RMWS
ROCKY MOUNTAIN WIRELINE SERVICE

CEMENT BOND LOG
GAMMA RAY / CCL
TEMPERATURE

Company	**BILL BARRETT CORPORATION**		
Well	**JOLLEY 42D - 20 - 691**		
Field	**JOLLEY**		
County	**GARFIELD**	State	**COLORADO**
Location:	API # : 05 - 045 - 19675 SHL: 2602' FNL & 1740' FEL BHL: 1474' FNL & 0664' FEL SEC 20 TWP 6S RGE 91W	Other Services	3.75" GAUGE RING

Permanent Datum	G.L.	Elevation	5530'
Log Measured From	K.B.	Ft Above PD	23'
Drilling Measured From	K.B.	Elevation	K.B. 5553' D.F. 5552' G.L. 5530'

Date	09 - 06 - 2011		
Run Number	ONE		
Depth Driller	7987'		
Present Depth Driller	NA		
Depth Logger	7918'		
Bottom Logged Interval	7917'		
Top Log Interval	2050'		
Fluid Level	SURFACE		
Type Fluid	WATER		
Max. Recorded Temp.	205.2° F		
Estimated Cement Top	2740'		
Equipment Number	208		
Location	GRAND JCT.		
Recorded By	INGRAM	COVINGTON	
Witnessed By	MR. GARY ETTER		

Borehole Record				Casing Record			
Run Number	Bit	From	To	Size	Weight	From	To
				9.625"	36#	SURFACE	859'
				4.5"	11.6#	SURFACE	7987'

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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 HES OPEN HOLE LOG DATED 7-22-11
SHORT JOINT: 5954' TO 5981' & 6967' TO 6998'
MAIN PASS 5" = 100'
TEMP PASS 2" = 100'
CSG PSI = STATIC

Calibration Report

Database File: C:\Warrior\Data\MDP13\090611_barrett_jolley_42d-20-691.db
Dataset Pathname: MAIN/pass1.2
Dataset Creation: Tue Sep 06 13:46:44 2011 by Calc Std Casedhole 10121

Temperature Calibration Report

Serial Number: 216611
Tool Model: 016
Performed: Fri Oct 24 13:21:19 2008

Point #	Reading		Reference	
1	11136.00	cps	63.28	degF
2	17489.00	cps	104.70	degF
3	28778.00	cps	175.60	degF
4	40401.00	cps	250.00	degF
5	51742.00	cps	321.75	degF
6	57178.00	cps	355.95	degF
7		cps		degF
8		cps		degF
9		cps		degF
10		cps		degF

Gamma Ray Calibration Report

Serial Number: 217692
Tool Model: 020
Performed: Wed Apr 06 13:50:00 2011

Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	1.1000	GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number: 1123
Tool Model: 004

Calibration Casing Diameter: 4.500 in
Calibration Depth: 151.554 ft

Master Calibration, performed Tue Sep 06 13:45:57 2011:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3FT	0.000	0.804	1.000	81.196	99.719	1.000
5FT	-0.001	0.873	1.000	81.196	91.737	1.081
S1	0.000	0.878	0.000	100.000	113.930	-0.000
S2	0.000	0.966	0.000	100.000	103.498	-0.000
S3	0.000	0.944	0.000	100.000	105.982	-0.000
S4	0.000	0.891	0.000	100.000	112.176	-0.000
S5	0.000	0.816	0.000	100.000	122.618	-0.000
S6	0.000	0.843	0.000	100.000	118.555	-0.000
S7	0.000	0.819	0.000	100.000	122.059	-0.000
S8	0.000	0.825	0.000	100.000	121.144	-0.000

Calibration Report

Serial Number: 1123
Tool Model: 004
Performed:

	Reference (degF)	Reading ()
Low:	0.000	0.000
High:	1.000	1.000
	Gain = 1.000	Offset= 0.000

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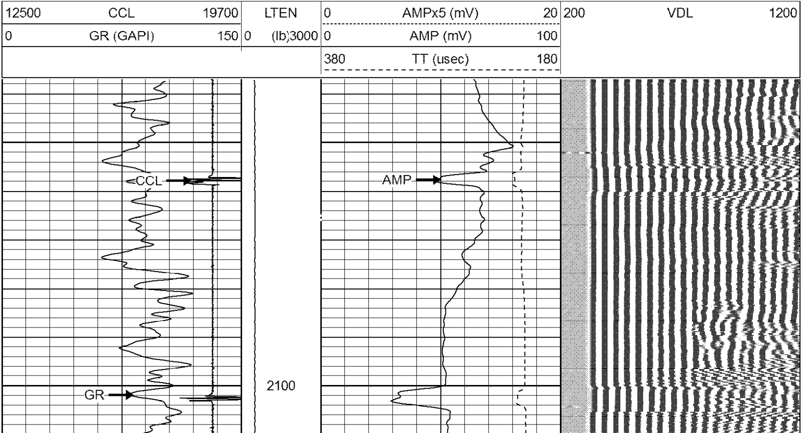
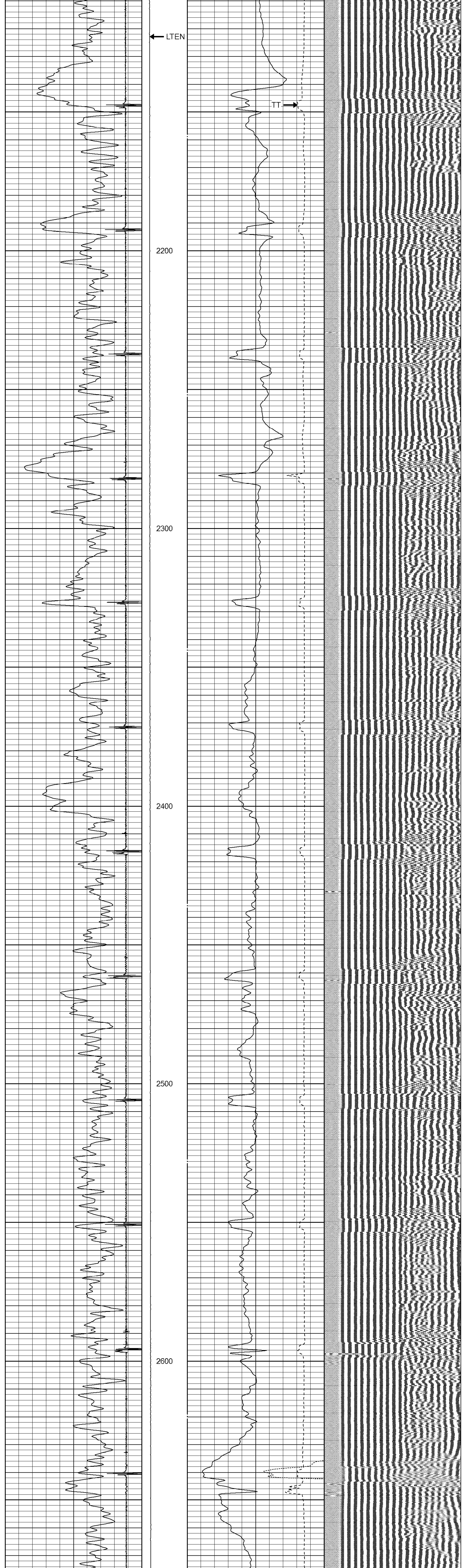
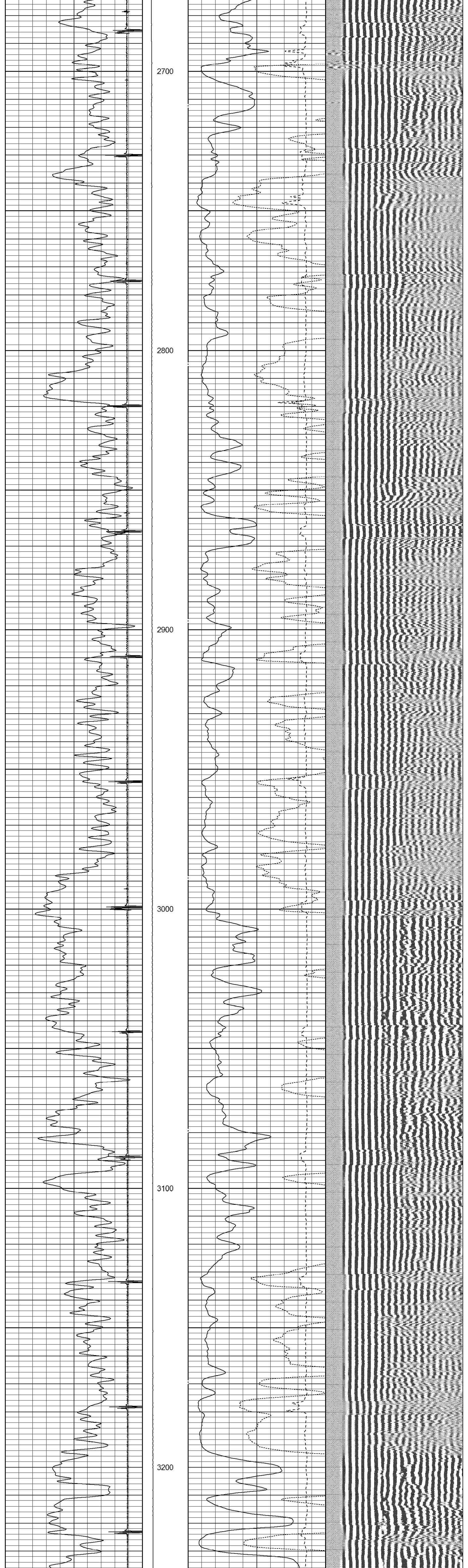
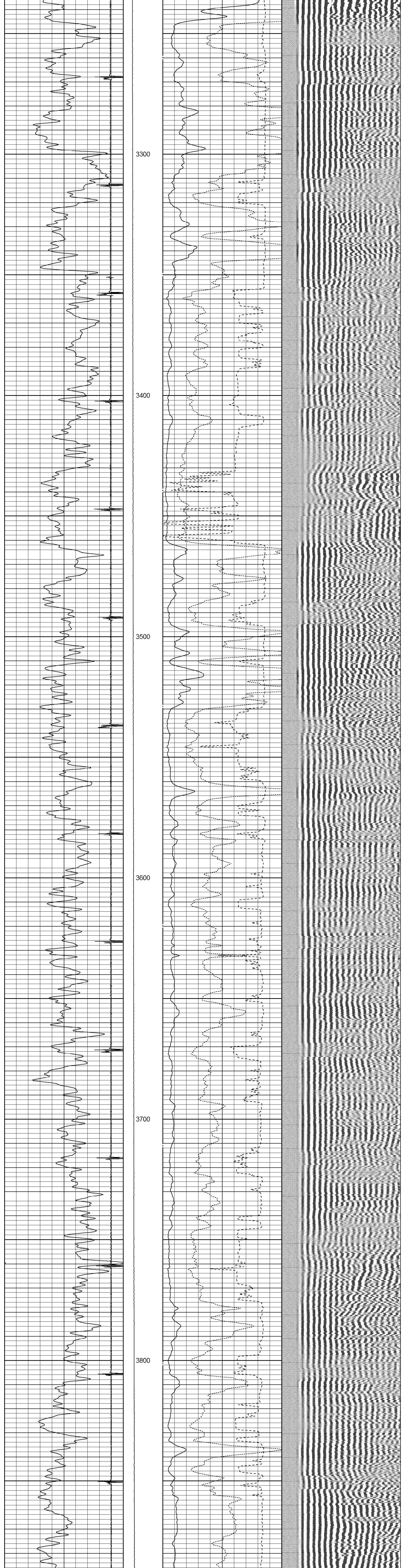
MAIN PASS

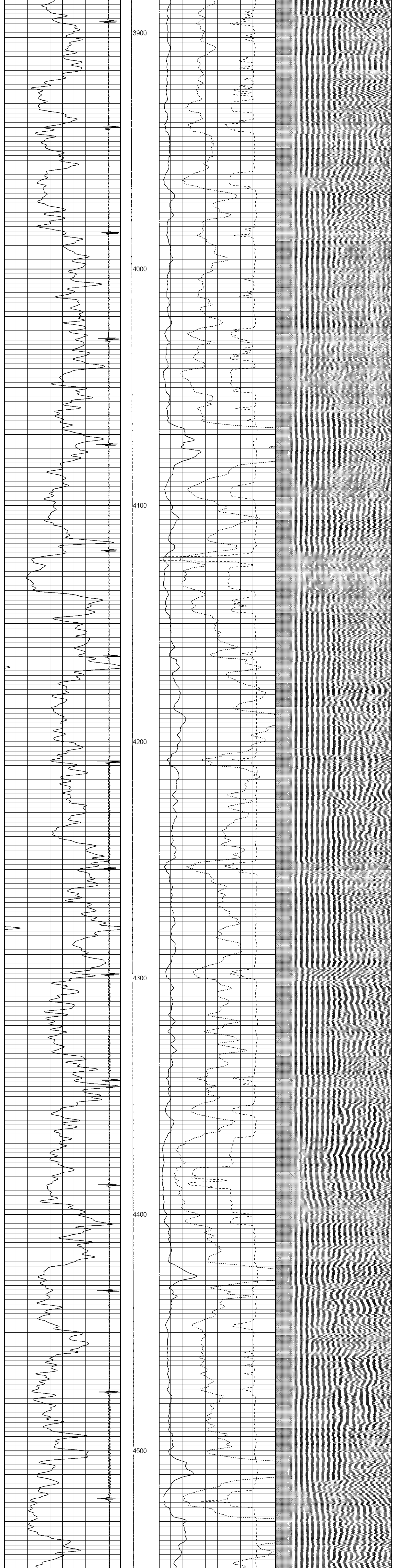
Database File: c:\warrior\data\mdp13\090611_barrett_jolley_42d-20-691.db
Dataset Pathname: MAIN/pass1.2
Presentation Format: rmws_dsc
Dataset Creation: Tue Sep 06 13:46:44 2011 by Calc Std Casedhole 10121
Charted by: Depth in Feet scaled 1:240

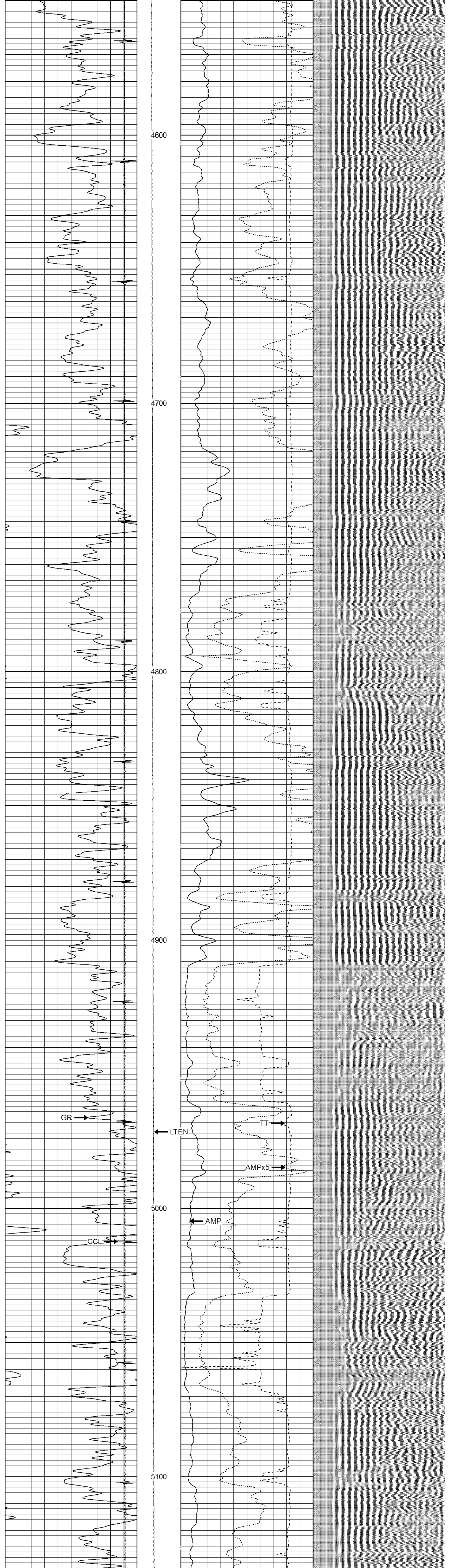


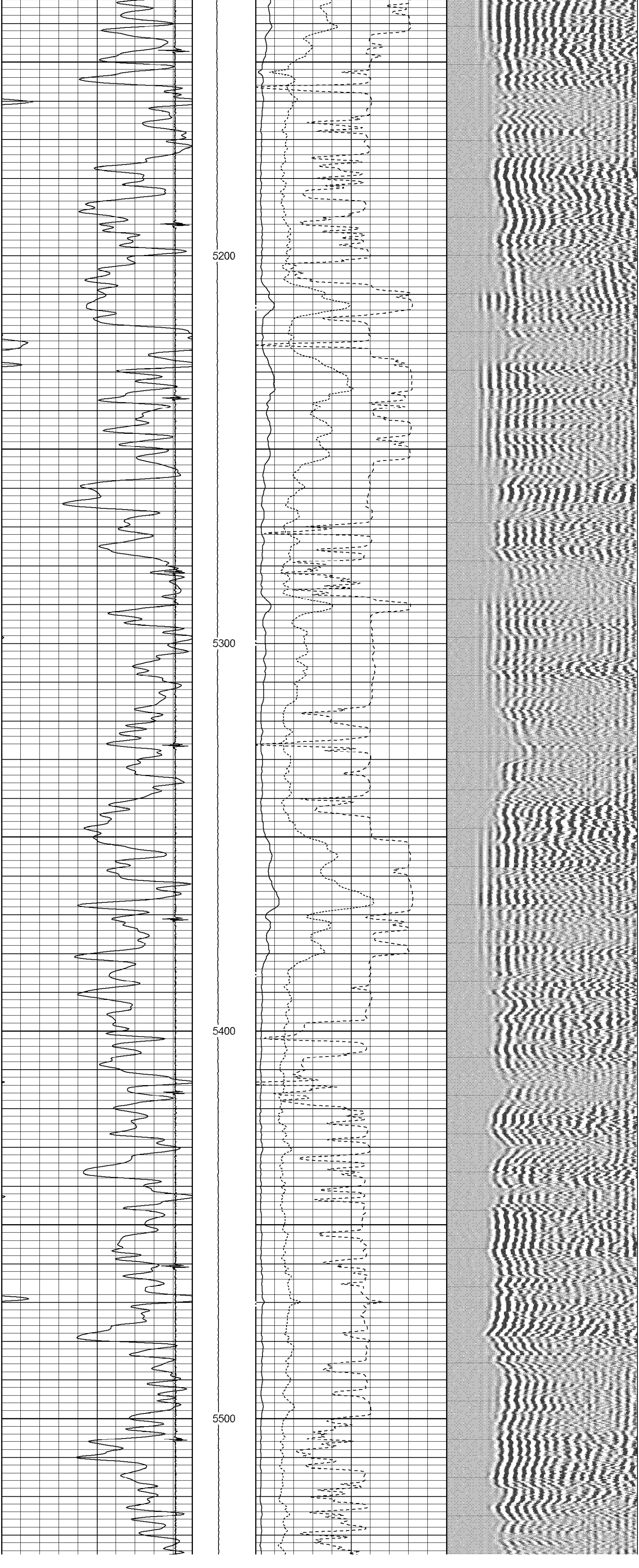


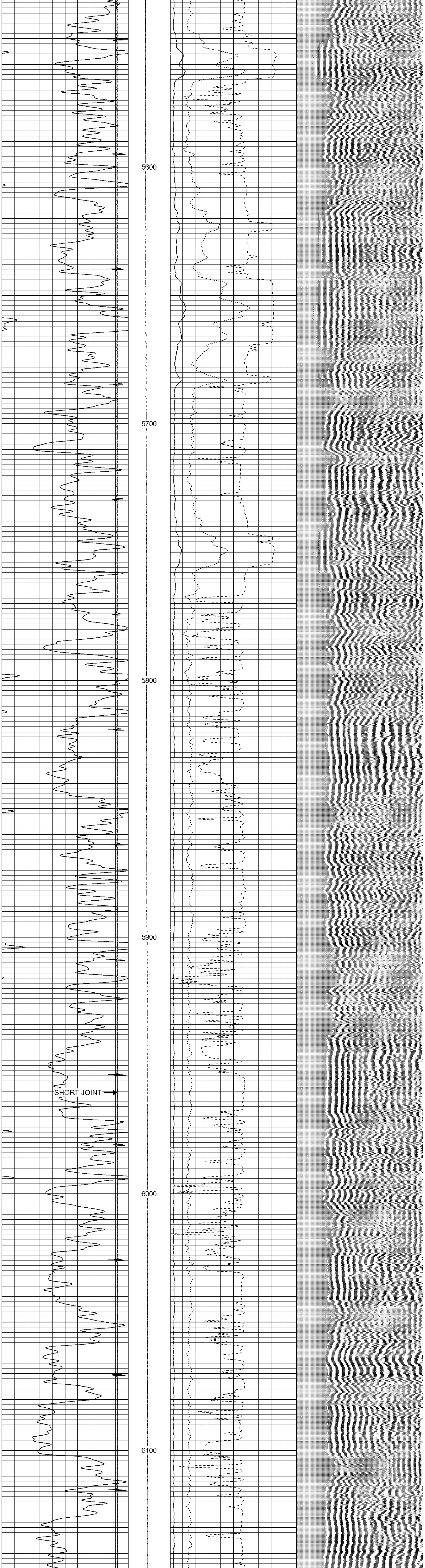


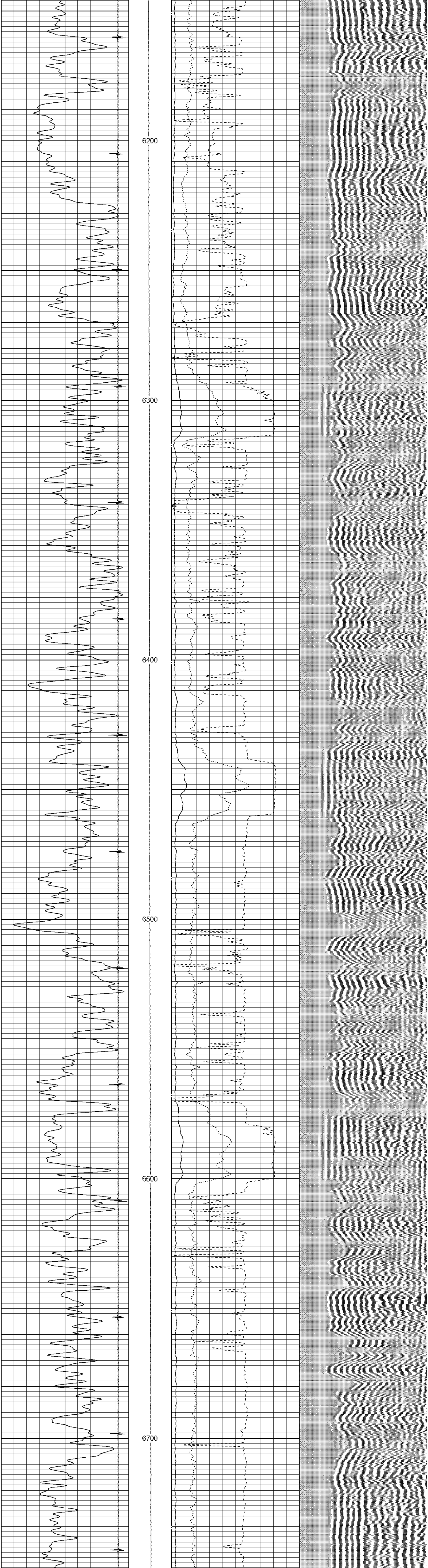


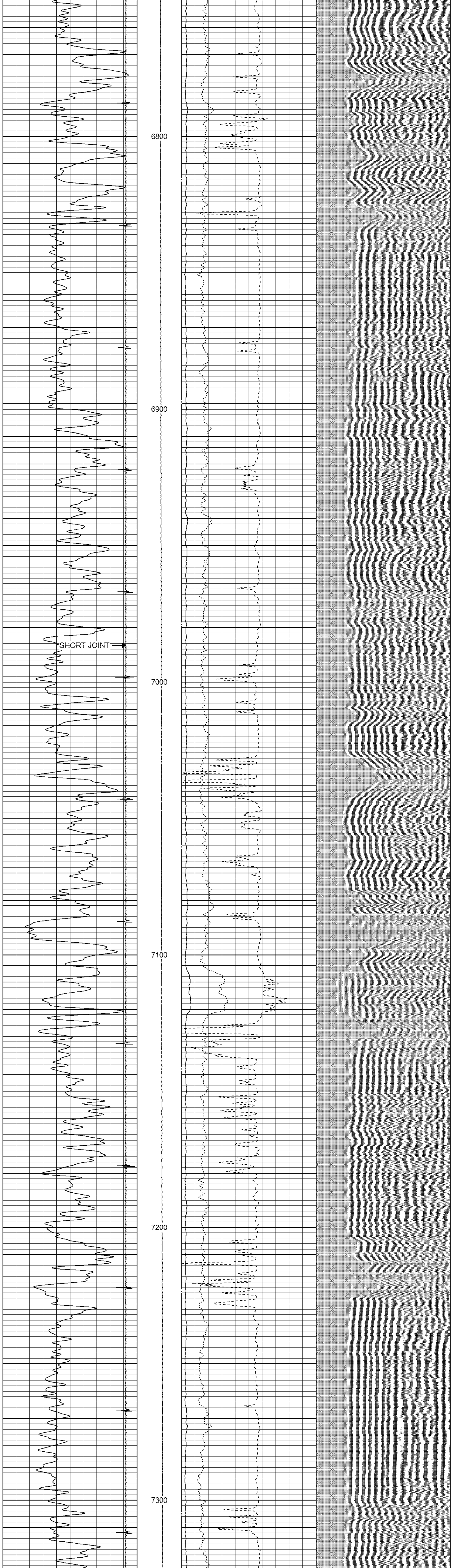


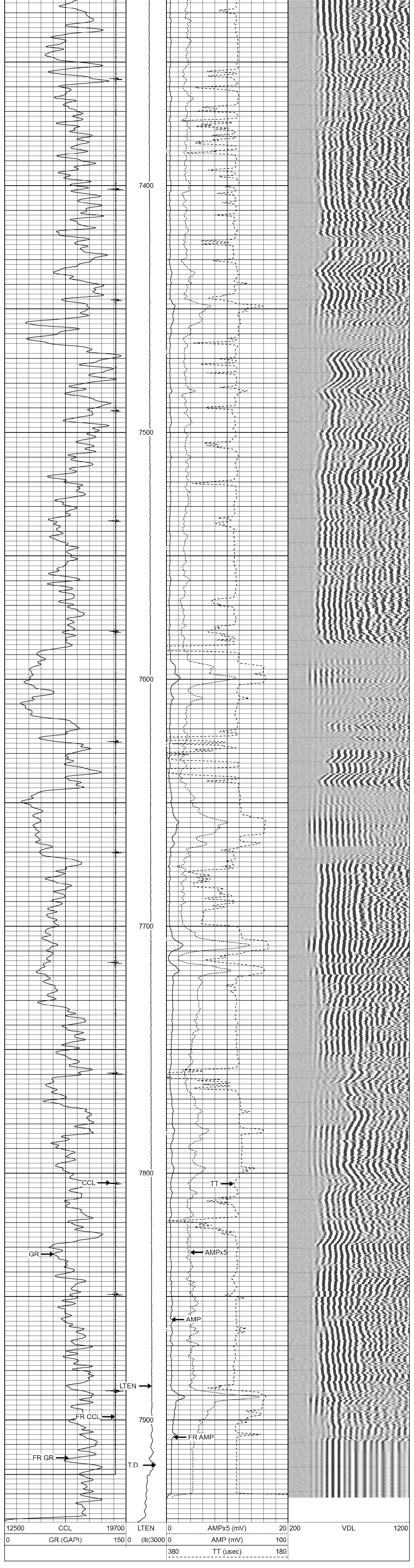










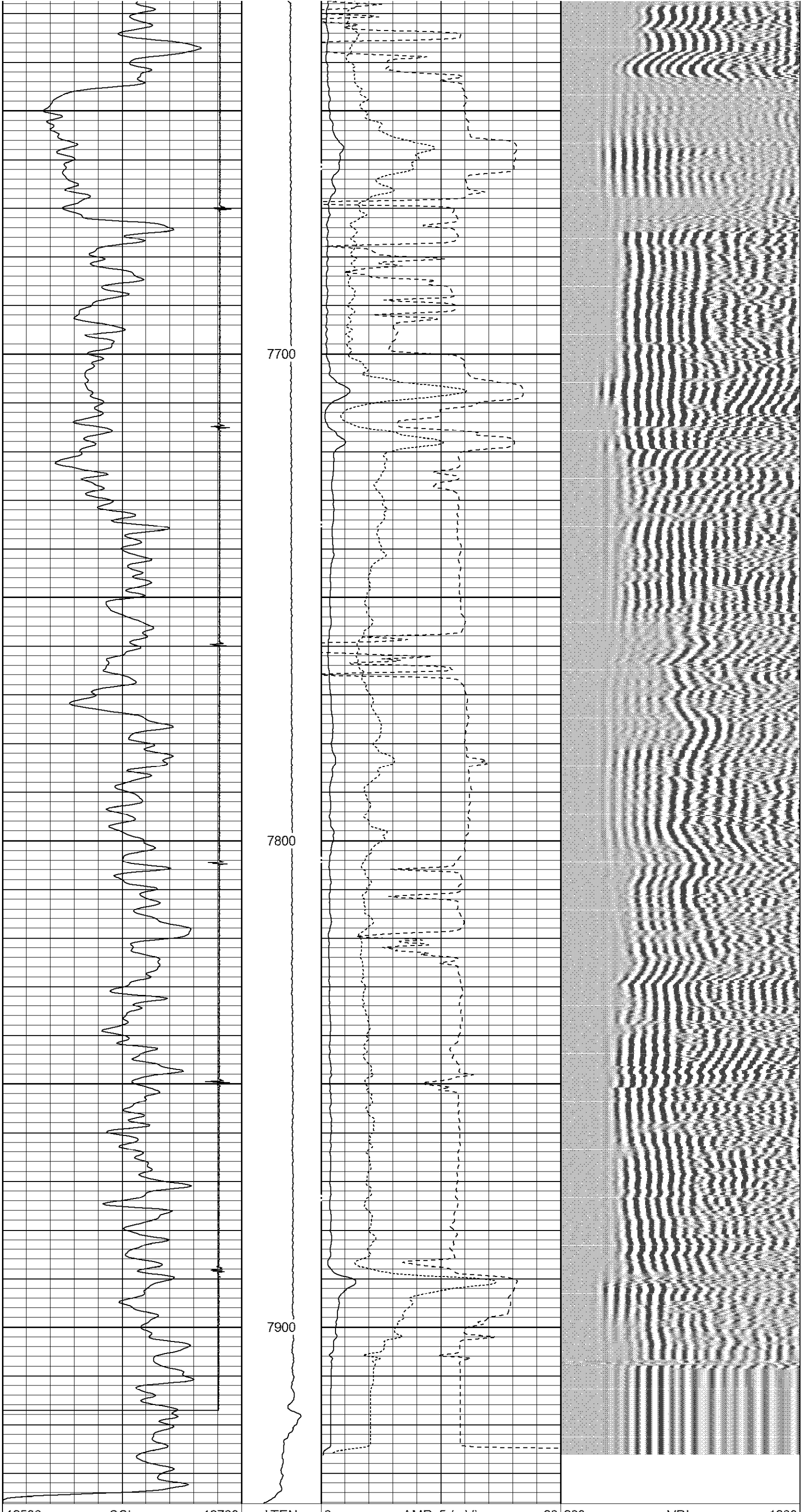


ROCKY MOUNTAIN WIRELINE SERVICE

REPEAT PASS

Database File: c:\warrior\data\mdp13\090611_barrett_jolley_42d-20-691.db
Dataset Pathname: REPEAT/pass1.1
Presentation Format: rmws_dsc
Dataset Creation: Tue Sep 06 13:49:27 2011 by Calc Std Casedhole 10121
Charted by: Depth in Feet scaled 1:240

12500	CCL	19700	LTEN	0	AMPx5 (mV)	20	200	VDL	1200
0	GR (GAPI)	150	0 (lb) 3000	0	AMP (mV)	100			
				380	TT (usec)	180			



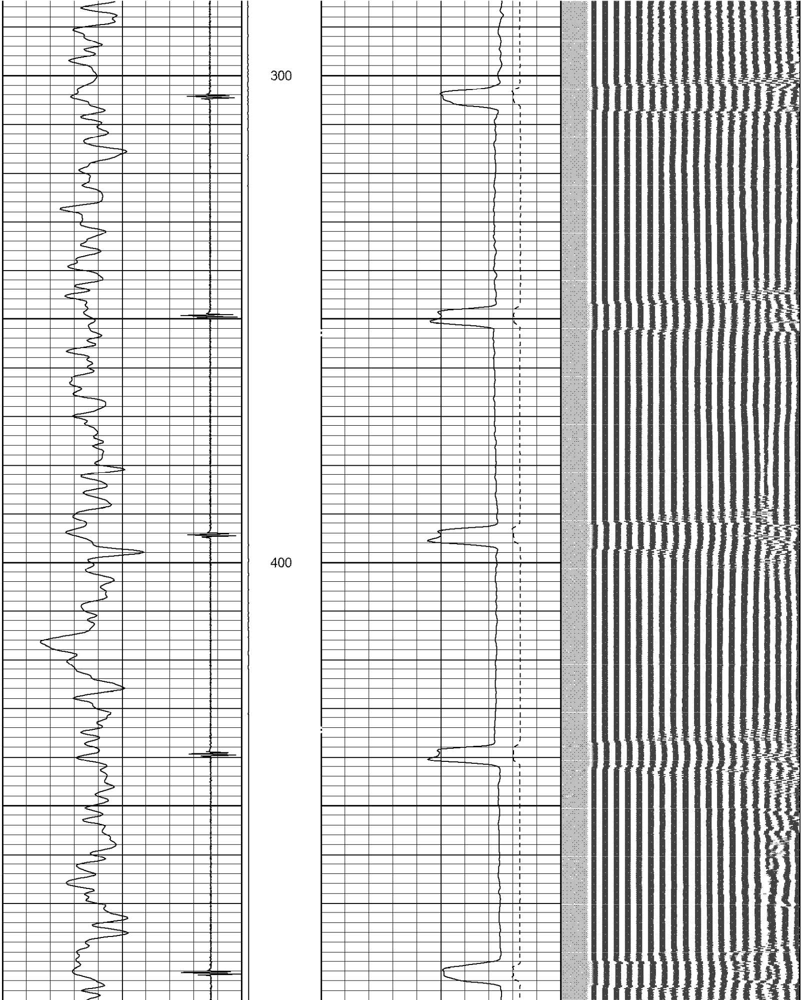
12500	CCL	19700	LTEN	0	AMPx5 (mV)	20	200	VDL	1200
0	GR (GAPI)	150	0 (lb) 3000	0	AMP (mV)	100			
				380	TT (usec)	180			

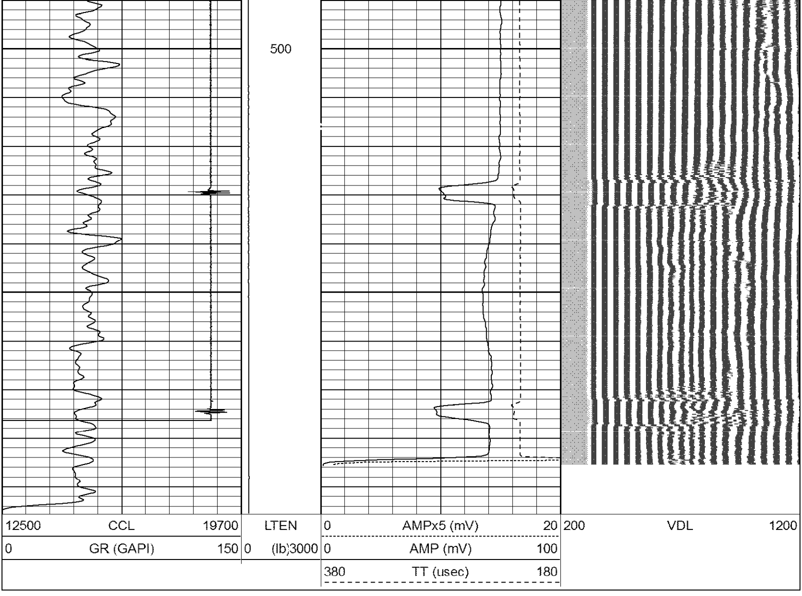
ROCKY MOUNTAIN WIRELINE SERVICE

FREE PIPE PASS

Database File: c:\warrior\data\mdp13\090611_barrett_jolley_42d-20-691.db
Dataset Pathname: FREEPIPE/pass1.1
Presentation Format: rmws_dsc
Dataset Creation: Tue Sep 06 13:48:34 2011 by Calc Std Casedhole 10121
Charted by: Depth in Feet scaled 1:240

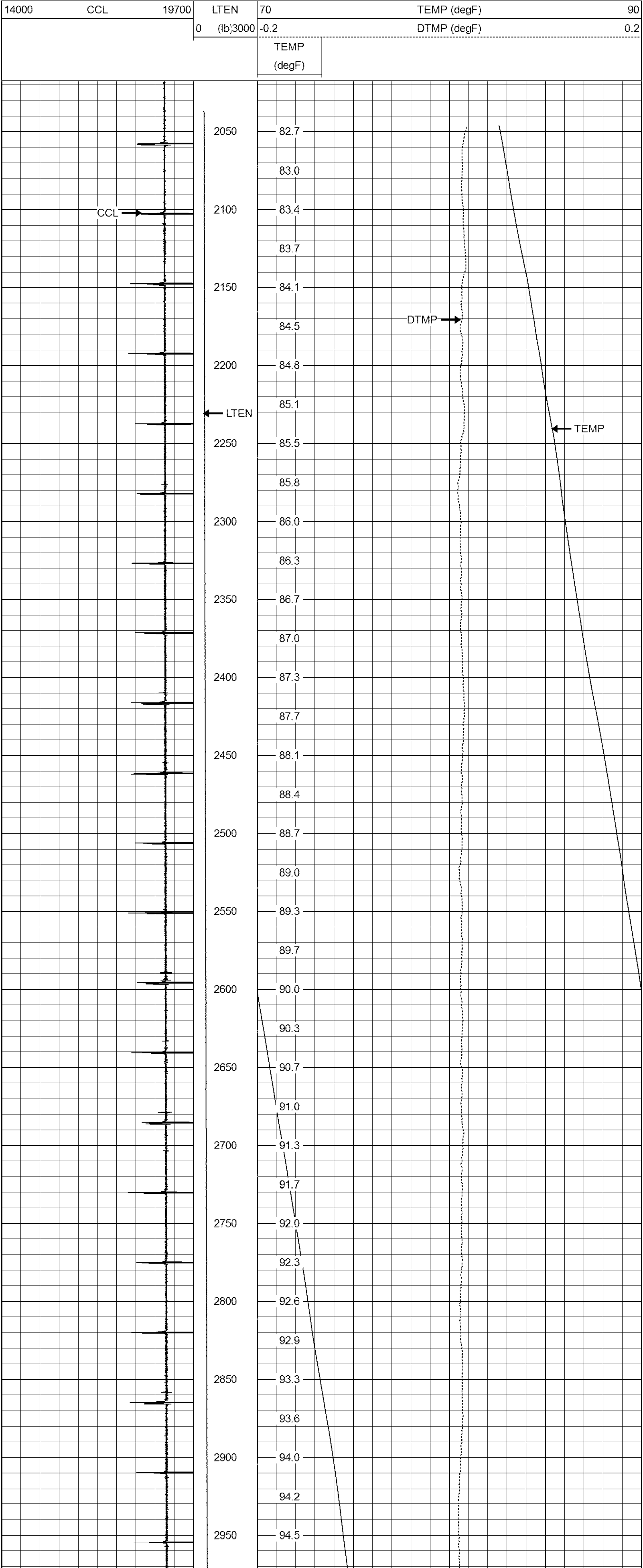
12500	CCL	19700	LTEN	0	AMPx5 (mV)	20	200	VDL	1200
0	GR (GAPI)	150	0 (lb) 3000	0	AMP (mV)	100			
				380	TT (usec)	180			

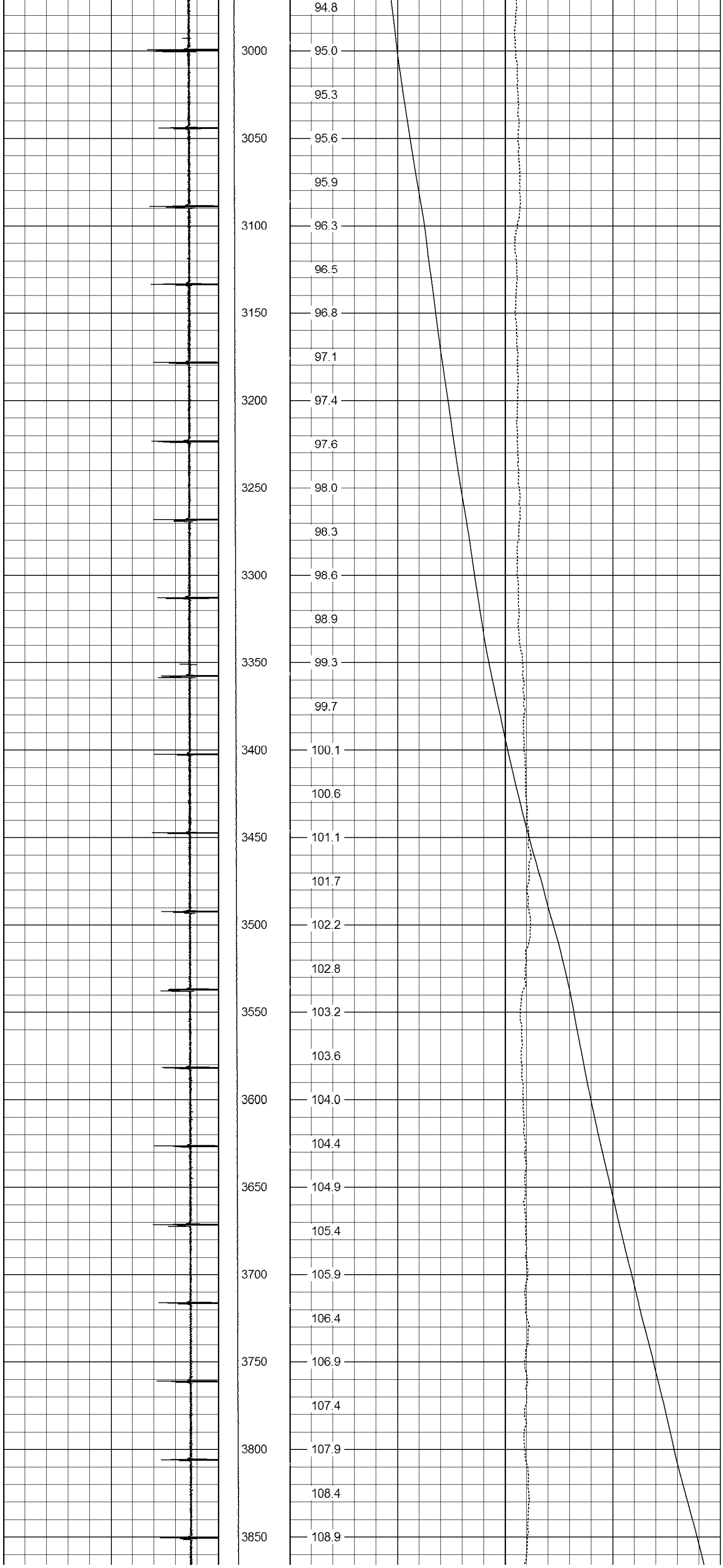


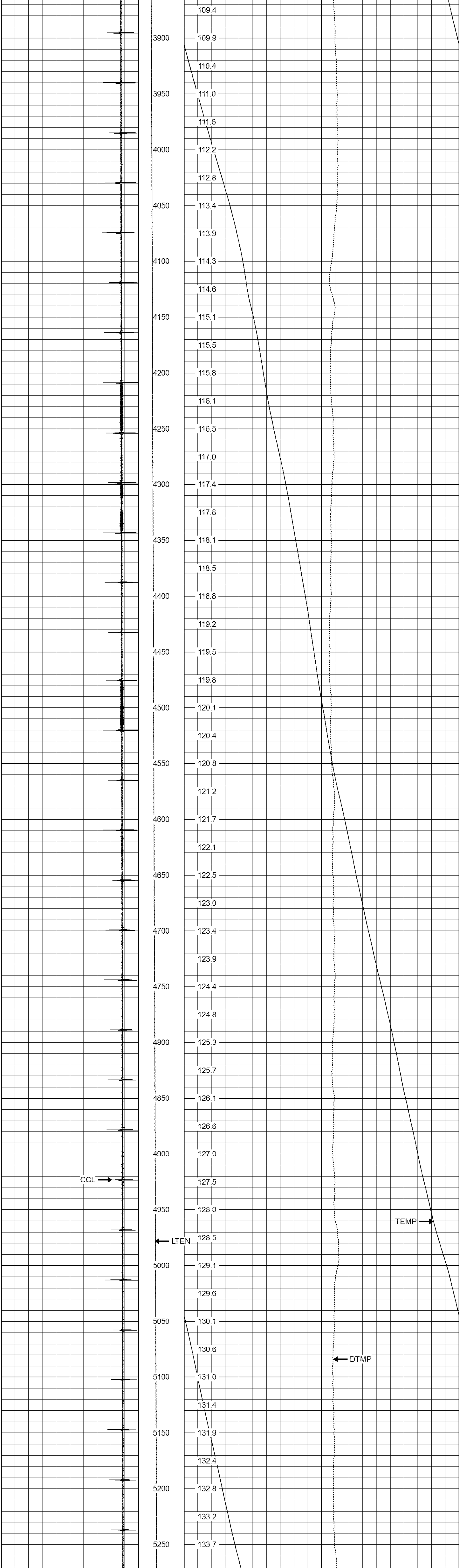


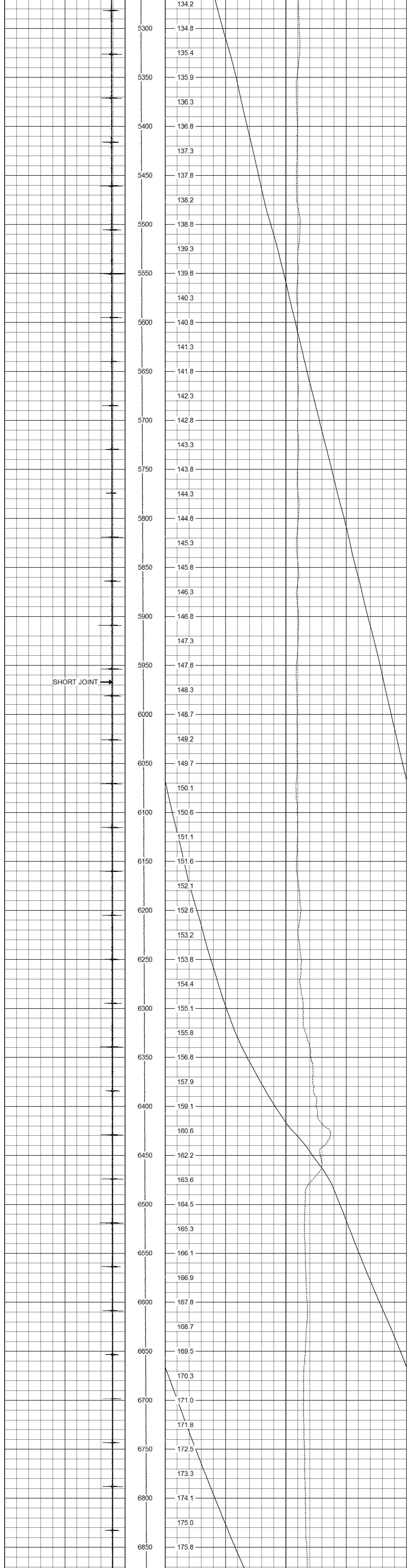
TEMP PASS

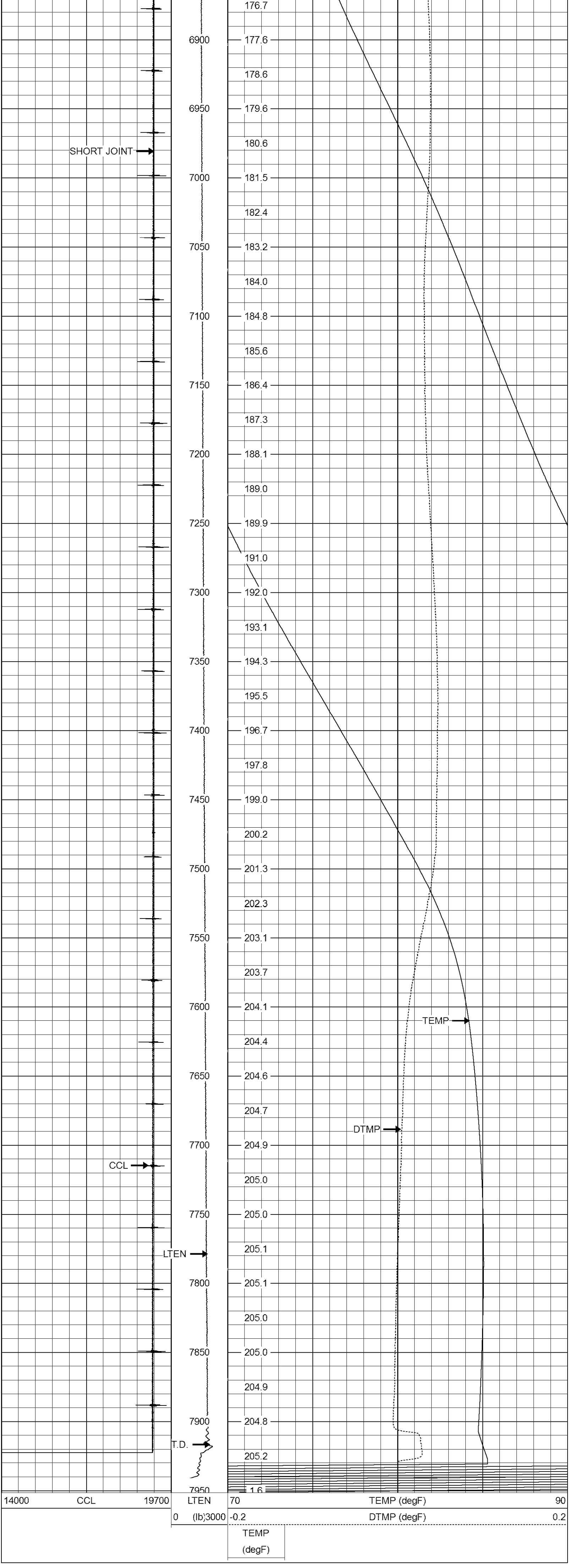
Database File: c:\warrior\data\mdp13\090611_barrett_jolley_42d-20-691.db
Dataset Pathname: MAIN/pass1.1
Presentation Format: RMWS T~1
Dataset Creation: Tue Sep 06 13:37:29 2011
Charted by: Depth in Feet scaled 1:600

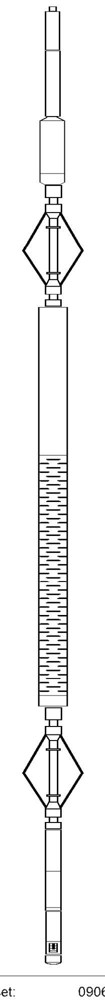












Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CHD-AES (000001) Cable Head	1.04	1.69	2.00
			XTU-002 (216414) Crossover Ultrawire Toolbus To Ultralink	1.58	1.69	6.50
CCL	18.97		CCL-028 (1036) CCL UW 3 1/8" SONDEX	1.61	3.13	36.00
			PRC-062 (C-1099) 4ARM 2 3/4" ROLLER	2.90	2.75	34.00
WVF3FT WVFS1 WVFS2 WVFS3 WVFS4 WVFS5 WVFS6 WVFS7 WVFS8 CBLTEMP CBLROT WVF5FT	11.22 11.22 11.22 11.22 11.22 11.22 11.22 11.22 11.22 11.22 11.22 10.22		RBT-004 (1123) Radial Bond Tool (UW 3 1/8)	9.47	3.13	140.00
			PRC-062 (C-1100) 4ARM 2 3/4" ROLLER	2.90	2.75	34.00
GR	1.76		PGR-020 (217692) Production Gamma Ray	1.93	1.69	9.50
TEMP TSTAMP	0.37 0.00		PRT-016 (216611) Platinum Resistance Thermometer	1.04	1.69	6.00
ITEMPX HVOLTX	0.00 0.00		BUL-006 (212965) Bullnose Terminator	0.22	1.69	1.20

Dataset:	090611_barrett_jolley_42d-20-691.db: field/well/MAIN/pass1.2
Total Length:	22.70 ft
Total Weight:	269.20 lb
O.D.	3.13 in

RMWS
ROCKY MOUNTAIN WIRELINE SERVICE

Company	BILL BARRETT CORPORATION
Well	JOLLEY 42D - 20 - 691
Field	JOLLEY
County	GARFIELD
State	COLORADO