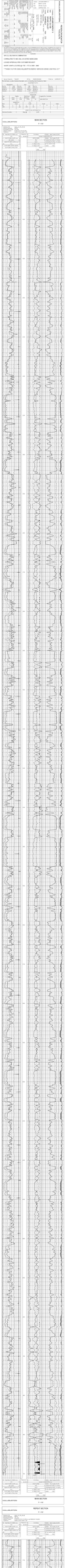
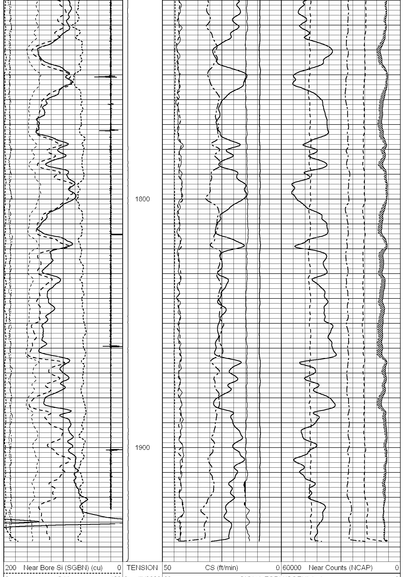

SPECIAL CHARACTER COMMENTS
CHANNELS TO BE ALL ACTIVE BEFORE ACTION
LOGGING MODELS & PDC CUT-OBER RECORD
MODE: 4 MIN CLOSING @ TD - 1 TO 2, MAD - MAP
** THANK YOU FOR USING HALLIBURTON ENERGY SERVICES GRAND JUNCTION, CO **
MAIN SECTION
PIPE TALLY
REPEAT SECTION
PIPE TALLY
MAIN SECTION
PIPE TALLY
REPEAT SECTION
PIPE TALLY
MAIN SECTION
PIPE TALLY



200 Near Bore Si (SGBN) (cu) 0	TENSION	50	CS (ft/min)	0 60000	Near Counts (NCAP) 0
0 OAI 100	(lb:3000)	60	SIGMA FORM(SGFM) (cu)		0

10 FAR FIT ERR (SGFF) (cu) 40	7	RATIO (RINF)	1 60000	Far Counts (FCAP)	0
0 GR (GAPI) 200	0	RIN	15 100000	FAR INTEL CT (FSIII)	0
0 NEAR FIT ERR (SGFN) (cu) 100	0	RICF	6 100000	NEAR INTEL CT (NSIII)	0
-950 CCL 50	0	H YIELD (YH2)	1	FIT INL NEAR (IINF)	
0 IIN FIT ERR (CFTR1) FAR 1	0	H YIELD (YH1)	1 20000	-1000	
0 IIN FIT ERR (CFTR2) FAR 1		IINOX2			
		-1500 1500			

HALLIBURTON

REPEAT SECTION

5" = 100'

Calibration Report

Database File: reppo_34_15b_rmt.db
Dataset Pathname: MAINF
Dataset Creation: Fri Dec 04 17:08:36 2009

Reservoir Monitor Tool Elite Calibration Report

Serial-Model: U658-A

Shop Calibration Performed: Wed Nov 25 17:09:27 2009

Linearity Results (Generator Off)

Near Detector 7 Peaks Found

Channel	Amplitude	FWHM
52.40	0.01013	4.84
95.82	0.00505	5.42
108.47	0.00821	6.99
136.65	0.00034	7.43
149.74	0.00029	8.91
183.66	0.00078	8.17
197.86	0.00062	9.03
0.00	0.00000	0.00
0.00	0.00000	0.00
0.00	0.00000	0.00

Near Detector
H Position 52.40 C Position 108.47 FE Position 183.66
Linearity Correction 3.16

Far Detector 7 Peaks Found

Channel	Amplitude	FWHM
52.41	0.01538	4.79
95.36	0.00198	4.16
108.00	0.00710	7.24
137.29	0.00017	4.72
150.22	0.00053	8.76
184.42	0.00079	7.40
198.30	0.00120	9.75
0.00	0.00000	0.00
0.00	0.00000	0.00
0.00	0.00000	0.00

Far Detector
H Position 52.41 C Position 108.00 FE Position 184.42
Linearity Correction 3.97

Carbon/Oxygen Mode

Stabilization

	Reading	Range
GENV	73.17	70 - 100 Volts
RAW ITCR2	3302.04	3000 - 3500 CPS

Near Detector

	Channel	Expected	Amplitude	FWHM
H	46.39	52	0.0340	4.75
FE	197.91	198	0.0978	----

NGAIN = 0.964 NZOFF = 7.784

Far Detector

	Channel	Expected	Amplitude	FWHM
H	46.57	52	0.0508	4.76
FE	199.92	198	0.0973	----

FGAIN = 0.965 FZOFF = 7.533

	Result	Expected
COIR2	0.439	0.42 - 0.48
LIRI2	1.421	1.20 - 1.60
RICF	0.901	0.70 - 0.90
TCCR2	3986.89	3000 - 5000 CPS
ITCR2	3193.18	2000 - 4000 CPS

Capture Mode

Stabilization

	Reading	Range
GENV	78.99	70 - 100 Volts
FCAP	9597.97	9500 - 10500 CPS

Result	Logged	Expected Value	Diff.	Tol.	Units
Ratio Normalizer	5.00	4.60	0.10	+/- 0.70	
Ratio Inel Norm	1.07	1.00	0.07	+/- 0.15	
Near Spaced Count	10834.21	8100 - 13000			CPS
Far Spaced Count	10524.44	9000 - 11000			CPS
Sigma Form Near	23.63	23.50	0.13	+/- 1.00	C.U.
Sigma Dore Near	77.22	77.00	0.22	+/- 8.00	C.U.
Sigma Form Far	22.29	22.50	-0.11	+/- 0.50	C.U.
Ratio Near/Far	1.03	1.10	-0.02	+/- 0.15	
Ratio Bore/Form	0.34	0.34	-0.02	+/- 0.04	
Near Error	0.70	<5.00			
Far Error	1.20	<5.00			
Near Background	120.75	<1000			
Far Background	95.15	< 500			
Near Resolving Time	0.973	0.0 - 2.0			
Far Resolving Time	0.975	0.0 - 2.0			

Calibration Software Modules

PILS Module	2009.3.6.0
RMTE Module	2009.4.9.999

Gamma Ray Calibration Report

Type / Serial: B / B095

SHOP CALIBRATION — Fri Dec 04 10:58:24 2009

	Counts/Sec	Gain	Offset	Jig	Units
Background	146.6				cps
Calibrator	529.8				cps
		0.5532			GAPI/cps

PRIMARY VERIFICATION — Fri Dec 04 11:02:17 2009

Background	80.7			cps
Calibrator	290.6			cps
Difference			209.9	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

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
CHEL	0.00					
FCAP	8.00		STND_CH	1.25	1.44	1.00
FBACK	8.00		1.4375 IN CABLE HEAD			
TFGT	8.00					
NINEL	7.50					
NCAP	7.50					
NBACK	7.50					
TNGT	7.50					
NINEL	7.50					
NCAP	7.50					
NBACK	7.50					
TNGT	7.50		TTTC-D (D095)	7.33	1.69	24.00
LLMTEN	0.00		Thru Tubing Telemetry Cartridge			
REPV	0.00					
REPI	0.00					
GENV	0.00					
GENI	0.00					
ISV	0.00					
ISI	0.00					
IONI	0.00					
LSHV	0.00					
SSHV	0.00					
ROMTEMP	0.00					
FLASKTEMP	0.00					
CNTL	0.00					
GNCTL	0.00					
SPECSTAT	0.00					
FSTAT	0.00					
HEADV	0.00					
SHUNTI	0.00					
TTTCSTAT	0.00					
SPECTRUM	0.00					
REPV	0.00					
REPI	0.00					
GENV	0.00		RMTE-A (U658)	14.17	2.13	77.00
GENI	0.00		RMTE			
ISV	0.00					
ISI	0.00					
IONI	0.00					
LSHV	0.00					
SSHV	0.00					
ROMTEMP	0.00					
FLASKTEMP	0.00					
CNTL	0.00					
GNCTL	0.00					
SPECSTAT	0.00					
FSTAT	0.00					
ShuntI	0.00					
HeadV	0.00					
TTTCStat	0.00					

Dataset: reppo_34_15b_rmt.db: field/well/run1/MAINF
Total Length: 22.75 ft
Total Weight: 102.00 lb
O.D. 2.13 in

Company	LARAMIE ENERGY II
Well	REPPO 34-15B
Field	GRAND VALLEY
County	GARFIELD
State	CO

HALLIBURTON

RESERVOIR MONITOR
TOOL ELITE