

Company: MULL DRILLING COMPANY, INC.  
 Well: ALLEN D#1  
 Field:

County: CLARK  
 State: KANSAS

Location: SEC 33 TWP 30S RGE 23W  
 Permanent Datum: GROUND LEVEL  
 Log Measured From: KELLY BUSHING  
 Drilling Measured From: KELLY BUSHING  
 Elevation: 2509.2  
 K.B. D.L. 2509.2

Date: 6-18-2018  
 Run Number: P 34886  
 Depth Driller: 4124  
 Depth Logger: 4000  
 Top of Interval: 4122  
 Casing Size: WATER

Type Fluid: WATER  
 Density / Viscosity:  
 Max. Recorded Temp.:  
 Estimated Cement Top: 4206

Time Well Ready:  
 Time Logger on Bottom:  
 Equipment Number: CHEYENNE WELLS CO  
 Recorded By: HENDERSON  
 Witnessed By: JERRY ROANE

Run Number: BI  
 From: To  
 Size: Weight  
 From: To

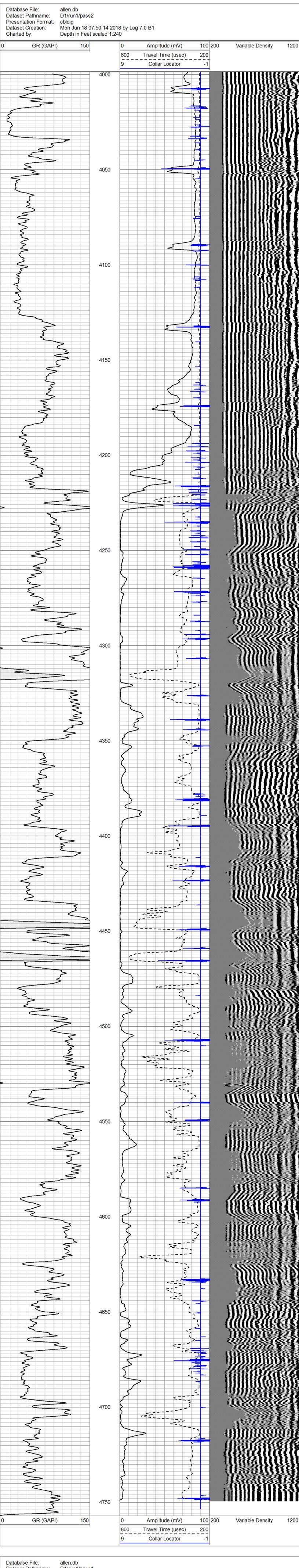
Casing Record: Size  
 Surface String: Vg/If  
 Production String: Top Bottom

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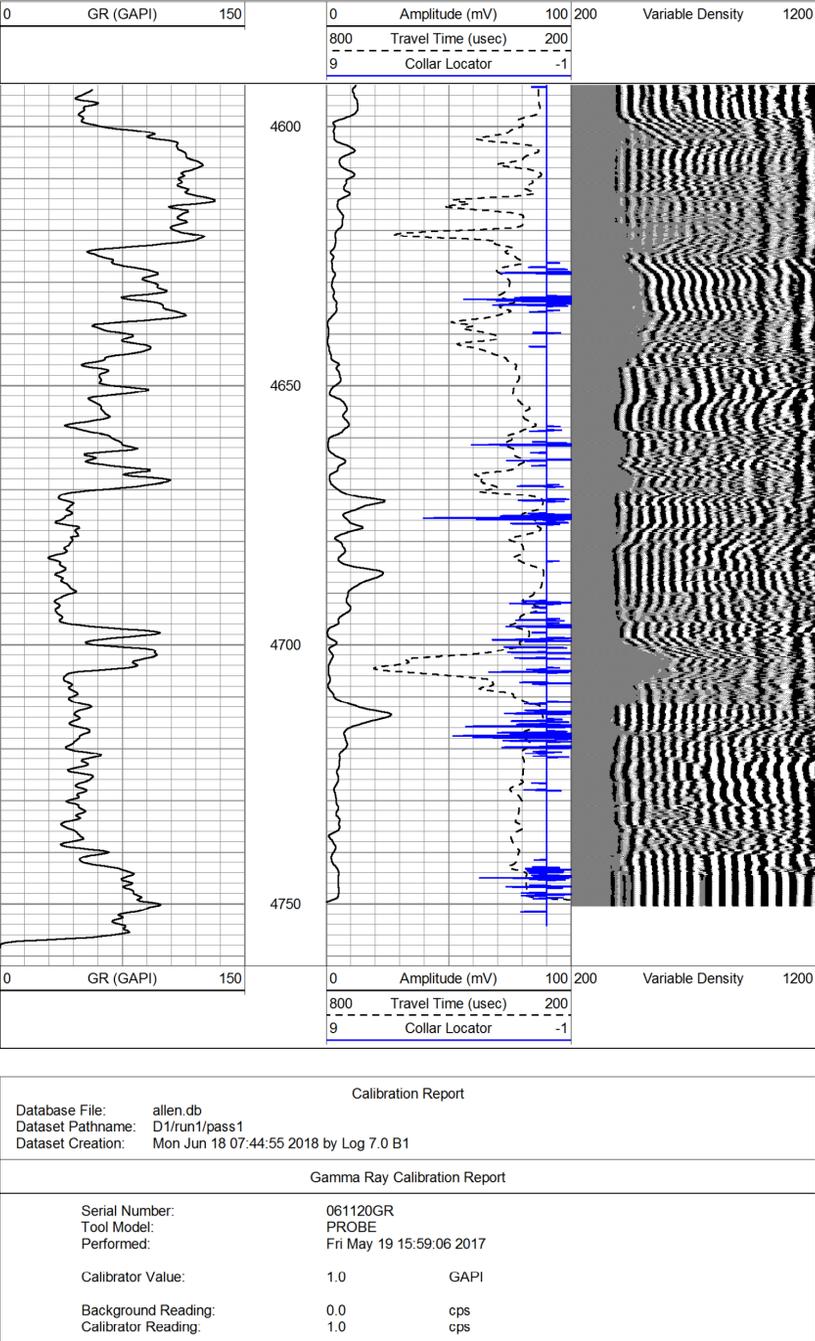
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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

Database File: allen.db  
 Dataset Pathname: D1/run1/pass2  
 Presentation Format: cblldg  
 Dataset Creation: Mon Jun 18 07:50:14 2018 by Log 7.0 B1  
 Charted by: Depth in Feet scaled 1:240



Database File: allen.db  
 Dataset Pathname: D1/run1/pass1  
 Presentation Format: cblldg  
 Dataset Creation: Mon Jun 18 07:44:55 2018 by Log 7.0 B1  
 Charted by: Depth in Feet scaled 1:240



Database File: allen.db  
 Dataset Pathname: D1/run1/pass1  
 Dataset Creation: Mon Jun 18 07:44:55 2018 by Log 7.0 B1

Calibration Report

Gamma Ray Calibration Report

Serial Number: 061120GR  
 Tool Model: PROBE  
 Performed: Fri May 19 15:59:06 2017  
 Calibrator Value: 1.0 GAPI  
 Background Reading: 0.0  
 Calibrator Reading: 1.0 cps  
 Sensitivity: 0.9000 GAPI/cps

Cement Bond Log Calibration Report

Serial Number: 5.5dig040201  
 Tool Model: Probe275Digital  
 Performed: Mon Jun 18 07:40:15 2018

Depth: 5 ft  
 Casing Diameter: 4.5 in

3' Spacing      5' Spacing

Signal Zero: 0.25      0      mV  
 Calibrated Amplitude: 81.1961      81.1961      mV  
 Reading at Signal Zero: 0.0441406      0.0391357      V  
 Reading in Free Pipe: 2.19792      1.94185      V

Gain: 37.5833      42.6739  
 Offset: -1.40895      -1.67008