PEAK WIRELINE SERVICES, INC.

DUAL SPACED CEMENT BOND LOG

Company MULL DRIILLING COMPANY, INC.
Well #1-29 COBERLY-BEOUGHER UNIT
Field WILDCAT
County GOVE
State KANSAS

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Well	#1-29 COBERLY-BEOUGHER UNIT
Field	WILDCAT
County	GOVE
State	KANSAS

Location
2195' FNL & 3' FWL
NW SW SW NW
SEC 29 TWP 13S RGE 27W

Other Services

Permanent Datum	GROUND LEVEL	Elevation	2675
Log Measured From	KELLY BUSHING 8' AGL		
Drilling Measured From	KELLY BUSHING		

Elevation
K.B. 2683
D.F. 2681
G.L. 2675

Date	11-14-2018		
Run Number	ONE		
Depth Driller	4525		
Depth Logger	4438		
Bottom Logged Interval	4434	2200	
Top Log Interval	3300	300	
Casing Size	5 1/2"		
Type Fluid	WATER		
Density / Viscosity			
Max. Recorded Temp.			
Estimated Cement Top	3450		
Time Well Ready			
Time Logger on Bottom			
Equipment Number	TR-8		
Location	CHEYENNE WELLS, CO.		
Recorded By	HENDERSON		
Witnessed By	JERRY ROANE		

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	12 1/4"	0	221				
TWO	7 7/8"	221	4525				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8 5/8"	23#	0	221
Prot. String				
Production String	5 1/2"	15.5#	0	4512
Liner				

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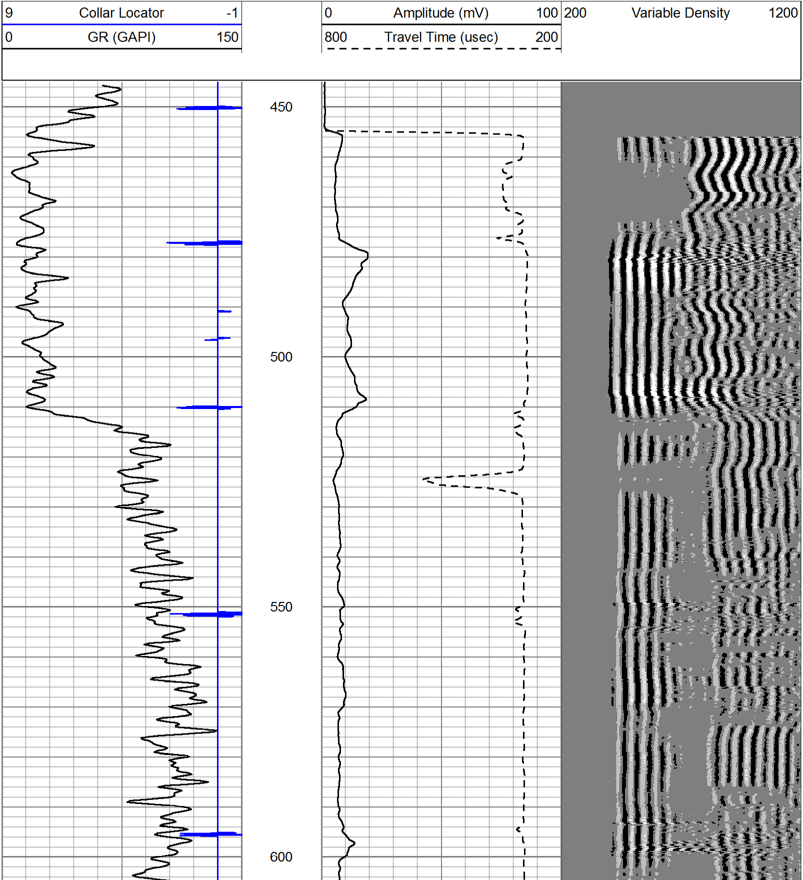
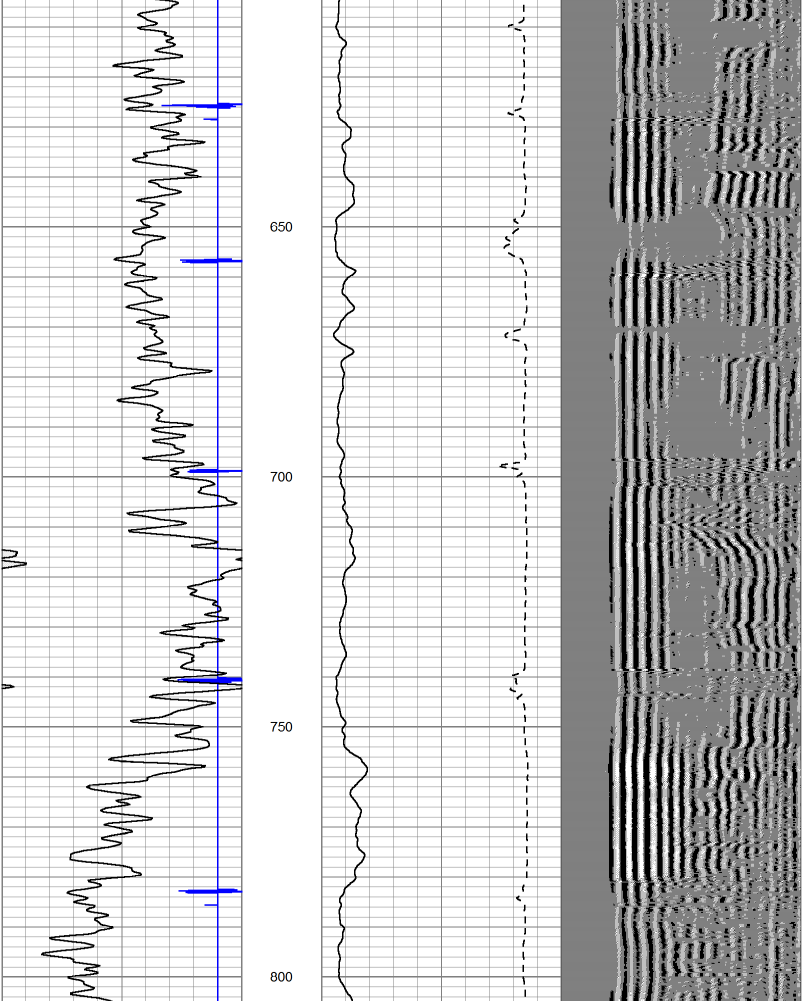
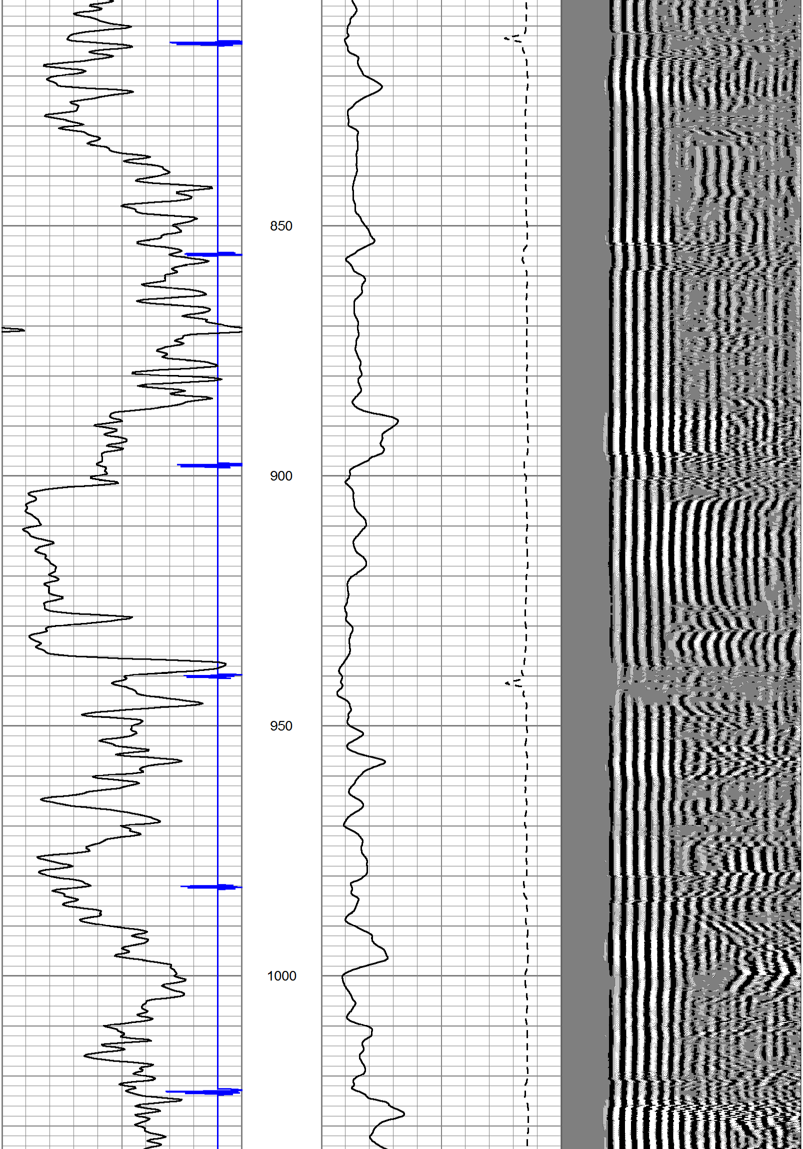
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

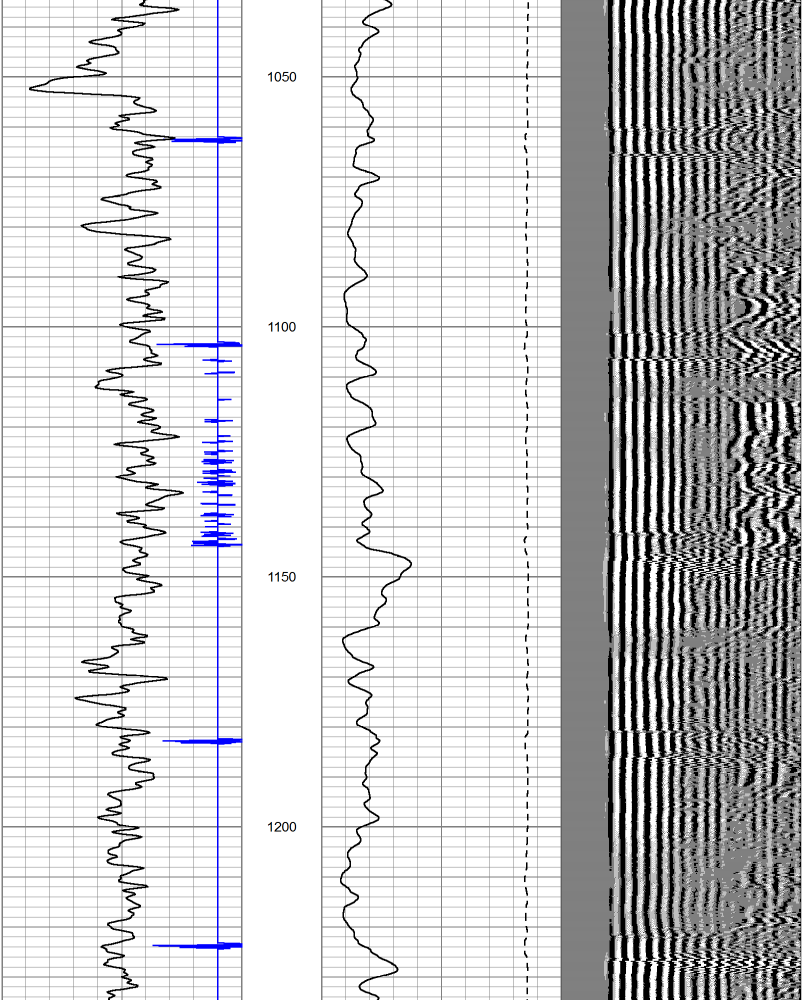
Comments

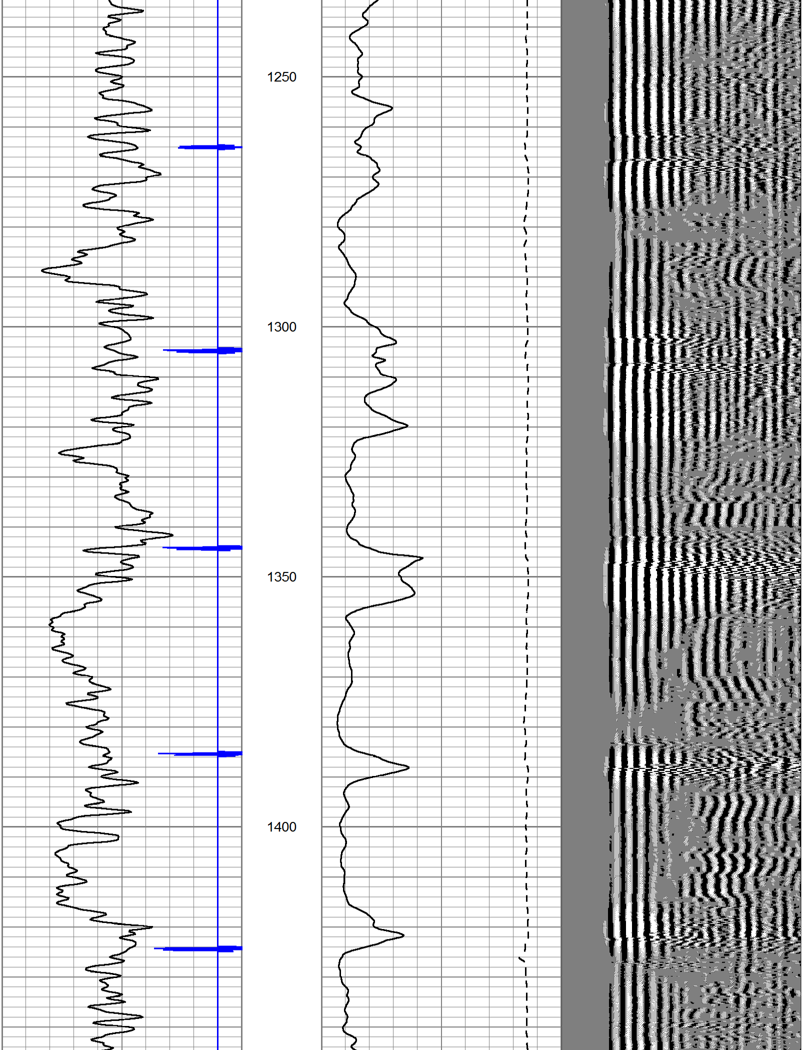
Database File: coberly.db
Dataset Pathname: pass3
Presentation Format: cbldig
Dataset Creation: Wed Nov 14 10:08:55 2018 by Log Std Casedhole 10071
Charted by: Depth in Feet scaled 1:240

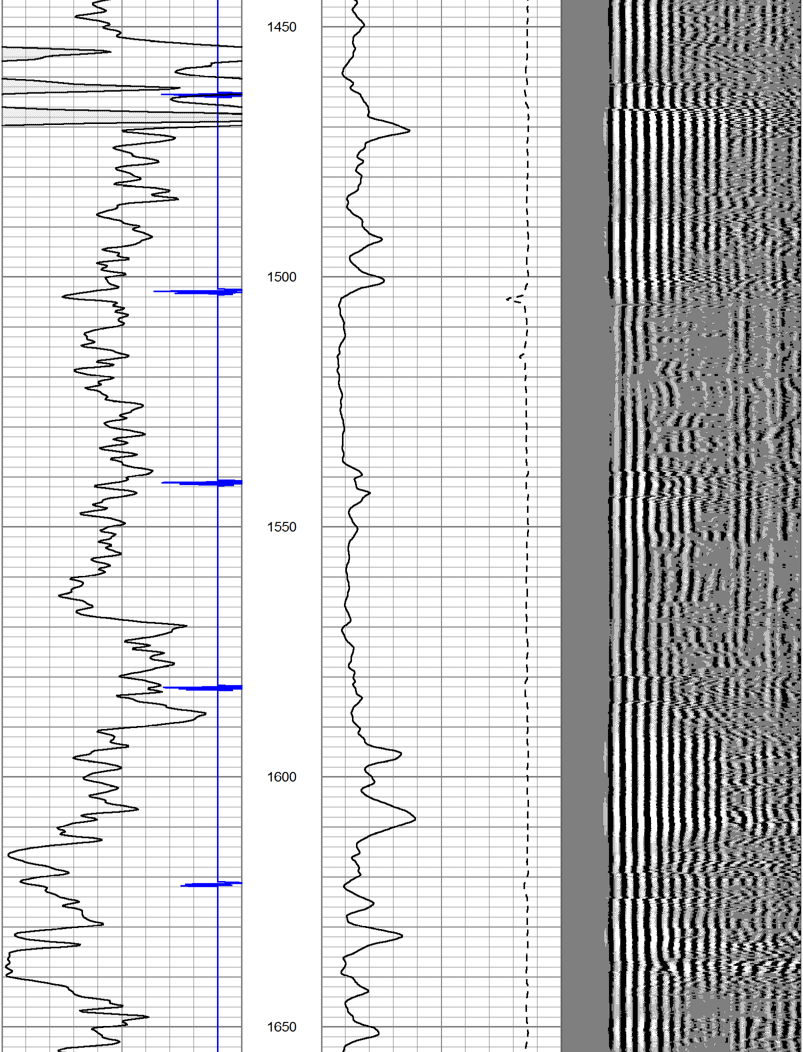


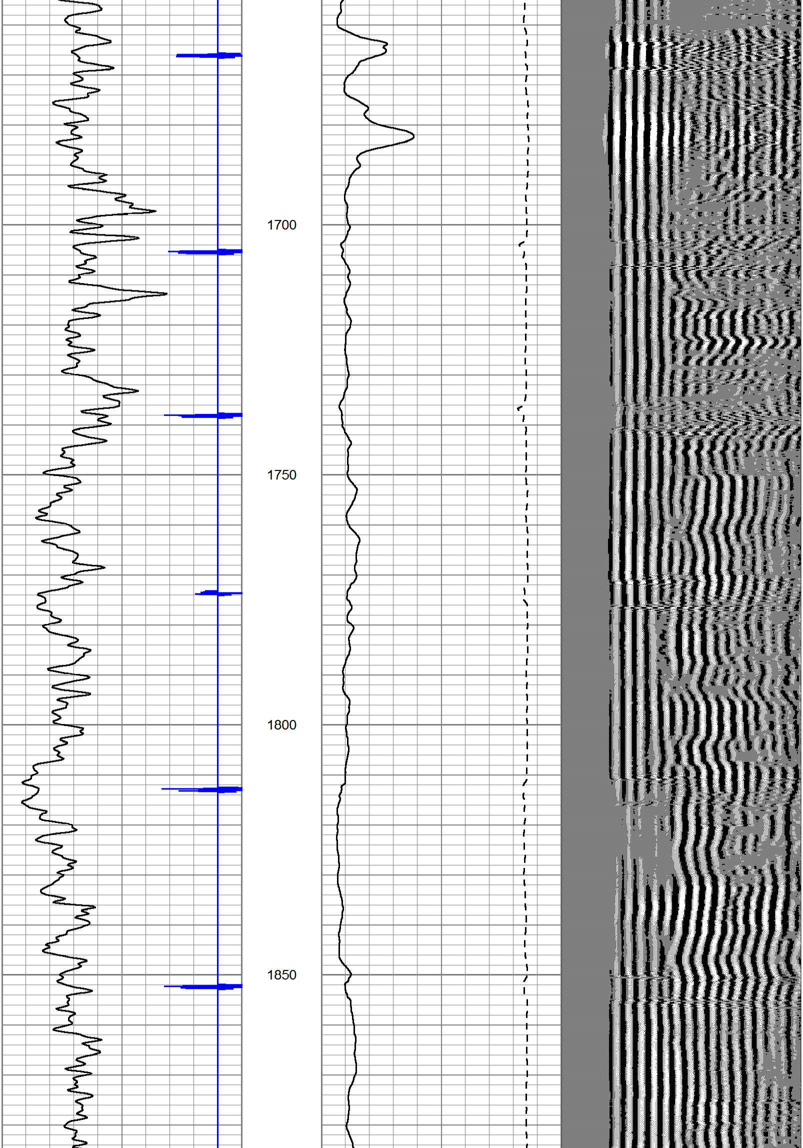


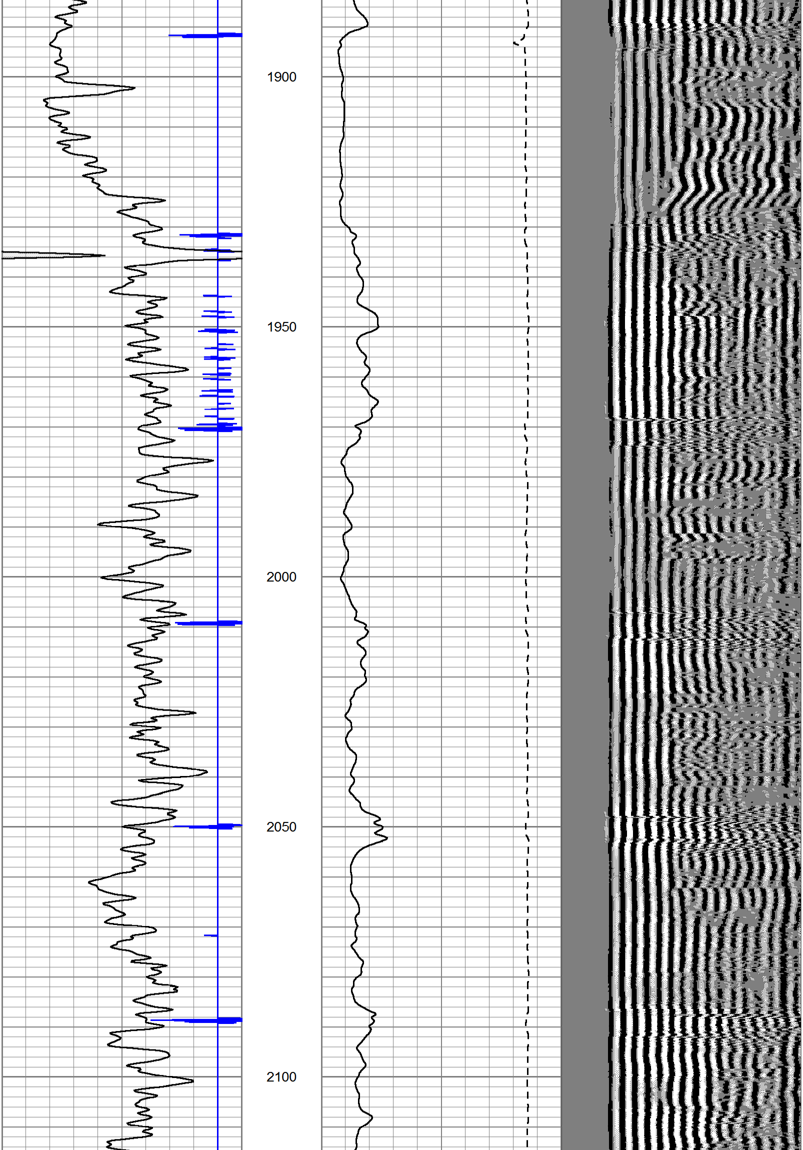


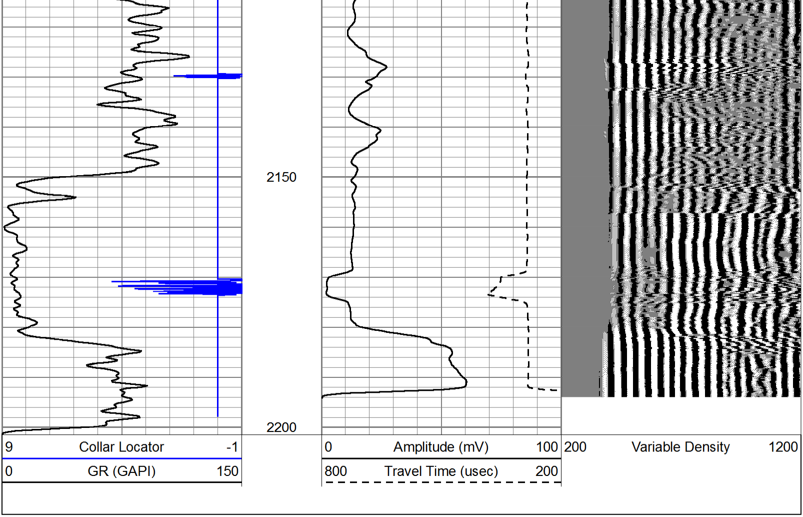












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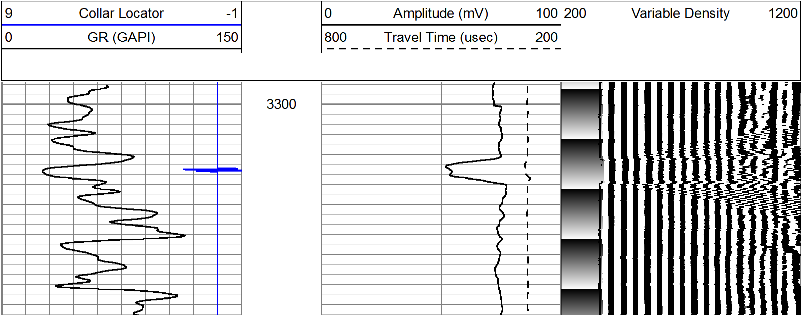
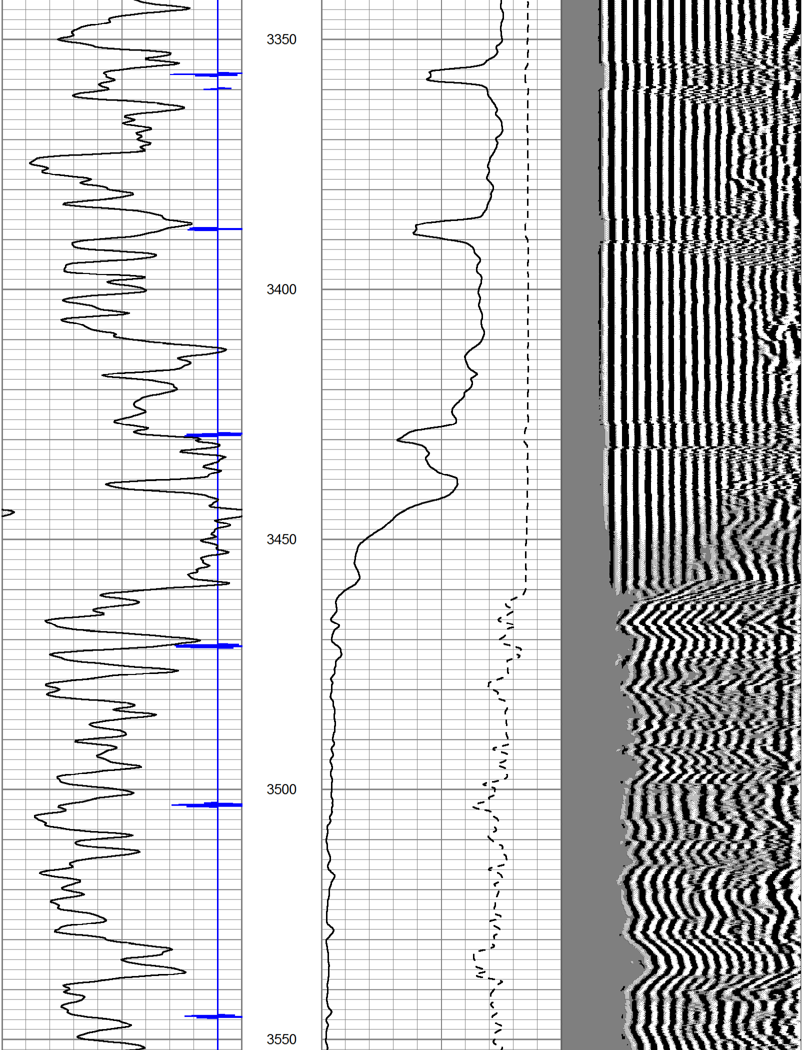
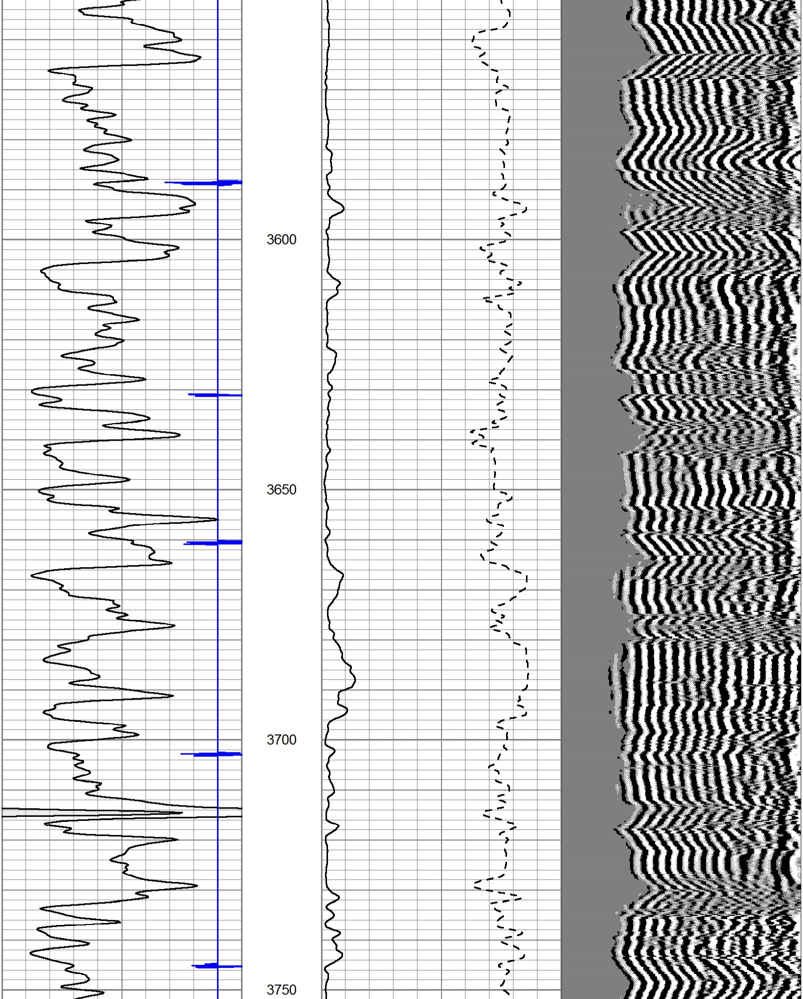
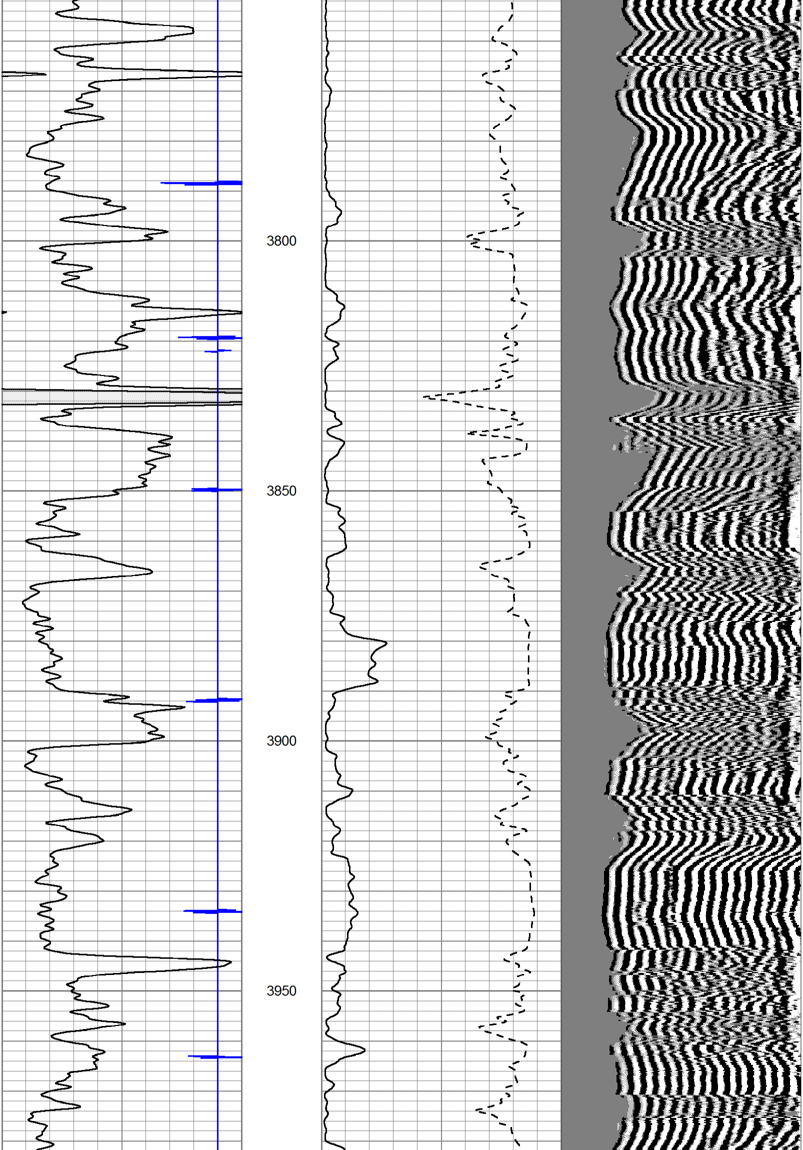
MAIN PASS

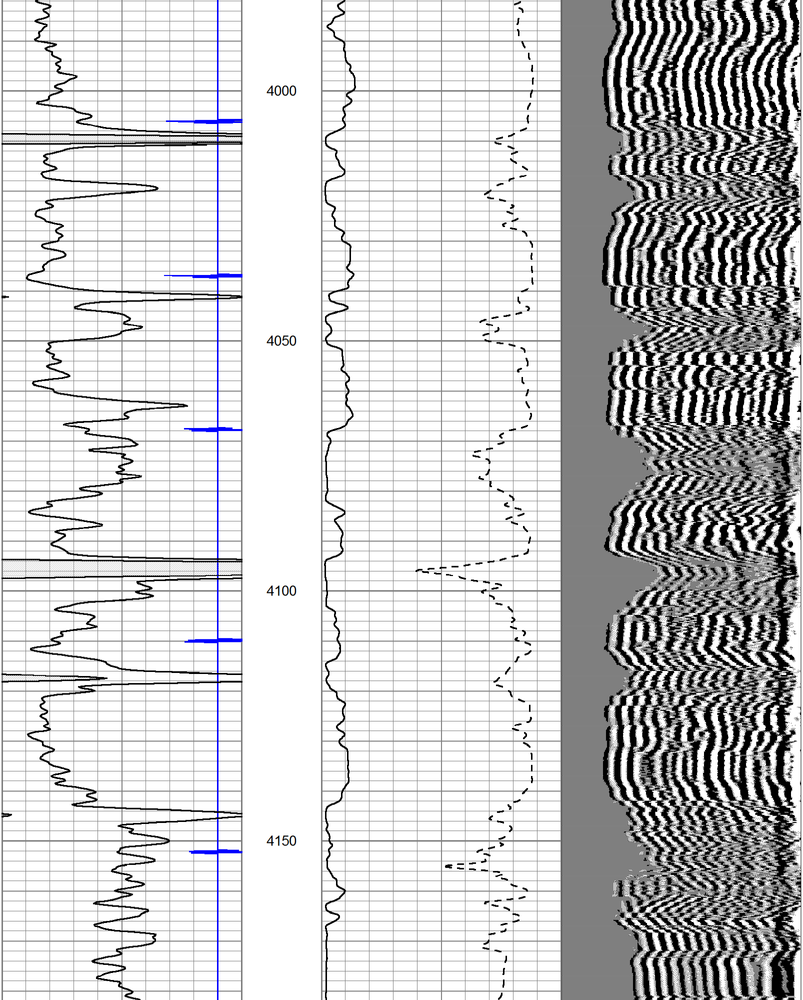
Database File:	coberly.db
Dataset Pathname:	pass2
Presentation Format:	cbldig
Dataset Creation:	Wed Nov 14 09:41:29 2018 by Log Std Casedhole 10071
Charted by:	Depth in Feet scaled 1:240

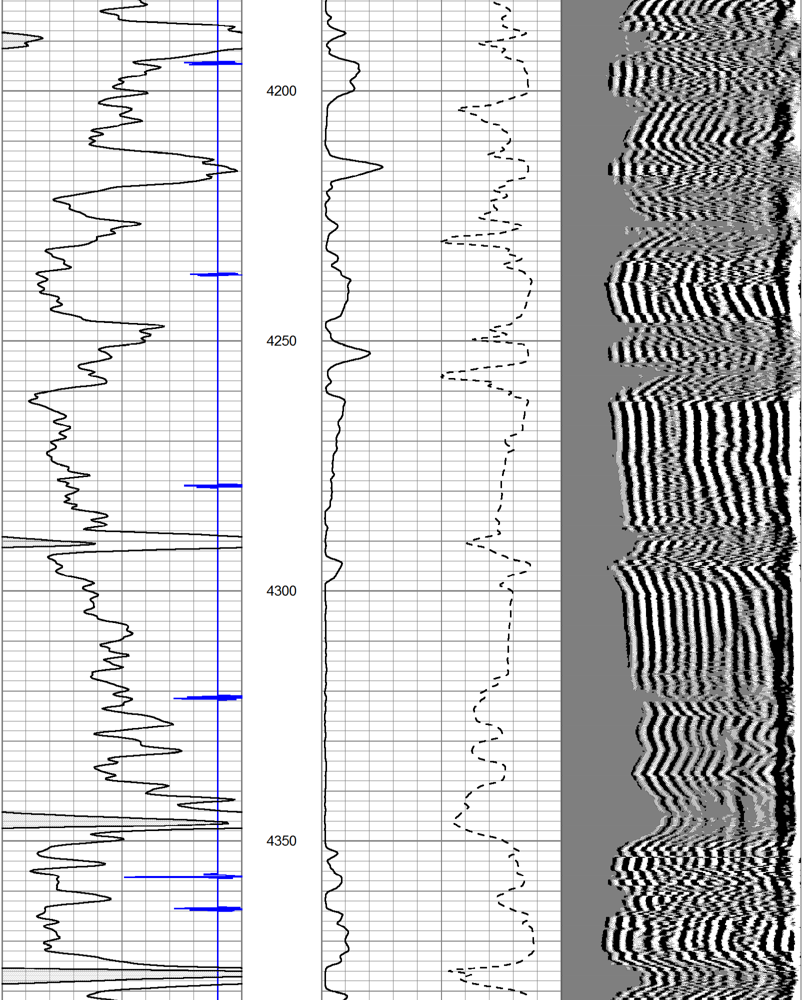


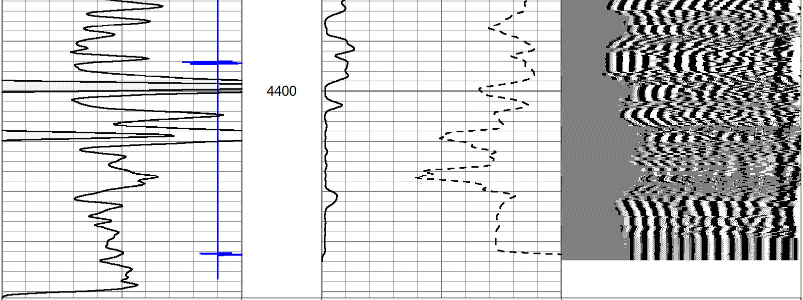












9	Collar Locator	-1	0	Amplitude (mV)	100	200	Variable Density	1200
0	GR (GAPI)	150	800	Travel Time (usec)	200			

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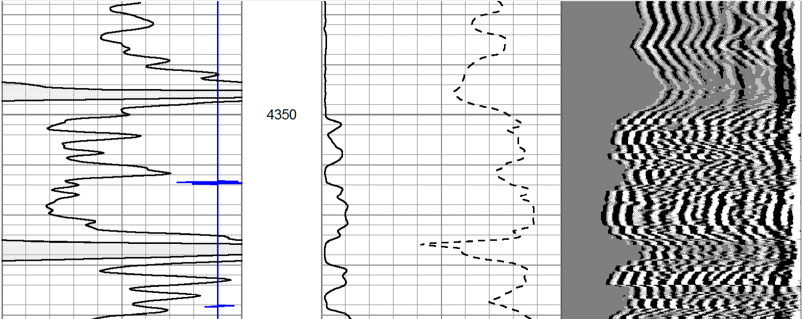
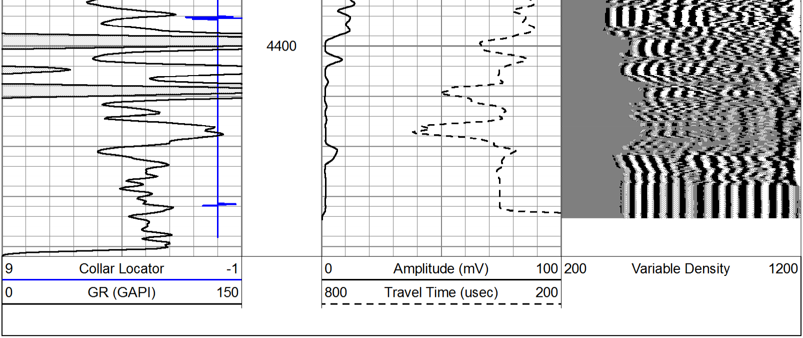
REPEAT SERCTION

Database File:	coberly.db
Dataset Pathname:	pass1
Presentation Format:	cbldig
Dataset Creation:	Wed Nov 14 09:37:53 2018 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:	coberly.db
Dataset Pathname:	pass3
Dataset Creation:	Wed Nov 14 10:08:55 2018 by Log Std Casedhole 10071

Gamma Ray Calibration Report

Serial Number:	061120GR	
Tool Model:	PROBE	
Performed:	Wed Nov 14 09:40:18 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 Nov 14 10:05:50 2018	
Depth:	2870.1	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	0.0130859	V
Reading in Free Pipe:	1.94035	1.73691	V
Gain:	36.9372	41.7217	
Offset:	0.25	-0.545966	