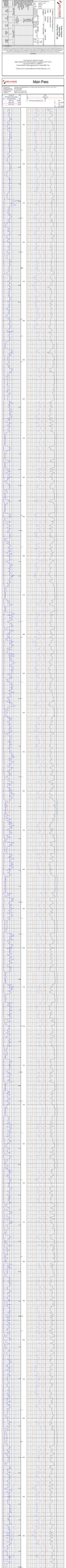
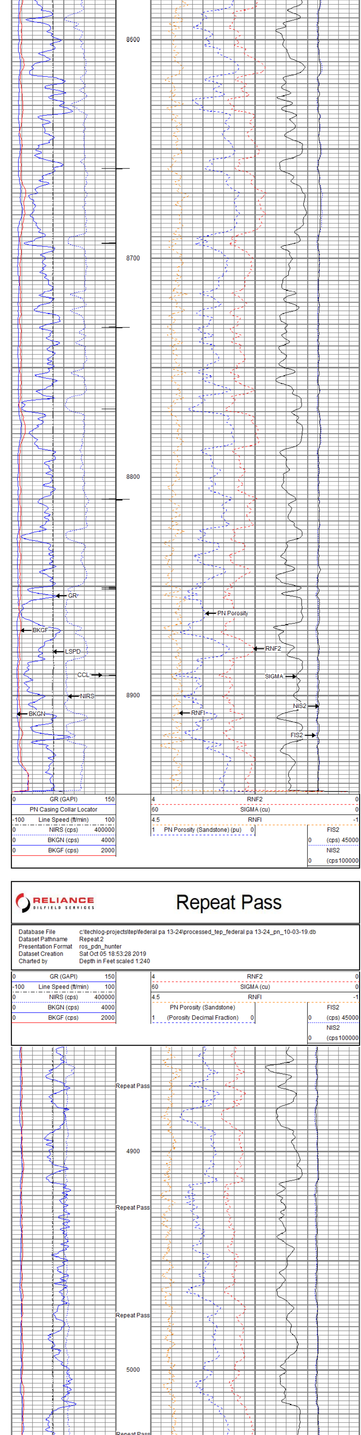

Gamma Ray (GR)
Caliper (CALI)
Bit Size (BS)
Deep Resistivity (RDEP)
Medium Resistivity (RMED)
Shallow Resistivity (RSHA)
Density Correction (DRHO)
Photoelectric Factor (PEF)
Neutron Porosity (NPHI)
Bulk Density (RHOB)



Repeat Pass

Database File c:\techlog-projects\tep\federal pa 13-24\processed_tep_federal pa 13-24_pn_10-03-19.db
Dataset Pathname Repeat.2
Presentation Format rns_pdn_hunter
Dataset Creation Sat Oct 05 19:53:28 2019
Charted by Depth in Feet scaled 1:240

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			Titan CHD-16678 GO "Titan 1-1/16" Assembled Electric Cable Head w/ 1" Fishing Neck	1.03	1.69	5.40
			HWS_TCU-002 (001705) "HWS Telemetry Control Unit (TCU002)	2.30	1.69	10.87
TCUTEMP	14.69					
TCUVOLT	14.69					
GCL_CCL	13.97					
			HWS_GCL-001 (001651) "HWS Gamma Ray Collar Locator (1.6875")	2.69	1.69	13.40
GCL_GR	12.50					
Long	6.25					
Far	6.25		HWS_RAS-RAS002 (003041) "Hunter Well Science Pulsed Neutron Tool	11.75	1.69	55.82
Near	6.25					
Ahd	6.25					
			HWS_TEN-001 (001726) "HWS Tension Bull Nose (1.6875")	0.25	1.69	0.99

Dataset: processed_tep_federal pa 13-24_pn_10-03-19.db: fieldwellrun1:Main.2
Total length: 18.02 ft
Total weight: 86.48 lb
O.D.: 1.69 in

Calibration Report

Database File c:\techlog-projects\tep\federal pa 13-24\processed_tep_federal pa 13-24_pn_10-03-19.db
Dataset Pathname Main.2
Dataset Creation Sat Oct 05 18:47:04 2019

RAS Calibration Report

Calibration Date: Sat Sep 26 16:26 2019 Meas #: 003041

Water Tank

Description	Curve	Standard	Mean	Dev
Sigma Near	SIGN	23.1	24.1	0.26
Sigma Far	SIGF	22.8	23.6	0.28
Ratio Near-Long Capture	RNL2	5.79	6.28	0.04
Ratio Near-Long Burst	RNLB	6.49	6.57	0.04
Ratio Near-Far Capture	RNF2	1.85	2.00	0.01
Ratio Near-Far Burst	RNFB	2.03	2.18	0.01
Spectral Hydrogen Index	HIS2	12.84	13.21	0.19
Carbon-Oxygen Ratio	CORS	1.34	1.30	0.05
Ratio Burst-Capture Near	RNBC	1.46	1.82	0.02
Ratio Burst-Capture Far	RFBC	1.59	1.74	0.02

Hydrocarbon Tank

Description	Curve	Standard	Mean	Dev
Sigma Near	SIGN	25.7	26.6	0.37
Sigma Far	SIGF	25.1	26.1	0.37
Ratio Near-Long Capture	RNL2	1.78	2.84	0.02
Ratio Near-Long Burst	RNLB	2.57	4.17	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	HIS2	16.68	18.12	0.28
Carbon-Oxygen Ratio	CORS	1.51	1.54	0.05
Ratio Burst-Capture Near	RNBC	2.23	2.57	0.02
Ratio Burst-Capture Far	RFBC	2.09	2.25	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 PA 13-24
Field	Parachute
County	Garfield
State	Colorado