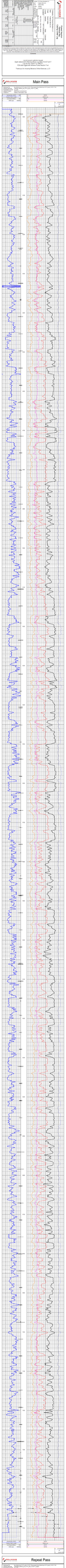
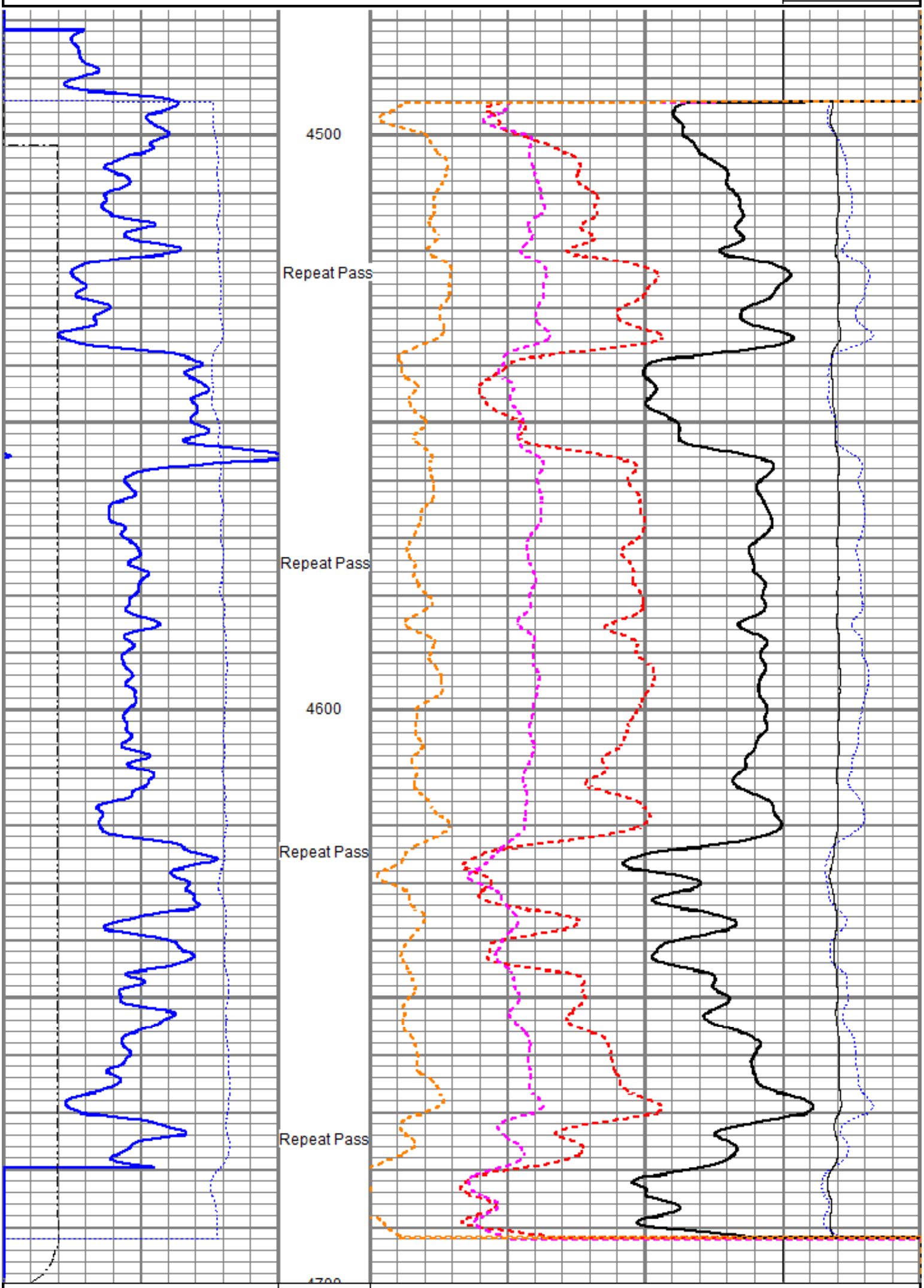

Schlumberger
Gamma Ray and Neutron
Gamma Ray (GAPI)
0
150
Neutron Porosity
0.45
-0.15
Limestone
Compensated Neutron
Array Induction Imager Tool
Dual Induction Resistivity
0.2
2000
Deep Induction Resistivity (ohmm)
Medium Induction Resistivity (ohmm)
Spherically Focused Resistivity (ohmm)
Caliper
6
16
Caliper (in)
Bit Size
Bit Size (in)
Density Correction
-0.15
0.45
Density Correction (g/cm3)
Bulk Density
1.95
2.95
Bulk Density (g/cm3)
Photoelectric Factor
0
10
Photoelectric Factor (b/e)
Delta-T Compressional
240
40
Delta-T Compressional (us/ft)
Delta-T Shear
360
80
Delta-T Shear (us/ft)
Tension
0
2000
Tension (lbf)
Mud Resistivity
0.2
2000
Mud Resistivity (ohmm)
Mud Temperature
60
200
Mud Temperature (degF)
Mud Density
1.95
2.95
Mud Density (g/cm3)
Mud Viscosity
0
100
Mud Viscosity (s)
Mud Type
Mud Type
Mud Resistivity
Mud Density
Mud Viscosity
Mud Sample Source
Rmf Temperature
Rmf Resistivity
Rmc Temperature
Rmc Resistivity
Rmf Temperature
Rmf Resistivity
Rmc Temperature
Rmc Resistivity
Rm Temperature
Rm Resistivity
Rm Temperature
Rm Resistivity
Max Recorded Temperature
Max Recorded Temperature
Circulation Stopped Time
Logger on Bottom Time
Logger on Bottom Time
Unit Number
Unit Number
Location
Location
Recorded By
Recorded By
Witnessed By
Witnessed By
Run Number
Run Number
Depth Driller
Depth Driller
Depth Logger
Depth Logger
Bottom Logged Interval
Bottom Logged Interval
Top Logged Interval
Top Logged Interval
Casing Fluid Type
Casing Fluid Type
Casing Driller Size
Casing Driller Size
Casing Logger
Casing Logger
Casing Logger Size
Casing Logger Size
Bit Size
Bit Size
Type Fluid in Hole
Type Fluid in Hole
Density
Density
Viscosity
Viscosity
PH
PH
Fluid Loss
Fluid Loss
Source of Sample
Source of Sample
Rm @ Measured Temperature
Rm @ Measured Temperature
Rmf @ Measured Temperature
Rmf @ Measured Temperature
Rmc @ Measured Temperature
Rmc @ Measured Temperature
Source of Rmf and Rmc
Source of Rmf and Rmc
Rm @ BHT
Rm @ BHT
Time Since Circulation
Time Since Circulation
Max Recorded Temperature
Max Recorded Temperature
Equipment Number
Equipment

Dataset Creation	Wed Oct 25 12:39:58 2017
Charted by	Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150
0	Line Speed (ft/min)	100
0	SSIN (cps)	500000

10	RATIO	0
60	SIGMA (cu)	0
0.35	RATIC	0
11	RATIN	0
0	LS (cps)0000	
	SS	
0	(cps4e+006	



0	Gamma Ray (GAPI)	150
0	Line Speed (ft/min)	100
0	SSIN (cps)	500000

10	RATIO	0
60	SIGMA (cu)	0
0.35	RATIC	0
11	RATIN	0
0	LS (cps)0000	
	SS	
0	(cps4e+006	

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			Titan_Electric_Cable_Heads-Titan_1-11 Electric Cable Head with 1" Fishing Neck	1.03	1.69	5.40
			Telemetry-Antares Antares Telemetry / Gamma / CCL	4.07	1.70	17.60
			Generator-Antares Antares Neutron Generator	19.03	1.70	85.80

Dataset:	pdn tool.db: field/well/run1/PDN_Tool_Diagram
Total length:	24.13 ft
Total weight:	108.80 lb
O.D.:	1.70 in

RELIANCE
WELL FIELD SERVICES

Company	TEP Rocky Mountain LLC
Well	Federal GM 43-10
Field	Grand Valley
County	Garfield
State	Colorado