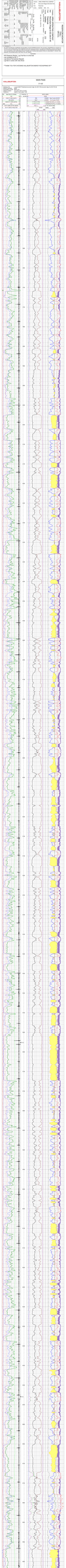
Gamma Ray (API)
Caliper (in)
Bit Size (in)
Density Correction (g/cm³)
Neutron Porosity (dec)
Bulk Density (g/cm³)
Photoelectric Factor (b/e)
Resistivity (ohmm)
Deep Resistivity (ohmm)
Medium Resistivity (ohmm)
Shallow Resistivity (ohmm)
Delta Rho

200	Near Bore Si (SGBN)	0	TENSION	0	RATIO (RNF)		1.1
0	OAI	100	(lb:2300	60	SGIN		0
10	FAR FIT ERR (SGFF)	40		0	RIN	9 60000	Near Counts (NCAP) 0
0	GR (GAPI)	150		0	RICF	6 60000	Far Counts (FCAP) 0
0	NEAR FIT ERR (SGFN)	100		0	H YIELD (YH2)	1 100000	FAR INTEL CT (FSIN) 0
-4500	CCL	450		0	H YIELD (YH1)	1 100000	NEAR INTEL CT (NSIN) 0
0	IN FIT ERR (CFTR1)	NEAR 1		0.9	PHIT ( )	-0.1	ET INL NEAR (NNI
0	IN FIT ERR CFTR2)	FAR 1			INOXZ	50000 -1000	
					-1500 1500		

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MAIN PASS

5"=100'

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REPEAT PASS

5"=100'

Database File c:\users\hb64775\desktop\monument ridge 43c-08-07-95\monument ridge 43c-08-07-95.db
Dataset Pathname REPEAT
Presentation Format RMTE_M-1
Dataset Creation Wed Jan 20 23:31:49 2016
Charted by Depth in Feet scaled 1:240

200	Near Bore Si (SGBN)	0	TENSION	0	RATIO (RNF)		1.1
0	OAI	100	(lb:2300	60	SGIN		0
10	FAR FIT ERR (SGFF)	40		0	RIN	9 60000	Near Counts (NCAP) 0
0	GR (GAPI)	150		0	RICF	6 60000	Far Counts (FCAP) 0
0	NEAR FIT ERR (SGFN)	100		0	H YIELD (YH2)	1 100000	FAR INTEL CT (FSIN) 0
-4500	CCL	450		0	H YIELD (YH1)	1 100000	NEAR INTEL CT (NSIN) 0
0	IN FIT ERR (CFTR1)	NEAR 1		0.9	PHIT ( )	-0.1	ET INL NEAR (NNI
0	IN FIT ERR CFTR2)	FAR 1			INOXZ	50000 -1000	
					-1500 1500		

200	Near Bore Si (SGBN)	0	TENSION	0	RATIO (RNF)		1.1
0	OAI	100	(lb:2300	60	SGIN		0
10	FAR FIT ERR (SGFF)	40		0	RIN	9 60000	Near Counts (NCAP) 0
0	GR (GAPI)	150		0	RICF	6 60000	Far Counts (FCAP) 0
0	NEAR FIT ERR (SGFN)	100		0	H YIELD (YH2)	1 100000	FAR INTEL CT (FSIN) 0
-4500	CCL	450		0	H YIELD (YH1)	1 100000	NEAR INTEL CT (NSIN) 0
0	IN FIT ERR (CFTR1)	NEAR 1		0.9	PHIT ( )	-0.1	ET INL NEAR (NNI
0	IN FIT ERR CFTR2)	FAR 1			INOXZ	50000 -1000	
					-1500 1500		

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REPEAT PASS

5"=100'

Calibration Report
Database File C:\Users\hb64775\Desktop\monument ridge 43c-08-07-95\monument ridge 43c-08-07-95.db
Dataset Pathname MAIN
Dataset Creation Thu Jan 21 00:01:27 2016

Cement Bond Log Shop Calibration Report

Serial-Model: 11836468-A

Calibration Performed: Wed Jan 20 23:21:11 2016

Free Pipe Calibration

	Measured	Units
TT	245.3	usec
Amplitude	593.7	mV
Log Base Line	20.1	mV

Calibration References and Gain

Name	Value	Units
Pipe O.D.	4.500	in
Pipe Weight	11.6	lb/ft
Raw Ref. Amp.	81.2	mV
Amp. Gain	0.138	

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	0.0258	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	<6.50
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	5096	5000	596	+/-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	0.69	0.61	0.08	-----	
SGFN	0.09	0.07	-0.04	+/-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
FCAP	10025	10000	25	+/-1000	cps
NFTR	0.81			+/-5.00	
FFTR	0.89			+/-5.00	
NBKG	214			+500	cps
FBKG	108			+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	35.62					
GR	33.56		TTTCU-002 (11159411) Through Tubing Telemetry Cartridge - Ultrawire	7.65	1.69	30.00
			XHJ-003 (11983708) Crossover HalliburtonTOOLS 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-GooSondes Go Box x Sondes Pin CrossOver	0.27	1.69	1.00
RmtNFwdMa	14.66		CENT-CASTM-CENT CASTT MI INLINE CENTRALIZER	2.16	3.13	25.00
RmtCommPWa	14.66					
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 CASTT MI INLINE CENTRALIZER	2.16	3.13	25.00
WVF3FT	2.84		ALH-001 (11072111) Adaptor Ultrawire/Halliburton	0.38	1.69	3.00
LLMTEN	0.00		BUL-001 (000001) Bullnose	0.30	1.69	1.50

Dataset: monument ridge 43c-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 43C-08-07-95
Field	Parachute
County	Garfield
State	CO

HALLIBURTON

RESERVOIR MONITOR LOG
GR-CCL