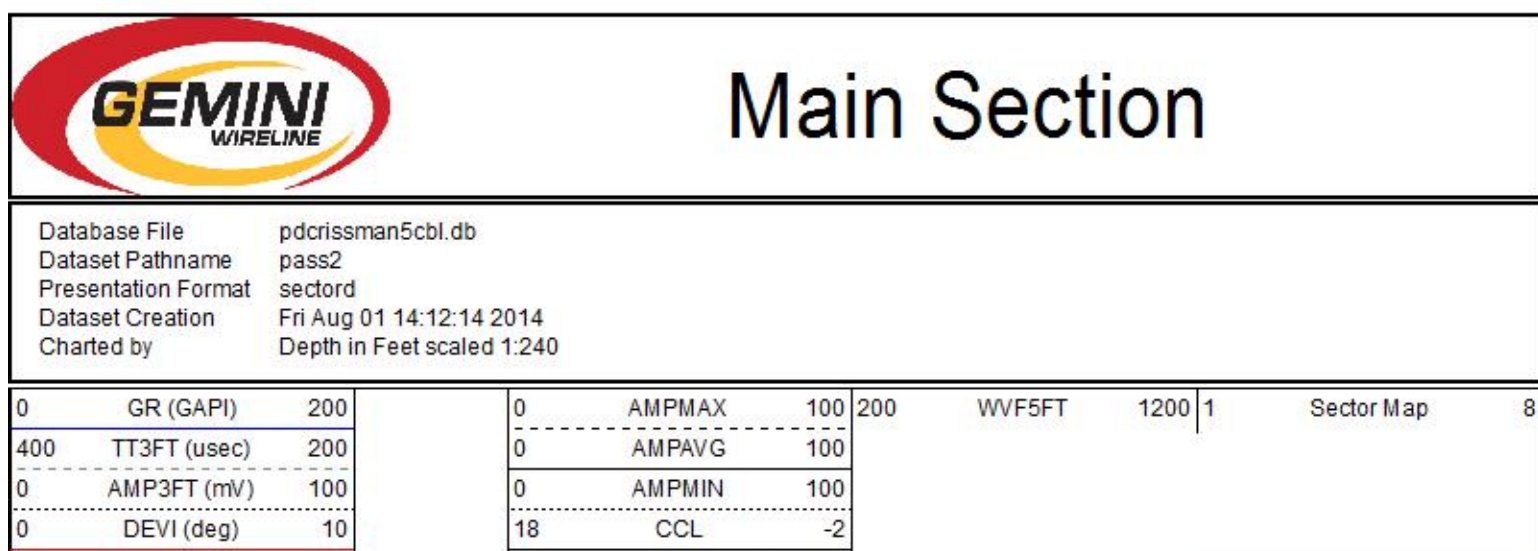
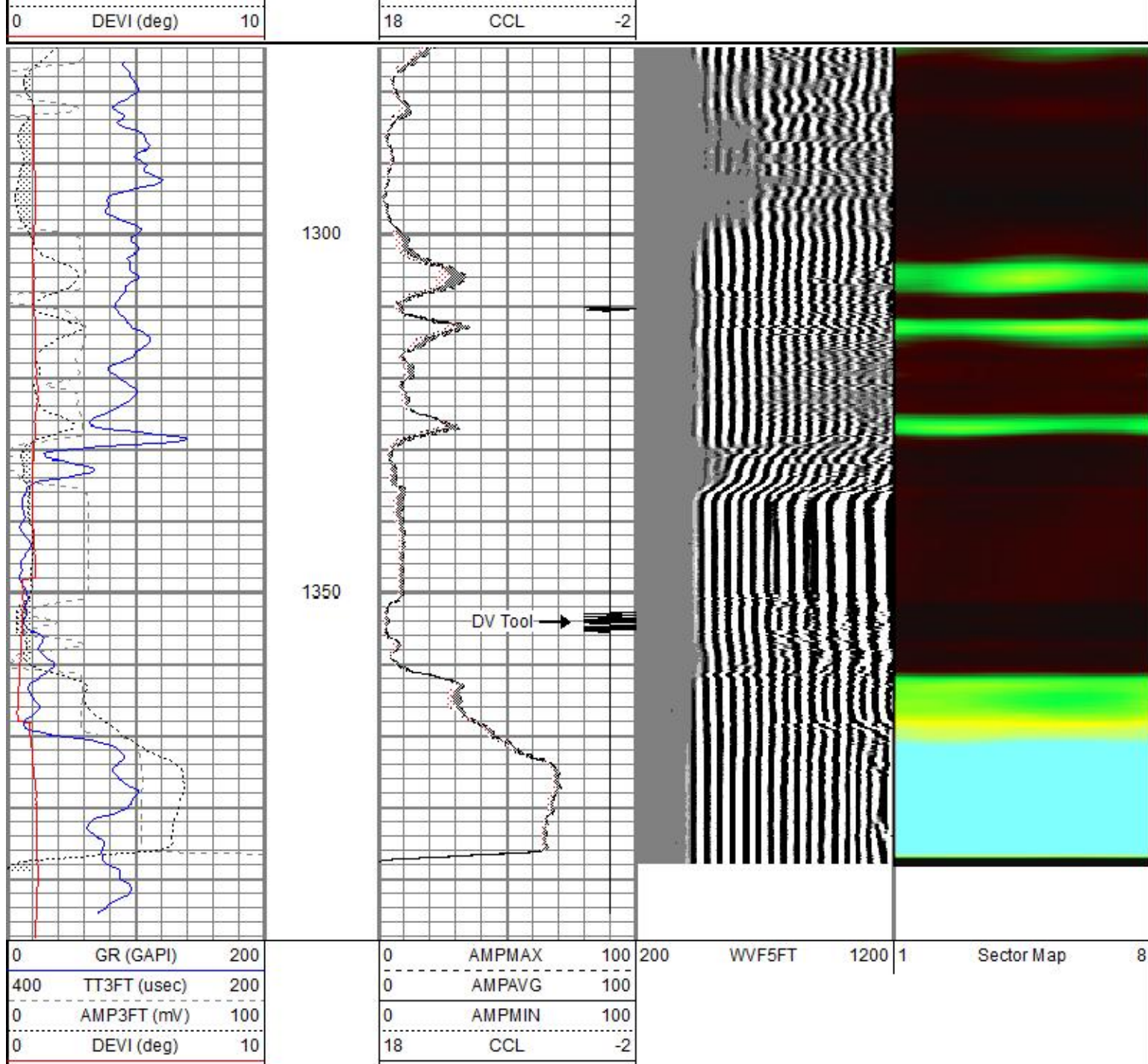
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

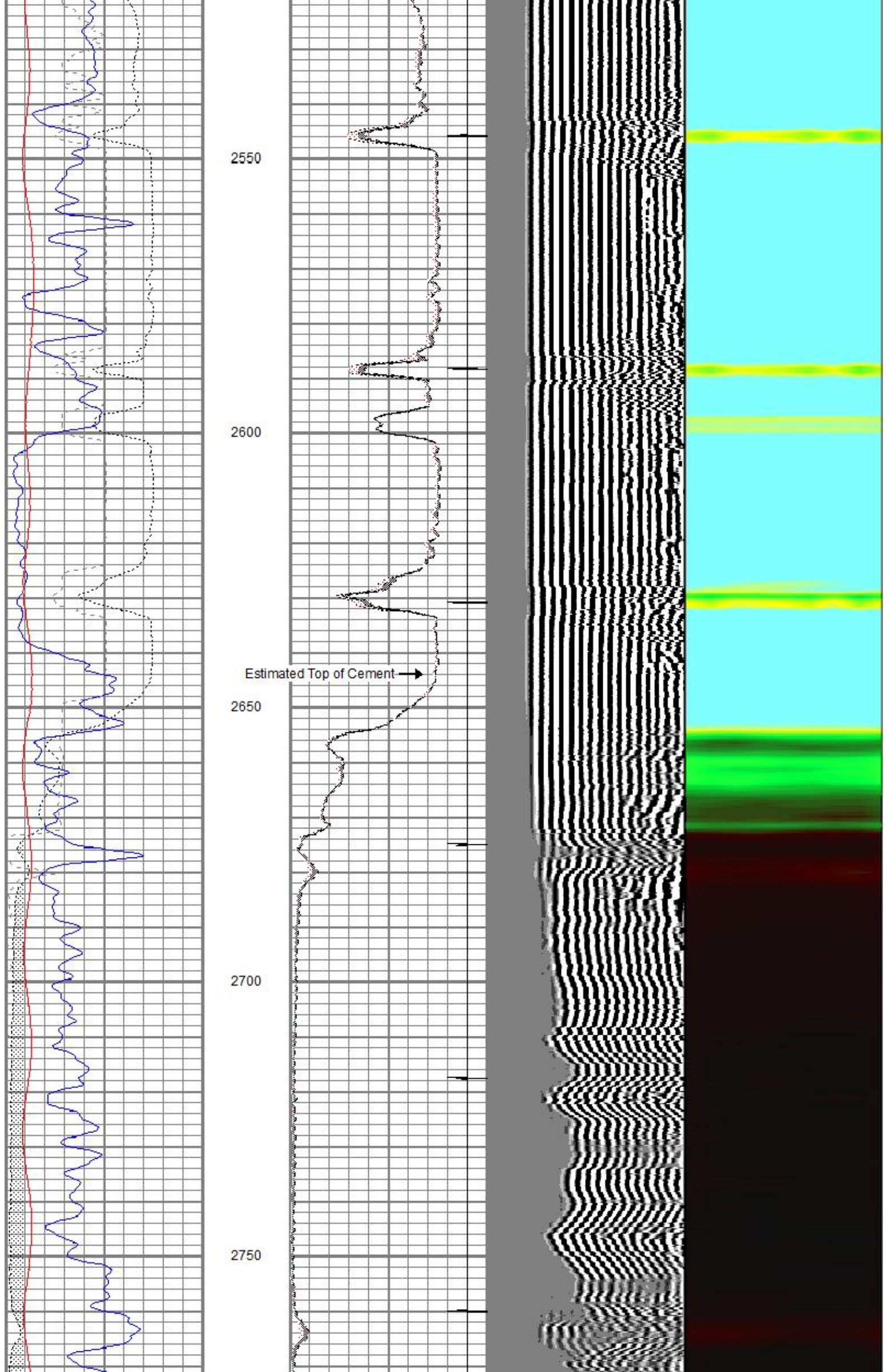
Comments

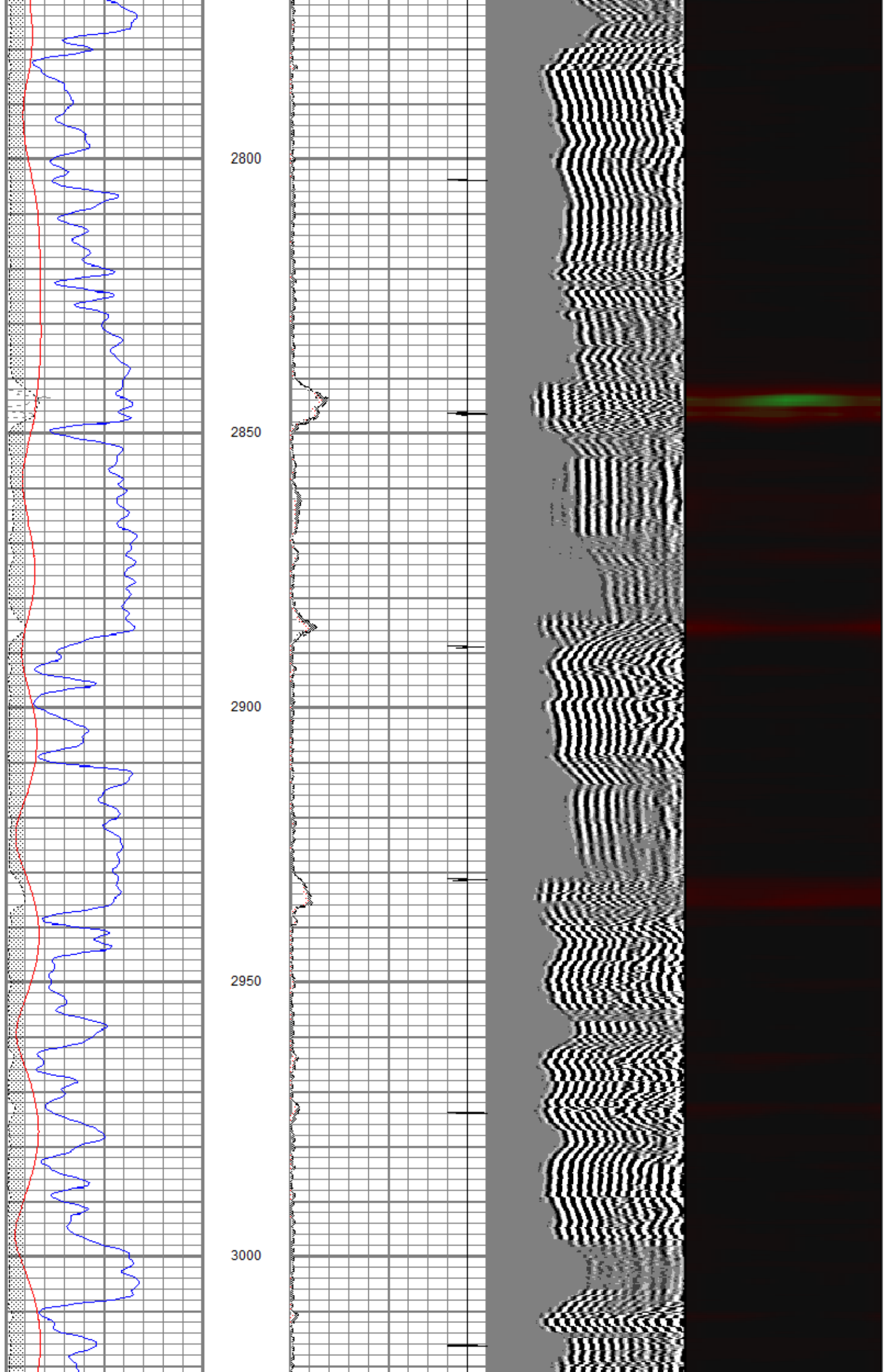


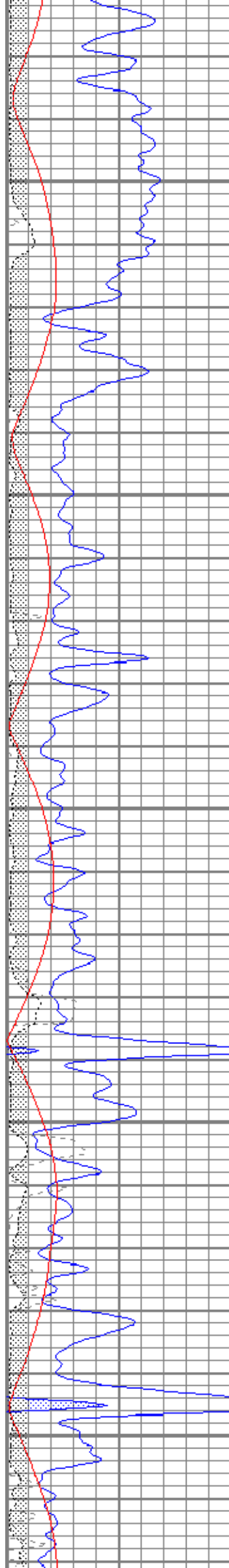
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Database File      pdcrrisman5cbl.dv.db
Dataset Pathname  pass1
Presentation Format sector
Dataset Creation  Fri Aug 01 15:00:32 2014
Charted by       Depth in Feet scaled 1:240
```

0	GR (GAPI)	200	0	AMPMAX	100	200	WVF5FT	1200	1	Sector Map	8
400	TT3FT (usec)	200	0	AMPAVG	100						
0	AMP3FT (mV)	100	0	AMPMIN	100						









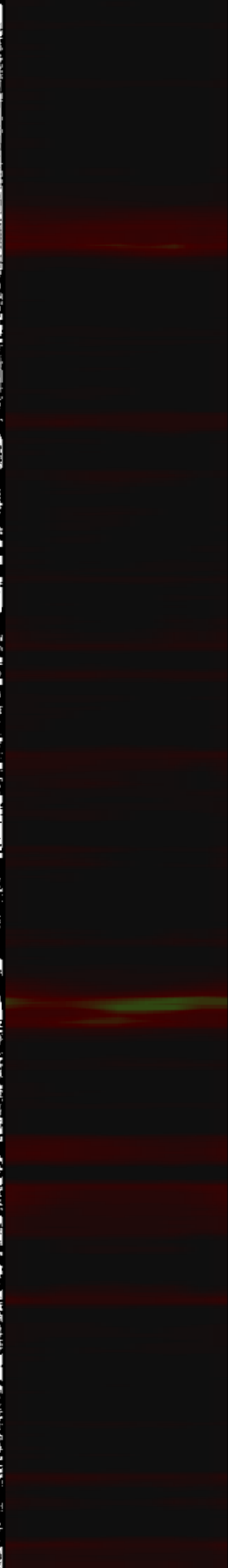
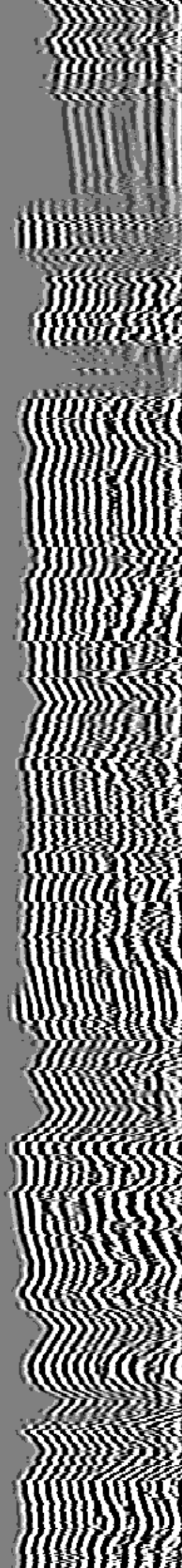
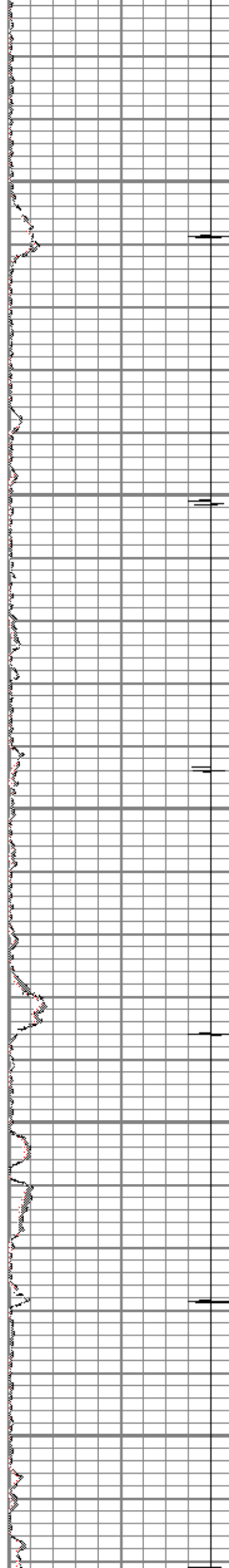
3050

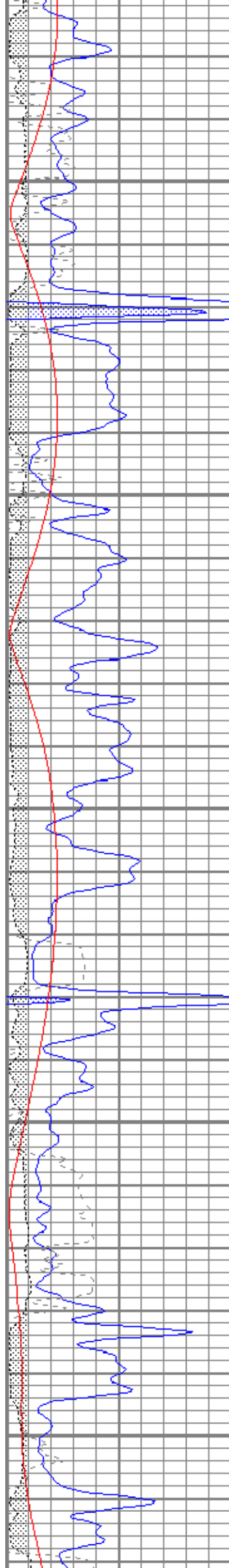
3100

3150

3200

3250





3300

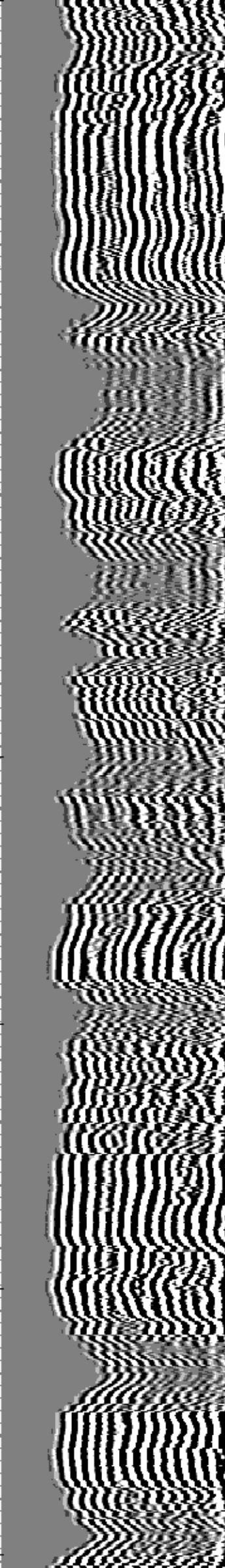
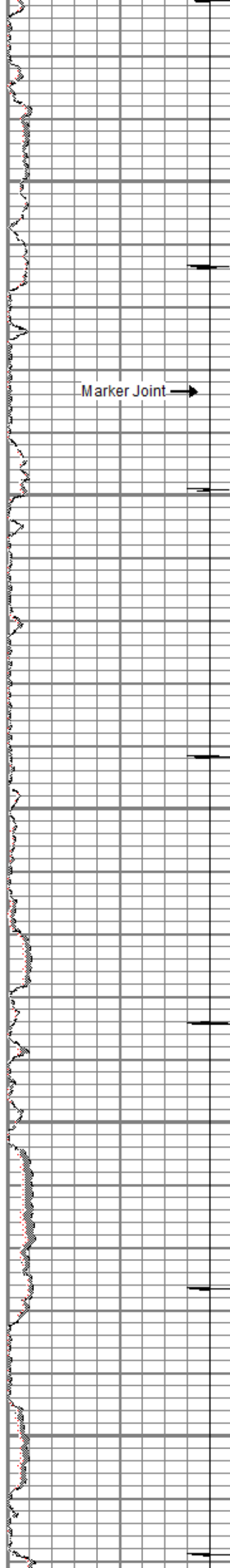
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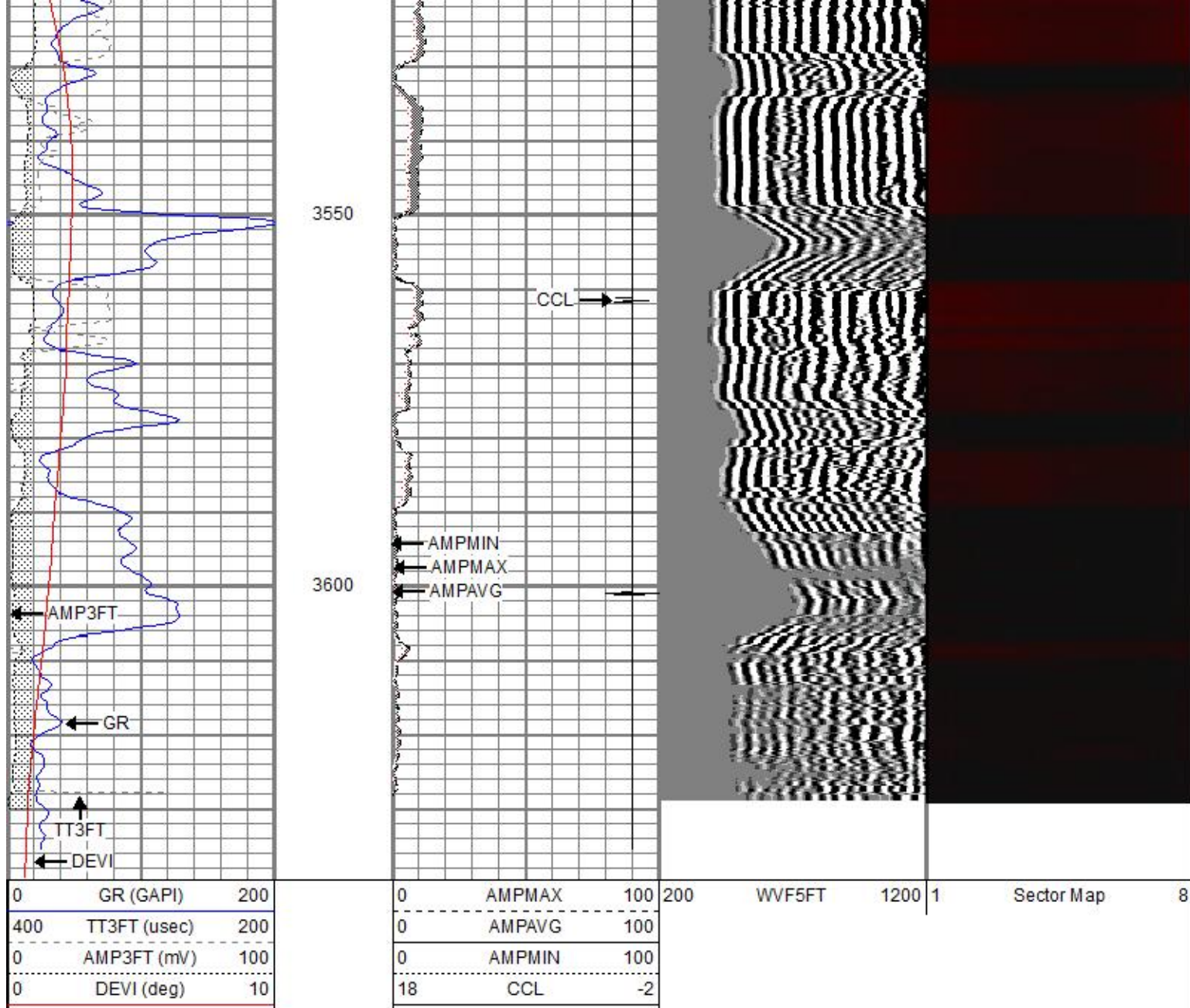
3400

3450

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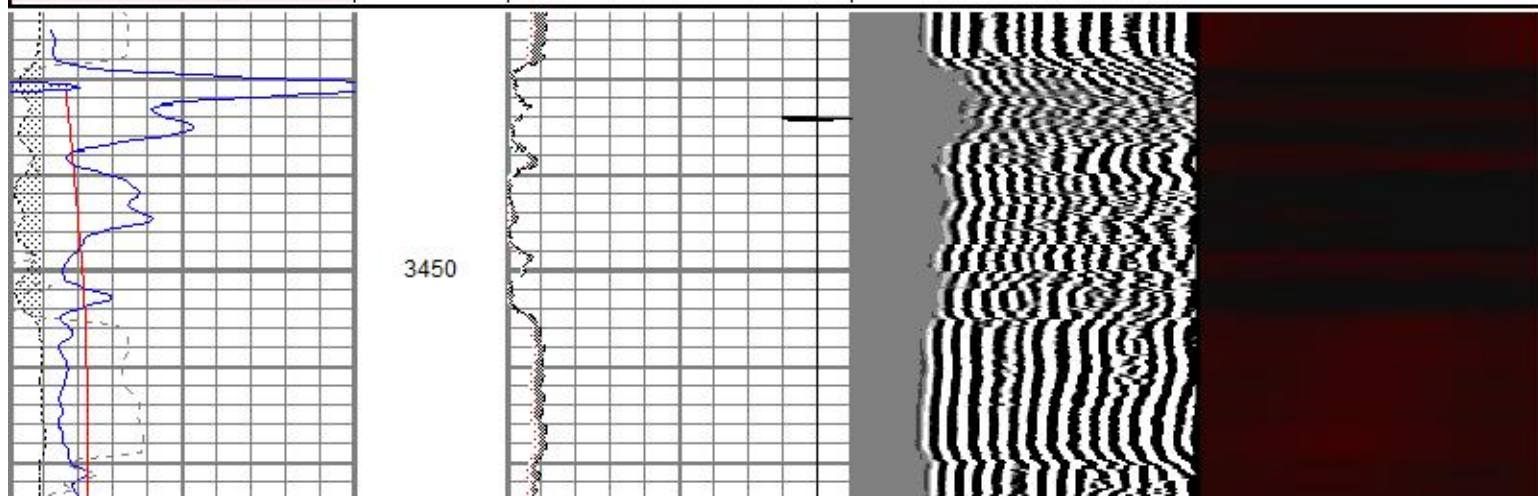
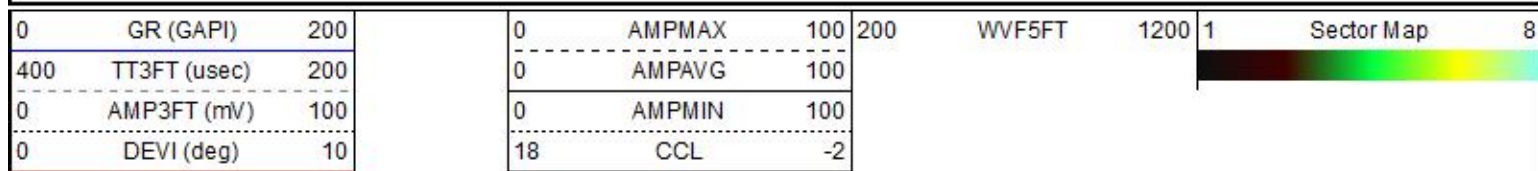
Marker Joint →

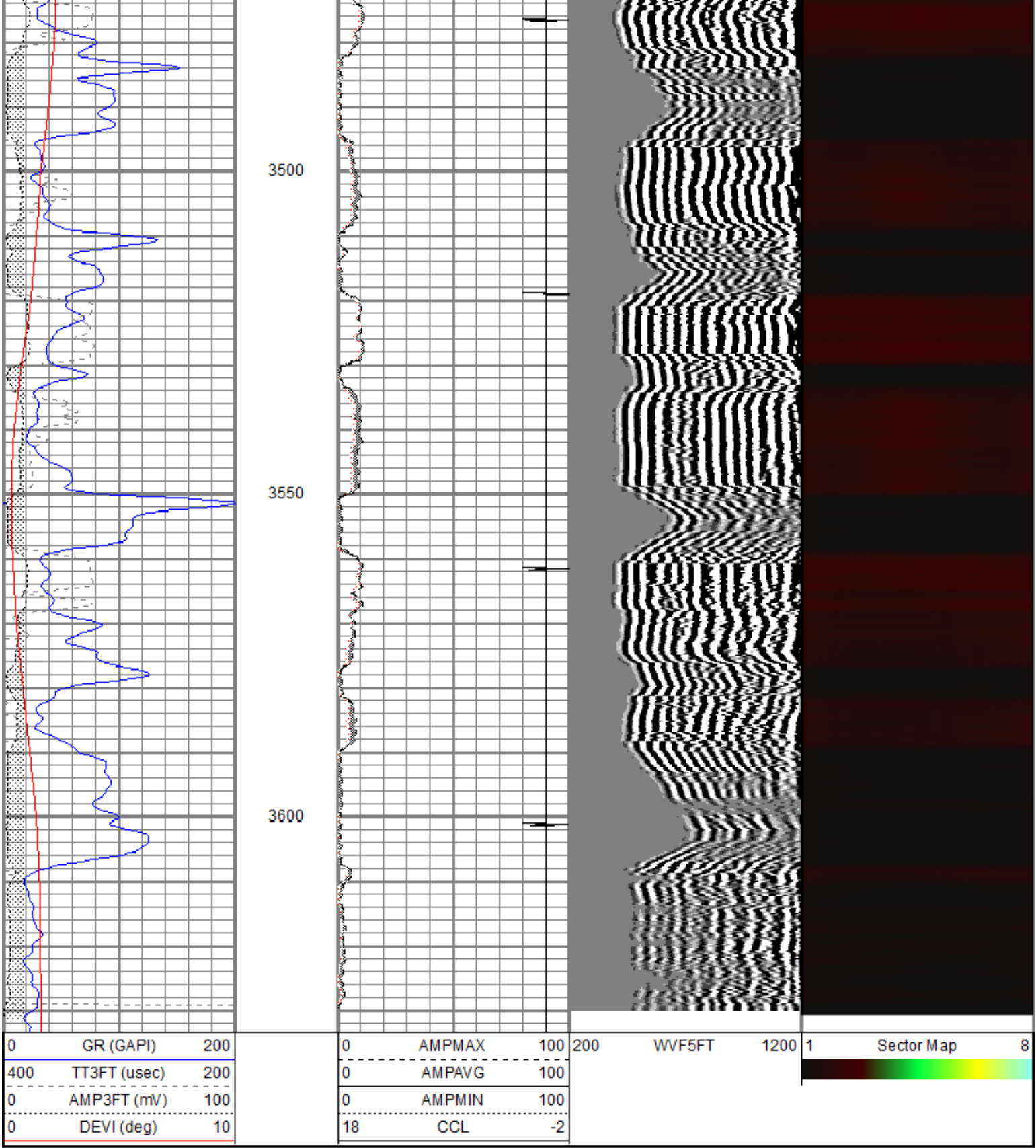




Repeat Section

Database File pdcrrsman5cbl.db
 Dataset Pathname pass1
 Presentation Format sectord
 Dataset Creation Fri Aug 01 14:01:38 2014
 Charted by Depth in Feet scaled 1:240





Calibration Report		
Database File	pdcrissman5cbl.db	
Dataset Pathname	pass2	
Dataset Creation	Fri Aug 01 14:12:14 2014	
Gamma Ray Calibration Report		
Serial Number:	081014	
Tool Model:	275D_INC	
Performed:	Mon Nov 05 09:28:03 2012	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	1.0000	GAPI/cps
Inclinometer Calibration Report		
Performed:	Mon Nov 05 09:28:10 2012	

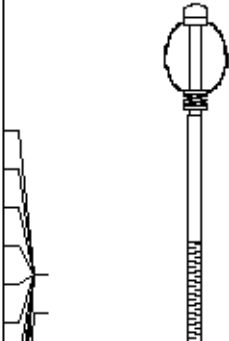
	Low Read.	High Read.	Low Ref.	High Ref.	
X Accelerometer	-3589.40	3580.00	-1.00	1.00	gee
Y Accelerometer	-3673.00	3502.20	-1.00	1.00	gee
Z Accelerometer	24.60	3577.40	0.00	1.00	gee

Segmented Cement Bond Log Calibration Report					
Serial Number:	080321				
Tool Model:	Probe				
Calibration Casing Diameter:	5.500	in			
Calibration Depth:	2198.661	ft			

Master Calibration, performed Fri Aug 01 13:56:07 2014:						
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.013	0.937	1.000	71.921	76.817	-0.030
CAL	0.015	1.133				
5'	0.015	0.850	1.000	71.921	84.990	-0.298
SUM						
S1	0.015	0.982	0.000	72.000	74.458	-1.133
S2	0.015	0.972	0.000	72.000	75.233	-1.146
S3	0.015	0.933	0.000	72.000	78.444	-1.197
S4	0.015	0.904	0.000	72.000	80.995	-1.238
S5	0.015	0.889	0.000	72.000	82.441	-1.261
S6	0.015	0.913	0.000	72.000	80.189	-1.232
S7	0.015	0.942	0.000	72.000	77.734	-1.193
S8	0.015	0.958	0.000	72.000	76.388	-1.170

Internal Reference Calibration, performed Thu Dec 04 16:30:55 2008:						
	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.015	1.133	1.000	0.000

Air Zero Calibration, performed Fri Aug 01 13:30:43 2014:						
	Raw (v)		Calibrated (v)		Results	
	Zero		Zero		Offset	
3'	0.000		0.000		0.000	
5'	0.000		0.000		0.000	
SUM						
S1	0.000		0.000		0.000	
S2	0.000		0.000		0.000	
S3	0.000		0.000		0.000	
S4	0.000		0.000		0.000	
S5	0.000		0.000		0.000	
S6	0.000		0.000		0.000	
S7	0.000		0.000		0.000	
S8	0.000		0.000		0.000	

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
WVFS8	11.63		CENT-275 2 3/4" Centralizer	2.94	2.75	10.00
WVFS7	11.63					
WVFS6	11.63					
WVFS5	11.63					
WVFS4	11.63		RBT-Probe (080321)	8.33	2.75	90.00
WVFS3	11.63		Prototype Probe Radii Bond Tool with Digital Telemetry			

