PEAK WIRELINE SERVICES, INC.

DUAL SPACED CEMENT BOND LOG

Company MURFIN DRILLING CO, INC.
Well CAMPO UNIT #605
Field SECU
County BACA
State COLOORADO

Company	MURFIN DRILLING COMPANY, INC.	
Well	CAMPO UNIT #605	
Field	SECU	
County	BACA	State COLORADO
Location	NE NW 860' FNL & 1780' FWL SEC 1 TWP 35S RGE 46W	Other Services
Permanent Datum	GROUND LEVEL Elevation 4180.9	Elevation K.B. 4192.9 D.F. G.L. 4180.9
Log Measured From	KELLY BUSHING 12' AGL	
Drilling Measured From	KELLY BUSHING	

Date	5-16-2018
Run Number	ONE
Depth Driller	4250
Depth Logger	3970
Bottom Logged Interval	3966
Top Log Interval	780
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	JAIME ESQUIVEL

Borehole Record			Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8 5/8"		0	1849
Prot. String				
Production String	5 1/2"		0	4249
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: campounit.db
Dataset Pathname: 1102/run1/pass2.1
Presentation Format: cbldig
Dataset Creation: Wed May 16 10:27:13 2018 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	

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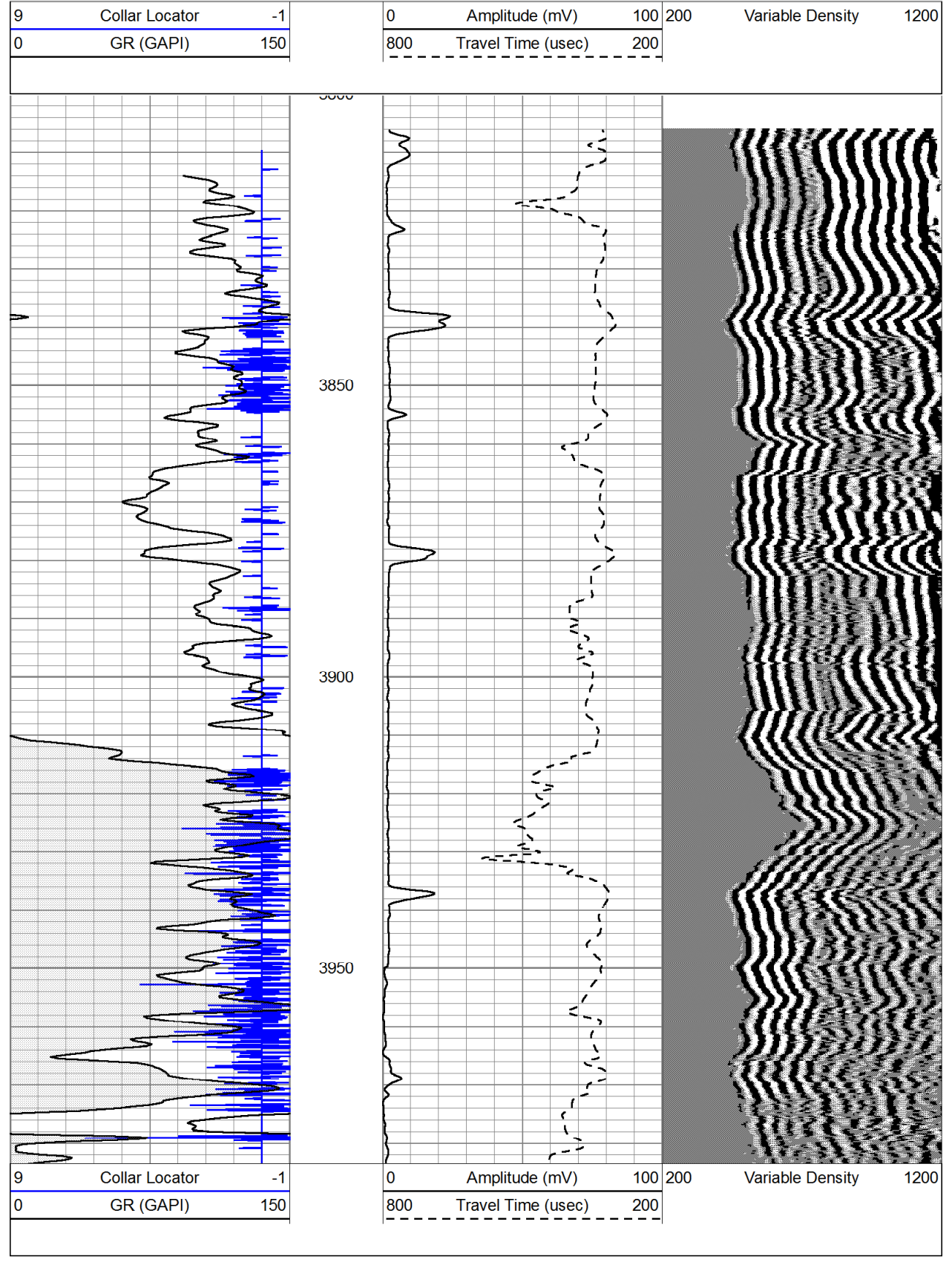
Database File: campounit.db
Dataset Pathname: 1102/run1/pass1
Presentation Format: cbldig
Dataset Creation: Wed May 16 09:09:34 2018 by Log Std Casedhole 10071
Charted by: Depth in Feet scaled 1:240

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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Calibration Report

Database File: campounit.db
Dataset Pathname: 1102/run1/pass1
Dataset Creation: Wed May 16 09:09:34 2018 by Log Std Casedhole 10071

Gamma Ray Calibration Report

Serial Number:	061120GR	
Tool Model:	PROBE	
Performed:	Wed Apr 04 09:11:22 2018	
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:	Wed May 16 09:10:52 2018		
Depth:	0	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:	-0.0212061	0.0193359	V
Reading in Free Pipe:	1.53608	0.988916	V
Gain:	46.023	74.1775	
Offset:	1.22597	-1.43429	