



**MIDWEST SURVEYS**  
LOGGING - PERFORATING - CONSULTING SERVICES  
P.O. Box 68, Osawatomie, KS 66064  
913 / 755 - 2128

**GAMMA RAY / NEUTRON / CCL**

File No.

Company **Petroleum Resource Management**  
Well **Hammond "E" No. 28-15**

Field **Vernon**

County **Woodson** State **Kansas**

Location **1160' FNL & 1160' FEL**

Other Services

Sec. 8 Twp. 24S Rge. 16E

Permian Datum GL

Log Measured From GL

Drilling Measured From GL

Elevation 1061'

KB NA

DT NA

GL 1061'

Date

Run Number

Depth Driller

Depth Logger

Bottom Logged Interval

Top Log Interval

Fluid Level

Type Fluid

Density / Viscosity

Salinity - PPM Cl

Max Recorded Temp

Estimated Cement Top

Equipment No.

Recorded By

|                  |        |        |        |        |        |      |        |               |    |     |     |            |              |               |
|------------------|--------|--------|--------|--------|--------|------|--------|---------------|----|-----|-----|------------|--------------|---------------|
| 11-10-2015       | One    | 1117.0 | 1108.0 | 1107.0 | 20.0   |      | Water  | NA            | NA | 0.0 | 102 | Osawatimie | Gay Windisch | Adam Speicher |
| BONE-HOLE RECORD |        |        |        |        |        |      |        |               |    |     |     |            |              |               |
| NO.              | BIT    | FROM   | TO     | SIZE   | WGT    | FROM | TO     | CASING RECORD |    |     |     |            |              |               |
| One              | 9.875" | 0.0    | 42.0   | 7.00"  | 17.0 # | 0.0  | 42.0   |               |    |     |     |            |              |               |
| Two              | 5.625" | 42.0   | 1117.0 | 2.875" | 6.5 #  | 0.0  | 1113.0 |               |    |     |     |            |              |               |

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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

Drilling Contractor :  
John Leis Oilfield Services

Database File: hammond 28-15e.db  
Dataset Pathname: pass1  
Presentation Format: gr-n-ccl  
Dataset Creation: Tue Nov 10 13:47:43 2015 by Log SCH 111116  
Charted by: Depth in Feet scaled 1:240

