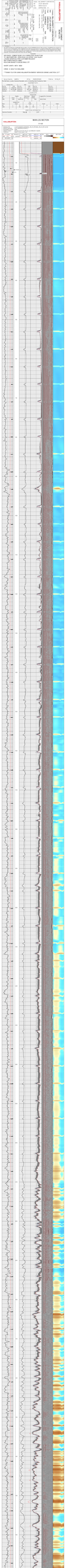
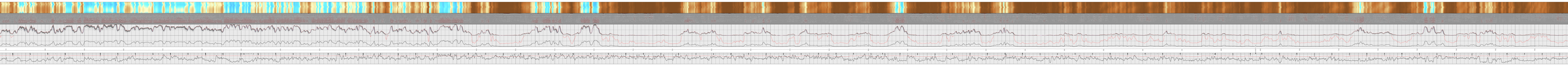
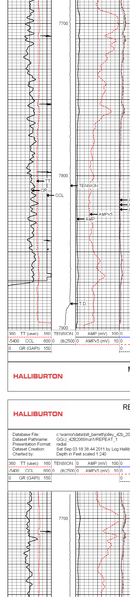

DRILLING PARAMETERS
MUD LOGGING
MUD LOGGING SERVICES
MUD LOGGING SERVICES
MUD LOGGING SERVICES

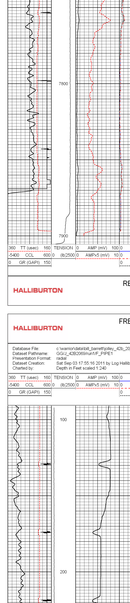




HALLIBURTON

MAIN LOG SECTION

5"x100'

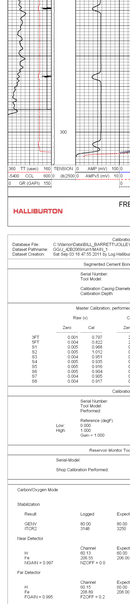


HALLIBURTON

REPEAT LOG SECTION

5"x100'

Database File: c:\warrior\database_barrettjolley_42k_20_091rpt\jolley_42k_20_091_rbt.db
Dataset Pathname: GGU_42B2095run4\REPEAT\1
Presentation Format: radial
Dataset Creation: Sat Sep 03 18:38:44 2011 by Log Halliburton Cassiopa
Charted by: Depth in Feet scaled 1:240



HALLIBURTON

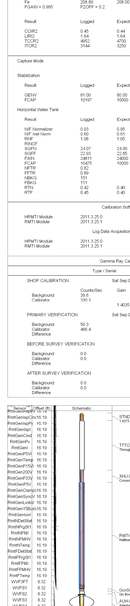
REPEAT LOG SECTION

5"x100'

FREE PIPE LOG SECTION

5"x100'

Database File: c:\warrior\database_barrettjolley_42k_20_091rpt\jolley_42k_20_091_rbt.db
Dataset Pathname: GGU_42B2095run4\FP_PIPE\1
Presentation Format: radial
Dataset Creation: Sat Sep 03 17:55:16 2011 by Log Halliburton Cassiopa
Charted by: Depth in Feet scaled 1:240



HALLIBURTON

FREE PIPE LOG SECTION

5"x100'

Calibration Report

Database File: C:\Warrior\DataSEL_BARRETT\JOLLEY_42B_20_091rpt\lwy_42b_20_091_rbt.db
Dataset Pathname: GGU_42B2095run4\Batch_1
Dataset Creation: Sat Sep 03 16:47:57 2011 by Log Halliburton Cassiopa

Segmented Cement Bond Log Calibration Report

Serial Number	2211
Tool Model	004
Calibration Casing Diameter	4.500 in
Calibration Depth	126.365 ft

Master Calibration, performed: Sat Sep 03 16:01:10 2011.

	Raw (uv)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3FT	0.001	0.797	2.000	82.000	100.514	1.870
5FT	0.004	0.822	2.000	82.000	97.844	1.592
7FT	0.004	0.822	2.000	82.000	97.844	1.592
51	0.005	1.012	0.000	100.000	98.816	-0.546
53	0.004	0.973	0.000	100.000	100.605	-0.474
54	0.005	0.933	0.000	100.000	107.562	-0.542
55	0.004	0.905	0.000	100.000	110.539	-0.441
56	0.005	0.933	0.000	100.000	111.246	-0.598
57	0.004	0.905	0.000	100.000	110.539	-0.441
58	0.004	0.905	0.000	100.000	109.547	-0.401

Calibration Report

Serial Number	2211
Tool Model	004
Performed	
Reference (degF)	Reading ()
Low	0.000
High	1.000
Gain: = 1.000	Offset = 0.000

Reservoir Monitor Tool / Calibration Report

Serial-Model:	11606008-4
Shop Calibration Performed:	Thu Aug 25 15:24:40 2011

CarbonOxygen Mode

Stabilization

	Result	Logged	Expected Value	Diff	Tol	Units
GENV		80.00	80.00	0.00	+/-15.00	V
FCRC		3148	3250	-102	+/-250	cps
Near Detector		Channel	Expected Value	Amplitude	FWHM	Tol
	Int	60.13	60.00	0.0257	5.50	+/-0.00
	Fit	206.59	206.00	0.0029	-----	-----
	NGAIN = 0.997	RCOFF = 0.0				
Far Detector		Channel	Expected Value	Amplitude	FWHM	Tol
	Int	60.00	60.00	0.0308	5.55	+/-0.50
	Fit	69.19	69.00	0.0909	-----	-----
	FGAIN = 0.995	FCOFF = 0.2				

	Result	Logged	Expected Value	Diff	Tol	Units
CORC		0.45	0.44	0.01	+/-0.03	
LSRC		1.64	1.64	0.00	+/-0.20	
TCORZ		4952	4700	252	+/-1000	cps
FCRC		3144	3250	-106	+/-250	cps

Capture Mode

Stabilization

	Result	Logged	Expected Value	Diff	Tol	Units
GENV		81.00	80.00	1.00	+/-15.00	V
FCAP		10197	10000	197	+/-500	cps
Horizontal Water Tank						
	Result	Logged	Expected Value	Diff	Tol	Units
	NF Yarmator	0.93	0.95	-0.02	+/-0.10	
	NF Ind Norm	0.93	0.93	0.00	+/-0.06	
	RNF	1.08	1.05	0.03	+/-0.10	
	RNF Ind					
	SIGFA	24.67	24.60	0.07	+/-1.00	cu
	SIGFF	22.93	22.85	0.08	+/-0.50	cu
	FSIG	24811	24000	811	+/-2000	cps
	FTDT	10475	10000	475	+/-1000	cps
	NFTB	0.82			+/-0.00	
	FFTB	0.69			+/-0.00	
	NBKG	151			+/500	cps
	FBKG	1.11			+/-0.25	cps
	RTU	0.42	0.40	0.02	+/-0.25	uacc
	RTF	0.45	0.40	0.05	+/-0.25	uacc

Calibration Software Modules

HRMTI Module	2011.3.25.0
RMTI Module	2011.3.25.1

Log Data Acquisition Software Modules

HRMTI Module	2011.3.25.0
RMTI Module	2011.3.25.1

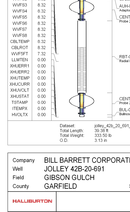
Gamma Ray Calibration Report

Tuner / Serial: 001 / 10002716

SHOP CALIBRATION

Set Bag 03 12 32:28 2011

	Counts/Sec	Gain	Offset	Ag	Units
Background	59.5				cps
Calibrator	330.1				cps
		1.4031			GAPI/cps
PRIMARY VERIFICATION			Set Bag 03 12:36:18 2011		
Background	59.3				cps
Calibrator	466.4				cps
Difference				410.1	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



Dataset: jolley_42b_20_091_rbt.db GGU_42B2095run4\Main_1
Total Length: 30.38 ft
Total Weight: 332.00 lb
T.T.O.S:

Company	BILL BARRETT CORPORATION
Well	JOLLEY 42B-20-691
Field	GIBSON GULCH
County	GARFIELD
State	CO

RADIO CEMENT BOND LOG

HALLIBURTON