PEAK WIRELINE SERVICES, INC.

DUAL SPACED CEMENT BOND LOG

Company KUENZLER AND FLORA
Well BOGENHAGEN #1
Field
County CHEYENNE
State COLORADO

Company	KUENZLER AND FLORA RESERVE CORP
Well	BOGENHAGEN #1
Field	
County	CHEYENNE
State	COLORADO

Location
SE SW
SEC 31 TWP 14S RGE 46W

Other Services

Permanent Datum	GROUND LEVEL	Elevation	4362
Log Measured From	KELLY BUSHING 9' AGL		
Drilling Measured From	KELLY BUSHING		

Elevation
K.B. 4371
D.F.
G.L. 4362

Date	7-3-2019		
Run Number	ONE		
Depth Driller			
Depth Logger	5532		
Bottom Logged Interval	5528	2250	
Top Log Interval	4650	750	
Casing Size	5 1/2"		
Type Fluid	WATER		
Density / Viscosity			
Max. Recorded Temp.			
Estimated Cement Top			
Time Well Ready			
Time Logger on Bottom			
Equipment Number	TR-8		
Location	CHEYENNE WELLS, CO.		
Recorded By	HENDERSON		
Witnessed By	JAKE FLORA		

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	12 1/4"	0	427				
TWO	7 7/8"	427	5550				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8 5/8"	24#	0	427
Prot. String				
Production String	5 1/2"	20#	0	5547
Liner				

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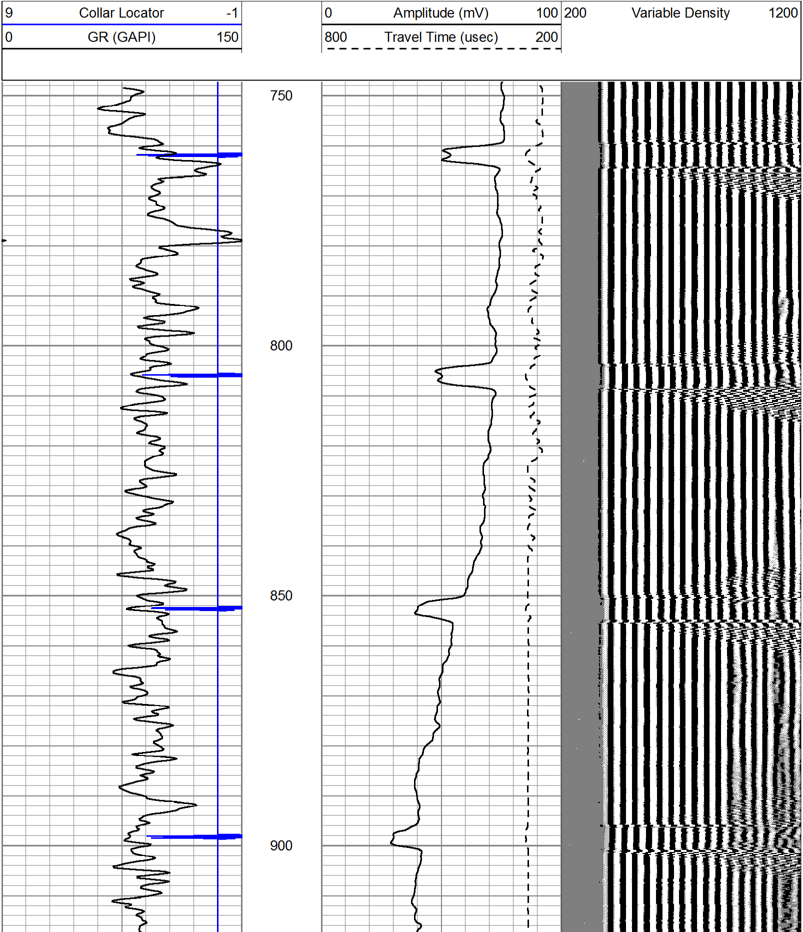
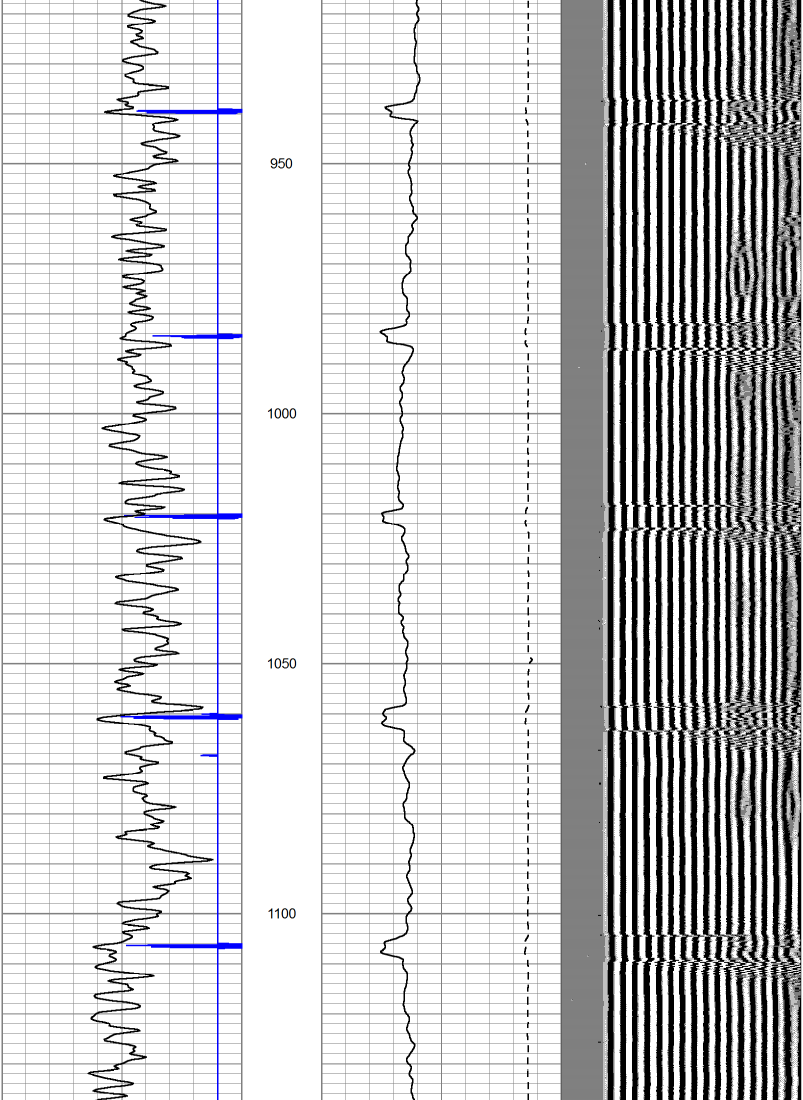
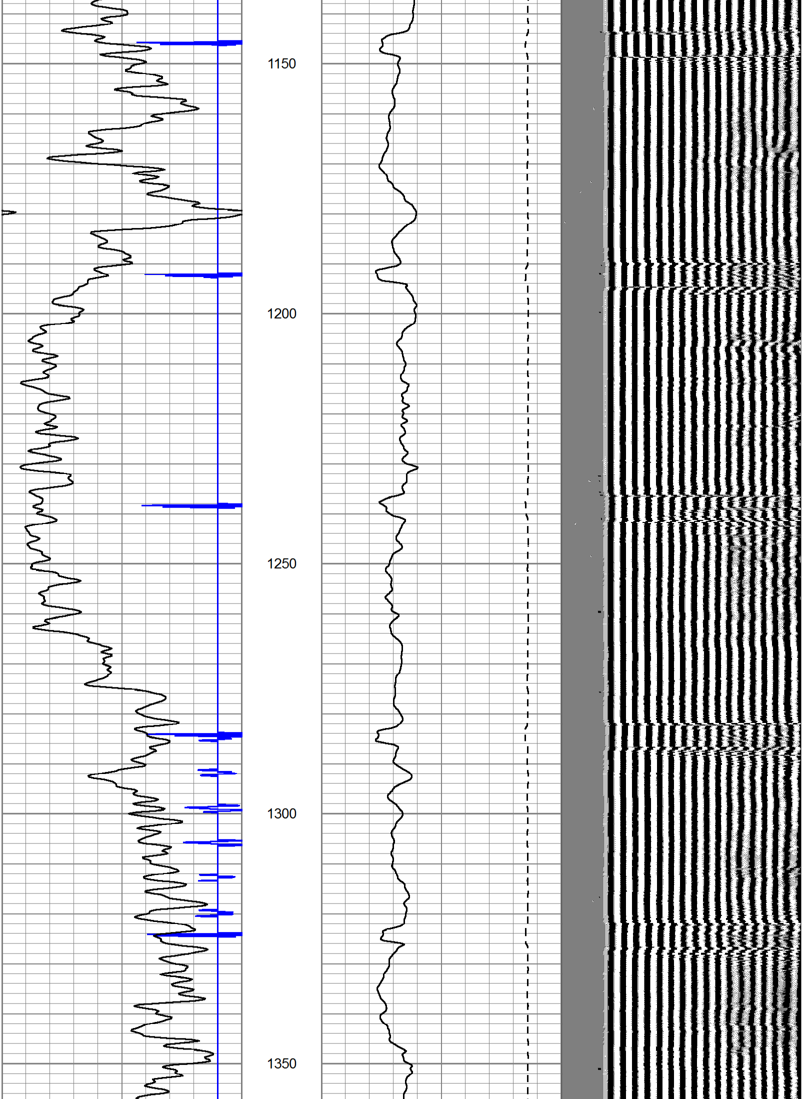
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

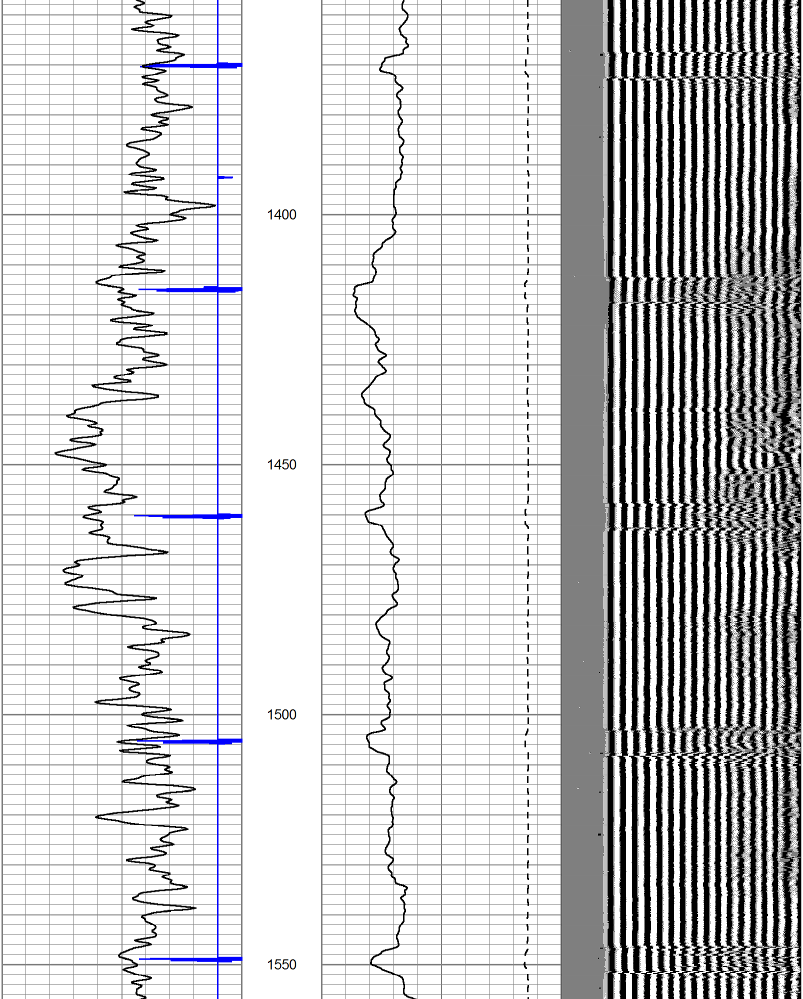
Comments

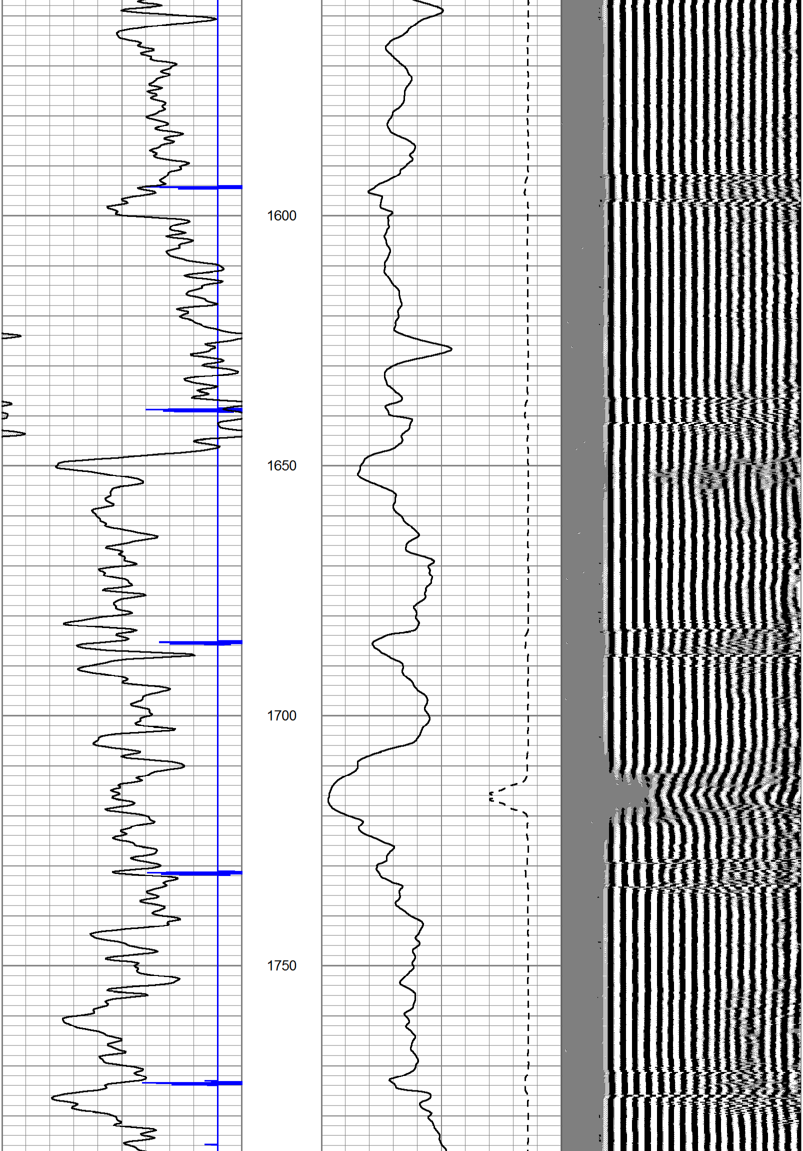
Database File: bogenhagen1.db
Dataset Pathname: pass2
Presentation Format: cbldig
Dataset Creation: Wed Jul 03 08:02:11 2019 by Log Std Casedhole 10071
Charted by: Depth in Feet scaled 1:240

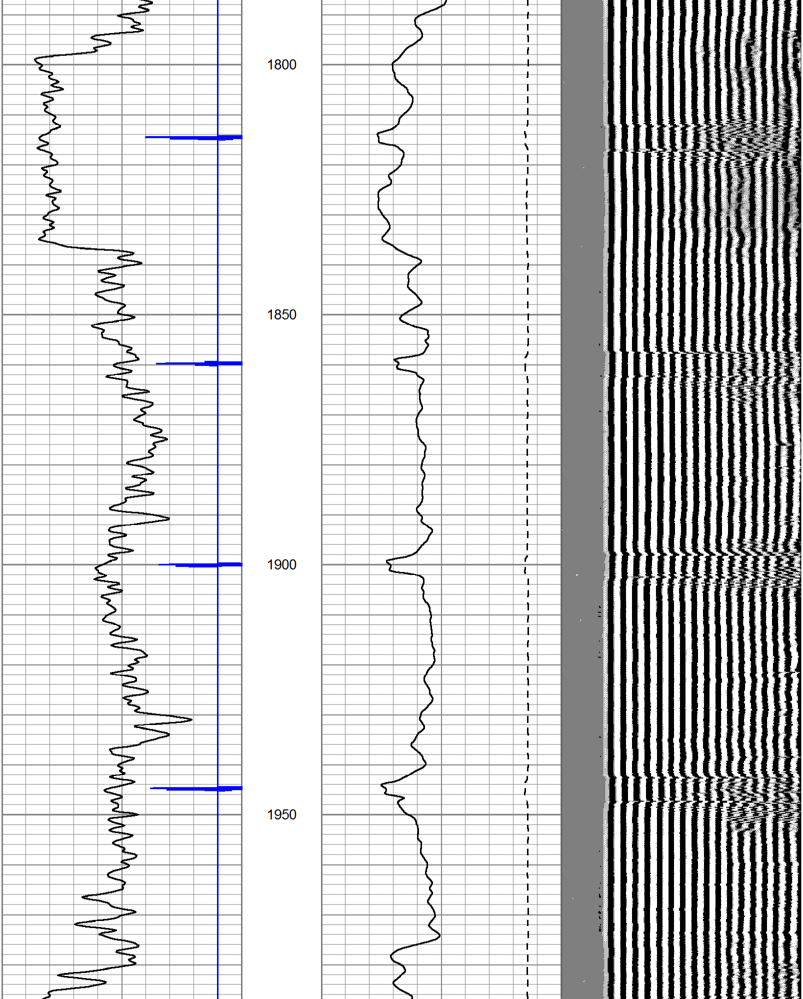


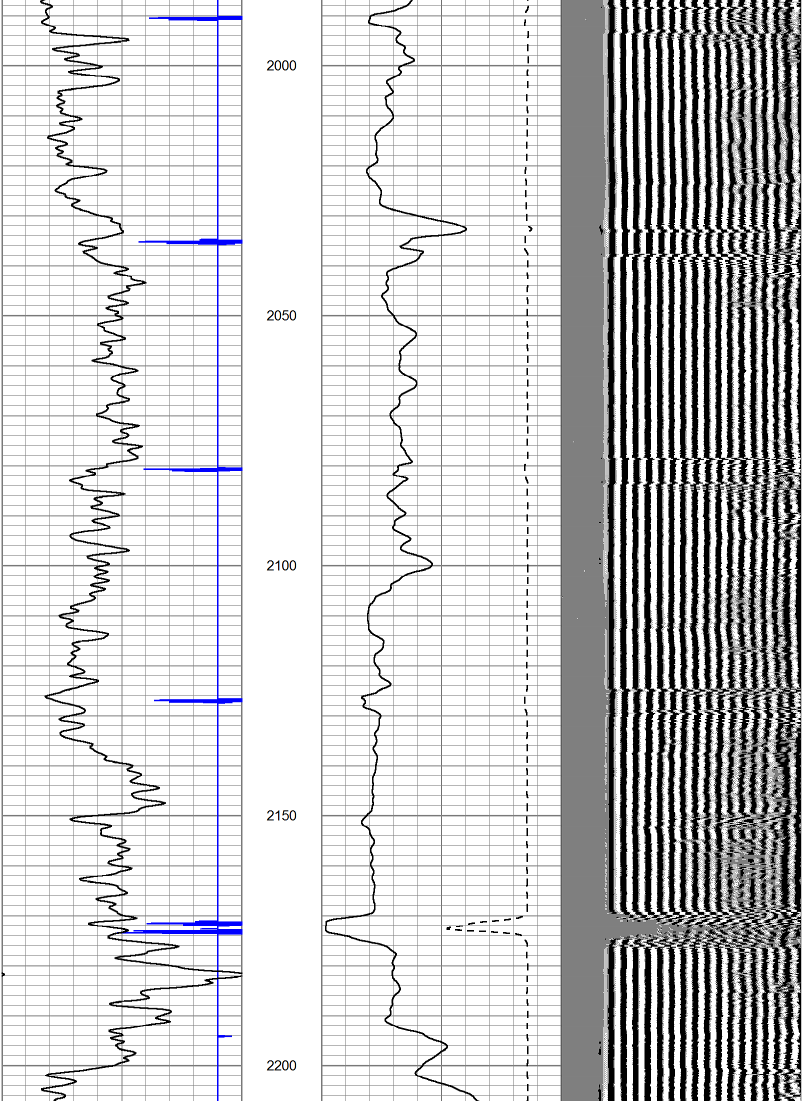


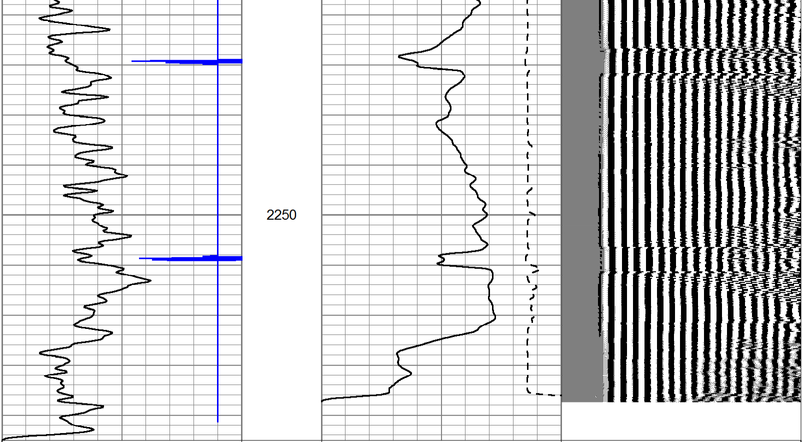








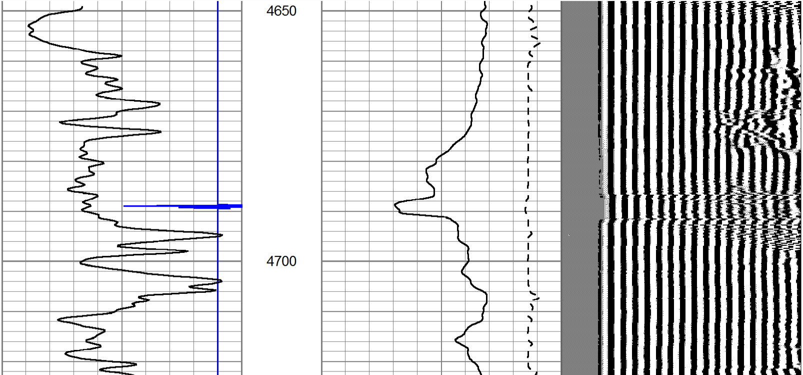


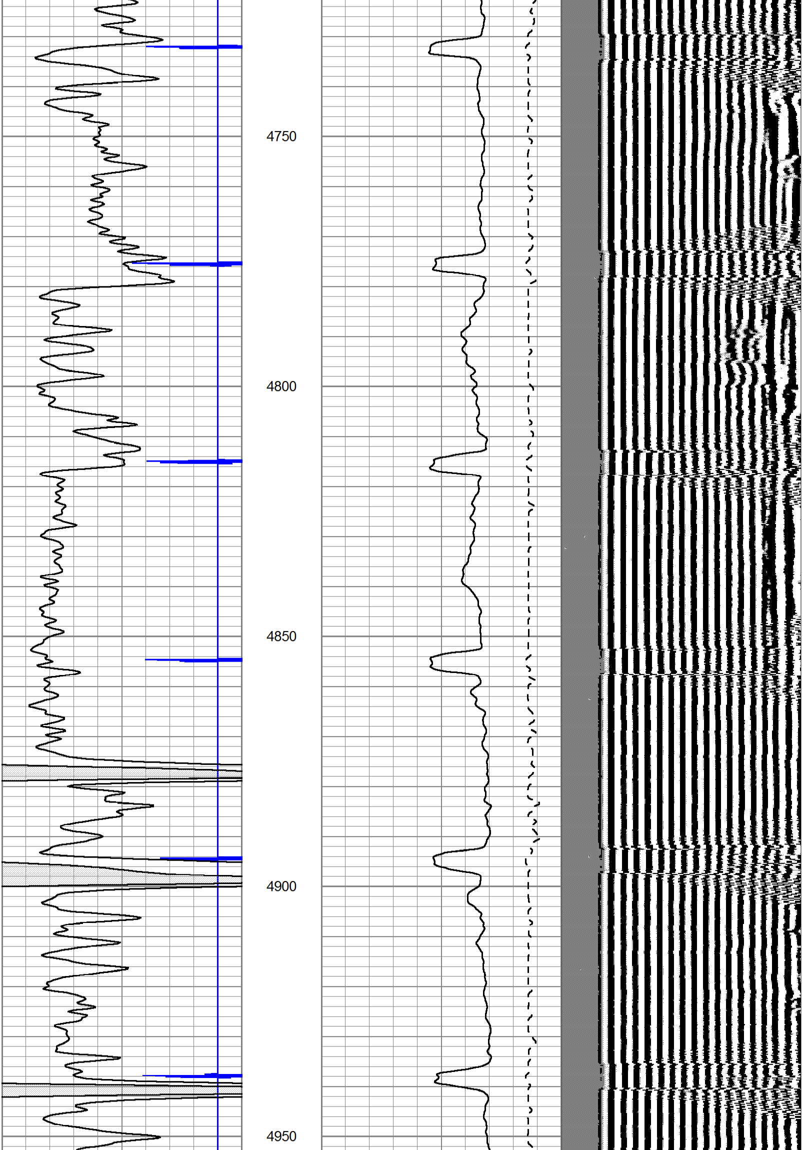


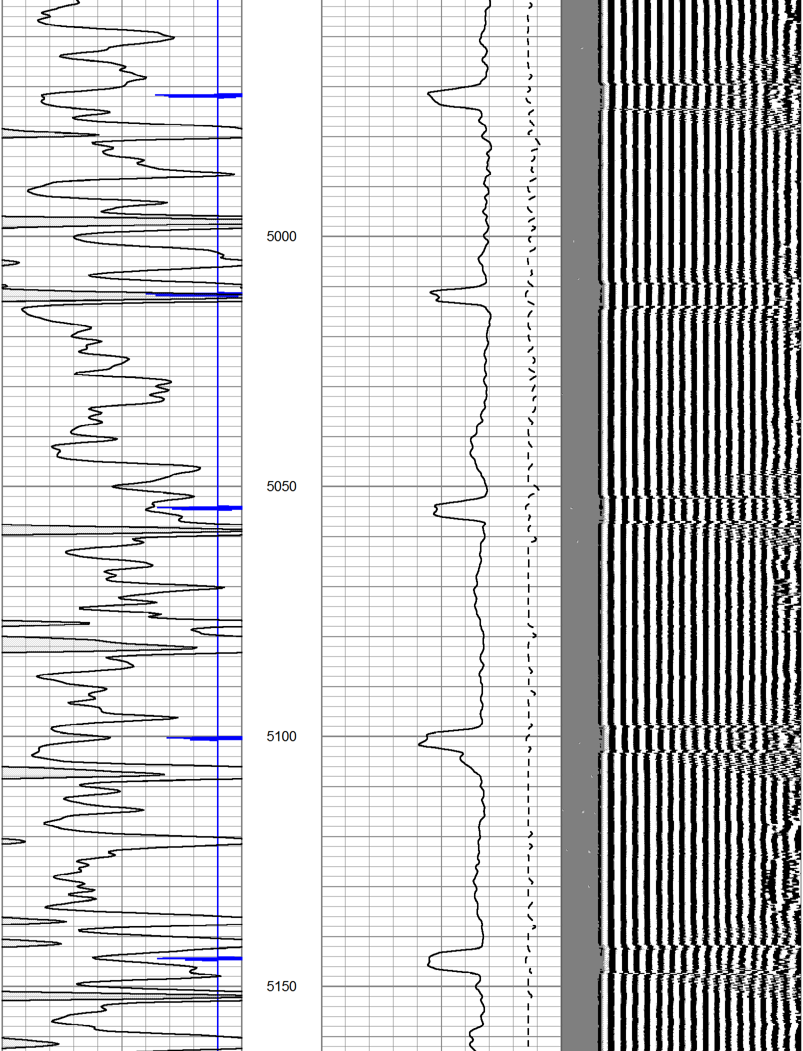
9 Collar Locator -1	0 Amplitude (mV) 100	200 Variable Density 1200
0 GR (GAPI) 150	800 Travel Time (usec) 200	

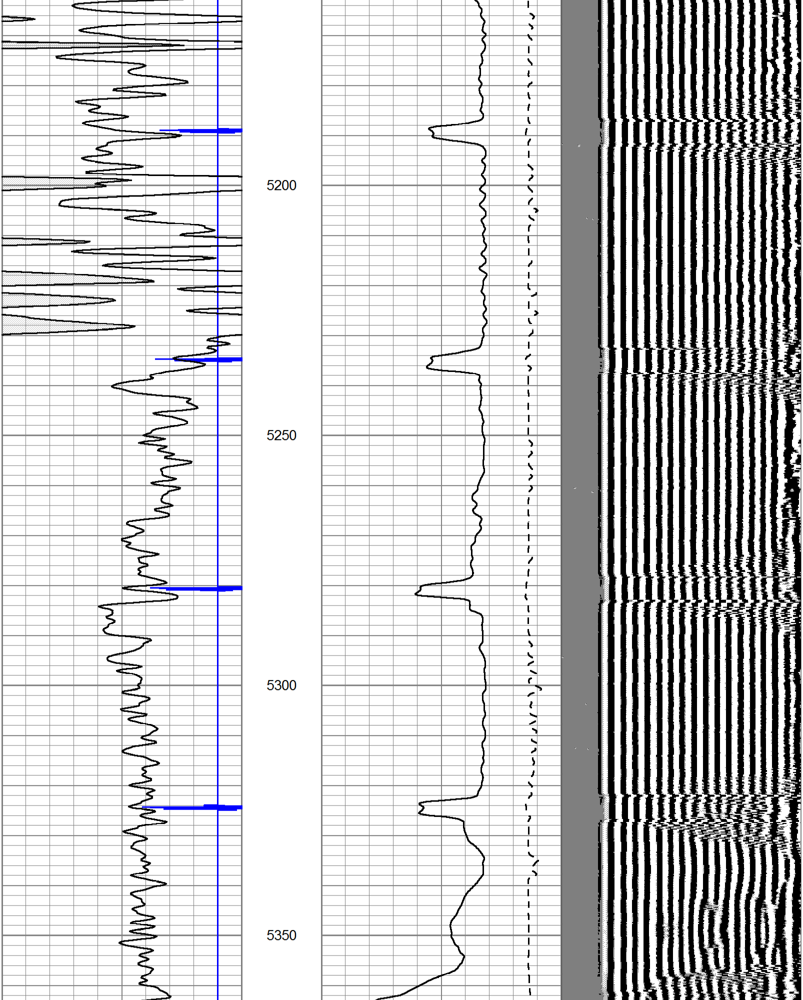
Database File: bogenhagen1.db
Dataset Pathname: pass1
Presentation Format: cbldig
Dataset Creation: Wed Jul 03 07:34:20 2019 by Log Std Casedhole 10071
Charted by: Depth in Feet scaled 1:240

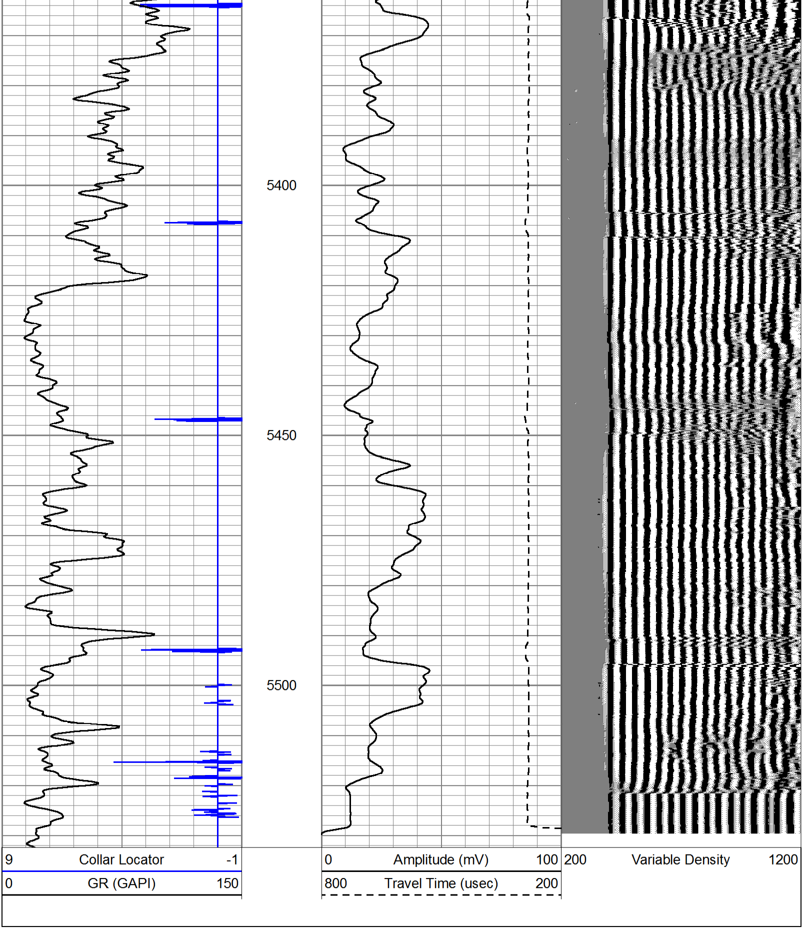
9 Collar Locator -1	0 Amplitude (mV) 100	200 Variable Density 1200
0 GR (GAPI) 150	800 Travel Time (usec) 200	











Calibration Report

Database File: bogenhagen1.db
Dataset Pathname: pass1
Dataset Creation: Wed Jul 03 07:34:20 2019 by Log Std Casedhole 10071

Gamma Ray Calibration Report

Serial Number: 061120GR
Tool Model: PROBE
Performed: Wed Dec 26 08:08:04 2018

Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	1.0000	GAPI/cps

Cement Bond Log Calibration Report

Serial Number: 5.5dig040201
Tool Model: Probe275Digital
Performed: Wed Jul 03 07:14:07 2019

Depth:	595.958	ft
Casing Diameter:	5.5	in

	3' Spacing	5' Spacing	
Signal Zero:	0.25	0	mV
Calibrated Amplitude:	71.921	71.921	mV
Reading at Signal Zero:	0.014502	0.0236816	V
Reading in Free Pipe:	2.06838	1.99045	V
Gain:	34.8954	36.568	
Offset:	-0.256053	-0.86599	