PEAK WIRELINE SERVICES, INC.

DUAL SPACED CEMENT BOND LOG

Company	ARCADIAN RESOURCES
Well	MINDRUP #2
Field	
County	NORTON
State	KANSAS

Company ARCADIAN RESOURCES
Well MINDRUP #2
Field
County NORTON State KANSAS
Location API 15-137-00568-0000 NW NW NW SEC 31 TWP 3S RGE 23W
Other Services

Permanent Datum	GROUND LEVEL	Elevation	2409
Log Measured From	KELLY BUSHING 5' AGL		
Drilling Measured From	KELLY BUSHING		

Elevation: K.B. 2414, D.F., G.L. 2409

Date	8-14-2019
Run Number	ONE
Depth Driller	3663
Depth Logger	3655
Bottom Logged Interval	3651
Top Log Interval	330
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-4
Location	CHEYENNE WELLS, CO
Recorded By	HENDERSON
Witnessed By	JIMMIE DEVERMAN / BUTCH DRYLIE

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	12 1/4"	0	280				
TWO	7 7/8"	280	3721				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8 5/8"		0	280
Prot. String				
Production String	5 1/2"		0	3721
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.

MAIN PASS

Database File:	mindrup2.db
Dataset Pathname:	pass2
Presentation Format:	cbldig
Dataset Creation:	Wed Aug 14 16:00:10 2019 by Log 7.0 B1
Charted by:	Depth in Feet scaled 1:240

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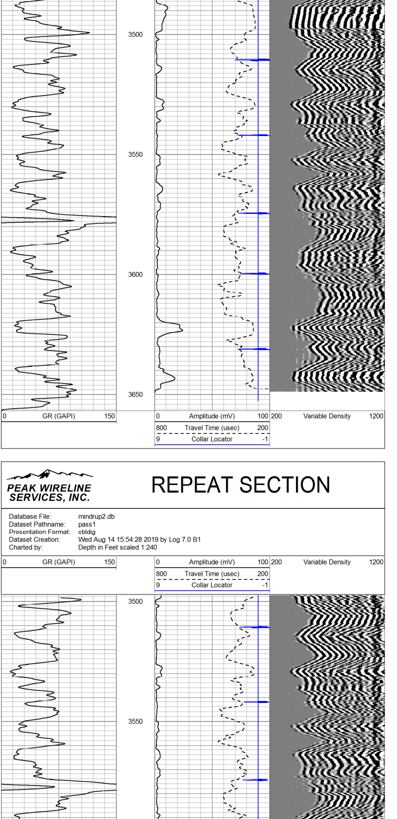
REPEAT SECTION

Database File:	mindrup2.db
Dataset Pathname:	pass1
Presentation Format:	cbldig
Dataset Creation:	Wed Aug 14 15:54:28 2019 by Log 7.0 B1
Charted by:	Depth in Feet scaled 1:240



Calibration Report

Database File:	mindrup2.db
Dataset Pathname:	pass1
Dataset Creation:	Wed Aug 14 15:54:28 2019 by Log 7.0 B1

Gamma Ray Calibration Report

Serial Number:	061120GR	
Tool Model:	PROBE	
Performed:	Mon May 13 08:25:54 2019	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	1.2000	GAPI/cps

Cement Bond Log Calibration Report

Serial Number:	5.5dig040201		
Tool Model:	Probe275Digital		
Performed:	Wed Aug 14 15:47:38 2019		
Depth:	815.975	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:	-0.00368652	0.0156006	V
Reading in Free Pipe:	2.45439	2.39534	V
Gain:	29.1573	30.2223	
Offset:	0.357489	-0.471485	