



**GAMMA RAY
NEUTRON
COMPLETION LOG**

Company: **McFADDEN OIL CO.**
Well: **HENDRICKS #4**
Field: **IOLA**
County: **ALLEN** State: **KANSAS**

Location: **API #: 15-001-30750-00-00**
Well: **HENDRICKS #4**
Field: **IOLA**
County: **ALLEN** State: **KANSAS**

Permanent Datum: **SEC 5 TWP 25S RGE 18E**
Log Measured From: **G.L.**
Drilling Measured From: **G.L.**
Elevation: **962 EST. K.F.**
Elevation: **962 EST. D.F.**
Elevation: **962 EST. G.L.**

Date: **7-31-2013**
Run Number: **1-NEWMELL**
Depth Logger: **945.9'**

Top Log Interval: **SURFACE**
Bottom Logged Interval: **945.9'**
Fluid Level: **FULL**

Production Casing: **WATER**
Type Fluid: **4.5" @ 950'**

Max. Record Temp.: **945.9'**
Estimated Cement Top: **945.9'**
Calculated Cement Top: **FULL**

Amount & Type Cement: **COMPANY TOOLS**
Drilling Contractor: **107**
Equipment Number: **UBEN D**

Recorded By: **McFADDEN, J.**
Witnessed By: **McFADDEN, L.**

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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 169 (TIT169_001) Titan 1 11/16" Neutron | 4.33 | 1.69 | 20.00 |

Dataset: hendricks #4.db; field/well/run1/pass1
Total Length: 10.92 ft
Total Weight: 47.50 lb
O.D.: 1.69 in

