



**GAMMA RAY  
NEUTRON  
COMPLETION LOG**

Company: **ELMORE OIL COMPANY, LLC**  
Well: **BERLIN #33**  
Field: **PERU-SEDAN**  
County: **CHAUTAUQUA** State: **KANSAS**

Location: **4226' FSL & 4921' FEL  
SE SW NW NW**  
API #: **15-019-27621-00-00**

SEC: **32** TWP: **33S** RGE: **12E**  
Permitment Datum: **GL**  
Log Measured From: **GL**  
Elevation: **841' EST**

Date: **6-7-2018**  
Run Number: **1 NW**  
Depth Diller: **0**

Top Log Interval: **0**  
Bottom Logged Interval: **1052'**  
Fluid Level: **FULL**

Production Casing: **2 7/8" @ TD**

Max. Recorded Temp: **TD**

Estimated Cement Top: **TD**

Amount & Type Cement: **TD**  
Dilling Contractor: **109**  
Equipment Number: **SANBORN, G**  
Location: **ELMORE, J**

Recorded By: **ELMORE, J**

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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**

THANK YOU

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
GR	7.59		GR-TITAN_169 (TIT169_001) Titan 1 11/16" Gamma Ray	4.75	1.69	20.00
CCL	5.05		CCL-TITAN_169 (TIT169) Titan 1 11/16" Logging CCL	1.83	1.69	7.50
NEU	0.63		NEU-TITAN (TIT801) TITAN 1 11/16" Neutron	4.33	1.69	25.00

Dataset: BERLIN #33.db: field/well/run1/pass2  
Total Length: 10.92 ft  
Total Weight: 52.50 lb  
O.D.: 1.69 in

Database File: e:\berlin #33.db  
Dataset Pathname: pass2  
Presentation Format: gr-n-ccl  
Dataset Creation: Thu Jun 07 09:30:24 2018 by Log Std Casedhole 09061  
Charted by: Depth in Feet scaled 1:240

