ROCKY MOUNTAIN WIRELINE SERVICE

CEMENT BOND LOG
GAMMA RAY / CCL
TEMPERATURE

Company	BILL BARRETT CORPORATION		
Well	GGU FEDERAL 11A-33-691		
Field	GIBSON GULCH		
County	GARFIELD	State	COLORADO
Location:	API # : 05-045-18915 SHL: 0403' FNL & 0223' FWL BHL: 1135' FNL & 0664' FWL		Other Services
	SEC 33 TWP 6S RGE 91W		Elevation K.B. 6396' D.F. 6395' G.L. 6374'
Permanent Datum	G.L.	Elevation 6374'	
Log Measured From	K.B.	Ft Above PD 22'	
Drilling Measured From	K.B.		

Date	09-07-2010		
Run Number	ONE		
Depth Driller	7665'		
Present Depth Driller	7534'		
Depth Logger	7534'		
Bottom Logged Interval	7534'		
Top Log Interval	1776'		
Fluid Level	SURFACE		
Type Fluid	WATER		
Max. Recorded Temp.	219.5°		
Estimated Cement Top	2414'		
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"	825'	5185'	9.625"	36#	SURFACE	825'
TWO	7.880"	5185'	7665'	4.5"	11.6#	SURFACE	7665'

<<< 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 USING A WEATHERFORD NEUTRON LOG DATED 6-30-10
NOTE: 5" = 100'
CSG PSI = 0
SHORT JOINTS ARE AT 6268' TO 6289' AND 5074' TO 5096'

Calibration Report

Database File: E:\BARRETT\090710bbc_ggu_federal_11a_33_691.db
Dataset Pathname: MAIN1
Dataset Creation: Tue Sep 07 18:21:41 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:	428.675	ft

Master Calibration, performed Tue Sep 07 12:07:12 2010:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3FT	0.034	1.029	0.000	81.196	81.645	-2.796
5FT	0.020	1.026	0.000	81.196	80.726	-1.649
S1	0.030	1.070	0.000	100.000	96.138	-2.883
S2	0.029	1.100	0.000	100.000	93.362	-2.700
S3	0.028	1.037	0.000	100.000	99.125	-2.789
S4	0.027	1.018	0.000	100.000	100.906	-2.734
S5	0.029	0.999	0.000	100.000	103.152	-2.998
S6	0.028	1.001	0.000	100.000	102.801	-2.898
S7	0.030	1.015	0.000	100.000	101.486	-3.012
S8	0.029	1.046	0.000	100.000	98.327	-2.846

Calibration Report

Serial Number: 1122
Tool Model: 004
Performed:

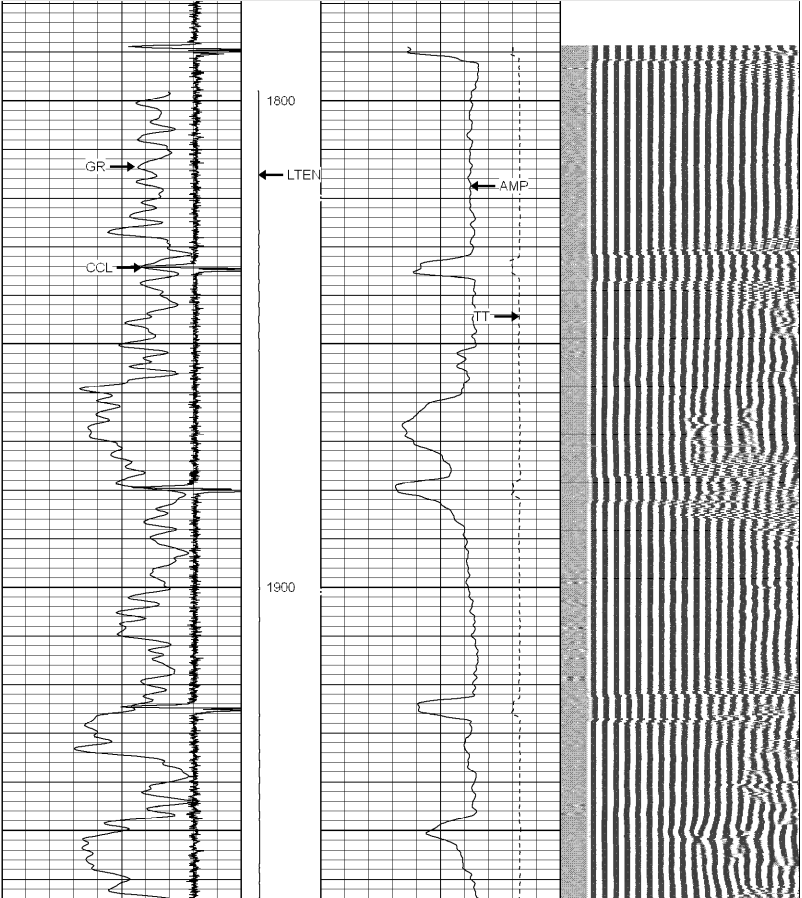
	Reference (degF)	Reading ()
Low:	0.000	0.000
High:	1.000	1.000
	Gain = 1.000	Offset= 0.000

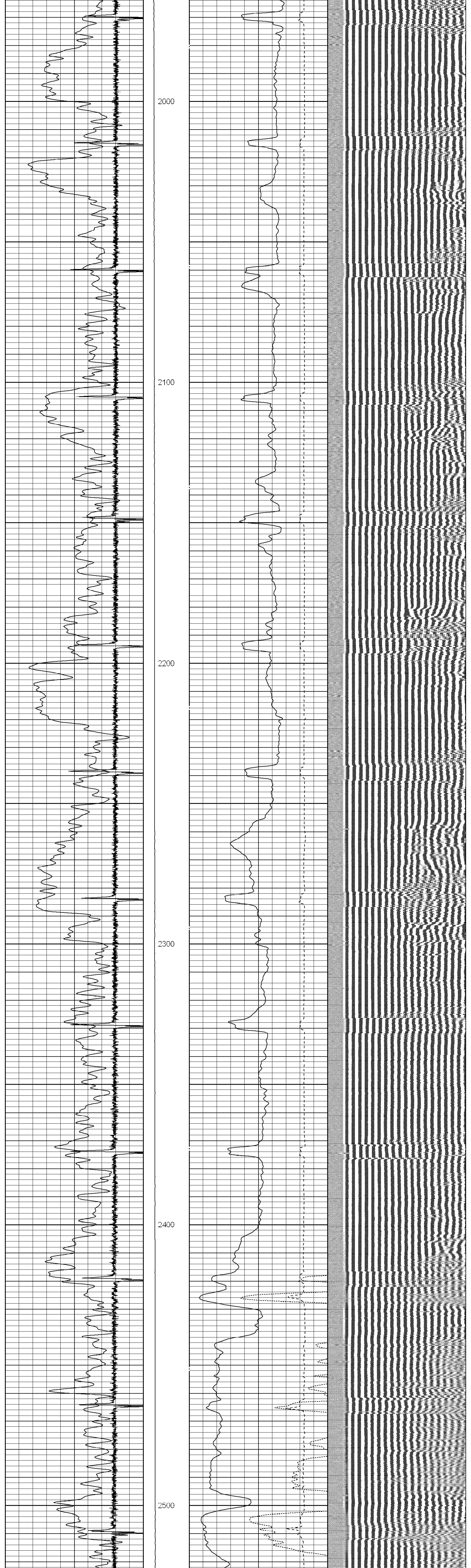
ROCKY MOUNTAIN WIRELINE SERVICE

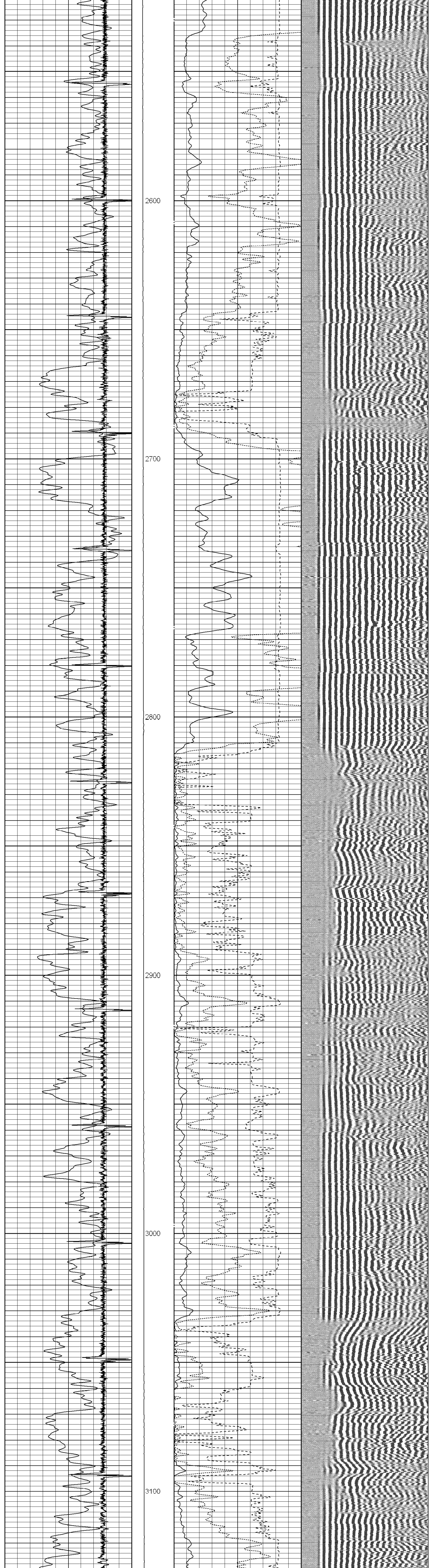
MAIN PASS

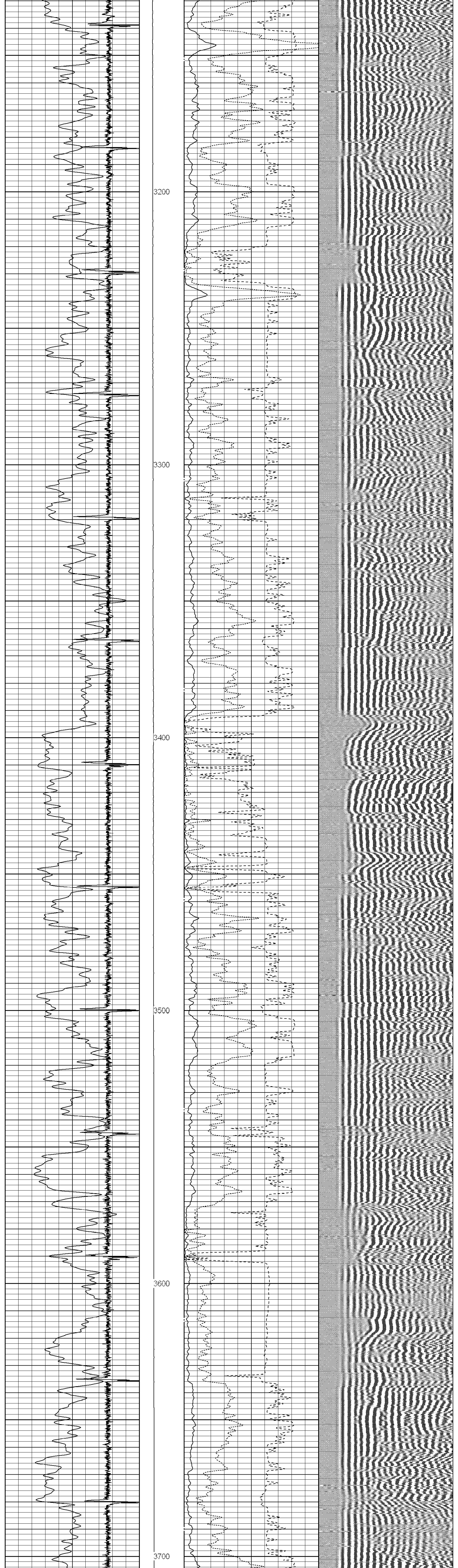
Database File: e:\barrett\090710bbc_ggu_federal_11a_33_691.db
Dataset Pathname: MAIN1
Presentation Format: rmws_dsc
Dataset Creation: Tue Sep 07 18:21:41 2010
Charted by: Depth in Feet scaled 1:240

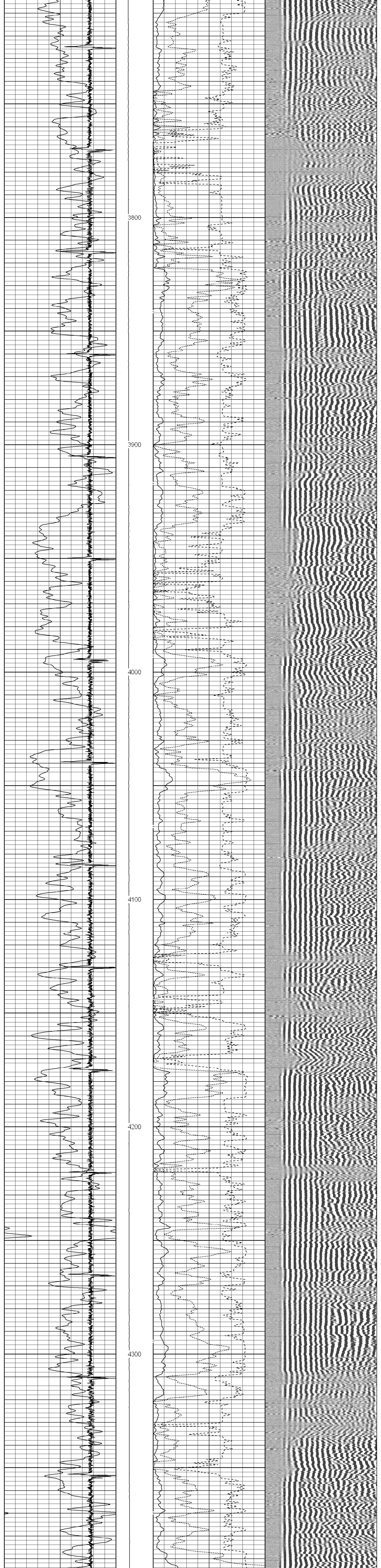
18000	Collar Locator	17300		LTEN		0	AMP AMPLITUDE (mV)	20	200	VDL	1200
0	Gamma Ray (GAPI)	150	0	(lb)	2000	0	AMPLITUDE (mV)	100			
						380	TRAVEL TIME (usec)	180			

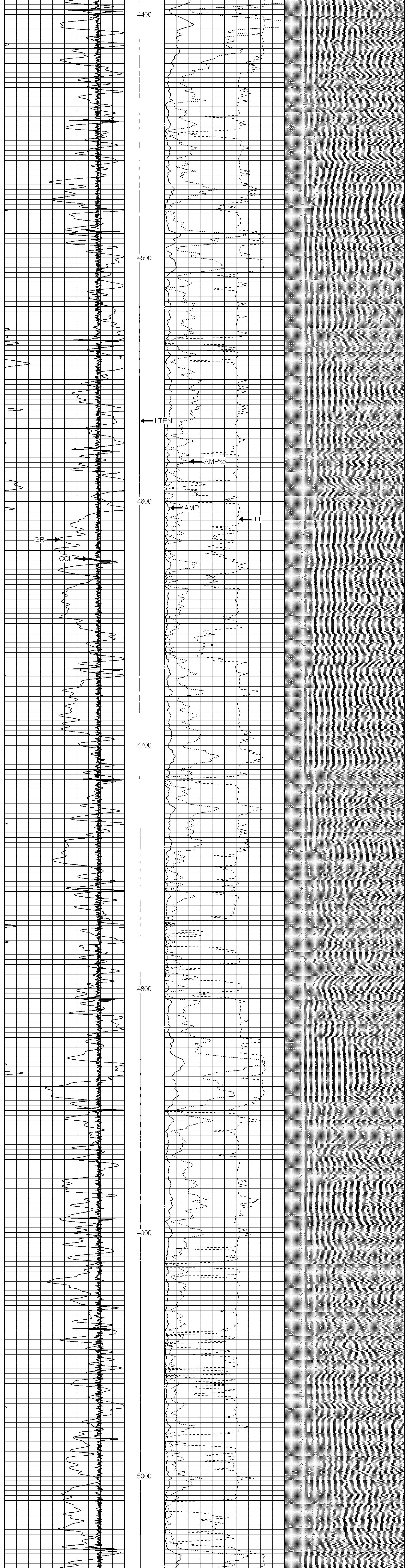


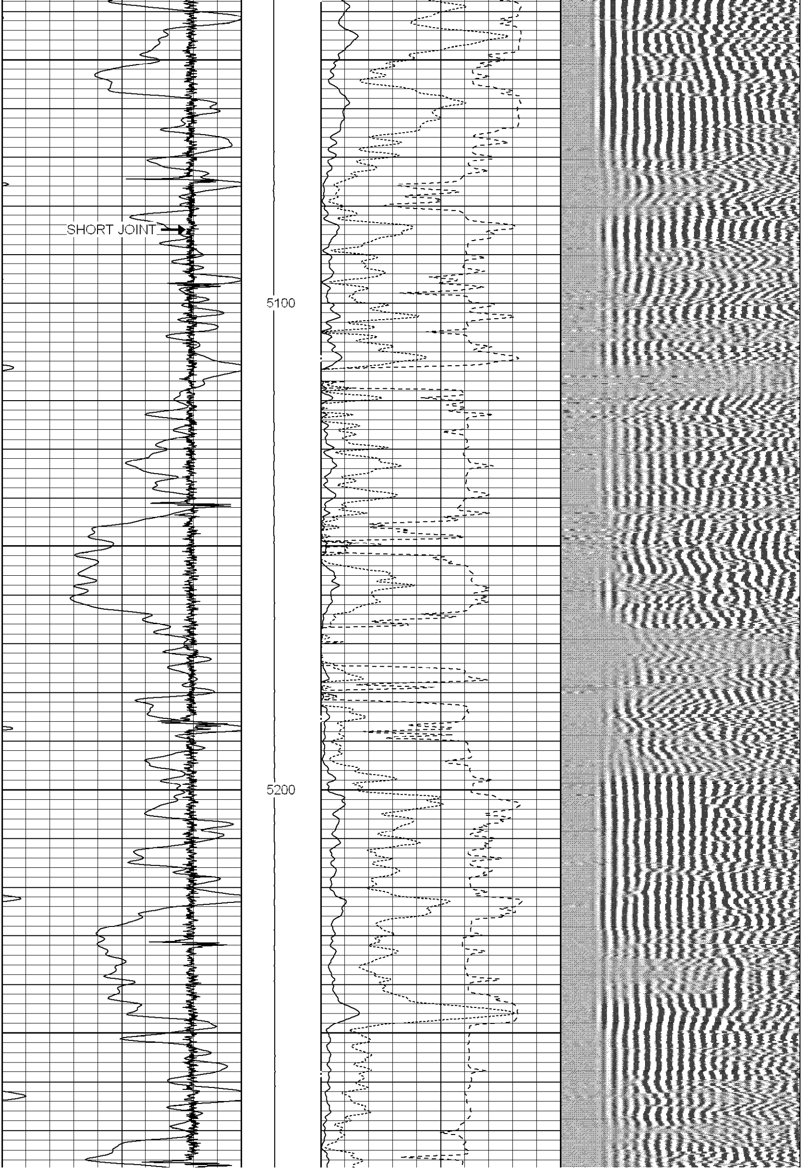


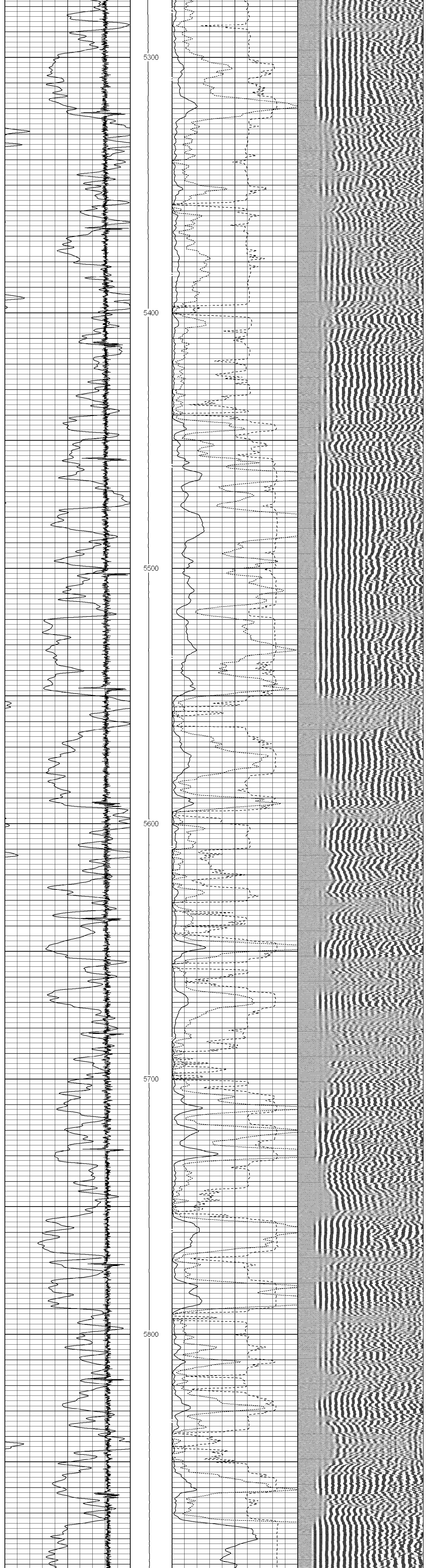


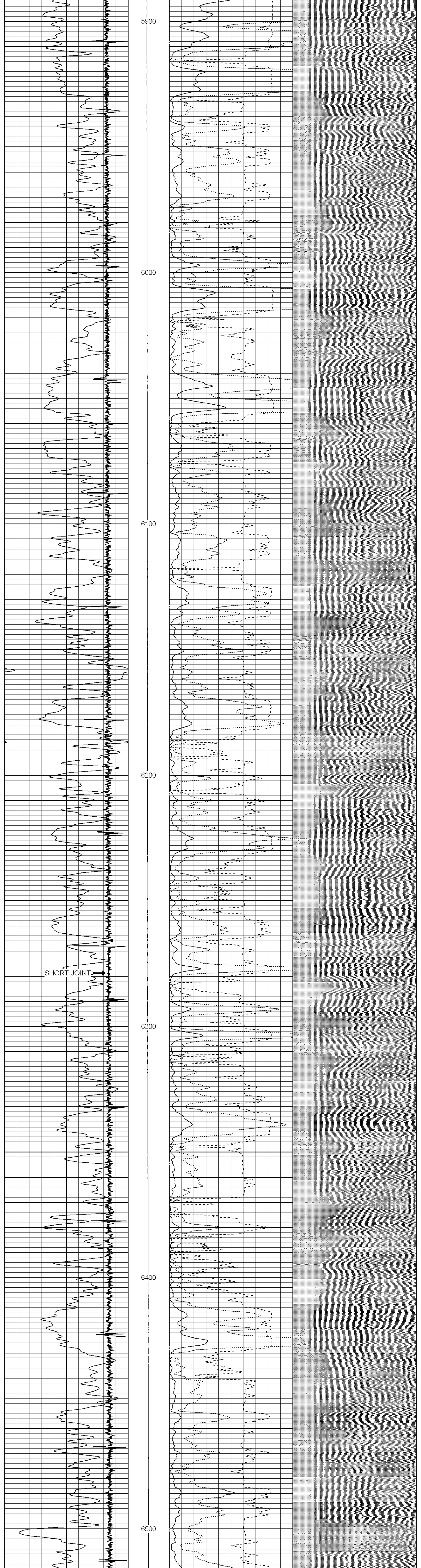


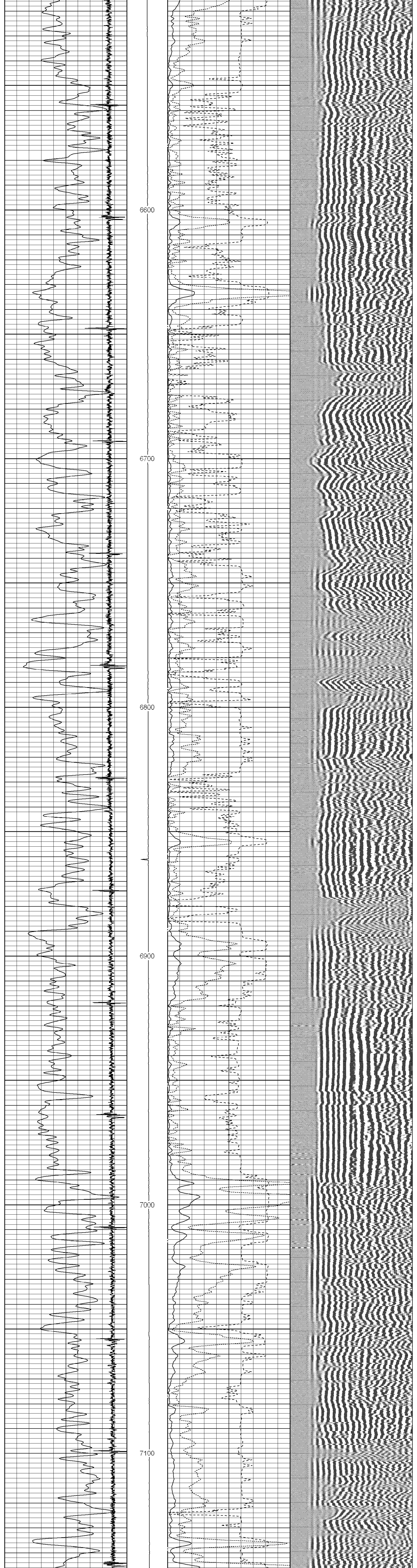


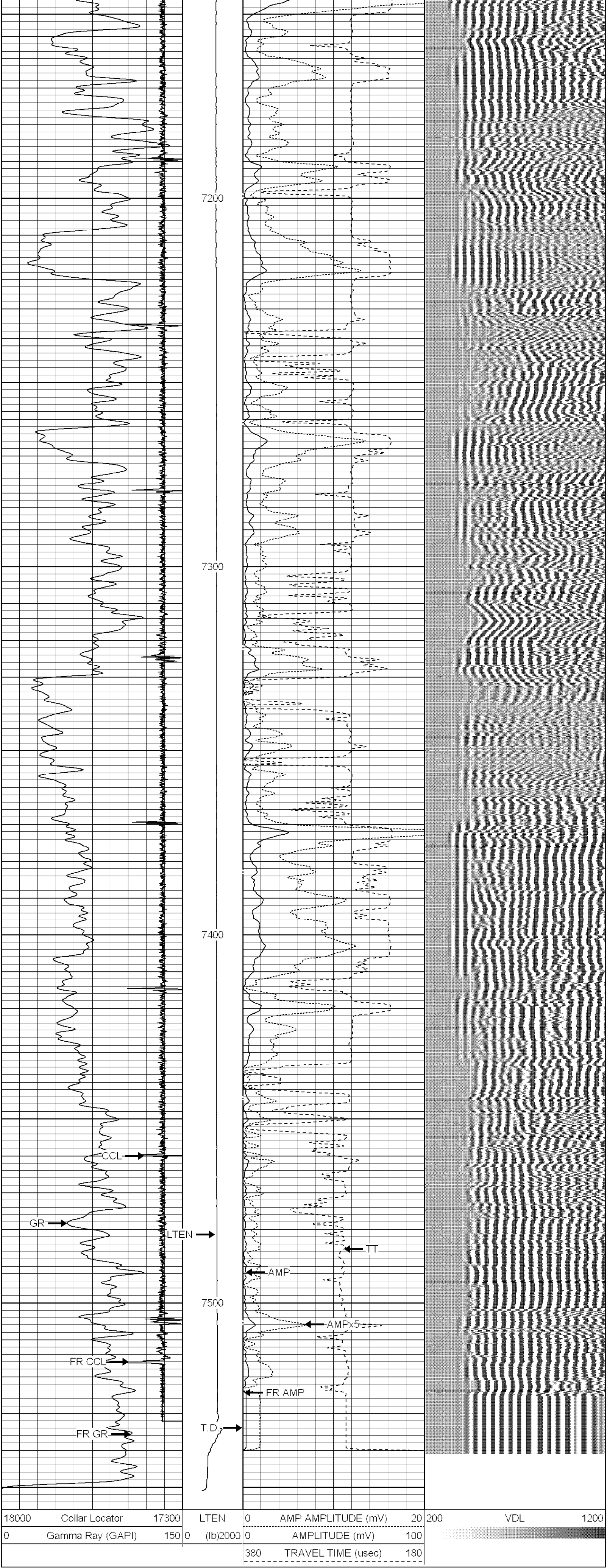








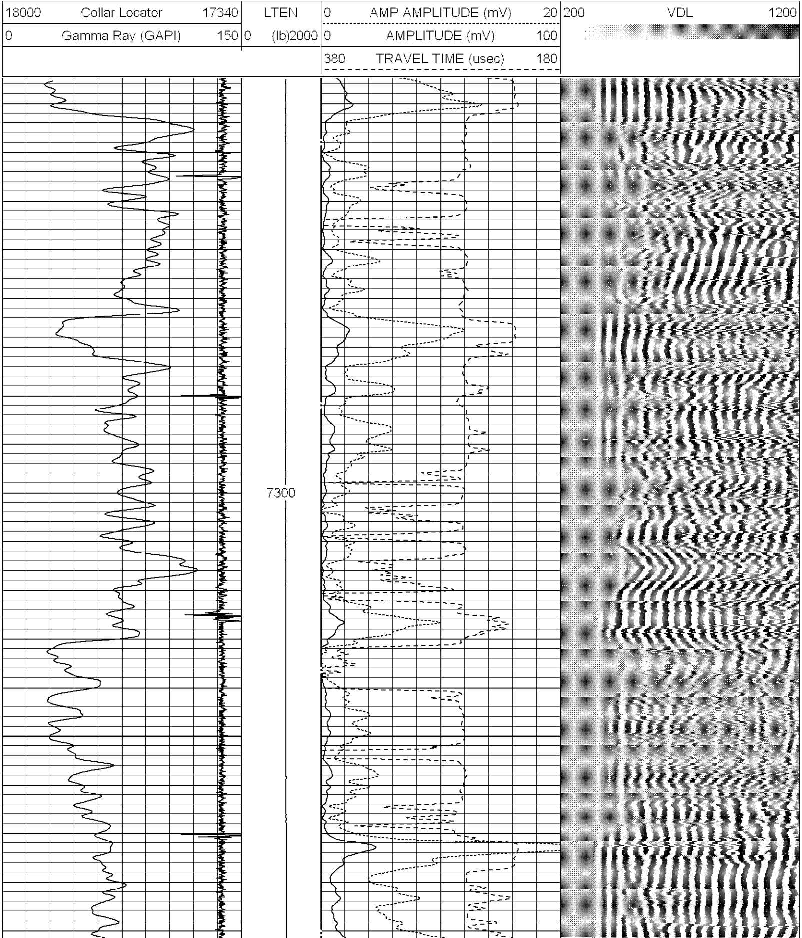


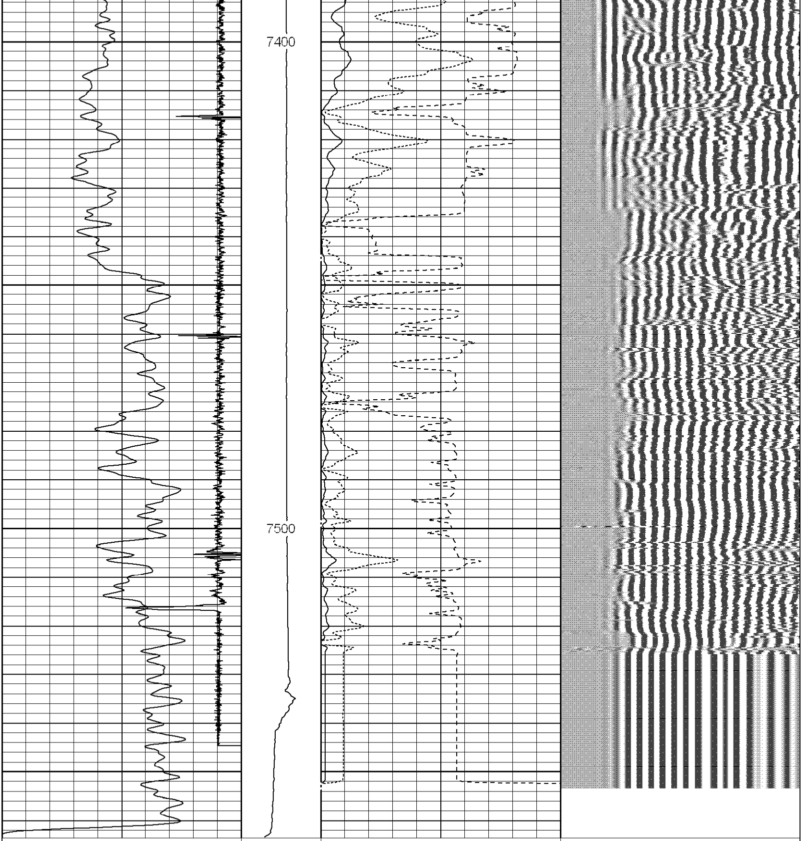


MAIN PASS

REPEAT PASS

Database File: e:\barrett\090710bbc_ggu_federal_11a_33_691.db
Dataset Pathname: REPEAT
Presentation Format: rmws_dsc
Dataset Creation: Tue Sep 07 14:14:43 2010 by Log Std Casedhole 07122
Charted by: Depth in Feet scaled 1:240





18000	Collar Locator	17340	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

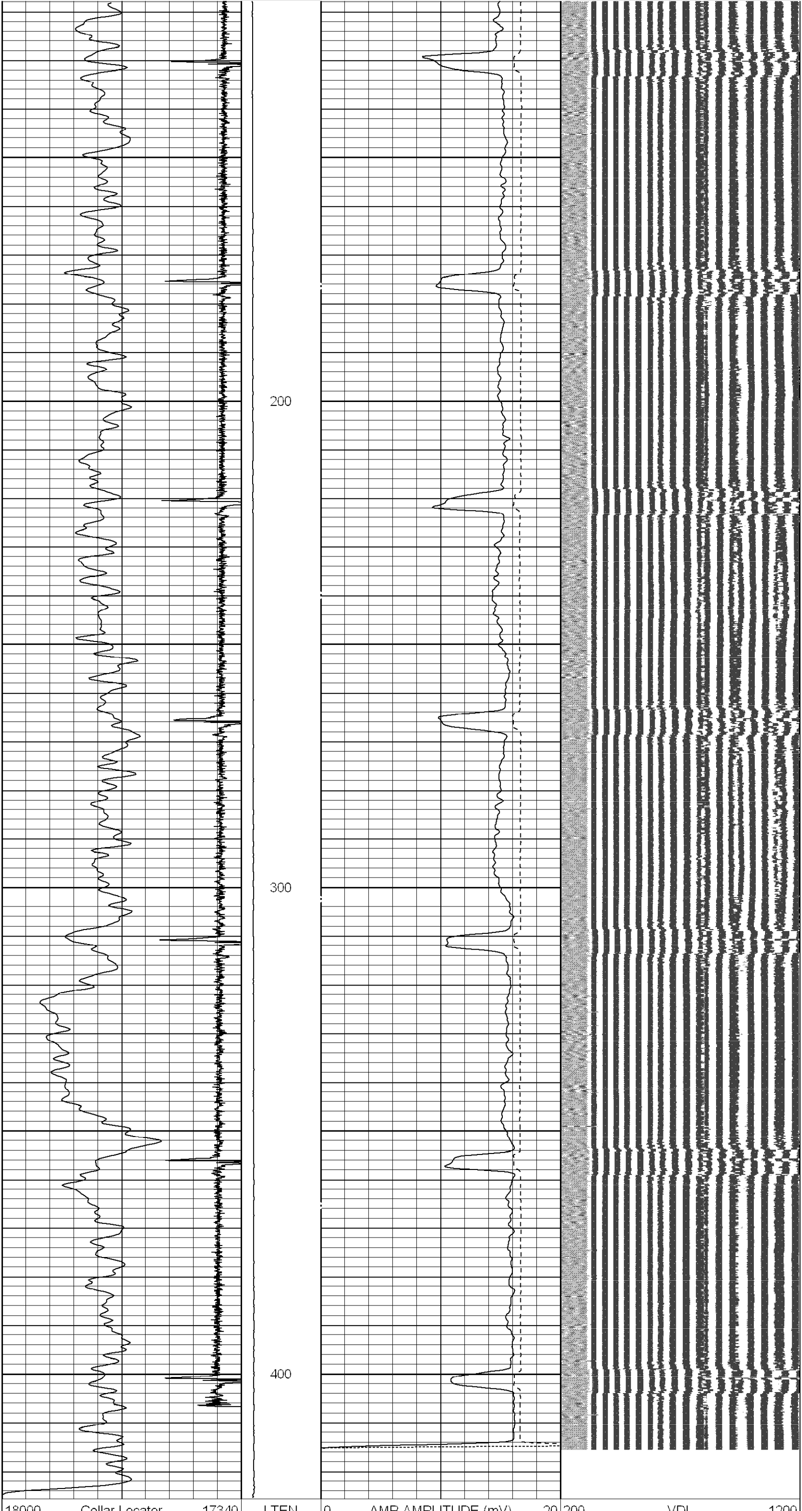
REPEAT PASS

ROCKY MOUNTAIN WIRELINE SERVICE

FREE PIPE PASS

Database File: e:\barrett\090710bbc_ggu_federal_11a_33_691.db
Dataset Pathname: FREEPIPE
Presentation Format: rmws_dsc
Dataset Creation: Tue Sep 07 12:08:03 2010 by Log Std Casedhole 07122
Charted by: Depth in Feet scaled 1:240

18000	Collar Locator	17340	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			



18000	Collar Locator	17340	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			

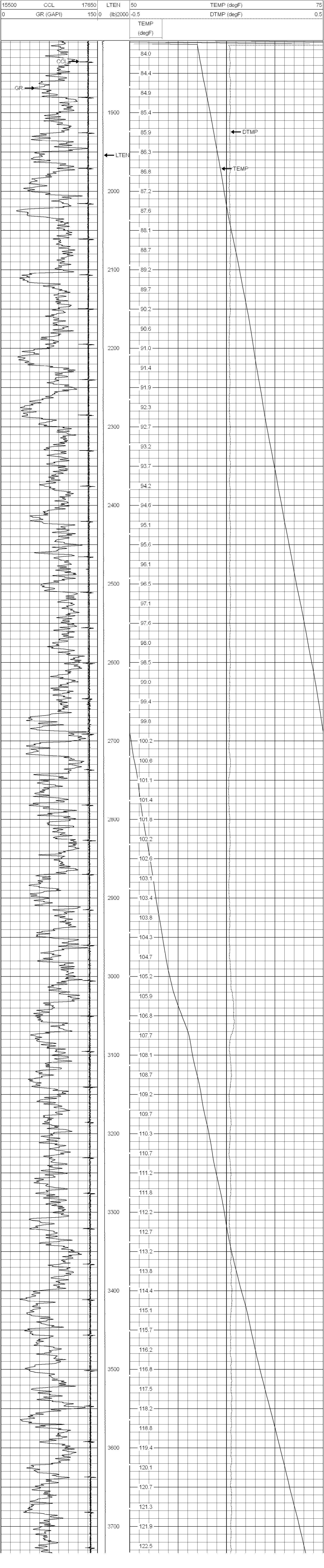
ROCKY MOUNTAIN WIRELINE SERVICE

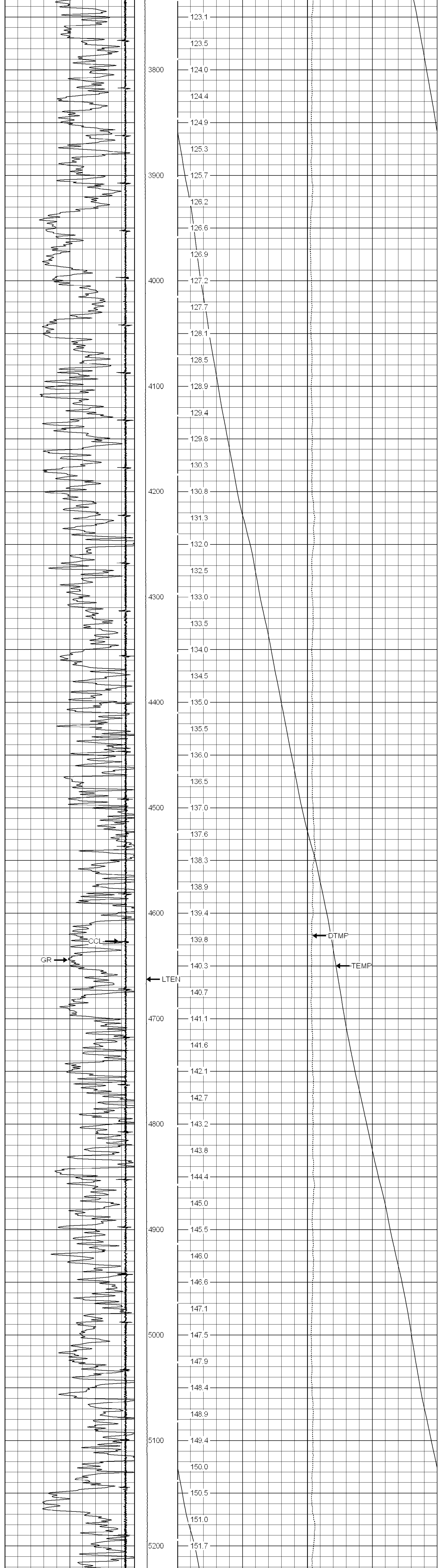
FREE PIPE PASS

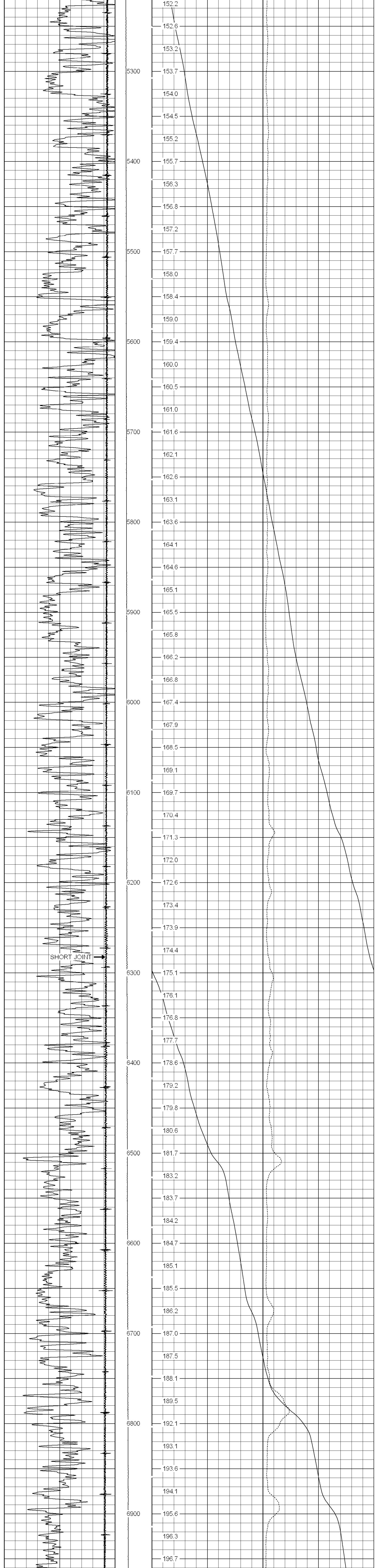
RMWS
ROCKY MOUNTAIN WIRELINE SERVICE

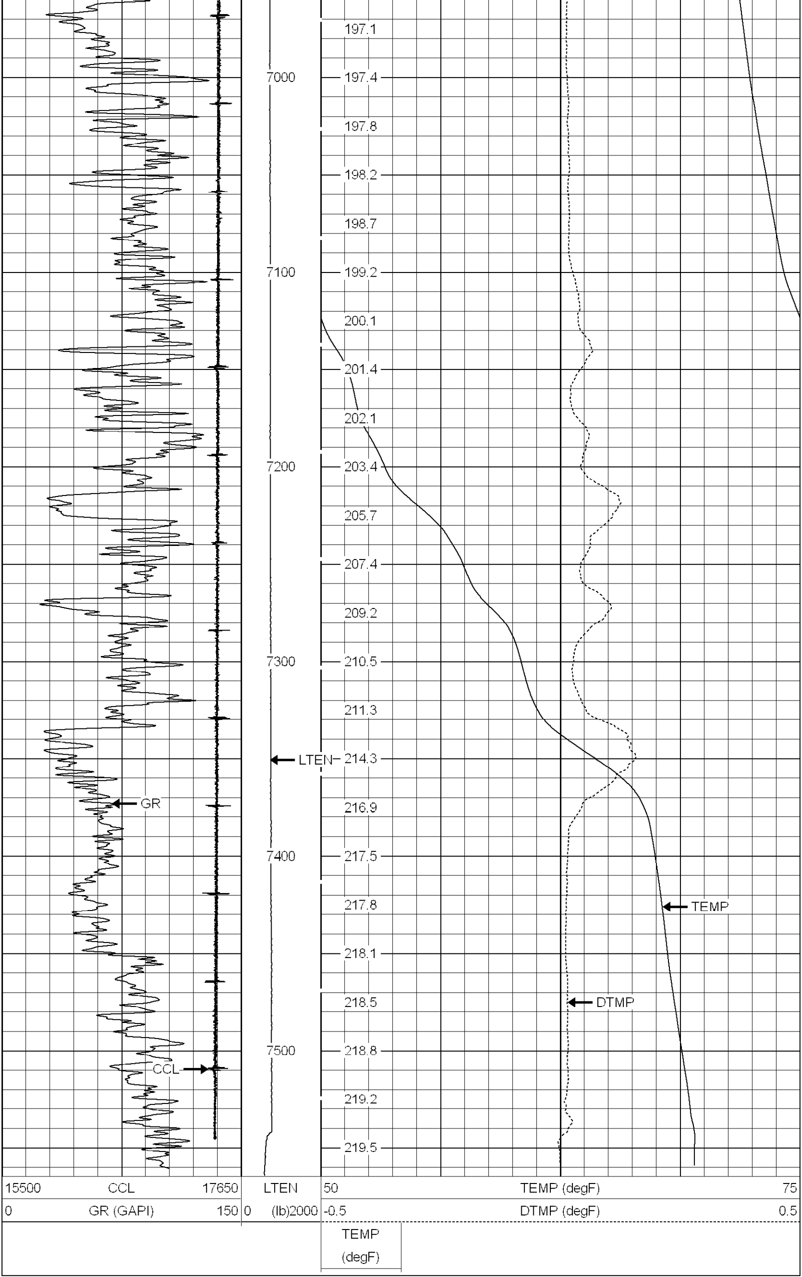
TEMP PASS

Database File: e:\barrett\090710bbc_ggu_federal_11a_33_691.db
Dataset Pathname: TEMP
Presentation Format: rmws_tem
Dataset Creation: Tue Sep 07 12:29:57 2010 by Log Std Casedhole 07122
Charted by: Depth in Feet scaled 1:600

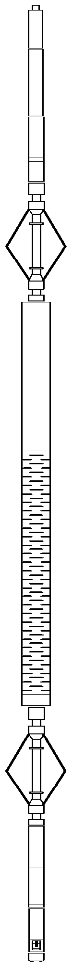








TEMP PASS

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	18.74		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
WVF3FT WVFS1 WVFS2 WVFS3 WVFS4 WVFS5 WVFS6 WVFS7 WVFS8 CBLTEMP CBLROT WVF5FT	11.09 11.09 11.09 11.09 11.09 11.09 11.09 11.09 11.09 11.09 11.09 10.09		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
GR	1.76		PGR-020 (217693) Production Gamma Ray	1.93	1.69	9.50
TEMP TSTAMP ITEMPX HVOLTX	0.37 0.00 0.00 0.00		PRT-016 (216611) Platinum Resistance Thermometer	1.04	1.69	6.00
			BUL-006 (212965) Bullnose Terminator	0.22	1.69	1.20

Dataset:	090710bbc_ggu_federal_11a_33_691.db: field/well/run1/MAIN1
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 11A-33-691
Field	GIBSON GULCH
County	GARFIELD
State	COLORADO