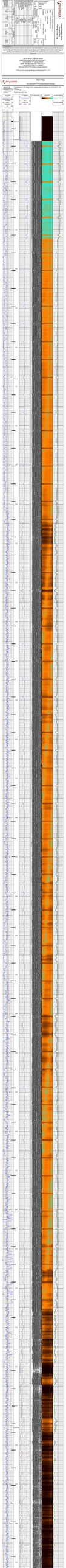
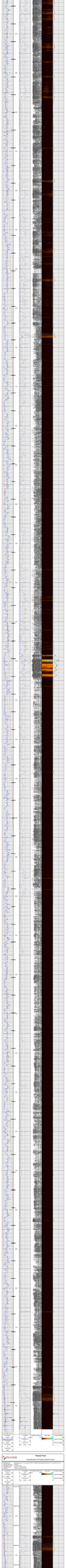
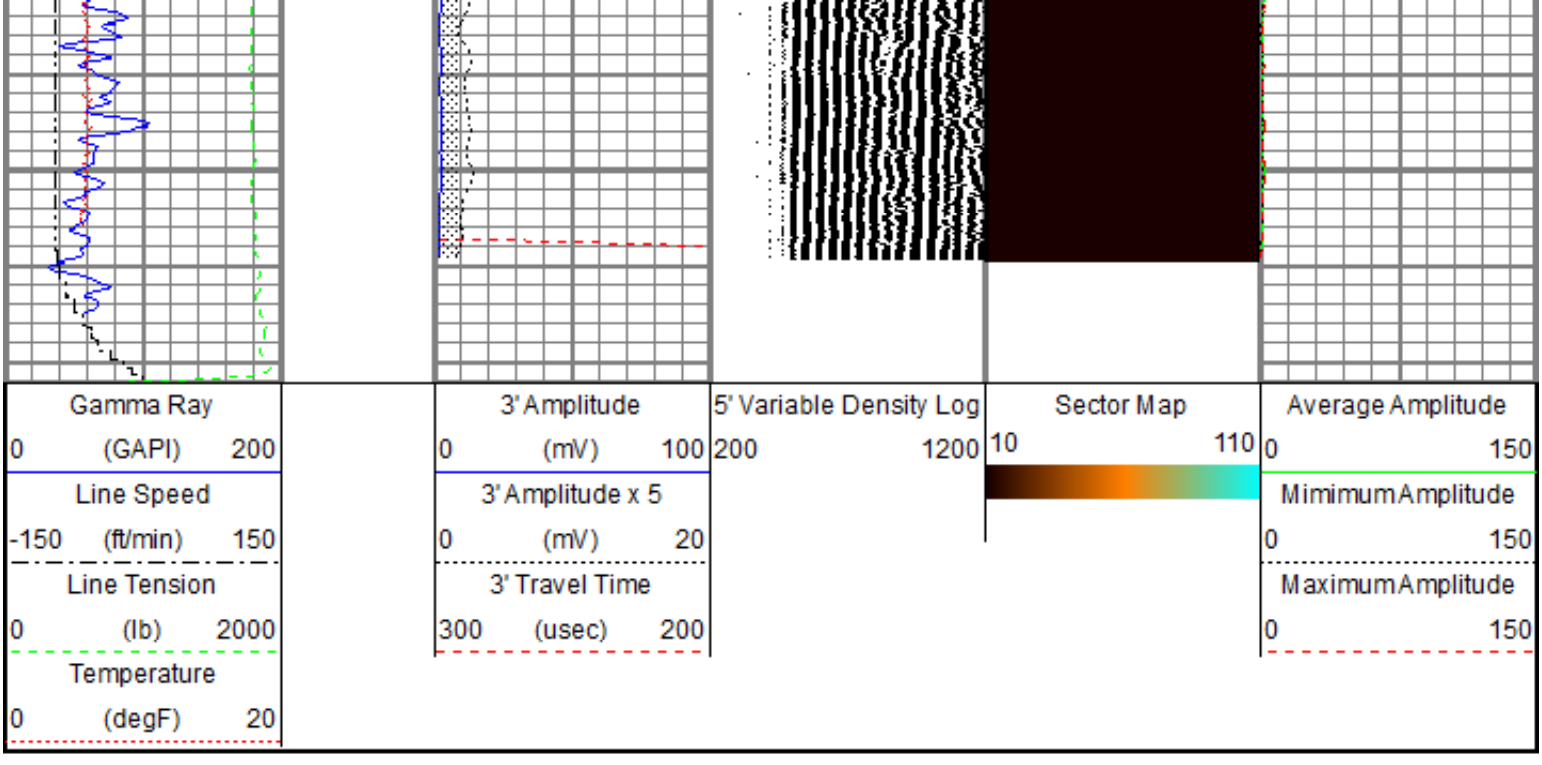

Mud Logging Unit
Mud Logging Unit
Mud Logging Unit





Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			Titan_Electric_Cable_Heads-Titan_1-11 Electric Cable Head with 1" Fishing Neck	1.03	1.69	5.40
			DSS_RAC-RAC_5-Arm 5 Arm 2-3/4" Roller Centralizer	2.55	2.75	32.00
Temp	16.05					
			Probe_RADII-C-P_RBT_2750 (FW1305-09 Probe 2-3/4" Sector Cement Bond Tool with Temperature Probe	9.19	2.75	105.00
WVFS8	13.88					
WVFS7	13.88					
WVFS6	13.88					
WVFS5	13.88					
WVFS4	13.88					
WVFS3	13.88					
WVFS2	13.88					
WVFS1	13.88					
WVFCAL	13.88					
WVF3FT	13.88					
WVF5FT	12.88					
HeadVolt	9.63					
			DSS_RAC-RAC_5-Arm 5 Arm 2-3/4" Roller Centralizer	2.55	2.75	32.00
DCCL	6.18					
CCL	6.18					
GR	4.96					
			Probe_GR_CCL-P_CGR_2750_S (FW1214.541) Probe 2-3/4" Digital CCL / Gamma Ray Combined		2.75	55.00
			DSS_RAC-RAC_5-Arm 5 Arm 2-3/4" Roller Centralizer	2.55	2.75	32.00

Dataset: processed_tep_federal gm 311-10_rbl_08-10-17.db: field/well/run1/Main.1
Total length: 22.40 ft
Total weight: 261.40 lb
O.D.: 2.75 in

Calibration Report

Database File c:\programdata\warrior\data\tep_federal gm_311-10_august 10-2017_rcbl2\processed_tep_federal gm 311-
Dataset Pathname Main.1
Dataset Creation Fri Aug 11 10:17:50 2017

Gamma Ray Calibration Report

Serial Number:	FW1211-081	
Tool Model:	P_CGR_2750_S	
Performed:	Sat Feb 06 11:31:52 2016	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.6	cps
Sensitivity:	0.6061	GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number:	FW1305-098	
Tool Model:	P_RBT_2750	
Calibration Casing Diameter:	4.500	in
Calibration Depth:	-1.634	ft

Master Calibration, performed (Derived):

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	-0.007	0.671	0.800	81.196	118.694	1.598
CAL	0.746	0.749				
5'	-0.001	0.543	0.800	81.196	147.656	1.021
SUM						
S1	-0.008	0.674	0.000	100.000	146.665	1.125
S2	-0.006	0.690	0.000	100.000	143.750	0.831
S3	-0.006	0.714	0.000	100.000	138.814	0.840
S4	-0.006	0.710	0.000	100.000	139.785	0.797
S5	-0.006	0.685	0.000	100.000	144.689	0.880
S6	-0.006	0.668	0.000	100.000	148.275	0.879
S7	-0.006	0.645	0.000	100.000	153.566	0.895
S8	-0.006	0.643	0.000	100.000	154.286	0.853

Internal Reference Calibration, performed Fri May 05 10:29:14 2017:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.746	0.749	1.000	0.000

Air Zero Calibration, performed Thu Aug 10 16:00:34 2017:

	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

RELIANCE
J LF ELD SERV CES

Company	TEP Rocky Mountain LLC
Well	Federal GM 311-10
Field	Grand Valley
County	Garfield
State	Colorado