ROCKY MOUNTAIN WIRELINE SERVICE

CEMENT BOND LOG
GAMMA RAY / CCL
TEMPERATURE

Company	**BILL BARRETT CORPORATION**		
Well	**GGU FEDERAL 44B-29-691**		
Field	**GIBSON GULCH**		
County	**GARFIELD**	State	**COLORADO**

Location: API # : 05-045-18907
SHL: 0393' FNL & 0260' FWL
BHL: 0490' FSL & 0664' FEL

Other Services
GAUGE RING
3.75"

SEC 33 TWP 6S RGE 91W

Permanent Datum	G.L.	Elevation	6352'	Elevation	K.B. 6375'
Log Measured From	K.B.	Ft Above PD	23'		D.F. 6374'
Drilling Measured From	K.B.				G.L. 6352'

Date	09-09-2010	
Run Number	ONE	
Depth Driller	7800'	
Present Depth Driller	7748'	
Depth Logger	7748'	
Bottom Logged Interval	7748'	
Top Log Interval	1700'	
Fluid Level	SURFACE	
Type Fluid	WATER	
Max. Recorded Temp.	208.5°	
Estimated Cement Top	2900'	
Equipment Number	216	
Location	GRAND JCT.	
Recorded By	ESCANERO	HARRIS
Witnessed By	MR. BEAUXIS	

	Borehole Record			Casing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	8.750"	829'	5585'	9.625"	36#	SURFACE	829'
TWO	7.875"	5585'	7800'	4.5"	11.6#	SURFACE	7800'

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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 USING A WEATHERFORD NEUTRON LOG DATED 08-17-10
NOTE: 5" = 100'
CSG PSI = 0
SHORT JOINTS ARE AT 6550' TO 6571' AND 5137' TO 5157'

Calibration Report

Database File: E:\BARRETT\090910_bbc_federal_44b_29_691.db
Dataset Pathname: MAIN/pass1
Dataset Creation: Thu Sep 09 12:53:09 2010 by Log Std Casedhole 07122

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:	217693	
Tool Model:	020	
Performed:	Fri Aug 13 13:30:28 2010	
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:	145.904	ft

Master Calibration, performed Thu Sep 09 11:22:02 2010:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3FT	0.007	0.733	0.000	81.196	111.852	-0.808
5FT	-0.001	0.869	0.000	81.196	93.326	0.092
S1	0.021	0.794	0.000	100.000	129.312	-2.666
S2	0.011	0.750	0.000	100.000	135.287	-1.486
S3	0.015	0.694	0.000	100.000	147.357	-2.230
S4	0.011	0.692	0.000	100.000	146.845	-1.610
S5	0.017	0.713	0.000	100.000	143.689	-2.505
S6	0.008	0.748	0.000	100.000	135.200	-1.101
S7	0.012	0.759	0.000	100.000	133.828	-1.639
S8	0.017	0.774	0.000	100.000	131.953	-2.187

Calibration Report

Serial Number: 1123
Tool Model: 004
Performed:

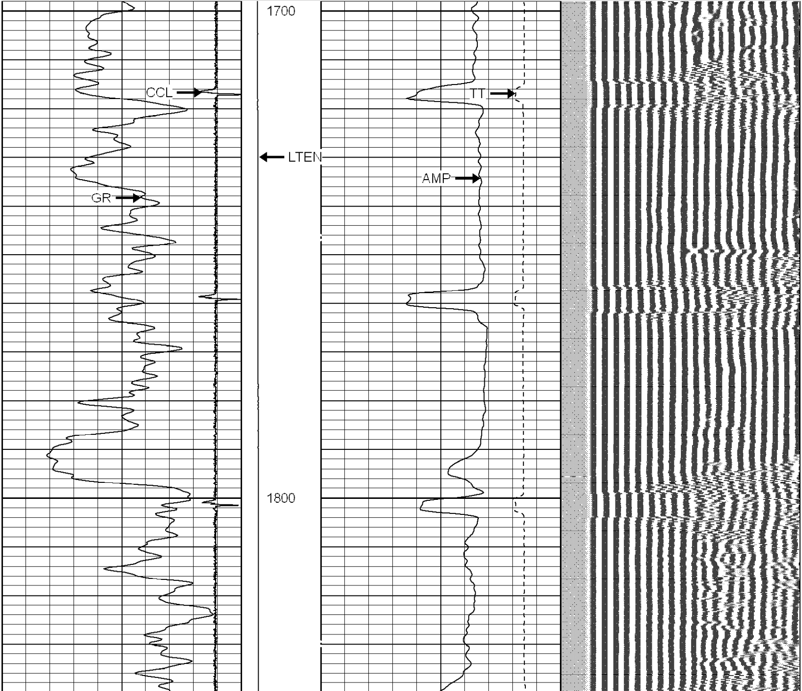
	Reference (degF)	Reading ()
Low:	0.000	0.000
High:	1.000	1.000
	Gain = 1.000	Offset= 0.000

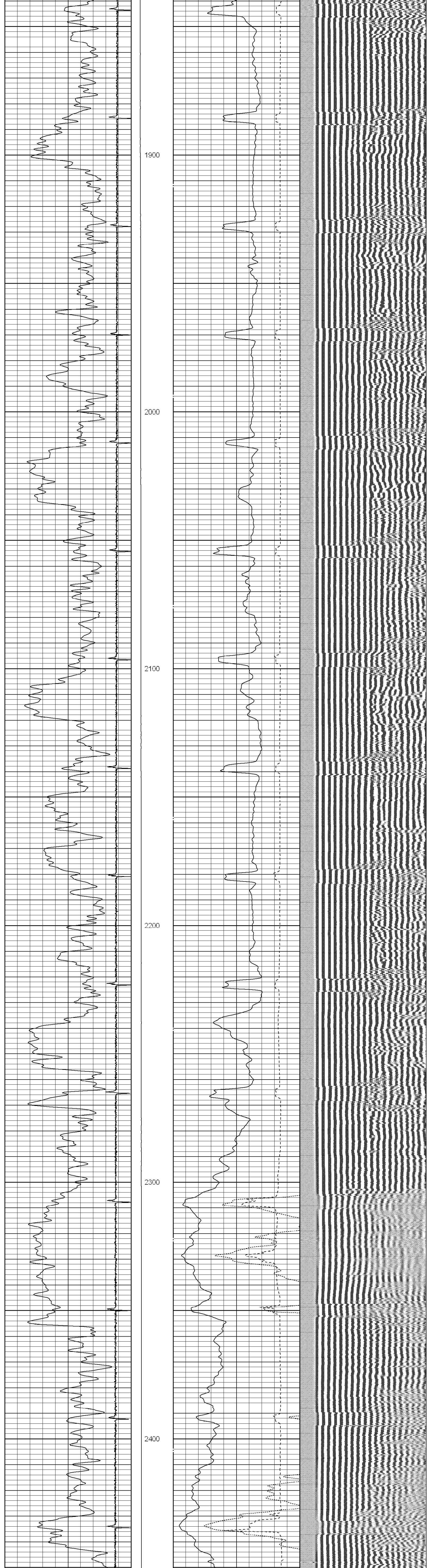
ROCKY MOUNTAIN WIRELINE SERVICE

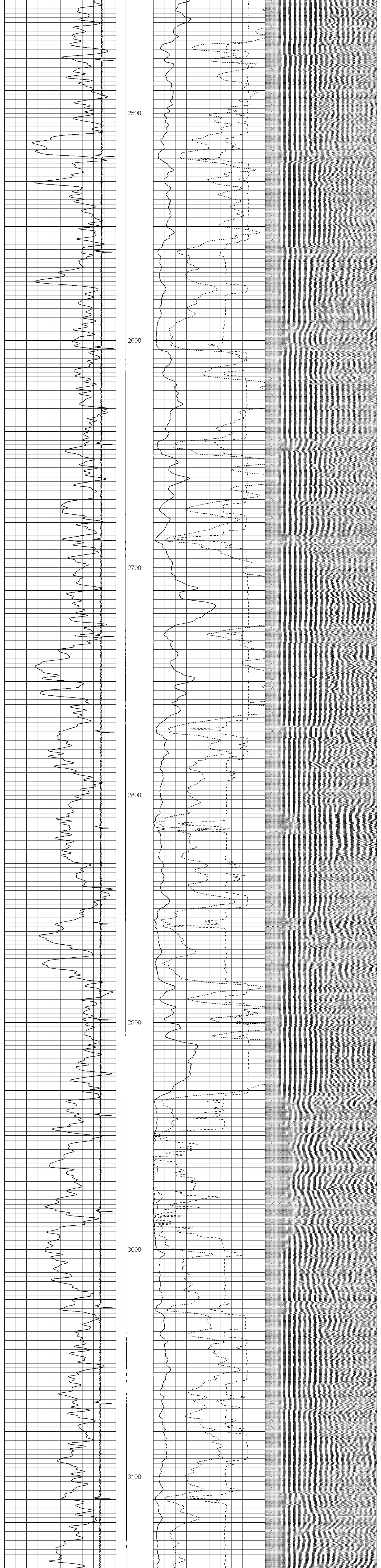
MAIN PASS

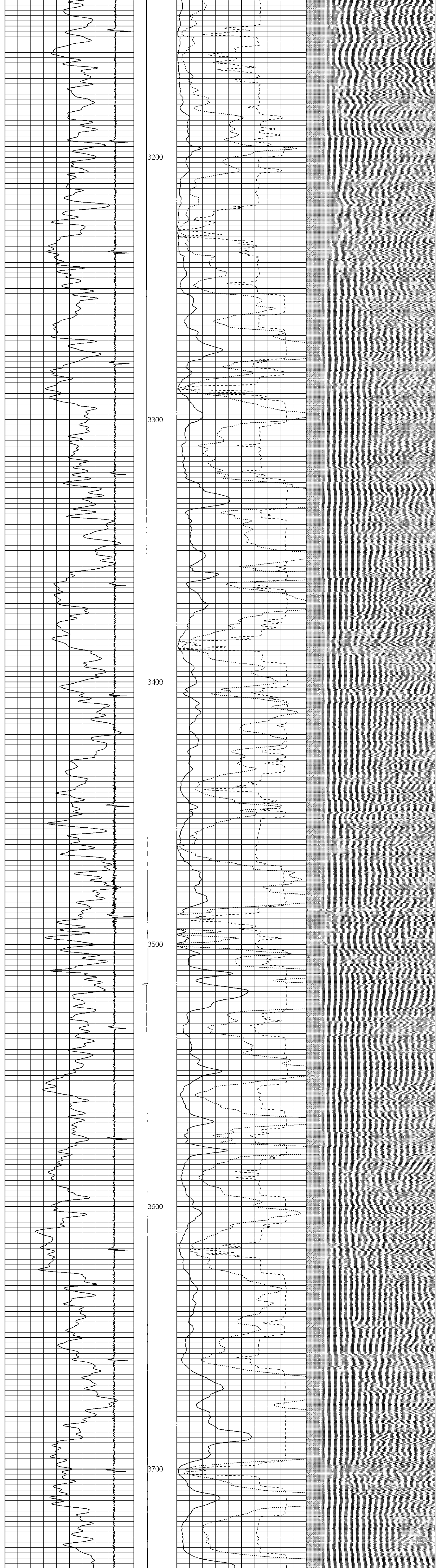
Database File: e:\barrett\090910_bbc_federal_44b_29_691.db
Dataset Pathname: MAIN/pass1
Presentation Format: rmws_dsc
Dataset Creation: Thu Sep 09 12:53:09 2010 by Log Std Casedhole 07122
Charted by: Depth in Feet scaled 1:240

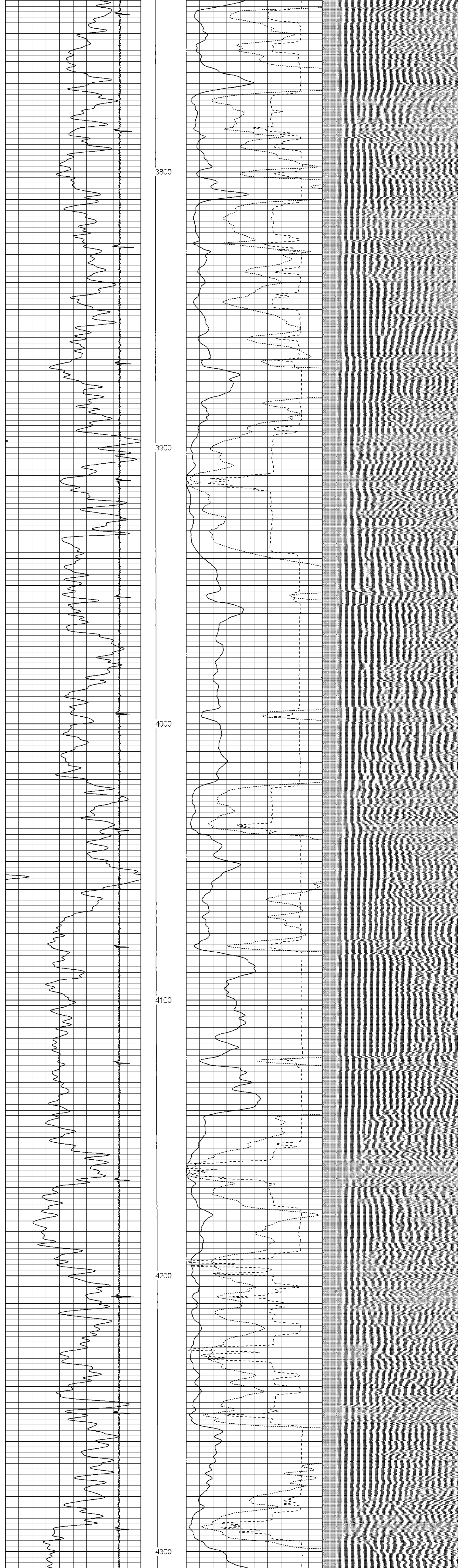
20000 Collar Locator 17480	LTEN	0 AMP AMPLITUDE (mV) 20	200 VDL 1200
0 Gamma Ray (GAPI) 150	0 (lb)2000	0 AMPLITUDE (mV) 100	
		380 TRAVEL TIME (usec) 180	

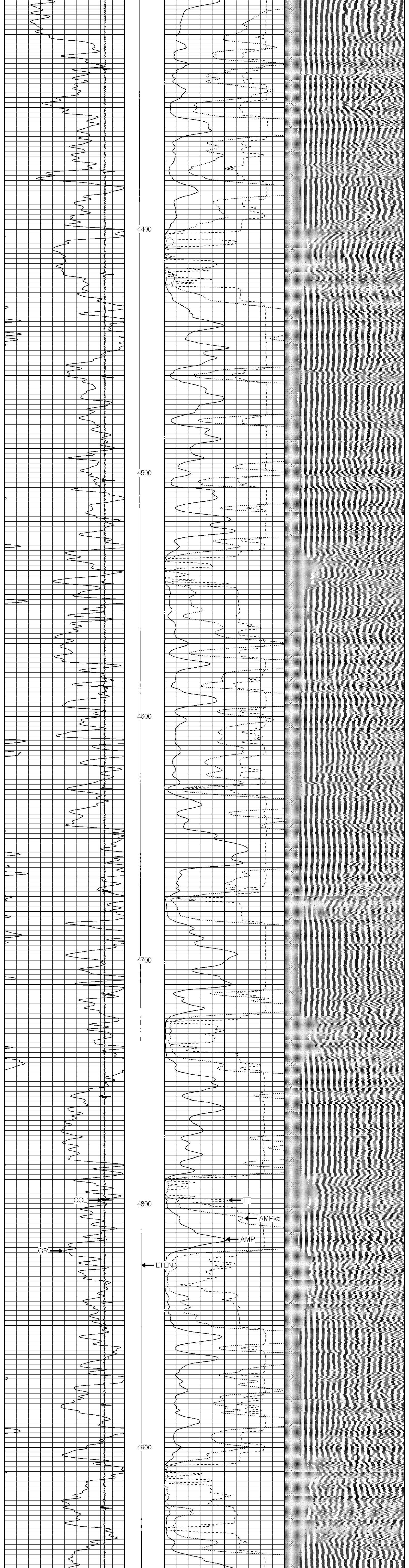


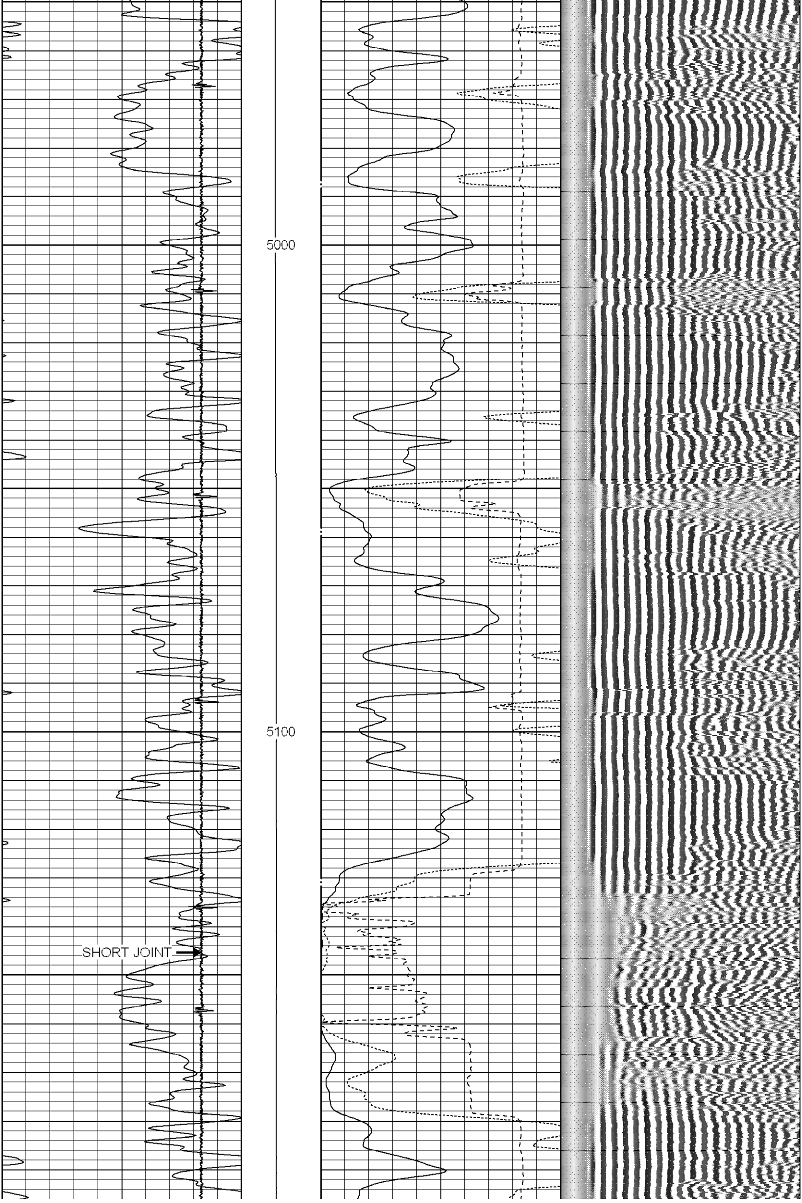


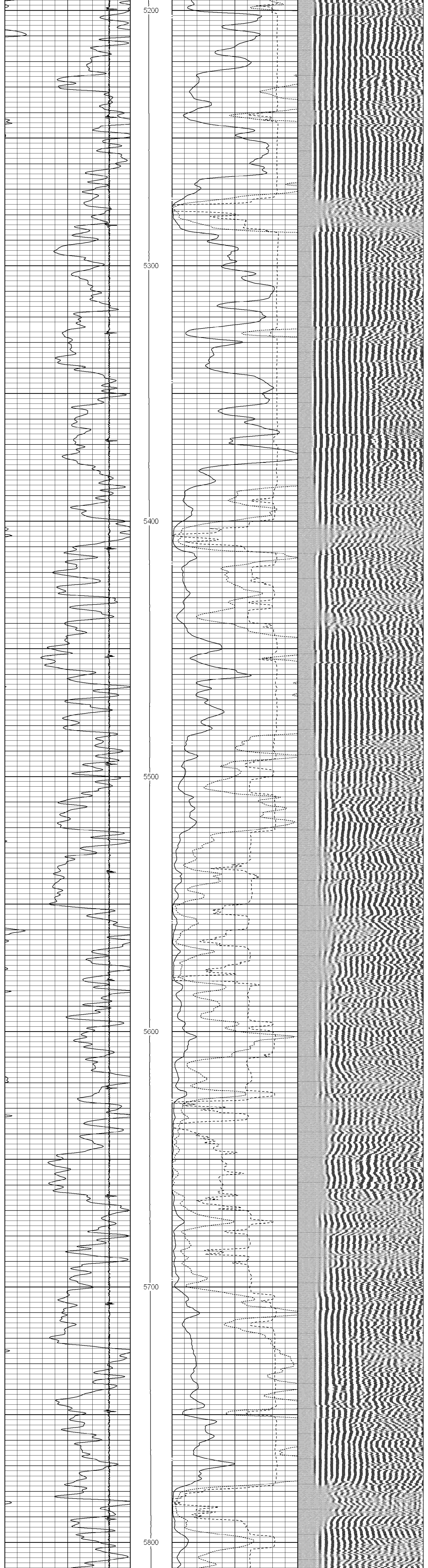


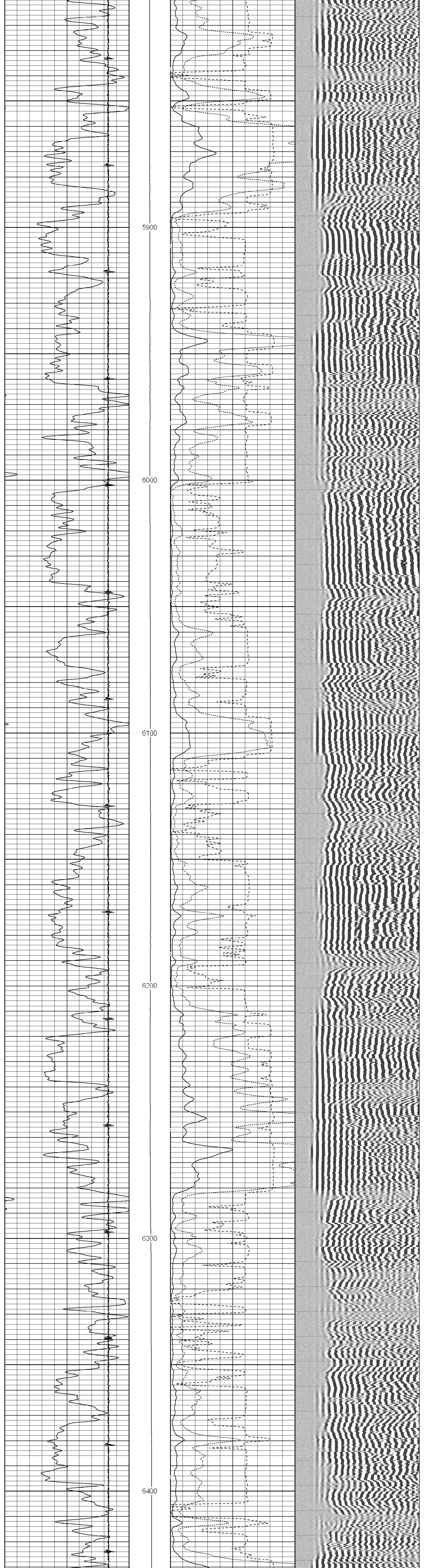


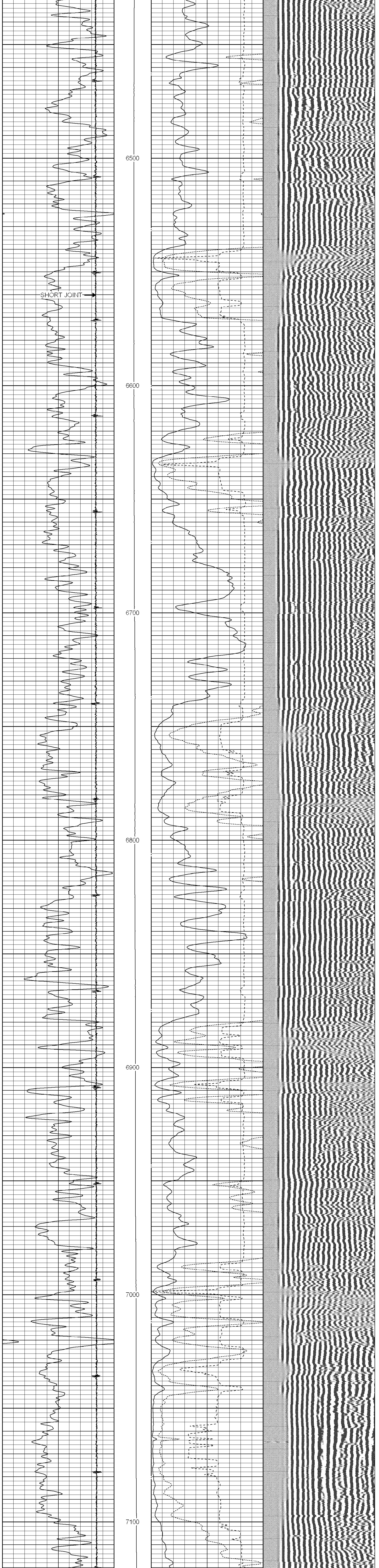


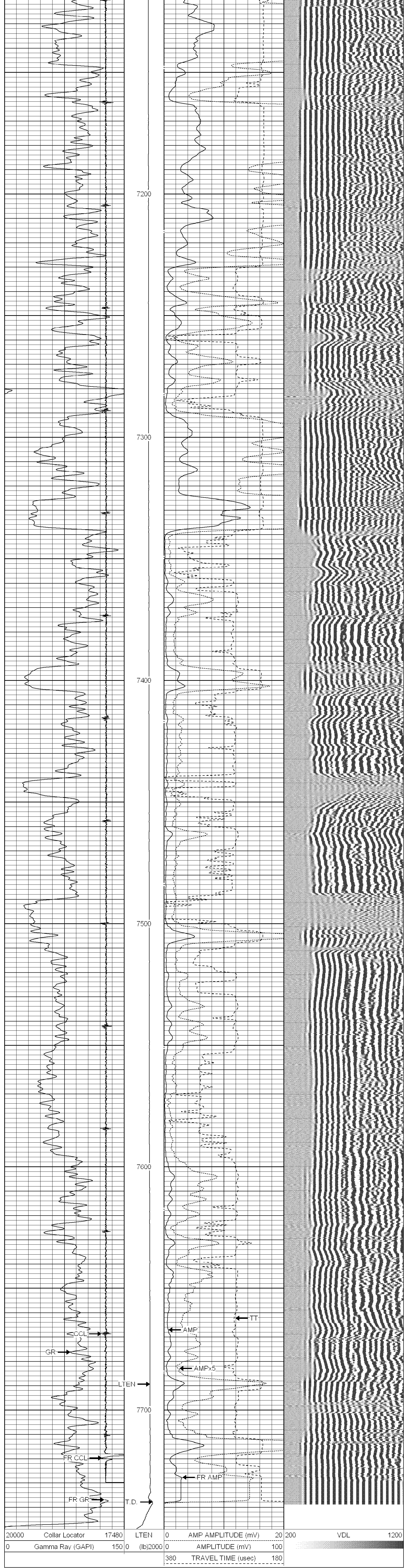












RMWS
ROCKY MOUNTAIN WIRELINE SERVICE

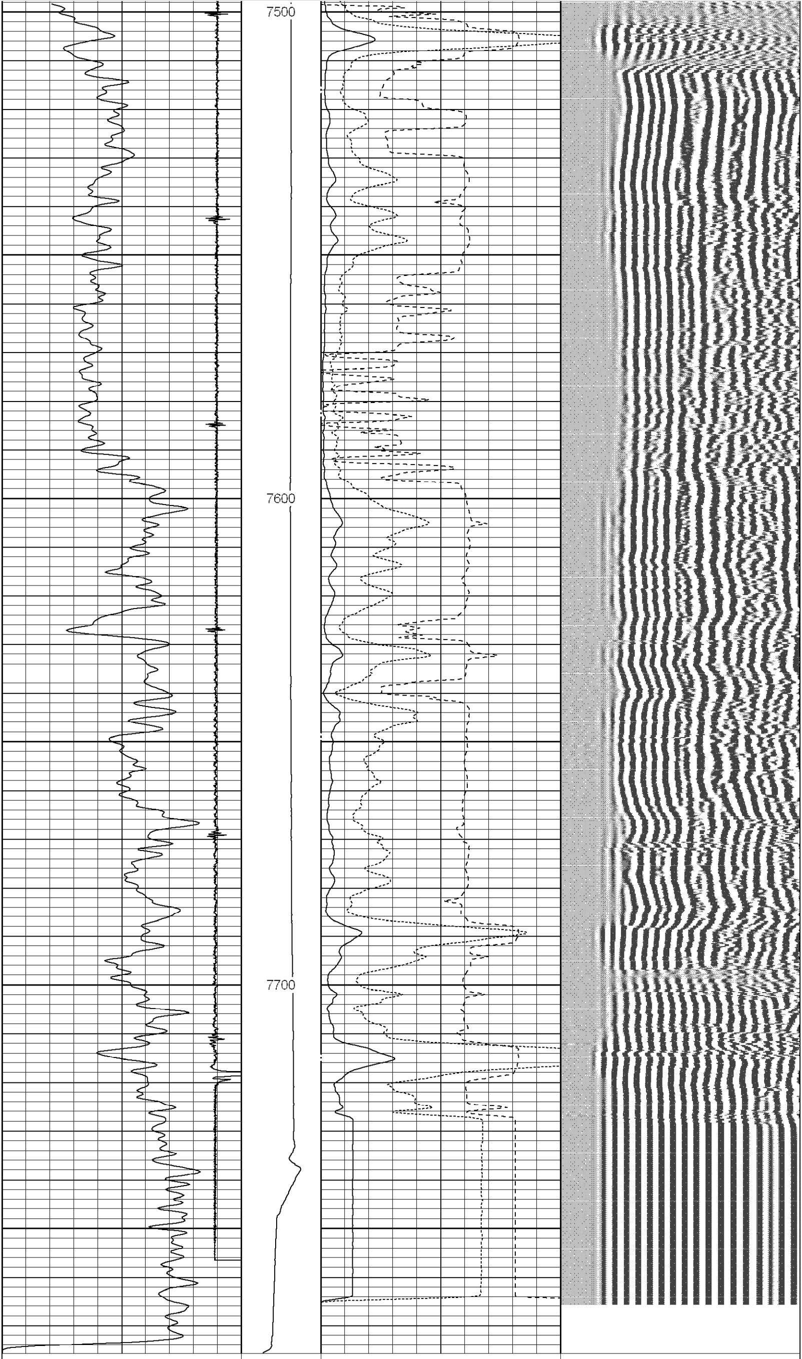
MAIN PASS

RMWS
ROCKY MOUNTAIN WIRELINE SERVICE

REPEAT PASS

Database File: e:\barrett\090910_bbc_federal_44b_29_691.db
Dataset Pathname: REPEAT/pass1
Presentation Format: rmws_dsc
Dataset Creation: Thu Sep 09 12:46:30 2010 by Log Std Casedhole 07122
Charted by: Depth in Feet scaled 1:240

20000	Collar Locator	17640	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			



20000	Collar Locator	17640	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
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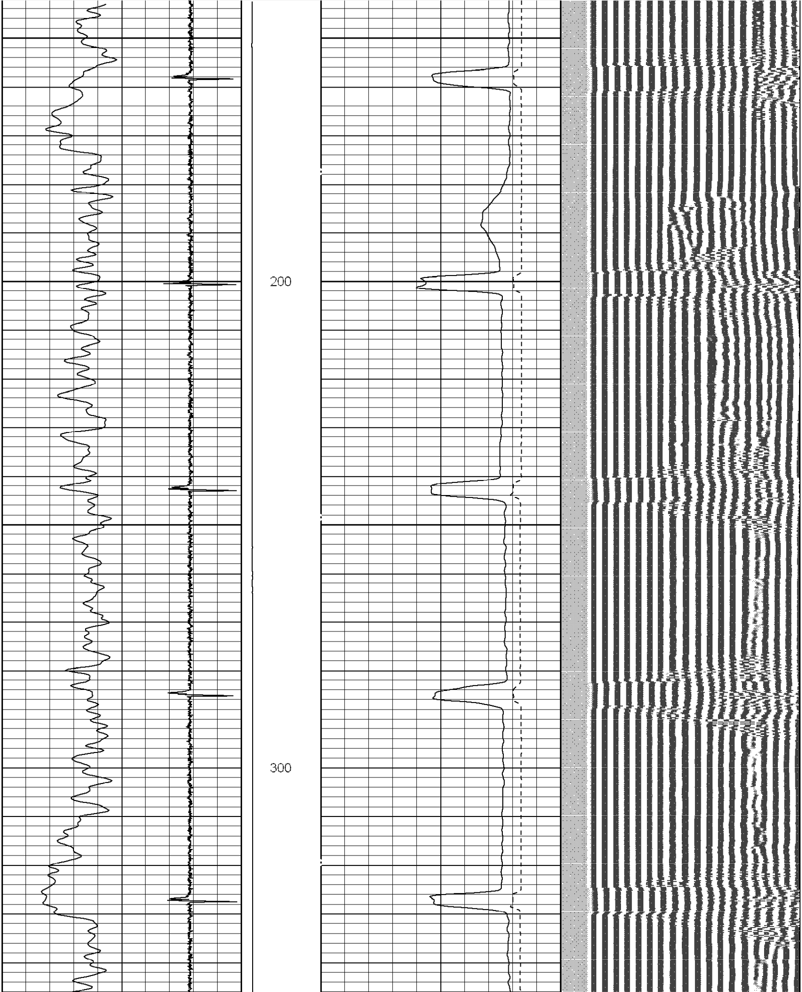
REPEAT PASS

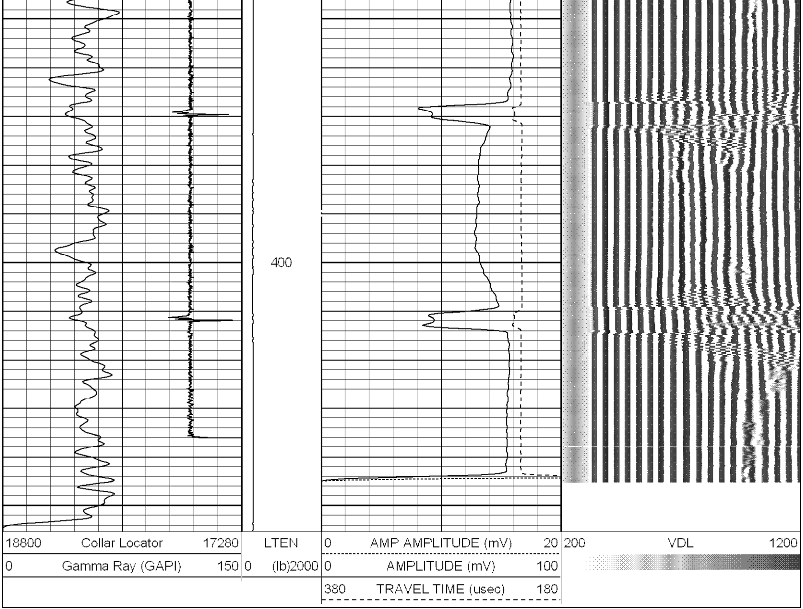
RMWS
ROCKY MOUNTAIN WIRELINE SERVICE

FREE PIPE PASS

Database File: e:\barrett\090910_bbc_federal_44b_29_691.db
Dataset Pathname: FREE/pass1
Presentation Format: rmws_dsc
Dataset Creation: Thu Sep 09 11:25:49 2010 by Log Std Casedhole 07122
Charted by: Depth in Feet scaled 1:240

18800	Collar Locator	17280	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			





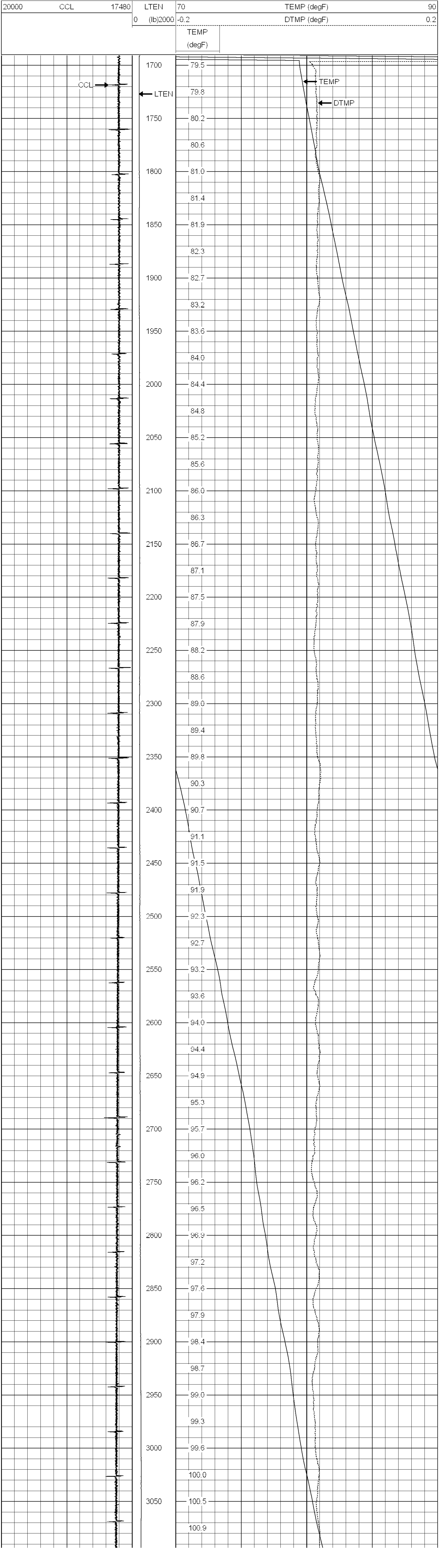
RMWS
ROCKY MOUNTAIN WIRELINE SERVICE

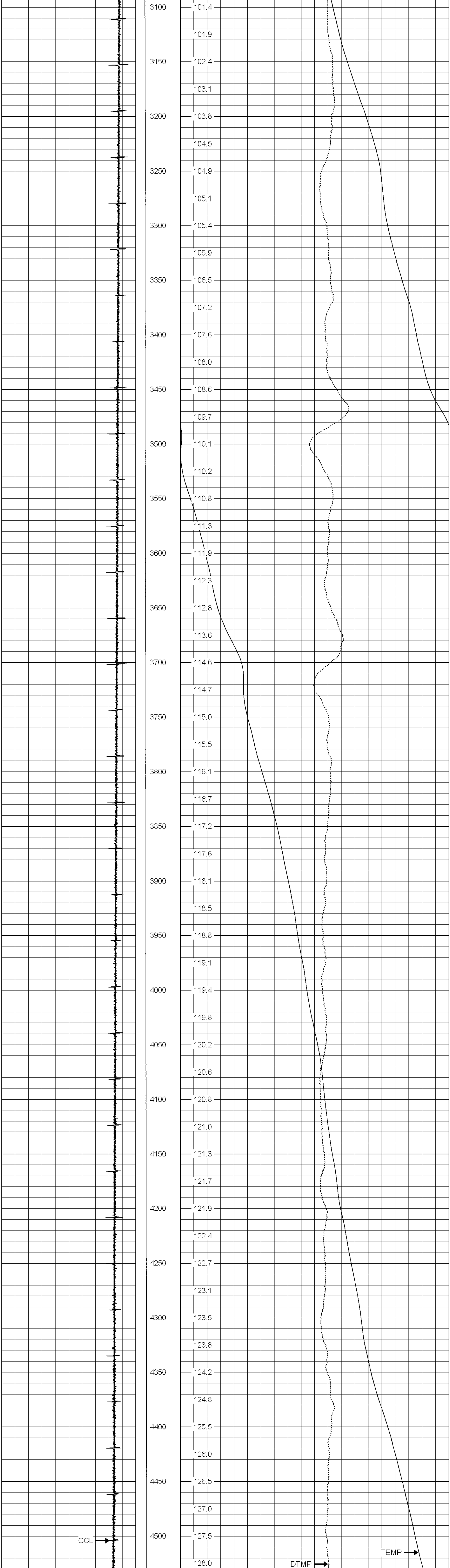
FREE PIPE PASS

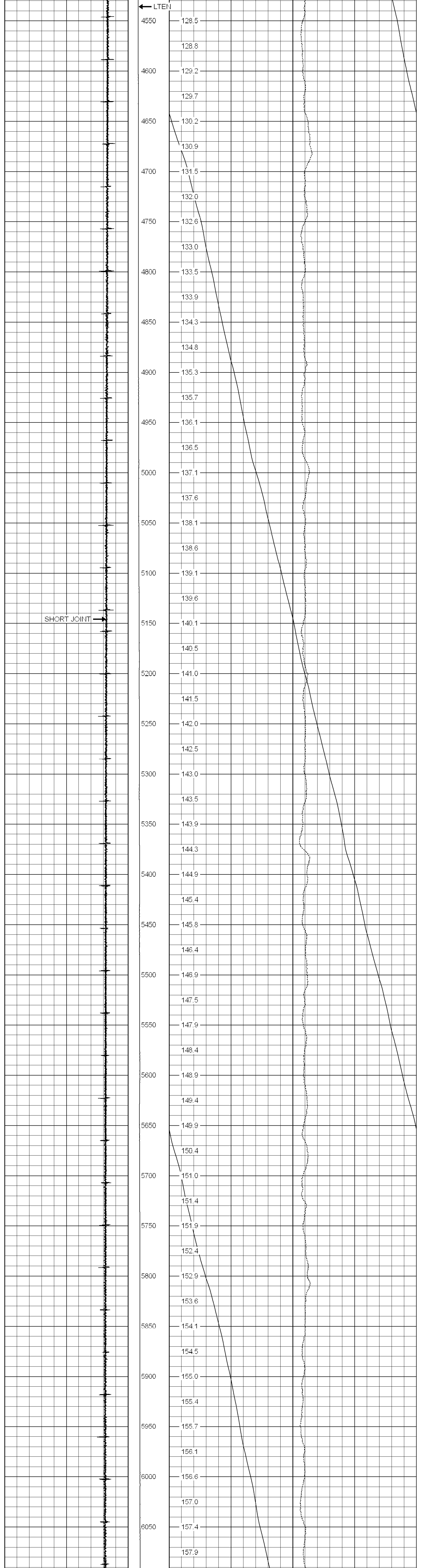
RMWS
ROCKY MOUNTAIN WIRELINE SERVICE

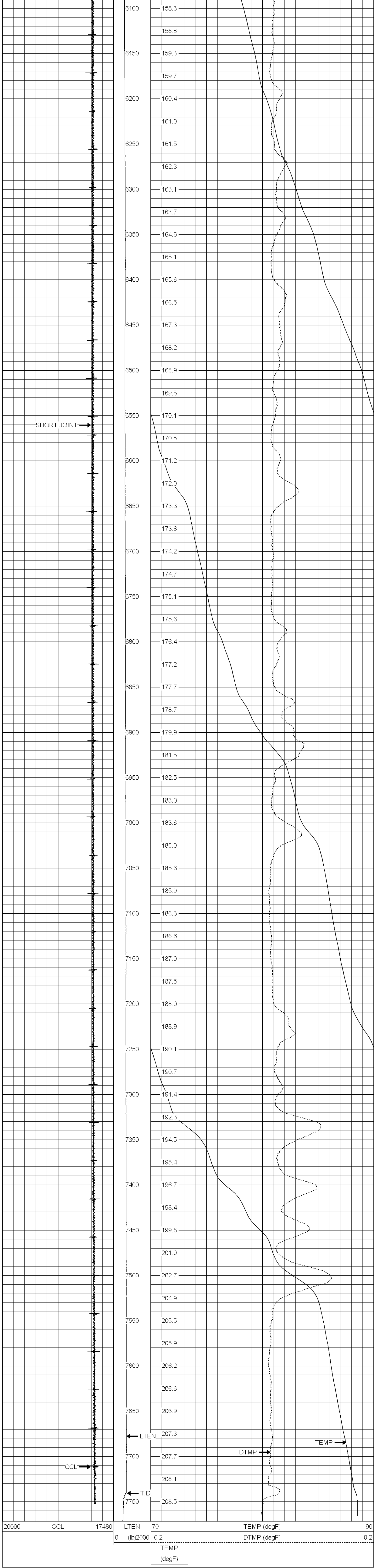
TEMP PASS

Database File:	e:\barrett\090910_bbc_federal_44b_29_691.db
Dataset Pathname:	TEMP/pass1
Presentation Format:	rmws_temp
Dataset Creation:	Thu Sep 09 11:45:01 2010 by Log Std Casedhole 07122
Charted by:	Depth in Feet scaled 1:600



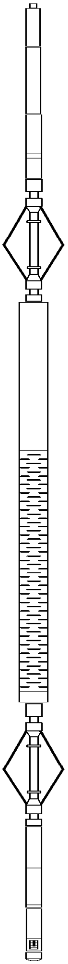






ROCKY MOUNTAIN WIRELINE SERVICE

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 (217219) Crossover Ultrawire Toolbus To Ultralink	1.58	1.69	6.50
CCL	19.00		CCL-015 (214436) Casing Collar Locator	1.54	1.69	9.00
			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 (217693) Production Gamma Ray	1.93	1.69	9.50
TEMP	0.37		PRT-016 (217894) Platinum Resistance Thermometer	1.04	1.69	6.00
TSTAMP ITEMPX HVOLTX	0.00 0.00 0.00		BUL-006 (212965) Bullnose Terminator	0.22	1.69	1.20

Dataset:	090910_bbc_federal_44b_29_691.db: field/well/MAIN/pass1
Total Length:	22.62 ft
Total Weight:	242.20 lb
O.D.	3.13 in

ROCKY MOUNTAIN WIRELINE SERVICE

Company	BILL BARRETT CORPORATION
Well	GGU FEDERAL 44B-29-691
Field	GIBSON GULCH
County	GARFIELD
State	COLORADO