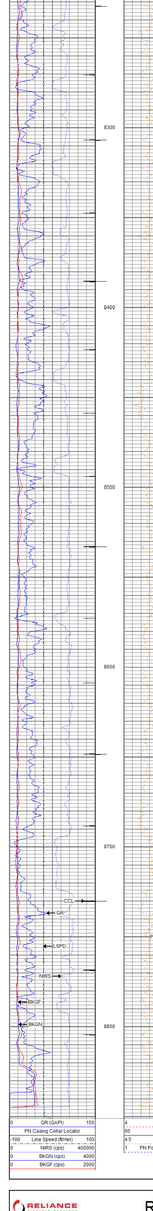
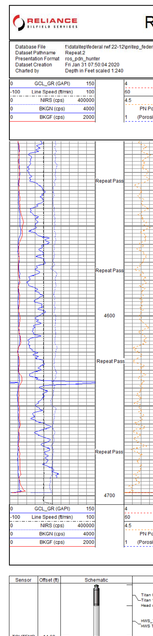
Gamma Ray (API)
Caliper (in)
Resistivity (ohm.m)
Neutron Porosity (dec)
Density (g/cm3)
Photoelectric Factor (b/e)
Delta-T Compressional (us/ft)
Delta-T Shear (us/ft)

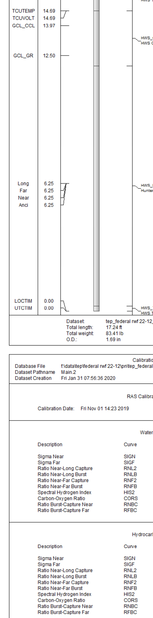


RELIANCE WIRELINE SERVICES

Repeat Pass

Database File	F:\data\tep\federal rwf 22-12\pn\tep_federal rwf 22-12_pn_01-31-20.db
Dataset Pathname	Repeat2
Presentation Format	ms_pdk_hunter
Dataset Creation	Fri Jan 31 07:59:04 2020
Charted by	Depth in Feet scaled 1:240





Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			Titan CHD-15575 GO WWS Titan Cased Hole Directional Electric Cable Head w/ 1.7" Fishing Neck	1.03	1.69	5.40
TCUTEMP TCUVOLT GCL_CCL	14.69 14.59 13.97		WWS_TCU-001-000279: WWS Telemetry Control Unit	1.52	1.69	7.80
GCL_GR	12.50		WWS_GCL-001-000781: WWS Gamma Ray Collar Locator (1.687E)	2.69	1.69	13.40
Long Far Near Amd	6.25 6.25 6.25 6.25		WWS_RAS-RA-0002 (003645): Hunter Well Science Pulsed Neutron Tool	11.75	1.69	55.82
LOCTM UTCTIM	0.00 0.00		WWS_TBN-001 (001724): WWS Tembinator Bull Nose (1.6875")	0.25	1.69	0.99

Dataset:	tep_federal rwf 22-12_pn_01-31-20.db: fieldwellrun1Main.2
Total length:	17.24 ft
Total weight:	83.41 lb
O.D.:	1.69 in

Calibration Report

Database File	F:\data\tep\federal rwf 22-12\pn\tep_federal rwf 22-12_pn_01-31-20.db
Dataset Pathname	Main.2
Dataset Creation	Fri Jan 31 07:56:36 2020

RAS Calibration Report

Calibration Date: Fri Nov 01 14:23:2019 Mess #: 003040

Water Tank

Description	Curve	Standard	Mean	Dev
Sigma Near	SIGN	23.1	24.3	0.31
Sigma Far	SIGF	22.9	23.5	0.38
Ratio Near-Long Capture	RNL2	5.79	6.42	0.07
Ratio Near-Long Burst	RNLB	6.49	6.65	0.04
Ratio Near-Far Capture	RNF2	1.85	1.99	0.02
Ratio Near-Far Burst	RNFB	2.03	2.15	0.01
Spectral Hydrogen Index	HIDX	16.68	17.87	0.36
Carbon-Oxygen Ratio	CORS	1.51	1.62	0.06
Ratio Burst-Capture Near	RNBC	2.23	2.44	0.02
Ratio Burst-Capture Far	RFBC	2.09	2.13	0.02

Hydrocarbon Tank

Description	Curve	Standard	Mean	Dev
Sigma Near	SIGN	25.7	26.7	0.32
Sigma Far	SIGF	25.1	25.6	0.45
Ratio Near-Long Capture	RNL2	1.79	2.56	0.02
Ratio Near-Long Burst	RNLB	1.94	1.99	0.02
Ratio Near-Far Capture	RNF2	0.98	1.30	0.01
Ratio Near-Far Burst	RNFB	1.30	1.65	0.01
Spectral Hydrogen Index	HIDX	16.68	17.87	0.36
Carbon-Oxygen Ratio	CORS	1.51	1.62	0.06
Ratio Burst-Capture Near	RNBC	2.23	2.44	0.02
Ratio Burst-Capture Far	RFBC	2.09	2.13	0.02

Gamma Ray Calibration Report

Serial Number:	001681
Tool Model:	001
Performed:	(Not Performed)
Calibrator Value:	1.0 GAPI
Background Reading:	0.0
Calibrator Reading:	1.0
Sensitivity:	1.0000 GAPI/

RELIANCE WIRELINE SERVICES

Company	TEP Rocky Mountain LLC
Well	Federal RWF 22-12
Field	Rulison
County	Garfield
State	Colorado