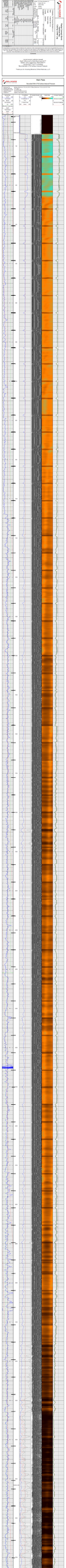
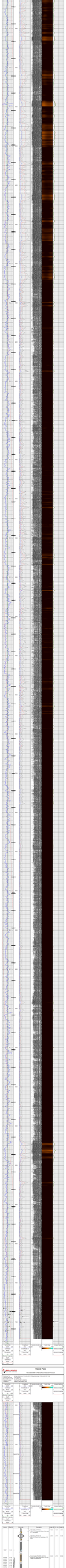
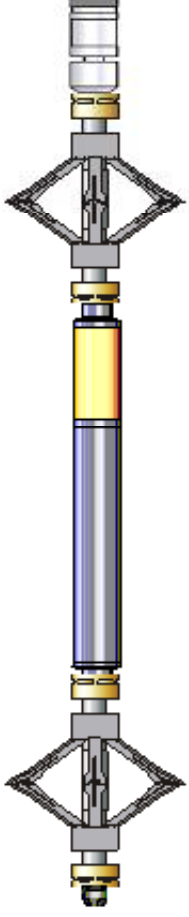

Triple Combo Main Pass
Gamma Ray (GAPI)
Caliper (in)
Bit Size (in)
Deep Resistivity (ohmm)
Medium Resistivity (ohmm)
Shallow Resistivity (ohmm)
Density Porosity (v/v)
Neutron Porosity (v/v)
Density (g/cm3)
Photoelectric Factor (b/e)
Delta Rho (g/cm3)
Neutron Porosity (v/v)
Density Porosity (v/v)



Physical Chaos
The Double DOES IT ITSELF Without External Processes

WVFS1	14.10				
WVFCAL	14.10				
WVF3FT	14.10				
WVF5FT	13.10				
		DSS RAC-2750 5A GO DSS 2-3/4" Roller 5 Arm Centralizer w/ GO Ends	2.55	2.75	32.00
CCL$2	6.42				
CCL$1	6.42				
GR	5.18	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 13-8_rbl_02-03-19.db: field/well/run1/The_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 13-8_rbl_02-03-19\tep_federal gm 13-8_rbl_02-03-19.db
Dataset Pathname	The_Main.1
Dataset Creation	Tue Feb 05 08:59:22 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:	26.643	ft

Master Calibration, performed (Derived):

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	-0.001	1.052	0.800	81.196	76.362	0.901
CAL	0.000	0.748				
5'	-0.002	0.927	0.800	81.196	86.584	0.947
SUM						
S1	-0.007	0.966	0.000	100.000	102.751	0.730
S2	-0.004	1.012	0.000	100.000	98.418	0.413
S3	-0.005	1.102	0.000	100.000	90.401	0.419
S4	-0.004	1.203	0.000	100.000	82.826	0.361
S5	-0.004	1.228	0.000	100.000	81.155	0.322
S6	-0.006	1.162	0.000	100.000	85.630	0.480
S7	-0.003	1.049	0.000	100.000	95.012	0.312
S8	-0.001	0.984	0.000	100.000	101.460	0.134

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.000	0.748	1.000	0.000

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

	Raw (v)	Calibrated (v)	Results
	Zero	Zero	Offset
3'	-0.007	0.000	-0.000
5'	-0.001	0.000	0.000
SUM			
S1	-0.006	0.000	-0.000
S2	-0.005	0.000	0.000
S3	-0.004	0.000	0.000
S4	-0.004	0.000	0.000
S5	-0.004	0.000	-0.000
S6	-0.004	0.000	-0.000
S7	-0.004	0.000	-0.000
S8	-0.005	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 WIRELINE SERVICES

Company	TEP Rocky Mountain LLC
Well	Federal GM 13-8
Field	Grand Valley
County	Garfield
State	Colorado