Company	TEP Rocky Mountain LLC
Well	Chevron TR 323-23-597
Field	Trail Ridge
County	Garfield
State	Colorado

RELIANCE OILFIELD SERVICES

Pulsed Neutron Gamma Ray Casing Collar Log

Company	TEP Rocky Mountain LLC		
Well	Chevron TR 323-23-597		
Field	Trail Ridge		
County	Garfield	State	Colorado
Location:	API # : 05-045-23466		Other Services RBL
	SEC 23 TWP 5S RGE 97W		
Permanent Datum	Ground Level	Elevation 8545'	Elevation K.B. 8569' D.F. 8568' G.L. 8545'
Log Measured From	Kelly Bushing	24 FT	
Drilling Measured From	Kelly Bushing		

Date	26-AUG-2017
Run Number	One
Depth Driller	10339 FT
Depth Logger	10252 FT
Bottom Logged Interval	10245 FT
Top Log Interval	6002 FT
Open Hole Size	8.750"
Type Fluid	Fresh Water
Density / Viscosity	8.34 lb/gal
Max. Recorded Temp.	---
Estimated Cement Top	---
Time Well Ready	---
Time Logger on Bottom	---
Equipment Number	---
Location	Grand Junction
Recorded By	Z.Fisher
Witnessed By	----

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To

Casing Record	Size (in)	Wgt (lbs/Ft)	Grade	Top	Bottom
Surface Casing	9 5/8	32.3	H-40	Surface	3000 FT
Intermediate #1	4 1/2	11.6	P-110	Surface	10266 FT
Intermediate #2					
Liner					

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

Log ran per customer request
Depth referenced to Reliance Bond Log dated 25-AUG-2017
Log ran from 10245 FT to 6002 FT
PDN data logged with Anteres Pulsed Neutron Tool

Thank you for choosing Reliance Oilfield Services, LLC!!

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Main Pass

Database File	tep\chevron tr 323-23-597\tep_chevron tr 323-23-597_pdn_08-26-17.db
Dataset Pathname	tep_chevron_tr_323-23-597_pdn_08-26-17_
Presentation Format	ros_pdn
Dataset Creation	Wed Aug 30 16:29:32 2017
Charted by	Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150	
	Casing Collar Locator		
0	Line Speed (ft/min)	100	
0	SSIN (cps)	500000	
10	RATIO	0	
60	SIGMA (cu)	0	
0.35	RATIC	0	
15	RATIN	0	
0	LS (cps)	0000	
	SS		
0	(cps	4e+006	

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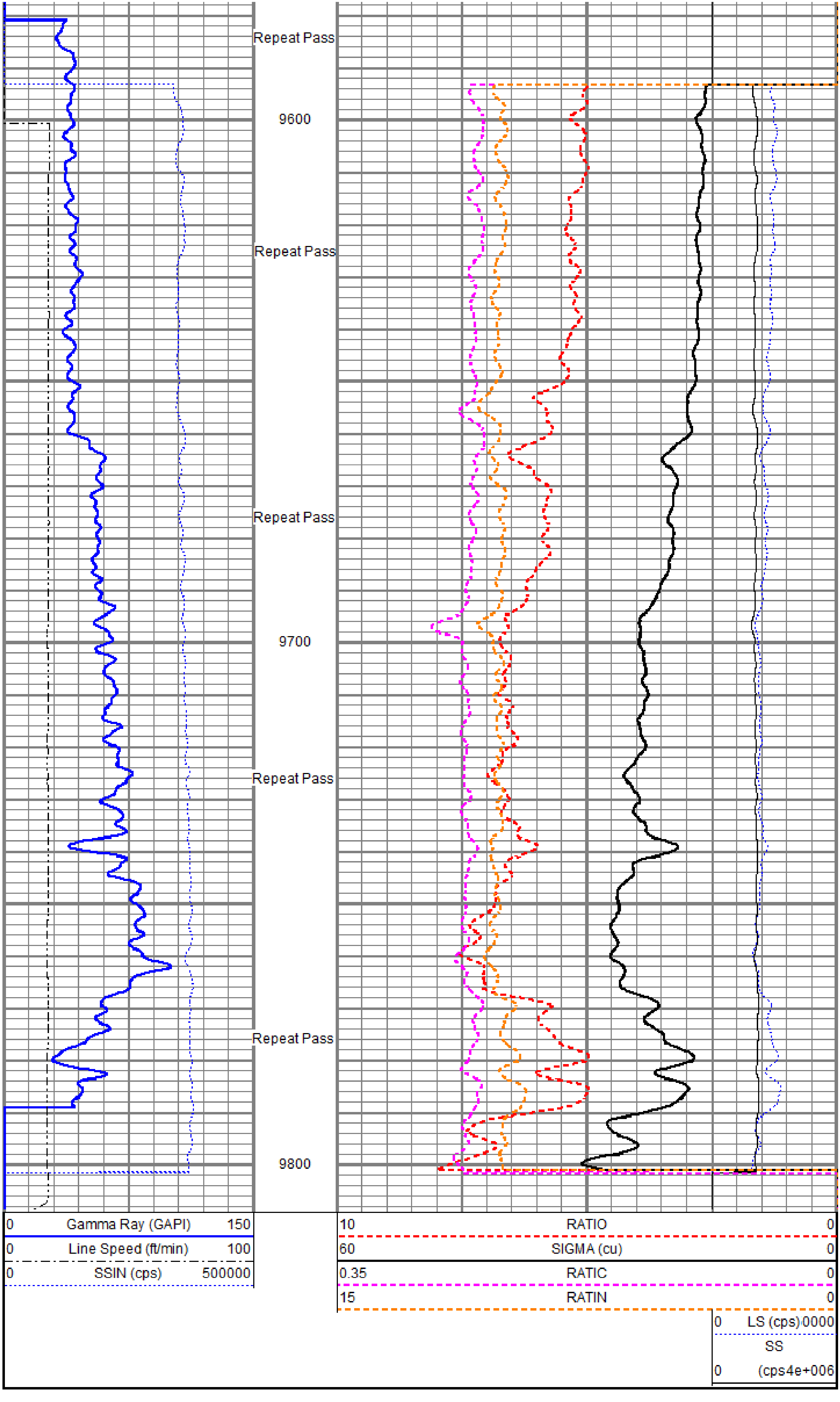
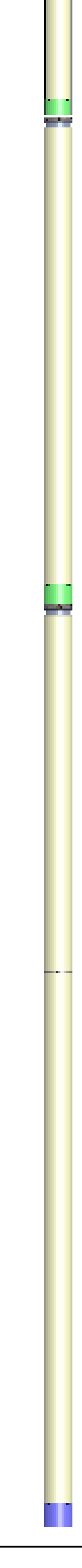
Repeat Pass

Database File	tep\chevron tr 323-23-597\tep_chevron tr 323-23-597_pdn_08-26-17.db
Dataset Pathname	repeat\tep_chevron_tr_323-23-597_pdn_08-26-17_
Presentation Format	ros_pdn
Dataset Creation	Wed Aug 30 17:12:25 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	
15	RATIN	0	
0	LS (cps)	0000	
	SS		
0	(cps	4e+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	
15	RATIN	0	
0	LS (cps)	0000	
	SS		
0	(cps	4e+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

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