ROCKY MOUNTAIN WIRELINE SERVICE

CEMENT BOND LOG
GAMMA RAY \ CCL
TEMPERATURE

Company	BILL BARRETT CORPORATION		
Well	KAUFMAN 12A - 25 - 692		
Field	MAMM CREEK		
County	GARFIELD	State	COLORADO
Location:	API #: 05-045-19656 SHL: 2184' FSL & 1617' FWL BHL: 2490' FNL & 0620' FWL	Other Services	3.75" GAUGE RING
	SEC 25 TWP 6S RGE 92W		
Permanent Datum	G.L.	Elevation	5922'
Log Measured From	K.B.	Ft Above PD	23'
Drilling Measured From	K.B.	Elevation	K.B. 5945' D.F. 5944' G.L. 5922'

Date	07 - 29 - 2011	
Run Number	ONE	
Depth Driller	7602'	
Present Depth Driller	N/A	
Depth Logger	7532'	
Bottom Logged Interval	7531'	
Top Log Interval	3550'	
Fluid Level	SURFACE	
Type Fluid	WATER	
Max. Recorded Temp.	211.3° F	
Estimated Cement Top	4168'	
Equipment Number	208	
Location	GRAND JCT.	
Recorded By	INRGAM	HANNA
Witnessed By	MR. ETTER	

Run Number	Borehole Record Bit	From	To	Casing Record Size	Weight	From	To
ONE	8.750"	809'	4726'	9.625"	36 #	SURFACE	809'
TWO	7.880"	4726'	7602'	4.5"	11.6#	SURFACE	7602'

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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 07 - 03 - 2011
SHORT JOINTS: 5587' - 5618' & 6586' - 6619'
MAIN PASS 5" = 100'
TEMP. PASS 2' = 100'
CSG PSI = STATIC

Calibration Report

Database File: 072911_barrett_kaufman_12a_25_692.db
Dataset Pathname: MAIN/pass1.3
Dataset Creation: Mon Aug 01 16:13:38 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:	326.087	ft

Master Calibration, performed Fri Jul 29 14:39:09 2011:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3FT	0.004	0.818	1.000	81.196	81.213	0.995
5FT	-0.001	0.887	1.000	81.196	77.886	0.994
S1	0.004	0.845	0.000	100.000	118.902	-0.504
S2	0.004	0.817	0.000	100.000	122.896	-0.443
S3	0.007	0.772	0.000	100.000	130.754	-0.943
S4	0.005	0.784	0.000	100.000	128.291	-0.626
S5	0.006	0.815	0.000	100.000	123.737	-0.795
S6	0.006	0.843	0.000	100.000	119.471	-0.726
S7	0.007	0.839	0.000	100.000	120.206	-0.879
S8	0.007	0.838	0.000	100.000	120.356	-0.874

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

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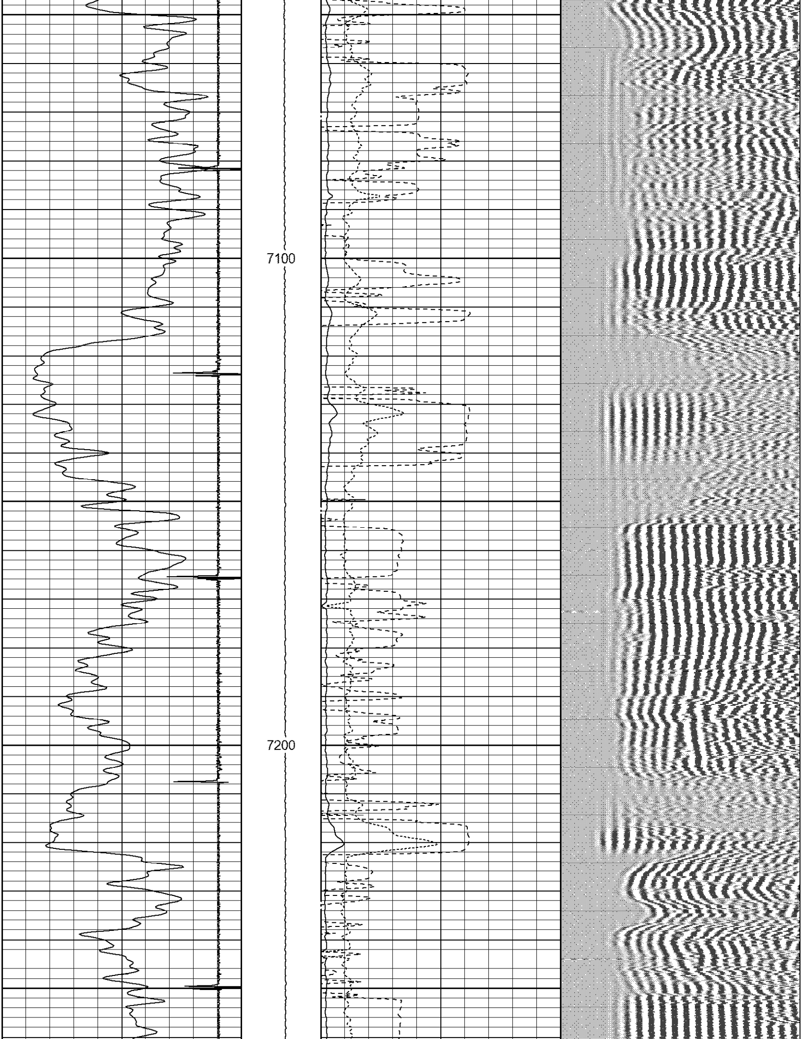
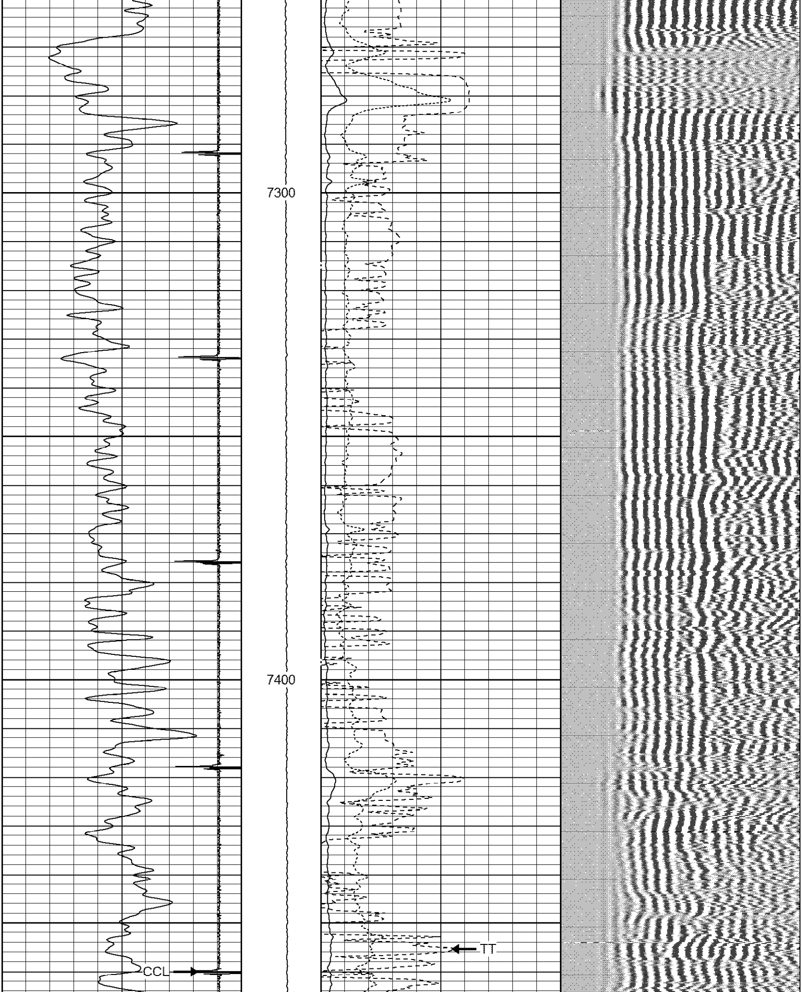
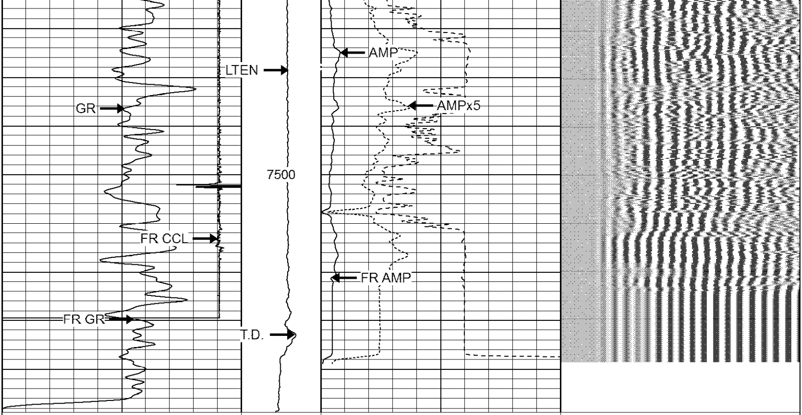
MAIN PASS

Database File: 072911_barrett_kaufman_12a_25_692.db
Dataset Pathname: MAIN/pass1.3
Presentation Format: rmws_dsc
Dataset Creation: Mon Aug 01 16:13:38 2011 by Calc Std Casedhole 10121
Charted by: Depth in Feet scaled 1:240







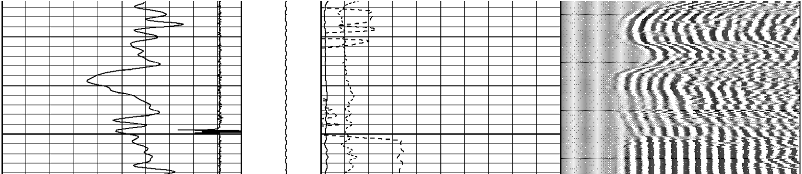
12500 CCL 19700	LTEN	0 AMPx5 (mV) 20	200 VDL 1200
0 GR (GAPI) 150	0 (lb)3000	0 AMP (mV) 100	
		380 TT (usec) 180	

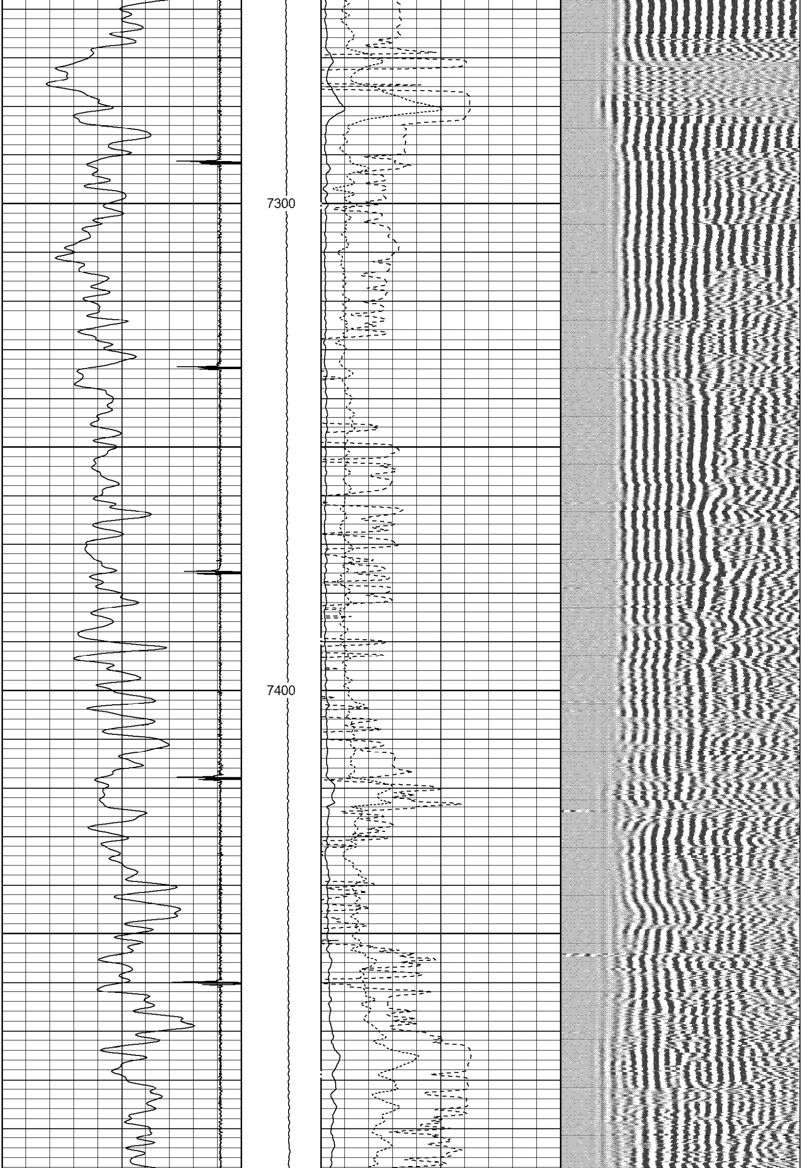
RMWS
ROCKY MOUNTAIN WIRELINE SERVICE

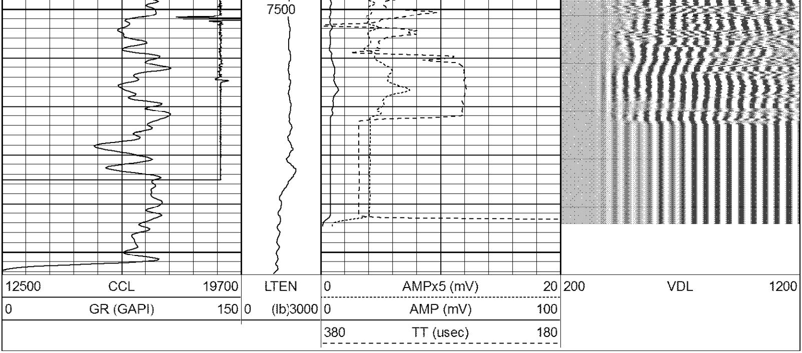
REPEAT PASS

Database File: 072911_barrett_kaufman_12a_25_692.db
Dataset Pathname: REPEAT/pass1.1
Presentation Format: rmws_dsc
Dataset Creation: Mon Aug 01 15:45:39 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	



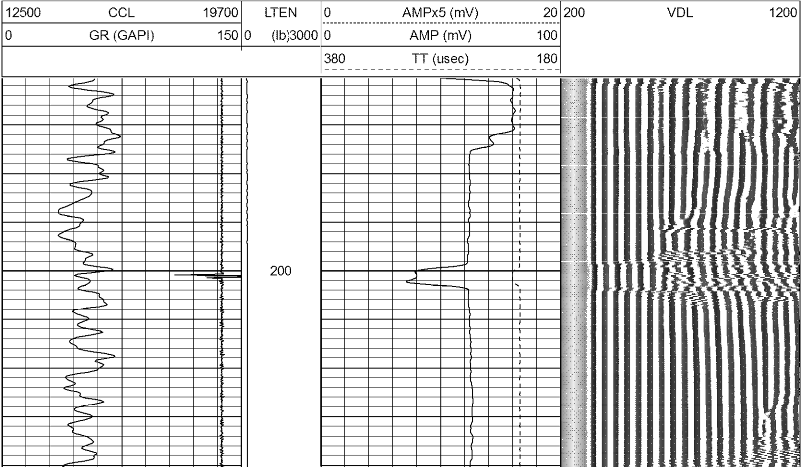


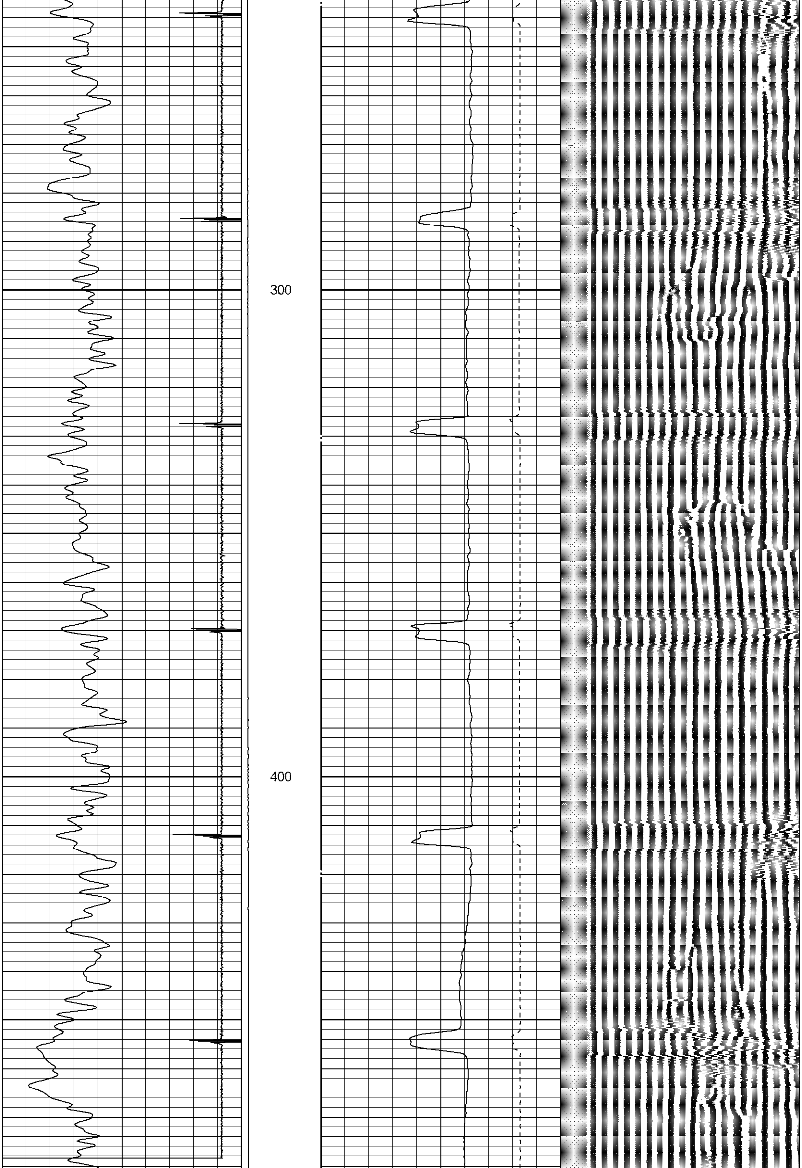


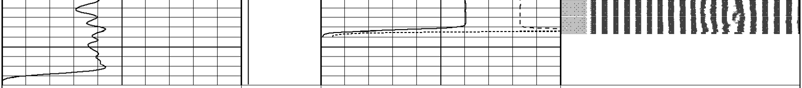
ROCKY MOUNTAIN WIRELINE SERVICE

FREE PIPE PASS

Database File: 072911_barrett_kaufman_12a_25_692.db
Dataset Pathname: free/pass1.1
Presentation Format: rmws_dsc
Dataset Creation: Mon Aug 01 15:43:31 2011 by Calc Std Casedhole 10121
Charted by: Depth in Feet scaled 1:240







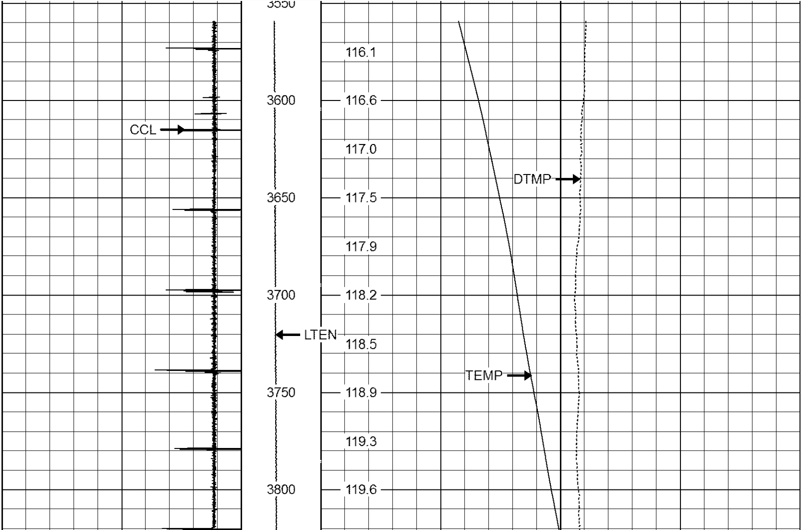
12500 CCL 19700	LTEN	0 AMPx5 (mV) 20	200 VDL 1200
0 GR (GAPI) 150	0 (lb) 3000	0 AMP (mV) 100	
		380 TT (usec) 180	

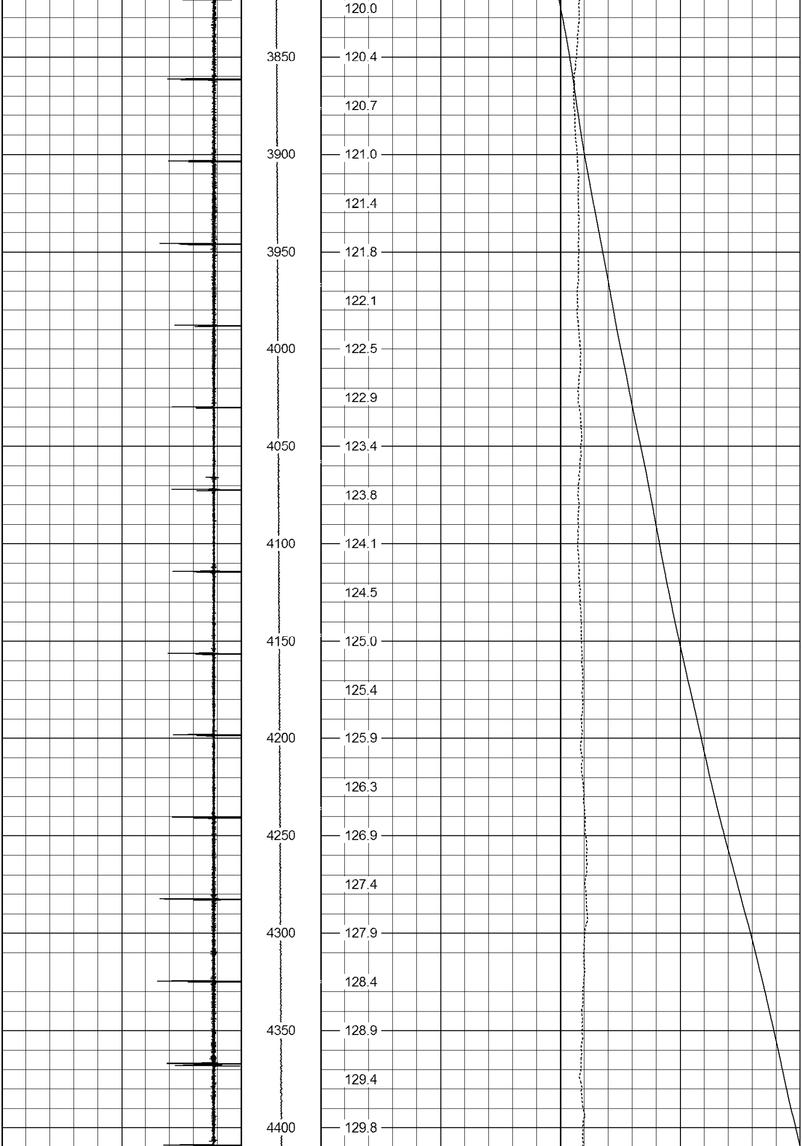
ROCKY MOUNTAIN WIRELINE SERVICE

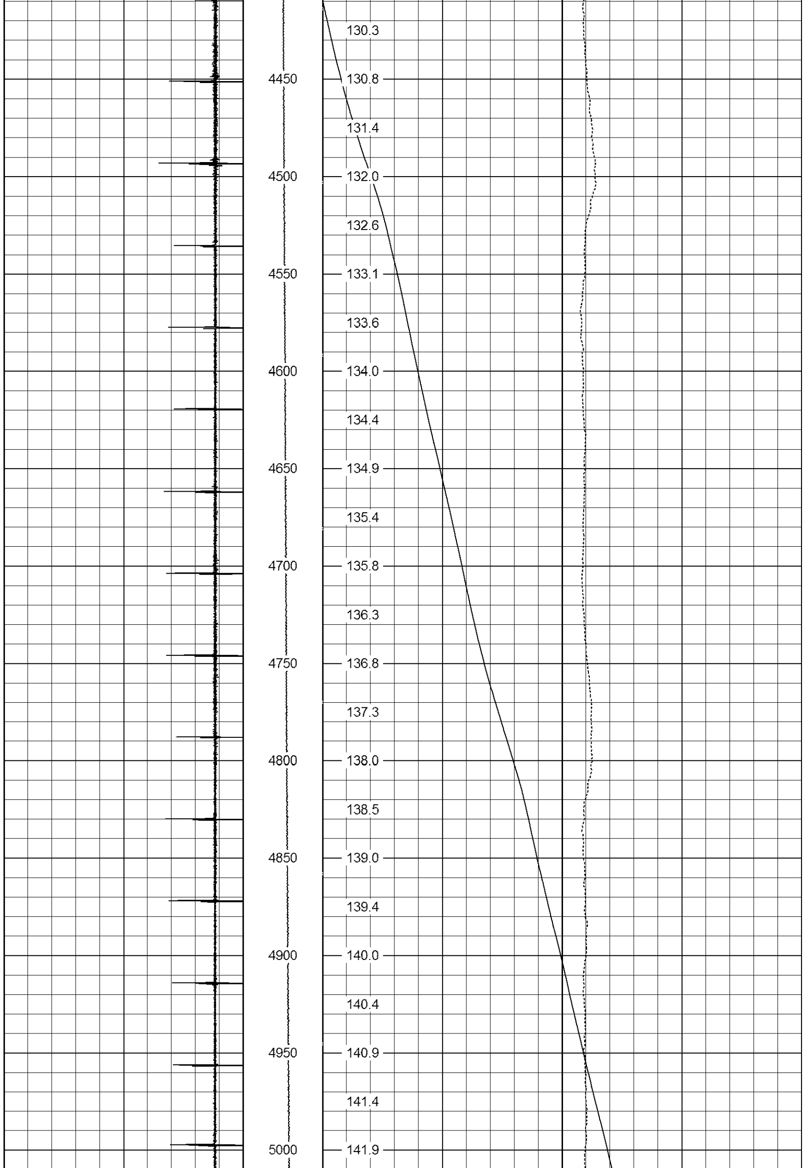
TEMP PASS

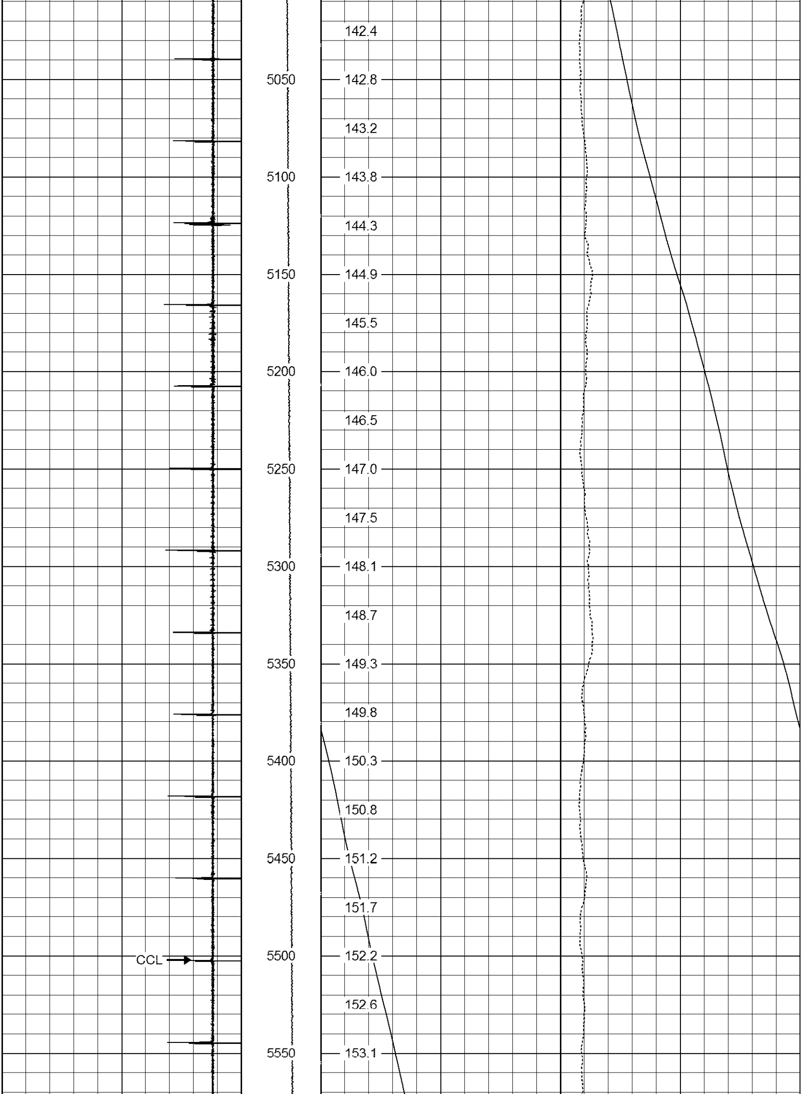
Database File: 072911_barrett_kaufman_12a_25_692.db
Dataset Pathname: MAIN/pass1.2
Presentation Format: RMWS_T~1
Dataset Creation: Mon Aug 01 16:10:29 2011
Charted by: Depth in Feet scaled 1:600

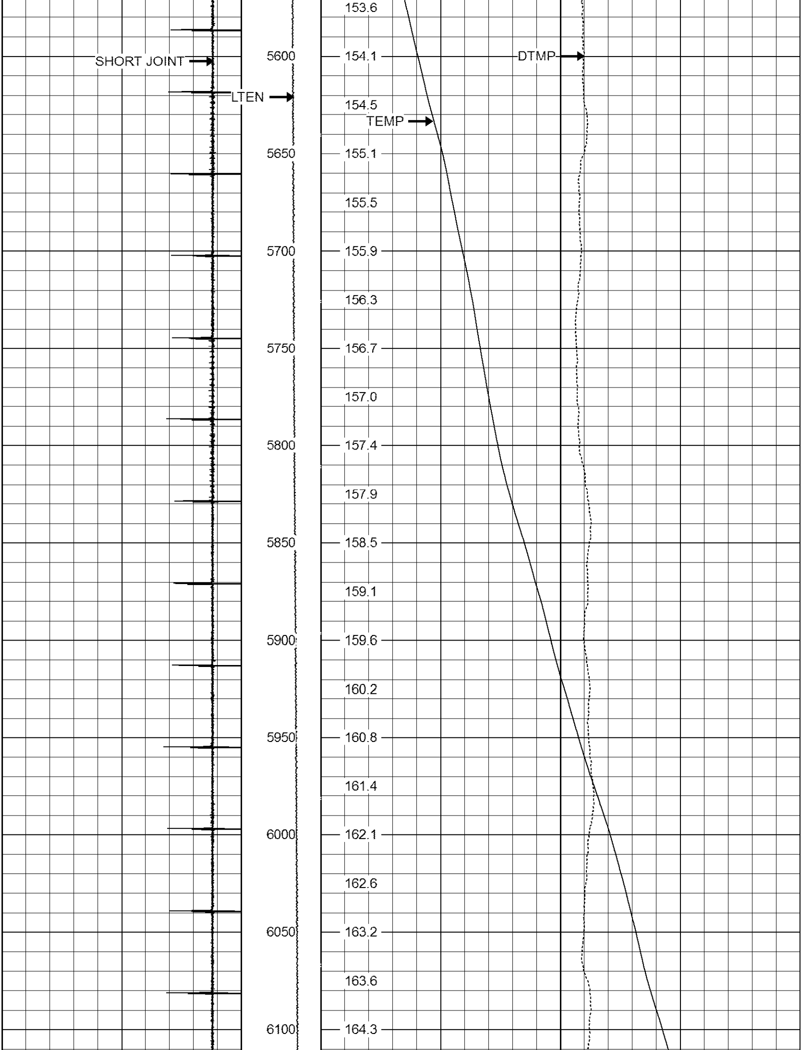
12500 CCL 19900	LTEN	70 TEMP (degF) 90
	0 (lb) 2000	-0.2 DTMP (degF) 0.2
		TEMP (degF)

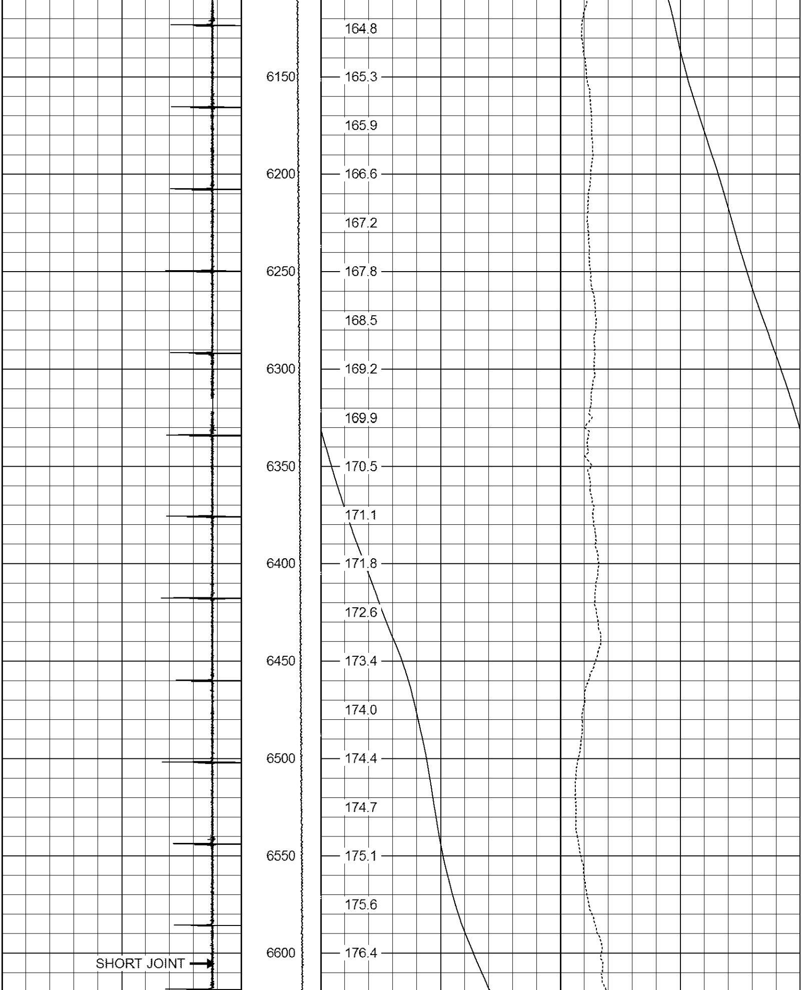


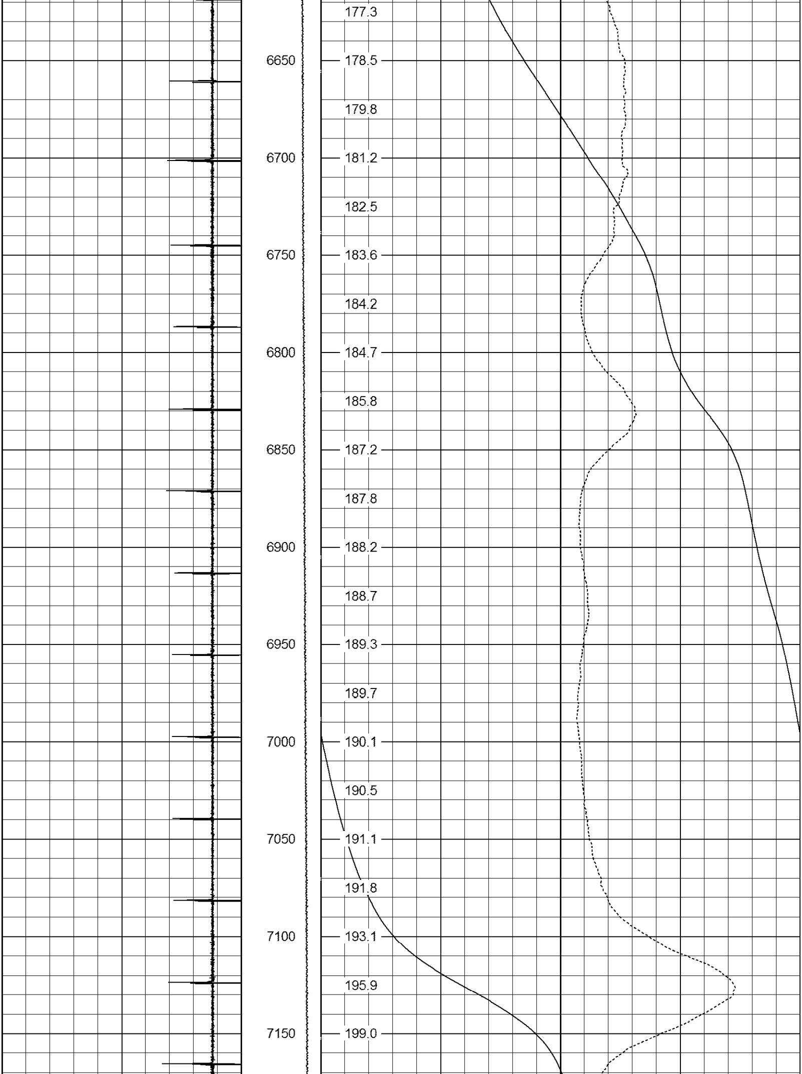


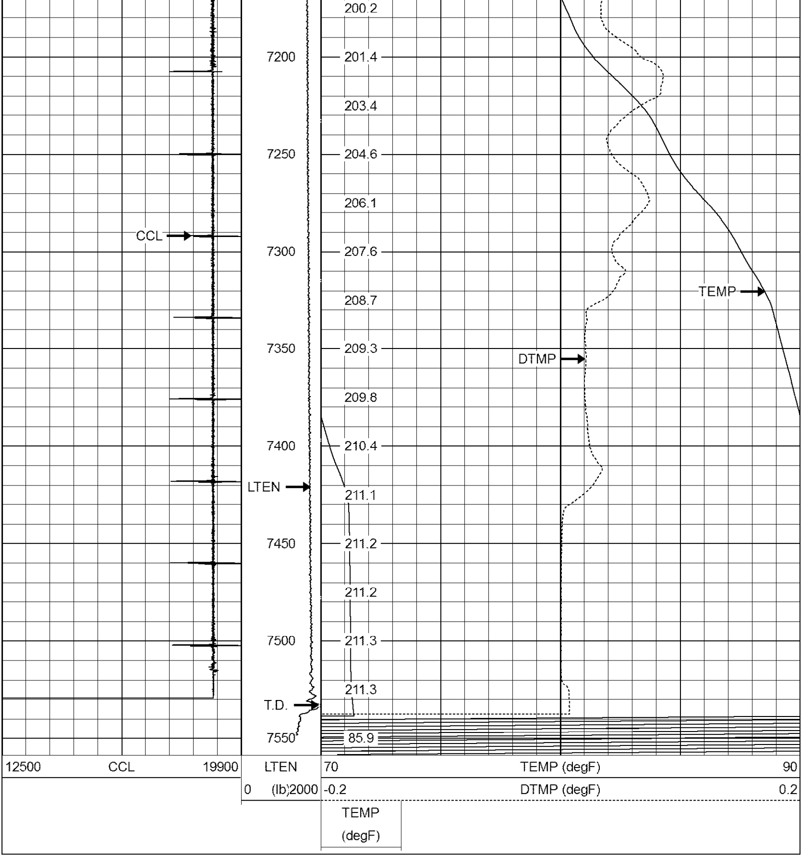


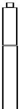




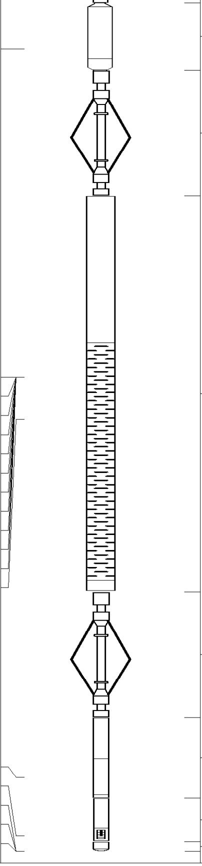






Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CHD-AES (000001) Cable Head	1.04	1.69	2.00
			XTU-002 (216415) Crossover Ultrawire Toolbus To Ultralink	1.58	1.69	6.50

CCL	19.17
WVF3FT	11.32
WVFS1	11.32
WVFS2	11.32
WVFS3	11.32
WVFS4	11.32
WVFS5	11.32
WVFS6	11.32
WVFS7	11.32
WVFS8	11.32
CBLTEMP	11.32
CBLROT	11.32
WVF5FT	10.32
GR	1.76
TEMP	0.37
TSTAMP	0.00
ITEMPX	0.00
HVOLTX	0.00



CCL-028 (1037) CCL UW 3 1/8" SONDEX	1.61	3.13	36.00
PRC-022 (215770) (6 ARM 2 3/8" ROLLER CENTRALIZER SONDEX)	3.00	2.38	21.40
RBT-004 (1123) Radial Bond Tool (UW 3 1/8)	9.47	3.13	140.00
PRC-022 (215771) (6 ARM 2 3/8" ROLLER CENTRALIZER SONDEX)	3.00	2.38	21.40
PGR-020 (217692) 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:	072911_barrett_kaufman_12a_25_692.db: field/well/MAIN/pass1.3
Total Length:	22.90 ft
Total Weight:	244.00 lb
O.D.	3.13 in

RMWS

ROCKY MOUNTAIN WIRELINE SERVIC

Company	BILL BARRETT CORPORATION
Well	KAUFMAN 12A - 25 - 692
Field	MAMM CREEK
County	GARFIELD
State	COLORADO