ROCKY MOUNTAIN WIRELINE SERVICE

CEMENT BOND LOG
GAMMA RAY \ CCL
TEMPERATURE

Company	BILL BARRETT CORPORATION		
Well	GGU DALEY 24C - 19 - 691		
Field	GIBSON GULCH		
County	GARFIELD	State	COLORADO
Location:	API # : 05-045-19585 SHL: 0332' FSL & 2006' FWL BHL: 0830' FSL & 1980' FWL SEC 19 TWP 6S RGE 91W		Other Services 3.75" GAUGE RING
Permanent Datum	G.L.	Elevation 5824'	Elevation K.B. 5847' D.F. 5846' G.L. 5824'
Log Measured From	K.B.	Ft Above PD 23'	
Drilling Measured From	K.B.		

Date	06 - 24 - 2011		
Run Number	ONE		
Depth Driller	7350'		
Present Depth Driller	N/A		
Depth Logger	7293'		
Bottom Logged Interval	7292'		
Top Log Interval	2000'		
Fluid Level	SURFACE		
Type Fluid	WATER		
Max. Recorded Temp.	209.5° F		
Estimated Cement Top	2610'		
Equipment Number	208		
Location	GRAND JCT.		
Recorded By	INRGAM		
Witnessed By	MR. BEAUXIS		

	Borehole Record			Casing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	8.750"	813'	5307'	9.625"	36 #	SURFACE	813'
TWO	7.875"	5307'	7350'	4.5"	11.6#	SURFACE	7350'

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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: LOG WAS DEPTH CORRELATED USING WEATHERFORD OPENHOLE DATED 6-10-11
SHORT JOINTS: 4194' TO 4227' & 5851' TO 5879'
MAIN PASS 5" = 100'
TEMP. PASS 2" = 100'
CSG PSI = STATIC

Calibration Report

Database File: C:\Warrior\Data\BBC_DALEY\GGU DALEY 14-19 PAD\062411_barrett_ggu_daley_24c_19.db
Dataset Pathname: main/pass1.2
Dataset Creation: Sat Jun 25 08:56:00 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:	217692	
Tool Model:	020	
Performed:	Wed Apr 06 13:50:00 2011	
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:	308.292	ft

Master Calibration, performed Fri Jun 24 17:20:28 2011:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3FT	0.004	0.987	1.000	81.196	72.585	0.993
5FT	-0.001	0.964	1.000	81.196	70.796	0.994
S1	0.004	1.020	0.000	100.000	98.484	-0.417
S2	0.004	0.991	0.000	100.000	101.227	-0.365
S3	0.007	0.951	0.000	100.000	105.980	-0.765
S4	0.005	0.968	0.000	100.000	103.878	-0.507
S5	0.006	0.992	0.000	100.000	101.458	-0.651
S6	0.006	1.026	0.000	100.000	98.028	-0.596
S7	0.007	1.016	0.000	100.000	99.158	-0.725
S8	0.007	1.008	0.000	100.000	99.891	-0.726

Calibration Report

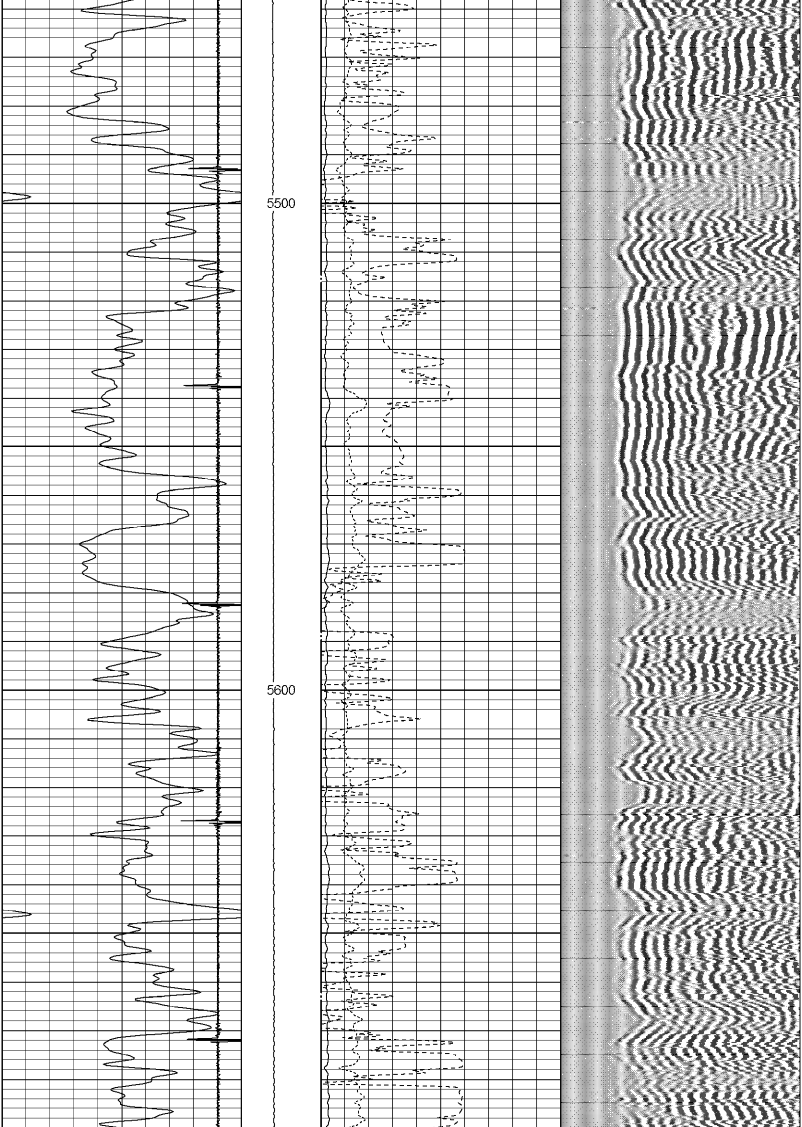
Serial Number: 1123
Tool Model: 004
Performed:

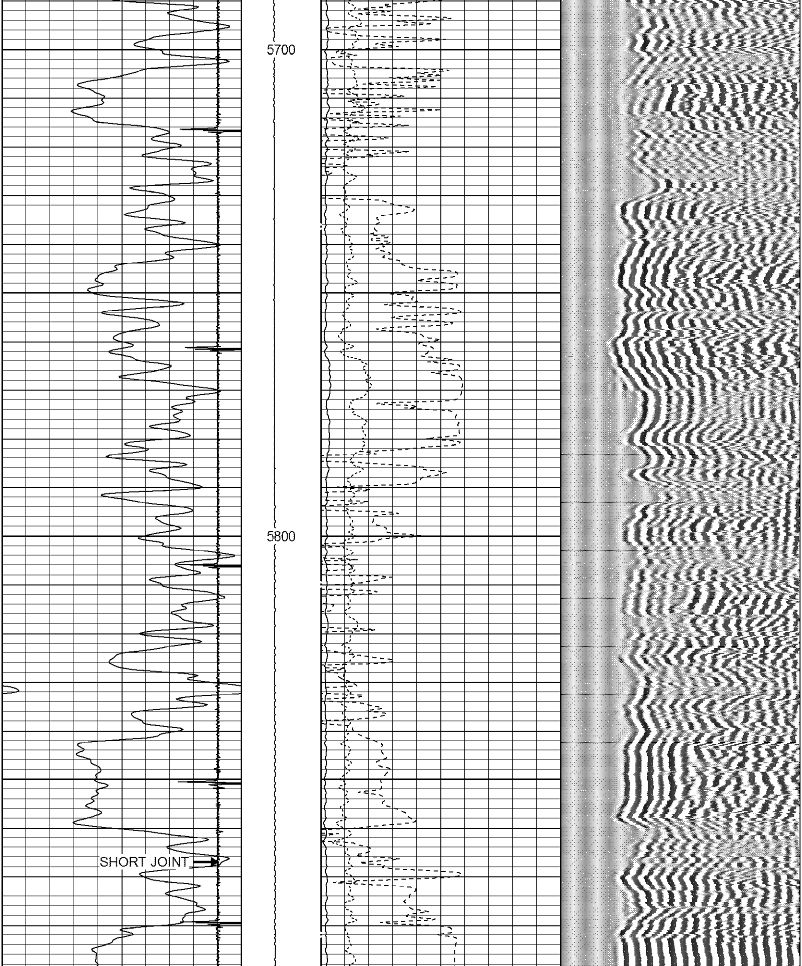
	Reference (degF)	Reading ()
Low:	0.000	0.000
High:	1.000	1.000
	Gain = 1.000	Offset= 0.000

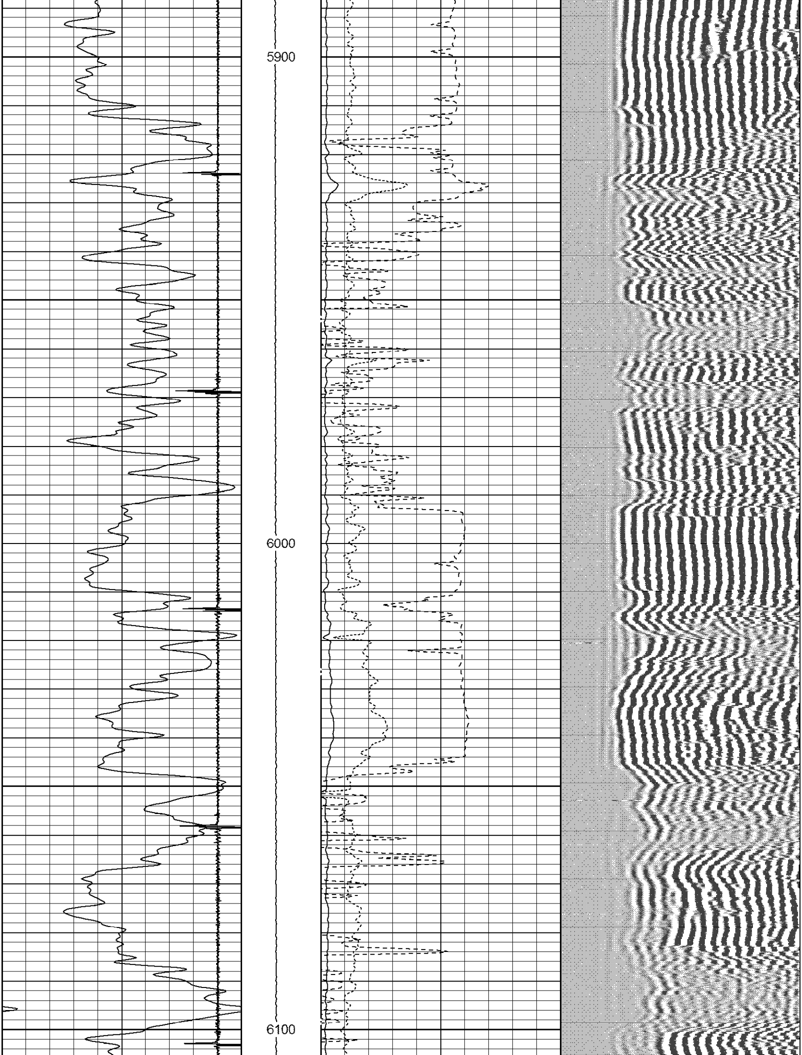
ROCKY MOUNTAIN WIRELINE SERVICE

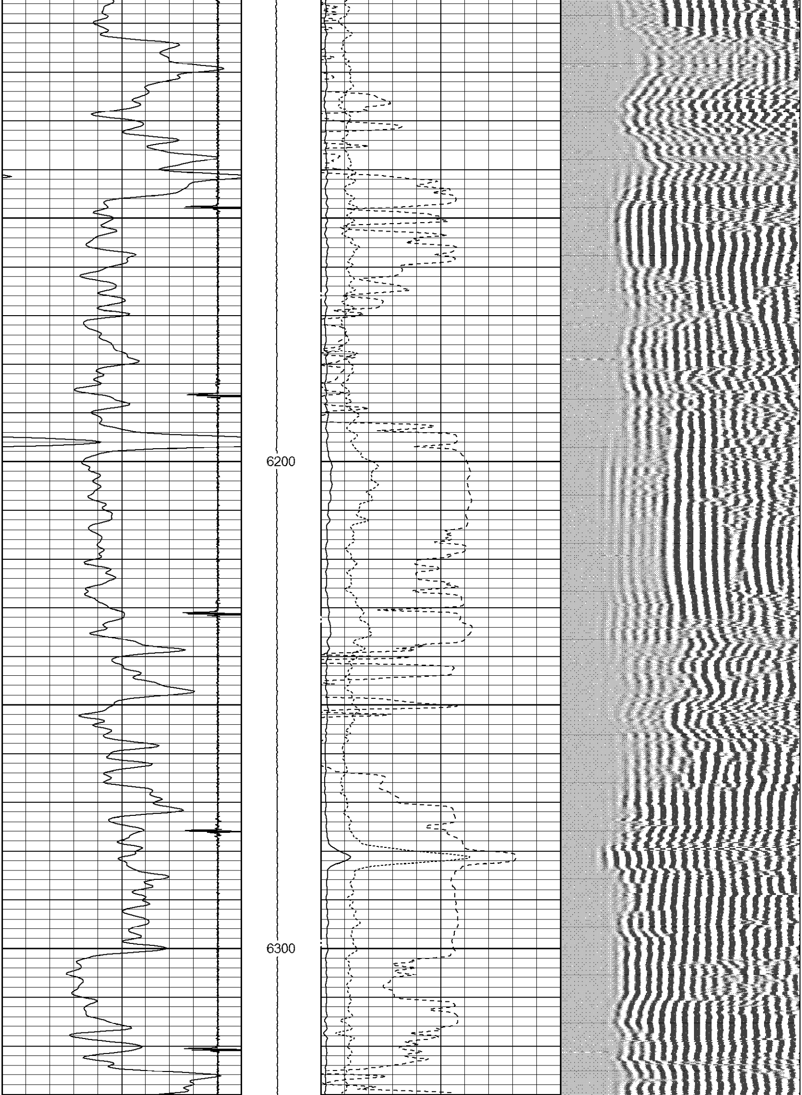
MAIN PASS

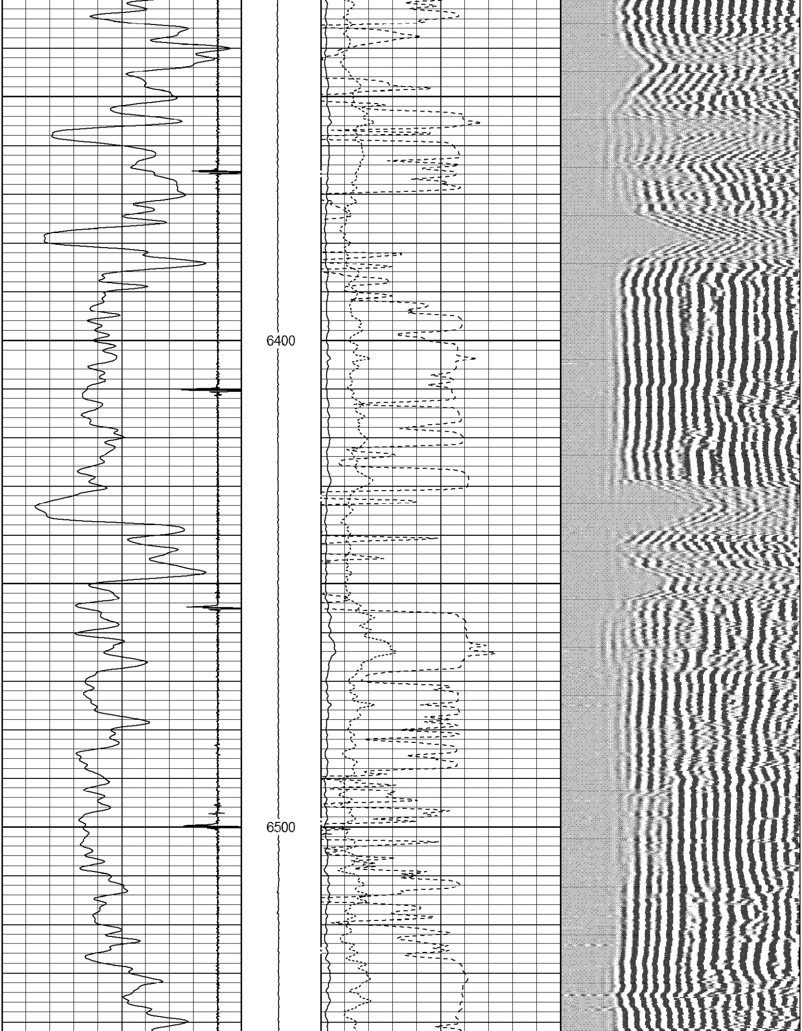
Database File: c:\warrior\data\bbc_daley\ggu daley 14-19 pad\062411_barrett_ggu_daley_24c_19.db
Dataset Pathname: main/pass1.2
Presentation Format: rmws_dsc
Dataset Creation: Sat Jun 25 08:56:00 2011 by Calc Std Casedhole 10121
Charted by: Depth in Feet scaled 1:240

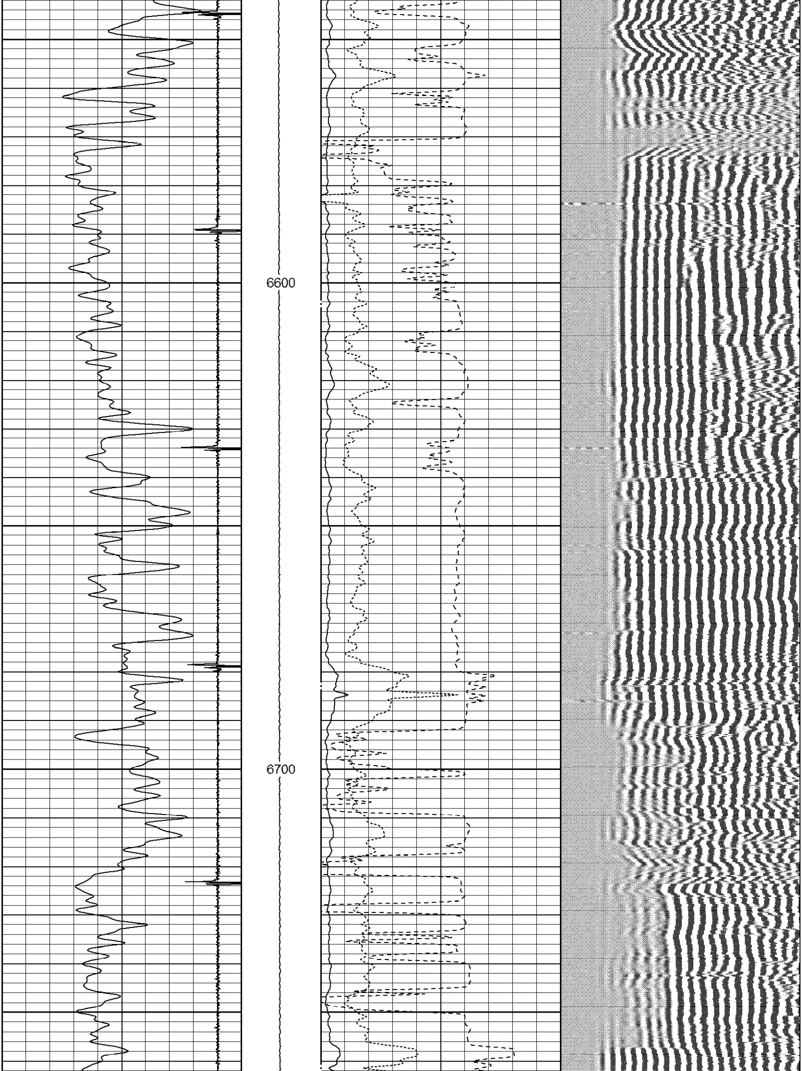


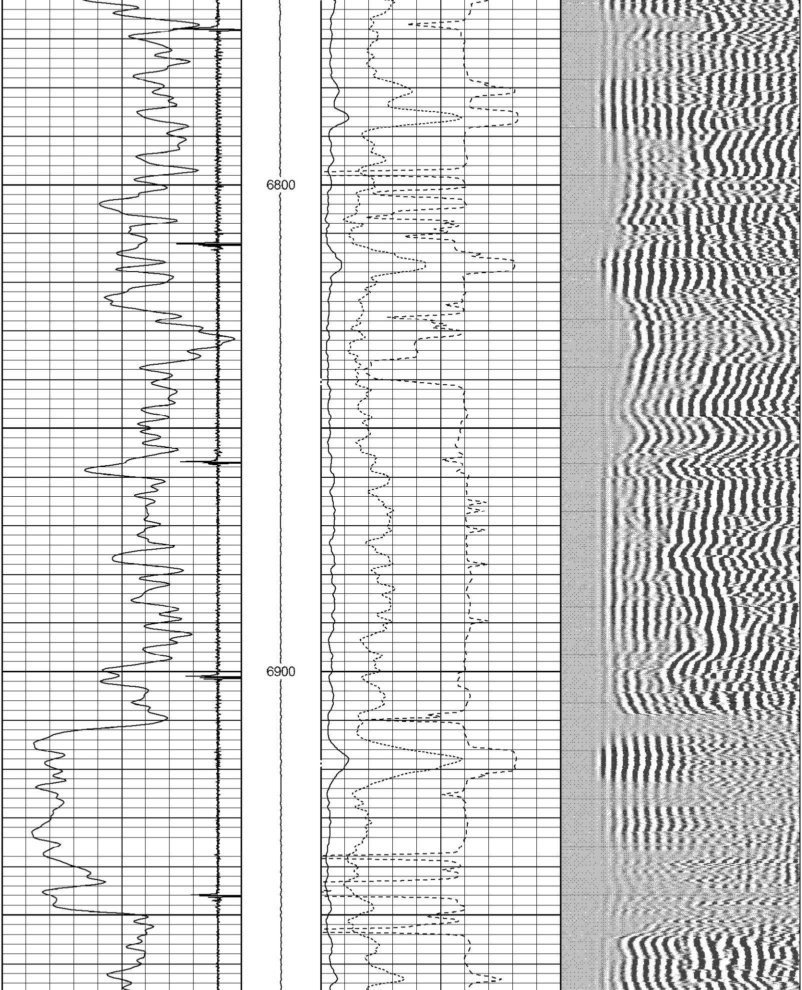


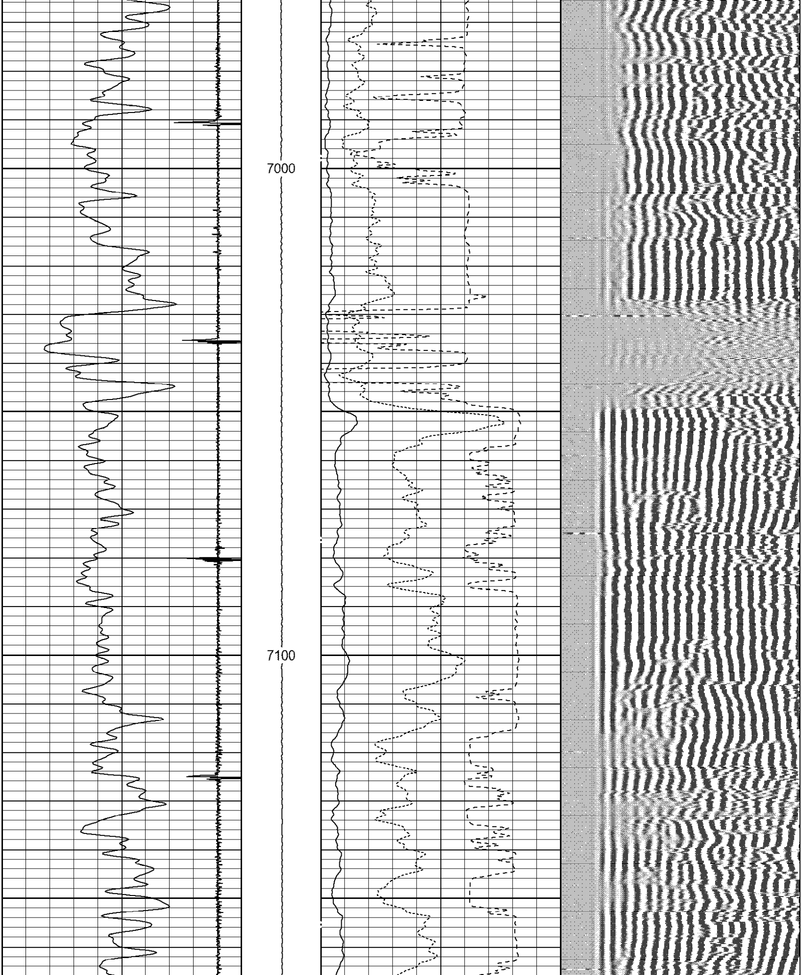


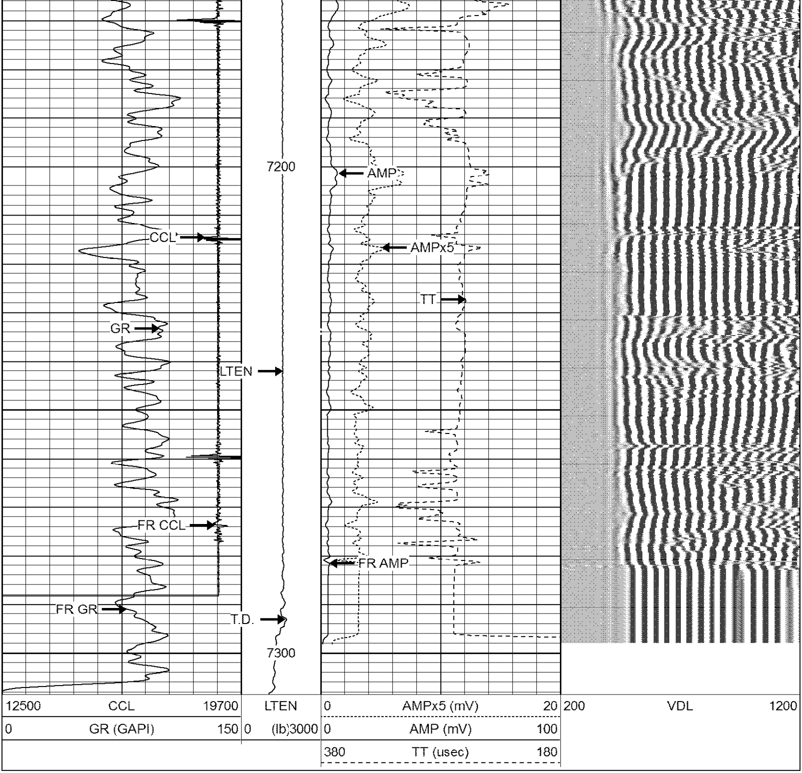








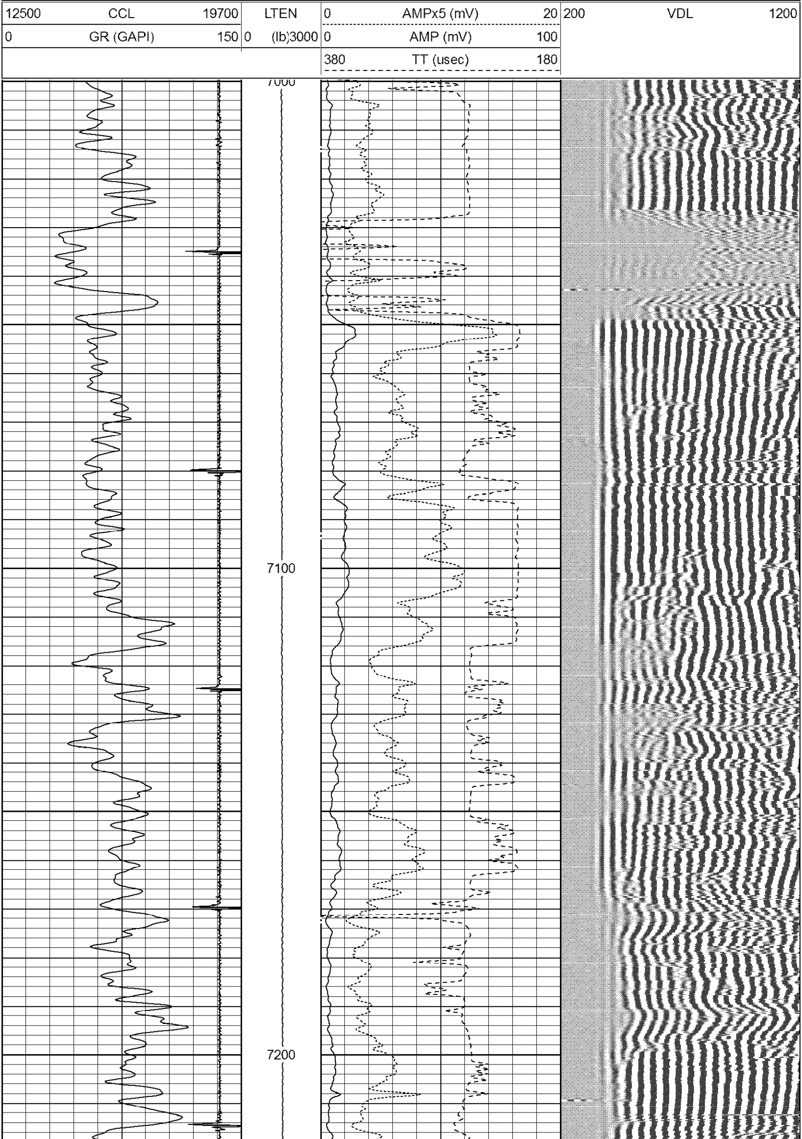


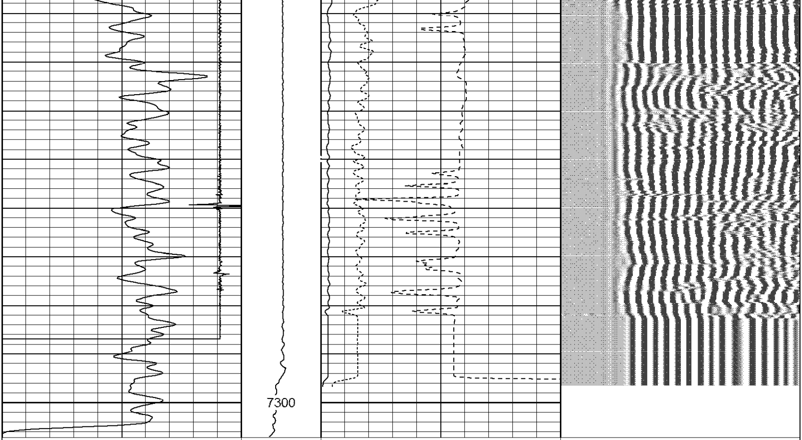


ROCKY MOUNTAIN WIRELINE SERVICE

REPEAT PASS

Database File: c:\warrior\data\bbc_daley\ggu daley 14-19 pad\062411_barrett_ggu_daley_24c_19.db
Dataset Pathname: repeat/pass1.1
Presentation Format: rmws_dsc
Dataset Creation: Sat Jun 25 08:57:10 2011 by Calc Std Casedhole 10121
Charted by: Depth in Feet scaled 1:240





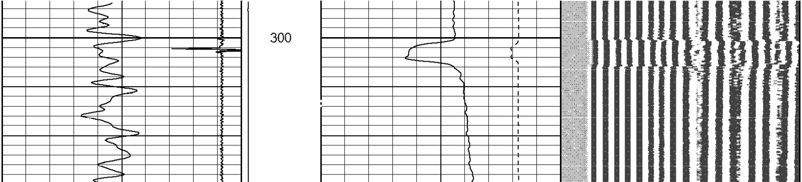
12500 CCL 19700	LTEN	0 AMPx5 (mV) 20	200 VDL 1200
0 GR (GAPI) 150	0 (lb)3000	0 AMP (mV) 100	
		380 TT (usec) 180	

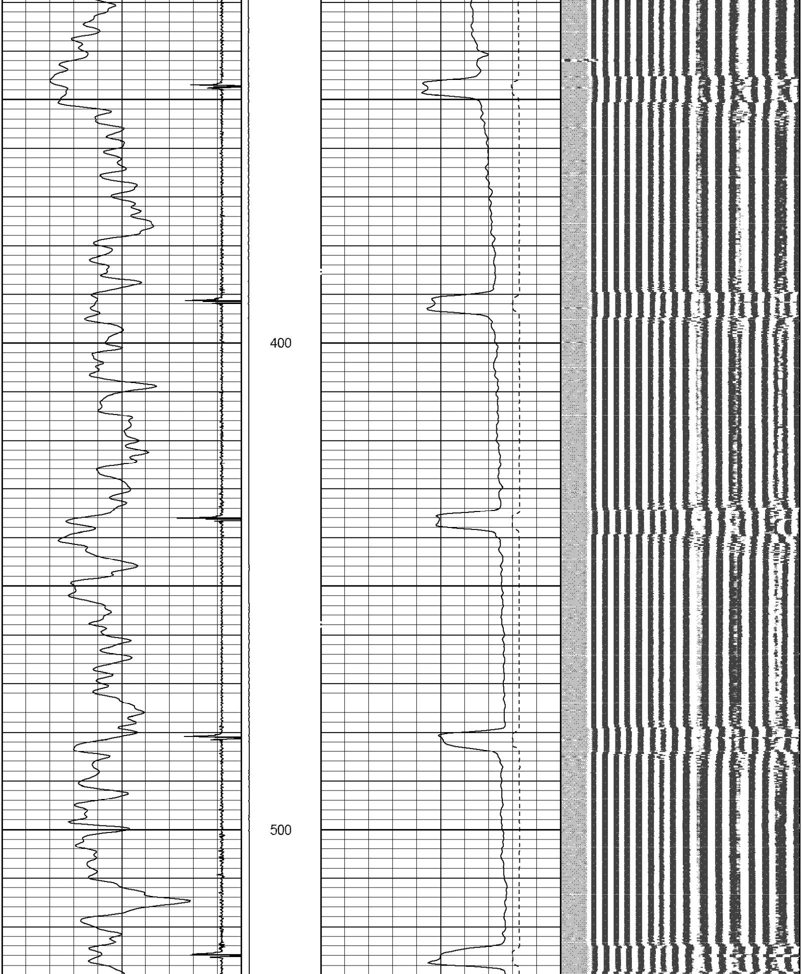
RMWS
ROCKY MOUNTAIN WIRELINE SERVICE

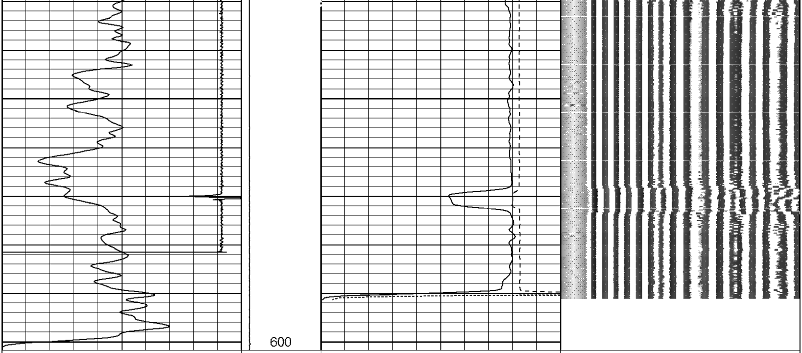
FREE PIPE PASS

Database File: c:\warrior\data\bbc_daley\ggu daley 14-19 pad\062411_barrett_ggu_daley_24c_19.db
Dataset Pathname: freepipe/pass1.1
Presentation Format: rmws_dsc
Dataset Creation: Sat Jun 25 08:54:49 2011 by Calc Std Casedhole 10121
Charted by: Depth in Feet scaled 1:240

12500 CCL 19700	LTEN	0 AMPx5 (mV) 20	200 VDL 1200
0 GR (GAPI) 150	0 (lb)3000	0 AMP (mV) 100	
		380 TT (usec) 180	







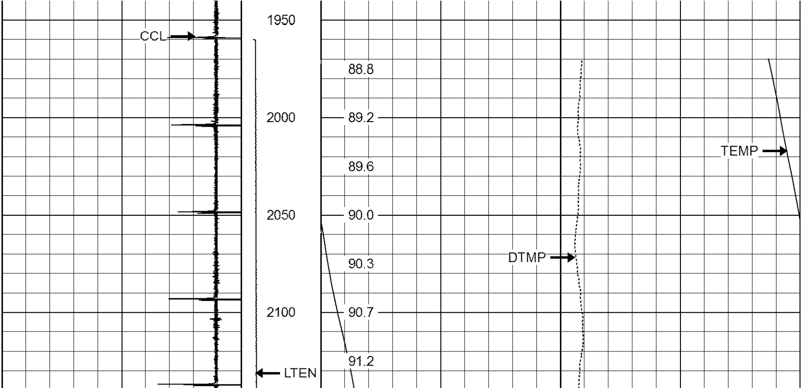
12500 CCL 19700	LTEN	0 AMPx5 (mV) 20	200 VDL 1200
0 GR (GAPI) 150	0 (lb)3000	0 AMP (mV) 100	
		380 TT (usec) 180	

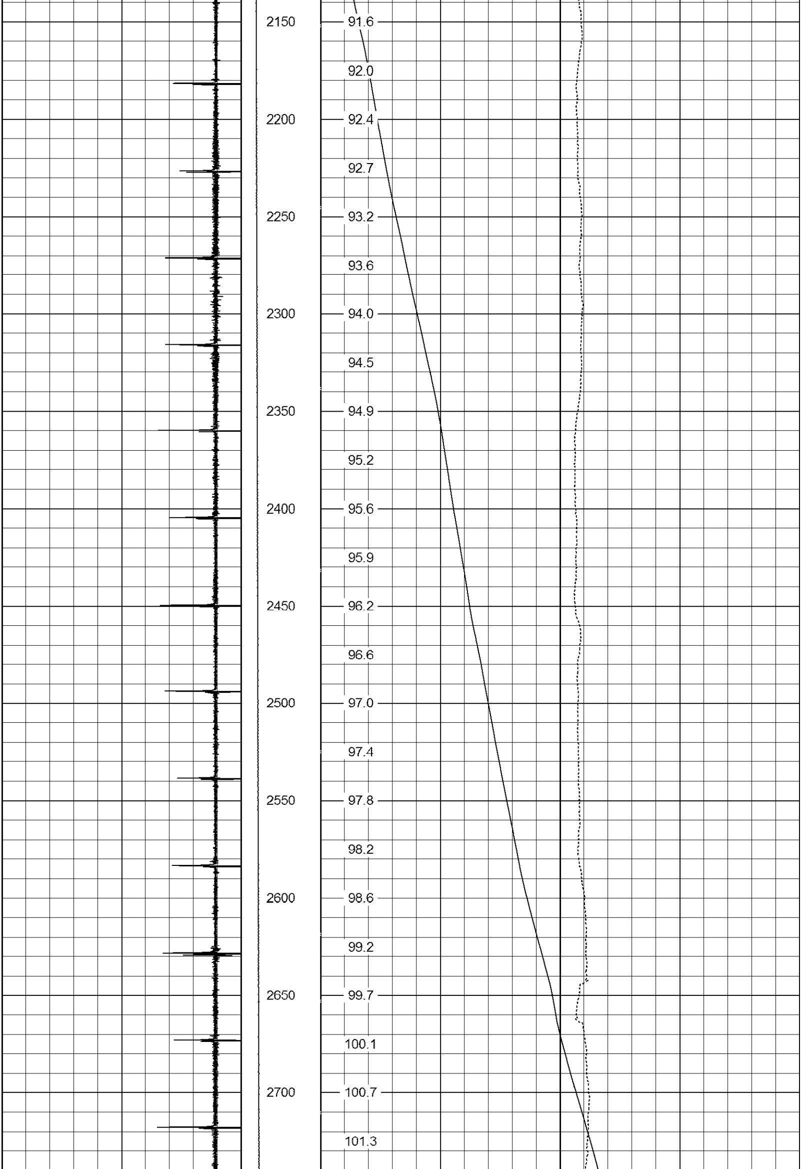
RMWS
ROCKY MOUNTAIN WIRELINE SERVICE

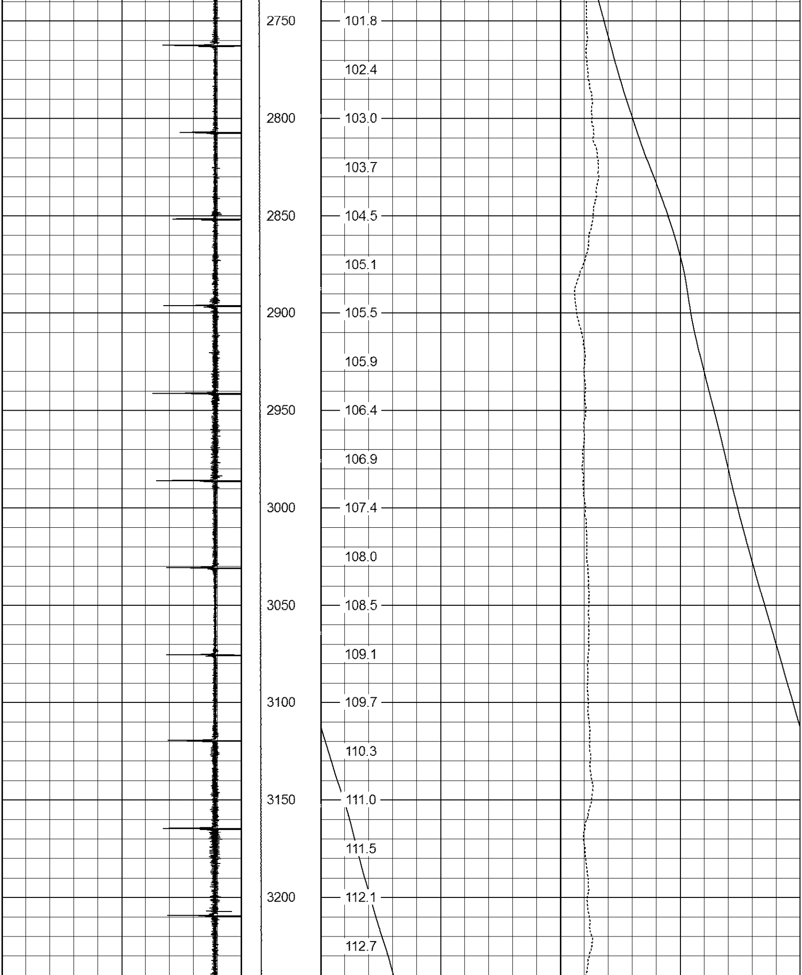
TEMP PASS

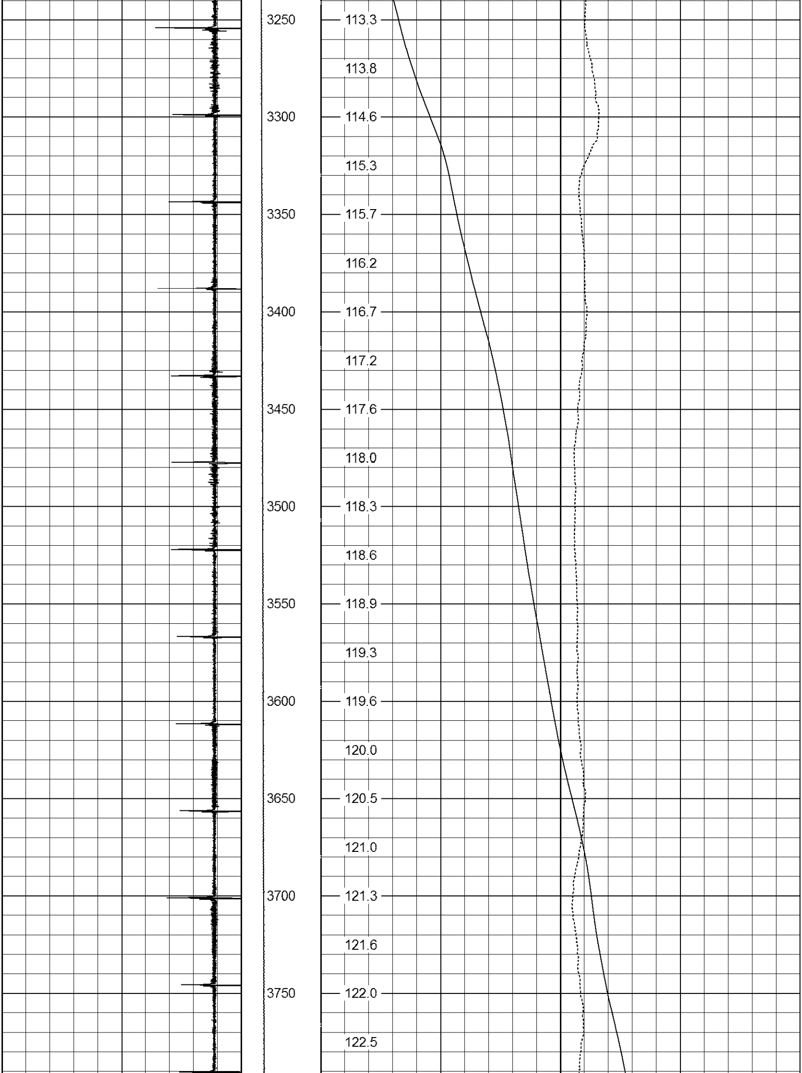
Database File:	c:\warrior\data\bbc_daley\ggu daley 14-19 pad\062411_barrett_ggu_daley_24c_19.db
Dataset Pathname:	main/pass1.1
Presentation Format:	RMWS_T~1
Dataset Creation:	Sat Jun 25 08:45:22 2011
Charted by:	Depth in Feet scaled 1:600

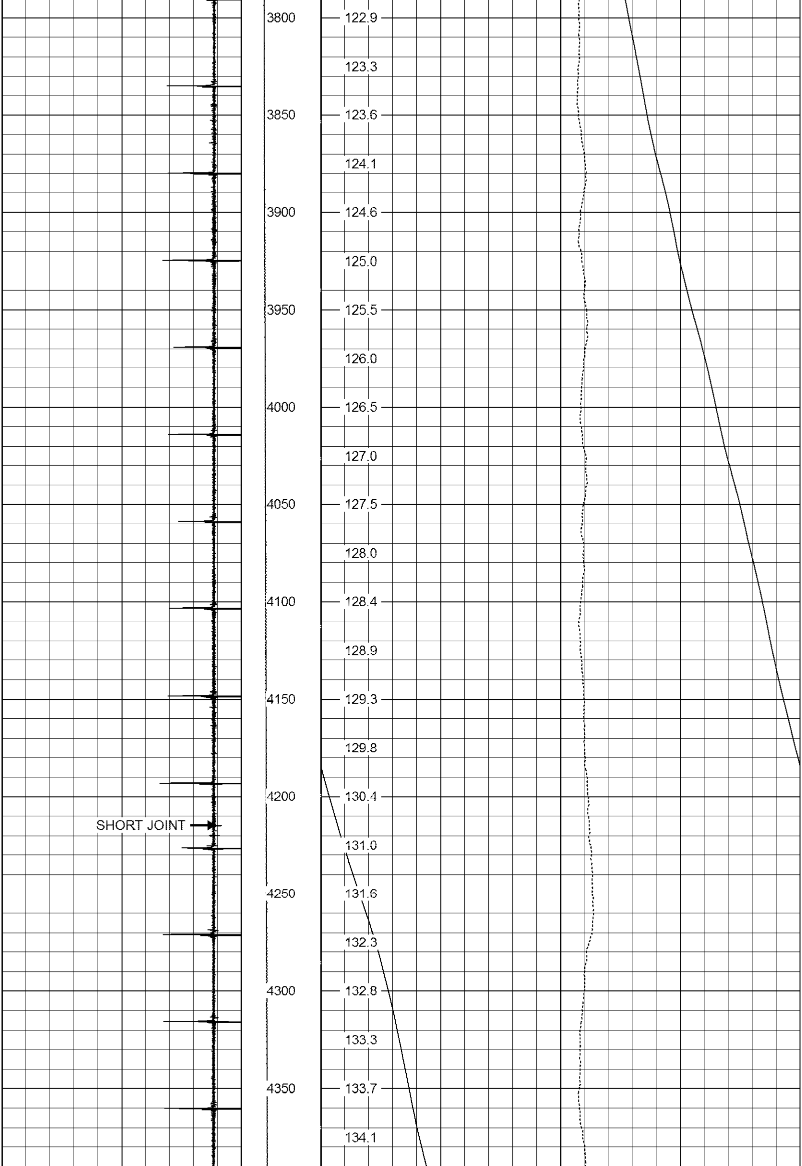
14000 CCL 19700	LTEN	70 TEMP (degF) 90
	0 (lb)3000	-0.2 DTMP (degF) 0.2
		TEMP (degF)

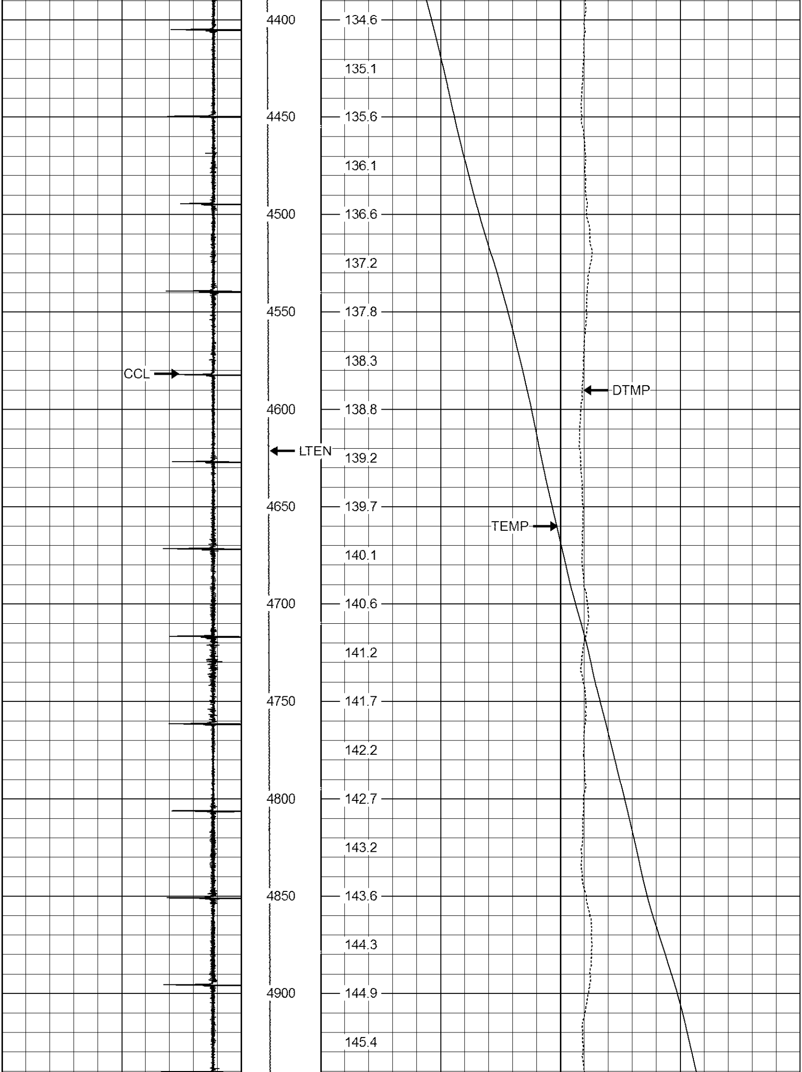


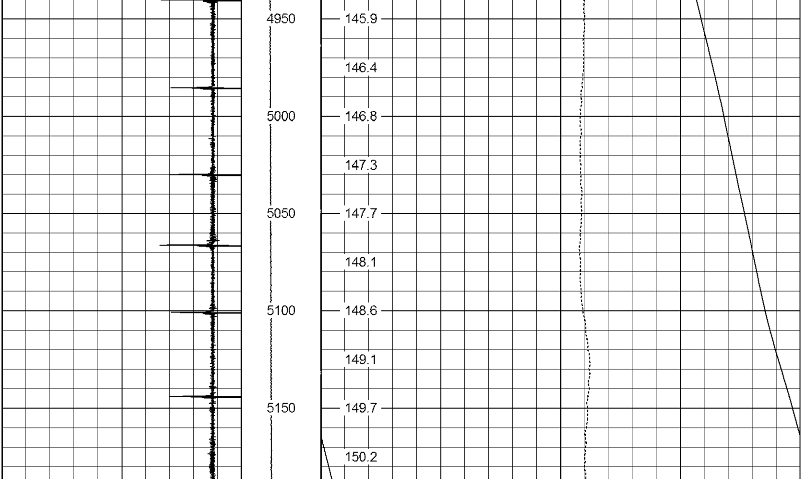


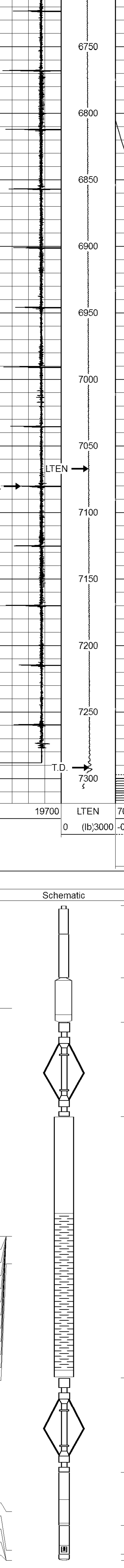










Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CHD-AES (000001) Cable Head	1.04	1.69	2.00
			XTU-002 (216415) Crossover Ultrawire Toolbus To Ultralink	1.58	1.69	6.50
CCL	20.01		CCL-028 (1037) CCL UW 3 1/8" SONDEX	1.61	3.13	36.00
			SNDX 6 Arm PRC 022 W/ GO ADAPTORS	3.42	2.38	22.00
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 (1123) 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 (217692) 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: 062411_barrett_ggu_daley_24c_19.db: field/well/main/pass1.2
Total Length: 23.73 ft
Total Weight: 245.20 lb
O.D. 3.13 in

RMWS
ROCKY MOUNTAIN WIRELINE SERVICE

Company	BILL BARRETT CORPORATION
Well	GGU DALEY 24C - 19 - 691
Field	GIBSON GULCH
County	GARFIELD
State	COLORADO