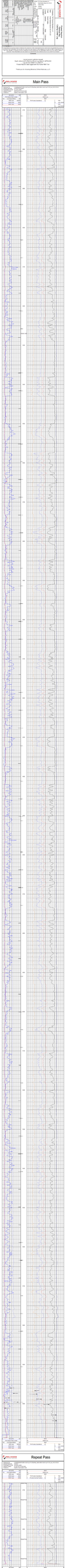
Gamma Ray (GR)
Caliper (CALI)
Bit Size (BS)
Deep Resistivity (RD)
Medium Resistivity (RM)
Shallow Resistivity (RS)
Neutron Porosity (NPHI)
Density Porosity (DPHI)
Density (RHOB)
Photoelectric Factor (PEF)
Delta Rho (DRHO)
Caliper (CALI)
Bit Size (BS)
Gamma Ray (GR

-100	Line Speed (ft/min)	100
0	NIRS (cps)	400000
0	BKGN (cps)	4000
0	BKGF (cps)	2000

60	SIGMA (cu)	0
4.5	RNFI	-1

	PN Porosity (Sandstone)	
1	(Porosity Decimal Fraction)	0

	FIS2
0	(cps) 45000
	NIS2
0	(cps100000

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			Titan CHD-16875 GO Titan 1-11/16" Assembled Electric Cable Head w/ 1" Fishing Neck	1.03	1.69	5.40
			HWS_TCU-002 (001704) HWS Telemetry Control Unit (TCU002)	2.30	1.69	10.87
TCUTEMP	14.69					
TCUVOLT	14.69					
GCL_CCL	13.97					
			HWS_GCL-001 (000265) HWS Gamma Ray Collar Locator (1.6875")	2.69	1.69	13.40
GCL_GR	12.50					
Long	6.25		HWS_RAS-RAS002 (003041) Hunter Well Science Pulsed Neutron Tool	11.75	1.69	55.82
Far	6.25					
Near	6.25					
Anci	6.25					
LOCTIM	0.00					
UTCTIM	0.00		HWS_TBN-001 (001724) HWS Terminator Bull Nose (1.6875")	0.25	1.69	0.99

Dataset: tep_strait bottom ranch sg 413-22_pn_04-23-20.db: field/well/run1/main.2
Total length: 18.02 ft
Total weight: 86.48 lb
O.D.: 1.69 in

Calibration Report

Database File: e:\data\tep\strait bottom ranch sg 413-22\pn\tep_strait bottom ranch sg 413-22_pn_04-23-20.db
Dataset Pathname: main.2
Dataset Creation: Fri Apr 24 07:22:15 2020

RAS Calibration Report

Calibration Date: Fri Mar 27 11:57 2020 Meas #: 003041

Water Tank

Description	Curve	Standard	Mean	Dev
Sigma Near	SIGN	23.1	24.2	0.26
Sigma Far	SIGF	22.8	23.6	0.36
Ratio Near-Long Capture	RNL2	5.79	6.43	0.06
Ratio Near-Long Burst	RNLB	6.49	6.75	0.03
Ratio Near-Far Capture	RNF2	1.85	2.00	0.01
Ratio Near-Far Burst	RNFB	2.03	2.16	0.01
Spectral Hydrogen Index	HIS2	12.84	12.51	0.17
Carbon-Oxygen Ratio	CORS	1.34	1.29	0.04
Ratio Burst-Capture Near	RNBC	1.46	1.79	0.01
Ratio Burst-Capture Far	RFBC	1.50	1.71	0.02

Hydrocarbon Tank

Description	Curve	Standard	Mean	Dev
Sigma Near	SIGN	25.7	26.5	0.30
Sigma Far	SIGF	25.1	25.7	0.38
Ratio Near-Long Capture	RNL2	1.78	2.20	0.01
Ratio Near-Long Burst	RNLB	2.57	3.42	0.02
Ratio Near-Far Capture	RNF2	0.98	1.15	0.01
Ratio Near-Far Burst	RNFB	1.30	1.51	0.01
Spectral Hydrogen Index	HIS2	16.68	16.03	0.21
Carbon-Oxygen Ratio	CORS	1.51	1.50	0.04
Ratio Burst-Capture Near	RNBC	2.23	2.55	0.02
Ratio Burst-Capture Far	RFBC	2.09	2.18	0.01

Gamma Ray Calibration Report

Serial Number:	000265	
Tool Model:	001	
Performed:	(Not Performed)	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	
Calibrator Reading:	1.0	
Sensitivity:	1.0000	GAPI/

RELIANCE WELLFIELD SERVICES

Company	TEP Rocky Mountain LLC
Well	Strait Bottom Ranch SG 413-22
Field	Grand Valley
County	Garfield
State	Colorado