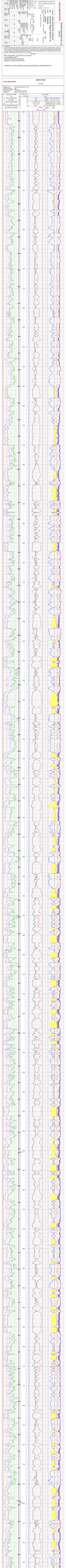
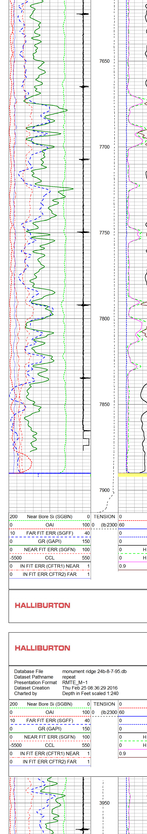

Mains Voltage Max. Variation
Mains Voltage Min. Variation
Mains Voltage Max. Variation
Mains Voltage Min. Variation
Mains Voltage Max. Variation
Mains Voltage Min. Variation



HALLIBURTON

MAIN PASS

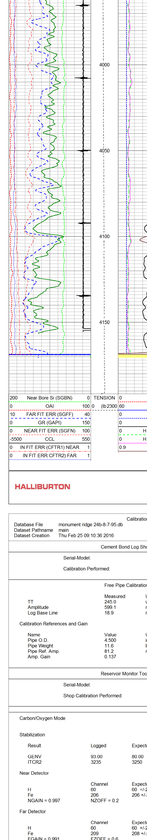
5"x100'

HALLIBURTON

REPEAT PASS

5"x100'

Database File monument ridge 24b-8-7-95.db
Database Pathname repeat
Presentation Format RMTE_M-1
Dataset Creation Thu Feb 25 08:36:29 2016
Charted by Depth in Feet scaled 1:240



HALLIBURTON

REPEAT PASS

5"x100'

Calibration Report

Database File monument ridge 24b-8-7-95.db
Dataset Pathname main
Dataset Creation Thu Feb 25 08:10:36 2016

Cement Bond Log Shop Calibration Report

Serial-Model 11836468-A

Calibration Performed Thu Feb 25 08:06:03 2016

Free Pipe Calibration

	Measured	Units
TT	245.0	usec
Amplitude	599.1	mV
Log Base Line	18.9	mV

Calibration References and Gain

Nomo	Value	Units
Pipe O.D.	7.000	in
Pipe Weight	41.0	lb/ft
Pipe Ref. Amp.	81.2	mV
Amp. Gain	0.137	

Reservoir Monitor Tool I Calibration Report

Serial-Model 12270603-A

Shop Calibration Performed Fri Feb 12 14:31:42 2016

Carbon/Oxygen Mode

Stabilization

Result	Logged	Expected Value	Diff.	Tol.	Units
GENV	93.00	80.00	13.00	+/-15.00	V
ITCR2	3235	3250	-15	+/-250	cps

Near Detector

	Channel	Expected Value	Amplitude	FWHM	Tol.
H	60	60 +/-2	0.0207	5.36	+/-0.00
Fe	206	206 +/-2	0.0939	-----	-----
NGAIN = 0.997	NZOFF = 0.2				

Far Detector

	Channel	Expected Value	Amplitude	FWHM	Tol.
H	60	60 +/-2	0.0342	6.01	+/-0.00
Fe	200	206 +/-2	0.0911	-----	-----
FGAIN = 0.991	FZOFF = 0.6				

Flask Temperature

55.3 degF

Result	Logged	Expected Value	Diff.	Tol.	Units
CORQ2	0.45	0.45	-0.00	+/-0.02	
LIRQ	1.36	1.36	0.00	+/-0.05	
TCCR2	5189	5000	189	+/-1000	cps
ITCR2	3213	3200	13	+/-250	cps

Sigma Mode

Stabilization

Result	Logged	Expected Value	Diff.	Tol.	Units
GENV	93.00	80.00	13.00	+/-15.00	V
FCAP	9709	10000	-291	+/-500	cps

Horizontal Water Tank

Result	Logged	Expected Value	Diff.	Tol.	Units
NIF Normalizer	1.00	0.95	0.05		
NIF Inel Norm	1.00	0.61	0.04		
RNF	1.00	1.07	-0.07	+/-0.12	
FIFTH	0.97	1.00	-0.03	+/-0.10	
SGFN	24.10	24.00	0.10	+/-0.50	cu
SGFF	22.94	22.85	0.09	+/-0.50	cu
FSIN	23109	24000	-891	+/-2000	cps
FCAP	9760	10000	-240	+/-1000	cps
FIFTH	0.97			+/-0.10	
ITTR	0.87			+/-0.00	
NBKG	180			+/-500	cps
FBKG	96			+/-500	cps
RTN	0.39	0.40	-0.01	+/-0.10	usec
RTF	0.41	0.40	0.01	+/-0.10	usec

Calibration Software Modules

HRMTI Module	2015.5.4.0
RMTI Module	2015.5.15.1

Log Data Acquisition Software Modules

HRMTI Module	2015.5.4.0
RMTI Module	2015.5.15.1

Gamma Ray Calibration Report

Type / Serial	002 / 11527445

SHOP CALIBRATION Fri Feb 12 13:43:57 2016

	Counts/Sec	Gain	Offset	Jig	Units
Background	24.6				cps
Calibrator	314.1				cps
		1.4958			GAPI/cps

PRIMARY VERIFICATION

Background	36.1		cps
Fe	490.2		cps
Difference		430.1	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

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			STNDCH-STND_CH 1.43'S IN CABLE HEAD	1.50	1.44	1.00
CCL	35.82					
GR	33.56		TTCU-002 (11527445) Through Tubing Telemetry Cartridge - Ultrawire	7.65	1.69	30.00
				1.58	1.69	7.00
			XHJ-003 (11983708) Crossover Halliburton 1003 to Ultrawire			
RmtTTGT	22.91					
RmtTNGT	22.41		RMTI-A (12270603) Halliburton RMTI Tool	14.00	2.13	77.00
RmtFPSV	14.66		X-OVER-GooSondes Go Box x Sondes Pin CrossOver	0.27	1.69	1.00
RmtBFwdAbs	14.66					
RmtCorrel	14.66		CENT-CASTM-CENT CAST 1M INLINE CENTRALIZER	2.16	3.13	25.00
Temp	9.57					
TT3FT	7.32		HCBLM-A (11836468) Halliburton HCBLM Tool	9.38	2.75	116.00
AMP3FT	7.32					
WVF3FT	6.36		CENT-CASTM-CENT CAST 1M INLINE CENTRALIZER	2.16	3.13	25.00
	2.84		AUH-001 (11072111) Adapter Ultrasonic/Halliburton	0.38	1.69	3.00
WVF3FT			BUL-001 (0000001) Bullnose	0.30	1.69	1.50
LLMTEN	0.00					

Database File monument ridge 24b-8-7-95.db field/west/run1/main
Total length 33.38 ft
Total weight 290.50 lb
O.D. 3.13 in

Company	URSA OPERATING COMPANY
Well	Monument Ridge B 24B-08-07-95
Field	Parachute
County	Garfield
State	CO

HALLIBURTON

RESERVOIR MONITOR LOG
GR-CCL