ROCKY MOUNTAIN WIRELINE SERVICE

CEMENT BOND LOG
GAMMA RAY / CCL
TEMPERATURE

Company	BILL BARRETT CORPORATION
Well	GGU FEDERAL 12D - 28 - 691
Field	GIBSON GULCH
County	GARFIELD
State	COLORADO
Location:	API #: 05 - 045 - 19211
	SHL: 1921' FNL & 1862' FWL
	BHL: 1541' FNL & 0664' FWL
	SEC 28 TWP 6S RGE 91W
Other Services	3.75" GAUGE RING
Permanent Datum	G.L. Elevation 6332'
Log Measured From	K.B. Ft Above PD 22'
Drilling Measured From	K.B.
Elevation	K.B. 6354' D.F. 6353' G.L. 6332'
Date	09 - 18 - 2010
Run Number	ONE
Depth Driller	7821'
Present Depth Driller	NA
Depth Logger	7717'
Bottom Logged Interval	7715'
Top Log Interval	2350'
Fluid Level	SURFACE
Type Fluid	WATER
Max. Recorded Temp.	210.3° F
Estimated Cement Top	2950'
Equipment Number	208
Location	GRAND JCT.
Recorded By	INGRAM
Witnessed By	MR. BEAUXIS

Borehole Record				Casing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	8.750"	834'	5212'	9.625"	36#	SURFACE	834'
TWO	7.880"	5212'	7821'	4.5"	11.6#	SURFACE	7821'

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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 WEATHER OPEN HOLE LOG DATED 9-10-2010
SHORT JOINTS: 5267' TO 5288' & 6449' TO 6472'
MAIN PASS 5" = 100'
TEMP PASS 2" = 100'
CSG PSI = STATIC

Calibration Report

Database File: 091810_barrett_ggu_fed_12d_28.db
Dataset Pathname: main/pass1.1
Dataset Creation: Mon Sep 20 10:09:38 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

Type / Serial: 020 / 217692

SHOP CALIBRATION	Thu Sep 16 15:13:51 2010				
	Counts/Sec.	Gain	Offset	Jig	Units
Background	0.0				cps
Calibrator	1.0				cps
		1.2000			GAPI/cps
PRIMARY VERIFICATION					
Background	0.0				cps
Calibrator	0.0				cps
Difference				0.0	GAPI
BEFORE SURVEY VERIFICATION					
Background	0.0				cps
Calibrator	0.0				cps
Difference				0.0	GAPI
AFTER SURVEY VERIFICATION					
Background	0.0				cps
Calibrator	0.0				cps
Difference				0.0	GAPI

Segmented Cement Bond Log Calibration Report

Serial Number: 1123
Tool Model: 004

Calibration Casing Diameter: 4.500 in
Calibration Depth: 195.821 ft

Master Calibration, performed Sat Sep 18 17:04:22 2010:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3FT	0.004	1.009	1.000	81.196	79.765	0.707
5FT	-0.001	0.989	1.000	81.196	81.042	1.060
S1	0.004	1.088	0.000	100.000	92.301	-0.391
S2	0.004	1.018	0.000	100.000	98.615	-0.355
S3	0.007	0.944	0.000	100.000	106.700	-0.770
S4	0.005	0.946	0.000	100.000	106.205	-0.519
S5	0.006	0.984	0.000	100.000	102.332	-0.657
S6	0.006	1.036	0.000	100.000	97.131	-0.590
S7	0.007	1.079	0.000	100.000	93.311	-0.682
S8	0.007	1.102	0.000	100.000	91.309	-0.663

Calibration Report

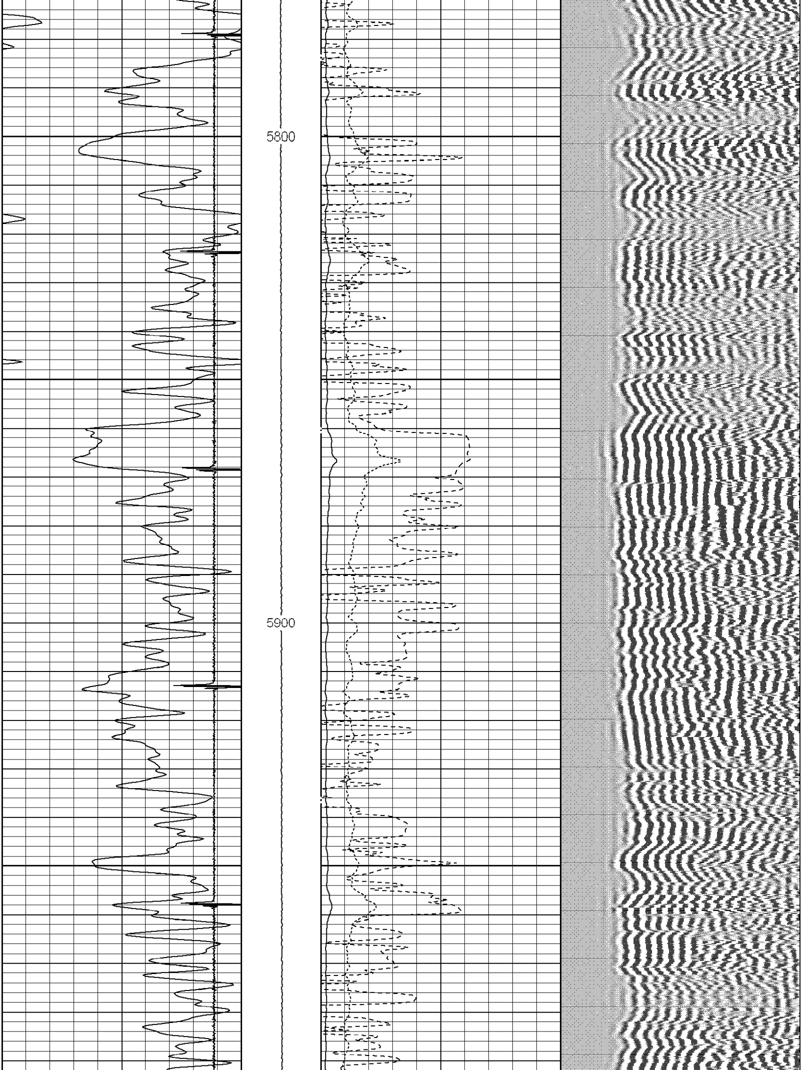
Serial Number: 1123
Tool Model: 004
Performed:

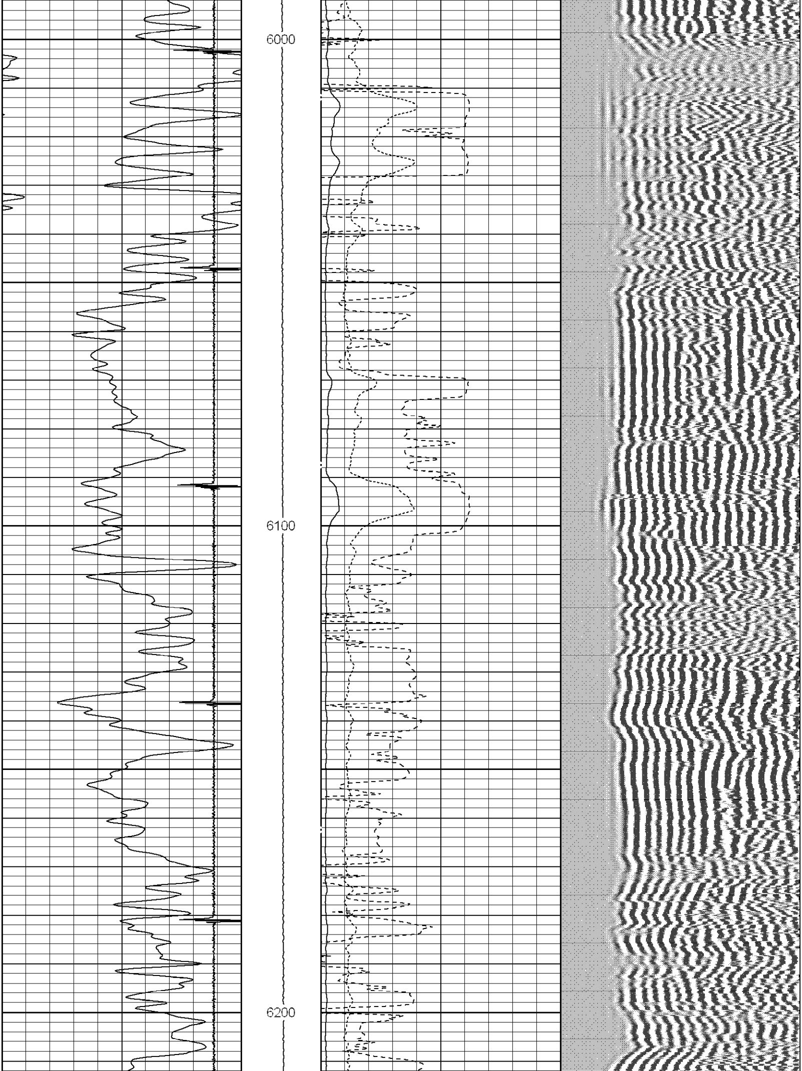
	Reference (degF)	Reading ()
Low:	0.000	0.000
High:	1.000	1.000
	Gain = 1.000	Offset= 0.000

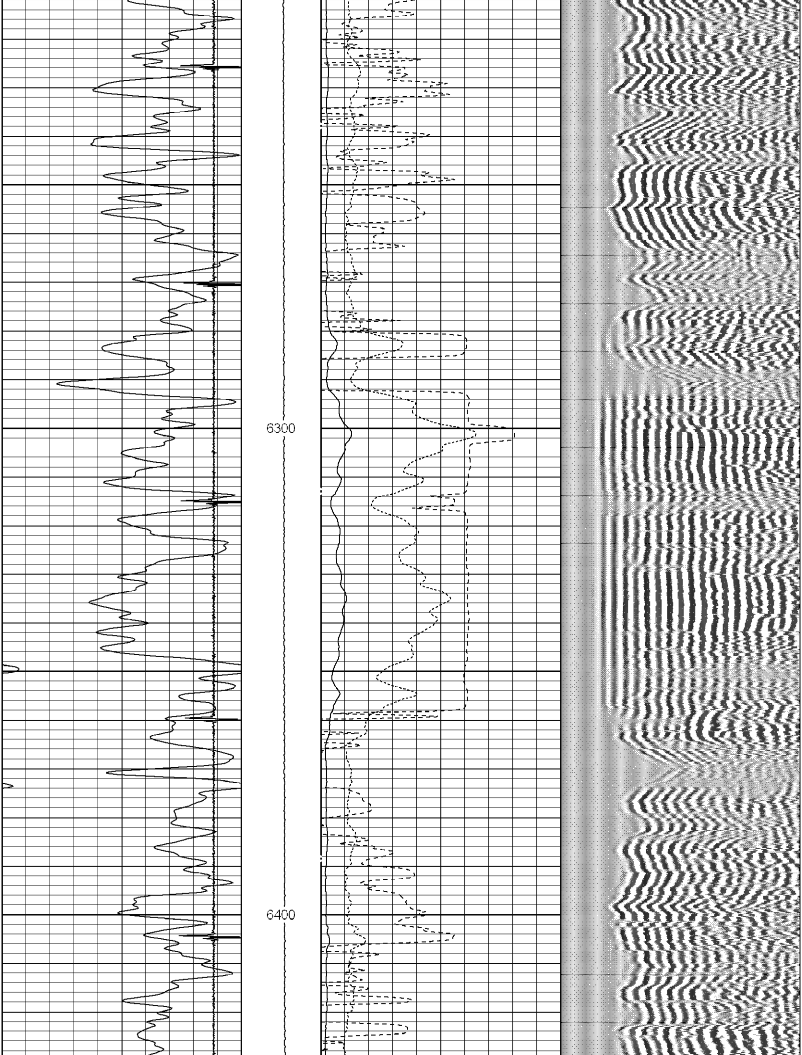
ROCKY MOUNTAIN WIRELINE SERVICE

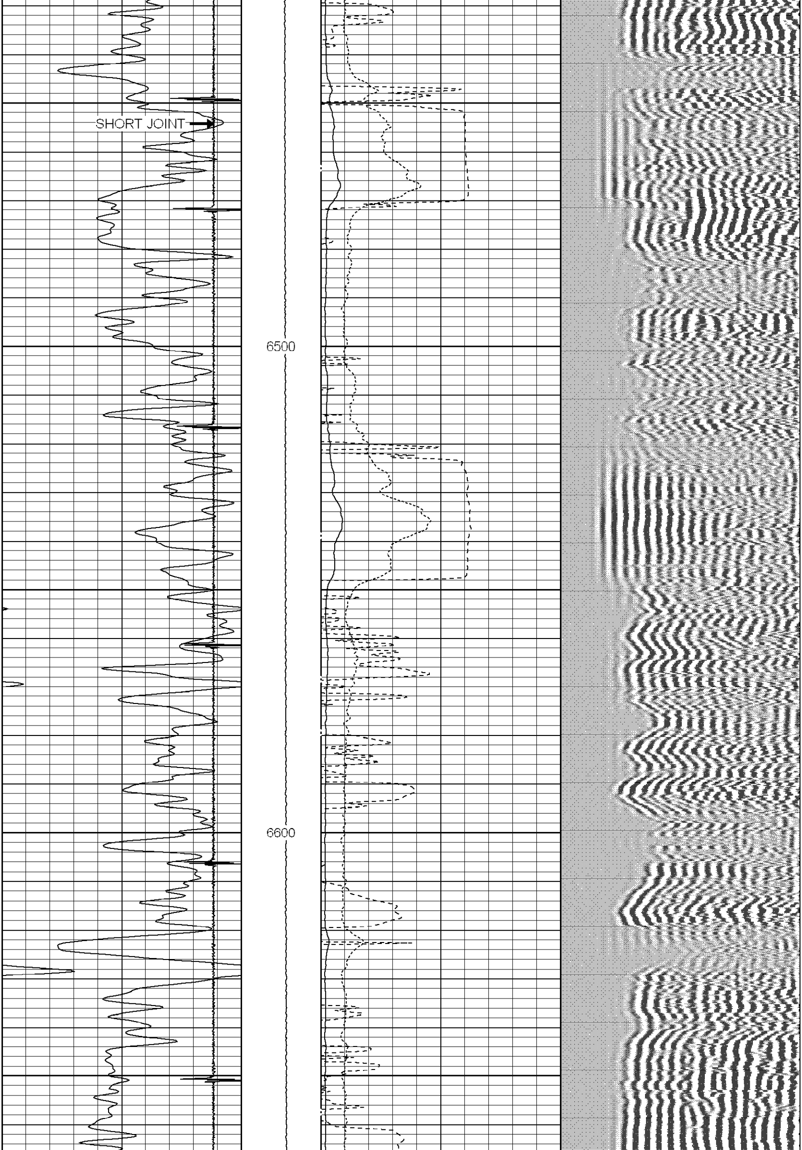
MAIN PASS

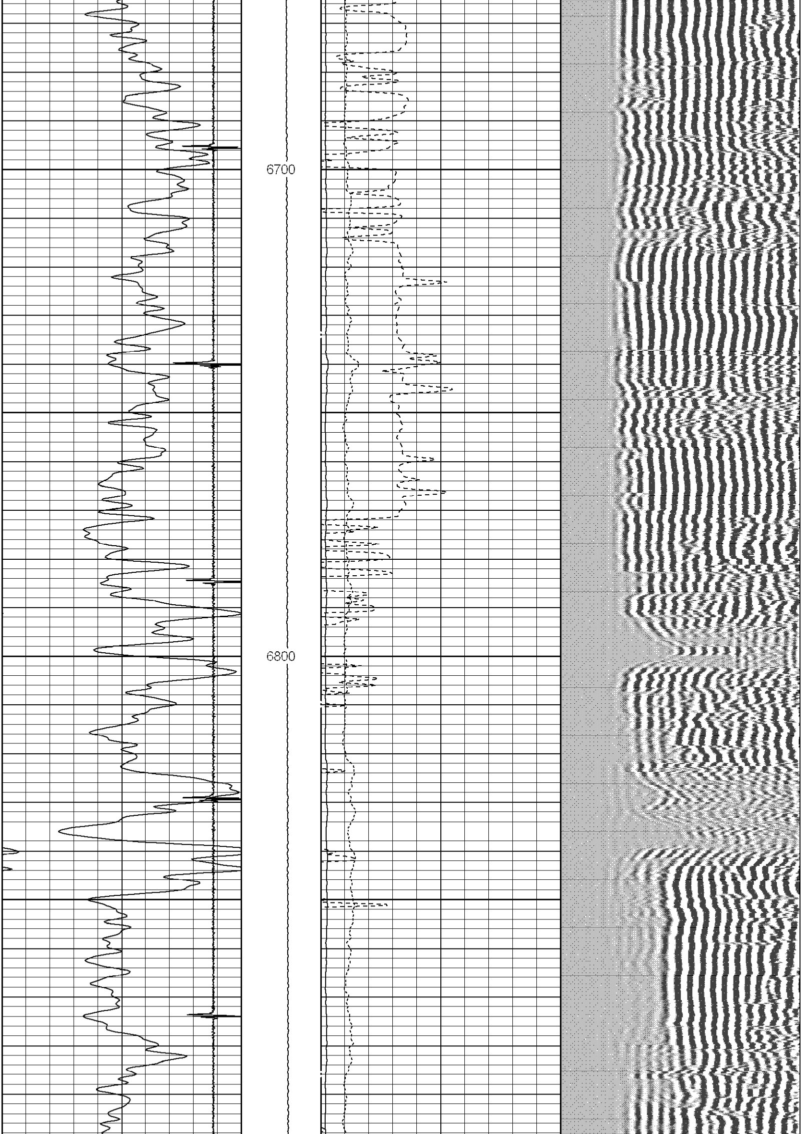
Database File: 091810_barrett_ggu_fed_12d_28.db
Dataset Pathname: main/pass1.1
Presentation Format: rmws_dsc
Dataset Creation: Mon Sep 20 10:09:38 2010
Charted by: Depth in Feet scaled 1:240

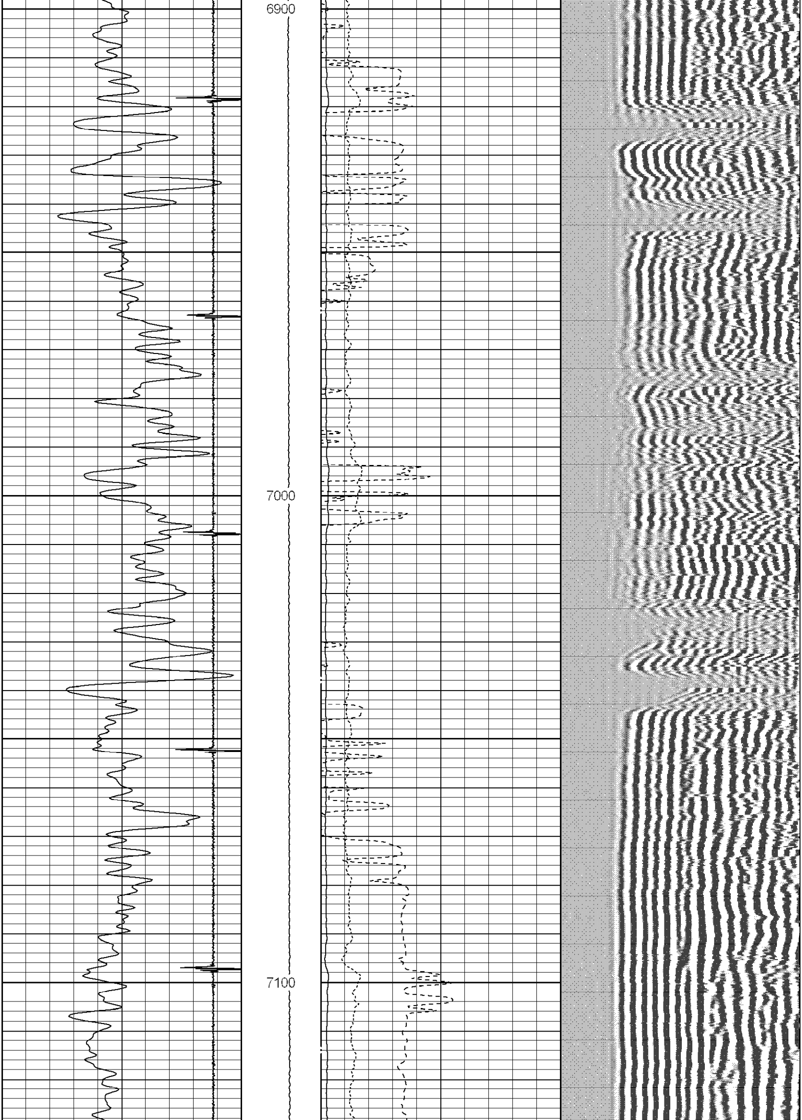


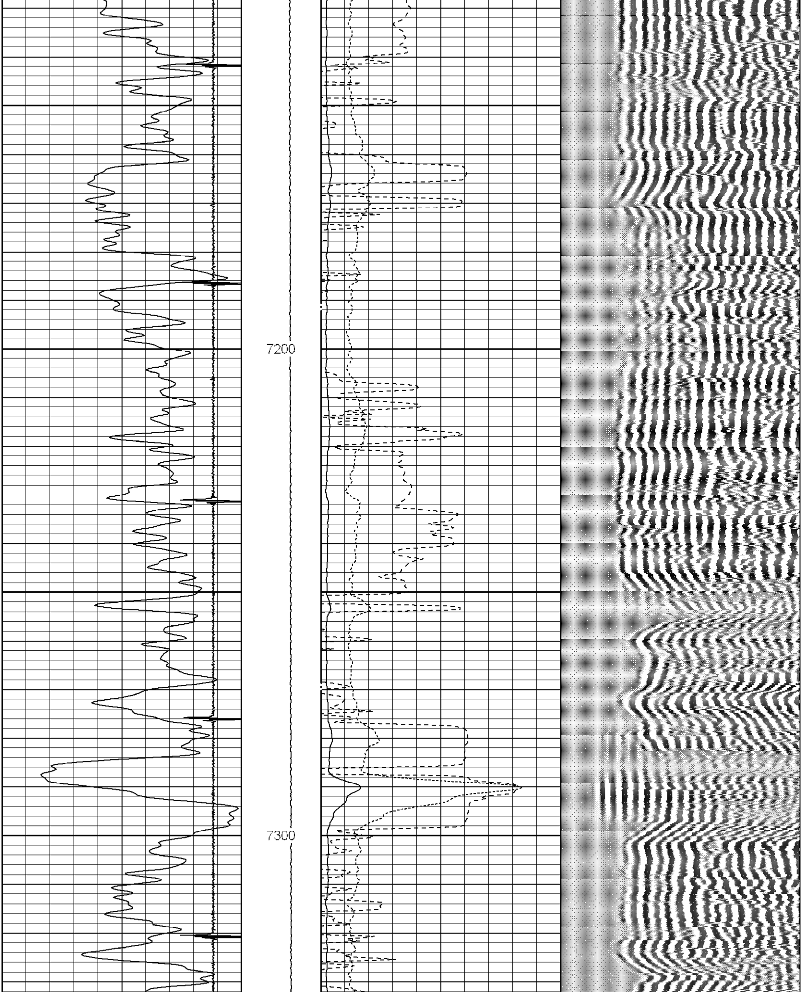


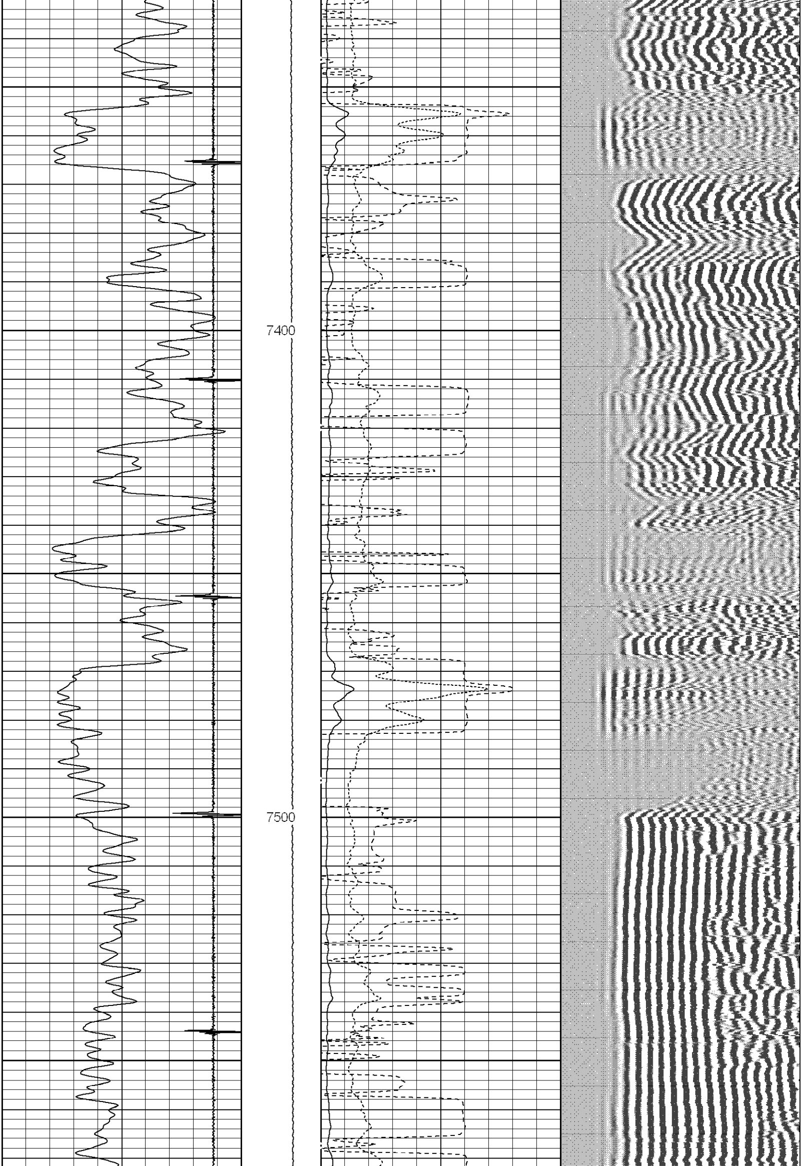


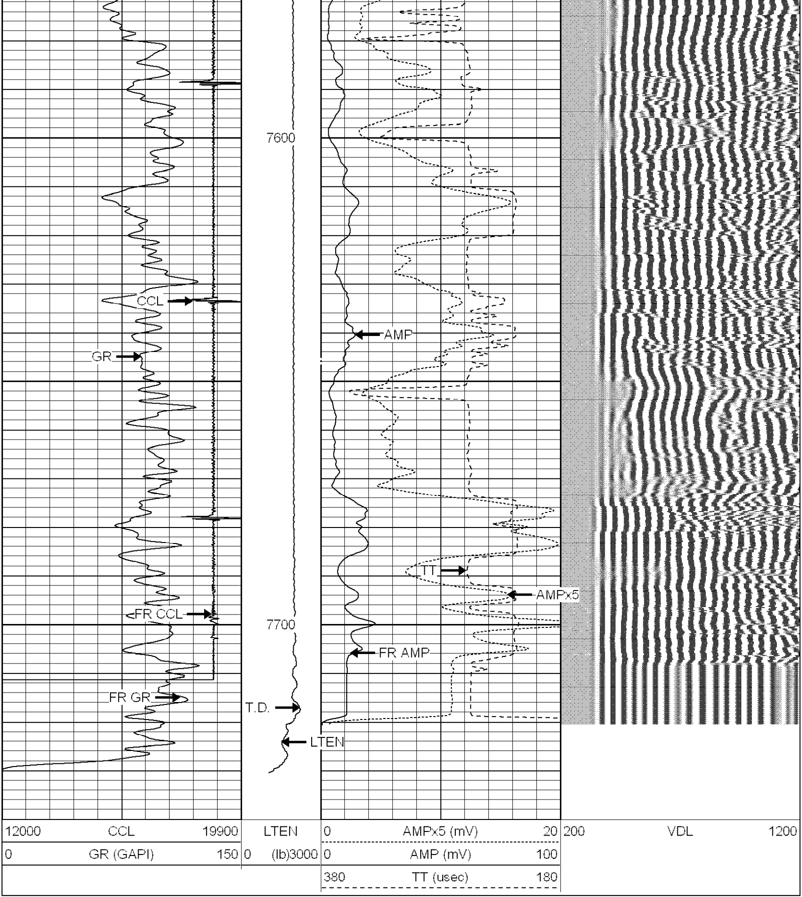












RMWS
ROCKY MOUNTAIN WIRELINE SERVICE

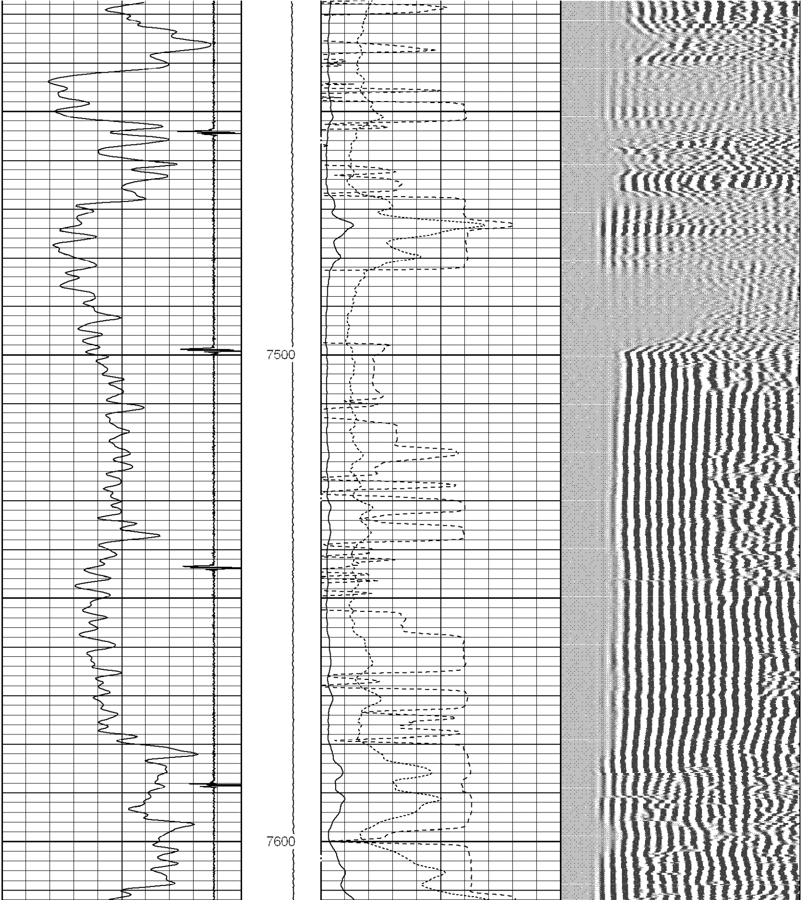
MAIN PASS

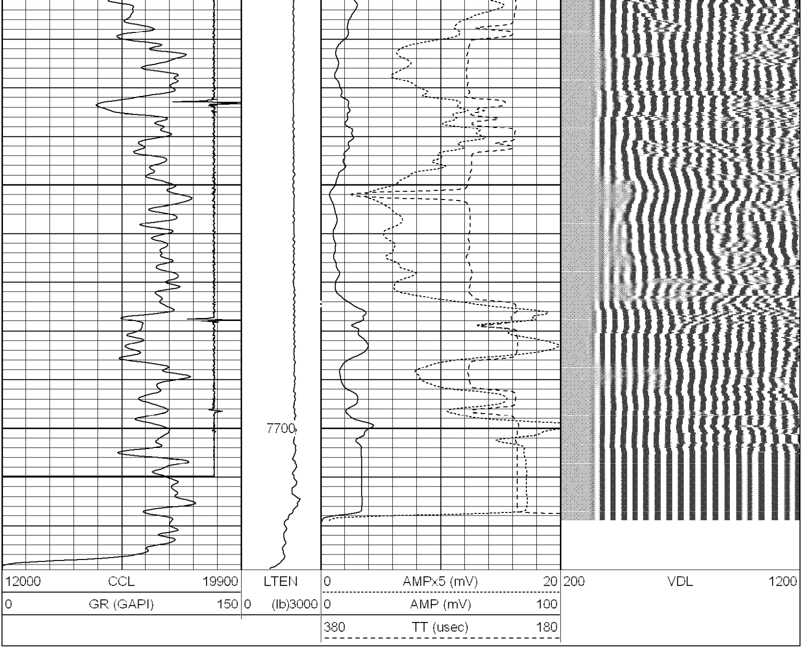
ROCKY MOUNTAIN WIRELINE SERVICE

REPEAT PASS

Database File:	091810_barrett_ggu_fed_12d_28.db
Dataset Pathname:	repeat/pass1
Presentation Format:	rmws_dsc
Dataset Creation:	Sat Sep 18 18:39:24 2010 by Log Std Casedhole 08121
Charted by:	Depth in Feet scaled 1:240

12000 CCL 19900	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

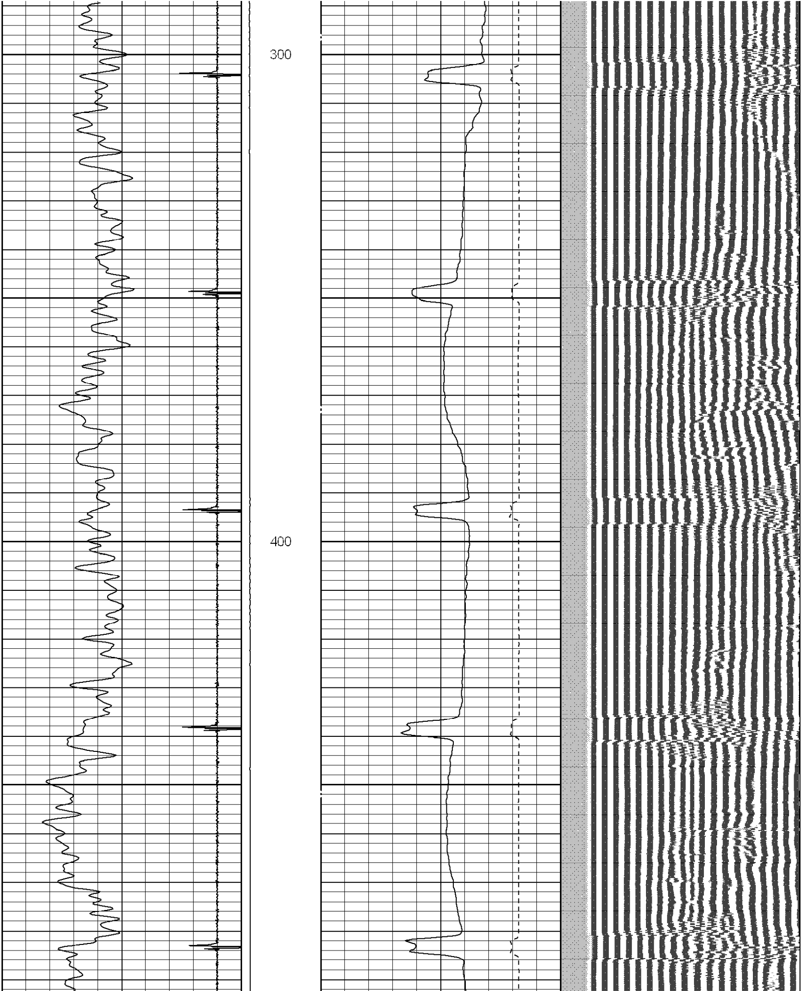
REPEAT PASS

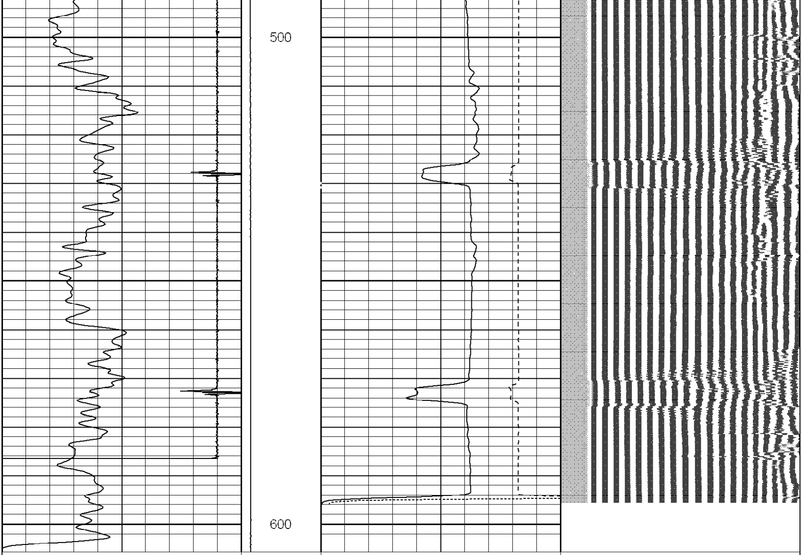
RMWS
ROCKY MOUNTAIN WIRELINE SERVICE

FREE PIPE PASS

Database File: 091810_barrett_ggu_fed_12d_28.db
Dataset Pathname: freepipe/pass1
Presentation Format: rmws_dsc
Dataset Creation: Sat Sep 18 20:04:37 2010 by Log Std Casedhole 08121
Charted by: Depth in Feet scaled 1:240

12000 CCL 19900	LTEN	0 AMPx5 (mV) 20	200 VDL 1200
0 GR (GAPI) 150	0 (lb)3000	0 AMP (mV) 100	
		380 TT (usec) 180	





12000 CCL 19900	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

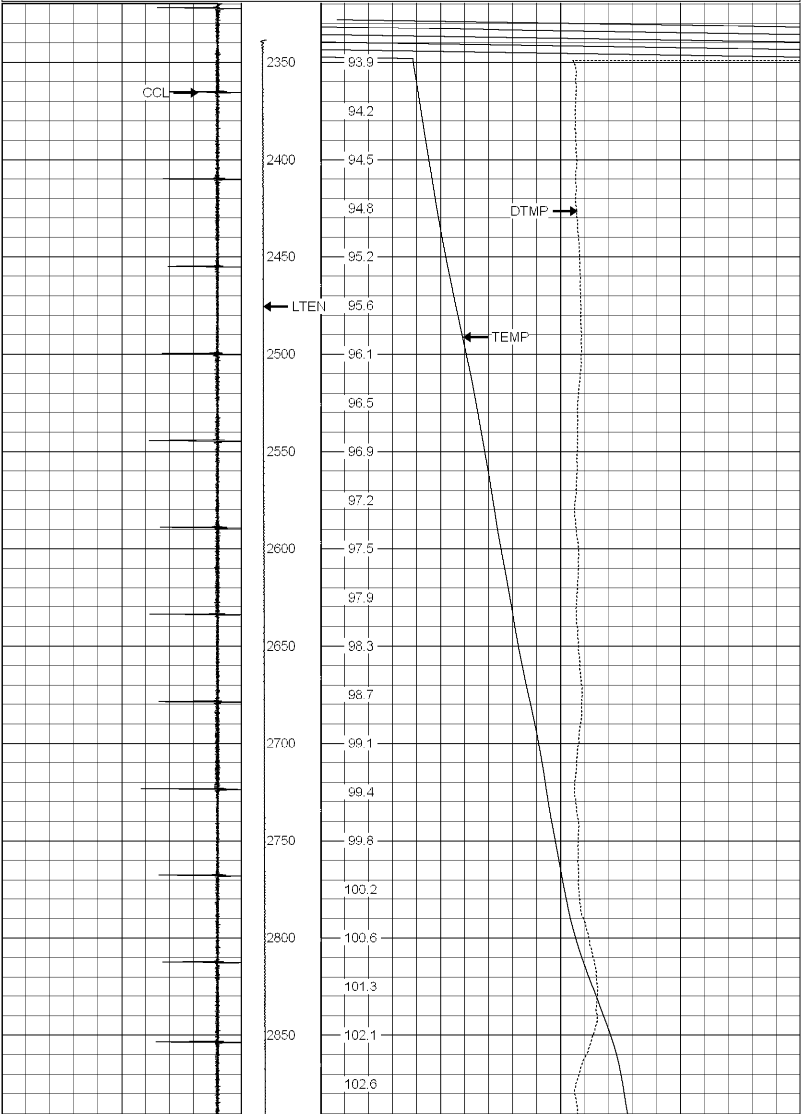
FREE PIPE PASS

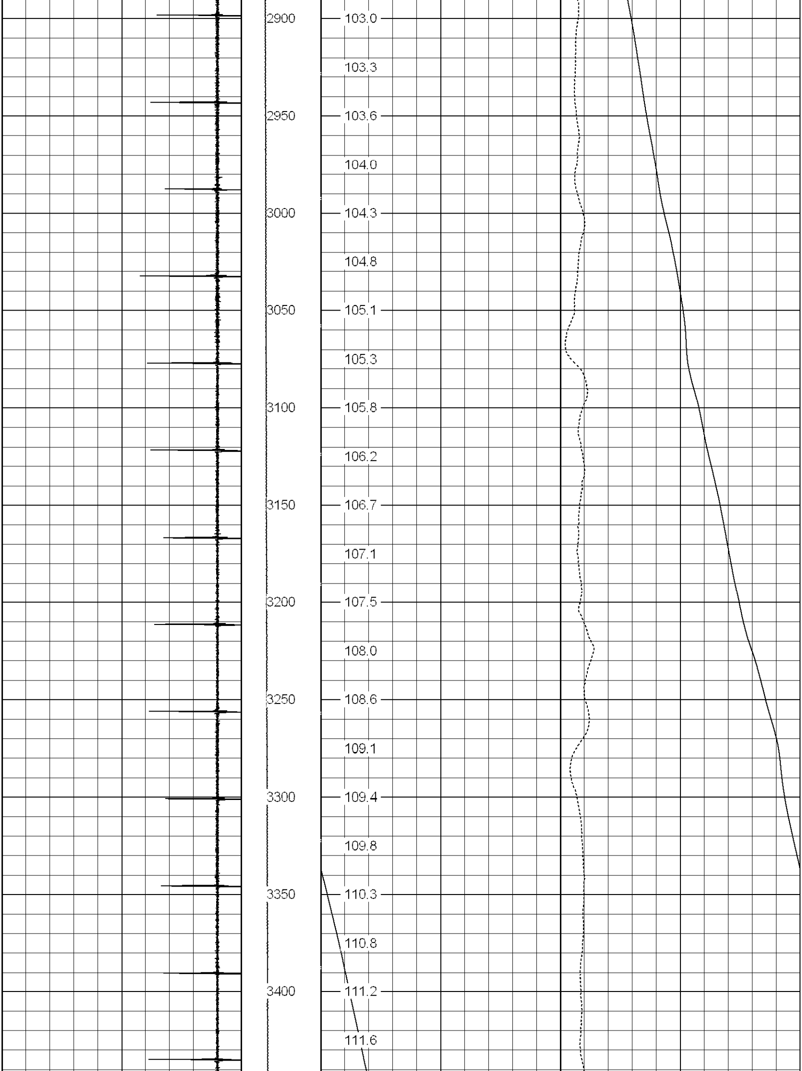
RMWS
ROCKY MOUNTAIN WIRELINE SERVICE

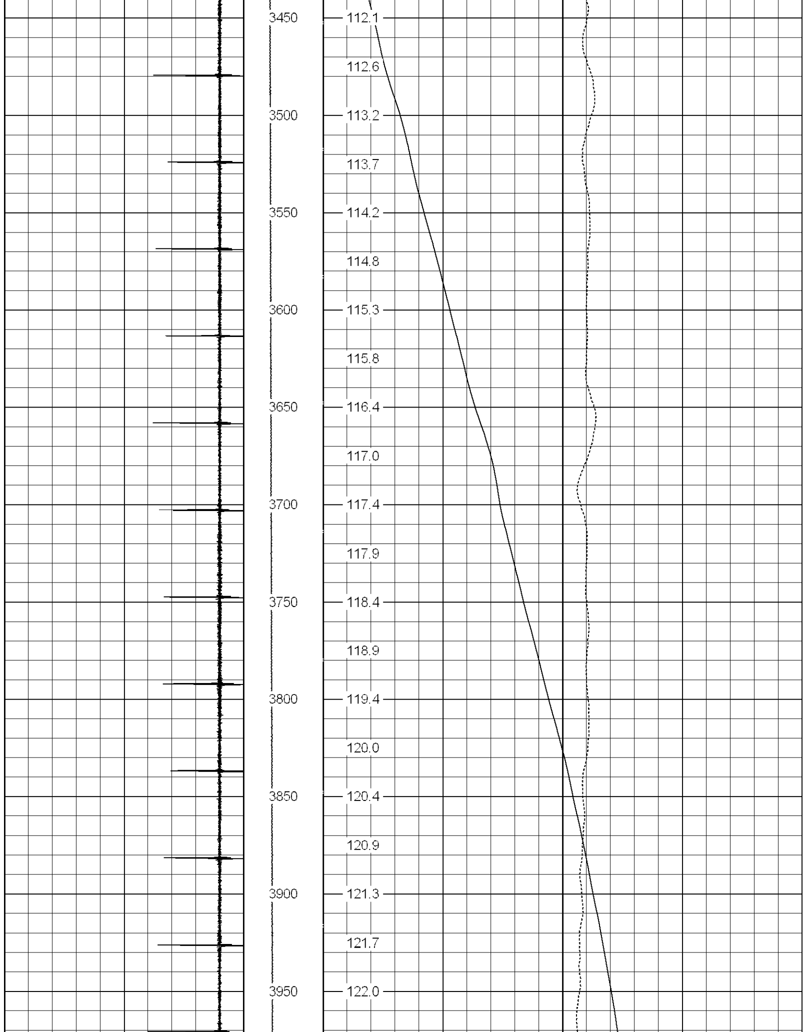
TEMP PASS

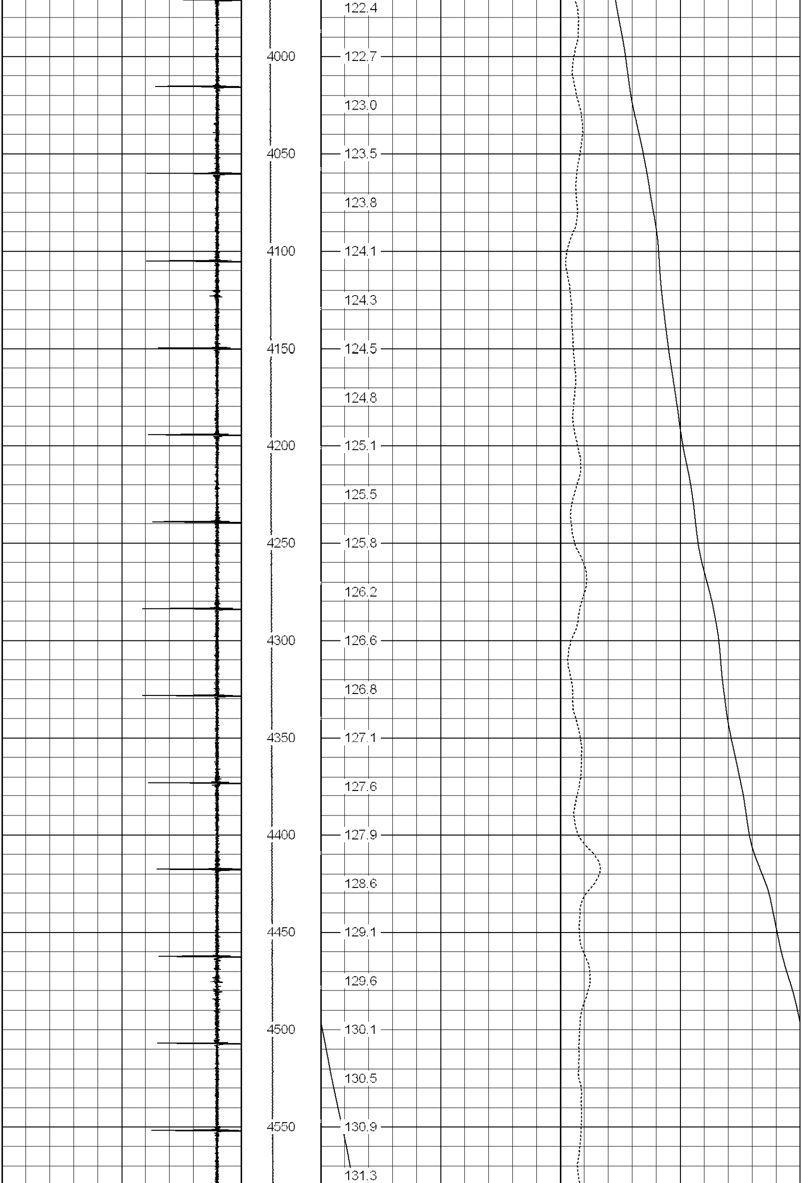
Database File:	091810_barrett_ggu_fed_12d_28.db
Dataset Pathname:	temp/pass1.1
Presentation Format:	RMWS_T~1
Dataset Creation:	Mon Sep 20 10:49:40 2010
Charted by:	Depth in Feet scaled 1:600

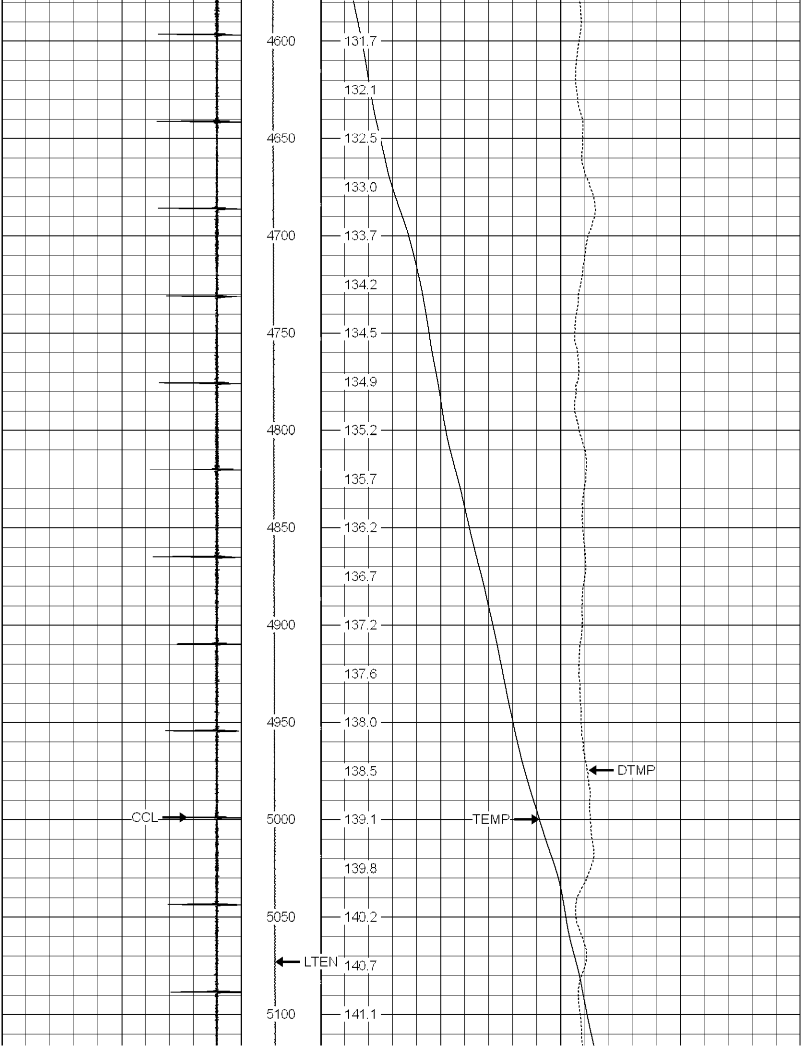
12000 CCL 19900	LTEN	70 TEMP (degF) 90
	0 (lb)2000	-0.2 DTMP (degF) 0.2
		TEMP (degF)



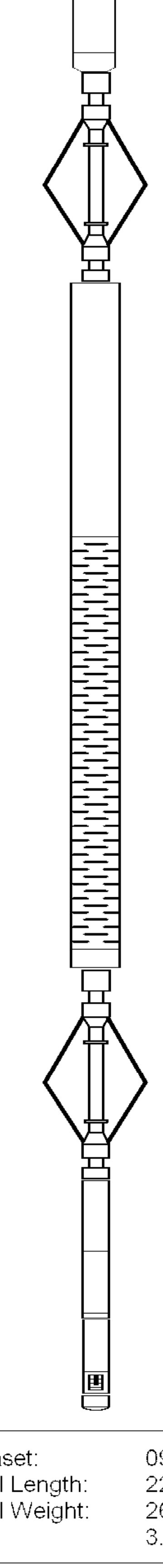








TEMP PASS



Sensor	Offset (ft)	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	18.97	CCL-028 (1037) CCL UW 3 1/8" SONDEX	1.61	3.13	36.00
		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 (217692) Production Gamma Ray	1.93	1.69	9.50
TEMP TSTAMP ITEMPX	0.37 0.00 0.00	PRT-016 (216611) Platinum Resistance Thermometer	1.04	1.69	6.00
HVOLTX	0.00	BUL-006 (212965) Bullnose Terminator	0.22	1.69	1.20

Dataset:	091810_barrett_ggu_fed_12d_28.db: field/well/main/pass1.1
Total Length:	22.70 ft
Total Weight:	269.20 lb
O.D.	3.13 in

ROCKY MOUNTAIN WIRELINE SERVICE

Company	BILL BARRETT CORPORATION
Well	GGU FEDERAL 12D - 28 - 691
Field	GIBSON GULCH
County	GARFIELD
State	COLORADO