RELIANCE OILFIELD SERVICES

Temperature (Quick Look)
Gamma Ray
Casing Collar Log

Company: TEP Rocky Mountain LLC
Well: Youberg SR 341-12
Field: Rullison
County: Garfield
State: Colorado

Location: SEC 12 TWP 7S RGE 94W
Elevation: 7254 ft
Ground Level
Kelly Bushing
Permanent Datum
Log Measured From: Kelly Bushing 24 FT
Drilling Measured From: Kelly Bushing
API #: 05-045-22599

Other Services: ...

Elevation: K.B. 7278 ft, D.F. 7277 ft, G.L. 7254 ft

Date: 28-July-2017
Run Number: ONE
Depth Driller: 5538 FT
Depth Logger: 5538 FT
Bottom Logged Interval: 5532 FT
Top Log Interval: SURFACE
Casing Driller: 8.5 @ 0 FT
Casing Logger: SURFACE
Bit Size: 7.875 IN
Type Fluid in Hole: WATER
Density / Viscosity: 8.34 LBS
PH: 7
Fluid Loss: 0 ML
Source of Sample: FLOWLINE
Rm @ Meas Temp: 0.02 @ 70 F
Rmf @ Meas Temp: 0.02 @ 70 F
Rmc @ Meas Temp: 0.02 @ 70 F
Source of Rmf / Rmc: MEASURED
Rm @ BHT: 0.01 @ 180 F
Time Circulation Stopped: 13:00
Time Logger on Bottom: 15:00
Equipment Number: SKID 2
Location: GRAND JUNCTION, CO
Recorded By: A. Rivers
Witnessed By: Derrick Boulanger

Run Number	Bore Hole Record		Casing Record		Tubing Record	
	Bit Size	From	Size	From	Size	From
ONE	7.875 IN	SURFACE	8.5 @ 0 FT	SURFACE	2.375 IN	SURFACE
		To	Weight	To	Weight	To
		5538 FT	24 LBS	4450 FT	4.7 LBS	5532 FT
			Grade		Grade	
			J-55		J-55	

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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 Kelly Bushing at 24 FT
Marker Joint logged from 5516 FT to 5538 FT
Estimated Cement Top at 4450 FT

Thank you for choosing Reliance Oilfield Services, LLC!!

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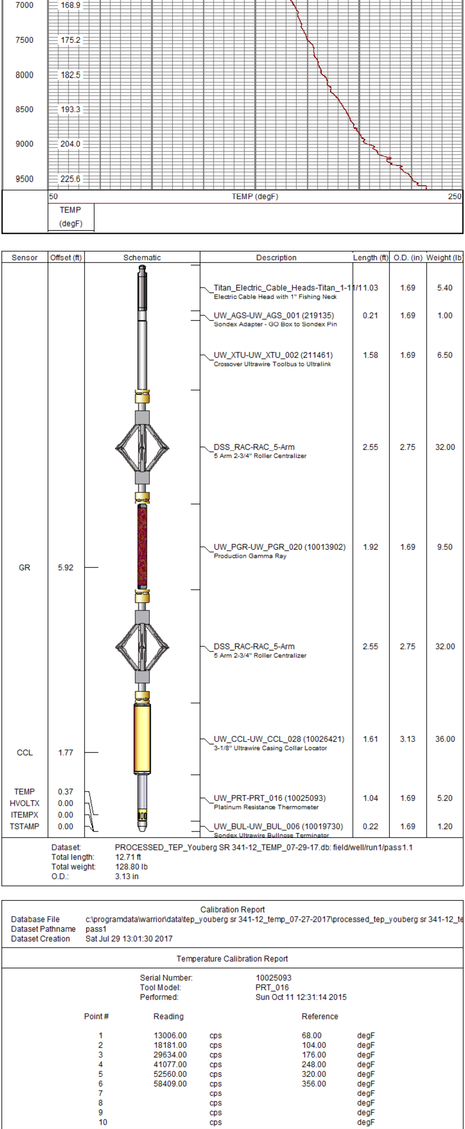
Main Pass (Quick Look)

Database File: tep_youberg sr 341-12_temp_07-27-2017\processed_tep_youberg sr 341-12_temp_07-29-17.db
Dataset Pathname: pass1.1
Presentation Format: ros_temp_ql_tep
Dataset Creation: Sat Jul 29 14:44:27 2017
Charted by: Depth in Feet scaled 1:10000



Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			Titan_Electric_Cable_Heads-Titan_1-1/8 Electric Cable Head with 1" Fishing Neck	11.03	1.69	5.40
			UW_AGS-UW_AGS_001 (219135) Sondex Adapter - GO Box to Sondex Pin	0.21	1.69	1.00
			UW_XTU-UW_XTU_002 (211461) Crossover Ultrawire Toolbus to Ultralink	1.58	1.69	6.50
			DSS_RAC-RAC_5-Arm 5 Arm 2-3/4" Roller Centralizer	2.55	2.75	32.00
GR	5.92		UW_PGR-UW_PGR_020 (10013902) Production Gamma Ray	1.92	1.69	9.50
			DSS_RAC-RAC_5-Arm 5 Arm 2-3/4" Roller Centralizer	2.55	2.75	32.00
CCL	1.77		UW_CCL-UW_CCL_028 (10026421) 3-1/8" Ultrawire Casing Collar Locator	1.61	3.13	36.00
TEMP	0.37		UW_PRT-PRT_016 (10025093) Platinum Resistance Thermometer	1.04	1.69	5.20
HVOLTX	0.00					
ITEMPX	0.00					
TSTAMP	0.00		UW_BUL-UW_BUL_006 (10019730) Sondex Ultrawire Bullnose Terminator	0.22	1.69	1.20

Dataset: PROCESSED_TEP_Youberg SR 341-12_TEMP_07-29-17.db: field/well/run1/pass1.1
Total length: 12.71 ft
Total weight: 128.80 lb
O.D.: 3.13 in

Calibration Report

Database File: c:\programdata\warrior\data\tep_youberg sr 341-12_temp_07-27-2017\processed_tep_youberg sr 341-12_t
Dataset Pathname: pass1
Dataset Creation: Sat Jul 29 13:01:30 2017

Temperature Calibration Report

Serial Number: 10025093
Tool Model: PRT_016
Performed: Sun Oct 11 12:31:14 2015

Point #	Reading		Reference	
1	13006.00	cps	68.00	degF
2	18181.00	cps	104.00	degF
3	29634.00	cps	176.00	degF
4	41077.00	cps	248.00	degF
5	52560.00	cps	320.00	degF
6	58409.00	cps	356.00	degF
7		cps		degF
8		cps		degF
9		cps		degF
10		cps		degF

Gamma Ray Calibration Report

Serial Number: 10013902
Tool Model: UW_PGR_020
Performed: (Not Performed)

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps
Calibrator Reading: 1.0 cps

Sensitivity: 1.0000 GAPI/cps

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County: Garfield
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