PEAK WIRELINE SERVICES, INC.

DUAL SPACED CEMENT BOND LOG

Company	VECTA OIL & GAS, LTD
Well	SHAVANO 43-35
Field	WILDCAT
County	CHEYENNE
State	COLORADO

Company VECTA OIL & GAS, LTD

Well SHAVANO 43-35

Field WILDCAT

County CHEYENNE State COLORADO

Location SEC 35 TWP 13S RGE 46W
2023' FSL & 868' FEL NE SE

Other Services

Permanent Datum	GROUND LEVEL	Elevation	4427	Elevation
Log Measured From	KELLY BUSHJING 14' AGL			K.B. 4441
Drilling Measured From	KELLY BUSHING			D.F. 4440
				G.L. 4427

Date	2-10-2010	
Run Number	ONE	
Depth Driller	5760	
Depth Logger	5739	3240
Bottom Logged Interval	5735	3240
Top Log Interval	3950	550
Casing Size	5 1/2"	
Type Fluid	WATER	
Density / Viscosity		
Max. Recorded Temp.		
Estimated Cement Top	4160	
Time Well Ready		
Time Logger on Bottom		
Equipment Number	TR-4	
Location	CHEYENNE WELLS, CO	
Recorded By	HENDERSON	
Witnessed By	FRANK HOLUBEC	

Borehole Record			Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	12 1/4"	0	413				
TWO	7 7/8"	413	5760				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8 5/8"	24#	0	413
Prot. String				
Production String	5 1/2"	15.5#	0	5760
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: shavano.db
Dataset Pathname: 4335/run1/pass3
Presentation Format: cbl_dr
Dataset Creation: Wed Feb 10 09:20:21 2010 by Log Std Casedhole 07081
Charted by: Depth in Feet scaled 1:240

9 Collar Locator -1		0 AMP 3 (mV) 100	200 Variable Density 1200
0 Gamma Ray (GAPI) 150		800 TT3 (usec) 200	

9 Collar Locator -1		0 AMP 3 (mV) 100	200 Variable Density 1200
0 Gamma Ray (GAPI) 150		800 TT3 (usec) 200	

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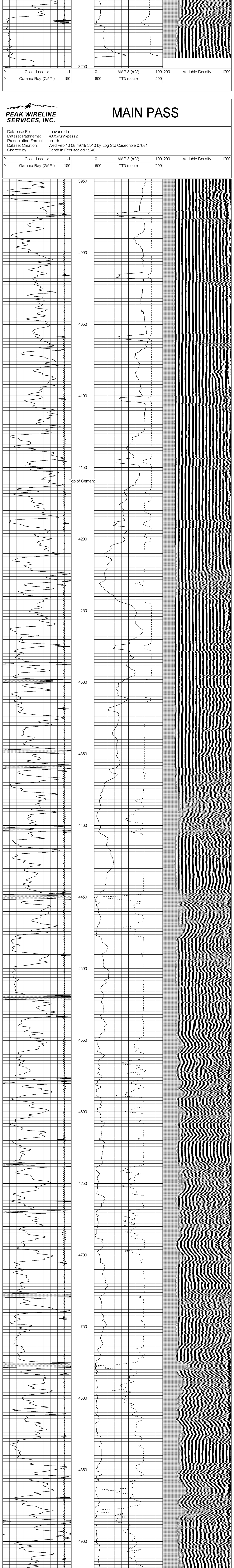
MAIN PASS

Database File: shavano.db
Dataset Pathname: 4335/run1/pass2
Presentation Format: cbl_dr
Dataset Creation: Wed Feb 10 08:49:19 2010 by Log Std Casedhole 07081
Charted by: Depth in Feet scaled 1:240

9 Collar Locator -1		0 AMP 3 (mV) 100	200 Variable Density 1200
0 Gamma Ray (GAPI) 150		600 TT3 (usec) 200	



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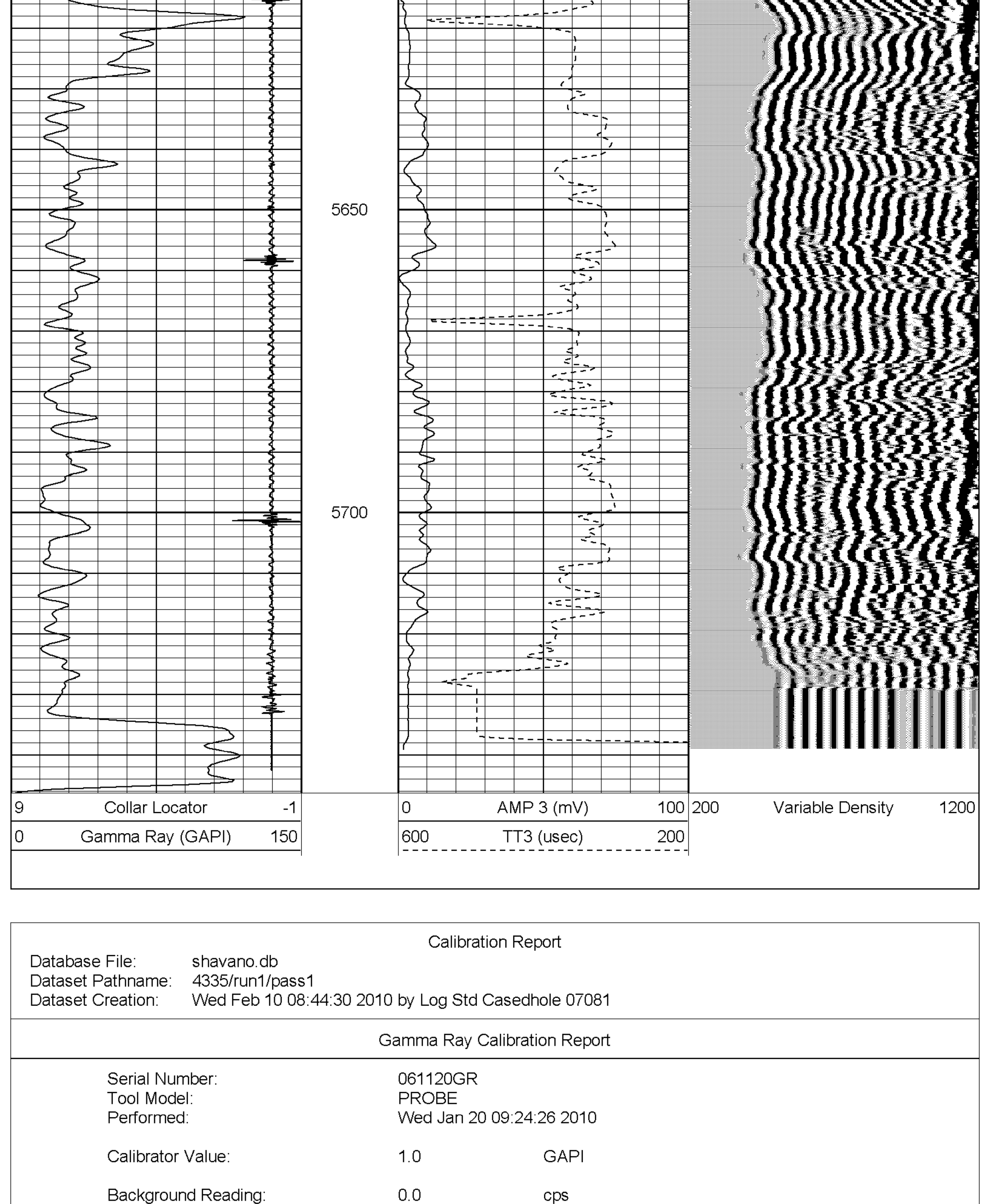
REPEAT SECTION

Database File: shavano.db
Dataset Pathname: 4335/run1/pass1
Presentation Format: cbl_dr
Dataset Creation: Wed Feb 10 08:44:30 2010 by Log Std Casedhole 07081
Charted by: Depth in Feet scaled 1:240



Calibration Report

Database File: shavano.db
Dataset Pathname: 4335/run1/pass1
Dataset Creation: Wed Feb 10 08:44:30 2010 by Log Std Casedhole 07081

Gamma Ray Calibration Report

Serial Number:	061120GR	
Tool Model:	PROBE	
Performed:	Wed Jan 20 09:24:26 2010	
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:	040601		
Tool Model:	probe		
Performed:	Wed Feb 10 08:40:24 2010		
Depth:	1504.58	ft	
Casing Diameter:	5.5	in	
	3' Spacing	5' Spacing	
Signal Zero:	0	0	mV
Calibrated Amplitude:	71.921	71.921	mV
Reading at Signal Zero:	-0.0332275	0.0296387	V
Reading in Free Pipe:	1.20515	1.21853	V
Gain:	58.0768	60.4942	
Offset:	1.92975	-1.79297	