RELIANCE OILFIELD SERVICES

Temperature (Quick Look)
Gamma Ray
Casing Collar Log

Company TEP Rocky Mountain LLC
Well Youberg SR 22-12
Field Rullison
County Garfield
State Colorado

Location: SEC. 12 TWP. 7S RGE. 94W
1904' FNL & 2121' FEL SWNE
API #: 05-045-23292

Permanent Datum: Ground Level
Log Measured From: Kelly Bushing 24 FT
Drilling Measured From: Kelly Bushing

Elevation: Ground Level 7254 | Kelly Bushing 7278 | G.L. 7254

Other Services: ...

Run Number: 1
Depth Driller: 5641 FT
Depth Logger: 5641 FT
Bottom Logged Interval: 5601 FT
Top Log Interval: Surface
Open Hole Size: 7-7/8
Type Fluid: Fresh Water
Density / Viscosity: 8.34 lb/gal
Max Recorded Temperature: 0 degF
Estimated Cement Top: 3980 FT
Time Logger on Bottom: 09:00
Equipment Number: Skid 2
Location: Rifle, CO
Recorded By: A. Ellsworth
Witnessed By: D. Bonnifield

Bit: Size 7-7/8 | From ... | To 5641 FT
Size 4.5 | Weight 11.6 | Grade J-55 | From Surface | To 5641 FT
Size 10-3/4 | Weight 40.5 | Grade J-55 | From Surface | To 1109 FT
Type Surface | Size 9-5/8 | From Surface | To 1109 FT

Casing Collar Locator | 4.1/2 | 9.5/8 | 10-3/4
Gamma Ray | 4.1/2 | 9.5/8 | 10-3/4
Temperature | 4.1/2 | 9.5/8 | 10-3/4

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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 wilful 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 Kelly Bushing at 24 FT
Marker joint logged from 5601 FT to 5623 FT
Estimated Top of Cement is 3980 FT

Thank you for choosing Reliance Oilfield Services, LLC!!

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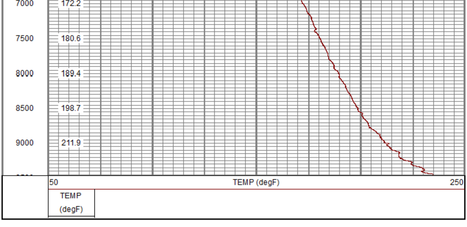
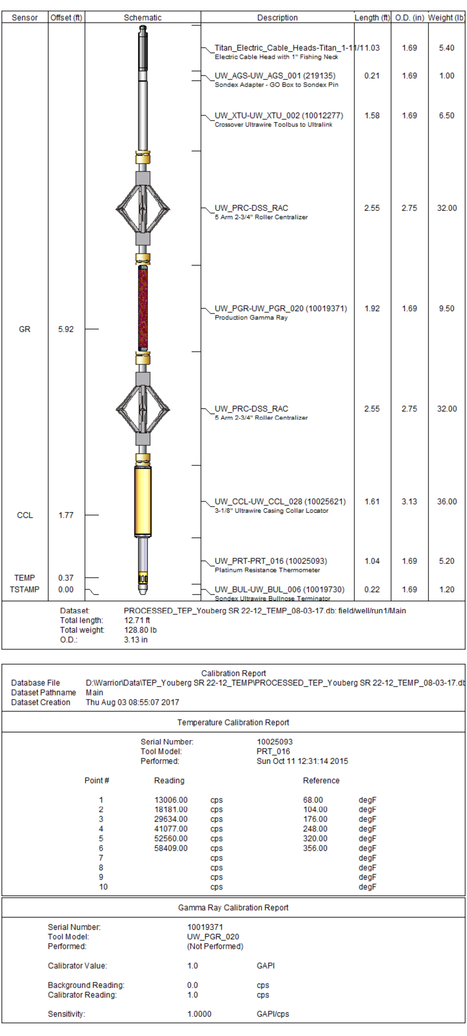
Main Pass (Quick Look)

Database File: tep_youberg sr 22-12_temp\processed_tep_youberg sr 22-12_temp_08-03-17.db
Dataset Pathname: Main.OL
Presentation Format: ros_temp_ql_tep
Dataset Creation: Thu Aug 03 10:35:38 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_1-11/11.03 Electric Cable Head with 1" Fishing Neck		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 (10012277) Crossover Ultrawire Toolbus to Ultralink	1.58	1.69	6.50
			UW_PRC-DSS_RAC 5 Arm 2-3/4" Roller Centralizer	2.55	2.75	32.00
GR	5.92		UW_PGR-UW_PGR_020 (10019371) Production Gamma Ray	1.92	1.69	9.50
			UW_PRC-DSS_RAC 5 Arm 2-3/4" Roller Centralizer	2.55	2.75	32.00
CCL	1.77		UW_CCL-UW_CCL_028 (10025621) 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
TSTAMP	0.00		UW_BUL-UW_BUL_006 (10019730) Sondex Ultrawire Bullnose Terminator	0.22	1.69	1.20

Dataset: PROCESSED_TEP_Youberg SR 22-12_TEMP_08-03-17.db: field/well/run1/Main
Total length: 12.71 ft
Total weight: 128.80 lb
O.D.: 3.13 in

Calibration Report

Database File: D:\Warrior\Data\TEP_Youberg SR 22-12_TEMP\PROCESSED_TEP_Youberg SR 22-12_TEMP_08-03-17.db
Dataset Pathname: Main
Dataset Creation: Thu Aug 03 08:55:07 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: 10019371
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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