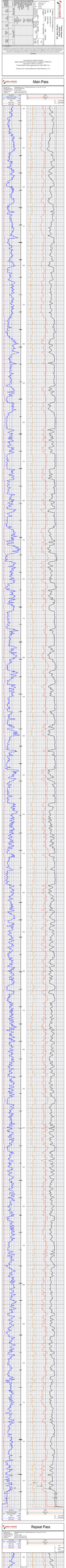
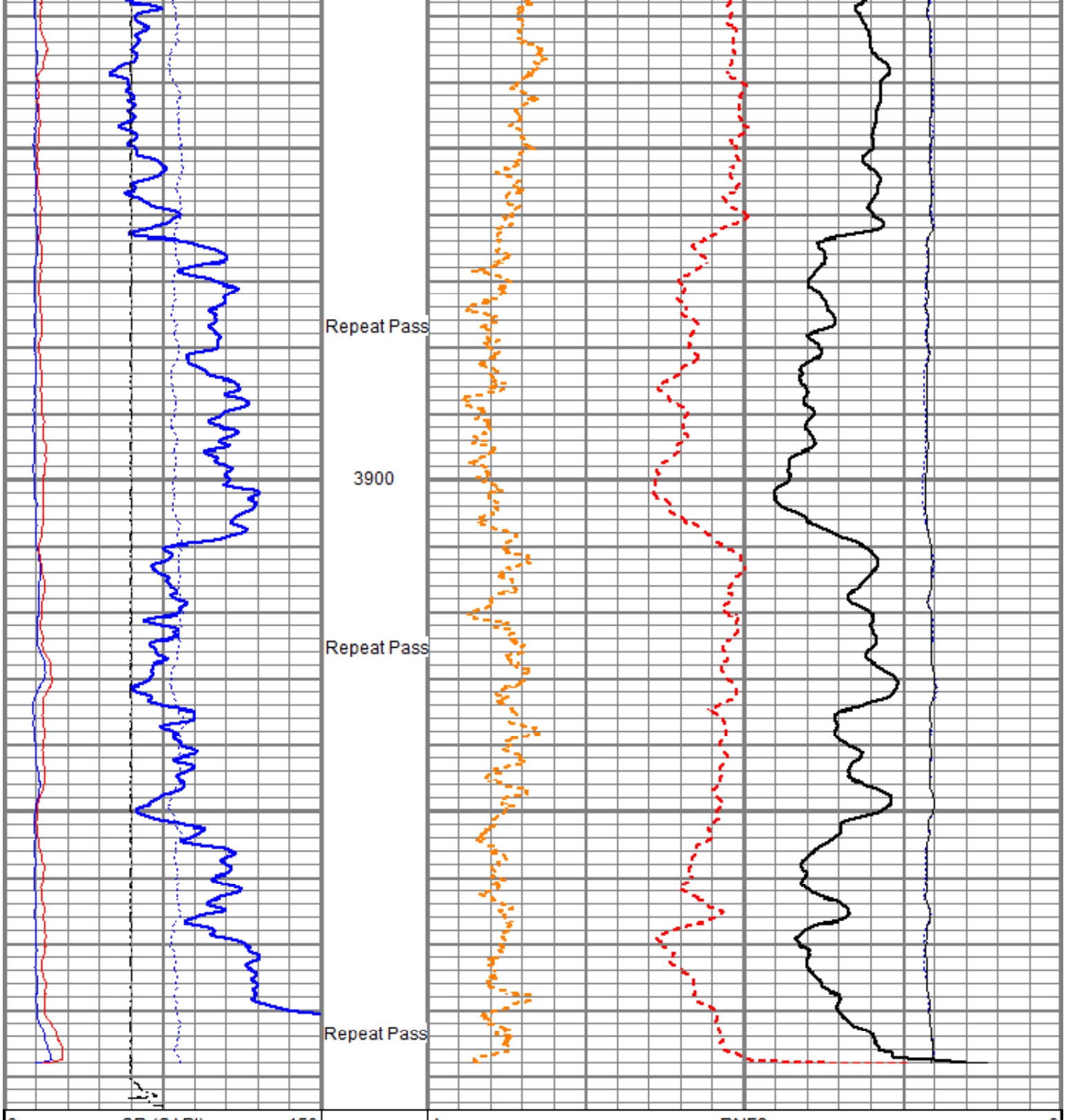

Tension (lbf)
Gamma Ray (API)
Cable Speed (ft/min)
Gamma Ray (API)
Tension (lbf



0	GR (GAPI)	150	
-100	Line Speed (ft/min)	100	
0	NIRS (cps)	400000	
0	BKGN (cps)	4000	
0	BKGF (cps)	2000	

4	RNF2	0	
60	SIGMA (cu)	0	
4.5	RNFI	0	

	FIS2	
0	(cps)	45000
	NIS2	
0	(cps	100000

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 (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 (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 (003040) 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 gm 11-8_pn_02-13-19.db: field/well/run1/main4.2
Total length:	18.02 ft
Total weight:	86.48 lb
O.D.:	1.69 in

Calibration Report

Database File	f:\data\tep\federal gm 11-8\pn\tep_federal gm 11-8_pn_02-13-19.db
Dataset Pathname	main4.2
Dataset Creation	Thu Feb 14 08:53:05 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 GM 11-8
Field	Grand Valley
County	Garfield
State	Colorado