RELIANCE
OILFIELD SERVICES

Pulsed Neutron
Gamma Ray
Collar Locator Log

Company TEP Rocky Mountain LLC
Well Chevron TR 413-21-597
Field Trail Ridge
County Garfield
State Colorado

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Well Chevron TR 413-21-597
Field Trail Ridge
County Garfield State Colorado
Location: API #: 05-045-23344
697' FSL & 1865' 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	24-APR-2017
Run Number	One
Depth Driller	9626 FT
Depth Logger	9479 FT
Bottom Logged Interval	9479 FT
Top Log Interval	3956 FT
Open Hole Size	8.750"
Type Fluid	Fresh Water
Density / Viscosity	8.34 lb/gal
Max. Recorded Temp.	252° F
Estimated Cement Top	---
Time Well Ready	---
Time Logger on Bottom	---
Equipment Number	---
Location	Grand Junction
Recorded By	A. Ellsworth
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	2697 FT
Intermediate #1	4 1/2	11.6	P-110	Surface	9626 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 to Reliance Bond Log at 24-APR-2017
Log ran from 9479 FT to 3956 FT

Thank you for choosing Reliance Oilfield Services, LLC!!

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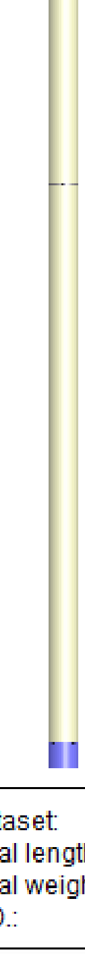
Main Pass

Database File	tr 413-21-597 pdn\tep_chevron tr 413-21-597_04-24-17_pdn.db
Dataset Pathname	tr_413-21-597_pdn
Presentation Format	ros_pdn
Dataset Creation	Thu May 04 07:21:47 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	(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 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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Company	TEP Rocky Mountain LLC
Well	Chevron TR 413-21-597
Field	Trail Ridge
County	Garfield
State	Colorado