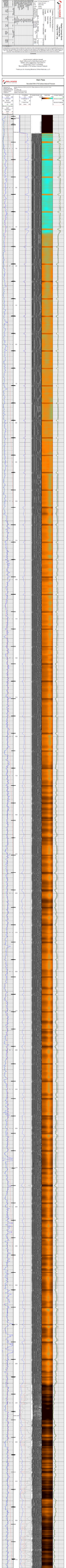
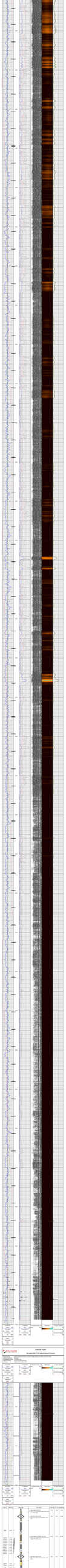

Mean Sea Level
Kelly Bushing
Ground Level
Drill Floor
Water Depth
Total Depth
Permanent Datum
Log Measured From
Drilling Measured From
Date
Run Number
Depth Driller
Schlumberger Depth
Bottom Log Interval
Top Log Interval
Casing Driller Size @ Depth
Casing Schlumberger
Bit Size
Type Fluid in Hole
Density / Viscosity
pH / Fluid Loss
Source of Sample
Rm @ Measured Temperature
Rmf @ Measured Temperature
Rmc @ Measured Temperature
Source of Rmf / Rmc
Rm @ BHT
Time Since Circulation
Time Logger on Bottom
Max Recorded Temperature
Equipment Number
Location
Recorded By
Witnessed By
Run 1
Run 2
Run 3
Run 4
Run 5
Run 6
Run 7
Run 8
Run 9
Run 10
Run 11
Run 12
Run 13
Run 14
Run 15
Run 16
Run 17
Run 18
Run 19
Run 20
Run



GR	5.16		Probe GR-CCL-2750 GOB (FW1211-081) Probe 2-3/4" rev.2 Digital Scintillation Gamma Ray/CCL Combined	4.51	2.75	55.00
			DSS RAC-2750 5A GO DSS 2-3/4" Roller 5 Arm Centralizer w/ GO Ends	2.55	2.75	32.00
			GO BN-14375 GO 1 7/16" Bull Nose with Go Box Top	0.25	1.44	1.00

Dataset: tep_federal gm 322-8_rbl_02-03-19.db: field/well/run1/Main.1
Total length: 22.82 ft
Total weight: 260.60 lb
O.D.: 2.75 in

Calibration Report

Database File: c:\programdata\warrior\data\tep\tep_federal gm 322-8_rbl_02-03-19\tep_federal gm 322-8_rbl_02-03-19.db
Dataset Pathname: Main.1
Dataset Creation: Tue Feb 05 09:36:23 2019

Gamma Ray Calibration Report

Serial Number:	FW1211-081	
Tool Model:	2750 GOB	
Performed:	Sun Nov 12 12:22:44 2017	
Calibrator Value:	637.0	GAPI
Background Reading:	112.4	cps
Calibrator Reading:	1008.7	cps
Sensitivity:	0.7107	GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number:	101013	
Tool Model:	2750 RBT	
Calibration Casing Diameter:	4.500	in
Calibration Depth:	15.966	ft

Master Calibration, performed (Derived):

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	-0.002	0.964	0.800	81.196	83.262	0.953
CAL	0.000	0.753				
5'	-0.001	0.678	0.800	81.196	118.420	0.915
SUM						
S1	-0.007	0.979	0.000	100.000	101.445	0.733
S2	-0.004	0.958	0.000	100.000	103.992	0.376
S3	-0.004	0.966	0.000	100.000	103.169	0.365
S4	-0.005	1.004	0.000	100.000	99.138	0.496
S5	-0.005	1.033	0.000	100.000	96.307	0.489
S6	-0.005	1.023	0.000	100.000	97.252	0.485
S7	-0.004	0.989	0.000	100.000	100.715	0.361
S8	-0.002	0.969	0.000	100.000	102.938	0.226

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.000	0.753	1.000	0.000

Air Zero Calibration, performed Sun Feb 03 18:13:31 2019:

	Raw (v)	Calibrated (v)	Results
	Zero	Zero	Offset
3'	0.000	0.000	0.000
5'	0.000	0.000	0.000
SUM			
S1	0.000	0.000	0.000
S2	0.000	0.000	0.000
S3	0.000	0.000	0.000
S4	0.000	0.000	0.000
S5	0.000	0.000	0.000
S6	0.000	0.000	0.000
S7	0.000	0.000	0.000
S8	0.000	0.000	0.000

Temperature Calibration Report

Serial Number:	101013	
Tool Model:	2750 RBT	
Performed:	Sun Nov 12 13:21:13 2017	
	Reference	Reading
Low Reference:	100.00 degF	112.30 degF
High Reference:	350.00 degF	394.75 degF
Gain:	0.89	
Offset:	0.60	
Delta Spacing	1	

RELIANCE OILFIELD SERVICES

Company	TEP Rocky Mountain LLC
Well	Federal GM 322-8
Field	Grand Valley
County	Garfield
State	Colorado