ROCKY MOUNTAIN WIRELINE SERVICE

CEMENT BOND LOG
GAMMA RAY / CCL
TEMPERATURE

Company	BILL BARRETT CORPORATION		
Well	DIXON FED 11B - 23 - 692		
Field	MAMM CREEK		
County	GARFIELD	State	COLORADO
Location:	API #: 05 - 045 - 21104 SHL: 1495' FNL & 0358' FWL BHL: 0865' FNL & 0660' FWL	Other Services	3.75" GAUGE RING
	SEC 23 TWP 6S RGE 92W		
Permanent Datum	G.L.	Elevation	5878'
Log Measured From	K.B.	Ft Above PD	23'
Drilling Measured From	K.B.	Elevation	K.B. 5901' D.F. 5901' G.L. 5878'

Date	07 - 12 - 2012	
Run Number	ONE	
Depth Driller	7746'	
Present Depth Driller	NA	
Depth Logger	7647'	
Bottom Logged Interval	7646'	
Top Log Interval	2250'	
Fluid Level	SURFACE	
Type Fluid	WATER	
Max. Recorded Temp.	209.2° F	
Estimated Cement Top	2850'	
Equipment Number	208	
Location	GRAND JCT.	
Recorded By	FERNANDEZ	INGRAM
Witnessed By	MR. BEAUXIS	

Borehole Record				Casing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	8.750"	800'	5094'	9.625"	36#	SURFACE	800'
TWO	7.875"	5094'	7746'	4.5"	11.6#	SURFACE	7647'

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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 OPEN HOLE LOG DATED 6-25-12
SHORT JOINTS: 5496' TO 5524' & 7399' TO 7430'

MAIN PASS 5" = 100'
TEMP PASS 2" = 100'

CSG PSI = STATIC

Calibration Report

Database File: dixon_11b_23_692_cbl_071212.db
Dataset Pathname: MAIN/pass1.2
Dataset Creation: Fri Jul 13 10:52:06 2012 by Calc SCH 110930

Temperature Calibration Report

Serial Number: 10006811
Tool Model: 016
Performed: Mon Apr 30 16:22:18 2012

Point #	Reading		Reference	
1	11649.00	cps	65.14	degF
2	18183.00	cps	105.26	degF
3	29168.00	cps	174.16	degF
4	40750.00	cps	246.15	degF
5	51960.00	cps	317.35	degF
6	57688.00	cps	353.34	degF
7		cps		degF
8		cps		degF
9		cps		degF
10		cps		degF

Gamma Ray Calibration Report

Serial Number:	10007620	
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:	1.2000	GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number:	1122	
Tool Model:	004	
Calibration Casing Diameter:	4.500	in
Calibration Depth:	153.800	ft

Master Calibration, performed Wed Jul 11 15:09:47 2012:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3FT	0.027	1.045	1.000	81.196	78.766	-1.095
5FT	0.018	1.010	1.000	81.196	80.846	-0.462
S1	0.029	1.037	0.000	100.000	99.164	-2.881
S2	0.029	1.083	0.000	100.000	94.886	-2.717
S3	0.030	1.050	0.000	100.000	98.085	-2.978
S4	0.028	1.030	0.000	100.000	99.801	-2.808
S5	0.031	1.025	0.000	100.000	100.608	-3.073
S6	0.030	1.040	0.000	100.000	99.034	-2.963
S7	0.032	1.043	0.000	100.000	98.949	-3.157
S8	0.031	1.036	0.000	100.000	99.543	-3.107

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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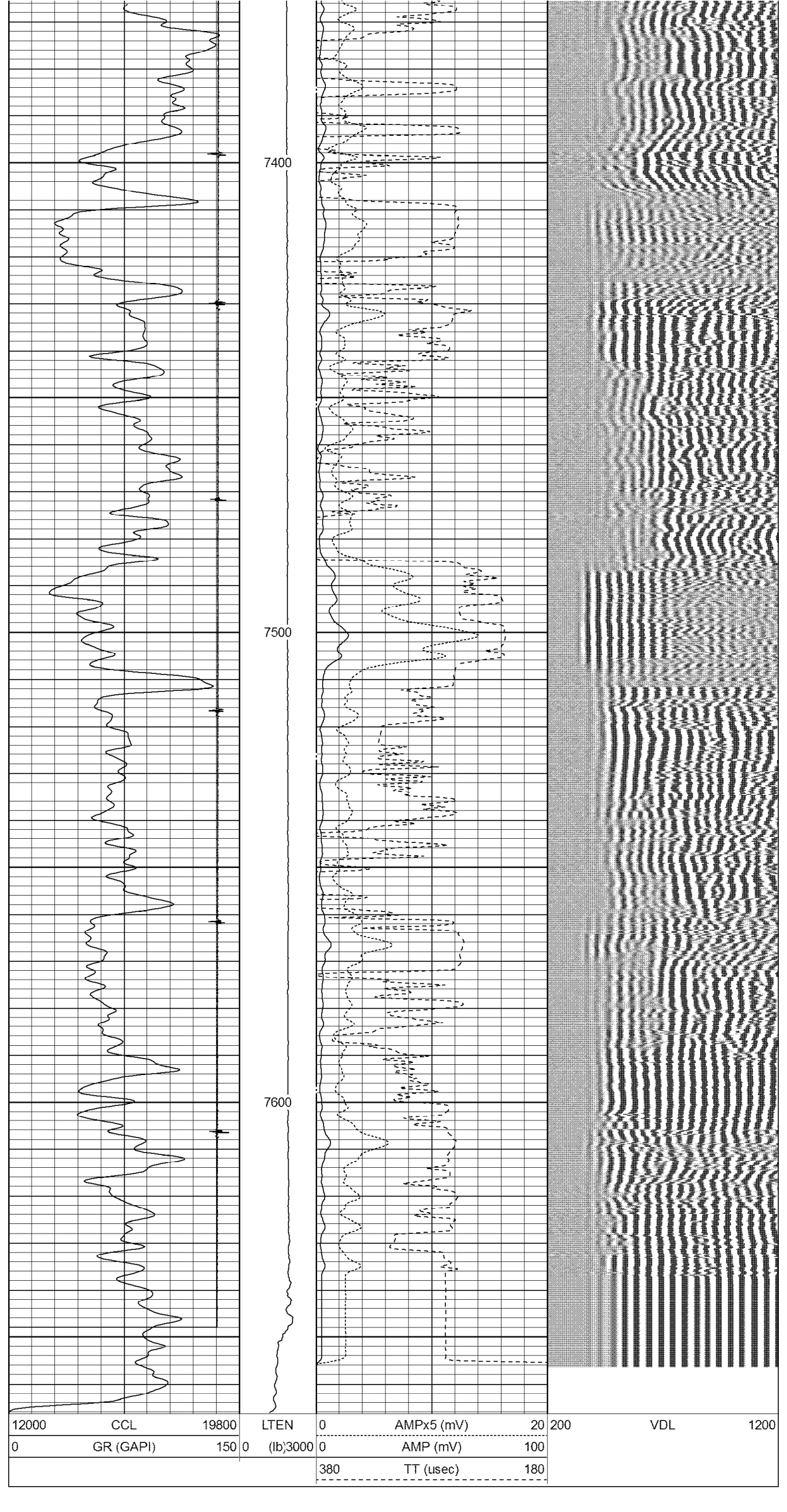
MAIN PASS

Database File: dixon_11b_23_692_cbl_071212.db
Dataset Pathname: MAIN/pass1.2
Presentation Format: rmws_dsc
Dataset Creation: Fri Jul 13 10:52:06 2012 by Calc SCH 110930
Charted by: Depth in Feet scaled 1:240

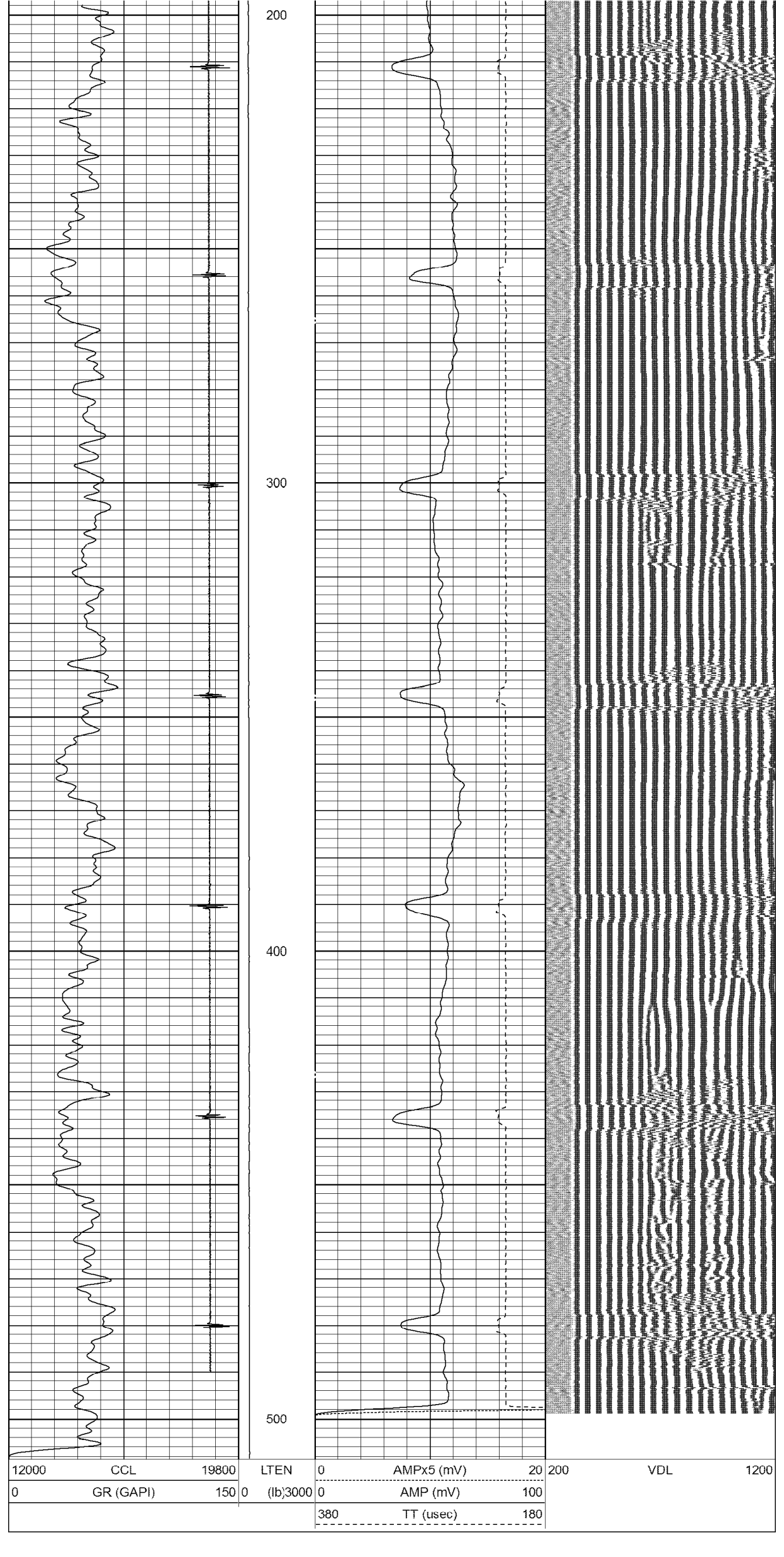
REPEAT PASS

Database File: dixon_11b_23_692_cbl_071212.db
Dataset Pathname: REPEAT/pass1.1
Presentation Format: rmws_dsc
Dataset Creation: Fri Jul 13 10:53:43 2012 by Calc SCH 110930
Charted by: Depth in Feet scaled 1:240



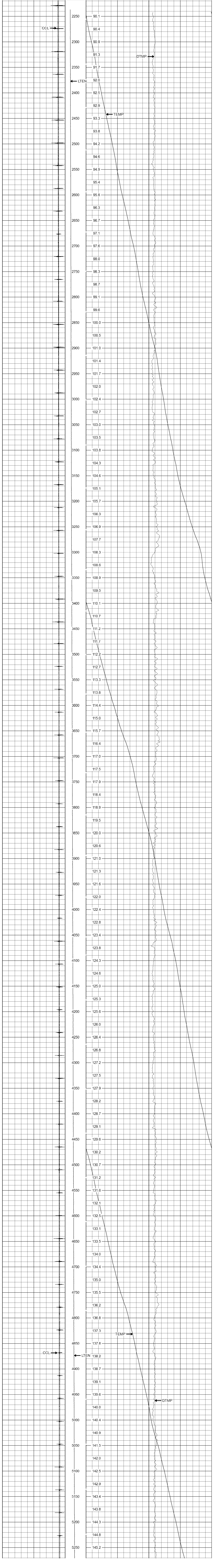
FREE PIPE PASS

Database File: dixon_11b_23_692_cbl_071212.db
Dataset Pathname: FREEPIPE/pass1
Presentation Format: rmws_dsc
Dataset Creation: Thu Jul 12 11:36:46 2012 by Log Std Casedhole 10121
Charted by: Depth in Feet scaled 1:240



TEMP PASS

Database File: dixon_11b_23_692_cbl_071212.db
Dataset Pathname: MAIN/pass1.1
Presentation Format: rmws_tem
Dataset Creation: Fri Jul 13 10:43:33 2012
Charted by: Depth in Feet scaled 1:600



Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CHD-AES (000001) Cable Head	1.04	1.69	2.00
			XTU-002 (10006455) Crossover Ultrawire Toolbus To Ultralink	1.58	1.69	6.50
CCL	18.17		CCL-028 (1036) CCL UW 3 1/8" SONDEX	1.61	3.13	36.00
			Applied Applied Adjustable Bowspring	2.50	3.00	33.00
WVF3FT WVFS1 WVFS2 WVFS3 WVFS4 WVFS5 WVFS6 WVFS7 WVFS8 CBLTEMP CBLROT WVF5FT	10.82 10.82 10.82 10.82 10.82 10.82 10.82 10.82 10.82 10.82 10.82 9.82		RBT-004 (1122) Radial Bond Tool (UW 3 1/8)	9.47	3.13	140.00
			Applied Applied Adjustable Bowspring	2.50	3.00	33.00
GR	1.76		PGR-020 (10007620) Production Gamma Ray	1.93	1.69	9.50
TEMP TSTAMP ITEMPX HVOLTX	0.37 0.00 0.00 0.00		PRT-016 (10006811) Platinum Resistance Thermometer	1.04	1.69	6.00
			BUL-006 (212965) Bullnose Terminator	0.22	1.69	1.20

Dataset:	dixon_11b_23_692_cbl_071212.db: field/well/MAIN/pass1.2
Total Length:	21.90 ft
Total Weight:	267.20 lb
O.D.	3.13 in

RMWS
ROCKY MOUNTAIN WIRELINE SERVICE

Company	BILL BARRETT CORPORATION
Well	DIXON FEDERAL 11B - 23 - 692
Field	MAMM CREEK
County	GARFIELD
State	COLORADO