



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

**GAMMA RAY / NEUTRON / CCL**

File No. Company Petroleum Technologies, Inc.  
 Well Sawyer No. - 26  
 Field Longanecker Southeast  
 County Johnson State Kansas

Location 1100' FSL & 2805' FEL  
 NE-NE-SE-SW

Sec. 29 Typ. 14s Rge. 22e  
 Permanent Datum GL Elevation N/A  
 Log Measured From GL  
 Drilling Measured From GL

Date 05-22-2013  
 Run Number One  
 Depth Difer 924.0  
 Depth Logger 904.8  
 Bottom Logged Interval 903.8  
 Top Log Interval 200.0  
 Fluid Level Full

Type Fluid Water  
 Density / Viscosity NA  
 Salinity - PPM Cl NA  
 Max. Recorded Temp NA  
 Estimated Cement Top 0.0  
 Equipment No. Location 107 Osawatomie  
 Recorded By Steve Mandisch  
 Witnessed By Jerid Hoelm

| BORE-HOLE RECORD |        |      |       | CASING RECORD |       |      |       |
|------------------|--------|------|-------|---------------|-------|------|-------|
| Run              | BIT    | FROM | TO    | SIZE          | WGT.  | FROM | TO    |
| One              | 9.875" | 0.0  | 23.8  | 7.00"         | 17.0# | 0.0  | 23.8  |
| Two              | 5.625" | 23.8 | 924.0 | 2.875"        | 6.5#  | 0.0  | 909.0 |

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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 :  
 Evans Energy & Developer, Inc.

Database File: sawyer26.db  
 Dataset Pathname: pass1  
 Presentation Format: gr-n-ccl  
 Dataset Creation: Sat Jun 22 09:33:00 2013 by Log SCH 111116  
 Charted by: Depth in Feet scaled 1:240

