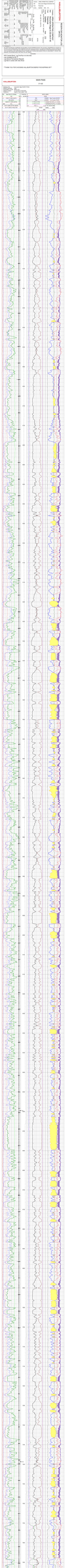
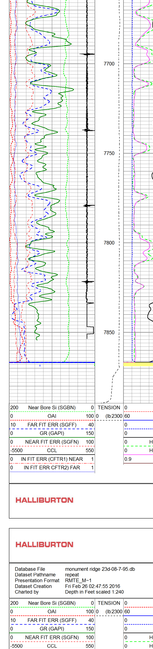

Gamma Ray (API)
Caliper (Inches)
Resistivity (Ohms)
Density (g/cm3)
Neutron Porosity (%)
Sonic (us/ft)
Photoelectric Factor (b/e)



200	Near Bore Sl (SGBN)	0	TENSION	0	RATIO (RNF) 1.1
0	GAI	100.0	(0.2300.00		SGIN 0
10	FAR FIT ERR (SGFF)	40	0	RIN	9.60000 Near Counts (NCAP) 0
0	GR (GAPI)	150	0	RICF	6.00000 Far Counts (FCAP) 0
0	NEAR FIT ERR (SGFN)	100	0	H YIELD (YHZ)	1.100000 FAR INTEL CT (FSIN) 0
-5000	CCL	550	0	H YIELD (YH1)	1.100000 NEAR INTEL CT (NSIN) 0
0	IN FIT ERR CFTR(1) NEAR	1	0.9	PHIT ()	-0.1 FT, NL NEAR (NNI)
0	IN FIT ERR CFTR(2) FAR	1		INOXZ	50000 -1000
					-1500 1500

HALLIBURTON

MAIN PASS

5"x100'

HALLIBURTON

REPEAT PASS

5"x100'

Database File monument ridge 23d-08-7-9f.db
Dataset Pathname repeat
Dataset Creation Fri Feb 26 02:47:55 2016
Charted by Depth in Feet scaled 1:240

200	Near Bore Sl (SGBN)	0	TENSION	0	RATIO (RNF) 1.1
0	GAI	100.0	(0.2300.00		SGIN 0
10	FAR FIT ERR (SGFF)	40	0	RIN	9.60000 Near Counts (NCAP) 0
0	GR (GAPI)	150	0	RICF	6.00000 Far Counts (FCAP) 0
0	NEAR FIT ERR (SGFN)	100	0	H YIELD (YHZ)	1.100000 FAR INTEL CT (FSIN) 0
-5000	CCL	550	0	H YIELD (YH1)	1.100000 NEAR INTEL CT (NSIN) 0
0	IN FIT ERR CFTR(1) NEAR	1	0.9	PHIT ()	-0.1 FT, NL NEAR (NNI)
0	IN FIT ERR CFTR(2) FAR	1		INOXZ	50000 -1000
					-1500 1500

200	Near Bore Sl (SGBN)	0	TENSION	0	RATIO (RNF) 1.1
0	GAI	100.0	(0.2300.00		SGIN 0
10	FAR FIT ERR (SGFF)	40	0	RIN	9.60000 Near Counts (NCAP) 0
0	GR (GAPI)	150	0	RICF	6.00000 Far Counts (FCAP) 0
0	NEAR FIT ERR (SGFN)	100	0	H YIELD (YHZ)	1.100000 FAR INTEL CT (FSIN) 0
-5000	CCL	550	0	H YIELD (YH1)	1.100000 NEAR INTEL CT (NSIN) 0
0	IN FIT ERR CFTR(1) NEAR	1	0.9	PHIT ()	-0.1 FT, NL NEAR (NNI)
0	IN FIT ERR CFTR(2) FAR	1		INOXZ	50000 -1000
					-1500 1500

HALLIBURTON

REPEAT PASS

5"x100'

Calibration Report

Database File monument ridge 23d-08-7-9f.db
Dataset Pathname main
Dataset Creation Fri Feb 26 03:19:26 2016

Cement Bond Log Sbop Calibration Report

Serial-Model: 11836468-A

Calibration Performed: Fri Feb 26 02:37:39 2016

Free Pipe Calibration

	Measured	Units
TT	245.0	usec
Amplitude	619.5	mV
Log Base Line	19.3	mV

Calibration References and Gain

	Value	Units
Name	4.500	in
Pipe Weight	11.6	lb/ft
Pipe Refl. Amp.	812	mV
Amp. Gain	0.132	

Reservoir Monitor Tool I Calibration Report

Serial-Model: 12270693-A

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

Carbon/Oxygen Mode

Stabilization

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

Near Detector

	Channel	Expected Value	Amplitude	FWHM	Tot.
H	60	60 +/-2	0.0267	5.38	+6.00
Fe	206	206 +/-2	0.0959	----	----
NGAIN = 0.997	N2OFF = 0.2				

Far Detector

	Channel	Expected Value	Amplitude	FWHM	Tot.
H	60	60 +/-2	0.0342	6.01	+6.50
Fe	209	208 +/-2	0.0911	----	----
FGAIN = 0.991	F2OFF = 0.6				

Flask Temperature 85.3 degF

Result

Result	Logged	Expected Value	Diff.	Tol.	Units
CORR2	0.45	0.45	-0.00	+/-0.02	
LSR2	1.36	1.36	0.00	+/-0.05	
TCOR2	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
FCAT	9709	10000	-291	+/-500	cps

Horizontal Water Tank

Result	Logged	Expected Value	Diff.	Tol.	Units
N/F Normalizer	1.00	0.95	0.05		
N/F Ratio Norm	1.00	1.00	0.00		
RNF	1.55	1.57	-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	22.93	0.09	+/-0.50	cu
FCAT	10091	10000	491	+/-1000	cps
FCAT2	9760	10000	-240	+/-1000	cps
NFTR	0.80			+/-5.00	
FFTR	0.87			+/-5.00	
NBKG	180			+/-500	cps
FBKG	0			+/-500	cps
RTN	0.39	0.40	-0.01	+/-0.10	usec
FFT	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	2015.5.10.1

Gamma Ray Calibration Report

Type / Serial 002 / 11527445

SHOP CALIBRATION Fri Feb 12 13:43:37 2016

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

PRIMARY VERIFICATION

Description					Units
Background	36.1				cps
Calibrator	466.2				cps
Difference				430.1	GAPI

BEFORE SURVEY VERIFICATION

Description					Units
Background	0.0				cps
Calibrator	0.0				cps
Difference				0.0	GAPI

AFTER SURVEY VERIFICATION

Description					Units
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 KITS 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
			XHU-003 (11983708) Crossover Halliburton 1003 to Ultrawire	1.58	1.69	7.00
RmtTiTGT	22.91					
RmtTiNGT	22.41		RMTI-A (12270693) Halliburton RMTI Tool	14.00	2.13	77.00
RmtTPSV	14.66		X-OVER-GasSonden Go Box x Sonden Pin CrossOver	0.27	1.69	1.00
RmtSondeMidA	14.66		CENT-CASTM-CENT CAST M RLINE CENTRALIZER	2.16	3.13	25.00
RmtCasedWallA	6.98					
Temp	9.57					
TTiHT	7.32		HCBLM-A (11836468) Halliburton HCBLM Tool	9.38	2.75	116.00
AMPtHT	7.32					
WVFSHT	6.36		ALH-001 (11072111) Adaptive Ultrawire Halliburton	0.38	1.69	3.00
			CENT-CASTM-CENT CAST M RLINE CENTRALIZER	2.16	3.13	25.00
LLMTEN	0.00		BUL-001 (000001) Bullnose	0.30	1.69	1.50

Dataset: monument ridge 23d-08-7-9f..db: field/wellrun1/main
Total length: 39.39 ft
Total weight: 295.50 lb
O.D.: 3.13 in

Company	URSA OPERATING COMPANY
Well	Monument Ridge B 23D-08-07-9S
Field	Parachute
County	Garfield
State	CO

HALLIBURTON

RESERVOIR MONITOR LOG
GR-CCL