ROCKY MOUNTAIN WIRELINE SERVICE

CEMENT BOND LOG
GAMMA RAY / CCL
TEMPERATURE

Company	BILL BARRETT CORPORATION		
Well	GGU FEDERAL 44A-29-691		
Field	GIBSON GULCH		
County	GARFIELD	State	COLORADO
Location:	API # : 05-045-18882 SHL: 0409' FNL & 0256' FWL BHL: 0165' FSL & 0664' FEL SEC 33 TWP 6S RGE 91W	Other Services	GAUGE RING 3.75"

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	09-08-2010		
Run Number	ONE		
Depth Driller	7775'		
Present Depth Driller	7716'		
Depth Logger	7716'		
Bottom Logged Interval	7716'		
Top Log Interval	2300'		
Fluid Level	SURFACE		
Type Fluid	WATER		
Max. Recorded Temp.	219.3°		
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"	820'	5680'	9.625"	36#	SURFACE	820'
TWO	7.875"	5680'	7775'	4.5"	11.6#	SURFACE	7775'

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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 08-12-10
NOTE: 5" = 100'
CSG PSI = 0
SHORT JOINTS ARE AT 6615' TO 6637' AND 5597' TO 5617'

Calibration Report

Database File: E:\BARRETT\090810bbc_federal_44A_29_691.db
Dataset Pathname: MAIN/pass1.1
Dataset Creation: Thu Sep 09 11:36:32 2010

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:	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:	1122	
Tool Model:	004	
Calibration Casing Diameter:	4.500	in
Calibration Depth:	219.871	ft

Master Calibration, performed Wed Sep 08 20:53:12 2010:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3FT	0.034	0.933	0.000	81.196	90.347	1.000
5FT	0.020	0.992	0.000	81.196	83.543	-1.706
S1	0.030	0.983	0.000	100.000	104.940	-3.147
S2	0.029	1.011	0.000	100.000	101.867	-2.946
S3	0.028	0.957	0.000	100.000	107.650	-3.029
S4	0.027	0.939	0.000	100.000	109.694	-2.973
S5	0.029	0.914	0.000	100.000	112.951	-3.283
S6	0.028	0.907	0.000	100.000	113.726	-3.205
S7	0.030	0.924	0.000	100.000	111.849	-3.319
S8	0.029	0.960	0.000	100.000	107.386	-3.108

Calibration Report

Serial Number: 1122
Tool Model: 004
Performed:

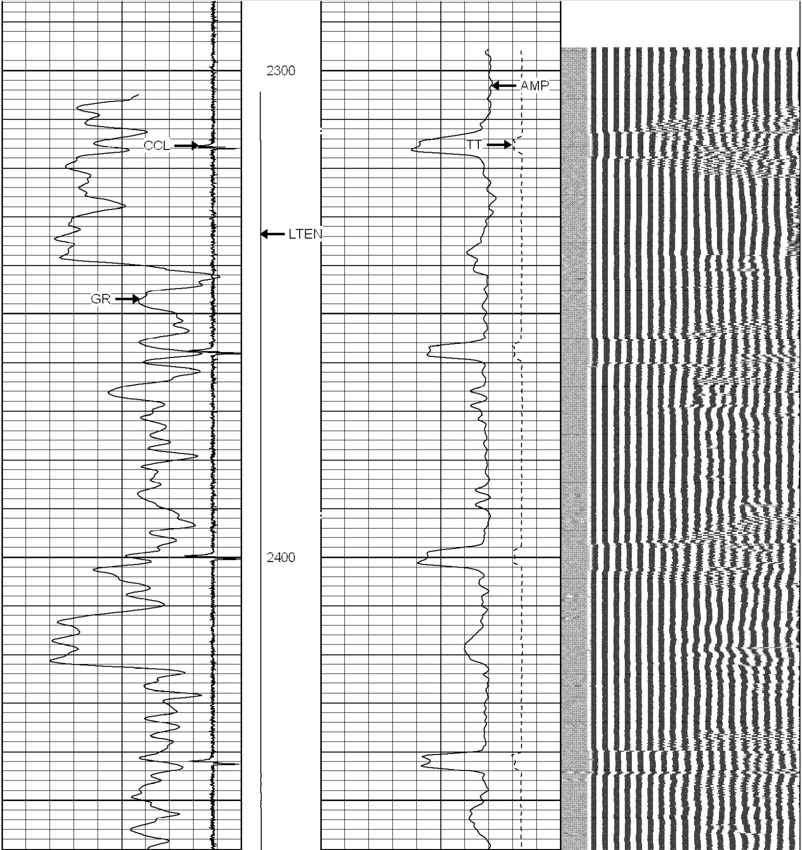
	Reference (degF)	Reading ()
Low:	0.000	0.000
High:	1.000	1.000
	Gain = 1.000	Offset= 0.000

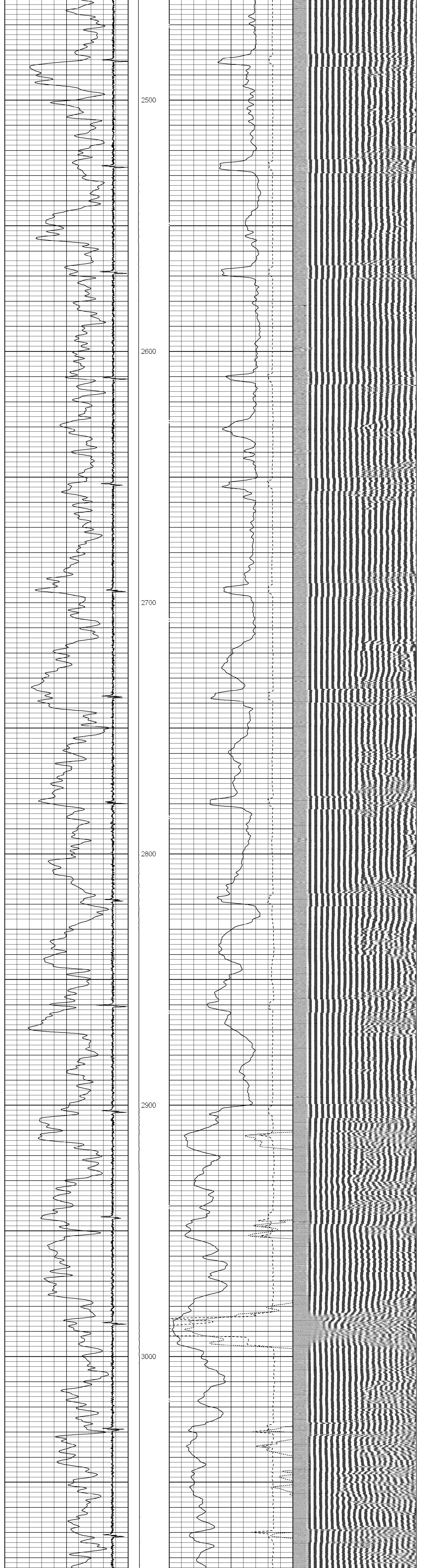
ROCKY MOUNTAIN WIRELINE SERVICE

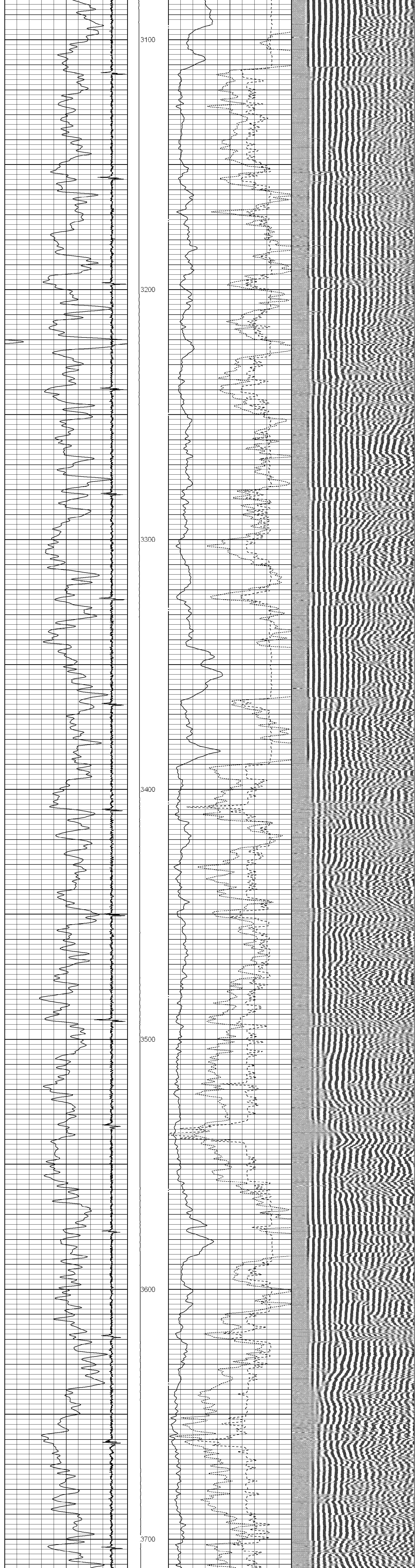
MAIN PASS

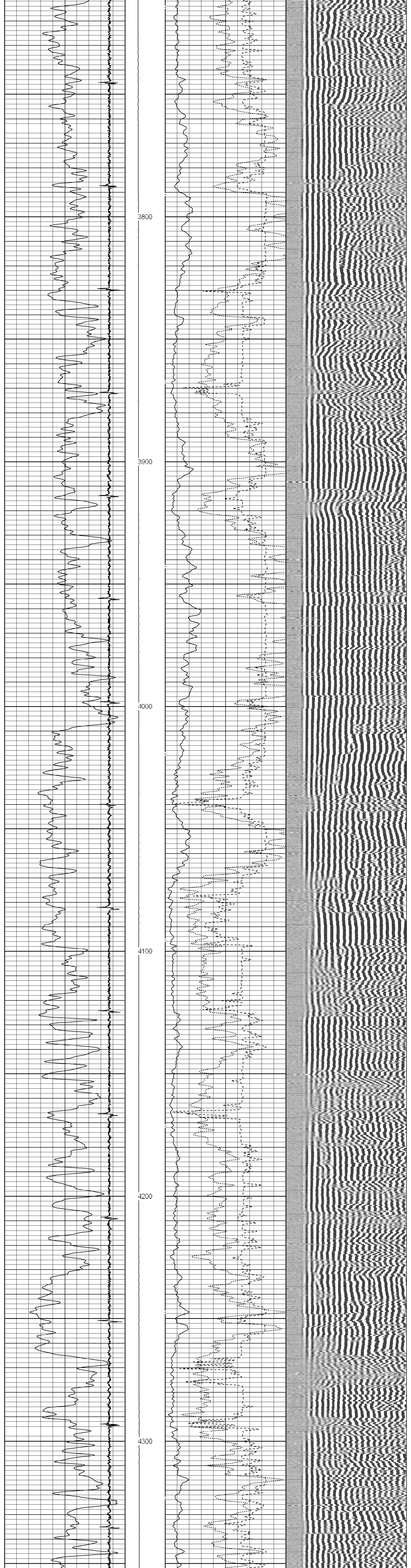
Database File: e:\barrett\090810bbc_federal_44a_29_691.db
Dataset Pathname: MAIN/pass1.1
Presentation Format: rmws_dsc
Dataset Creation: Thu Sep 09 11:36:32 2010
Charted by: Depth in Feet scaled 1:240

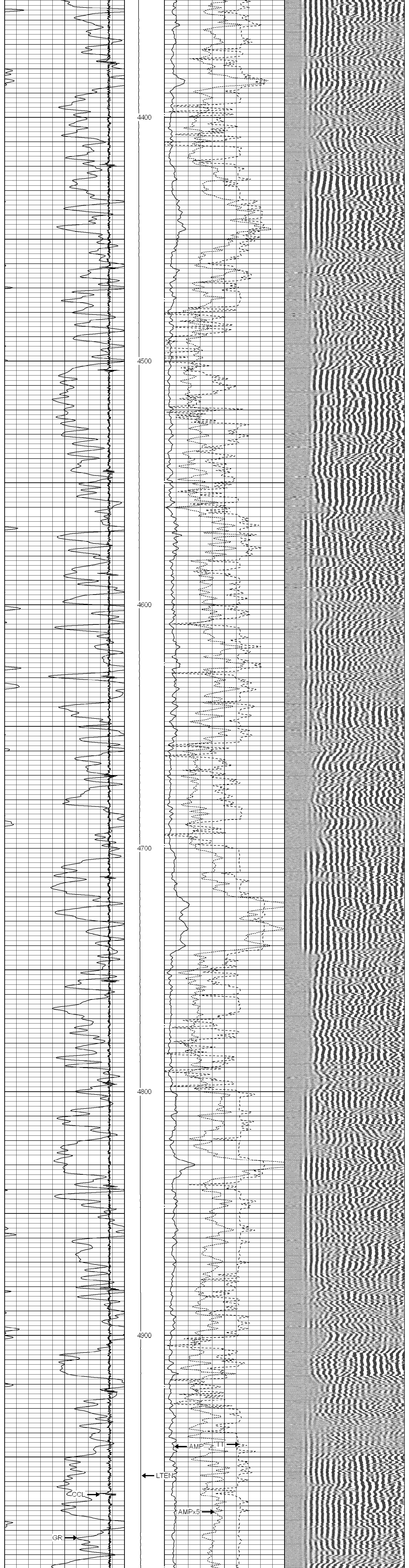
18800 Collar Locator 17280	LTEN	0 AMP AMPLITUDE (mV) 20	200 VDL 1200
0 Gamma Ray (GAPI) 150	0 (lb)2000	0 AMPLITUDE (mV) 100	
		380 TRAVEL TIME (usec) 180	

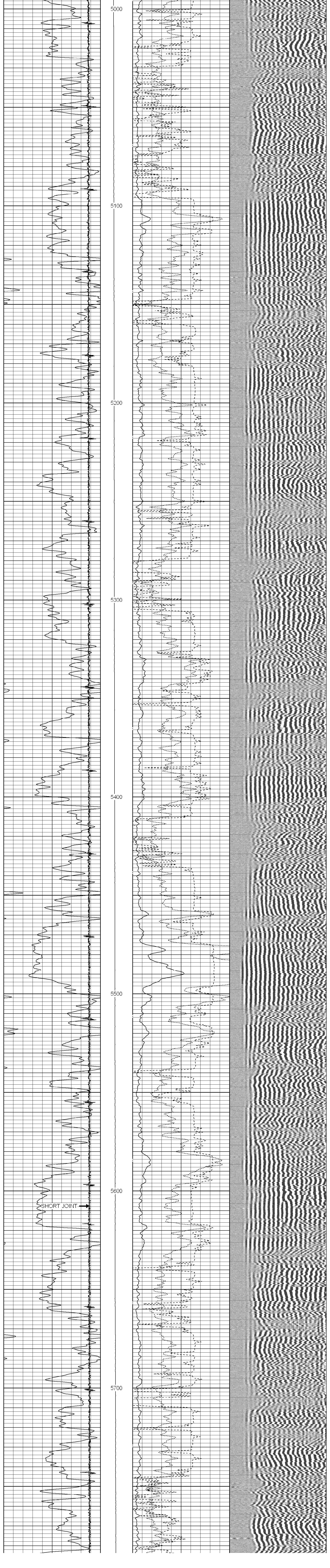


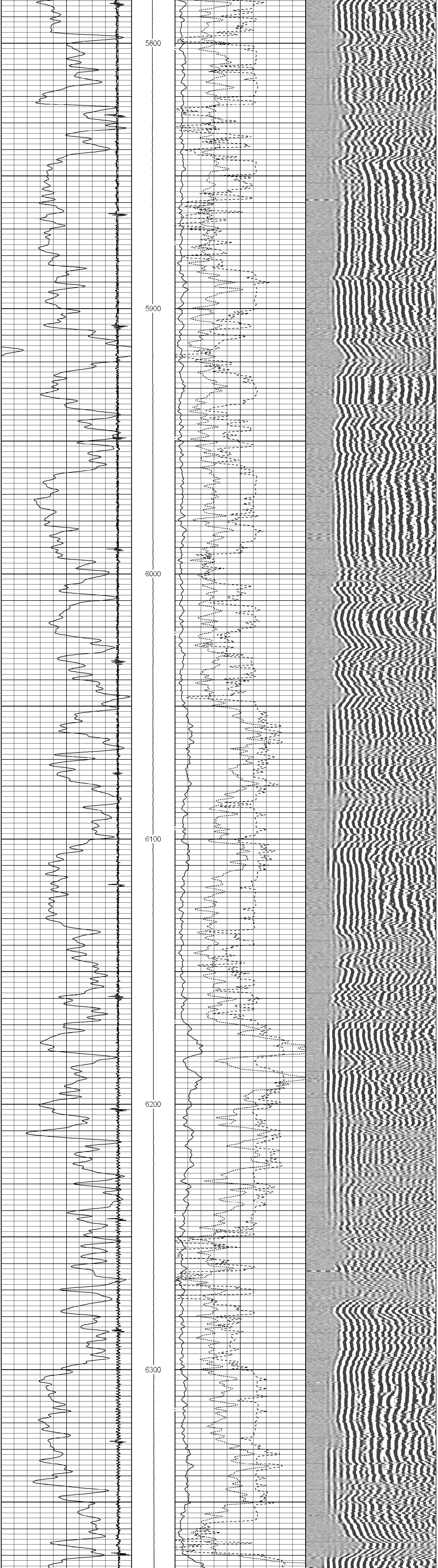


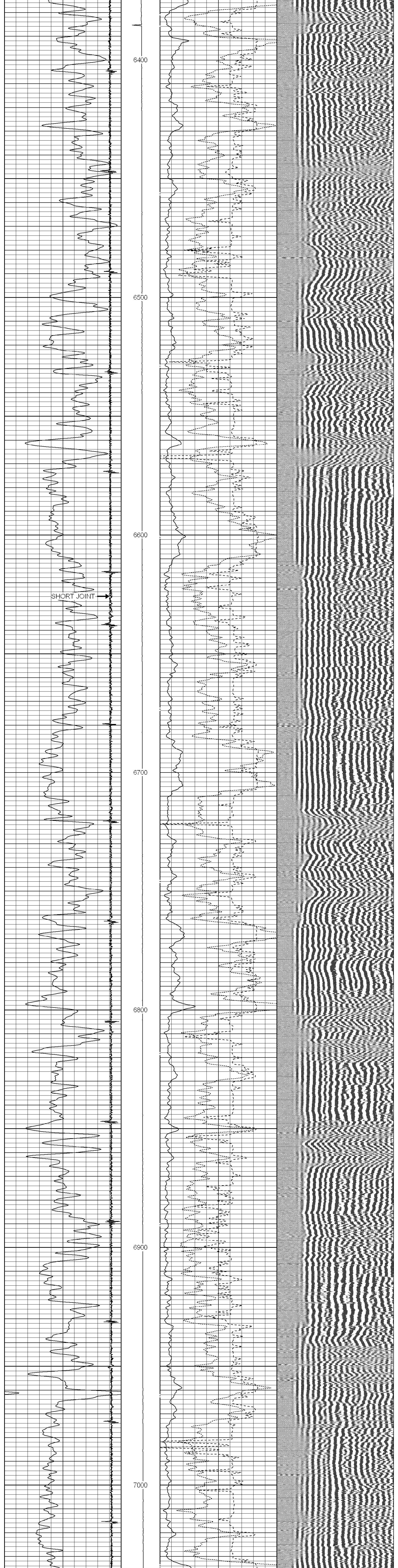


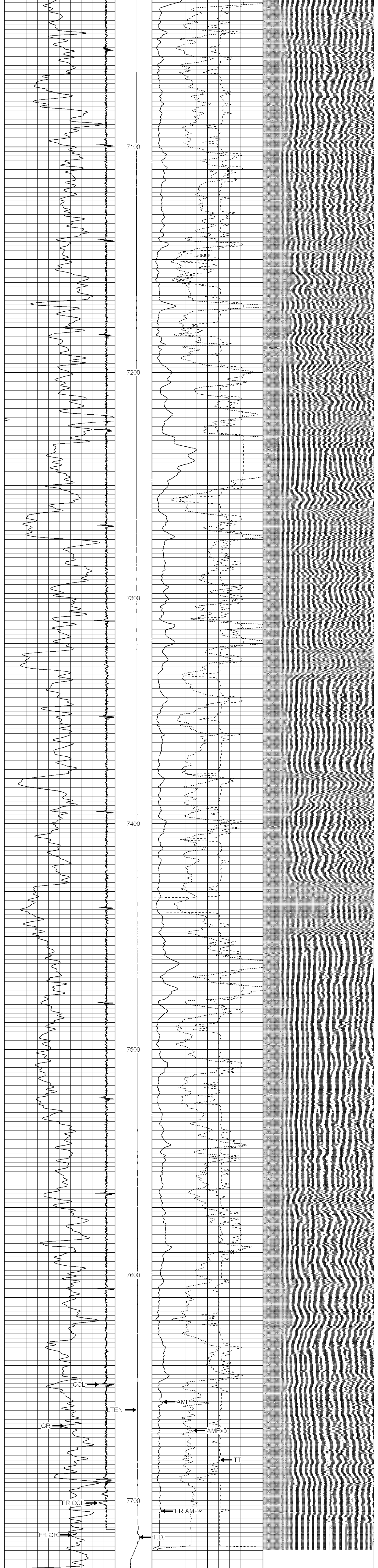


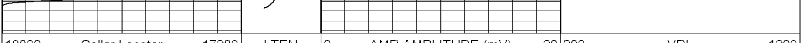












18800 Collar Locator 17280	LTEN	0 AMP AMPLITUDE (mV) 20	200 VDL 1200
0 Gamma Ray (GAPI) 150	0 (lb)2000	0 AMPLITUDE (mV) 100	
		380 TRAVEL TIME (usec) 180	

RMWS
ROCKY MOUNTAIN WIRELINE SERVICE

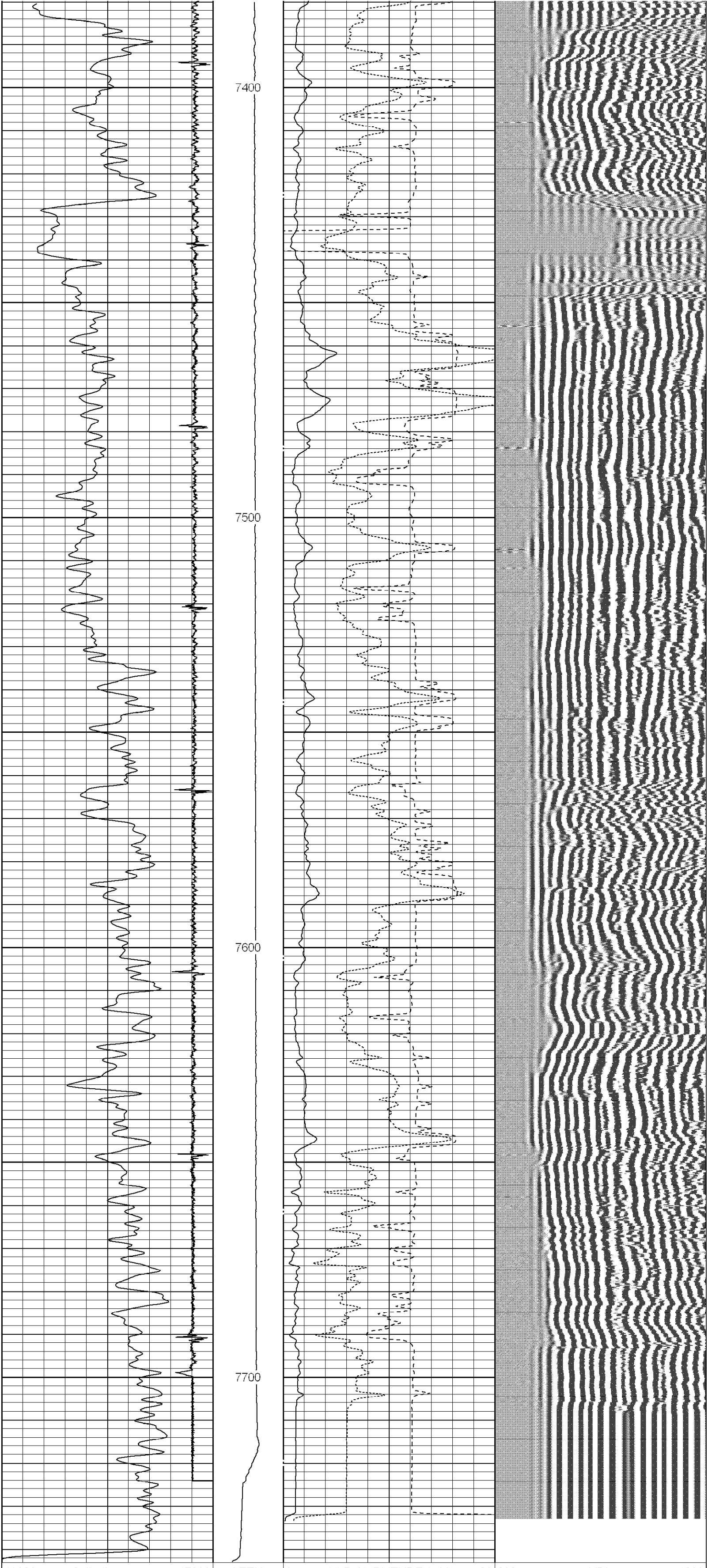
MAIN PASS

RMWS
ROCKY MOUNTAIN WIRELINE SERVICE

REPEAT PASS

Database File: e:\barrett\090810bbc_federal_44a_29_691.db
Dataset Pathname: TEMP/pass2
Presentation Format: rmws_dsc
Dataset Creation: Wed Sep 08 21:38:33 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	



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

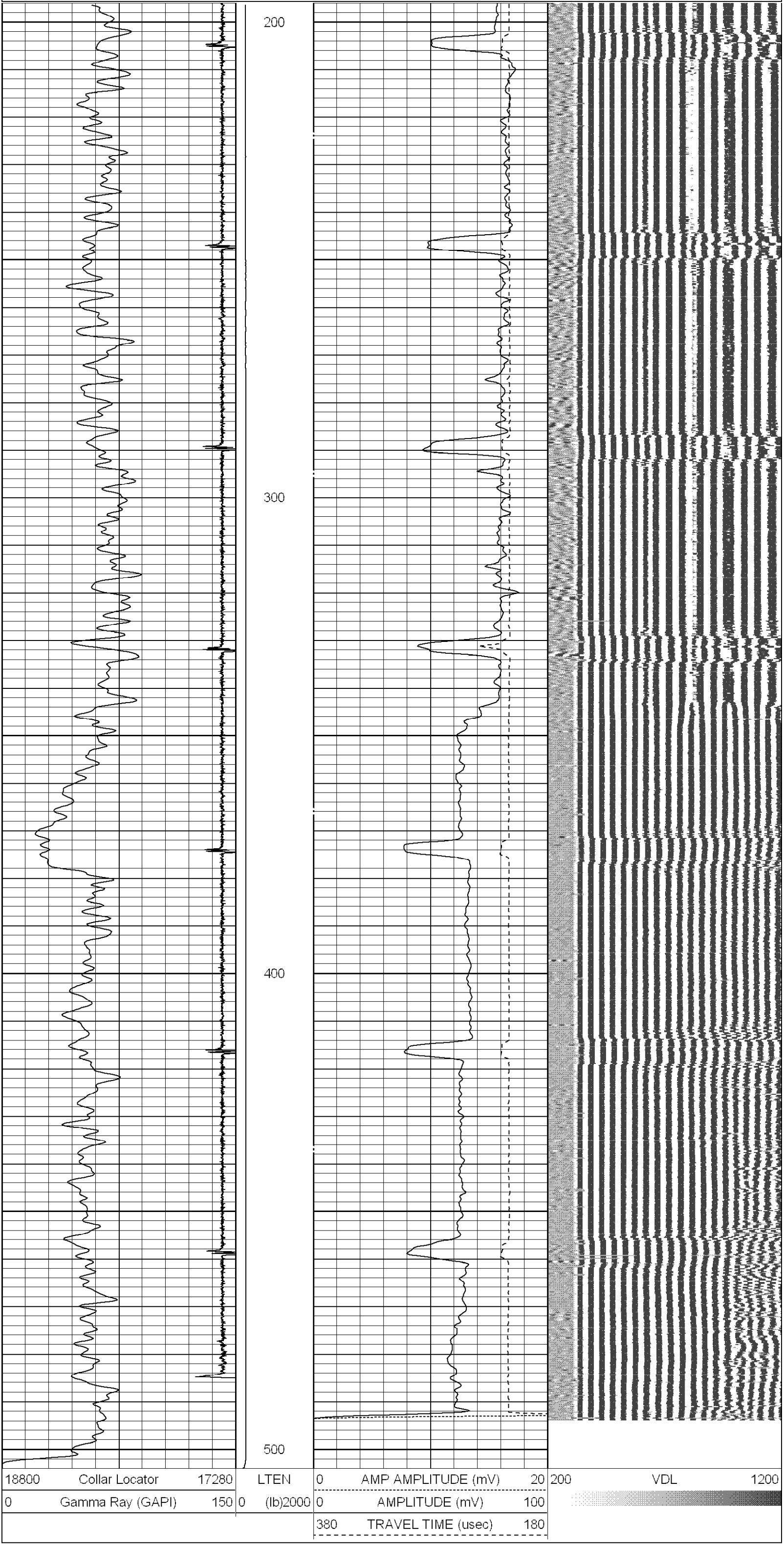
REPEAT PASS

RMWS
ROCKY MOUNTAIN WIRELINE SERVICE

FREE PIPE PASS

Database File: e:\barrett\090810bbc_federal_44a_29_691.db
Dataset Pathname: FREE/pass1
Presentation Format: rmws_dsc
Dataset Creation: Wed Sep 08 20:05:32 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	



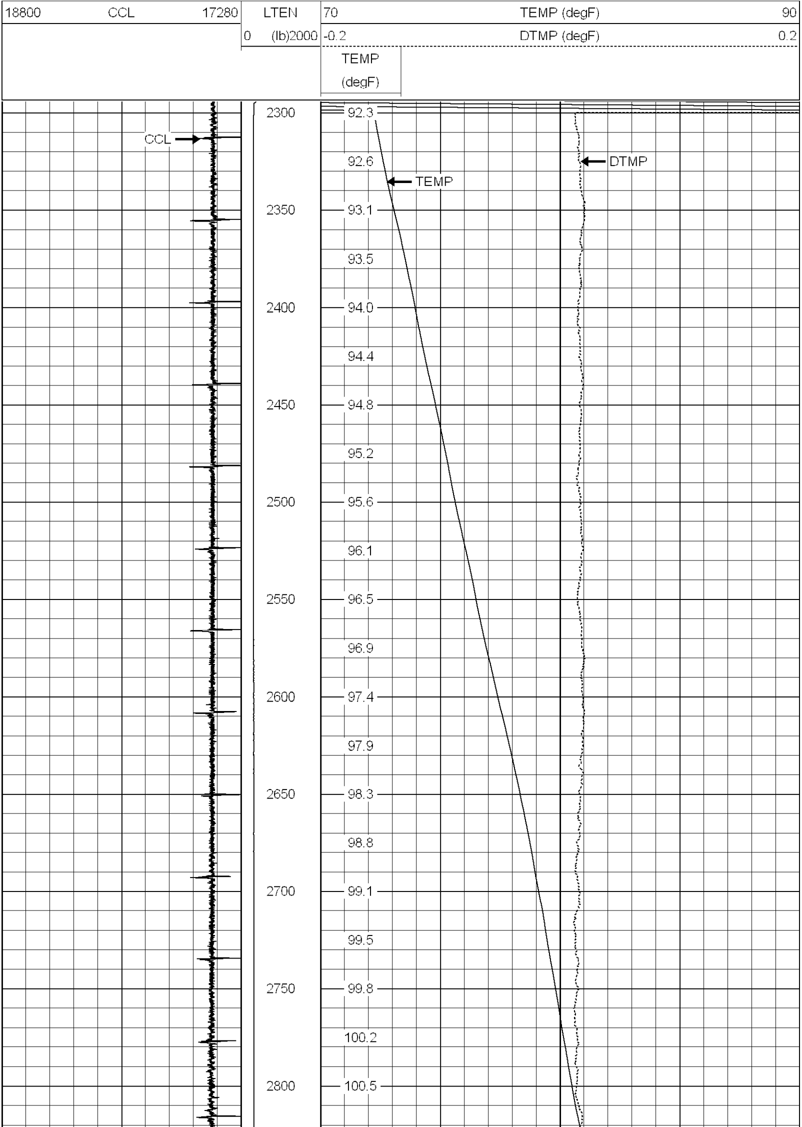
ROCKY MOUNTAIN WIRELINE SERVICE

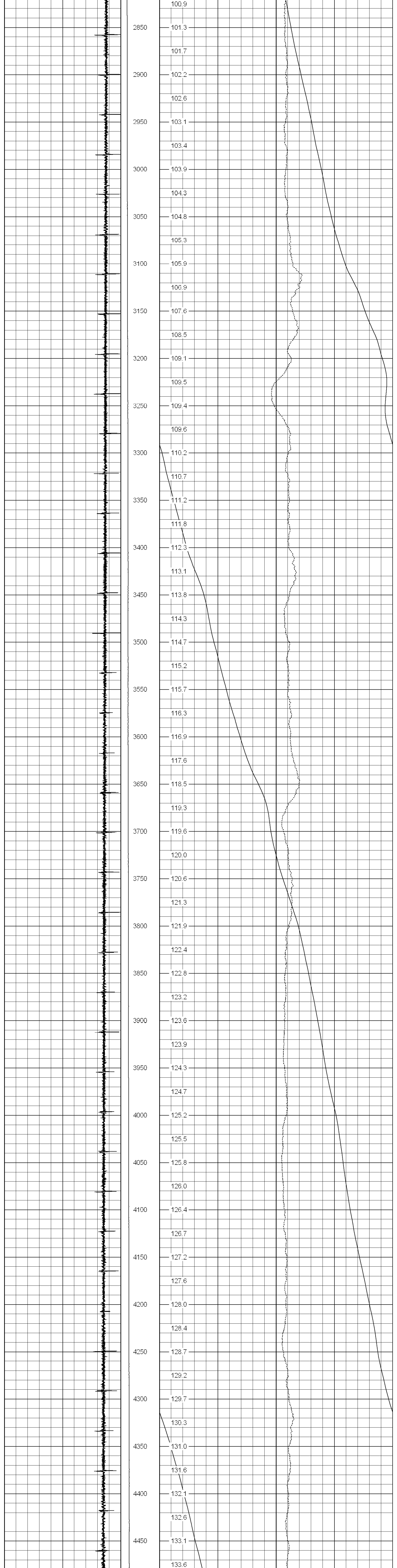
FREE PIPE PASS

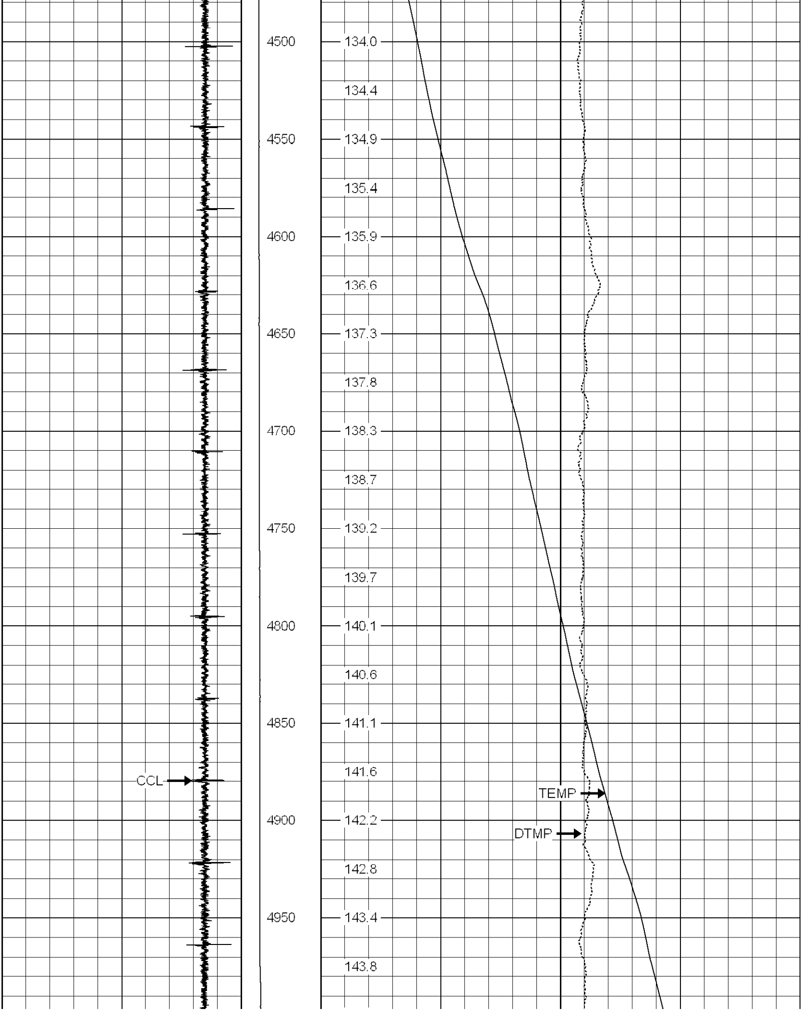
ROCKY MOUNTAIN WIRELINE SERVICE

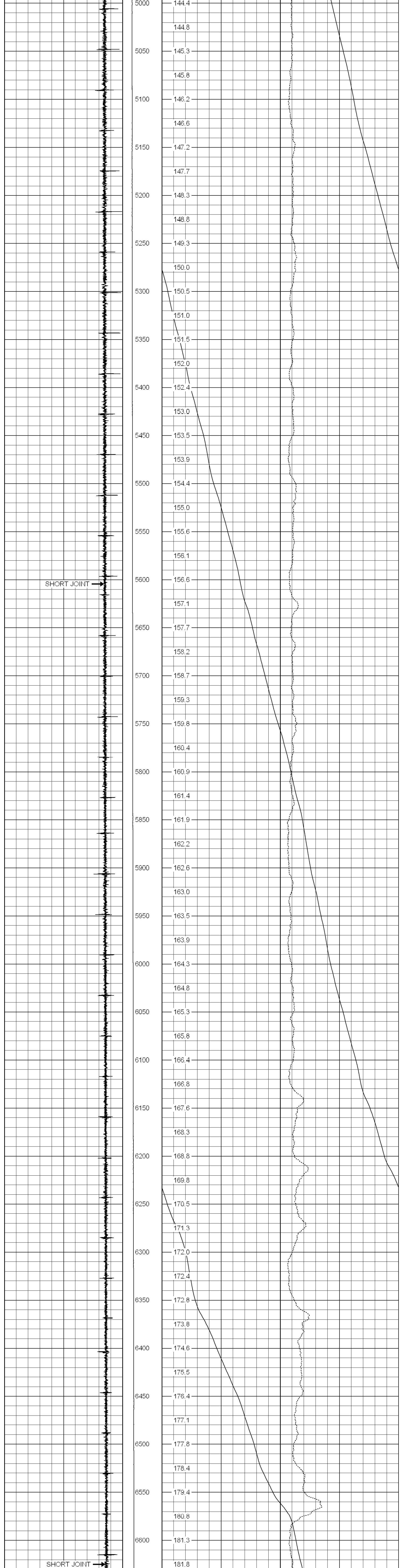
TEMP PASS

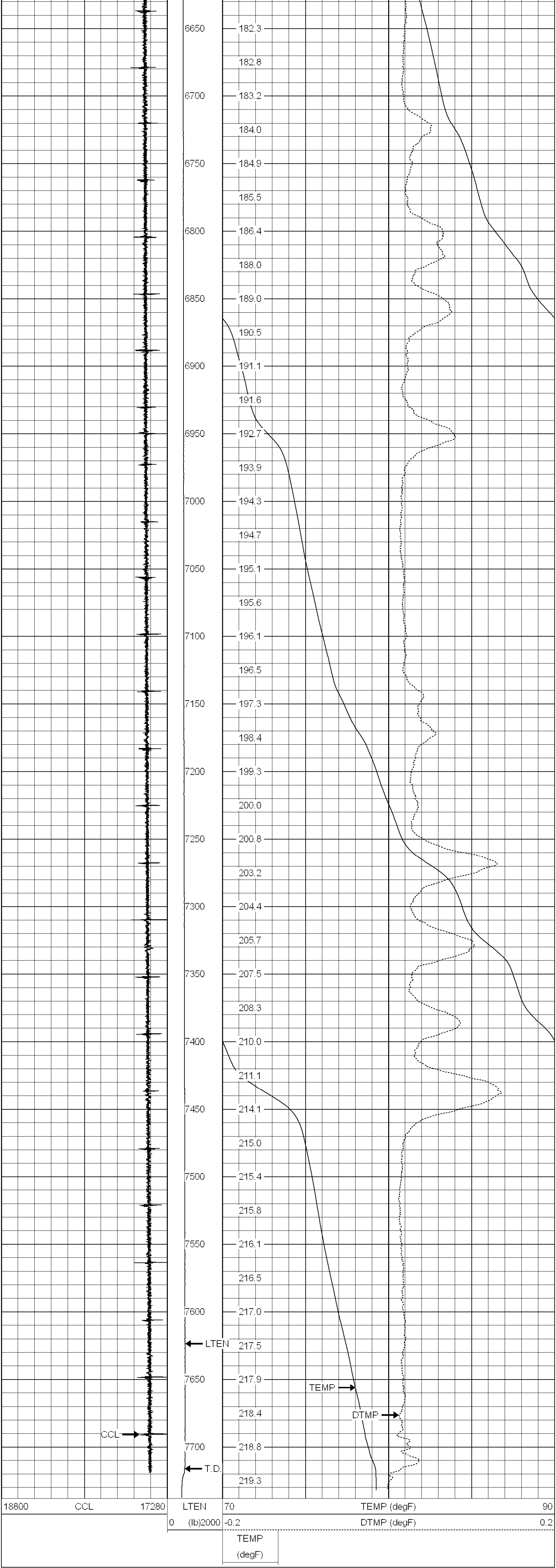
Database File:	e:\barrett\090810bbc_federal_44a_29_691.db
Dataset Pathname:	TEMP/pass1
Presentation Format:	rmws_temp
Dataset Creation:	Wed Sep 08 20:35:14 2010 by Log Std Casedhole 07122
Charted by:	Depth in Feet scaled 1:600





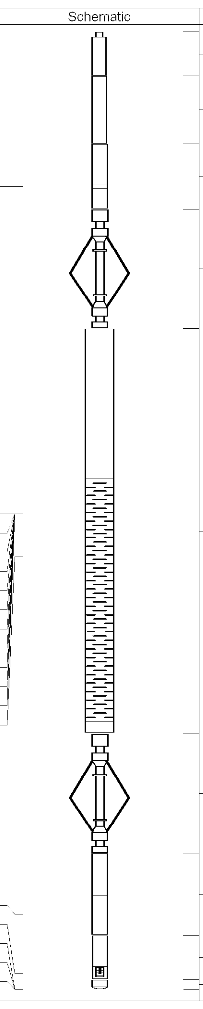






TEMP PASS

ROCKY MOUNTAIN WIRELINE SERVICE



Sensor	Offset (ft)
CCL	18.74
WVF3FT	11.09
WVFS1	11.09
WVFS2	11.09
WVFS3	11.09
WVFS4	11.09
WVFS5	11.09
WVFS6	11.09
WVFS7	11.09
WVFS8	11.09
CBLTEMP	11.09
CBLROT	11.09
WVF5FT	10.09
GR	1.76
TEMP	0.37
TSTAMP	0.00
ITEMPX	0.00
HVOLTX	0.00

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-015 (214436) Casing Collar Locator	1.54	1.69	9.00
PRC-034 (C-1214) Production Roller Centraliser (4 Arm) SONDEX	2.77	1.69	13.00
RBT-004 (1122) Radial Bond Tool (UW 3 1/8)	9.47	3.13	140.00
PRC-034 (C-1213) Production Roller Centraliser (4 Arm) SONDEX	2.77	1.69	13.00
PGR-020 (217693) Production Gamma Ray	1.93	1.69	9.50
PRT-016 (216611) Platinum Resistance Thermometer	1.04	1.69	6.00
BUL-006 (212965) Bullnose Terminator	0.22	1.69	1.20

Dataset:	090810bbc_federal_44A_29_691.db: field/well/MAIN/pass1.1
Total Length:	22.36 ft
Total Weight:	200.20 lb
O.D.	3.13 in

ROCKY MOUNTAIN WIRELINE SERVICE

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