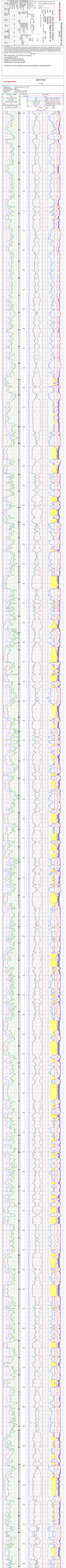
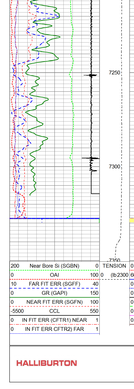

Depth - Metres Vertical Scale 1:200
Depth - Feet Vertical Scale 1:240
Gamma Ray (GAPI) 0 to 150
Caliper (Inches) 6 to 16
Resistivity (Ohm.m) 0.2 to 2000
Density (g/cm3) 1.95 to 2.95
Neutron Porosity (Limestone) 0.45 to -0.15
Sonic (µs/ft) 140 to 40



200	Near Bore SI (SGBN)	0	TENSION	0	RATIO (RNF)		1.1
0	OAI	100	0	(lb/2000	0	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
-5500	CCL	550			0	H YIELD (YH1) 1 100000 NEAR INTEL CT (NSIN)	0
0	IN FIT ERR (CFTR1) NEAR	1			0.9	PHIT ( ) -0.1 FT INL NEAR (NNI)	
0	IN FIT ERR CFTR2) FAR	1				INOX2 50000 -1000	
						-1500 1500	

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MAIN PASS

5"=100'

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REPEAT PASS

5"=100'

Database File	monument ridge 33c-08-7-95.db
Dataset Pathname	rpass1
Presentation Format	RMTE_M~1
Dataset Creation	Thu Feb 25 17:37:37 2016
Charted by	Depth in Feet scaled 1:240

200	Near Bore SI (SGBN)	0	TENSION	0	RATIO (RNF)		1.1
0	OAI	100	0	(lb/2000	0	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
-5500	CCL	550			0	H YIELD (YH1) 1 100000 NEAR INTEL CT (NSIN)	0
0	IN FIT ERR (CFTR1) NEAR	1			0.9	PHIT ( ) -0.1 FT INL NEAR (NNI)	
0	IN FIT ERR CFTR2) FAR	1				INOX2 50000 -1000	
						-1500 1500	

200	Near Bore SI (SGBN)	0	TENSION	0	RATIO (RNF)		1.1
0	OAI	100	0	(lb/2000	0	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
-5500	CCL	550			0	H YIELD (YH1) 1 100000 NEAR INTEL CT (NSIN)	0
0	IN FIT ERR (CFTR1) NEAR	1			0.9	PHIT ( ) -0.1 FT INL NEAR (NNI)	
0	IN FIT ERR CFTR2) FAR	1				INOX2 50000 -1000	
						-1500 1500	

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REPEAT PASS

5"=100'

Database File	monument ridge 33c-08-7-95.db
Dataset Pathname	main1
Dataset Creation	Thu Feb 25 18:10:27 2016

Cement Bond Log Shop Calibration Report

Serial-Model:	11836468-A
Calibration Performed:	Thu Feb 25 17:23:49 2016

Free Pipe Calibration

	Measured	Units
TT	245.0	usec
Amplitude	945.3	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	0.127	

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.
60	+/-2	0.0267	5.38	+6.00
206	+/-2	0.0959	-----	-----
NZOFF < 0.2				

Far Detector

Channel	Expected Value	Amplitude	FWHM	Tol.
60	+/-2	0.0342	6.01	+6.00
208	+/-2	0.0911	-----	-----
FZOFF < 0.6				

Flask Temperature 55.3 degF

Result	Logged	Expected Value	Diff.	Tol.	Units
COIR2	0.45	0.45	-0.00	+/-0.02	
LIRG	1.30	1.30	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
N/F Normalizer	1.00	0.95	0.05		
N/F Inel Norm	0.65	0.61	0.04		
RNF	1.00	1.07	-0.07	+/-0.12	
RNFC	1.00	1.07	-0.07	+/-0.12	
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
NFTR	0.80			<5.00	
FFTR	0.87			<5.00	
FSIG	36			<500	cps
FBKG	36			<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
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 RmtTNGT	22.91 22.41		RMTI-A (12270693) Halliburton RMTI Tool	14.00	2.13	77.00
RmtFPSV RmtNFwMidAP14.66 RmtCorrelatFWA14.66	14.66		X-OVER-GodGondex Gx Box x Sondex Pin CrossOver CENT-CASTM-CENT CAST M INLINE CENTRALIZER	0.27 2.16	1.69 3.13	1.00 25.00
Temp	9.57					
TT3FT AMPSFT WVFSFT	7.32 7.32 6.36		HCBLM-A (11836468) Halliburton HCBLM Tool	9.38	2.75	116.00
WVFSFT	2.84		CENT-CASTM-CENT CAST M INLINE CENTRALIZER ALH-001 (11072111) Adapter Ultrawire/Halliburton	2.16 0.38	3.13 1.69	25.00 3.00
LLMTEN	0.00		BUL-001 (600001) Bullnose	0.30	1.69	1.50

Dataset: monument ridge 33c-08-7-95.db: field/wellrun1/main1
Total length: 39.38 ft
Total weight: 286.50 lb
O.D.: 3.13 in

Company	URSA OPERATING COMPANY
Well	Monument Ridge B 33C-08-07-95
Field	Parachute
County	Garfield
State	CO

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RESERVOIR MONITOR LOG
GR-CCL