Radial Cement Bond
Gamma Ray
Casing Collar Log

THE WIRELINE GROUP

Company	TEP Rocky Mountain LLC
Well	Federal RG 323-13-298
Field	Sulfer Creek
County	Rio Blanco
State	Colorado

Company TEP Rocky Mountain LLC
Well Federal RG 323-13-298
Field Sulfer Creek
County Rio Blanco State Colorado
Location: API # : 05-103-12592
SEC 13 TWP 2S RGE 98W

Other Services

Permanent Datum	Ground Level	Elevation 6618'	Elevation
Log Measured From	Kelly Bushing		K.B. 6648'
Drilling Measured From	Kelly Bushing		G.L. 6618'

Date	18-OCT-2024
Run Number	One
Depth Driller	11987'
Depth Logger	11870'
Bottom Logged Interval	11865'
Top Log Interval	Surface
Open Hole Size	8.75"
Type Fluid	Water
Density / Viscosity	8.34 Lb/Gal
Max. Recorded Temp.	285°F
Estimated Cement Top	See Log
Time Well Ready	ROA
Time Logger on Bottom	12:00
Equipment Number	8102
Location	Grand Junction
Recorded By	E. Vaughn
Witnessed By	C. Applegate

Borehole Record			Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface Casing	9.625"	36	Surface	3198'
Production Casing				
Intermediate #2	4.5"	11.6	Surface	11987'
Liner				

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

Log ran as per customer request
Depth referenced to Kelly Bushing at 30'
Marker joint logged @ 6304' - 6314'

Thank you for choosing The Wireline Group!

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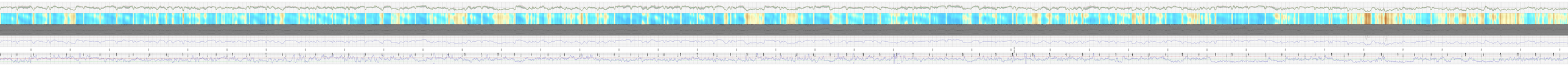
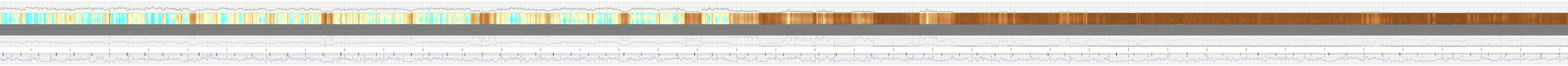
Main Pass 5" = 100'

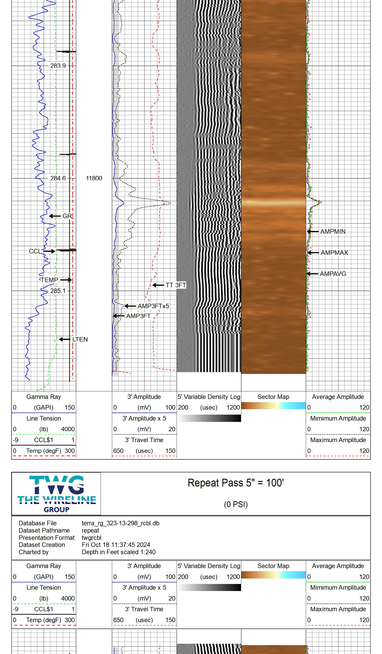
(0 PSI)

Database File	terra_rg_323-13-298_rcbl.db
Dataset Pathname	merge1
Presentation Format	twgrcbl
Dataset Creation	Fri Oct 18 14:07:09 2024 mainpass
Charted by	Depth in Feet scaled 1:240

Track 1	Track 2	Track 3	Track 4	Track 5
Gamma Ray 0 (GAPI) 150	3' Amplitude 0 (mV) 100	5' Variable Density Log 200 (usec) 1200	Sector Map	Average Amplitude 0 120
Line Tension 0 (lb) 4000	3' Amplitude x 5 0 (mV) 20			Mimimum Amplitude 0 120
-9 CCL$1 1	3' Travel Time 650 (usec) 150			Maximum Amplitude 0 120
0 Temp (degF) 300				



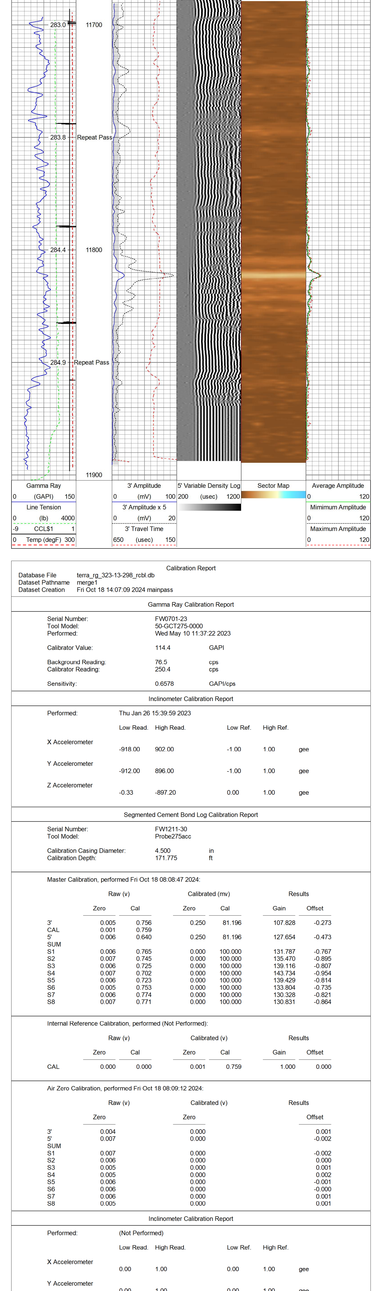




Repeat Pass 5" = 100'

(0 PSI)

Database File: terra_rg_323-13-298_rctd.db
Dataset Pathname: repeat
Presentation Format: twgrctd
Dataset Creation: Fri Oct 18 11:37:45 2024
Charted by: Depth in Feet scaled 1:240



Calibration Report

Database File: terra_rg_323-13-298_rctd.db
Dataset Pathname: merge1
Dataset Creation: Fri Oct 18 14:07:09 2024 mainpass

Gamma Ray Calibration Report

Serial Number: FW0701-23
Tool Model: 50-GCT275-0000
Performed: Wed May 10 11:37:22 2023

Calibrator Value: 114.4 GAPI

Background Reading: 76.5 cps
Calibrator Reading: 250.4 cps

Sensitivity: 0.6578 GAPI/cps

Inclinometer Calibration Report

Performed: Thu Jan 26 15:39:59 2023

	Low Read.	High Read.	Low Ref.	High Ref.	
X Accelerometer	-918.00	902.00	-1.00	1.00	gee
Y Accelerometer	-912.00	896.00	-1.00	1.00	gee
Z Accelerometer	-0.33	-897.20	0.00	1.00	gee

Segmented Cement Bond Log Calibration Report

Serial Number: FW1211-30
Tool Model: Probe275acc

Calibration Casing Diameter: 4.500 in
Calibration Depth: 171.775 ft

Master Calibration, performed Fri Oct 18 08:08:47 2024:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.005	0.756	0.250	81.196	107.828	-0.273
CAL	0.001	0.759				
5'	0.006	0.640	0.250	81.196	127.654	-0.473
SUM						
S1	0.006	0.765	0.000	100.000	131.787	-0.767
S2	0.007	0.745	0.000	100.000	135.470	-0.895
S3	0.006	0.725	0.000	100.000	139.116	-0.807
S4	0.007	0.702	0.000	100.000	143.734	-0.954
S5	0.006	0.723	0.000	100.000	139.429	-0.814
S6	0.005	0.753	0.000	100.000	133.804	-0.725
S7	0.006	0.774	0.000	100.000	130.328	-0.821
S8	0.007	0.771	0.000	100.000	130.831	-0.864

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.001	0.759	1.000	0.000

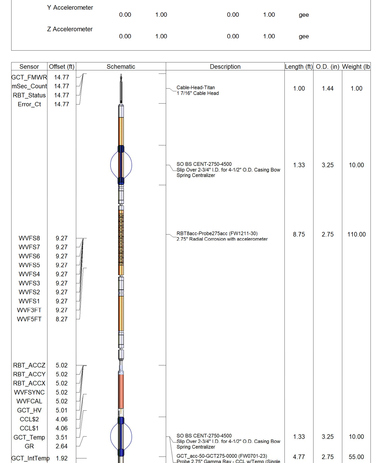
Air Zero Calibration, performed Fri Oct 18 08:09:12 2024:

	Raw (v)	Calibrated (v)	Results
	Zero	Zero	Offset
3'	0.004	0.000	0.001
5'	0.007	0.000	-0.002
SUM			
S1	0.007	0.000	-0.002
S2	0.006	0.000	0.000
S3	0.005	0.000	0.001
S4	0.005	0.000	0.002
S5	0.006	0.000	-0.001
S6	0.006	0.000	-0.000
S7	0.006	0.000	0.001
S8	0.005	0.000	0.001

Inclinometer Calibration Report

Performed: (Not Performed)

	Low Read.	High Read.	Low Ref.	High Ref.	
X Accelerometer	0.00	1.00	0.00	1.00	gee
Y Accelerometer	0.00	1.00	0.00	1.00	gee
Z Accelerometer	0.00	1.00	0.00	1.00	gee



Dataset: terra_rg_323-13-298_rctd.db: field/well/run1/merge1
Total length: 14.77 ft
Total weight: 187.00 lb
O.D.: 3.25 in

Company	TEP Rocky Mountain LLC
Well	Federal RG 323-13-298
Field	Sulfer Creek
County	Rio Blanco
State	Colorado

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