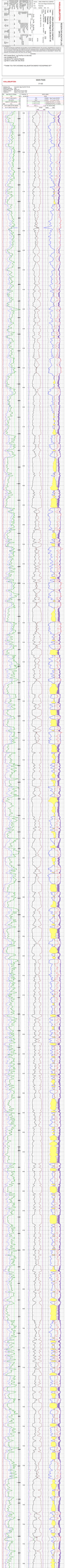
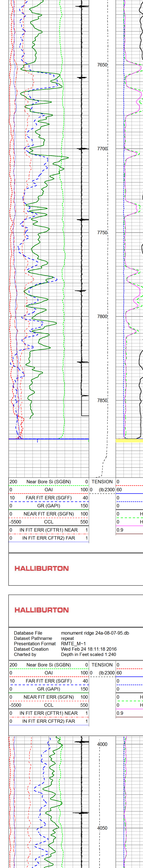

Notes: Drilled May 1st 2018 to
Cased with 5 1/2" casing to
Perforated with 3 1/8" HSC
Stimulated with 5 stages of
Flowback commenced May 1
Flowed for 24 hours and
Shut in for 48 hours and
Flowed for 24 hours and
Shut in for 48 hours and
Flowed for 24 hours and
Shut in for 48 hours and



200	Near Bore GI (GGBN)	0	TENSION	0	RATIO (RNF)	1.1
0	GAI 100	0	(lb:2300.00		SGIN	0
10	FAR FIT ERR (SGFT) 40			0	RIN 9.00000 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 (YH2) 1.10000 FAR INTEL CT (FSIN)	0
-5000	CCL 5000			0	H YIELD (YH1) 1.10000 NEAR INTEL CT (NSIN)	0
0	-N FIT ERR (CFTR1) NEAR -1			0.9	PHIT (-) -0.127 INL NEAR (INNI)	0
0	IN FIT ERR (CFTR1) FAR 1				INXK2 50000 -1000	
					-1500 1500	

HALLIBURTON

MAIN PASS

5"=100'

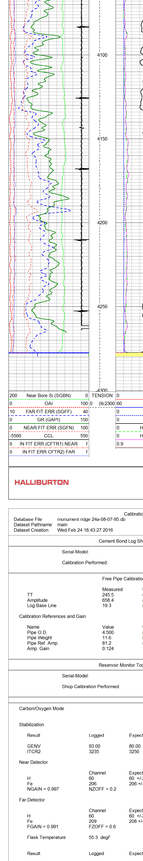
HALLIBURTON

REPEAT PASS

5"=100'

Database File monument ridge 24a-08-07-95.db
Dataset Pathname main
Presentation Format RMTL_M-1
Dataset Creation Wed Feb 24 16:11:16 2016
Charted by Depth in Feet scaled 1:240

200	Near Bore GI (GGBN)	0	TENSION	0	RATIO (RNF)	1.1
0	GAI 100	0	(lb:2300.00		SGIN	0
10	FAR FIT ERR (SGFT) 40			0	RIN 9.00000 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 (YH2) 1.10000 FAR INTEL CT (FSIN)	0
-5000	CCL 5000			0	H YIELD (YH1) 1.10000 NEAR INTEL CT (NSIN)	0
0	-N FIT ERR (CFTR1) NEAR -1			0.9	PHIT (-) -0.127 INL NEAR (INNI)	0
0	IN FIT ERR (CFTR1) FAR 1				INXK2 50000 -1000	
					-1500 1500	



200	Near Bore GI (GGBN)	0	TENSION	0	RATIO (RNF)	1.1
0	GAI 100	0	(lb:2300.00		SGIN	0
10	FAR FIT ERR (SGFT) 40			0	RIN 9.00000 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 (YH2) 1.10000 FAR INTEL CT (FSIN)	0
-5000	CCL 5000			0	H YIELD (YH1) 1.10000 NEAR INTEL CT (NSIN)	0
0	-N FIT ERR (CFTR1) NEAR -1			0.9	PHIT (-) -0.127 INL NEAR (INNI)	0
0	IN FIT ERR (CFTR1) FAR 1				INXK2 50000 -1000	
					-1500 1500	

HALLIBURTON

REPEAT PASS

5"=100'

Calibration Report

Database File monument ridge 24a-08-07-95.db
Dataset Pathname main
Dataset Creation Wed Feb 24 16:43:27 2016

Cement Bond Log Shop Calibration Report

Serial Model: 11836468.A

Calibration Performed: Wed Feb 24 13:26:46 2016

Free Pipe Calibration

	Measured	Units
TT	245.0	usec
Amplitude	656.4	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	0.124	

Reservoir Monitor Tool I Calibration Report

Serial Model: 12270693.A

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

Result

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	69	60 +/-2	0.3267	5.38	+/-0.00
K	206	206 +/-2	0.0959	-----	-----
NGAIN = 0.997	NZOFF = 0.2				

Far Detector

	Channel	Expected Value	Amplitude	FWHM	Tol.
H	209	209 +/-2	0.0242	6.01	+/-0.50
Fe	208	208 +/-2	0.0013	-----	-----
FGAIN = 0.991	FZOFF = 0.6				

Flask Temperature 55.3 degF

Result	Logged	Expected Value	Diff.	Tol.	Units
CORR2	0.40	0.45	-0.05	+/-0.02	
LIRO	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
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 Ind Norm	0.95	0.85	0.04	-----	
SIGF	1.53	1.07	-0.07	+/-0.12	
SIGN	1.04	1.64	-0.10	+/-0.18	
SGFN	24.10	24.00	0.10	+/-0.50	cu
SGIN	23.90	24.00	-0.10	+/-0.50	cu
FGIN	23109	24000	-891	+/-3000	cps
FCAP	9760	10000	-240	+/-1000	cps
NFTR	0.80	0.80	-----	+/-0.00	
FFTR	0.67	-----	-----	+/-0.00	
FSKG	96	-----	-----	+/500	cps
FSKG	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 13:43:57 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		TTCU-002 (11527445) Through Tubing Telemetry Cartridge - Ultrawire	7.65	1.69	30.00
			XHU-003 (11983726) Crossover Halliburton 1553 to Ultrawire	1.58	1.69	7.00
RmtTrGT	22.91					
RmtTrGT	22.41		RMTI-A (12270693) Halliburton RMTI Tool	14.00	2.13	77.00
RmtFPSV	14.66		X-OVER-GooSondex Go Box x Sondex Pin CrossOver	0.27	1.69	1.00
RmtSondexMnd	14.66		CENT-CASTM-CENT CAST 'M PN,WE CENTRALIZER	2.16	3.13	25.00
Temp	9.57					
TTSFT	7.32		HCBLM-A (11836468) Halliburton HCBLM Tool	9.38	2.75	116.00
AMPSFT	7.32					
WVFSFT	6.36					
			CENT-CASTM-CENT CAST 'M PN,WE CENTRALIZER	2.16	3.13	25.00
WVFSFT	2.84		AUH-001 (11072211) Halliburton Ultrawire Adapter	0.38	1.69	3.00
LLMTEN	0.00		BULI-001 (555501) Battery	0.30	1.69	1.50

Dataset monument ridge 24a-08-07-95.db: fieldlevelrun1main
Total length 39.38 ft
Total weight 206.50 lb
O.D. 3.13 in

Company	URSA OPERATING COMPANY
Well	Monument Ridge B 24A-08-07-95
Field	Parachute
County	Garfield
State	CO

HALLIBURTON

RESERVOIR MONITOR LOG
GR-CCL