RMWS
ROCKY MOUNTAIN WIRELINE SERVICE

CEMENT BOND LOG
GAMMARAY / CCL
TEMPERATURE

Company	**BILL BARRETT CORPORATION**
Well	**GGU SWANSON 32C - 29 - 691**
Field	**GIBSON GULCH**
County	**GARFIELD** State **COLORADO**
Location:	API # : 05 - 045 - 19797 SHL: 1227' FNL & 1327' FEL BHL: 1800' FNL & 1990' 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 - 18 - 2011
Run Number	ONE
Depth Driller	7458'
Present Depth Driller	7280'
Depth Logger	7280'
Bottom Logged Interval	7279'
Top Log Interval	3900'
Fluid Level	SURFACE
Type Fluid	WATER
Max. Recorded Temp.	210.3° F
Estimated Cement Top	4892'
Equipment Number	208
Location	GRAND JCT.
Recorded By	INGRAM
Witnessed By	MR. ETTER

Run Number	Borehole Record			Casing Record			
	Bit	From	To	Size	Weight	From	To
ONE	8.75"	766'	5495'	9.625"	36#	SURFACE	766'
TWO	7.88"	5495'	7458'	4.5"	11.6#	SURFACE	7458'

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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 TO THE WEATHERFORD OH LOG DATED 2-18-2011
SHORT JOINT AT 4317' TO 4338' & 5989'' TO 6016'
MAIN PASS 5" = 100'
TEMP PASS 2" = 100'
CSG PSI = STATIC

Calibration Report

Database File: F:\041811_barrett_ggu_swanson_32c_29.db
Dataset Pathname: main/pass3
Dataset Creation: Mon Apr 18 13:22:30 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:	AJD00094	
Tool Model:	020	
Performed:	Sun Jun 13 13:33:21 1993	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	1.0000	GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number:	1122	
Tool Model:	004	
Calibration Casing Diameter:	4.500	in
Calibration Depth:	543.104	ft

Master Calibration, performed Mon Apr 18 13:21:49 2011:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3FT	0.000	1.072	1.000	81.196	74.838	1.000
5FT	0.000	0.972	1.000	81.196	82.511	1.000
S1	0.000	1.128	0.000	100.000	88.615	-0.000
S2	0.000	1.160	0.000	100.000	86.225	-0.000
S3	0.000	1.078	0.000	100.000	92.749	-0.000
S4	0.000	1.033	0.000	100.000	96.837	-0.000
S5	0.000	1.010	0.000	100.000	98.985	-0.000
S6	0.000	1.018	0.000	100.000	98.256	-0.000
S7	0.000	1.045	0.000	100.000	95.657	-0.000
S8	0.000	1.093	0.000	100.000	91.458	-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

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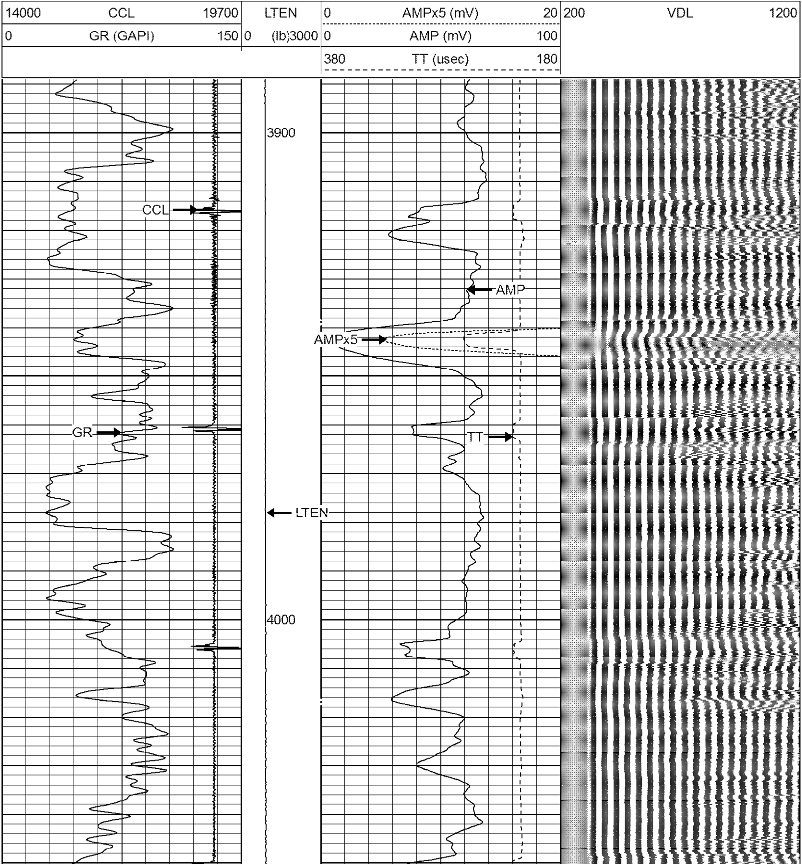
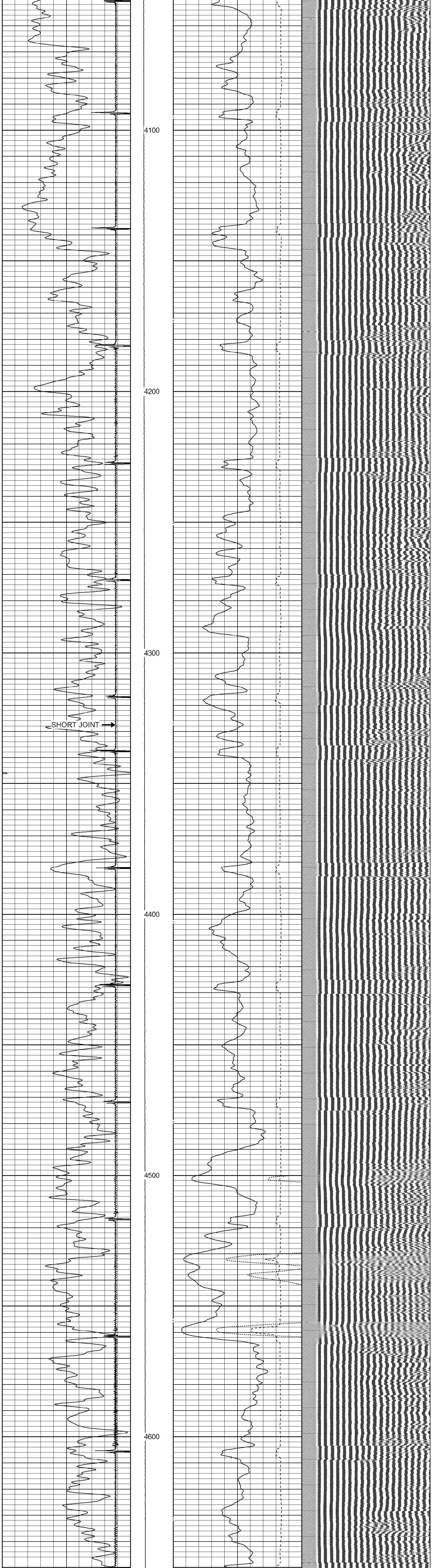
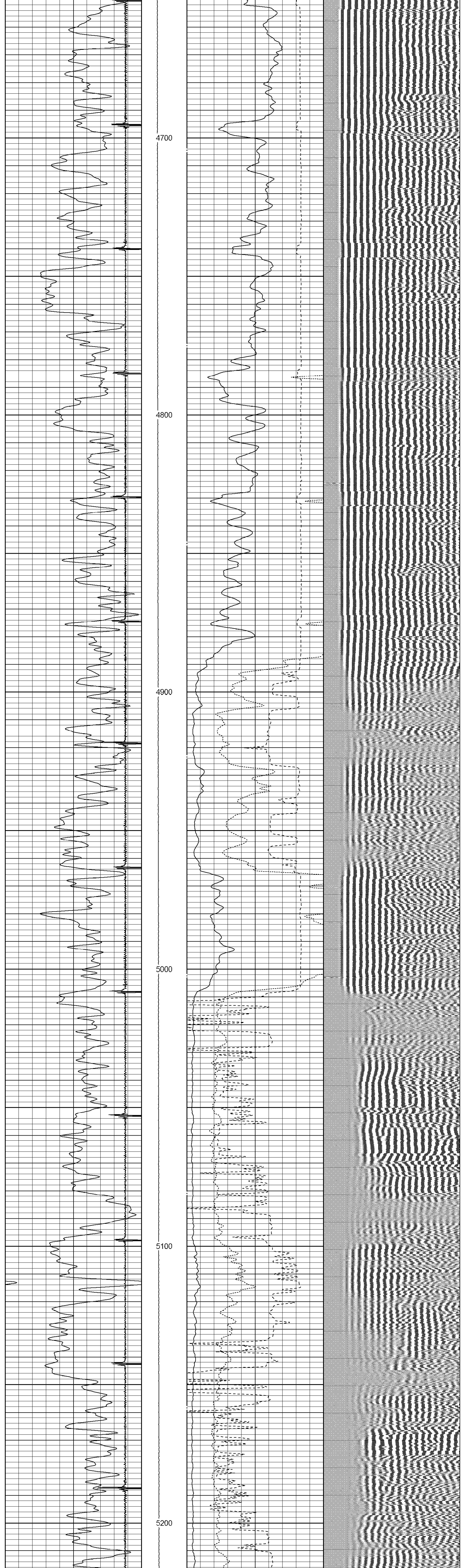
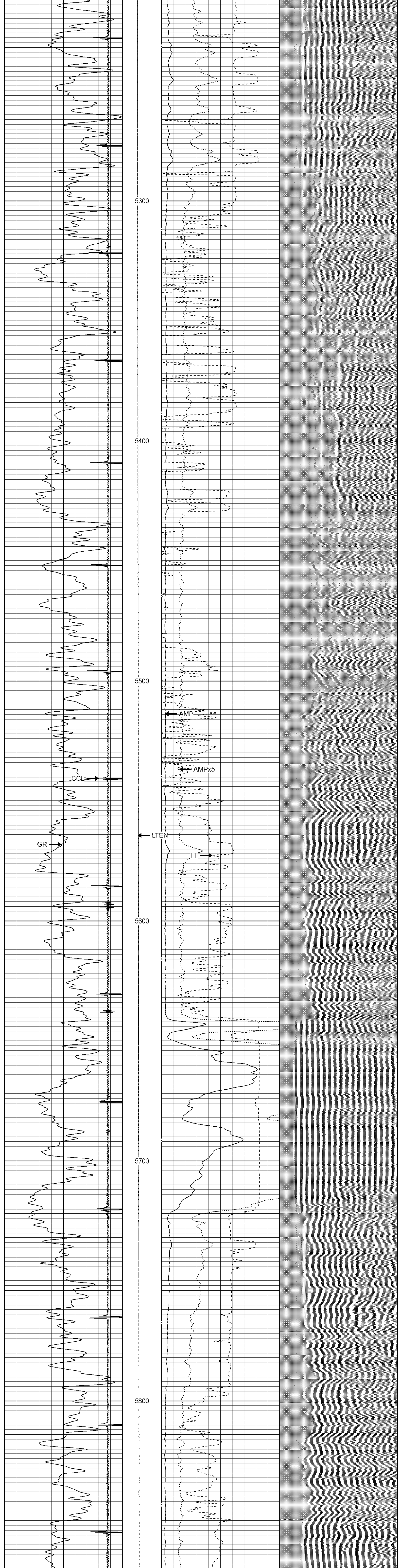
MAIN PASS

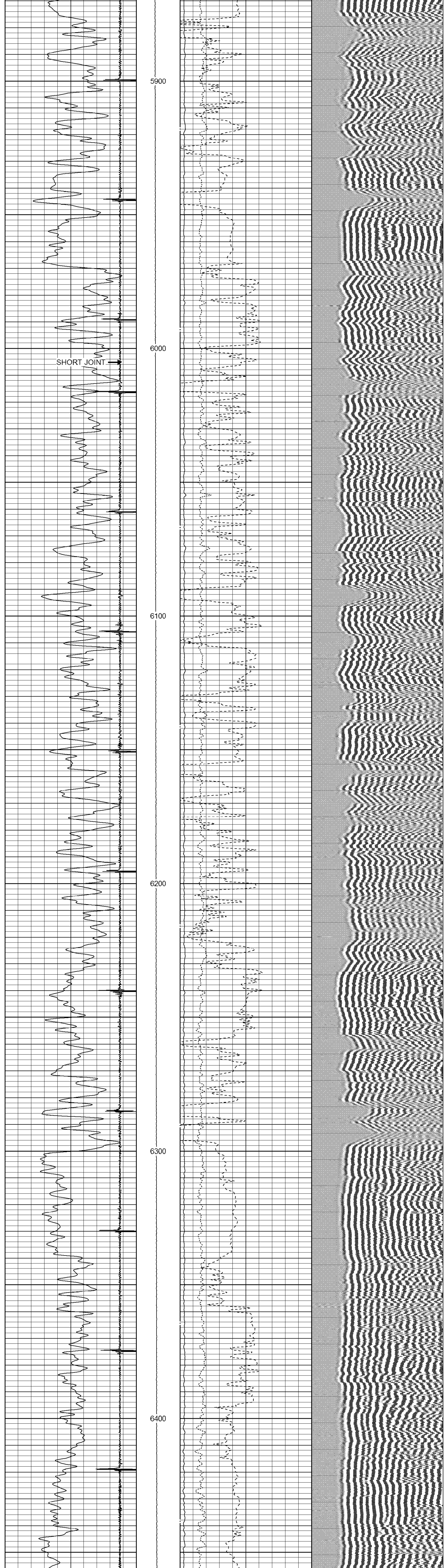
Database File: f:\041811_barrett_ggu_swanson_32c_29.db
Dataset Pathname: main/pass3
Presentation Format: rmws_dsc
Dataset Creation: Mon Apr 18 13:22:30 2011 by Calc Std Casedhole 10121
Charted by: Depth in Feet scaled 1:240

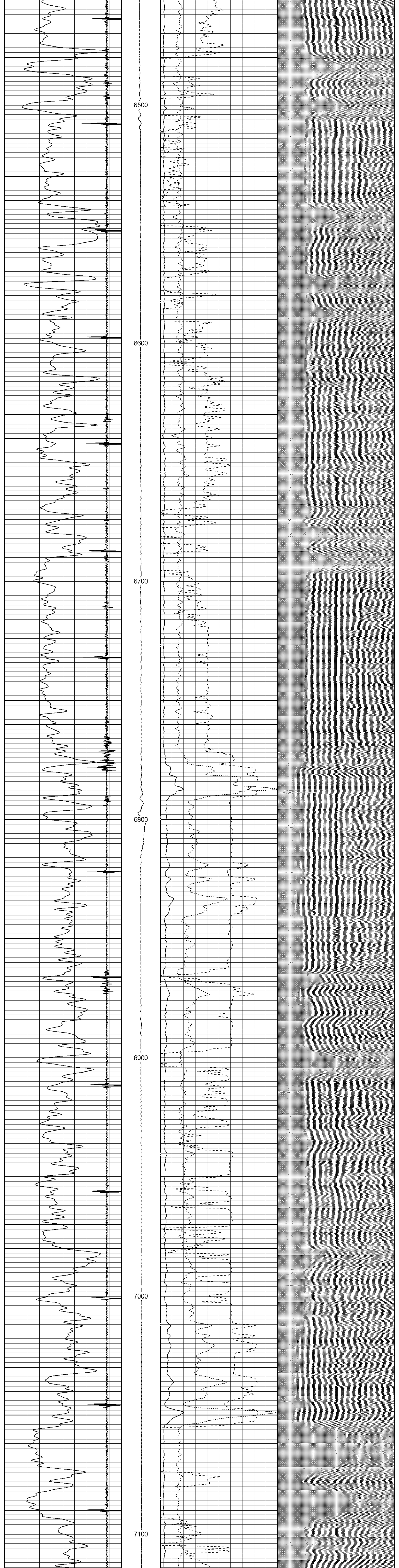


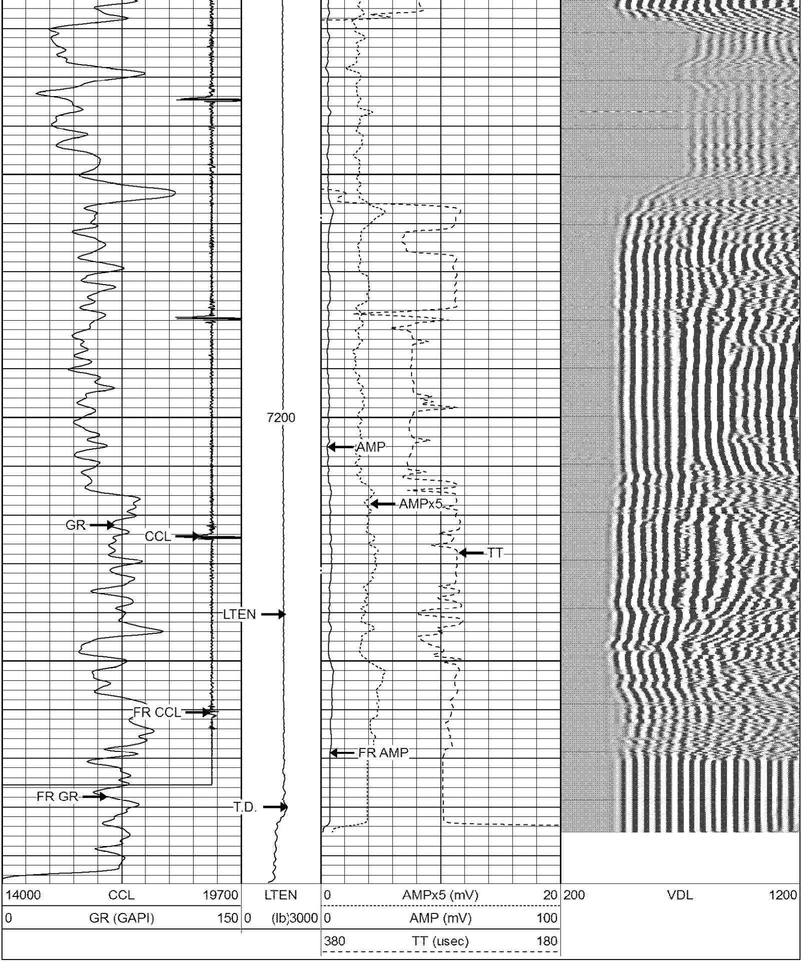












ROCKY MOUNTAIN WIRELINE SERVICE

MAIN PASS

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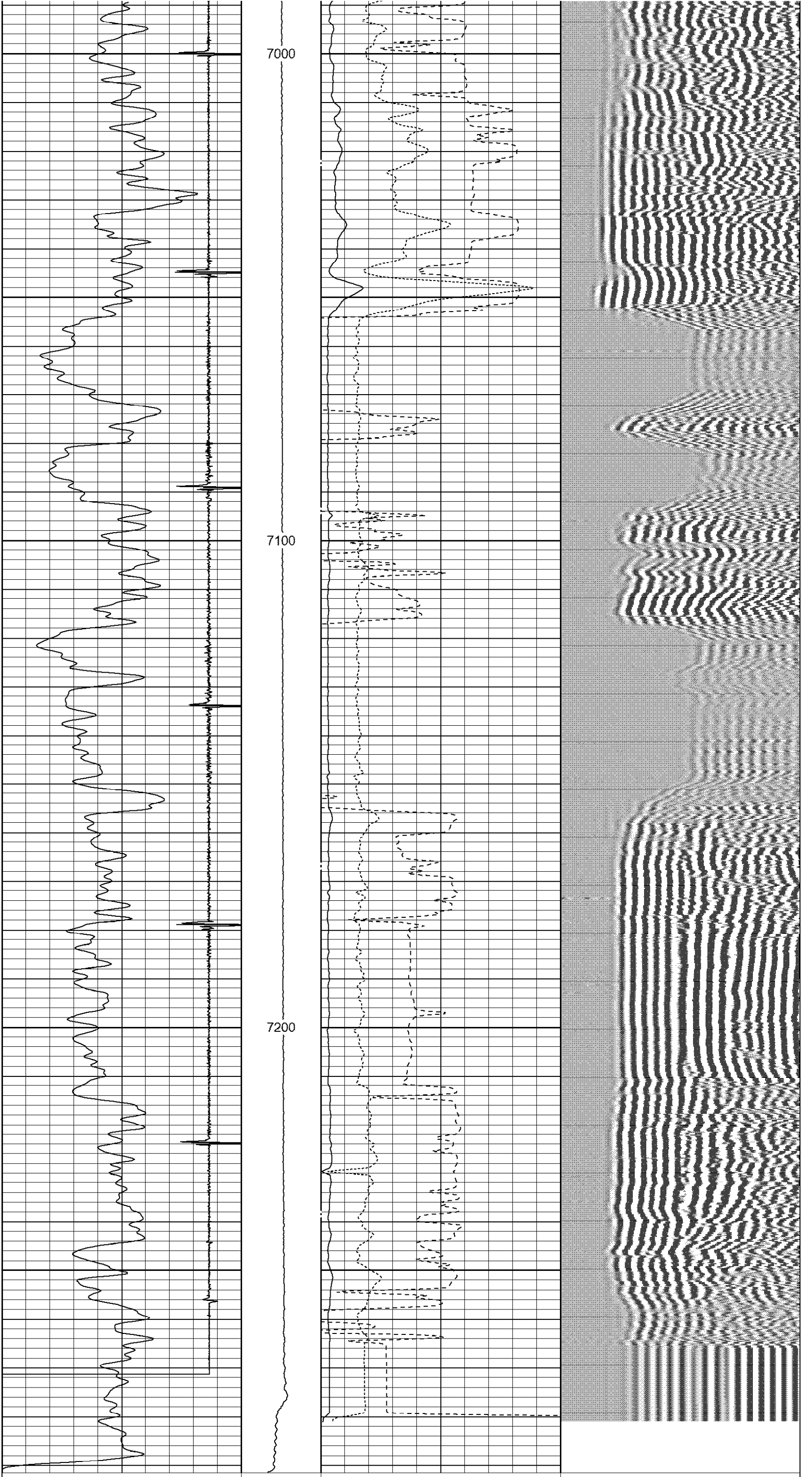
REPEAT PASS

Database File:	f:\041811_barrett_ggu_swanson_32c_29.db
Dataset Pathname:	repeat/pass1.1
Presentation Format:	rmws_dsc
Dataset Creation:	Mon Apr 18 13:49:40 2011 by Calc Std Casedhole 10121
Charted by:	Depth in Feet scaled 1:240

14000	CCL	19800	LTEN		0	AMPx5 (mV)	20	200	VDL	1200
0	GR (GAPI)	150	0	(lb) 3000	0	AMP (mV)	100			

		380 TT (usec) 180	



14000 CCL 19800	LTEN	0 AMPx5 (mV) 20	200 VDL 1200
0 GR (GAPI) 150	0 (lb) 3000	0 AMP (mV) 100	
		380 TT (usec) 180	

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REPEAT PASS

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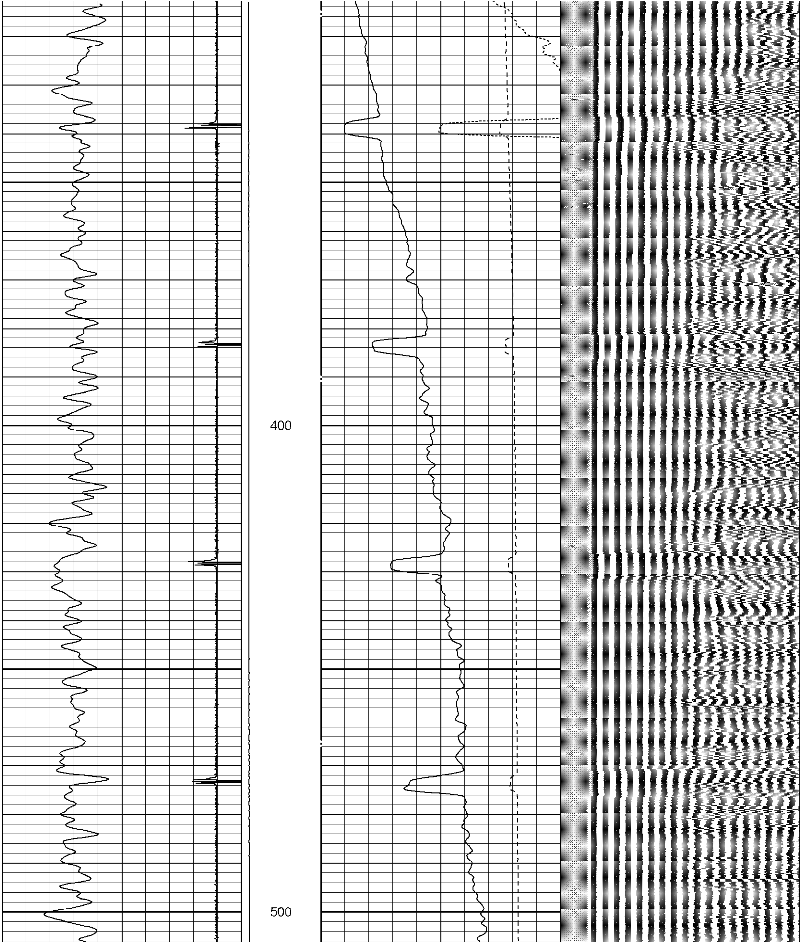
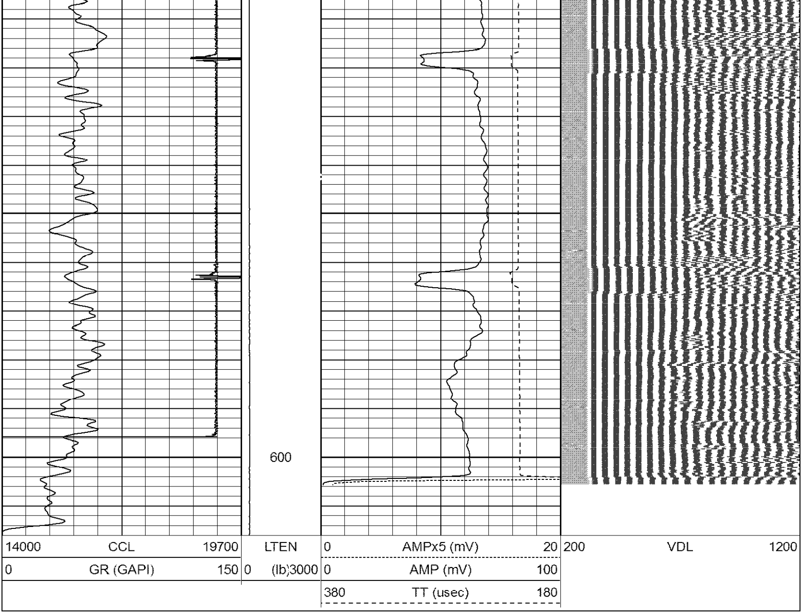
FREE PIPE PASS

Database File:	f:\041811_barrett_ggu_swanson_32c_29.db
Dataset Pathname:	freepipe/pass1.1
Presentation Format:	rmws_dsc
Dataset Creation:	Mon Apr 18 13:48:19 2011 by Calc Std Casedhole 10121
Charted by:	Depth in Feet scaled 1:240

14000 CCL 19700		0 AMPx5 (mV) 20	200 VDL 1200
0 GR (GAPI) 150	0 (lb) 3000	0 AMP (mV) 100	
		380 TT (usec) 180	





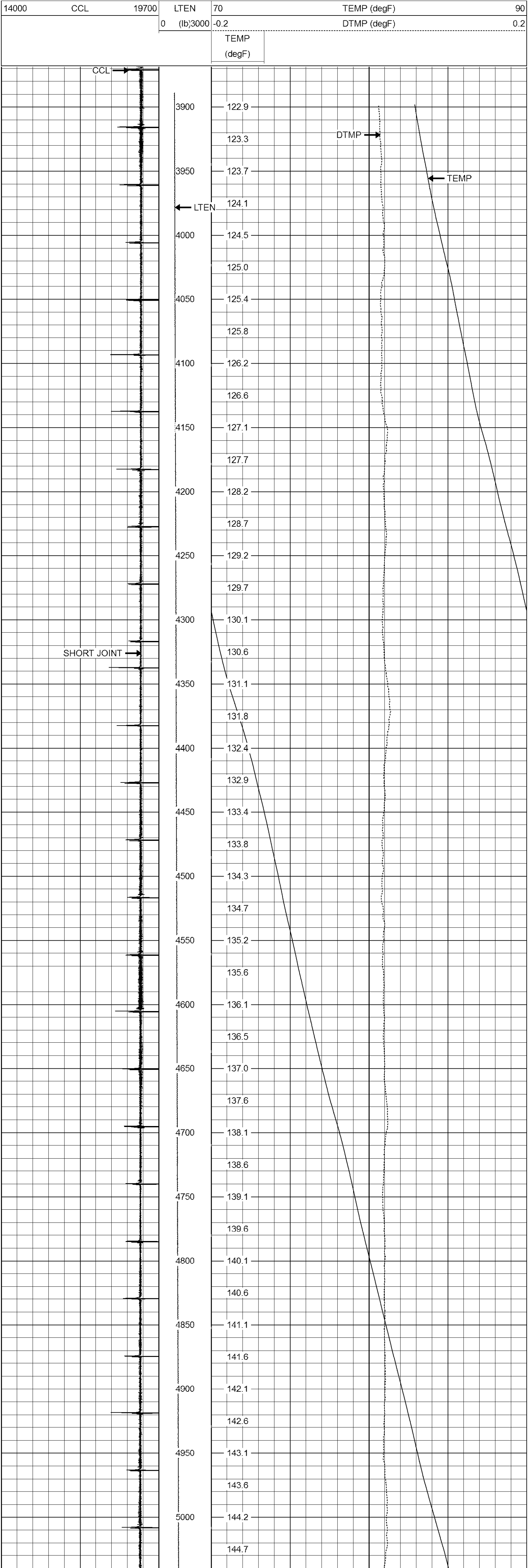
FREE PIPE PASS

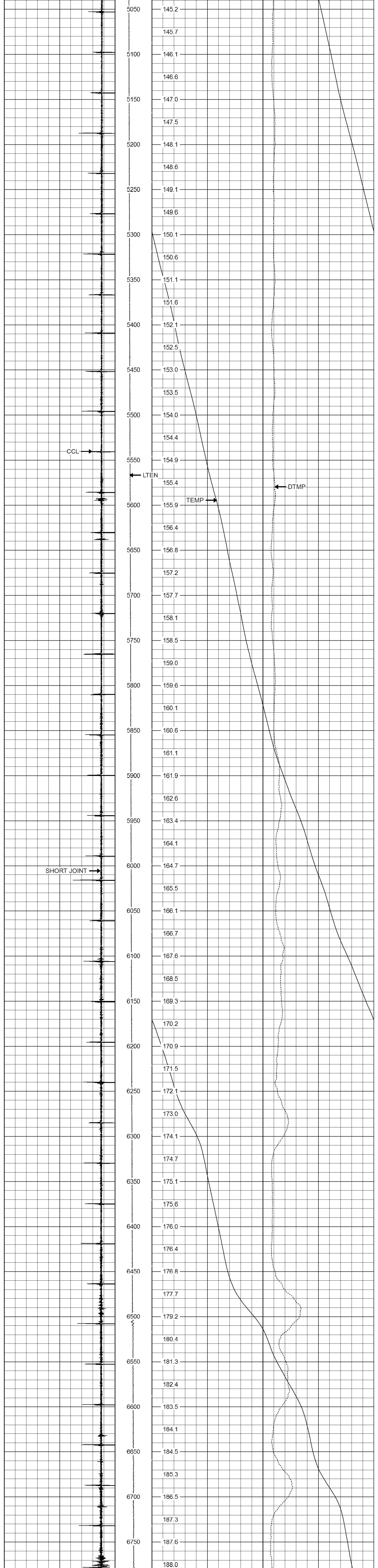
ROCKY MOUNTAIN WIRELINE SERVICE

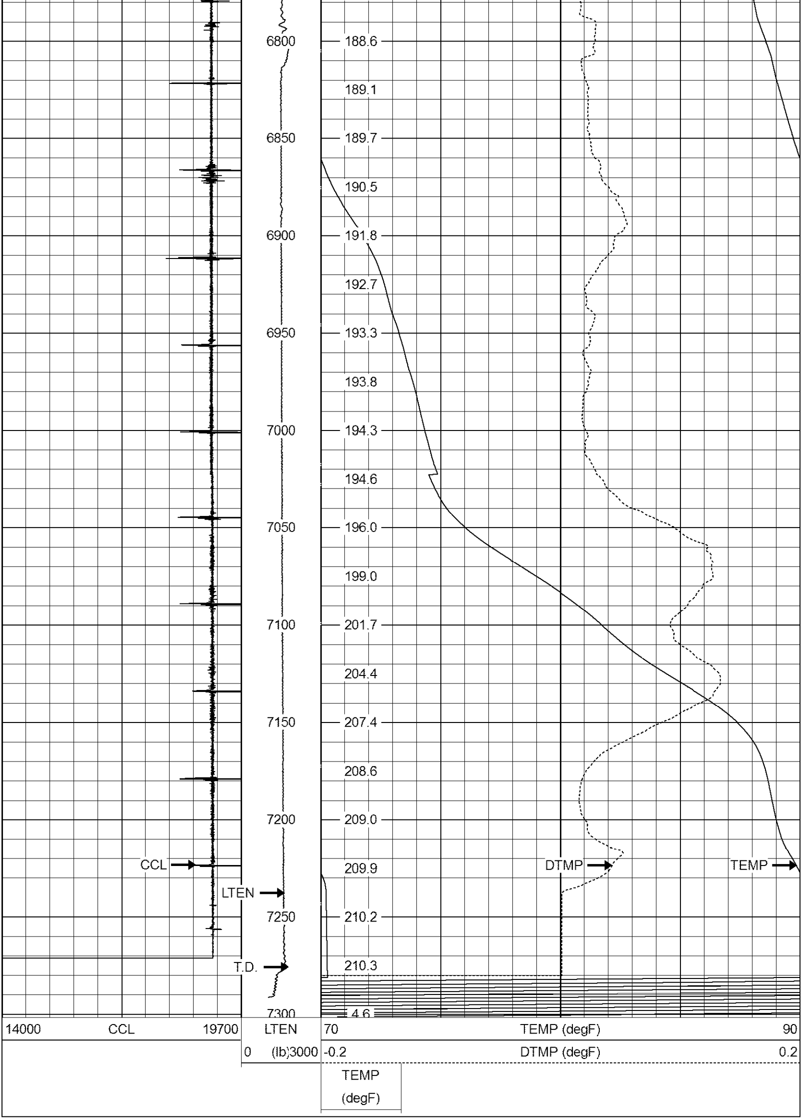
TEMP PASS

ROCKY MOUNTAIN WIRELINE SERVICE

Database File:	f:\041811_barrett_ggu_swanson_32c_29.db
Dataset Pathname:	main/pass2.1
Presentation Format:	RMWS_T~1
Dataset Creation:	Mon Apr 18 13:43:29 2011
Charted by:	Depth in Feet scaled 1:600







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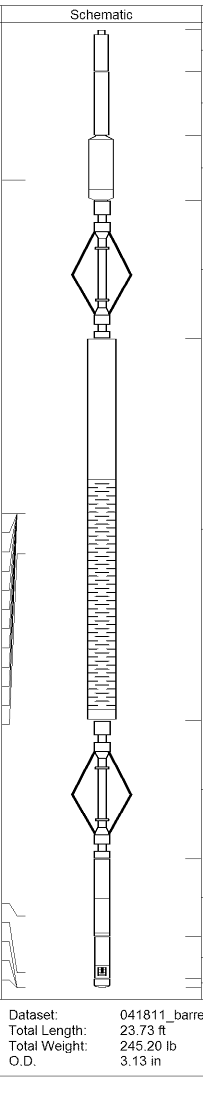
TEMP PASS

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CHD-AES (000001) Cable Head	1.04	1.69	2.00
			XTU-002 (216415) Crossover Ultrawire Toolbus To Ultralink	1.58	1.69	6.50
CCL	20.01		CCL-028 (1037) CCL UW 3 1/8" SONDEX	1.61	3.13	36.00
			SNDX 6 Arm PRC 022 W/ GO ADAPTORS	3.42	2.38	22.00
WVF3FT WVFS1 WVFS2 WVFS3 WVFS4 WVFS5 WVFS6 WVFS7 WVFS8 CBLTEMP CBLROT WVF5FT	11.74 11.74 11.74 11.74 11.74 11.74 11.74 11.74 11.74 11.74 11.74 10.74		RBT-004 (1122) Radial Bond Tool (UW 3 1/8)	9.47	3.13	140.00
			SNDX 6 Arm PRC 022 W/ GO ADAPTORS	3.42	2.38	22.00
GR	1.76		PGR-020 (AJD00094) Production Gamma Ray	1.93	1.69	9.50
TEMP	0.37		PRT-016 (216611) 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:	041811_barrett_ggu_swanson_32c_29.db: field/well/main/pass3
Total Length:	23.73 ft
Total Weight:	245.20 lb
O.D.	3.13 in

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Company	BILL BARRETT CORPORATION
Well	GGU SWANSON 32C-29-691
Field	GIBSON GULCH
County	GARFIELD
State	COLORADO