PEAK WIRELINE SERVICES, INC.

DUAL SPACED CEMENT BOND LOG

Company MULL DRILLING COMPANY,INC.
Well JOHNSON FARMS #1-18
Field SPIVEY-GRBBS-BASIL
County KINGMAN
State KANSAS

Company MULL DRILLING COMPANY, INC.
Well JOHNSON FARMS 1-18
Field SPIVEY-GRABBS-BASIL
County KINGMAN State KANSAS
Location
1650' FNL & 990' FEL
SEC 18 TWP 30S RGE 7W
Other Services

Permanent Datum GROUND LEVEL Elevation 1471
Log Measured From KELLY BUSHING 7' AGL
Drilling Measured From KELLY BUSHING

Elevation
K.B. 1478
D.F. 1476
G.L. 1471

Date	7-8-2018
Run Number	ONE
Depth Driller	4300
Depth Logger	4246
Bottom Logged Interval	4242
Top Log Interval	2600
Casing Size	5 1/2"
Type Fluid	WATER
Density / Viscosity	
Max. Recorded Temp.	
Estimated Cement Top	2730
Time Well Ready	
Time Logger on Bottom	
Equipment Number	TR-4
Location	CHEYENNE WEELLS, CO.
Recorded By	HENDERSON
Witnessed By	TIM HOSS

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	12 1/4""	0	215				
TWO	7 7/8"	215	4300				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8 5/8"	24#	0	218
Prot. String				
Production String	5 1/2"	17#	0	4273
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: johnsonfarms.db
Dataset Pathname: 1-18/run1/pass2
Presentation Format: cbldig
Dataset Creation: Mon Jul 09 08:19:37 2018 by Log 7.0 B1
Charted by: Depth in Feet scaled 1:240

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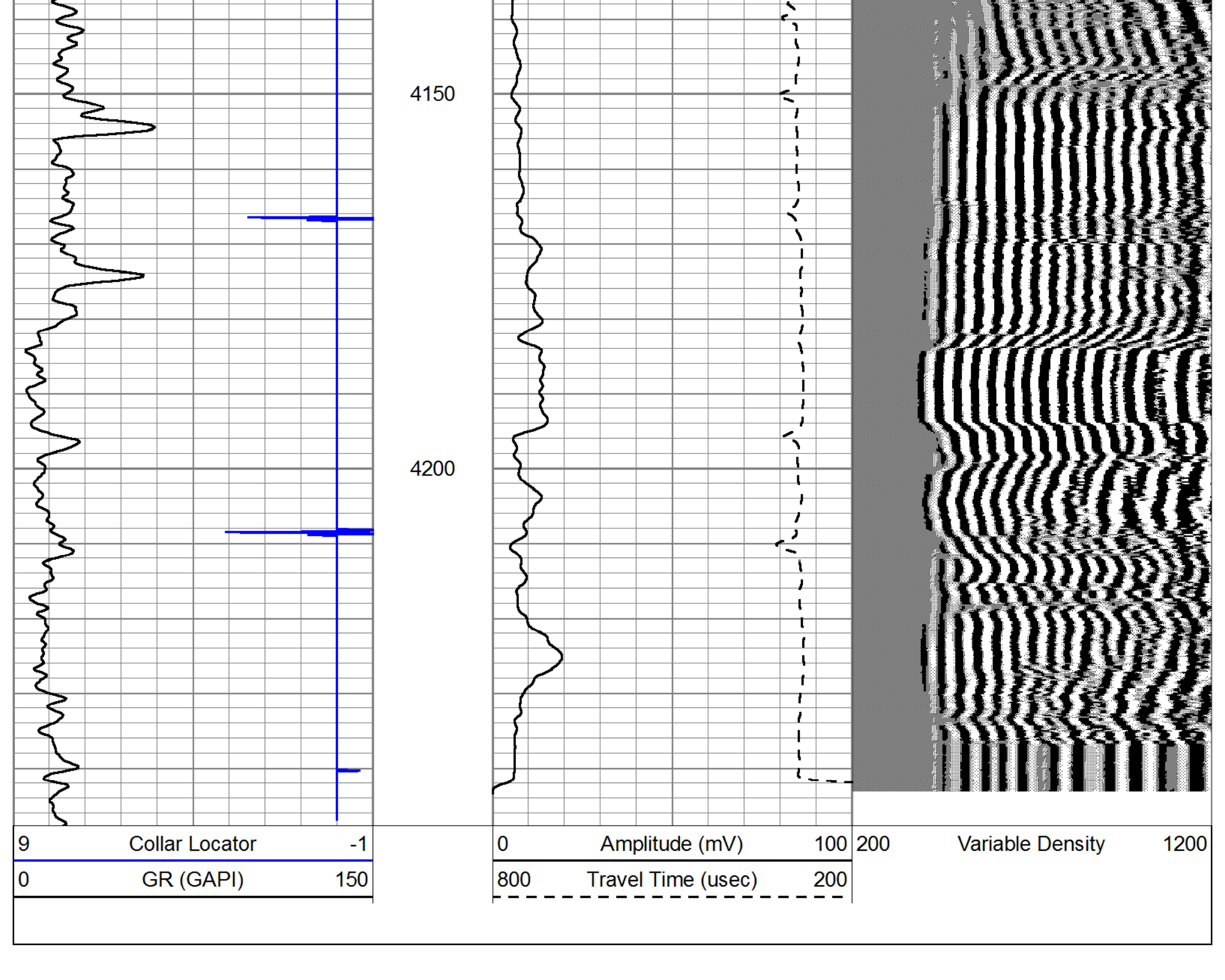
REPEAT SECTION

Database File: johnsonfarms.db
Dataset Pathname: 1-18/run1/pass1
Presentation Format: cbldig
Dataset Creation: Mon Jul 09 08:14:34 2018 by Log 7.0 B1
Charted by: Depth in Feet scaled 1:240



Calibration Report

Database File: johnsonfarms.db
Dataset Pathname: 1-18/run1/pass2
Dataset Creation: Mon Jul 09 08:19:37 2018 by Log 7.0 B1

Gamma Ray Calibration Report

Serial Number:	061120GR	
Tool Model:	PROBE	
Performed:	Fri May 19 15:59:06 2017	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.9000	GAPI/cps

Cement Bond Log Calibration Report

Serial Number:	5.5dig040201		
Tool Model:	Probe275Digital		
Performed:	Mon Jul 09 08:06:13 2018		
Depth:	1725.22	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:	0.00415039	0.00895996	V
Reading in Free Pipe:	2.23545	2.16279	V
Gain:	32.1208	33.3921	
Offset:	0.116686	-0.299192	