RELIANCE
OILFIELD SERVICES

Pulsed Neutron
Gamma Ray
Casing Collar Log

Company TEP Rocky Mountain LLC
Well Chevron TR 324-23-597
Field Trail Ridge
County Garfield
State Colorado

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Location: API # : 05-045-23471
SEC 23 TWP 5S RGE 97W
Other Services: RBL

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	03-SEPT-2017
Run Number	One
Depth Driller	10385 FT
Depth Logger	9715 FT
Bottom Logged Interval	9708 FT
Top Log Interval	6268 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	HD-0359
Location	Grand Junction, CO
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	3087 FT
Intermediate #1	4 1/2	11.6	P-110	Surface	10344 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 26-AUG-2017
Log ran from 9708 FT to 6268 FT
PDN data logged with Anteres Pulsed Neutron Tool

Thank you for choosing Reliance Oilfield Services, LLC!!

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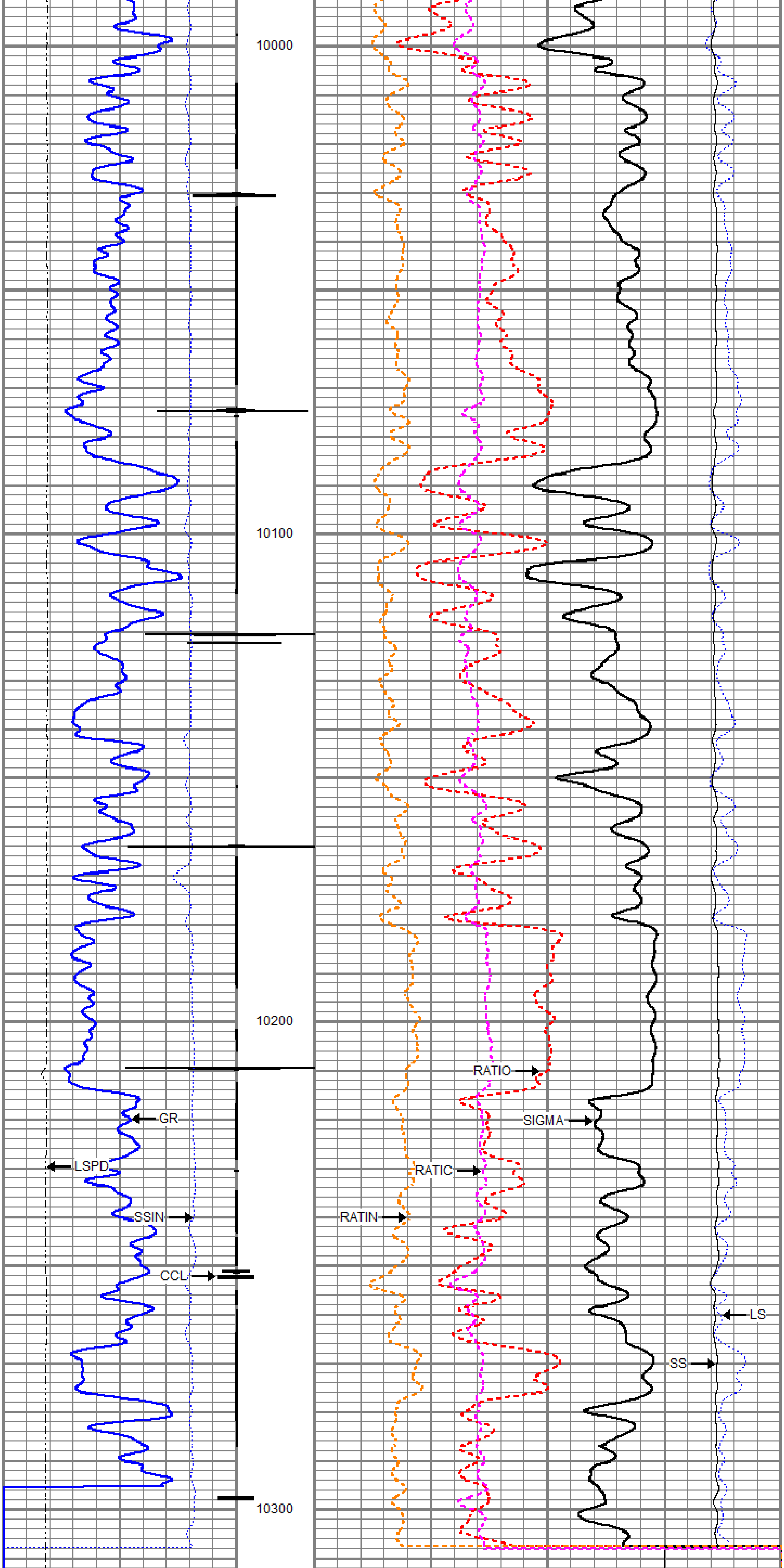
Main Pass

Database File	tep\chevron tr 324-23-597\tep_chevron tr 324-23-597_pdn_09-03-17.db
Dataset Pathname	tep_chevron_tr_324-23-597_pdn_09-03-17_
Presentation Format	ros_pdn
Dataset Creation	Tue Sep 05 11:16:54 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
11	RATIN	0
0	LS (cps)	0000
	SS	
0	(cps4e+006	

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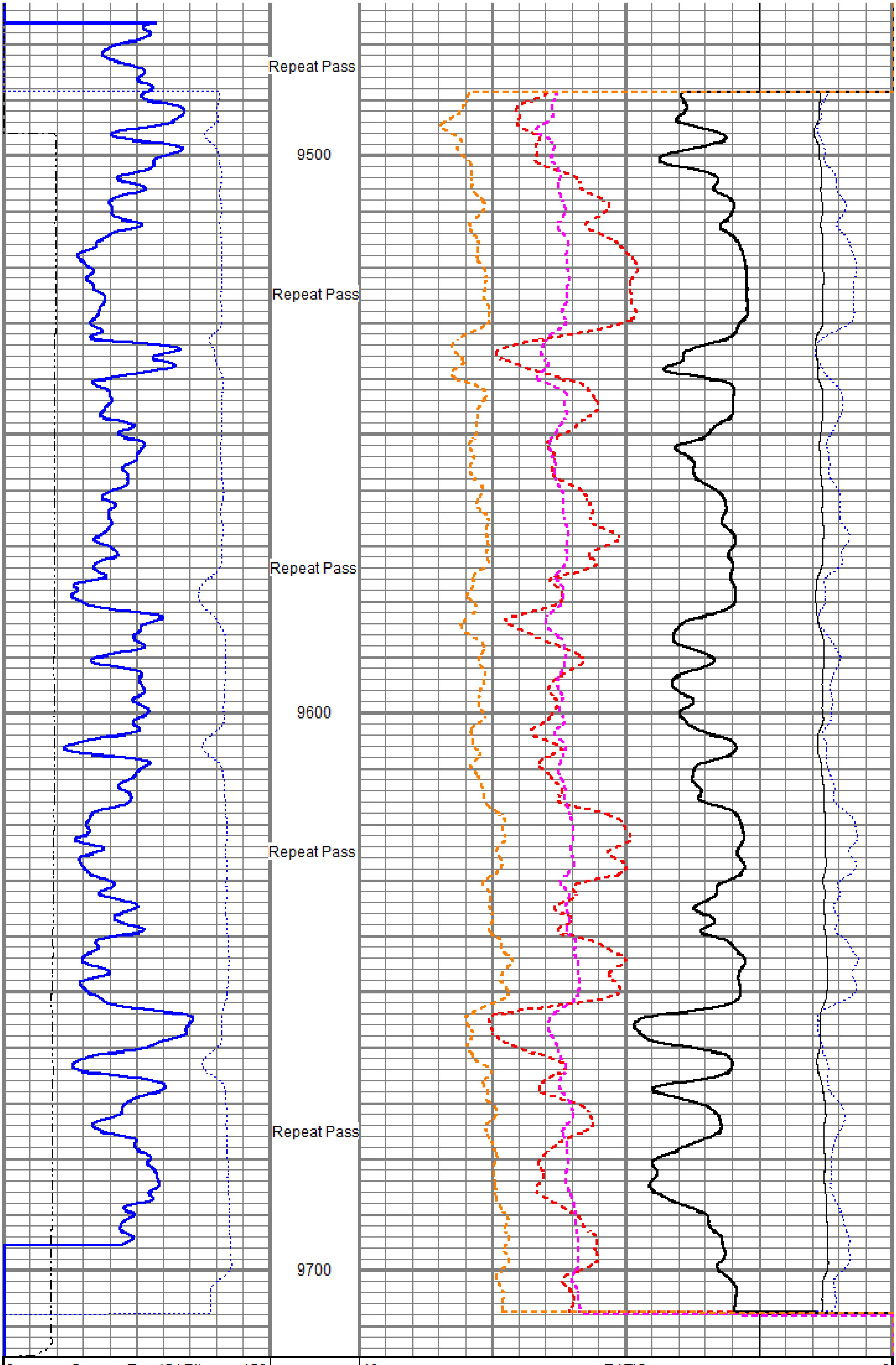
Repeat Pass

Database File	tep\chevron tr 324-23-597\tep_chevron tr 324-23-597_pdn_09-03-17.db
Dataset Pathname	repeatNEW/tep_chevron_tr_324-23-597_pdn_09-03-17_
Presentation Format	ros_pdn
Dataset Creation	Tue Sep 05 15:26:45 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	



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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_1-1 Electric Cable Head with 1" Fishing Neck	1/11.03	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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