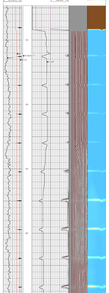
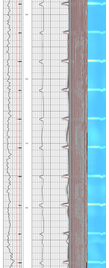
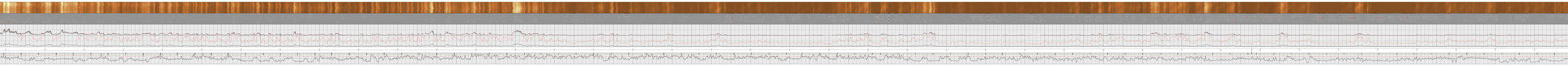
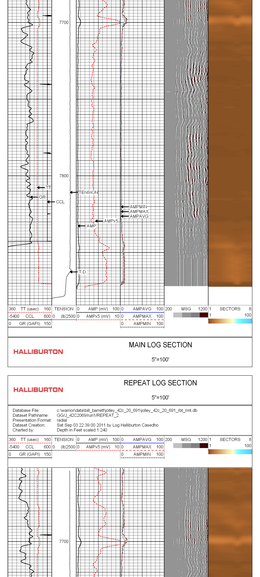




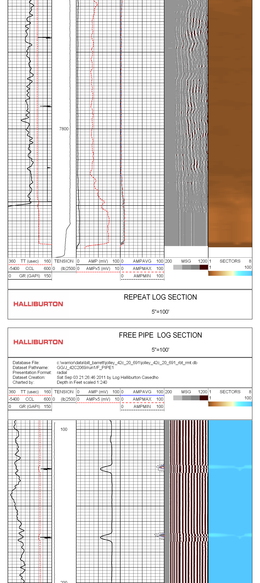




HALLIBURTON

MAIN LOG SECTION

5"x100'

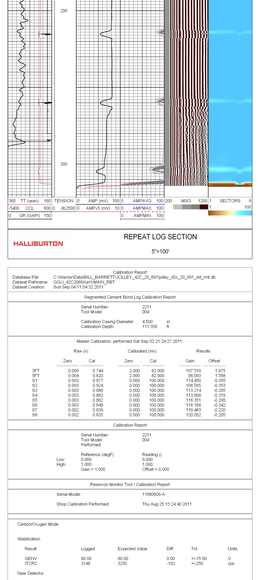


HALLIBURTON

REPEAT LOG SECTION

5"x100'

Database File c:\rwoms\database_barrettjolley_42c-20_691\jolley_42c-20_691_rbt_mnt.db
Dataset Pathname GGU_42C2069\Run1\REPEAT_2
Presentation Format radial
Dataset Creation Sat Sep 03 22:39:00 2011 by Log-Halliburton Canada/ac
Charted by: Depth in Feet scaled 1:240



HALLIBURTON

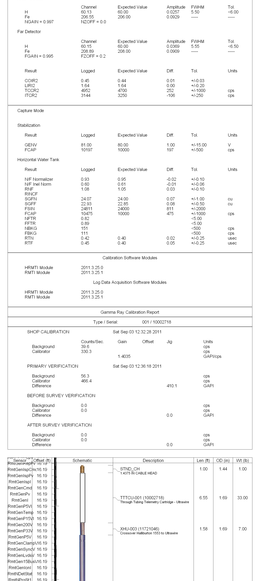
REPEAT LOG SECTION

5"x100'

FREE PIPE LOG SECTION

5"x100'

Database File c:\rwoms\database_barrettjolley_42c-20_691\jolley_42c-20_691_rbt_mnt.db
Dataset Pathname GGU_42C2069\Run1\FP_FREE
Presentation Format radial
Dataset Creation Sat Sep 03 21:26:46 2011 by Log-Halliburton Canada/ac
Charted by: Depth in Feet scaled 1:240



HALLIBURTON

REPEAT LOG SECTION

5"x100'

Calibration Report

Database File c:\rwoms\database_barrettjolley_42c-20_691\jolley_42c-20_691_rbt_mnt.db
Dataset Pathname GGU_42C2069\Run1\FP_SEGMENTED_CBL
Dataset Creation Sun Sep 04 11:54:32 2011

Segmented Cement Bond Log Calibration Report

Serial Number:	2211
Tool Model:	004
Calibration Casing Diameter:	4.500 in
Calibration Depth:	111.000 ft

Master Calibration, performed Sat Sep 03 21:24:27 2011

	Raw (v)		Calibrated (mv)			
	Zero	Cal	Zero	Cal	Gain	Offset
3FT	0.000	0.744	0.000	62.000	167.550	1.875
5FT	0.004	0.820	2.000	82.000	98.003	1.566
8FT	0.003	0.817	1.000	81.000	98.765	0.765
S2	0.003	0.824	1.000	100.000	108.595	-0.353
S3	0.003	0.886	0.000	100.000	113.214	-0.285
S4	0.003	0.824	0.000	100.000	108.595	-0.353
S5	0.003	0.852	0.000	100.000	115.351	-0.295
S6	0.003	0.846	0.000	100.000	118.168	-0.342
S7	0.002	0.835	0.000	100.000	119.760	-0.239
S8	0.002	0.835	0.000	100.000	120.052	-0.205

Calibration Report

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

Reservoir Monitor Tool I Calibration Report

Serial-Model:	11606006-A
Shop Calibration Performed:	Thu Aug 25 15:24:40 2011

CarbonOxygen Mode

Stabilization

Result	Logged	Expected Value	Diff	Tol	Units
GEVV	80.00	80.00	0.00	+/-15.00	V
ITCR2	3144	3250	-106	+/-1250	cps

Near Detector

	Channel	Expected Value	Amplitude	FWHM	Tol
H	60.13	60.00	0.0257	5.50	+/-6.00
FGAIN = 0.997	206.55	206.00	0.0629	-----	-----
	FEQPF = 0.0				

Far Detector

	Channel	Expected Value	Amplitude	FWHM	Tol
H	60.15	60.00	0.0260	5.50	+/-6.00
FGAIN = 0.995	206.60	206.00	0.0609	-----	-----
	FEQPF = 0.2				

Result

Result	Logged	Expected Value	Diff	Tol	Units
CGR2	0.45	0.44	0.01	+/-0.03	
SIGF2	40.53	40.50	0.03	+/-0.50	cu
TCOR2	4953	4750	202	+/-1000	cps
ITCR2	3144	3250	-106	+/-1250	cps

Capture Mode

Stabilization

Result	Logged	Expected Value	Diff	Tol	Units
GEVV	80.00	80.00	0.00	+/-15.00	V
FCAP	10197	10000	197	+/-1000	cps

Horizontal Water Tank

Result	Logged	Expected Value	Diff	Tol	Units
NF1 Normalizer	0.93	0.95	-0.02	+/-0.10	
NF1 Near Norm	0.93	0.95	-0.02	+/-0.10	
RNF	1.08	1.05	0.03	+/-0.10	
RINCF					
SIGF1	24.07	24.00	0.07	+/-1.00	cu
SIGF2	23.93	23.85	0.08	+/-0.50	cu
FSR1	24811	24000	811	+/-2000	
FCAP	10473	10000	473	+/-1000	cps
NFTB	0.82		-0.00	-----	
FBAC	1.00		0.00	-----	
HBHG	101		1.00		cps
FBHG	111		-100		cps
RTF	0.40	0.40	0.02	+/-0.05	cps
	0.40	0.40	0.00	+/-0.25	usec

Calibration Software Modules

HRMT1 Module	2011.0.25.0
RMT1 Module	2011.0.25.1

Log Data Acquisition Software Modules

HRMT1 Module	2011.0.25.0
RMT1 Module	2011.0.25.1

Gamma Ray Calibration Report

Type / Serial: 001 / 10002718

Sat Sep 03 12:32:28 2011

	Counts/Sec	Gain	Offset	Adj	Units
Background Calibrator	30.6 330.3	1.000			cps cps
		1.4035			GAPI/cps

PRIMARY VERIFICATION

Sat Sep 03 12:36:18 2011

Background	56.3		cps
Calibrator	456.4		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

Sat Sep 03 12:32:28 2011

Service	Part (lb)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
PreSenSpin	10.16					
PreSenSpin2	10.16					
PreSenSpin3	10.16					
PreSenCon	10.16		STND_CH	1.00	1.44	1.00
PreSenCon2	10.16		1.43"ft OH CABLE HEAD			
PreSenSpin4	10.16					
PreSenTem	10.16		TTCU-001 (10002718)	6.55	1.69	33.00
PreSenTem2	10.16		Through Tubing Telemetry Cartridge - Ultrasonic			
PreSenTem3	10.16					
PreSenCirc	10.16		XHU-0003 (11272346)	1.58	1.69	7.00
PreSenCirc2	10.16		Ultrasonic Multifunction - HSI for Ultrasonic			
PreSenCam	10.16					
PreSenCam2	10.16					
PreSenLoc	10.16					
PreSenLoc2	10.16					
PreSenCon2	10.16					
PreEthDet	10.16					
PreEthSub	10.16					
PreEthSub2	10.16		RMT1A-1 (10009206)	14.06	2.13	77.00
PreEthTem	10.16		Halliburton RMT1 Tool			
PreEthTem2	10.16					
PreFPinSpin	10.16					
PreFPinSpin2	10.16					
PreFPinSpin3	10.16					
PreFPinTem	10.16					
PreFPinTem2	10.16					
XVIF3F1	7.12		GrooSlimSec	0.27	1.69	1.00
XVIF3F2	8.52		Slim Groo 1 Sensitive Pin Cross Over			
XVIF3I1	8.52		ALH-001 (0000001)	0.38	1.69	3.00
XVIF3I2	8.52		Accelerometer Hydrophone Combination			
XVIF3I3	8.52		CBHT-Probe (PT_MONCI)	2.98	2.75	35.00
XVIF3I4	8.52		Probe 2 3/4 Centralizer			
XVIF3I5	8.52					
XVIF3I6	8.52					
XVIF3I7	8.52					
CBLTEMP	8.52					
CBLPOT	8.52		GrooSlimSec	0.27	1.69	1.00
XVIF3F1	7.12		Slim Groo 1 Sensitive Pin Cross Over			
LLMTEN	0.00		RBT-004 (2211)	9.47	3.13	140.00
MAXMOT	0.00		Radial Bond Tool OD 3 1/8			
MAXBRES	0.00					
AHUTEMP	0.00					
AHCORR	0.00					
AHAVCX	0.00					
AHUSHU	0.00		CENT-Probe (PT_MONCI)	2.98	2.75	35.00
TSTAMP	0.00		Probe 2 3/4 Centralizer			
ITEMP4	0.00		BAL-001 (0000001)	0.30	1.69	1.50
HVOLT4	0.00		Ballistic Module			

Dataset: jolley_42c_20_691_rbt_mnt.db: GGU_42C2069\Run1\MAIN_RBT
Total Length: 38.36 ft
Total Weight: 370.00 lb
O.D.: 3.13 in

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

RADIO CEMENT BOND LOG

HALLIBURTON