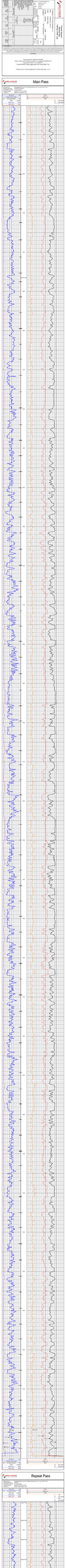
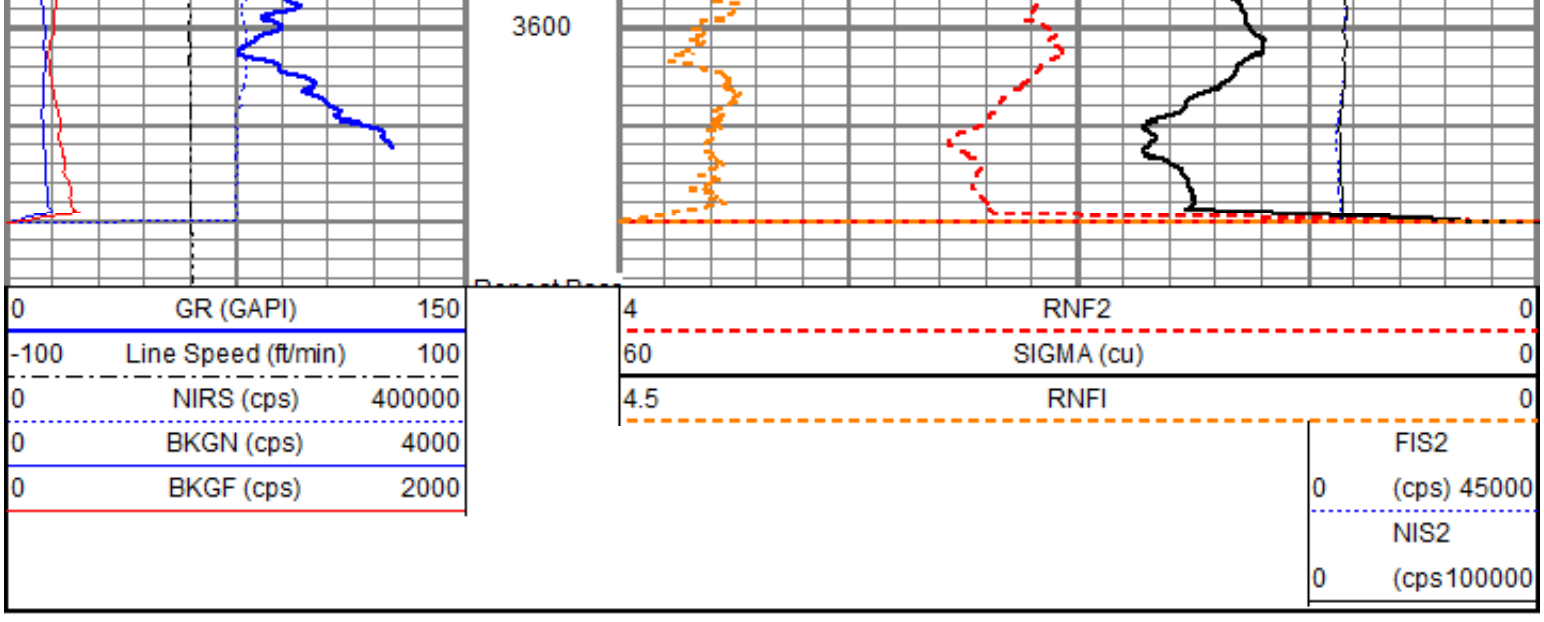

Gamma Ray (GAPI)
Caliper (in)
Bit Size (in)
Neutron Porosity (dec)
Bulk Density (g/cm3)
Photoelectric Factor (b/e)
Delta Rho (g/cm3)
Resistivity (ohmm)
Deep Resistivity (ohmm)
Medium Resistivity (ohmm)
Shallow Resistivity (ohmm)
Micro Resistivity (ohmm)
Delta Time (us/ft)
Shear Delta Time (us/ft)
Stoneley Delta Time (us/ft)
Density Correction (g/cm3)
Caliper (in)
Bit Size (in)
Gamma Ray (GAPI



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 (001475) HWS Gamma Ray Collar Locator (1.6875")	2.69	1.69	13.40
GCL_GR	12.50					
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					
			HWS_TBN-001 (001725) HWS Terminator Bull Nose (1.6875")	0.25	1.69	0.99

Dataset: tep_federal sg 341-21_pn_04-05-19.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: f:\data\tep\federal sg 341-21\pn\tep_federal sg 341-21_pn_04-05-19.db
Dataset Pathname: Main.2
Dataset Creation: Sat Apr 06 05:14:20 2019

Gamma Ray Calibration Report

Serial Number:	001475	
Tool Model:	001	
Performed:	Fri Oct 19 14:55:00 2018	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	
Calibrator Reading:	1.0	
Sensitivity:	1.0000	GAPI/

RELIANCE
OILFIELD SERVICES

Company	TEP Rocky Mountain LLC
Well	Federal SG 341-21
Field	Grand Valley
County	Garfield
State	Colorado