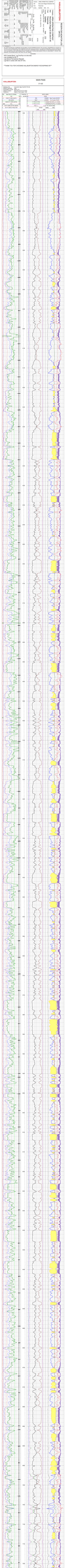
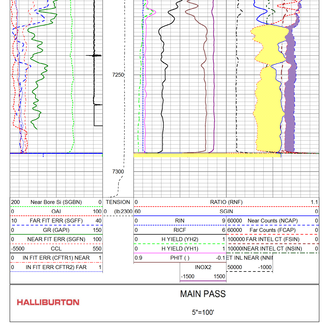
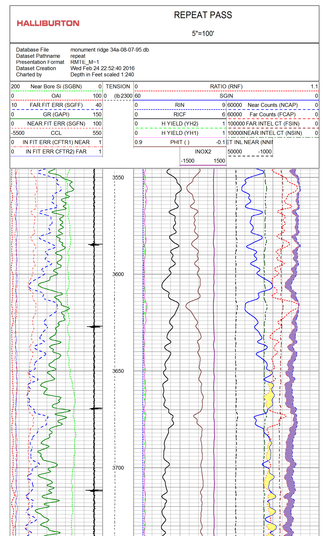
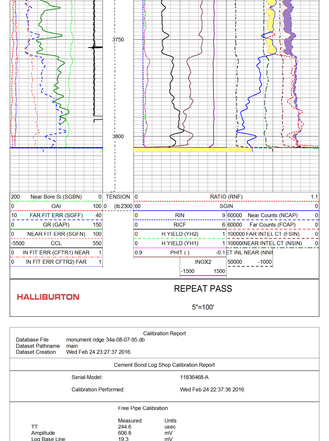

Mnemonic
Description
Units
Scale
Color
Type
Decimals
Gamma Ray
Gamma Ray
API
0.00 - 150.00
Resistivity
Resistivity
OHMM
0.20 - 2000.00
Density
Density
G/C3
1.95 - 2.95
Neutron
Neutron
V/V
0.45 - -0.15
Caliper
Caliper
IN
6.00 - 16.00
Delta Rho
Delta Rho
G/C3
-0.25 - 0.25
PE
PE
B/E
0.00 - 10.00
Gamma Ray
Resistivity
Density
Neutron
Caliper
Delta Rho
PE







Calibration Report

Database File monument ridge 34a-08-07-95.db
Dataset Pathname main
Dataset Creation Wed Feb 24 23:27:37 2016

Cement Bond Log Shop Calibration Report

Serial-Model: 11836468-A

Calibration Performed: Wed Feb 24 22:37:36 2016

Free Pipe Calibration

	Measured	Units
TT	244.6	usec
Amplitude	606.8	mV
Log Base Line	19.3	mV

Calibration References and Gain

Name	Value	Units
Pipe O.D.	4.500	in
Pipe Weight	11.6	lb/ft
Pipe Ref. Amp.	81.2	mV
Amp. Gain	0.135	

Reservoir Monitor Tool I Calibration Report

Serial-Model: 12270693-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	69 +/-2	0.0267	5.38	+6.00
Fe	206	206 +/-2	0.0959	-----	-----
NGAIN = 0.997	NZOFF = 0.2				

Far Detector

	Channel	Expected Value	Amplitude	FWHM	Tol
H	60	69 +/-2	0.0342	6.01	+6.50
Fe	209	206 +/-2	0.0911	-----	-----
FGAIN = 0.991	FZOFF = 0.6				

Flask Temperature 55.3 degF

Result	Logged	Expected Value	Diff.	Tol.	Units
COR2	0.45	0.45	-0.00	+/-0.02	
LIR2	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
NF Normalizer	1.00	0.95	0.05		
NF Inel Norm	0.65	0.61	0.04		
RNF	1.00	1.07	-0.07	+/-0.12	
RINC	1.54	1.64	-0.10	+/-0.18	
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
NSIN	9760	10000	-240	+/-1000	cps
NFTR	0.80			+/-5.00	
FFTR	0.87			+/-5.00	
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 13:45:57 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
Calibrator	466.2				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 1.4375 in CABLE HEAD	1.50	1.44	1.00
CCL	35.82					
GR	33.56		TTTCU-002 (11527445) Through Tubing Telemetry Cartridge - Ultrawire	7.65	1.69	30.00
			XHJ-003 (11983708) Crossover Halliburton 1553 to Ultrawire	1.58	1.69	7.00
RmtTFGT	22.91					
RmtTNGT	22.41		RMTI-A (12270693) Halliburton RMTI Tool	14.00	2.13	77.00
RmtFPSV	14.66		X-OVER-GasSondes Go Box x Sondes Pin CrossOver	0.27	1.69	1.00
RmtNFcanMod	14.66		CENT-CASTM-CENT CAST M INLINE CENTRALIZER	2.16	3.13	25.00
RmtCentrFWa	14.66					
Temp	9.57		HCBLM-A (11836468) Halliburton HCBLM Tool	9.38	2.75	116.00
TT3FT	7.32					
AMP3FT	7.32					
WVF3FT	6.36		CENT-CASTM-CENT CAST M INLINE CENTRALIZER	2.16	3.13	25.00
WVF3FT	2.84		AUH-001 (11072111) Adaptor Ultrawire/Halliburton	0.38	1.69	3.00
			BUL-001 (000001) Bullnose	0.30	1.69	1.50
LLMTEN	0.00					

Dataset: monument ridge 34a-08-07-95 db: field/well/run1/main
Total length: 39.39 ft
Total weight: 286.50 lb
O.D.: 3.13 in

Company	URSA OPERATING COMPANY
Well	Monument Ridge B 34A-08-07-95
Field	Parachute
County	Garfield
State	CO

HALLIBURTON

RESERVOIR MONITOR LOG
GR-CCL