PEAK WIRELINE SERVICES, INC.

DUAL SPACED CEMENT BOND LOG

Company MULL DRILLING COMPANY, INC.
Well NWAU #14
Field ARAPAHOE
County CHEYENNE
State COLORADO

Company	MULL DRILLING COMPANY, ONC.
Well	NWAU #14
Field	ARARPAHOE
County	CHEYENNE
State	COLORADO

Location
460' FSL & 460' FEL
SE SE
SEC 31 TWP 13S RGE 42W

Other Services

Permanent Datum	GROUND LEVEL	Elevation	4036
Log Measured From	KELLY BUSHING 10' AGL		
Drilling Measured From	KELY BUSHING		

Elevation
K.B. 4046
D.F. 4045
G.L. 4036

Date	9/25/2024		
Run Number	ONE		
Depth Driller	5375		
Depth Logger	5243		
Bottom Logged Interval	5239		
Top Log Interval	100		
Casing Size	5 1/2"		
Type Fluid	OIL & 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	TRACY AKERS		

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	12 1/4"	0	797				
TWO	7 /78"	797	5370				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8 5/8"	24#	0	797
Prot. String				
Production String	5 1/2"	15.5#	0	5426
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: nwau14.db
Dataset Pathname: pass2
Presentation Format: cbldig
Dataset Creation: Wed Sep 25 08:01:39 2024 by Log Std Casedhole 10071
Charted by: Depth in Feet scaled 1:240

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

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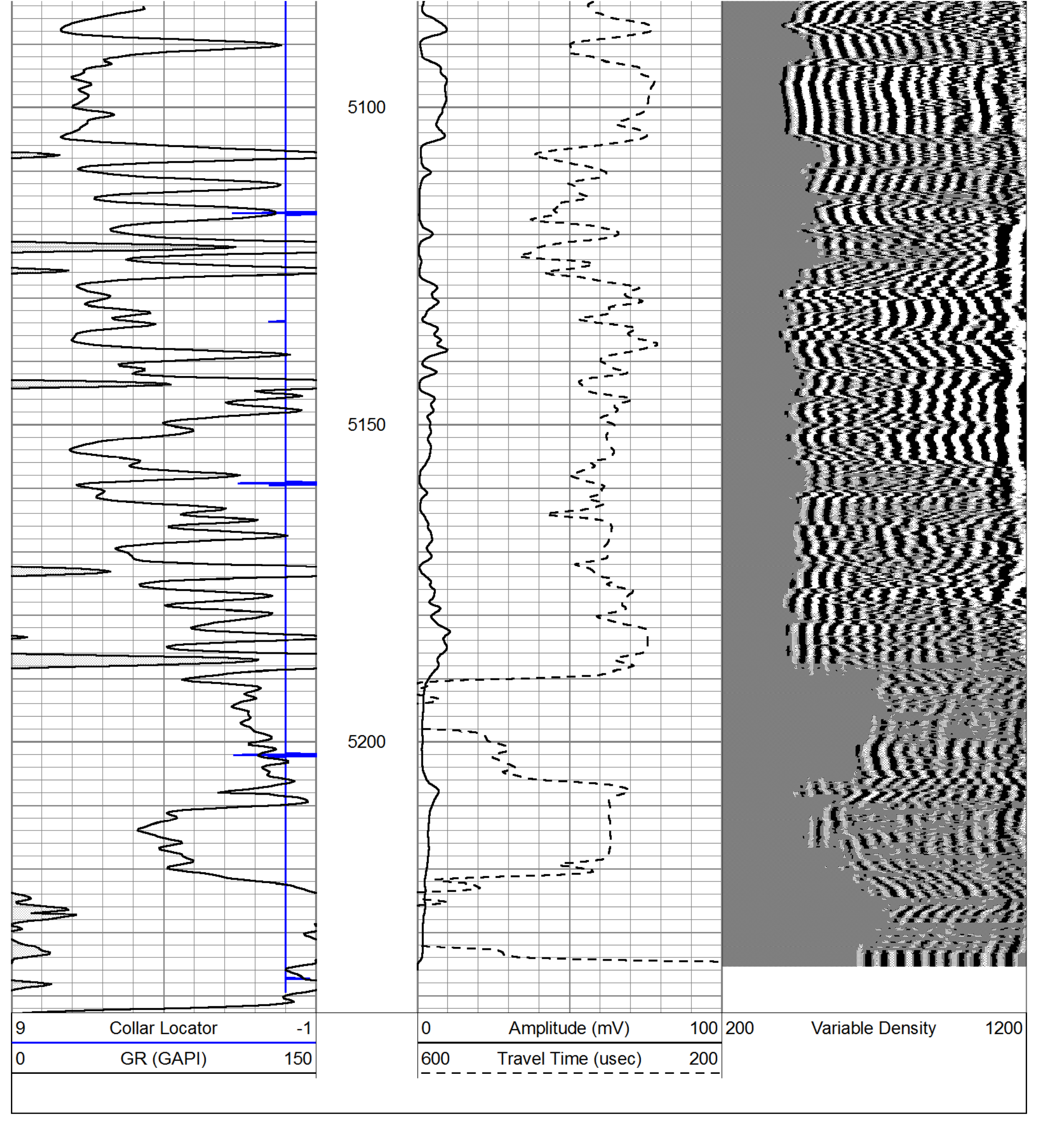
REPEAT SECTION

Database File:	nwau14.db
Dataset Pathname:	pass1
Presentation Format:	cbldig
Dataset Creation:	Wed Sep 25 07:56:06 2024 by Log Std Casedhole 10071
Charted by:	Depth in Feet scaled 1:240



Calibration Report

Database File:	nwau14.db
Dataset Pathname:	pass2
Dataset Creation:	Wed Sep 25 08:01:39 2024 by Log Std Casedhole 10071

Gamma Ray Calibration Report

Serial Number:	061120GR	
Tool Model:	PROBE	
Performed:	Wed Sep 25 07:57:10 2024	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.8000	GAPI/cps

Cement Bond Log Calibration Report

Serial Number:	5.5dig040201		
Tool Model:	Probe275Digital		
Performed:	Wed Sep 25 08:00:29 2024		
Depth:	10	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:	-0.012085	0.0133545	V
Reading in Free Pipe:	2.19468	2.12444	V
Gain:	32.4779	34.0683	
Offset:	0.642495	-0.454964	