RELIANCE
OILFIELD SERVICES

Pulsed Neutron Gamma Ray Collar Locator Log

Company	TEP Rocky Mountain LLC.
Well	Chevron TR 524-21-597
Field	Trail Ridge
County	Garfield
State	Colorado

Company TEP Rocky Mountain LLC.
Well Chevron TR 524-21-597
Field Trail Ridge
County Garfield State Colorado
Location: API # : 05-045-23348
663' FSL & 1850' FWL SESW
SEC 21 TWP 5S RGE 97W
Other Services
RBL

Permanent Datum Ground Level Elevation 8292'
Log Measured From Kelly Bushing 24 FT
Drilling Measured From Kelly Bushing

Elevation
K.B. 8316'
D.F. 8315'
G.L. 8292'

Date	26-APR-2017
Run Number	One
Depth Driller	9246 FT
Depth Logger	9246 FT
Bottom Logged Interval	4001 FT
Top Log Interval	Surface
Open Hole Size	8.750"
Type Fluid	Fresh Water
Density / Viscosity	8.34 lb/gal
Max. Recorded Temp.	253° F
Estimated Cement Top	---
Time Well Ready	---
Time Logger on Bottom	---
Equipment Number	---
Location	Grand Junction
Recorded By	M. Kochevar
Witnessed By	---

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size (in)	Weight (lb/ft)	From	To

Casing Record	Size (in)	Wgt (lb/ft)	Grade	Top	Bottom
Surface Casing	9 5/8	36	J-55	Surface	2561 FT
Intermediate #1	4 1/2	11.6	P-110	Surface	9382 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 as per customer request
Depth referenced toReliance Bond Log 23-APR-17
Log ran from 9246 FT to 4001 FT

Thank you for choosing Reliance Oilfield Services, LLC!!

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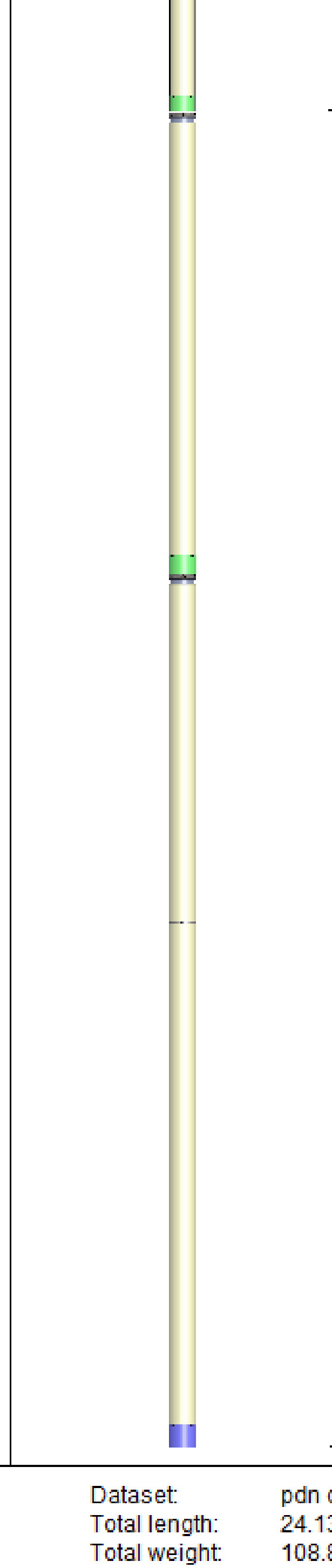
Main Pass

Database File	tr 524-21-597 pdn\tr 524-21-597 pdn.db
Dataset Pathname	tr_524-21-597_pdn
Presentation Format	ros_pdn
Dataset Creation	Wed May 03 13:31:44 2017
Charted by	Depth in Feet scaled 1:240

Min	Curve	Max
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
0	SS (cps	4e+006

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	

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 dummy.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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