RMWS
ROCKY MOUNTAIN WIRELINE SERVICE

CEMENT BOND LOG
GAMMA RAY / CCL
TEMPERATURE

Company	BILL BARRETT CORPORATION		
Well	KAUFMAN 23D-25-692		
Field	MAMM CREEK		
County	GARFIELD	State	COLORADO
Location:	API # : 05-045-18641 SHL: 2217' FSL & 1846' FWL BHL: 2451' FSL & 1982' FWL		Other Services 3.75" GAUGE RING
SEC 25	TWP 6S	RGE 92W	
Permanent Datum	G.L.	Elevation 5914'	Elevation K.B. 5936' D.F. 5935' G.L. 5914'
Log Measured From	K.B.	Ft Above PD 22'	
Drilling Measured From	K.B.		

Date	03-01-2010		
Run Number	ONE		
Depth Driller	7420'		
Present Depth Driller	7420'		
Depth Logger	7286'		
Bottom Logged Interval	7285'		
Top Log Interval	3800'		
Fluid Level	SURFACE		
Type Fluid	WATER		
Max. Recorded Temp.	204 DegF		
Estimated Cement Top	4411'		
Equipment Number	220		
Location	GRAND JCT.		
Recorded By	RAFF	INGRAM	COVINGTON
Witnessed By	MR. ETTER		

Borehole Record				Casing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	8.750"	794'	4850'	9.625"	36#	SURFACE	794'
TWO	7.875"	4850'	7420'	4.5"	11.6#	SURFACE	7420'

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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 02/08/2010
SHORT JOINT 5206' TO 5227' & 6986' TO 7008'
MAIN PASS SCALE 5" = 100'
TEMP PASS SCALE 2" = 100'
CSG PSI = STATIC

Calibration Report

Database File:	030110_barrett_kaufman_23d-25.db
Dataset Pathname:	temp/pass4
Dataset Creation:	Mon Mar 01 16:12:19 2010 by Calc Std Casedhole 08121

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 16:12:17 2010		
Depth:	3126.475	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:	0.983	1.307	V
Gain:	81.563	61.367	
Offset:	1.000	1.000	

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MAIN PASS

Database File:	030110_barrett_kaufman_23d-25.db
Dataset Pathname:	temp/pass4
Presentation Format:	rmws_dsc
Dataset Creation:	Mon Mar 01 16:12:19 2010 by Calc Std Casedhole 08121
Charted by:	Depth in Feet scaled 1:240

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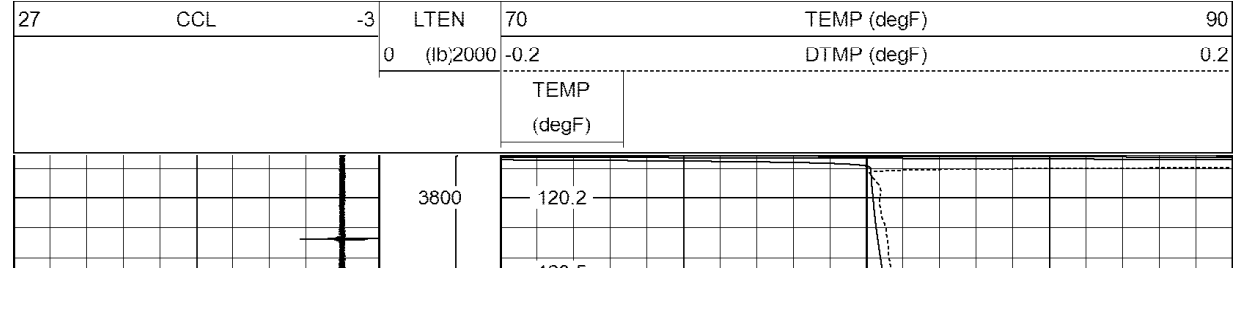
MAIN PASS

RMWS
ROCKY MOUNTAIN WIRELINE SERVICE

TEMP PASS

Database File:	030110_barrett_kaufman_23d-25.db
Dataset Pathname:	temp/pass1
Presentation Format:	rmws_tem
Dataset Creation:	Mon Mar 01 07:22:37 2010 by Log Std Casedhole 07122
Charted by:	Depth in Feet scaled 1:600



ROCKY MOUNTAIN WIRELINE SERVICE

TEMP PASS

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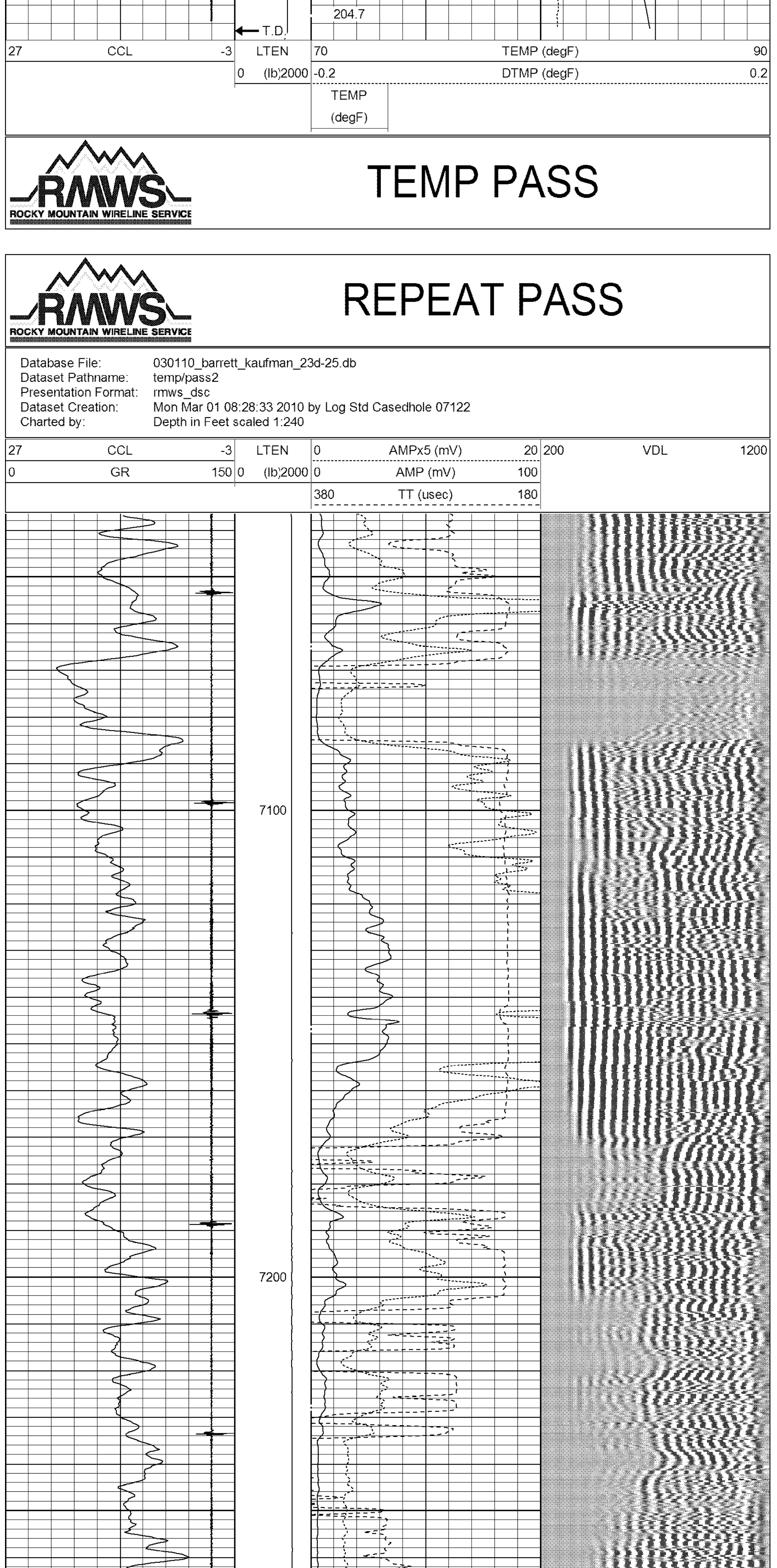
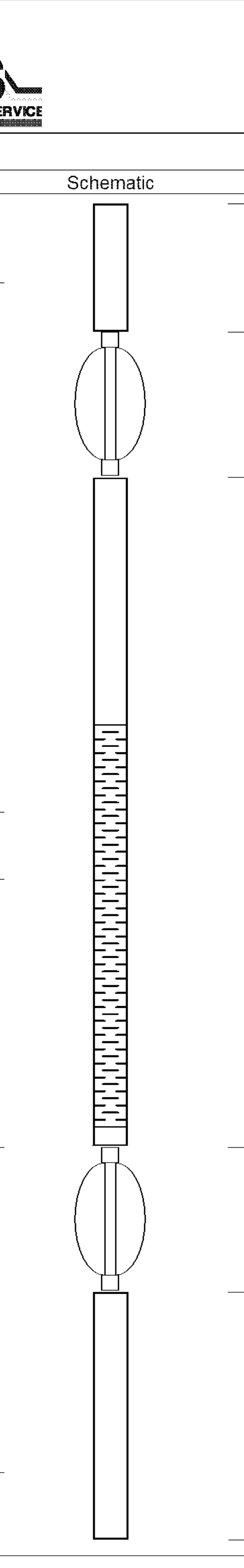
REPEAT PASS

Database File:	030110_barrett_kaufman_23d-25.db
Dataset Pathname:	temp/pass2
Presentation Format:	rmws_dsc
Dataset Creation:	Mon Mar 01 08:28:33 2010 by Log Std Casedhole 07122
Charted by:	Depth in Feet scaled 1:240



ROCKY MOUNTAIN WIRELINE SERVICE

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 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 (TEKCO234_315) Tekco 2 3/4" Gamma Ray	3.69	2.75	20.00

Dataset:	030110_barrett_kaufman_23d-25.db: field/well/temp/pass4
Total Length:	19.94 ft
Total Weight:	90.00 lb
O.D.:	3.25 in