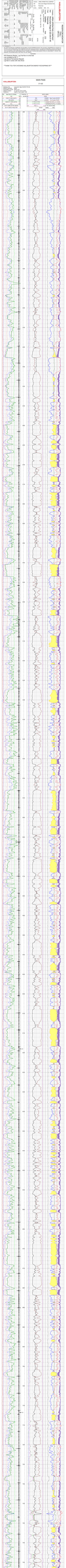


Data is presented in Canadian Oil and Gas Industry format. Depth is recorded in metres.

Log Interval 1 (Primary Depth Log) 1000 m to 1700 m

Log Interval 2 (Secondary Depth Log) 1000 m to 1700 m

Log Run no. one(1) dtd. 1st June

Log Run no. one(1) dtd. 1st June

Image Too Large, Click Here To View Full Size

MAIN PASS

(Full Log)

DISCLAIMER

Interpretation Disclaimer:
Interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretation. We shall not, except in the case of gross or wilful negligence on our part, be liable or responsible for any loss, cost, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our General Terms and Conditions as set out in our current Price Schedule.

Log Quality Disclaimer:
Log quality may not always be optimum because we cannot control the borehole conditions or the nature of the formations we are logging. We will not be liable or responsible for failure to obtain the type, quality or quantity of data desired on any well logged, whether due to negligence on our part or otherwise.

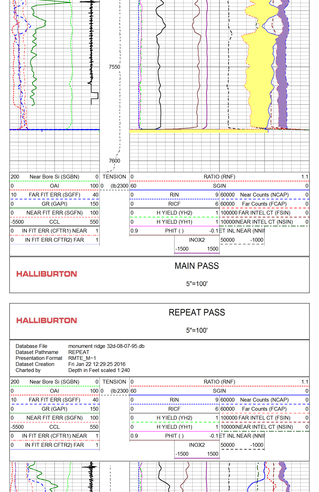
Log Interval 1 (Primary Depth Log) 1000 m to 1700 m

Log Interval 2 (Secondary Depth Log) 1000 m to 1700 m

Log Run no. one(1) dtd. 1st June

Log Run no. one(1) dtd. 1st June

Image Too Large, Click Here To View Full Size



HALLIBURTON

MAIN PASS

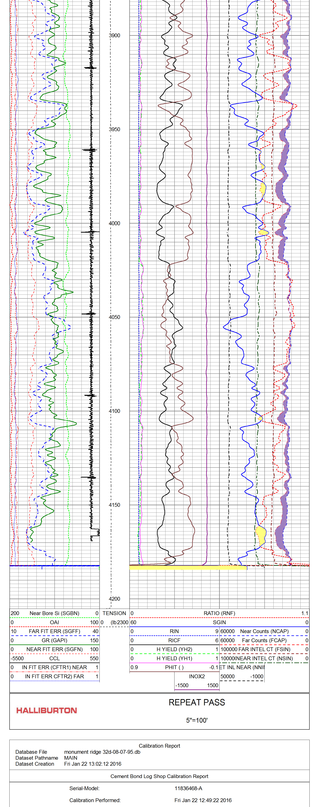
5"=100'

HALLIBURTON

REPEAT PASS

5"=100'

Database File monument ridge 326-08-07-95.db
Dataset Pathname REPEAT
Presentation Format RMTE_M-1
Dataset Creation Fri Jan 22 17:29:25 2016
Charted by Depth in Feet scaled 1:240



HALLIBURTON

REPEAT PASS

5"=100'

Calibration Report

Database File monument ridge 326-08-07-95.db
Dataset Pathname MAIN
Dataset Creation Fri Jan 22 13:02:12 2016

Cement Bond Log Shop Calibration Report

Serial-Model: 118364648-A

Calibration Performed: Fri Jan 22 12:49:22 2016

Free Pipe Calibration

	Measured	Units
TT	244.1	usec
Amplitude	602.5	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.	811.2	mV
Amp. Gain	6.136	

Reservoir Monitor Tool I Calibration Report

Serial-Model: 12270603-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	+0.00
Fe	207	206 +/-2	0.0948	-----	-----
NGAIN = 0.996	NZOFF = 0.3				

Far Detector

	Channel	Expected Value	Amplitude	FWHM	Tol.
H	60	60 +/-2	0.0241	6.02	+0.50
Fe	209	208 +/-2	0.0915	-----	-----
FGAIN = 0.991	FZOFF = 0.6				

Flask Temperature

55.3 degF

Result

Result	Logged	Expected Value	Diff.	Tol.	Units
COIR2	0.45	0.45	-0.00	+/-0.02	
LIRG	1.37	1.36	0.01	+/-0.05	
TCGR2	5006	5000	706	+/-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
NF Normalizer	1.01	0.95	0.06		
NF Inel Norm	0.65	0.61	0.04		
RNF	0.99	1.07	-0.08	+/-0.12	
RINF	34.11	34.00	0.11	+/-0.50	
SGFN	24.1	24.00	-0.10	+/-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	
NSIG	228			<500	cps
FSIG	208			<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 KEYS IN CABLE HEAD	1.50	1.44	1.00
CCL	35.82					
GR	33.56		TTTCU-002 (11159411) 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	22.91					
RmtTNGT	22.41		RMTI-A (12270603) Halliburton RMTI Tool	14.00	2.13	77.00
RmtFPSV	14.66		X-OVER-GoGondes Go Box x Sondes Pin CrossOver	0.27	1.69	1.00
RmtCoreWFlex	14.66		CENT-CASTM-CENT CAST M INLINE CENTRALIZER	2.16	3.13	25.00
Temp	9.57					
TT3FT	7.32		HCBLM-A (11836468) Halliburton HCBLM Tool	9.38	2.75	116.00
AMP5FT	7.32					
WVF5FT	6.36		CENT-CASTM-CENT CAST M INLINE CENTRALIZER	2.16	3.13	25.00
	2.84		ALH-001 (11072111) Adapter Ultrawire/Halliburton	0.38	1.69	3.00
			BUL-001 (600001) Bullnose	0.30	1.69	1.50
LLMTEN	0.00					

Dataset: monument ridge 326-08-07-95.db: field/well/run1/MAIN
Total length: 39.58 ft
Total weight: 286.50 lb
O.D.: 3.13 in

Company	URSA OPERATING COMPANY
Well	Monument Ridge B 32D-08-07-95
Field	Parachute
County	Garfield
State	CO

HALLIBURTON

RESERVOIR MONITOR
TOOL I
GR-CCL