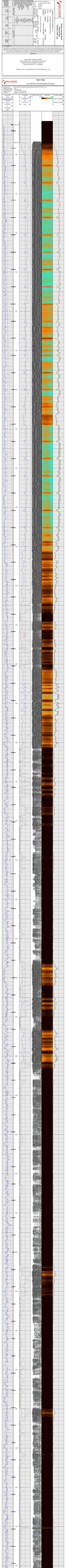
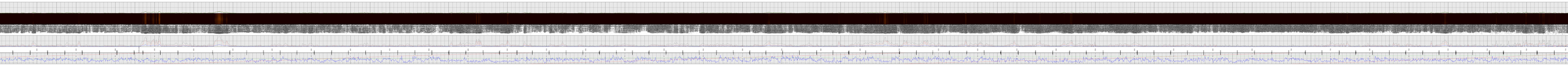
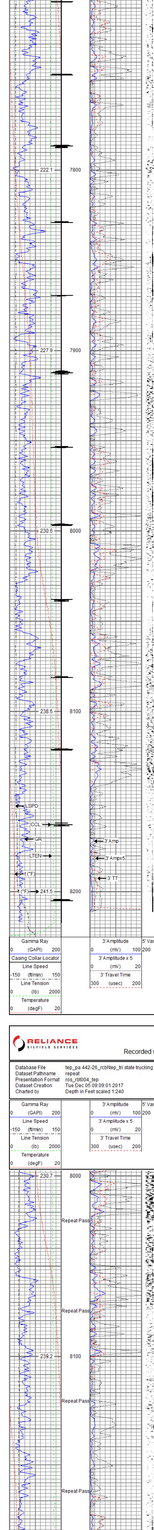


Logs are recorded in metres
Depth measurements are taken from the rotary table
Rotary table is 4.5 m above ground level
Logging services provided by
Mud Logging Unit Ltd.

Thank you for choosing Mud Logging Unit Ltd. to serve you.



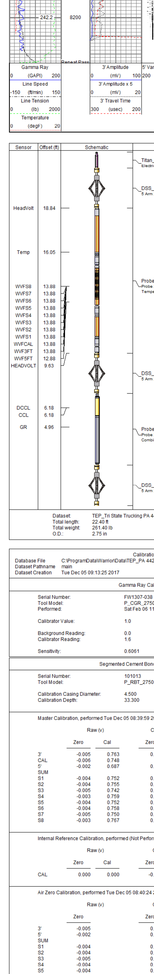


RELIANCE WIRELINE SERVICES

Repeat Pass

Recorded with 0 PSI Surface Induced Pressure

Database File	tep_pa 442-26_rcbl/tep_tri state trucking pa 442-26_rbl_12-05-17.db
Dataset Pathname	repeat
Presentation Format	rbl_rb000d_tep
Dataset Creation	Tue Dec 05 09:01:2017
Charted by	Depth in Feet scaled 1:240



Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			Titan_Electric_Cable_Heads-Titan_1-1 Electric Cable Head with 1" Fishing Neck	1.03	1.69	5.40
Head/cbl	18.84		DSS_RAC-RAC_5-Arm 5 Arm 2-3/4" Roller Centralizer	2.55	2.75	32.00
Temp	16.05					
WVF38	13.88		Probe_RADS-C-P_RBT_2750 (101013) 1 Probe 2-3/4" Radial Cement Bond Tool with Temperature Probe	9.19	2.75	105.00
WVF87	13.88					
WVF86	13.88					
WVF85	13.88					
WVF84	13.88					
WVF83	13.88					
WVF82	13.88					
WVF81	13.88					
WVFCAL	13.88					
WVF3RT	13.88					
WVF6RT	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 (FW1304.548) 1 Probe 2-3/4" Digital CCL / Gamma Ray Combined	2.75	2.75	55.00
			DSS_RAC-RAC_5-Arm 5 Arm 2-3/4" Roller Centralizer	2.55	2.75	32.00

Dataset:	TEP_Tri State Trucking PA 442-26_RBL_12-05-17.db: fieldwirelinn trimain
Total length:	22.40 ft
Total weight:	261.40 lb
O.D.:	2.75 in

Calibration Report

Database File	C:\Program Data\Harmon\Data\TEP_PA 442-26_RCBL\TEP_Tri State Trucking PA 442-26_RBL_12-05-17.db
Dataset Pathname	main
Dataset Creation	Tue Dec 05 09:13:25 2017

Gamma Ray Calibration Report

Serial Number:	FW1302-038	
Tool Model:	P_CGR_2750_S	
Performed:	Sat Feb 06 11:43:09 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:	101013	
Tool Model:	P_RBT_2750	
Calibration Casing Diameter:	4.500	in
Calibration Depth:	33.300	ft

Master Calibration, performed Tue Dec 05 08:39:59 2017.

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	-0.005	0.763	0.000	81.195	105.757	0.476
CAL	-0.006	0.748				
5'	-0.002	0.687	0.000	81.195	117.767	0.285
SUM						
S1	-0.004	0.752	0.000	100.000	132.325	0.529
S2	-0.005	0.752	0.000	100.000	132.325	0.529
S3	-0.005	0.742	0.000	100.000	133.843	0.667
S4	-0.003	0.759	0.000	100.000	131.150	0.450
S5	-0.004	0.752	0.000	100.000	132.293	0.491
S6	-0.004	0.758	0.000	100.000	131.200	0.509
S7	-0.005	0.750	0.000	100.000	132.531	0.542
S8	-0.003	0.767	0.000	100.000	129.737	0.447

Internal Reference Calibration, performed (Not Performed).

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	-0.006	0.748	1.000	0.000

Air Zero Calibration, performed Tue Dec 05 08:40:24 2017.

	Raw (v)	Calibrated (v)	Results
	Zero	Zero	Offset
3'	-0.005	0.000	0.000
5'	-0.002	0.000	-0.000
SUM			
S1	-0.004	0.000	0.000
S2	-0.005	0.000	0.000
S3	-0.005	0.000	0.000
S4	-0.004	0.000	0.001
S5	-0.004	0.000	0.000
S6	-0.004	0.000	0.000
S7	-0.005	0.000	0.000
S8	-0.004	0.000	0.000

RELIANCE WIRELINE SERVICES

Company	TEP Rocky Mountain LLC
Well	Tri State Trucking PA 442-26
Field	Parachute
County	Garfield
State	Colorado