

Company **WATT, LARRY**  
Well **LONGHORN #18**  
Field **TYRO**

County **MONTGOMERY State KANSAS**

Location: **API #: 15-125-32396-00-00**  
**2085' FSL & 3140' FEL**  
**SW-NE-NE-SW**

SEC 9 TWP 35S RGE 15E  
Permanent Datum **GL** Elevation **866EST**  
Log Measured From **GL**  
Drilling Measured From **GL**

Date **10-23-13**  
Run Number **1 NW**  
Depth Driller **600'**  
Depth Logger **576.7'**  
Top Log Interval **0**  
Bottom Logged Interval **576.7'**  
Fluid Level **FULL**

Type Fluid **WATER**  
Production Casing **4.5" @ TD @ @**  
Max. Recorded Temp. **@**  
Estimated Cement Top **@**  
Calculated Cement Top **@**  
Amount & Type Cement **@**  
Drilling Contractor **@**  
Equipment Number **103**  
Location **SOLONMON, B.**  
Recorded By **WATT, L.**  
Witnessed By **WATT, L.**

<<< Fold Here >>>

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	[Schematic Diagram]	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: longhorn # 18.db: field/well/run1/pass1  
Total Length: 10.92 ft  
Total Weight: 52.50 lb  
O.D.: 1.69 in

Database File: e:\longhorn # 18.db  
Dataset Pathname: pass1  
Presentation Format: gr-n-ccl  
Dataset Creation: Wed Oct 23 11:48:44 2013 by Log Std Casedhole 09061  
Charted by: Depth in Feet scaled 1:240

