ROCKY MOUNTAIN WIRELINE SERVICE

CEMENT BOND LOG
GAMMA RAY/CCL
TEMPERATURE

Company BILL BARRETT CORPORATION
Well GGU MILLER 33A - 31 - 691
Field GIBSON GULCH
County GARFIELD State COLORADO
Location: API # : 05-045-18234
SHL: 565' FSL & 2370' FEL
BHL: 1485' FSL & 1998' FEL
SEC 31 TWP 6S RGE 91W

Other Services
3.75" GAUGE RING

Permanent Datum	G.L.	Elevation	6231'	Elevation
Log Measured From	K.B.	Ft Above PD	23'	K.B. 6254' D.F. 6253' G.L. 6231'
Drilling Measured From	K.B.			

Date	11 - 13 - 2009	
Run Number	ONE	
Depth Driller	7371'	
Present Depth Driller	7371'	
Depth Logger	7236'	
Bottom Logged Interval	7235'	
Top Log Interval	2300'	
Fluid Level	SURFACE	
Type Fluid	WATER	
Max. Recorded Temp.	201 DegF	
Estimated Cement Top	2600'	
Equipment Number	205	
Location	GRAND JCT.	
Recorded By	SPENCER	INGRAM
Witnessed By	MR. ETTER	

	Borehole Record			Casing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	8.750"	802'	5975'	9.625"	36#	SURFACE	802'
TWO	7.880"	5975'	7371'	4.5"	11.6#	SURFACE	7350'

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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.

WARRIOR 7.0 SOFTWARE - Comments

NOTE: LOG DEPTH CORRELATED TO WEATHERFORD TEMP LOG DATED 10-20-09
SHORT JOINTS : 5272' TO 5293' & 7073' TO 7093'

Calibration Report

Database File: 111309_billbarrett_ggumiller_33a_31.db
Dataset Pathname: dcbl/pass2
Dataset Creation: Fri Nov 13 16:00:53 2009 by Log Std Casedhole 07122

Gamma Ray Calibration Report

Serial Number:	TEKO234_359	
Tool Model:	TEKCO234	
Performed:	Sun Jun 13 13:33:21 1993	
Calibrator Value:	1.0	
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	1.0000	/cps

CBL Calibration Report

Serial Number:	TEKCO_8044		
Tool Model:	TEKCO		
Performed:	Fri Nov 13 10:29:44 2009		
Depth:	2326.579 ft		
Casing Diameter:	4.500 in		
	3' Spacing	5' Spacing	
Signal Zero:	0.000	0.000	mV
Calibrated Amplitude:	81.196	81.196	mV
Reading at Signal Zero:	0.000	0.000	V
Reading in Free Pipe:	0.315	0.764	V
Gain:	257.634	106.301	
Offset:	0.000	0.000	

ROCKY MOUNTAIN WIRELINE SERVICE

MAIN PASS 5" = 100'

Database File: 111309_billbarrett_ggumiller_33a_31.db
Dataset Pathname: dcbl/pass2
Presentation Format: scbl_169
Dataset Creation: Fri Nov 13 16:00:53 2009 by Log Std Casedhole 07122
Charted by: Depth in Feet scaled 1:240

-27 CCL 3	LTEN	0 AMPx5 (mV) 20	200 VDL 1200
0 GR 150	0 (lb) 2000	0 AMP (mV) 100	
		380 TT (usec) 180	

ROCKY MOUNTAIN WIRELINE SERVICE

MAIN PASS 5" = 100'

ROCKY MOUNTAIN WIRELINE SERVICE

MAIN PASS 2.4" = 100'

Database File:	111309_billbarrett_ggumiller_33a_31.db
Dataset Pathname:	temp/pass1
Presentation Format:	rmws_temp
Dataset Creation:	Fri Nov 13 14:10:22 2009 by Log Std Casedhole 07122
Charted by:	Depth in Feet scaled 1:500

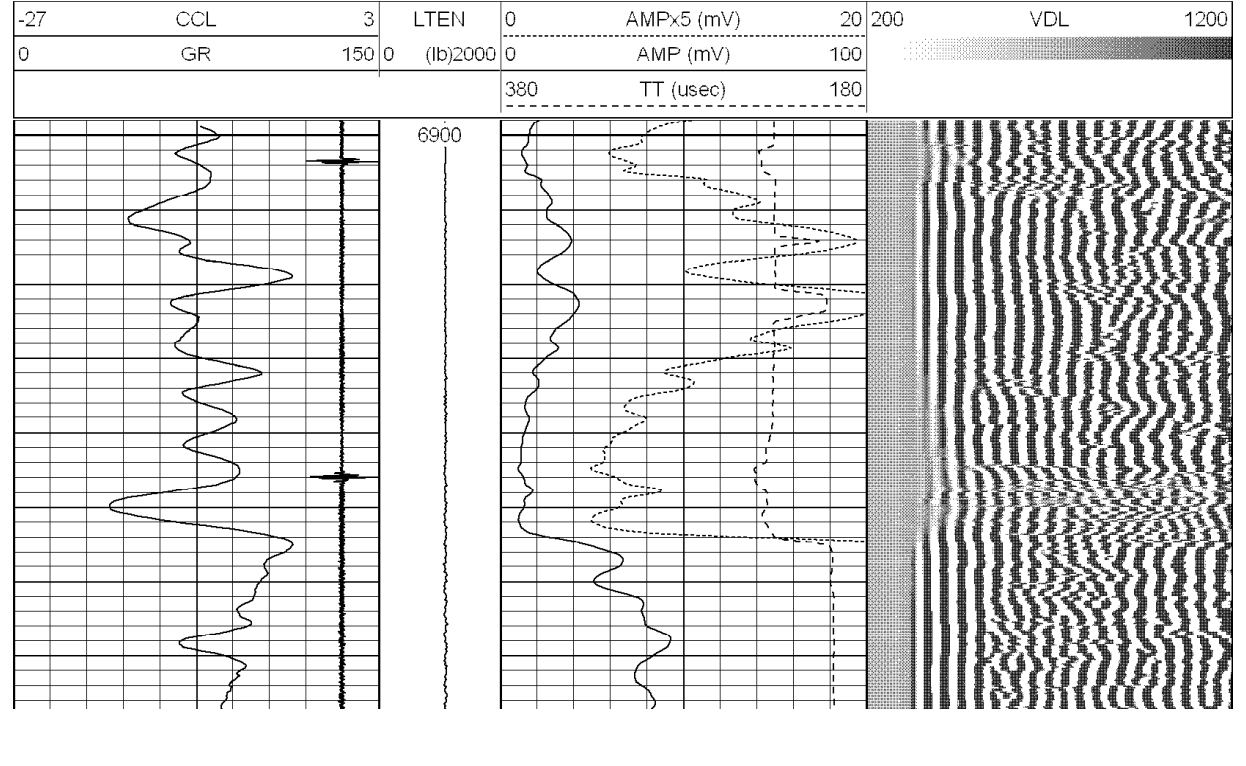
ROCKY MOUNTAIN WIRELINE SERVICE

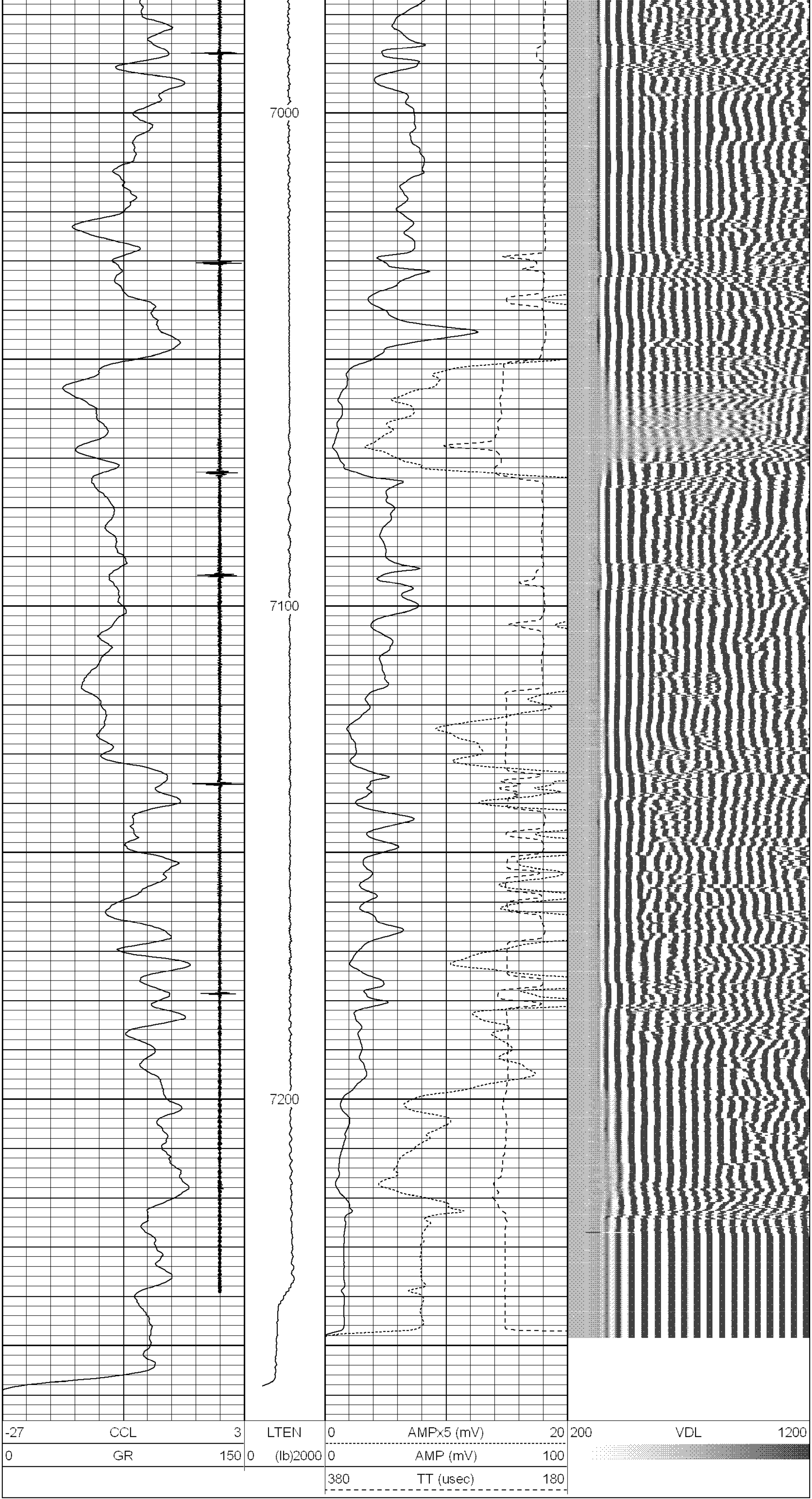
MAIN PASS 2.4" = 100'

ROCKY MOUNTAIN WIRELINE SERVICE

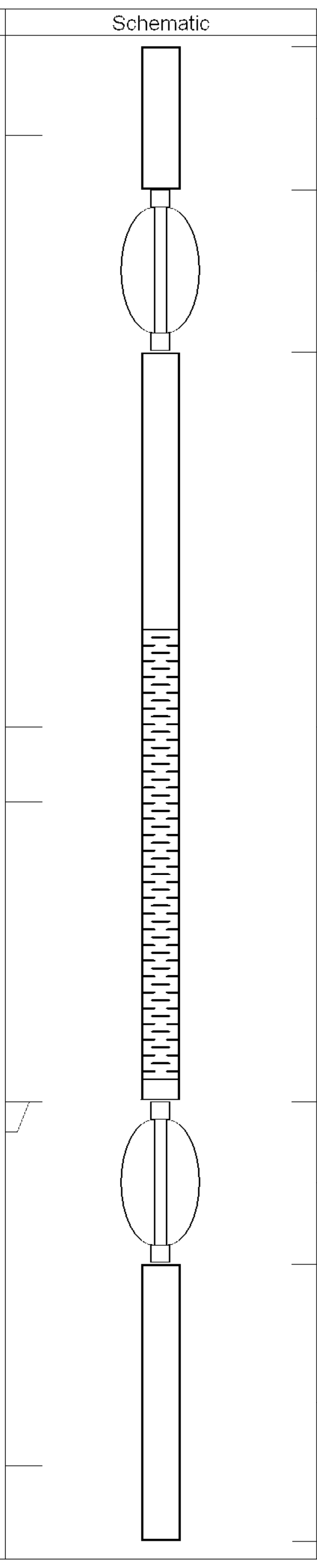
REPEAT PASS 5" = 100'

Database File:	111309_billbarrett_ggumiller_33a_31.db
Dataset Pathname:	dcbl/pass1
Presentation Format:	scbl_169
Dataset Creation:	Fri Nov 13 15:50:55 2009 by Log Std Casedhole 07122
Charted by:	Depth in Feet scaled 1:240





REPEAT PASS 5" = 100'

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
CCL	18.75		CCL-TITAN275 (TITAN275_102) Titan 2 3/4" CCL	1.92	2.75	10.00
			TITAN169 Titan 1 11/16" Centralizer	2.17	1.69	5.00
WVF3FT WVF5FT	10.85 9.85		CBLTEKCO-TEKCO (TEKCO_8044) DEMO TOOL - DEMINSIONS INVALID	10.00	3.25	50.00
WVFCAL WVFSYNC	5.85 5.85		TITAN169 Titan 1 11/16" Centralizer	2.17	1.69	5.00
GR	1.00		GR-TEKCO234 (TEKO234_359) Tekco 2 3/4" Gamma Ray	3.69	2.75	20.00

Dataset: 111309_billbarrett_ggumiller_33a_31.db: field/well/dcbl/pass2
Total Length: 19.94 ft
Total Weight: 90.00 lb
O.D. 3.25 in