PEAK WIRELINE SERVICES, INC.

DUAL SPACED CEMENT BOND LOG

Company	MURFIN DRILLING, INC.
Well	RED POLL #10-21
Field	WILDCAT
County	LINCOLN
State	COLORADO

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Location
API #05-073-06720
2200' FSL & 1500' FEL
SEC 21 TWP 10 RGE 56W

Other Services

Permanent Datum GROUND LEVEL Elevation 5492
Log Measured From KELLY BUSHING 13' AGL
Drilling Measured From KELLY BUSHING

Elevation
K.B. 5505
D.F.
G.L. 5492

Date	9-21-2017		
Run Number	ONE		
Depth Driller	8500		
Depth Logger	8386		
Bottom Logged Interval	8382		
Top Log Interval	3200		
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	GLEN WAHRMAN		

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	12 1/4"	0	476				
TWO	7 7/8"	478	8500				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8 5/8"	24#	0	476
Prot. String				
Production String	5 1/2"	17#	0	8495
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

MAIN PASS

PEAK WIRELINE SERVICES, INC.

Database File: 5redpoll.db
Dataset Pathname: pass3.2
Presentation Format: cbldig
Dataset Creation: Thu Sep 21 15:05:16 2017
Charted by: Depth in Feet scaled 1:240

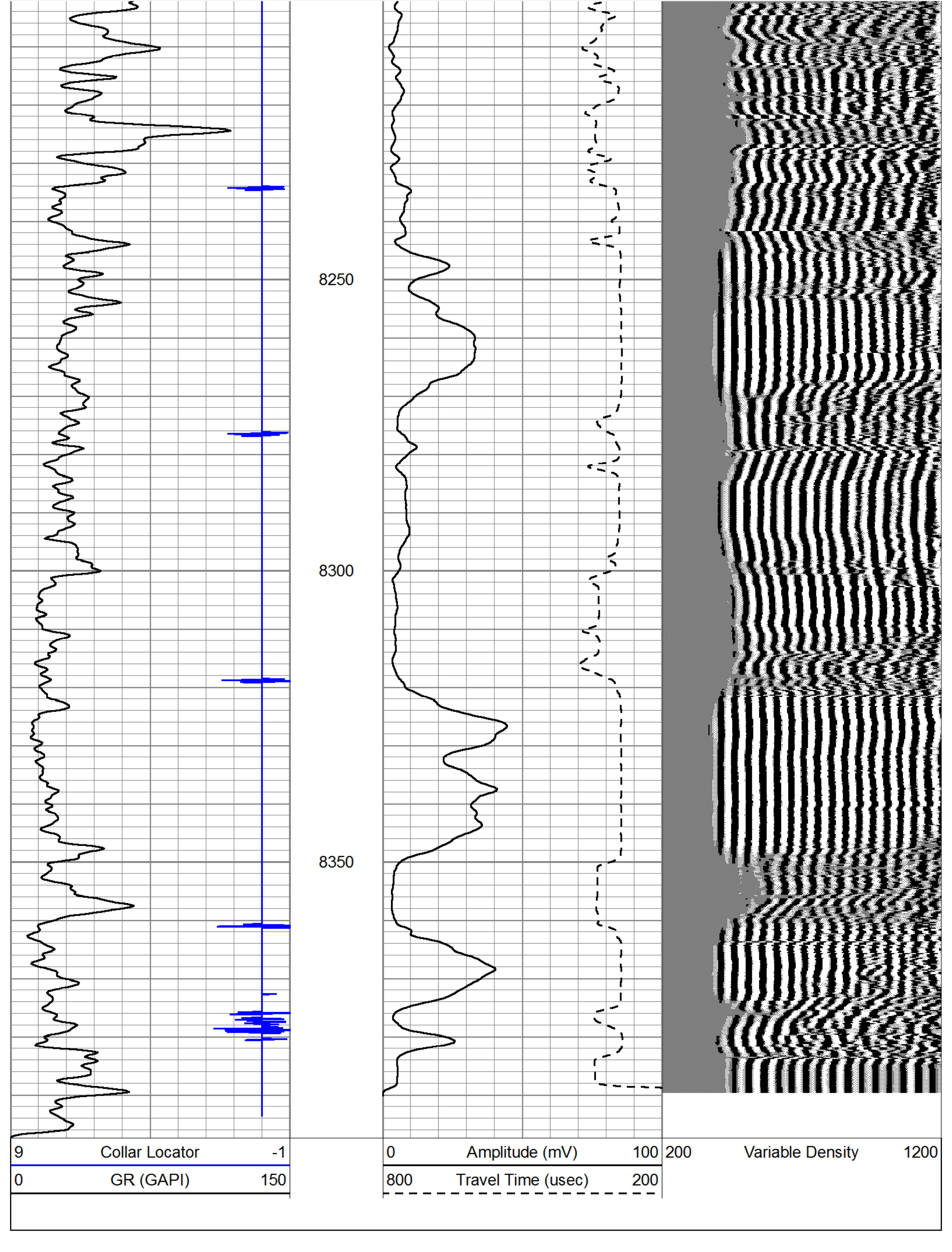
9	Collar Locator	-1	0	Amplitude (mV)	100	200	Variable Density	1200
0	GR (GAPI)	150	800	Travel Time (usec)	200			

PEAK WIRELINE SERVICES, INC.

REPEAT SECTION

Database File: 5redpoll.db
Dataset Pathname: pass2
Presentation Format: cbldig
Dataset Creation: Thu Sep 21 07:24:16 2017 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: 5redpoll.db
Dataset Pathname: pass3
Dataset Creation: Thu Sep 21 07:30:03 2017 by Log Std Casedhole 10071

Gamma Ray Calibration Report

Serial Number:	061120GR	
Tool Model:	PROBE	
Performed:	Thu Sep 21 08:17:21 2017	
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:	Thu Sep 21 07:19:38 2017		
Depth:	82.3833	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:	0.010083	0.0128662	V
Reading in Free Pipe:	1.96384	1.91064	V
Gain:	36.6836	37.8975	
Offset:	-0.119881	-0.487597	