PEAK WIRELINE SERVICES, INC.

DUAL SPACED CEMENT BOND LOG

Company	CHOLLA PRODUCTION, LLC.
Well	WRANGLER #1-23
Field	WALZ
County	TREGO
State	KANSAS

Company CHOLLA PRODUCTION, LLC.
Well WRANGLER #1-23
Field WALZ
County TREGO State KANSAS

Location
815' FSL & 1760' FEL
SEC 23 TWP 11S RGE 21W

Other Services

Permanent Datum GROUND LEVEL Elevation 2265
Log Measured From KELLY BUSHING 8' AGL
Drilling Measured From KELLY BUSHING

Elevation
K.B. 2273
D.F.
G.L. 2265

Date	4-2-2021	
Run Number	ONE	
Depth Driller	3950	
Depth Logger	3924	
Bottom Logged Interval	3918	1800
Top Log Interval	2550	450
Casing Size	5 1/2"	
Type Fluid	WATER	
Density / Viscosity		
Max. Recorded Temp.		
Estimated Cement Top	2695	
Time Well Ready		
Time Logger on Bottom		
Equipment Number	TR-8	
Location	CHEYENNE WELLS, CO.	
Recorded By	HENDERSON	
Witnessed By	KELLY BRANUM	

Borehole Record

Run Number	Bit	From	To
ONE	12 1/4"	0	306
TWO	7 7/8"	306	3950

Tubing Record

Size	Weight	From	To

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8 5/8"	23#	0	306
Prot. String				
Production String	5 1/2"	15.5#	0	3950
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.

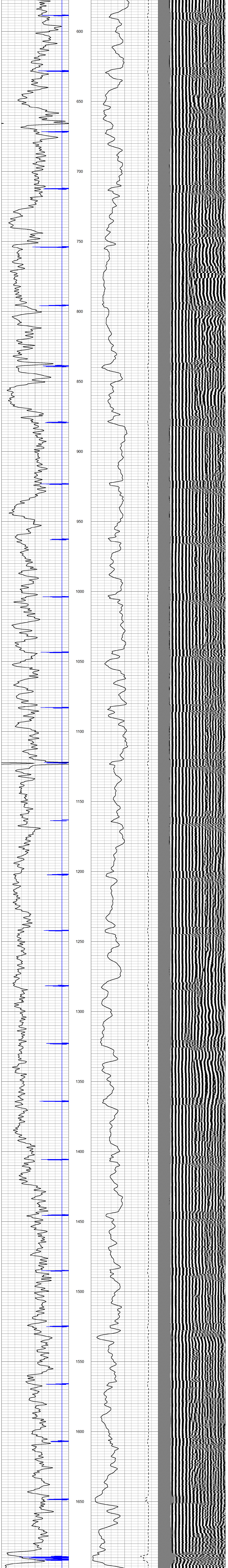
Comments

PEAK WIRELINE SERVICES, INC.

D V TOOL

Database File: wrangler.db
Dataset Pathname: 1-23/run1/pass3
Presentation Format: cbldig
Dataset Creation: Fri Apr 02 07:54:04 2021 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			



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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MAIN PASS

Database File: wrangler.db
Dataset Pathname: 1-23/run1/pass2.1
Presentation Format: cbldig
Dataset Creation: Fri Apr 02 08:20:35 2021 by Calc 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			

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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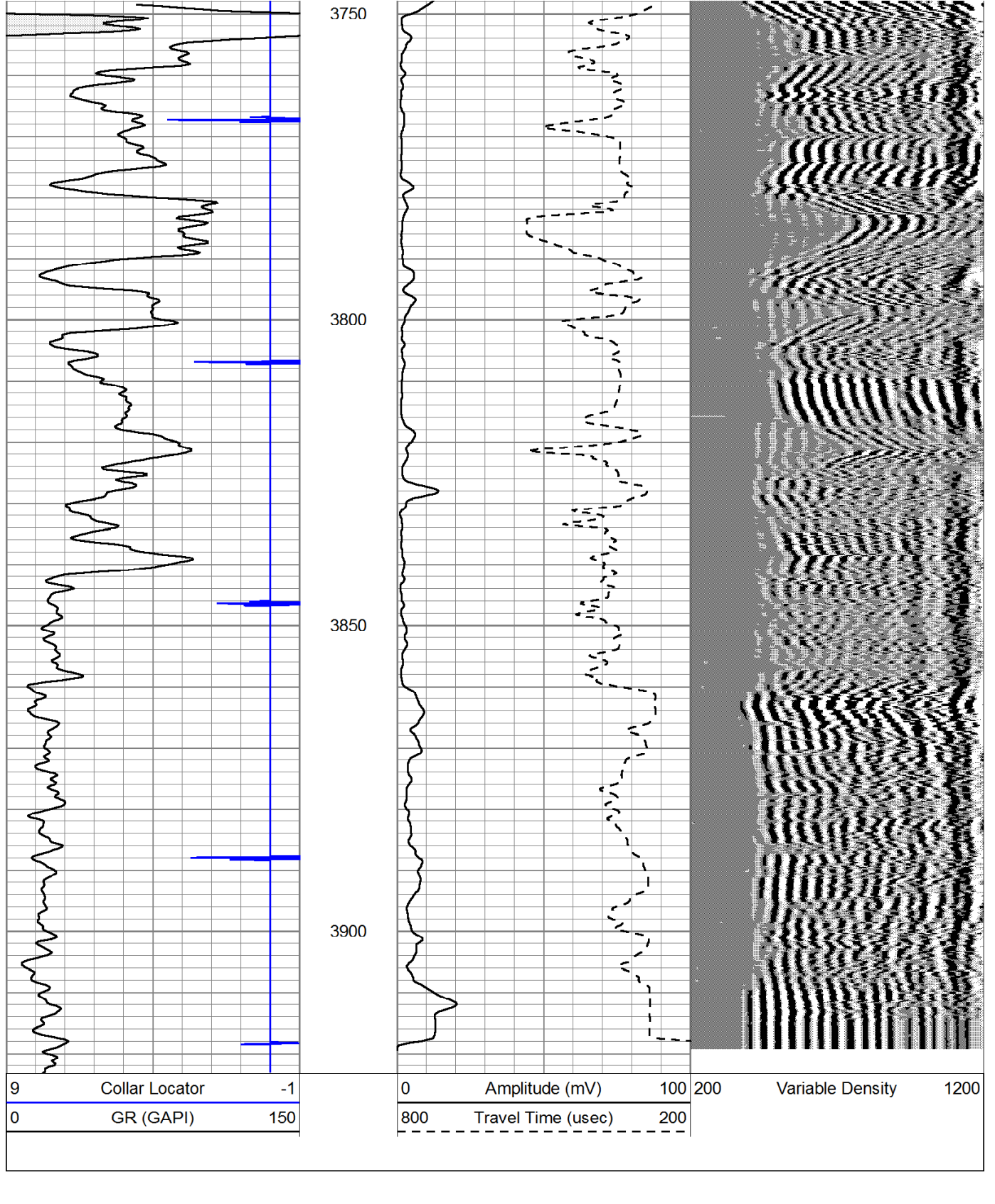
REPEAT SECTION

Database File: wrangler.db
Dataset Pathname: 1-23/run1/pass1
Presentation Format: cbldig
Dataset Creation: Fri Apr 02 07:14:52 2021 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			



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: wrangler.db
Dataset Pathname: 1-23/run1/pass2
Dataset Creation: Fri Apr 02 07:20:23 2021 by Log Std Casedhole 10071

Gamma Ray Calibration Report

Serial Number:	061120GR	
Tool Model:	PROBE	
Performed:	Tue Nov 24 14:05:52 2020	
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:	Fri Apr 02 07:49:44 2021		
Depth:	8.01667	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:	0.0114746	0.0172852	V
Reading in Free Pipe:	2.12288	1.86548	V
Gain:	33.9447	38.9142	
Offset:	-0.139502	-0.672638	