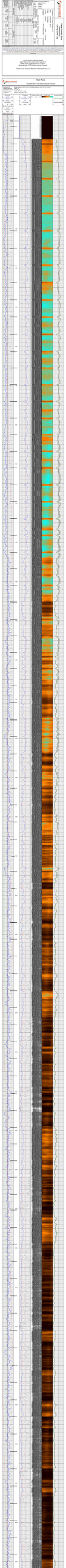
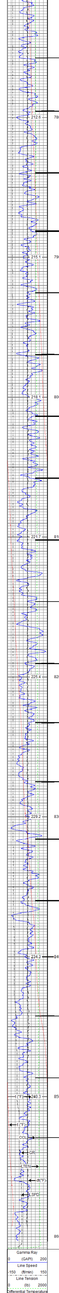

Main Pass
Recorded Mud Log
Gamma Ray
Resistivity
Porosity
Lithology
Gas Units
Drilling Parameters
Sample Description
Geological Interpretation
Operator
Well Name
Location
Field
Date
Scale
Depth



RELIANCE
E & P SERVICES, INC.

Repeat Pass

Recorded With 0 PSI Surface Induced Pressure

Database File	tepfed_federal pa 34-23_rbl_10-14-20bsc_federal pa 34-23_rbl_10-14-20.db
Dataset Pathname	repeat 1 2
Presentation Format	rbl_hcilt_50
Dataset Creation	Thu Oct 15 12:58:41 2020
Charles Ln	Depth Control Added

Database File	tepfed_federal pa 34-23_rbl_10-14-20bsc_federal pa 34-23_rbl_10-14-20.db
Dataset Pathname	repeat 1 2
Presentation Format	rbl_hcilt_50
Dataset Creation	Thu Oct 15 12:58:41 2020
Charles Ln	Depth Control Added

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			11ga CAS 14PTD SC Slip On Wireline Armored Electric Cable Head with 1" Fishing Neck	1.03	1.44	3.00
			BTA-ACS ACS 2.313" Roller 6 Arm Centralizer with Reversible Ends	2.92	2.72	25.00
TEMP	14.10					
WVF58 WVF57 WVF56 WVF55 WVF54 WVF53 WVF52 WVF51 WVF50 WVFSFT WVFSHT	11.93 11.93 11.93 11.93 11.93 11.93 11.93 11.93 11.93 10.83		Prime Red-CFIM RBT (WVFN-RBT-0002) Prime 2.5 in" Radial Cement Bond Tool with Integral Temperature Sub	9.39	2.75	105.00
CCL52 CCL51	3.88 3.88		BTA-ACS ACS 2.313" Roller 6 Arm Centralizer with Reversible Ends	2.92	2.72	25.00
GR	0.83		Prime GR-CCL-CTM-SOR-STD116 Prime Gamma Ray CCL Collar Locator with Sonde Memory Real-CCL Connector with SOR Modem	4.51	2.75	55.00
			SC-WV-14-N Wireline Cable Head with Sc Box Top	0.25	1.44	1.00

Dataset
Total length 2132 ft
Total weight 414.00 lb
O.D. 2.75 in

tool_federal pa 34-23_rbl_10-14-20.db: fieldwellman hmand 1.2

Database File	c:\projects\reliance\wireline\database\tepfed_federal pa 34-23_rbl_10-14-20\tepfed_federal pa 34-23_rbl_10-14-20.db
Dataset Pathname	repeat 1 1
Dataset Creation	Thu Oct 15 12:20:04 2020

Gamma Ray Calibration Report

Serial Number	070319
Tool Model	2700-GSB
Performed	(Not Performed)
Calibration Value	1.0 GAPI
Background Reading	0.0 cps
Calibrator Reading	1.0 cps
Sensitivity	1.0000 GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number	WZFS-RBT-0002
Tool Model	2700-RBT
Calibration Casing Diameter	4.500 in
Calibration Depth	29.850 ft

Master Calibration, performed (Service)

	Raw (c)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
7	0.004	0.073	0.000	81.106	120.053	0.262
6	0.000	0.068				
7	0.000	0.033	0.000	81.106	152.483	-0.098
SUM						
51	0.004	0.051	0.000	100.000	145.465	-0.533
52	0.007	0.054	0.000	100.000	152.238	-1.020
53	0.007	0.047	0.000	100.000	159.094	-1.030
54	0.007	0.047	0.000	100.000	159.094	-1.030
55	0.009	0.038	0.000	100.000	158.324	-0.877
56	0.009	0.059	0.000	100.000	153.973	-0.950
57	0.009	0.106	0.000	100.000	142.264	-0.744
58	0.009	0.106	0.000	100.000	142.264	-0.744

Air Zero Calibration, performed Wed Oct 14 07:42:19 2020

	Raw (c)		Calibrated (c)		Results
	Zero		Zero		Offset
7	0.000		0.000		152.483
6	0.000		0.000		0.000
SUM					
51	0.000		0.000		0.000
52	0.000		0.000		0.000
53	0.000		0.000		0.000
54	0.000		0.000		0.000
55	0.000		0.000		0.000
56	0.000		0.000		0.000
57	0.000		0.000		0.000
58	0.000		0.000		0.000

Temperature Calibration Report

Serial Number	WZFS-RBT-0002
Tool Model	2700-RBT
Performed	Wed Oct 14 10:20:46 2020
	Reference Reading
Low Reference	100.00 degF 109.31 degF
High Reference	200.00 degF 207.00 degF
Gain	0.85
Offset	9.43
Delta Spacing	1

Company	TEP Rocky Mountain LLC
Well	Federal PA 34-23
Field	Parachute
County	Garfield
State	Colorado