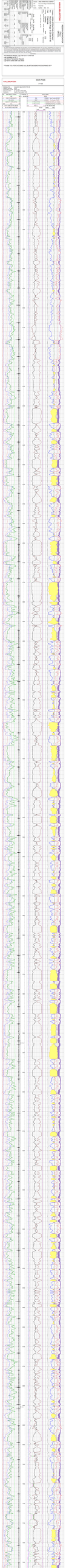

Mud Logging Unit
Mud Logging Unit
Mud Logging Unit

HALLIBURTON

MAIN PASS

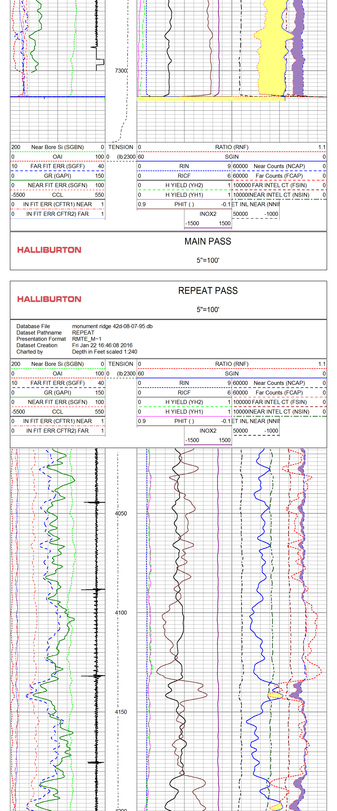
5"=100'

HALLIBURTON

REPEAT PASS

5"=100'

Database File monument ridge 42d-08-07-95.db
Dataset Pathname REPEAT
Presentation Format RMTF_M~1
Dataset Creation Fri Jan 22 16:46:08 2016
Charted by Depth in Feet scaled 1:240



HALLIBURTON

REPEAT PASS

5"=100'

Calibration Report

Database File monument ridge 42d-08-07-95.db
Dataset Pathname MAIN
Dataset Creation Fri Jan 22 17:15:16 2016

Cement Bond Log Shop Calibration Report

Serial-Model: 11836468-A

Calibration Performed: Fri Jan 22 16:38:23 2016

Free Pipe Calibration

	Measured	Units
TT	245.6	usec
Amplitude	580.3	mV
Log Base Line	19.9	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	0.140	

Reservoir Monitor Tool I Calibration Report

Serial-Model: 12270693-A

Shop Calibration Performed: Sun Jan 10 18:03:51 2016

Carbon/Oxygen Mode

Stabilization

Result	Logged	Expected Value	Diff.	Tol.	Units
GENV	92.00	80.00	12.00	+/-15.00	V
ITCR2	3435	3250	185	+/-250	cps

Near Detector

Channel	Expected Value	Amplitude	FWHM	Tol.
H	60	60 +/-2	0.0268	5.37	+6.00
Fe	207	206 +/-2	0.0948	-----	-----
NGAIN = 0.996	NZOFF = 0.3				

Far Detector

Channel	Expected Value	Amplitude	FWHM	Tol.
H	60	60 +/-2	0.0341	6.02	+8.50
Fe	209	208 +/-2	0.0916	-----	-----
FGAIN = 0.991	FZOFF = 0.6				

Flask Temperature 55.3 degF

Result	Logged	Expected Value	Diff.	Tol.	Units
COIR2	0.45	0.45	-0.00	+/-0.02	
LIR2	1.37	1.36	0.01	+/-0.05	
TCCR2	5506	5000	506	+/-1000	cps
ITCR2	3432	3200	232	+/-250	cps

Sigma Mode

Stabilization

Result	Logged	Expected Value	Diff.	Tol.	Units
GENV	91.00	80.00	11.00	+/-15.00	V
FCAP	10099	10000	99	+/-500	cps

Horizontal Water Tank

Result	Logged	Expected Value	Diff.	Tol.	Units
N/F Normalizer	1.01	0.95	0.06		
N/F Inel Norm	0.65	0.61	0.04		
RNF	0.99	1.07	-0.08	+/-0.12	
RINC	1.54	1.64	-0.10	+/-0.18	
SGFN	24.11	24.00	0.11	+/-0.50	cu
SGFF	22.94	22.85	0.09	+/-0.50	cu
FSIN	23744	24000	-256	+/-2000	cps
FSIP	10025	10000	25	+/-1000	cps
NFTR	0.83			+/-0.10	
FTTR	0.89			+/-0.00	
NBKG	214			<500	cps
FBKG	198			<500	cps
RTN	0.40	0.40	-0.00	+/-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 / 11159411

SHOP CALIBRATION Tue Dec 15 21:01:01 2015

	Counts/Sec.	Gain	Offset	Jig	Units
Background	28.7				cps
Calibrator	323.0				cps
		1.3864			GAPI/cps

PRIMARY VERIFICATION

Background	40.3				cps
Calibrator	454.6				cps
Difference				414.4	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					
			TTTCU-002 (11159411) Through-Tubing Telemetry Cartridge - Ultrawire	7.65	1.69	30.00
GR	33.56					
			XHU-003 (11983708) Crossover Halliburton 1503 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-GoxSondex Go Box x Sondex Pin CrossOver	0.27	1.69	1.00
RmtNFwvMid	14.66					
RmtCoreaFWa	14.66		CENT-CASTM-CENT CAST M INLINE CENTRALIZER	2.16	3.13	25.00
Temp	9.57					
TTXFT	7.32		HCBLM-A (11836468) Halliburton HCBLM Tool	9.38	2.75	116.00
AMP3FT	7.32					
WVF3FT	6.36					
			CENT-CASTM-CENT CAST M INLINE CENTRALIZER	2.16	3.13	25.00
WVF3FT	2.84		ALIH-001 (11072711) Adaptor Ultrawire/Halliburton	0.38	1.69	3.00
LLMTEN	0.00		BULI-001 (000001) Bullnose	0.30	1.69	1.50

Dataset: monument ridge 42d-08-07-95.db: field/wellrun1/MAIN
Total length: 39.39 ft
Total weight: 286.50 lb
O.D.: 3.13 in

Company	URSA OPERATING COMPANY
Well	Monument Ridge B 42D-08-07-95
Field	Parachute
County	Garfield
State	CO

HALLIBURTON

RESERVOIR MONITOR
TOOL I
GR-CCL