RMWS
ROCKY MOUNTAIN WIRELINE SERVICE

CEMENT BOND LOG
GAMMA RAY / CCL
TEMPERATURE

Company BILL BARRETT CORPORATION
Well KAUFMAN 32B-25-692
Field MAMM CREEK
County GARFIELD State COLORADO
Location: API # : 05-045-18639
SHL: 2216' FSL & 1862' FWL
BHL: 2134' FNL & 1980' FEL
SEC 25 TWP 6S RGE 92W
Other Services
3.75" GAUGE RING

Permanent Datum G.L. Elevation 5914'
Log Measured From K.B. 23' Ft Above PD
Drilling Measured From K.B.
Elevation
K.B. 5936'
D.F. 5935'
G.L. 5914'

Date	03-01-2010	REVISED	03-07-10
Run Number	ONE		
Depth Driller	7815'		
Present Depth Driller	7815'		
Depth Logger	7727'		
Bottom Logged Interval	7726'		
Top Log Interval	1550'		
Fluid Level	SURFACE		
Type Fluid	WATER		
Max. Recorded Temp.	206 DegF		
Estimated Cement Top	4156'		
Equipment Number	220		
Location	GRAND JCT.		
Recorded By	RAFF	INGRAM	COVINGTON
Witnessed By	MR. ETTER		

Run Number	Borehole Record Bit	From	To	Casing Record Size	Weight	From	To
ONE	8.750"	843'	5748'	9.625"	36#	SURFACE	843'
TWO	7.875"	5748'	7815'	4.5"	11.6#	SURFACE	7815'

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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: THIS LOG WAS DEPTH CORRELATED TO THE WEATHERFORD OPEN HOLE LOG DATED 02/02/2010
SHORT JOINT 5614' TO 5635' & 7385' TO 7406'
MAIN PASS SCALE 5" = 100'
TEMP PASS SCALE 2" = 100'
CSG PSI = STATIC

Calibration Report
Database File: F:\=[COMPLETED_LOG_DBS]=\[BILL BARRET CORP]\CBL\KAUFMAN\KAUFMAN 32B-25\030110_barrett
Dataset Pathname: dcbl/pass3
Dataset Creation: Mon Mar 01 13:21:38 2010 by Calc Std Casedhole 07122

Gamma Ray Calibration Report

Serial Number:	TEKCO234_315	
Tool Model:	TEKCO234	
Performed:	Thu Apr 24 14:57:35 2008	
Calibrator Value:	1.0	
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.9000	/cps

CBL Calibration Report

Serial Number:	TEKCO_8044		
Tool Model:	TEKCO		
Performed:	Mon Mar 01 13:21:30 2010		
Depth:	841.700	ft	
Casing Diameter:	4.500	in	
	3' Spacing	5' Spacing	
Signal Zero:	1.000	1.000	mV
Calibrated Amplitude:	81.196	81.196	mV
Reading at Signal Zero:	0.000	0.000	V
Reading in Free Pipe:	1.071	1.389	V
Gain:	74.871	57.744	
Offset:	1.000	1.000	

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MAIN PASS

Database File: f:\=[completed_log_dbs]=\[bill barret corp]\cbl\kaufman\kaufman 32b-25\030110_barrett_kaufman_32b-25.db
Dataset Pathname: dcbl/pass3.1
Presentation Format: rmws_dsc
Dataset Creation: Sun Mar 07 13:52:41 2010
Charted by: Depth in Feet scaled 1:240

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MAIN PASS

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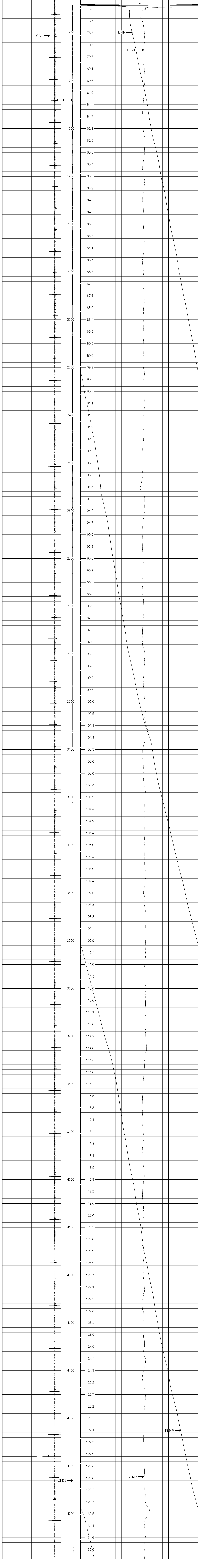
TEMP PASS

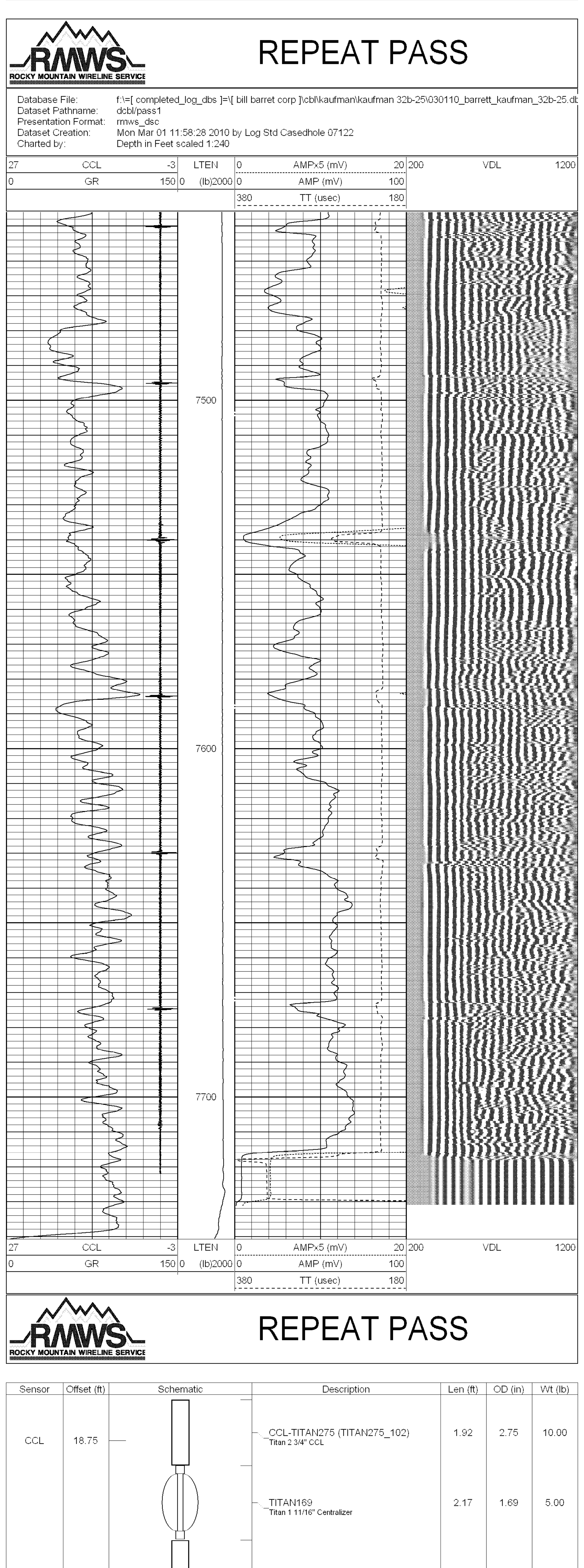
Database File:	f:\=[completed_log_dbs]=\[bill barret corp]\cbl\kaufman\kaufman 32b-25\030110_barrett_kaufman_32b-25.db
Dataset Pathname:	temp/pass2
Presentation Format:	rmws_tem
Dataset Creation:	Sun Mar 07 14:18:54 2010
Charted by:	Depth in Feet scaled 1:600



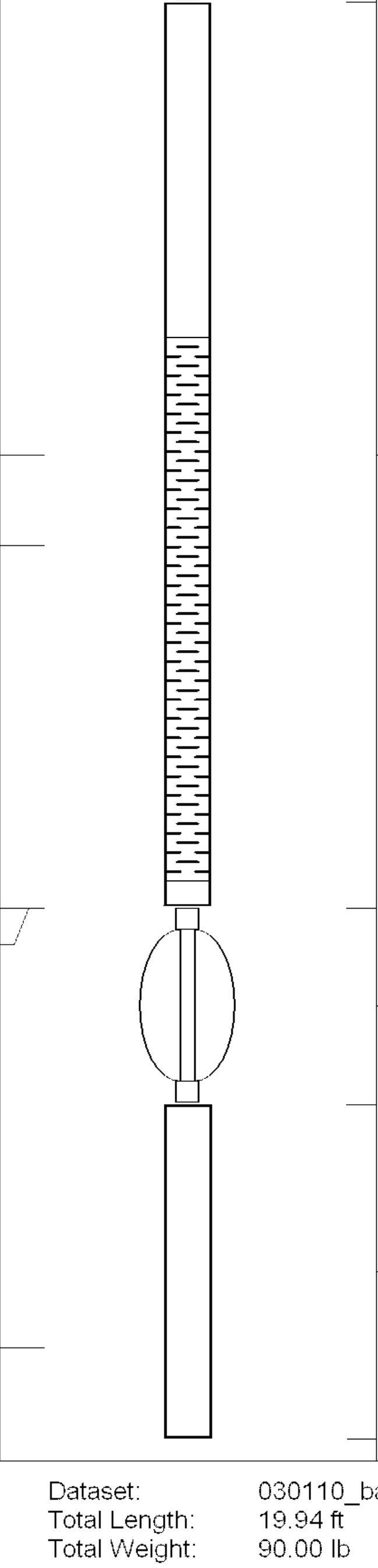
TEMP PASS

REPEAT PASS

Database File: f:\=[completed_log_dbs]=\[bill barret corp]\cbl\kaufman\kaufman 32b-25\030110_barrett_kaufman_32b-25.db
Dataset Pathname: dcbl/pass1
Presentation Format: rmws_dsc
Dataset Creation: Mon Mar 01 11:58:28 2010 by Log Std Casedhole 07122
Charted by: Depth in Feet scaled 1:240



REPEAT PASS

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	10.85		CBLTEKCO-TEKCO (TEKCO_8044) DEMO TOOL - DEMINSIONS INVALID	10.00	3.25	50.00
WVF5FT	9.85					
WVFCAL	5.85					
WVFSYNC	5.85					
			TITAN169 Titan 1 11/16" Centralizer	2.17	1.69	5.00
			GR-TEKCO234 (TEKCO234_315) Tekco 2 3/4" Gamma Ray	3.69	2.75	20.00
GR	1.00					

Dataset: 030110_barrett_kaufman_32B-25.db: field/well/dcbl/pass3
Total Length: 19.94 ft
Total Weight: 90.00 lb
O.D. 3.25 in