ROCKY MOUNTAIN WIRELINE SERVICE

CEMENT BOND LOG
GAMMA RAY / CCL
TEMPERATURE

Company	BILL BARRETT CORPORATION		
Well	GGU MILLER 24C - 32 - 691		
Field	GIBSON GULCH		
County	GARFIELD	State	COLORADO
Location:	API # : 05 - 045 - 19429 SHL: 1210' FSL & 2284' FWL BHL: 0857' FSL & 1990' FWL	Other Services	3.75" GAUGE RING
SEC 32 TWP 6S RGE 91W			
Permanent Datum	G.L.	Elevation 6121.3'	Elevation K.B. 6144.3' D.F. 6143.3' G.L. 6121.3
Log Measured From	K.B.	Ft Above PD 23'	
Drilling Measured From	K.B.		

Date	01 - 05 - 2011		
Run Number	ONE		
Depth Driller	7162'		
Present Depth Driller	NA		
Depth Logger	7062'		
Bottom Logged Interval	7061'		
Top Log Interval	1300'		
Fluid Level	SURFACE		
Type Fluid	WATER		
Max. Recorded Temp.	205.2° F		
Estimated Cement Top	2016'		
Equipment Number	208		
Location	GRAND JCT.		
Recorded By	INGRAM		
Witnessed By	MR. BEAUXIS		

	Borehole Record			Casing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	8.750"	789'	5109'	9.625"	36#	SURFACE	789'
TWO	7.880"	5109'	7162'	4.5"	11.6#	SURFACE	7162'

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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 WAS DEPTH CORRELATED USING WEATHERFORD OPEN HOLE LOG DATED 11-5-10
SHORT JOINTS: 4218' TO 4239' & 5796' TO 5817'
MAIN PASS: 5" = 100'
TEMP PASS: 2" = 100'
CSG PSI = STATIC

Calibration Report

Database File: C:\Warrior\Data\GGU MILLER PAD\010511_barrett_ggu_miller_24c_32.db
Dataset Pathname: main/pass2.2
Dataset Creation: Wed Jan 05 17:27:01 2011

Gamma Ray Calibration Report

Serial Number:	TEKCO234_352	
Tool Model:	TEKCO234	
Performed:	Sat Oct 16 12:26:26 2010	
Calibrator Value:	1.0	
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	1.0000	/cps

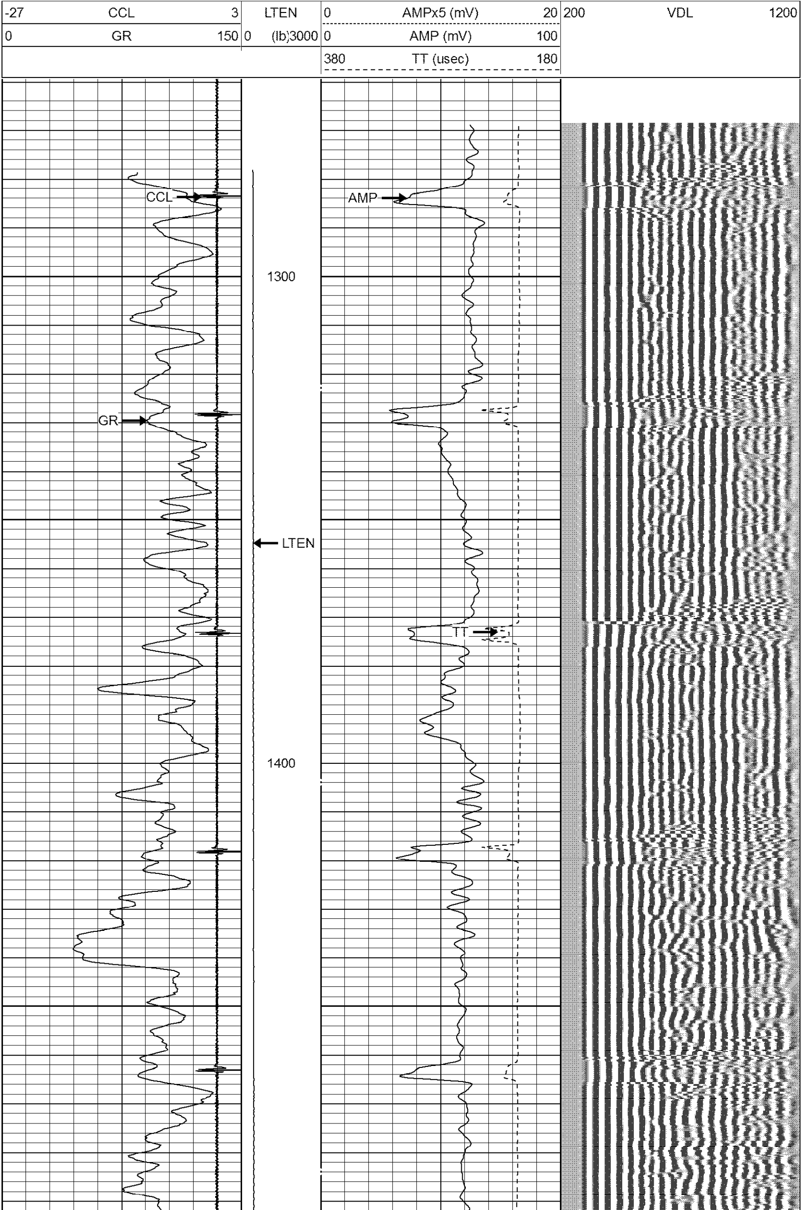
CBL Calibration Report

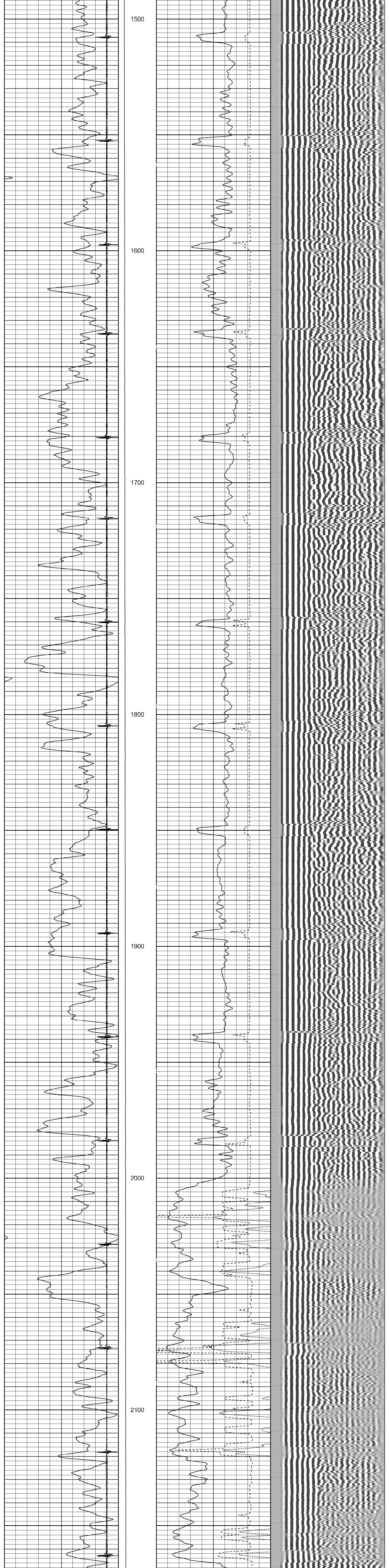
Serial Number:	TEKCO_8043		
Tool Model:	TEKCO		
Performed:	Wed Jan 05 16:58:39 2011		
Depth:	1077.033	ft	
Casing Diameter:	4.500	in	
	3' Spacing	5' Spacing	
Signal Zero:	1.000	1.000	mV
Calibrated Amplitude:	81.196	81.196	mV
Reading at Signal Zero:	0.000	0.000	V
Reading in Free Pipe:	1.383	1.512	V
Gain:	57.994	53.039	
Offset:	0.999	1.000	

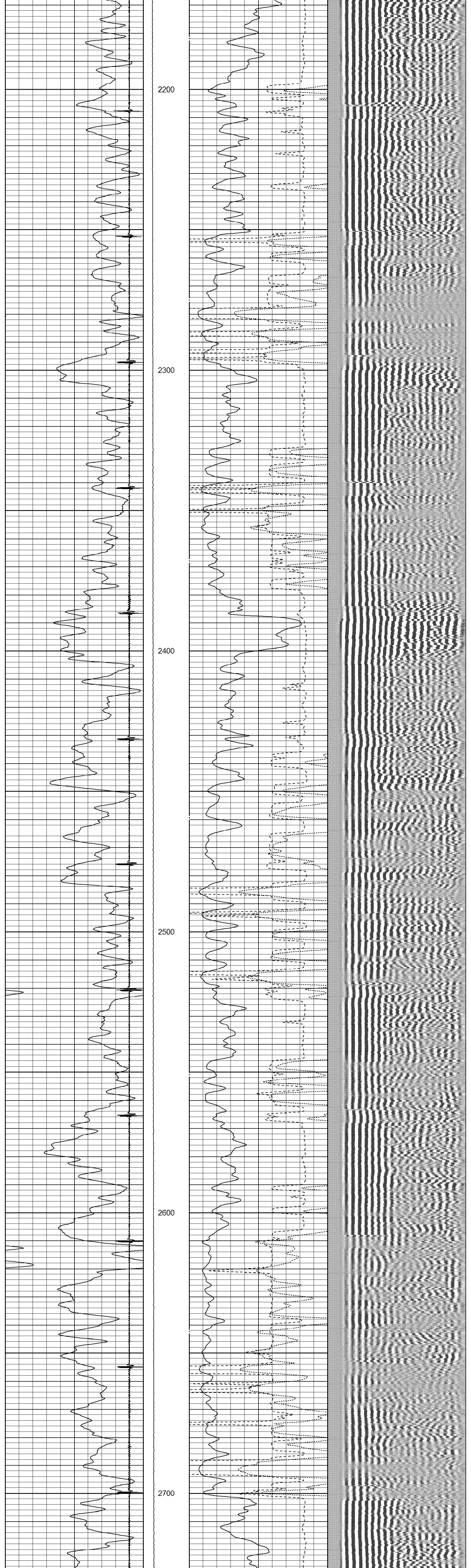
ROCKY MOUNTAIN WIRELINE SERVICE

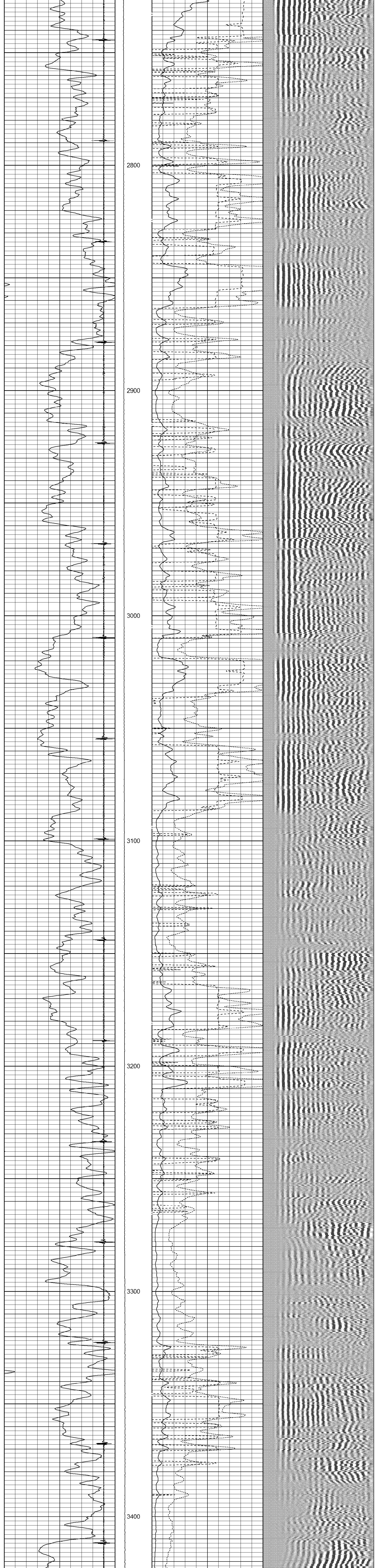
MAIN PASS

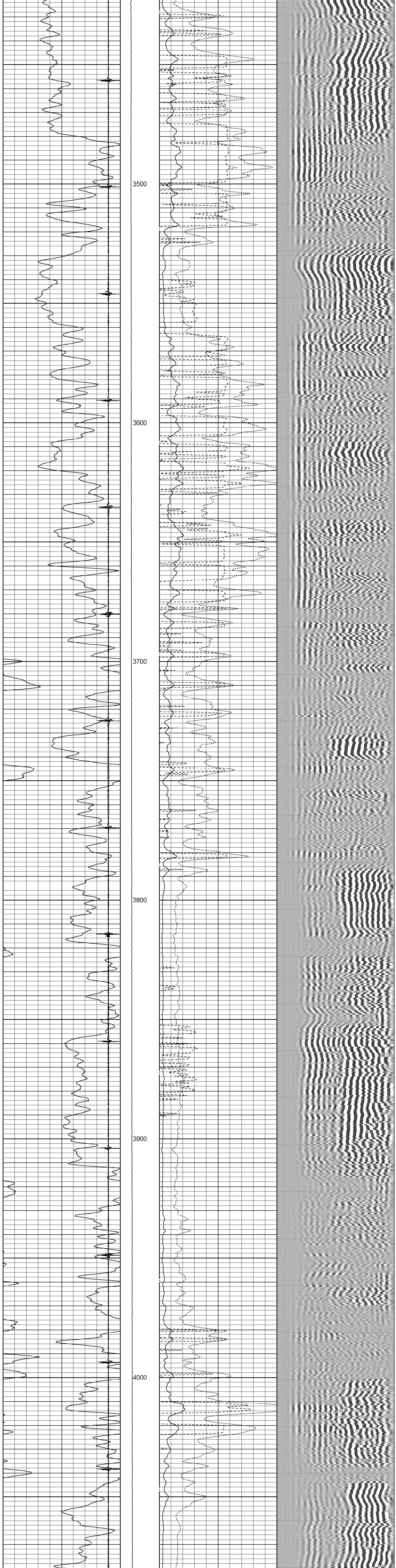
Database File: c:\warrior\data\ggu miller pad\010511_barrett_ggu_miller_24c_32.db
Dataset Pathname: main/pass2.2
Presentation Format: rmws_dsc
Dataset Creation: Wed Jan 05 17:27:01 2011
Charted by: Depth in Feet scaled 1:240

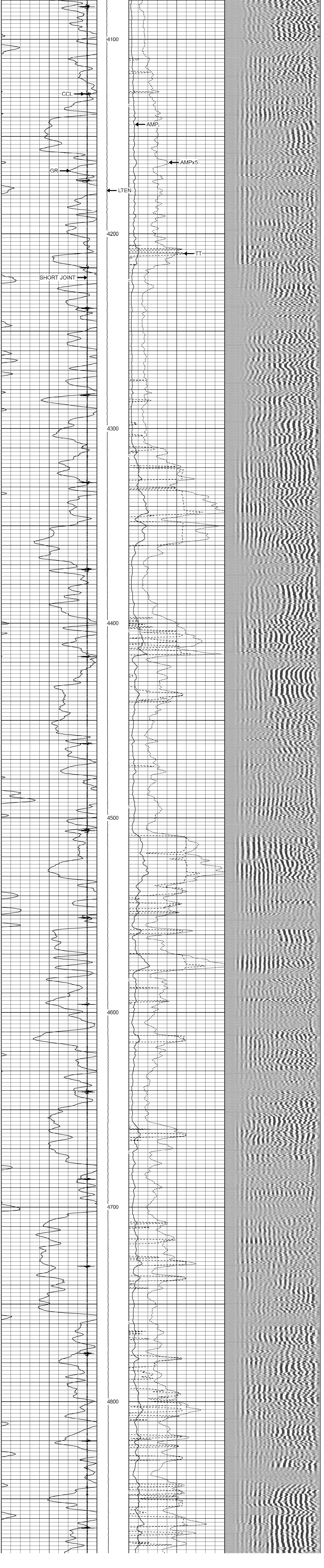


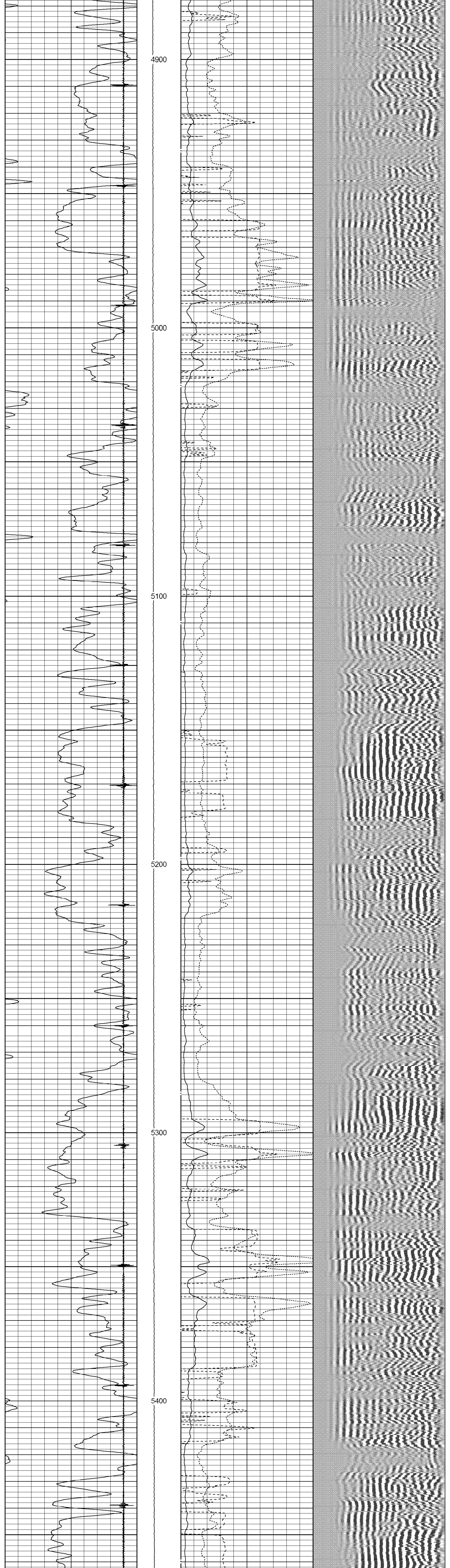


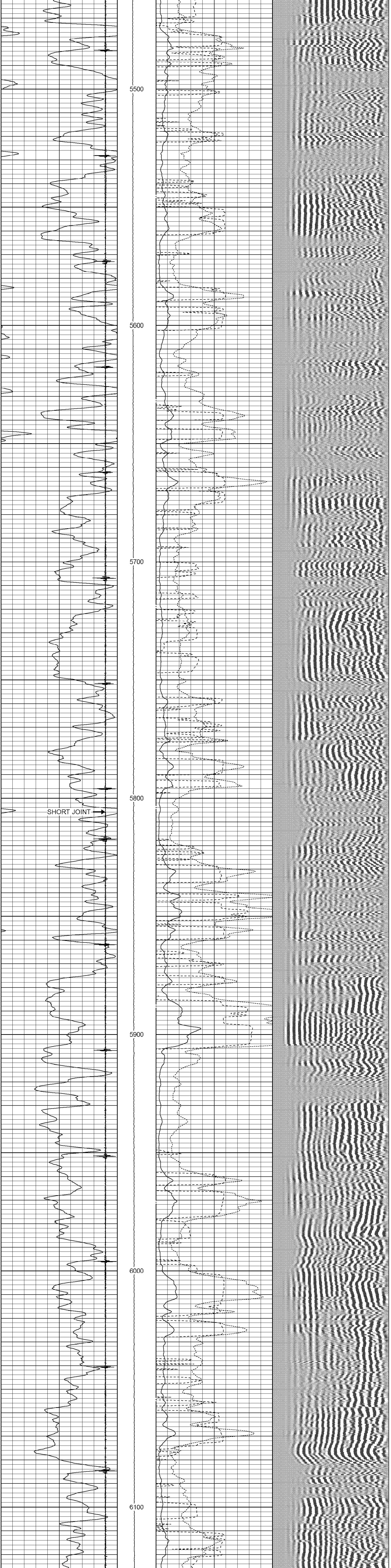


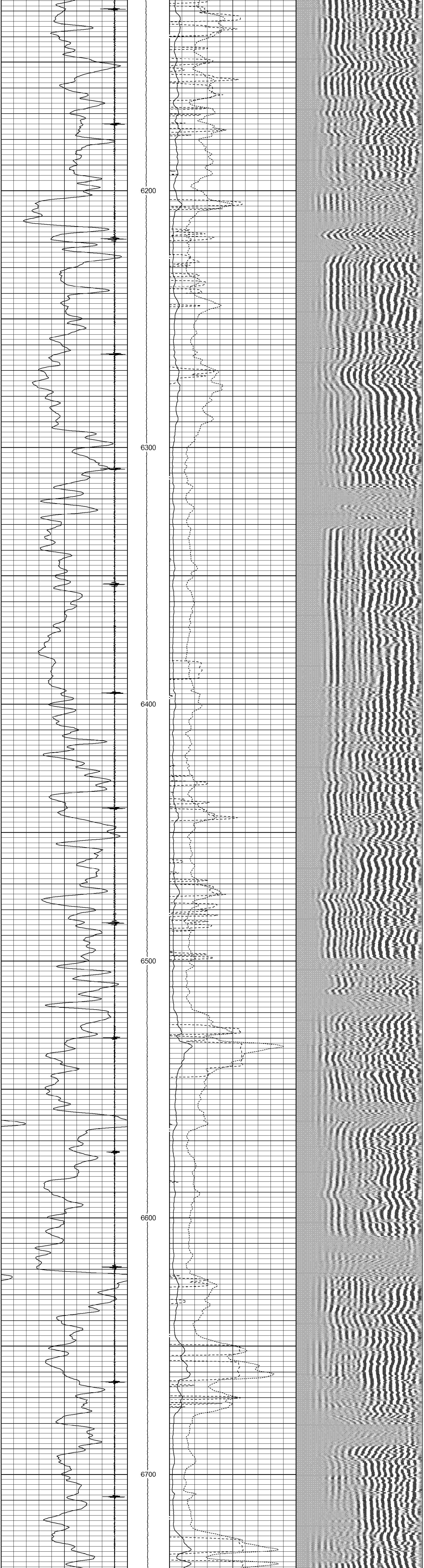


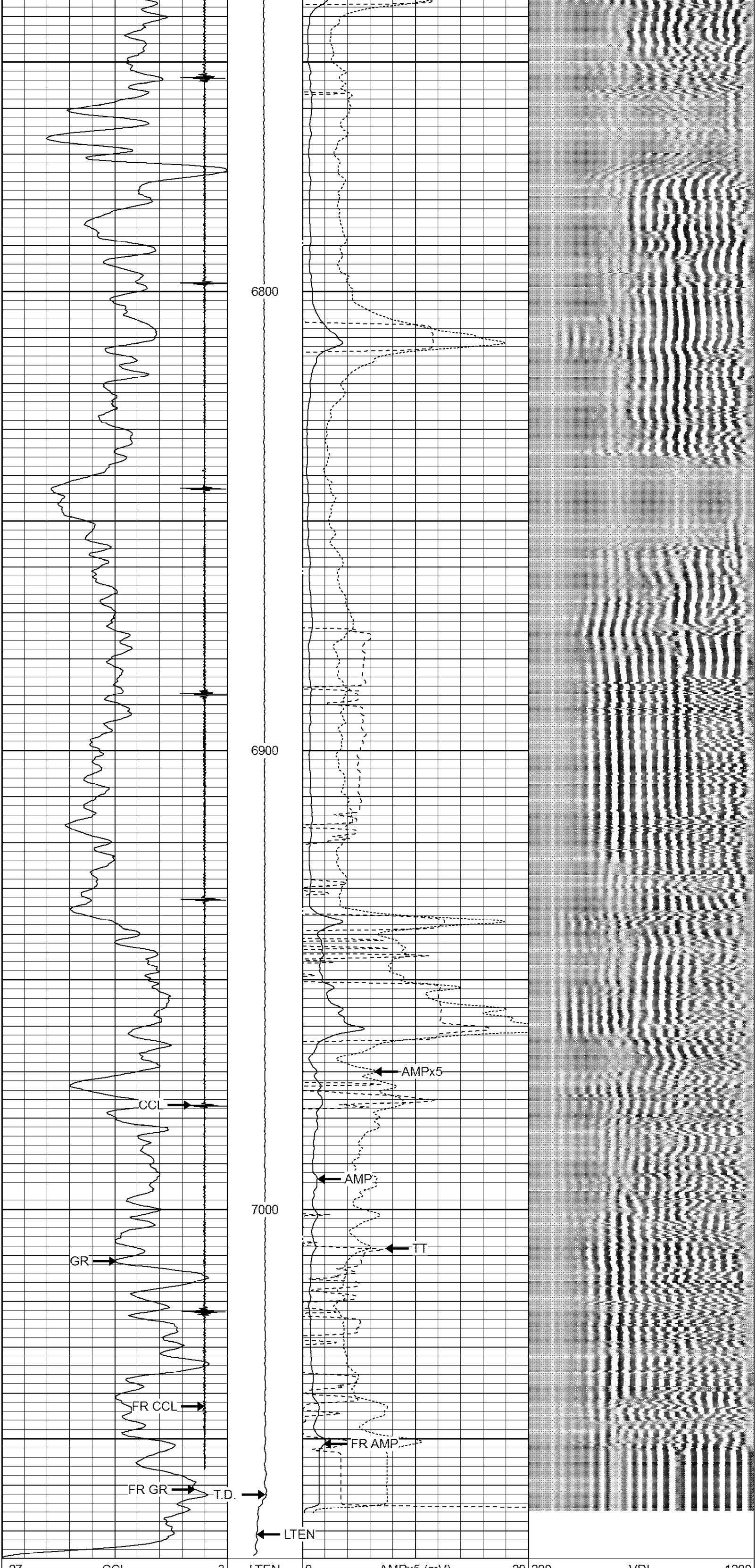












-27	CCL	3	LTEN	0	AMPx5 (mV)	20	200	VDL	1200
0	GR	150	0 (lb)3000	0	AMP (mV)	100			
				380	TT (usec)	180			

RMWS
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MAIN PASS

RMWS
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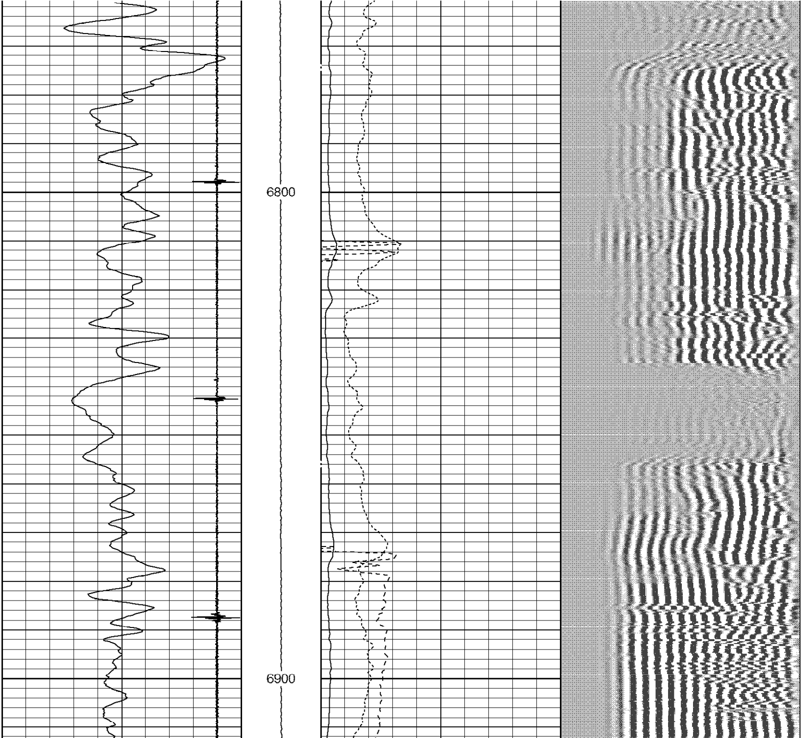
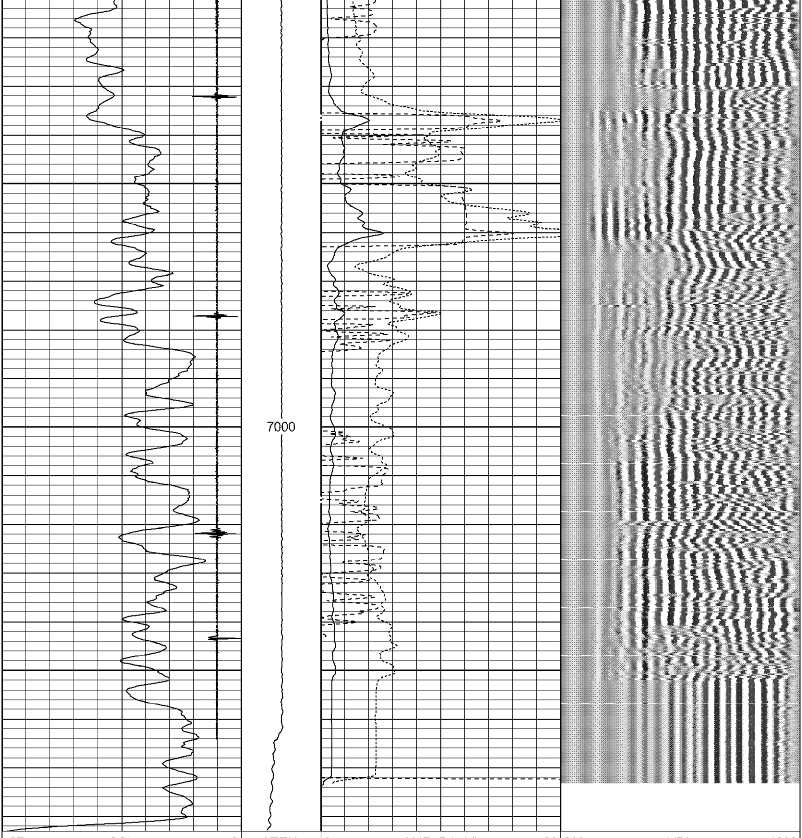
REPEAT PASS

Database File: c:\warrior\data\ggu miller pad\010511_barrett_ggu_miller_24c_32.db
Dataset Pathname: main/pass1.1
Presentation Format: rmws_dsc
Dataset Creation: Wed Jan 05 17:03:57 2011 by Calc Std Casedhole 08121
Charted by: Depth in Feet scaled 1:240

-27	CCL	3	LTEN	0	AMPx5 (mV)	20	200	VDL	1200
0	GR	150	0 (lb)3000	0	AMP (mV)	100			
				380	TT (usec)	180			





-27	CCL	3		LTEN	0	AMPx5 (mV)	20	200	VDL	1200
0	GR	150	0	(lb)	3000	0	AMP (mV)	100			
						380	TT (usec)	180			

RMWS
ROCKY MOUNTAIN WIRELINE SERVICE

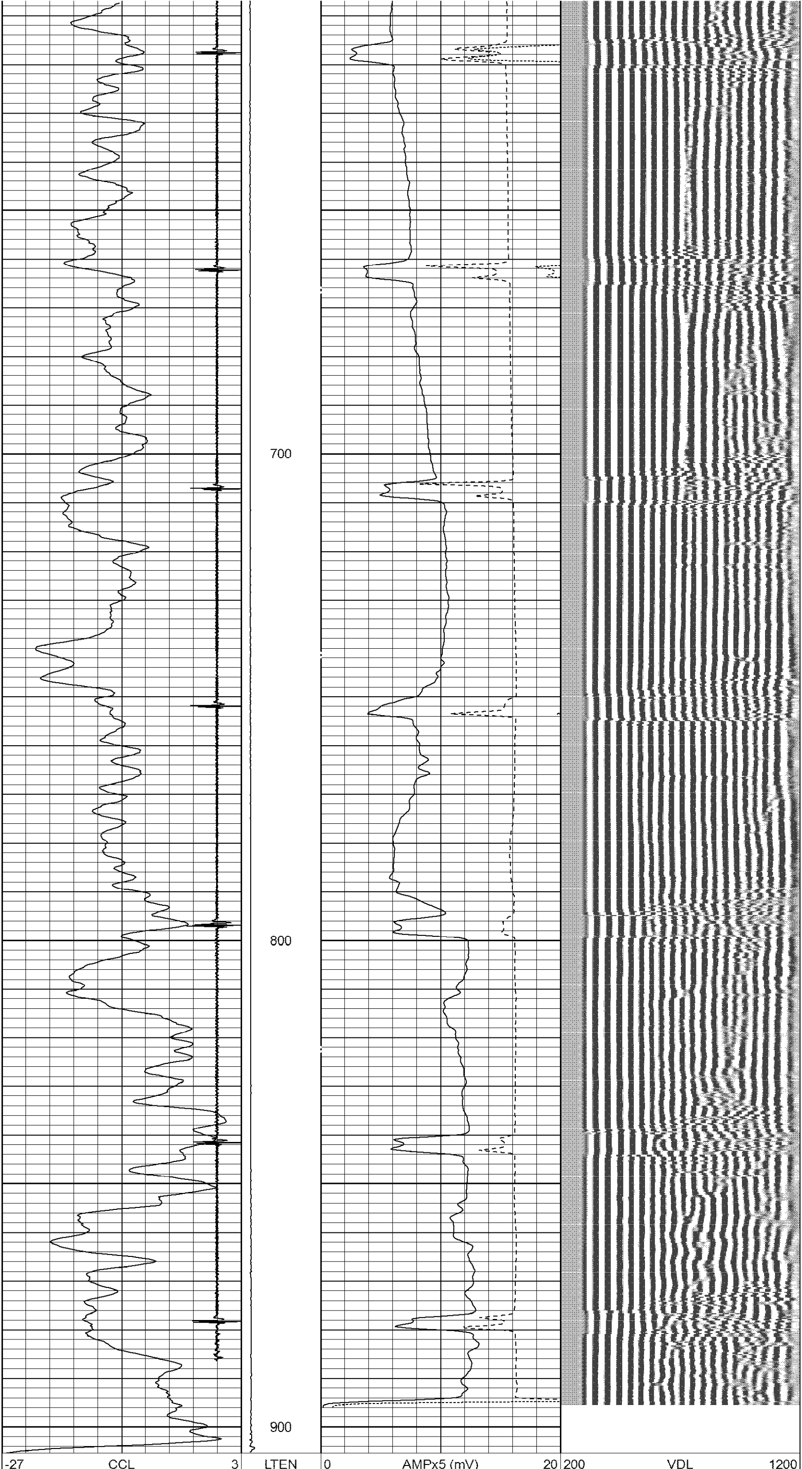
REPEAT PASS

RMWS
ROCKY MOUNTAIN WIRELINE SERVICE

FREE PIPE PASS

Database File: c:\warrior\data\ggu miller pad\010511_barrett_ggu_miller_24c_32.db
Dataset Pathname: freepipe/pass1.1
Presentation Format: rmws_dsc
Dataset Creation: Wed Jan 05 17:02:53 2011 by Calc Std Casedhole 08121
Charted by: Depth in Feet scaled 1:240

-27	CCL	3		LTEN		0	AMPx5 (mV)	20	200	VDL	1200
0	GR	150	0	(lb)	3000	0	AMP (mV)	100			
						380	TT (usec)	180			



-27	CCL	3		LTEN		0	AMPx5 (mV)	20	200	VDL	1200
0	GR	150	0	(lb)	3000	0	AMP (mV)	100			
						380	TT (usec)	180			

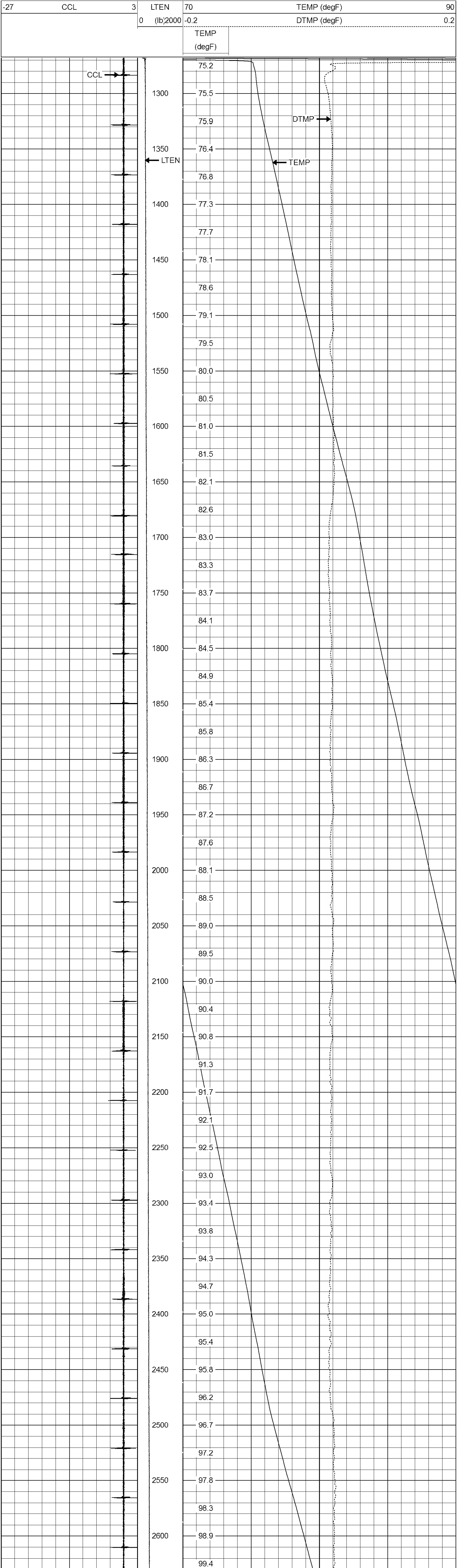
RMWS
ROCKY MOUNTAIN WIRELINE SERVICE

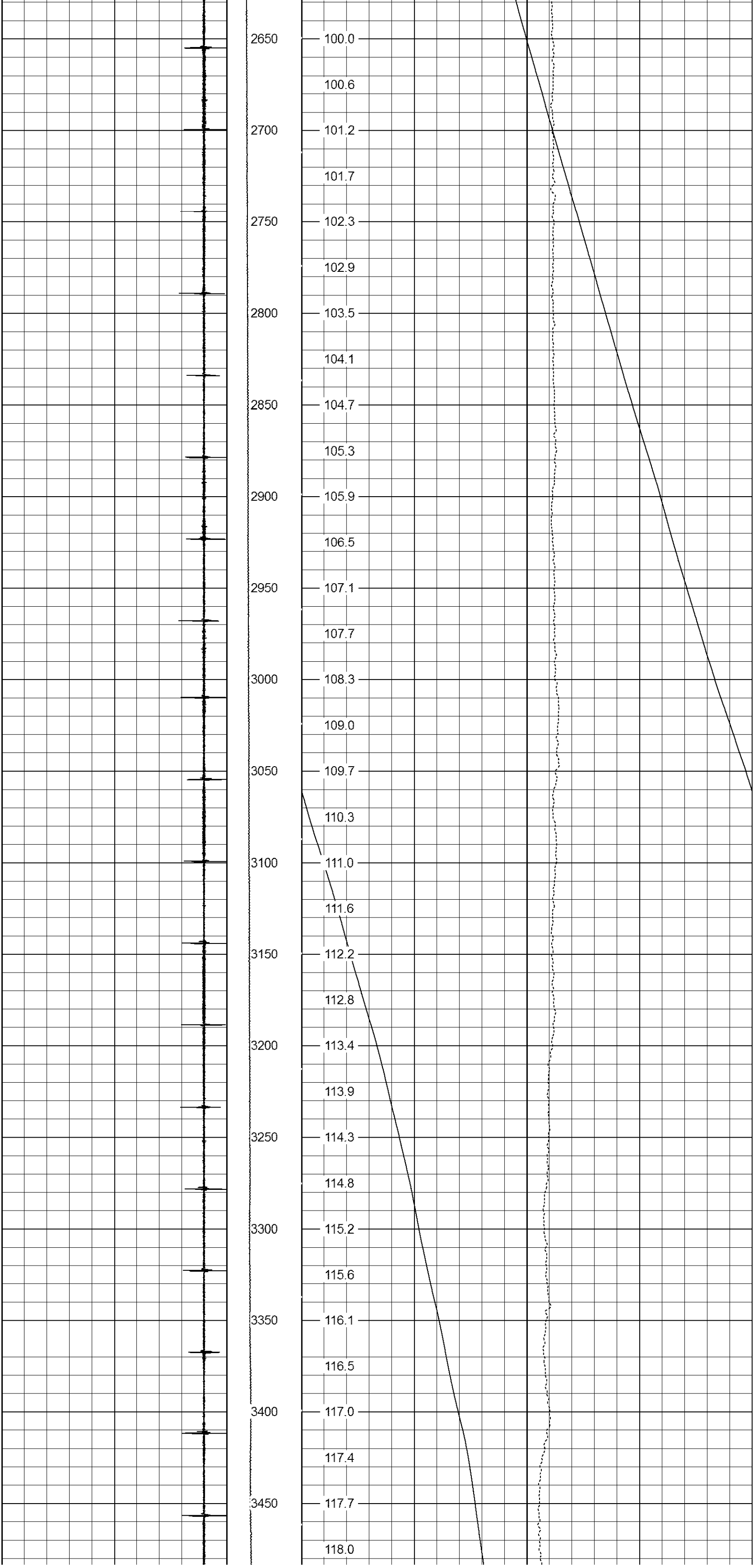
FREE PIPE PASS

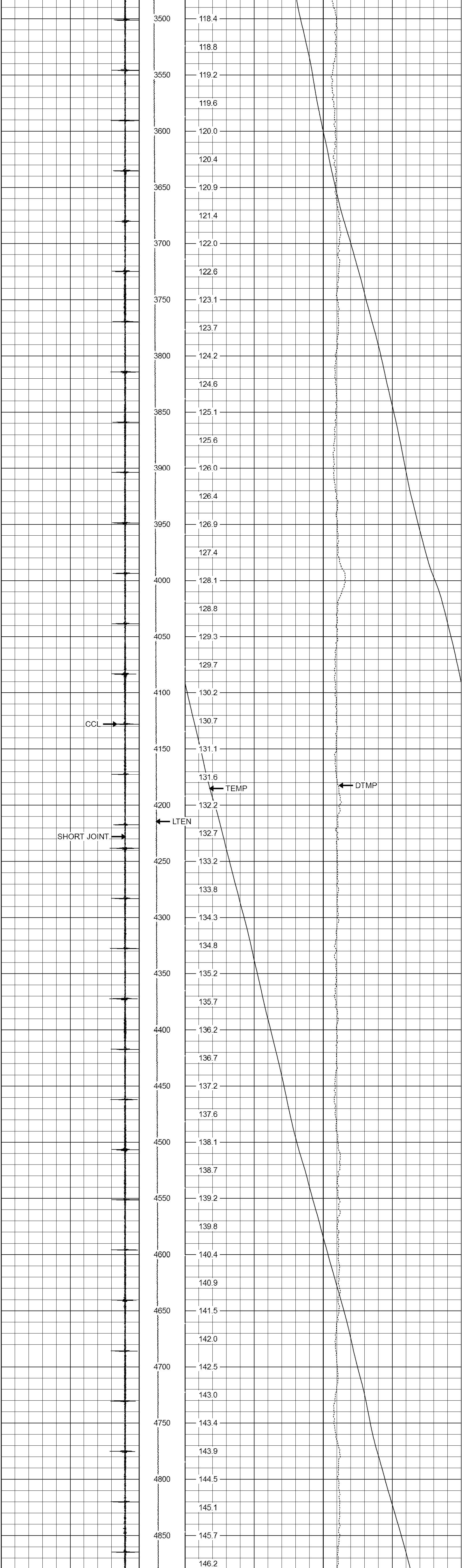
ROCKY MOUNTAIN WIRELINE SERVICE

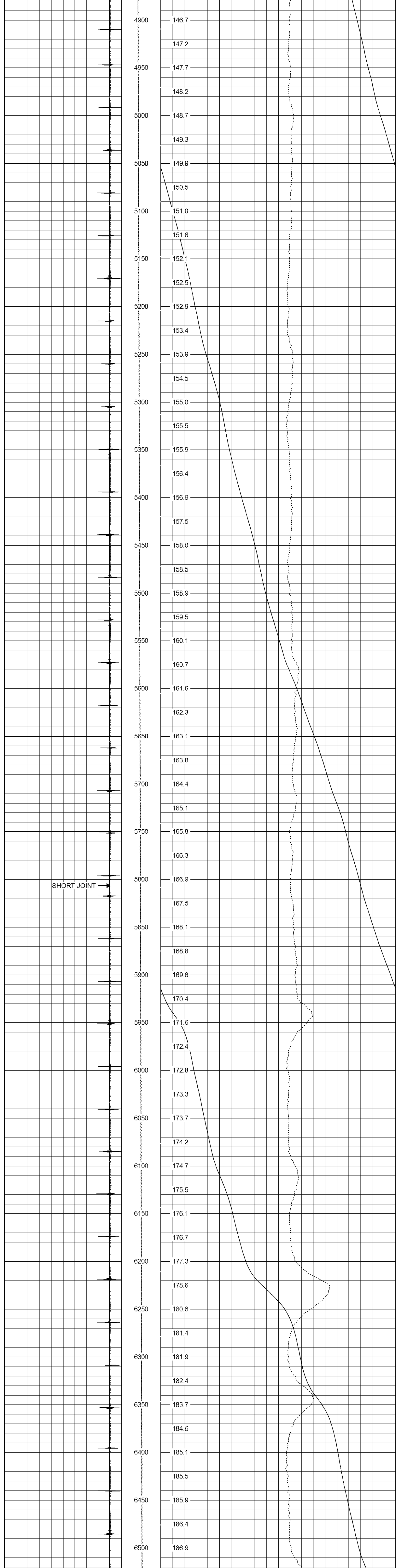
TEMP PASS

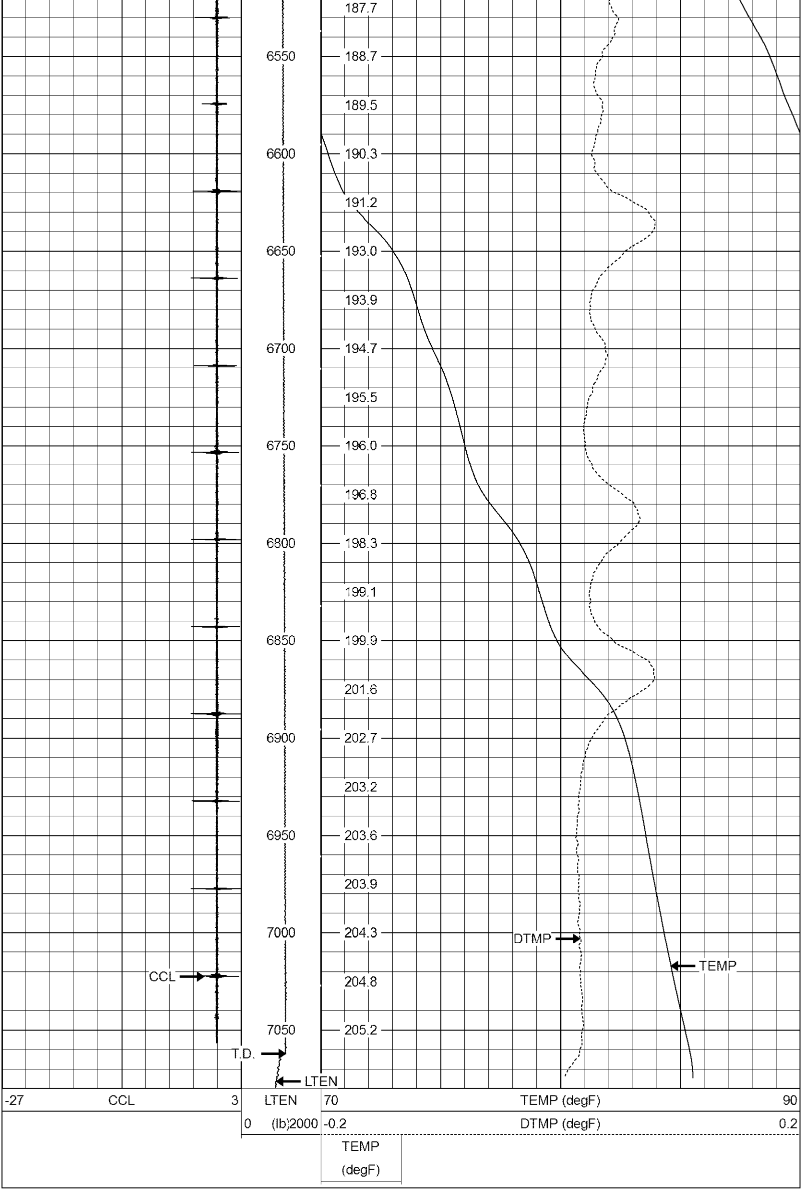
Database File: c:\warrior\data\ggu miller pad\010511_barrett_ggu_miller_24c_32.db
Dataset Pathname: temp/pass1
Presentation Format: rmws_temp
Dataset Creation: Wed Jan 05 12:18:52 2011 by Log Std Casedhole 08121
Charted by: Depth in Feet scaled 1:600











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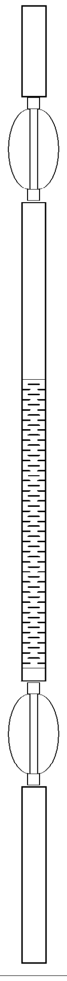
TEMP PASS

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_8043) 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_352) Tekco 2 3/4" Gamma Ray	3.69	2.75	20.00
GR	1.00					

Dataset:	010511_barrett_ggu_miller_24c_32.db: field/well/main/pass2.2
Total Length:	19.94 ft
Total Weight:	90.00 lb
O.D.	3.25 in

RMWS
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Company	BILL BARRETT CORPORATION
Well	GGU MILLER 24C - 32 - 691
Field	GIBSON GULCH
County	GARFIELD
State	COLORADO