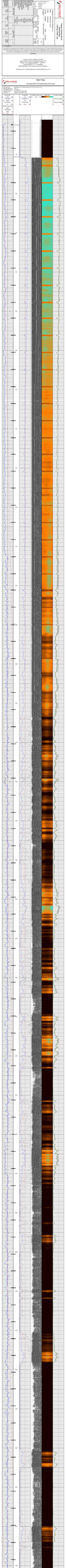
Main Pass
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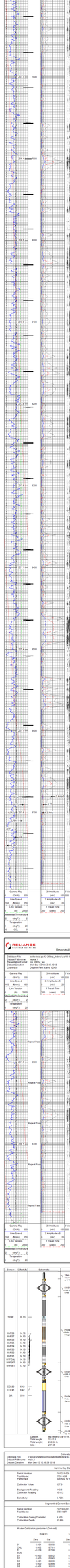

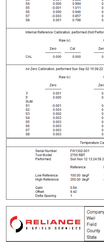

RELIANCE WIRELINE SERVICES

Repeat Pass

Recorded With 0 PSI Surface Induced Pressure

Database File	log\Bertand pro 12-20Hsa_federal.sa 12-20_09-02-16.db
Dataset Pathname	Pass1
Presentation Format	mu_detail_log
Dataset Creation	Mon Sep 02 12:16:25 2019
Charted by	Depth in Feet scaled 1:240

Database File	c:\program\database\wireline\database.sa 12-20Hsa_federal.sa 12-20_09-02-16.db
Dataset Pathname	Pass1
Dataset Creation	Mon Sep 02 12:42:49 2019

Summary Log Calibration Report

Serial Number	FW1021-026
Tool Model	2700-MAT
Calibration Performed	Sun Nov 12 12:17:14 2017
Calibrator Value	637.0 GAPI
Background Reading	173.5 cps
Background Reading	173.5 GAPI
Sensitivity	0.4766 GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number	FW1302-001
Tool Model	2700-MBT

Master Calibration, performed (Service):

	Raw (c)		Calibrated (-hs)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
T	0.001	0.656	0.000	81.188	83.739	0.744
CHL	0.002	0.791				
TEN	0.000	0.000	0.000	81.188	108.233	4.940
SUM						
S1	-0.003	0.812	0.000	100.000	122.721	0.380
S2	-0.003	0.812	0.000	100.000	122.721	0.380
S3	0.002	0.806	0.000	100.000	111.542	-0.057
S4	-0.001	0.811	0.000	100.000	111.542	-0.057
S5	-0.001	1.011	0.000	100.000	98.932	0.056
S6	-0.001	0.811	0.000	100.000	98.932	0.056
S7	-0.001	0.807	0.000	100.000	115.737	1.353
S8	0.001	0.798	0.000	100.000	125.452	-0.067

Internal Reference Calibration, performed (not Performed):

	Raw (c)		Calibrated (c)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CHL	0.000	0.000	0.000	8.781	1.000	0.000

Air Zero Calibration, performed Sun Sep 02 10:56:22 2018:

	Raw (c)	Calibrated (c)	Results
	Zero	Zero	Offset
T	0.001	0.000	0.000
CHL	0.002	0.000	0.000
SUM			
S1	-0.001	0.000	-0.000
S2	-0.001	0.000	-0.000
S3	0.002	0.000	0.000
S4	0.003	0.000	0.000
S5	0.003	0.000	0.000
S6	0.003	0.000	0.000
S7	0.003	0.000	0.000
S8	0.003	0.000	0.000

Temperature Calibration Report

Serial Number	FW1302-001
Tool Model	2700-MBT
Performed	Sun Nov 12 12:34:04 2017

	Reference	Reading
Low Reference	100.00 degF	101.47 degF
High Reference	200.00 degF	404.05 degF

Gain	0.64
Offset	-1.42
Data Source	s

RELIANCE WIRELINE SERVICES

Company	TEP Rocky Mountain LLC
Well	Federal PA 12-26
Field	Parachute
County	Garfield
State	Colorado