RMWS
ROCKY MOUNTAIN WIRELINE SERVICE

CEMENT BOND LOG
GAMMARAY / CCL
TEMPERATURE

Company	**BILL BARRETT CORPORATION**
Well	**GGU FEDERAL 42D-29-691**
Field	**GIBSON GULCH**
County	**GARFIELD**
State	**COLORADO**

Location: API # : 05-045-19803
SHL: 1246' FNL & 1282' FEL
BHL: 1473' FNL & 0664' FEL
SEC 29 TWP 6S RGE 91W

Other Services
3.75" GAUGE RING

Permanent Datum G.L. Elevation 6104'
Log Measured From K.B. Ft Above PD 23'
Drilling Measured From K.B.

Elevation
K.B. 6127'
D.F. 6126'
G.L. 6104'

Date	04-01-2011		
Run Number	ONE		
Depth Driller	7385'		
Present Depth Driller	7310'		
Depth Logger	7310'		
Bottom Logged Interval	7310'		
Top Log Interval	1520'		
Fluid Level	SURFACE		
Type Fluid	WATER		
Max. Recorded Temp.	210.1° F		
Estimated Cement Top	2670'		
Equipment Number	216		
Location	GRAND JCT.		
Recorded By	HARRIS		
Witnessed By	MR. ETTER		

	Borehole Record			Casing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	8.75"	824'	5628'	9.625"	36#	SURFACE	824'
TWO	7.88"	5628'	7385'	4.5"	11.6#	SURFACE	7385'

<<< Fold Here >>>

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 OH LOG DATED 1-8-11
SHORT JOINTS AT 4425' - 4446' AND 5969' - 5989'
MAIN PASS 5" = 100'
TEMP PASS 2" = 100'
CSG PSI = 0

Calibration Report

Database File: C:\Warrior\Data\MDP 11\040211_bbc_42d.db
Dataset Pathname: MAIN/pass2
Dataset Creation: Sat Apr 02 17:25:15 2011

Temperature Calibration Report

Serial Number: 217894
Tool Model: 016
Performed: Fri Oct 24 13:23:59 2008

Point #	Reading		Reference	
1	13298.00	cps	75.97	degF
2	17844.00	cps	104.32	degF
3	29434.00	cps	175.71	degF
4	41028.00	cps	246.70	degF
5	52674.00	cps	317.75	degF
6	58555.00	cps	353.61	degF
7		cps		degF
8		cps		degF
9		cps		degF
10		cps		degF

Gamma Ray Calibration Report

Serial Number:	AJD00166	
Tool Model:	020	
Performed:	Thu Jul 30 19:58:24 2009	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	1.2000	GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number:	1122	
Tool Model:	004	
Calibration Casing Diameter:	4.500	in
Calibration Depth:	112.813	ft

Master Calibration, performed Fri Apr 01 14:42:01 2011:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3FT	0.000	1.044	0.000	81.196	77.743	0.000
5FT	0.000	0.999	0.000	81.196	81.276	0.000
S1	0.000	1.087	0.000	100.000	91.963	0.000
S2	0.000	1.101	0.000	100.000	90.840	0.000
S3	0.000	1.044	0.000	100.000	95.794	0.000
S4	0.000	1.029	0.000	100.000	97.178	0.000
S5	0.000	1.022	0.000	100.000	97.883	0.000
S6	0.000	1.028	0.000	100.000	97.278	0.000
S7	0.000	1.066	0.000	100.000	93.766	0.000
S8	0.000	1.090	0.000	100.000	91.774	0.000

Calibration Report

Serial Number: 1122
Tool Model: 004
Performed:

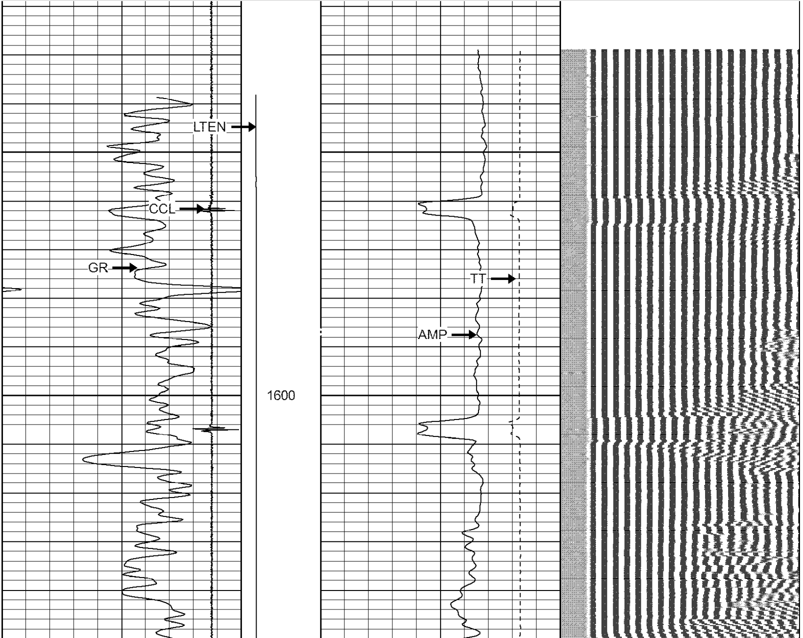
	Reference (degF)	Reading ()
Low:	0.000	0.000
High:	1.000	1.000
	Gain = 1.000	Offset= 0.000

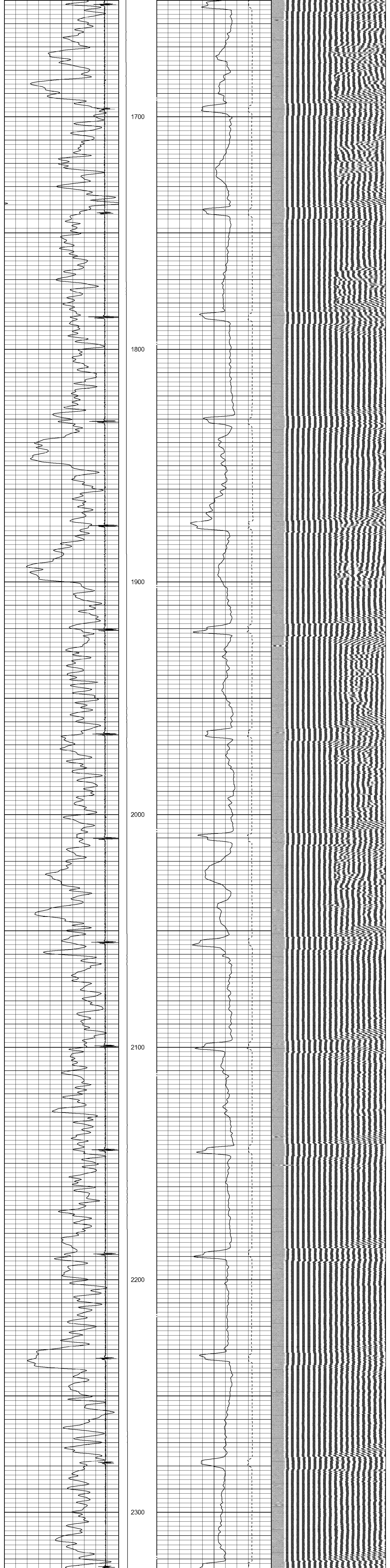
RMWS
ROCKY MOUNTAIN WIRELINE SERVICE

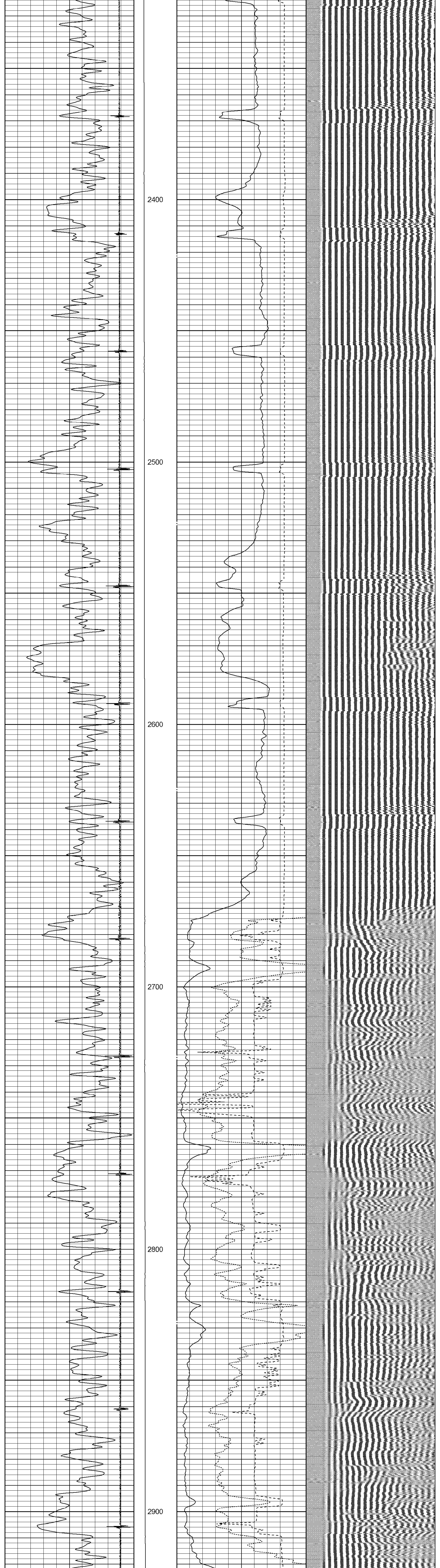
MAIN PASS

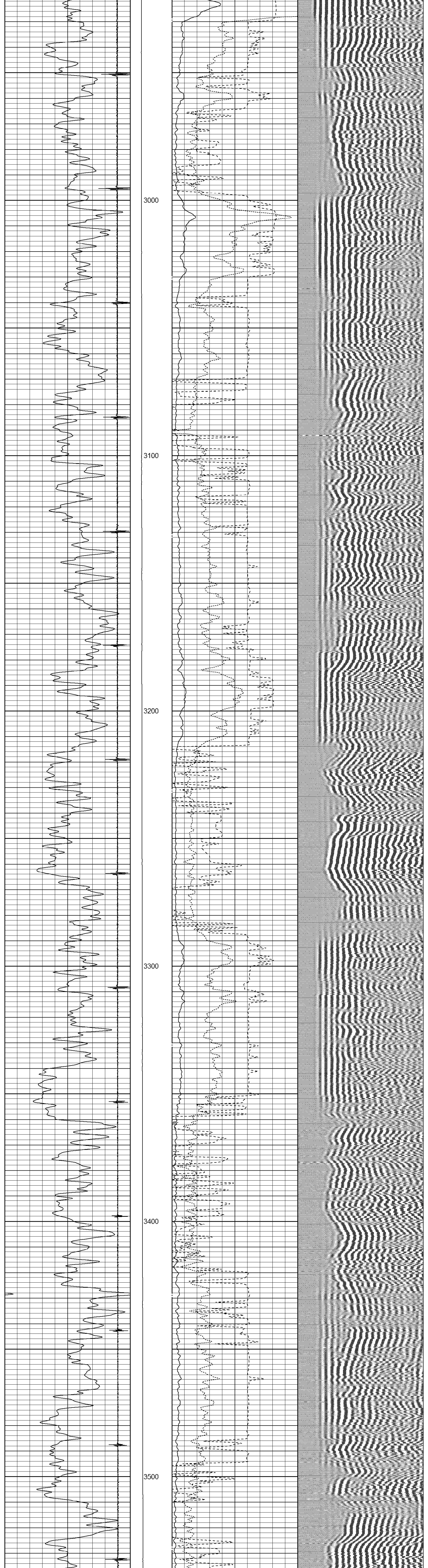
Database File: c:\warrior\data\mdp 11\040211_bbc_42d.db
Dataset Pathname: MAIN/pass2
Presentation Format: rmws_dsc
Dataset Creation: Sat Apr 02 17:25:15 2011
Charted by: Depth in Feet scaled 1:240

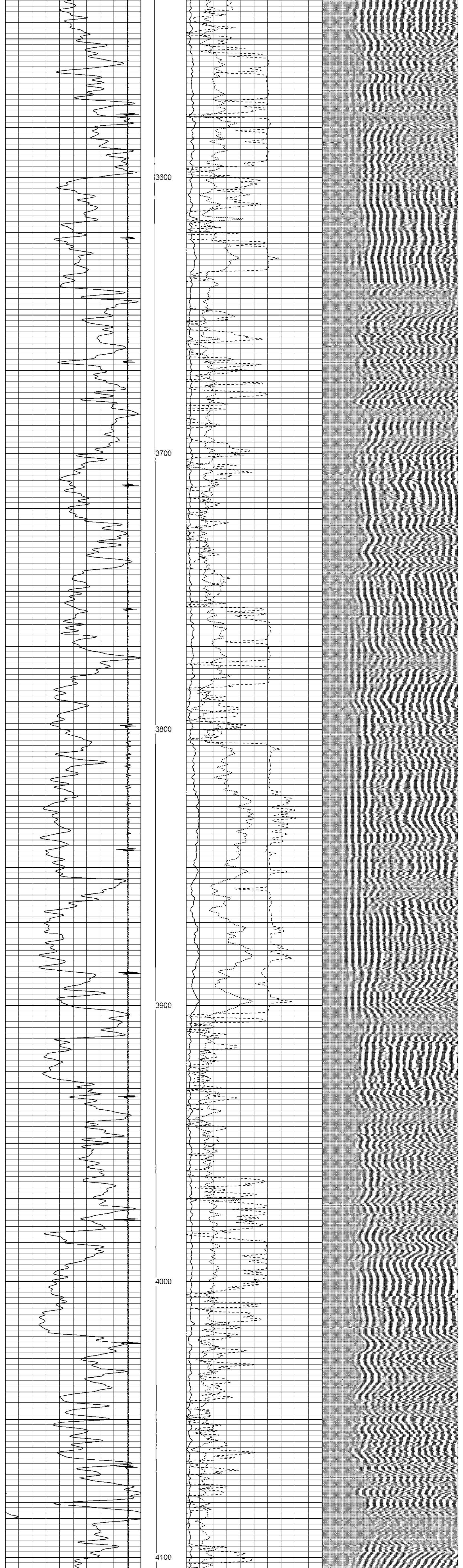
14000 Collar Locator 19600	LTEN	0 AMP AMPLITUDE (mV) 20	200 VDL 1200
0 Gamma Ray (GAPI) 150	0 (lb) 2000	0 AMPLITUDE (mV) 100	
		380 TRAVEL TIME (usec) 180	

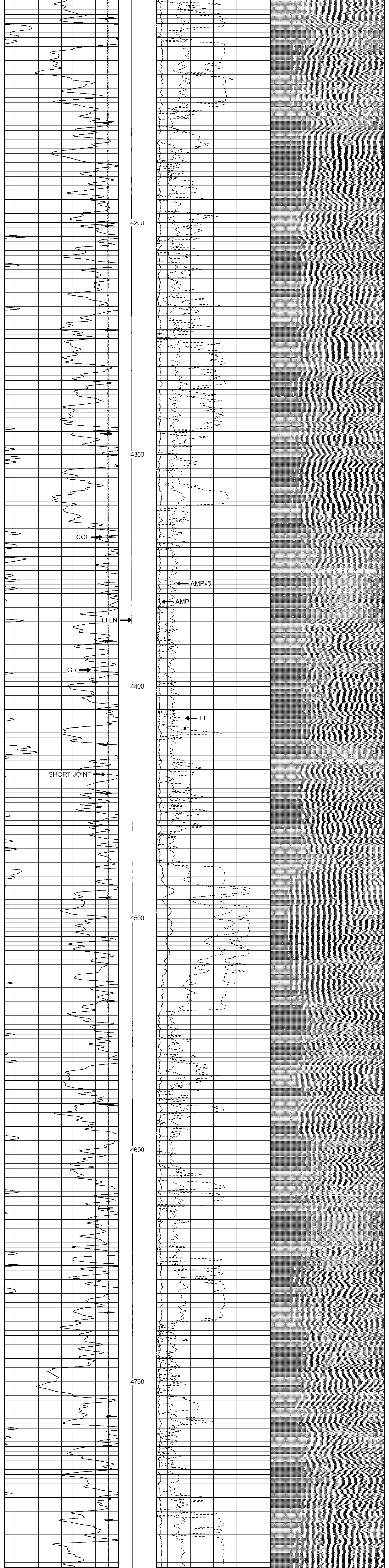


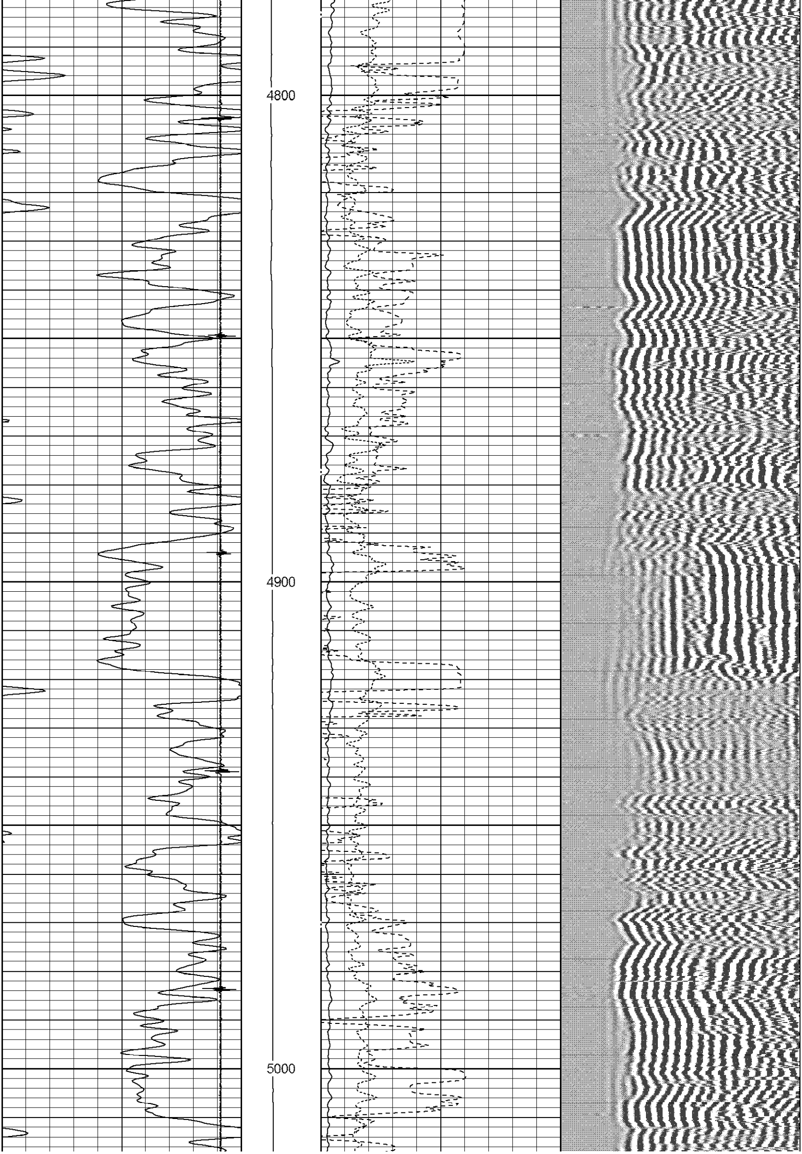


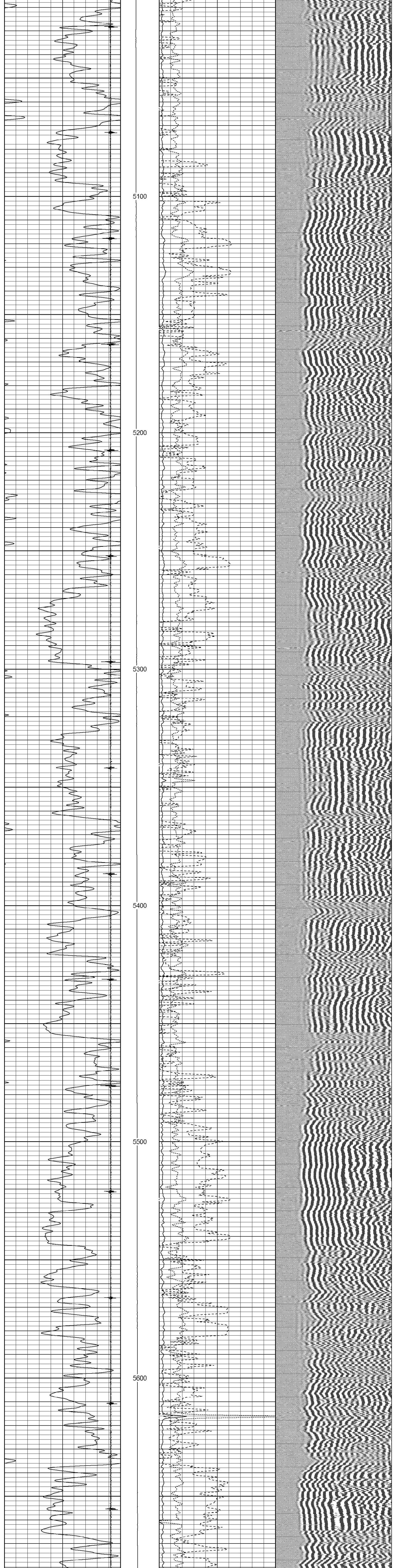


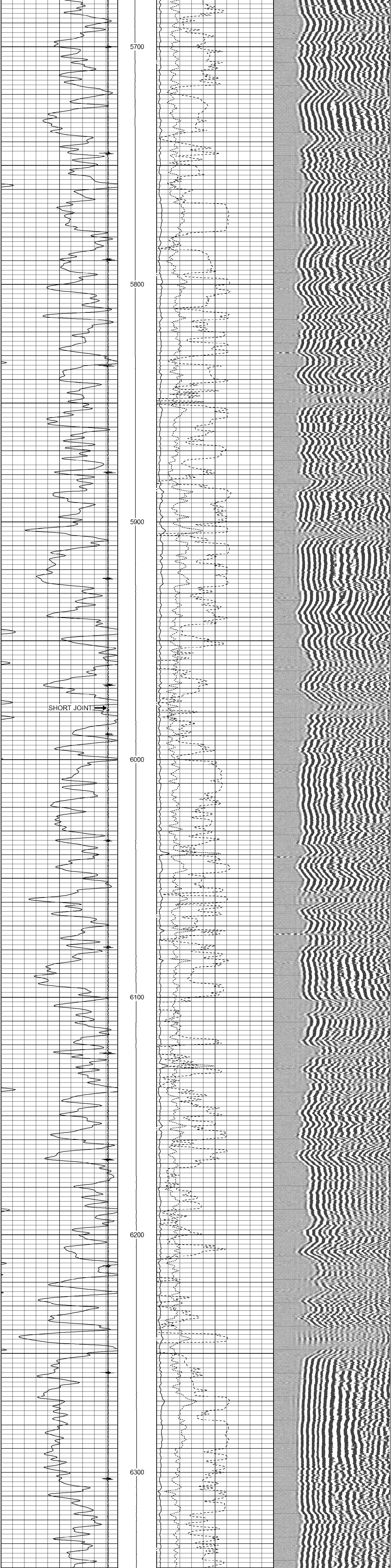


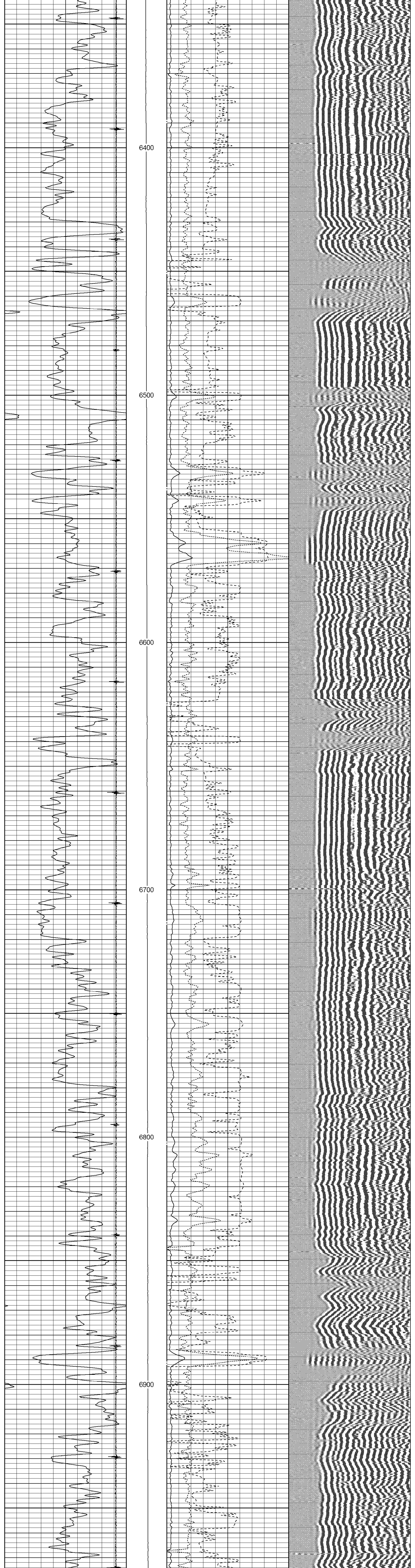


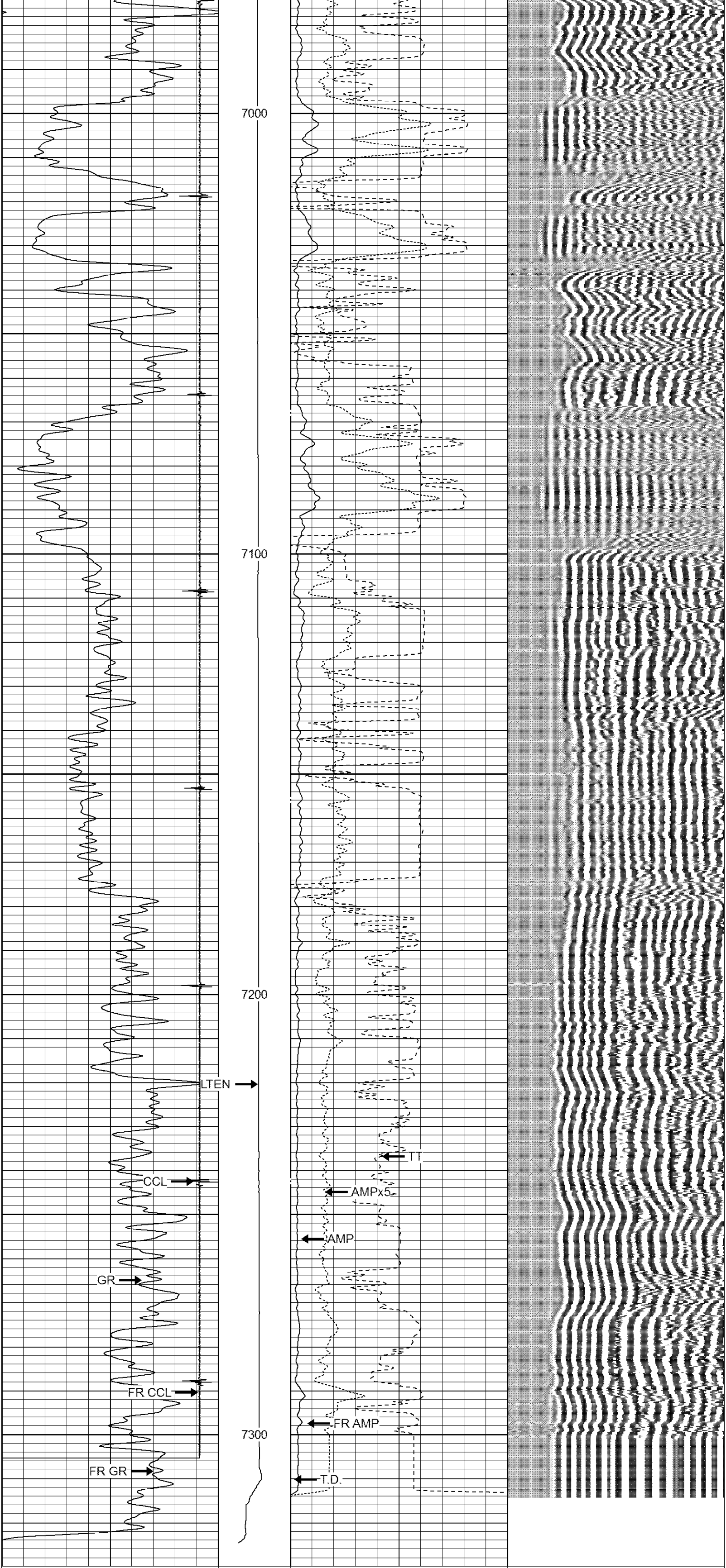












14000	Collar Locator	19600	LTEN		0	AMP AMPLITUDE (mV)	20	200	VDL	1200
0	Gamma Ray (GAPI)	150	0	(lb)2000	0	AMPLITUDE (mV)	100			
					380	TRAVEL TIME (usec)	180			

RMWS
ROCKY MOUNTAIN WIRELINE SERVICE

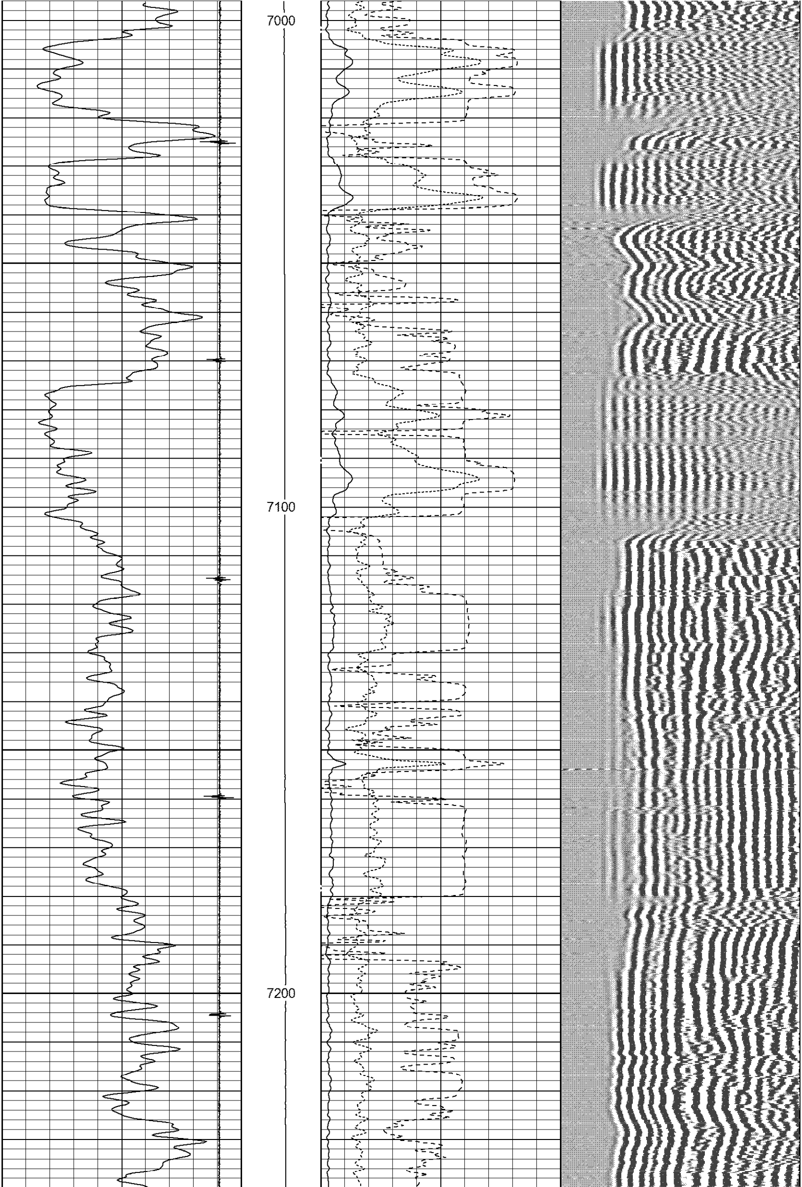
MAIN PASS

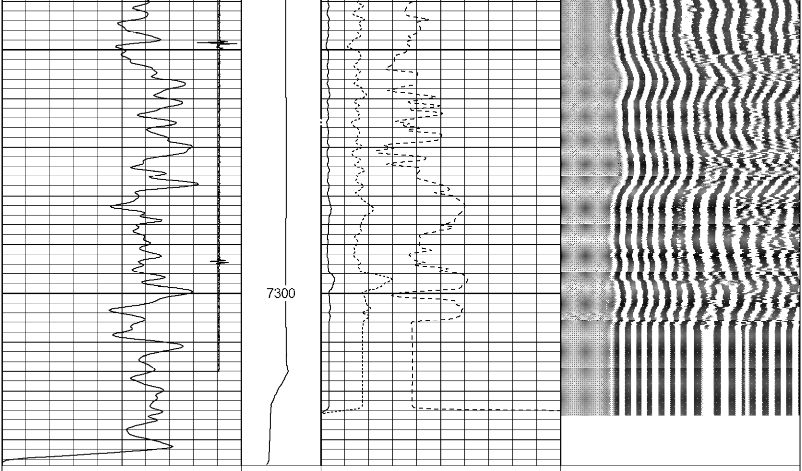
RMWS
ROCKY MOUNTAIN WIRELINE SERVICE

REPEAT PASS

Database File:	c:\warrior\data\mdp 11\040211_bbc_42d.db
Dataset Pathname:	repeat/pass3
Presentation Format:	rmws_dsc
Dataset Creation:	Sat Apr 02 09:49:35 2011 by Log Std Casedhole 07122
Charted by:	Depth in Feet scaled 1:240

14000	Collar Locator	19600	LTEN		0	AMP AMPLITUDE (mV)	20	200	VDL	1200
0	Gamma Ray (GAPI)	150	0	(lb)2000	0	AMPLITUDE (mV)	100			
					380	TRAVEL TIME (usec)	180			





14000	Collar Locator	19600	LTEN		0	AMP AMPLITUDE (mV)	20	200 VDL	1200
0	Gamma Ray (GAPI)	150	0	(lb)2000	0	AMPLITUDE (mV)	100		
					380	TRAVEL TIME (usec)	180		

ROCKY MOUNTAIN WIRELINE SERVICE

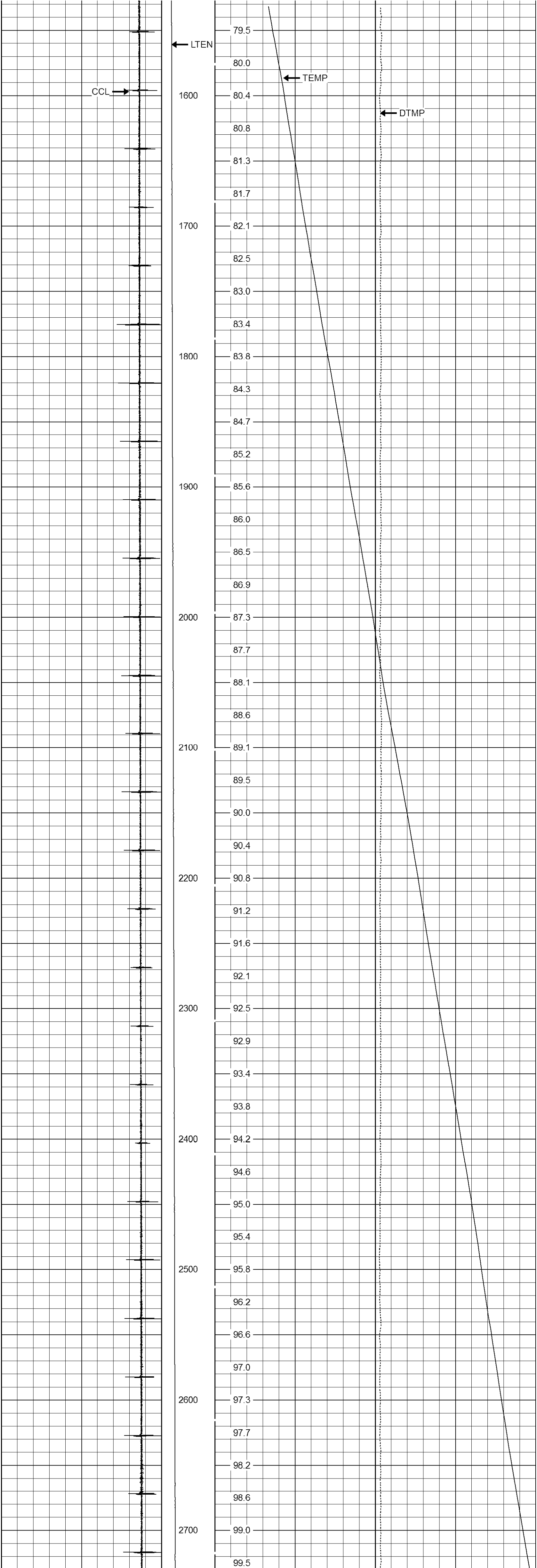
REPEAT PASS

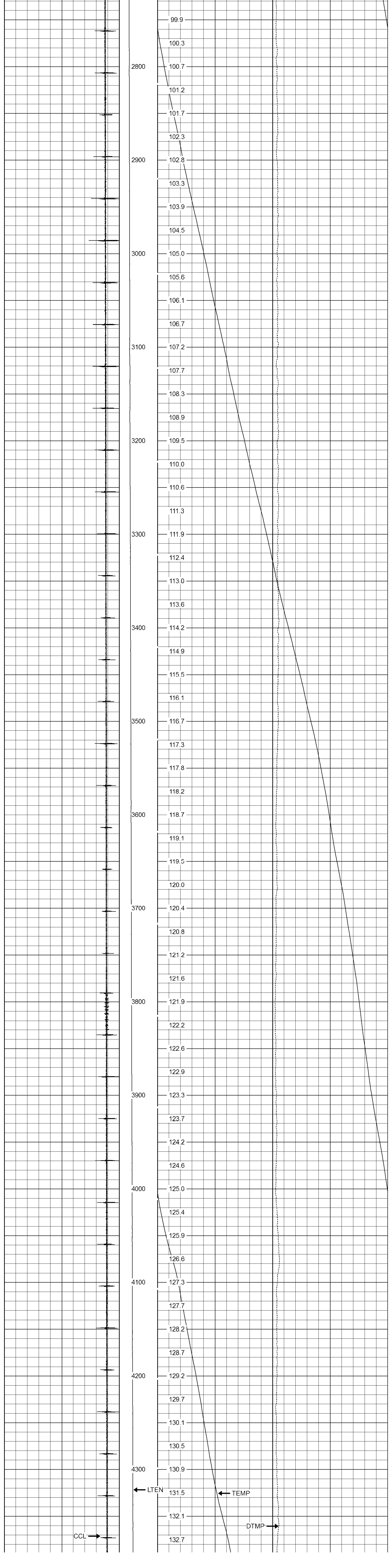
ROCKY MOUNTAIN WIRELINE SERVICE

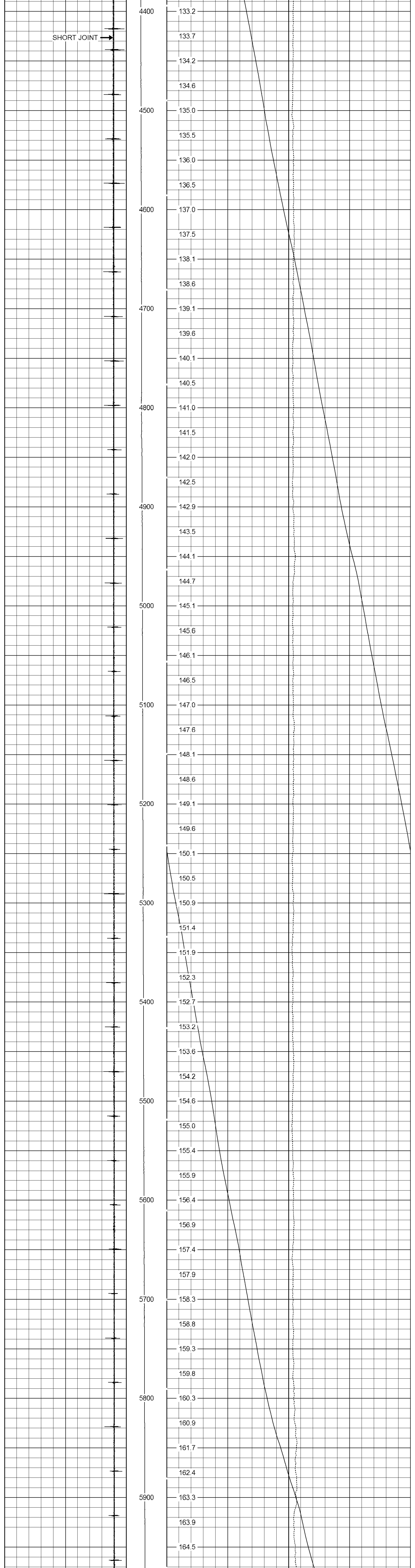
TEMP PASS

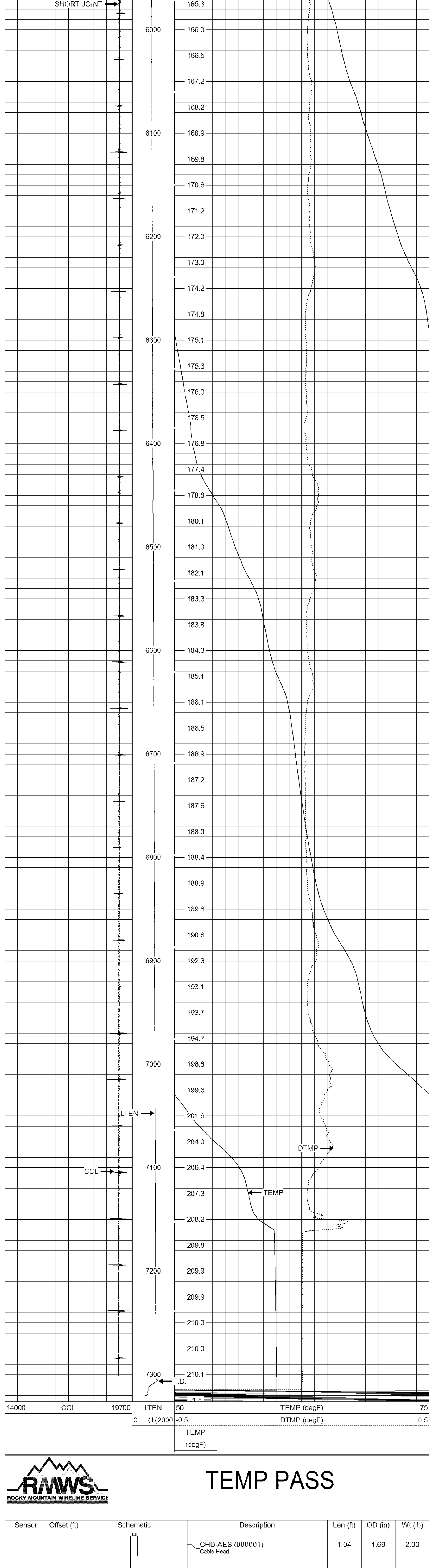
Database File:	c:\warrior\data\mdp 11\040211_bbc_42d.db
Dataset Pathname:	MAIN/pass1
Presentation Format:	rmws_tem
Dataset Creation:	Sat Apr 02 09:55:55 2011 by Log Std Casedhole 07122
Charted by:	Depth in Feet scaled 1:600

14000	CCL	19700	LTEN		50	TEMP (dcgF)	75
			0	(lb)2000	-0.5	DTMP (degF)	0.5
					TEMP (degF)		

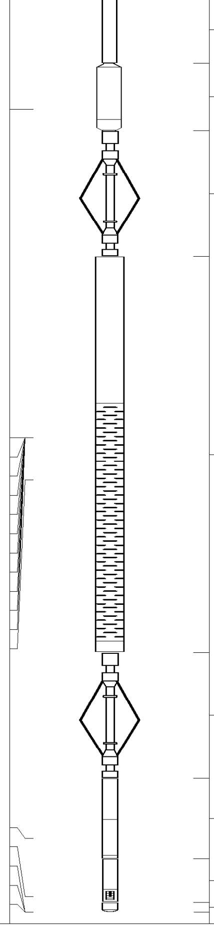








TEMP PASS

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CHD-AES (000001) Cable Head	1.04	1.69	2.00
			XTU-002 (217217) Crossover Ultrawire Toolbus To Ultralink	1.58	1.69	6.50
CCL	19.17		CCL-028 (1037) CCL UW 3 1/8" SONDEX	1.61	3.13	36.00
			PRC-022 (215771) (6 ARM 2 3/8" ROLLER CENTRALIZER SONDEX)	3.00	2.38	21.40
WVF3FT WVFS1 WVFS2 WVFS3 WVFS4 WVFS5 WVFS6 WVFS7 WVFS8 CBLTEMP CBLROT WVF5FT	11.32 11.32 11.32 11.32 11.32 11.32 11.32 11.32 11.32 11.32 11.32 10.32		RBT-004 (1122) Radial Bond Tool (UW 3 1/8)	9.47	3.13	140.00
			PRC-022 (215770) (6 ARM 2 3/8" ROLLER CENTRALIZER SONDEX)	3.00	2.38	21.40
GR	1.76		PGR-020 (AJD00166) Production Gamma Ray	1.93	1.69	9.50
TEMP TSTAMP	0.37 0.00		PRT-016 (217894) 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: 040211_bbc_42d.db: field/well/MAIN/pass1
Total Length: 22.90 ft
Total Weight: 244.00 lb
O.D. 3.13 in

Company	BILL BARRETT CORPORATION
Well	GGU FEDERAL 42D-29-691
Field	GIBSON GULCH
County	GARFIELD
State	COLORADO