



**MIDWEST SURVEYS**  
 LOGGING - PERFORATING - CONSULTING SERVICES  
 P.O. Box 88, Osawatomie, KS 66064  
 913.755.2128

**GAMMA RAY / NEUTRON / CCL**

File No: Company: **Trimble & MacLuskey Oil, LLC**  
 Well: **Martindell No. 2-31**  
 Field: **Trail - Aargard**  
 County: **Greenwood** State: **Kansas**

Location: **1320 FSU & 1320' FEL**  
 Other Services: Perforate

Sec. 31 Type: 23S Rpt. 10E Elevation: 1359'  
 Permit Datum: GL Log Measure From: 5' From GL  
 Log Measure From: 5' From GL  
 Logging Measured From: 04435-2015  
 Date: 04-03-2015  
 Run Number: 2450.0  
 Depth Logger: 2443.2  
 Bottom Logged Interval: 2442.2  
 Top Log Interval: 20.0  
 Fluid Level: Water

Type Fluid: Density / Viscosity: NA / NA  
 Annuli - P/N/G: NA / NA  
 Max. Recorded Temp: NA  
 Estimated Cement Top: 0.0  
 Equipment No.: 107 Location: Osawatomie  
 Recorder By: Steve Winkler  
 Rechecked By: Steve Winkler

Vendor: TRIMBLE  
 BIT: 12.25" FCIM: 2180 SIZE: 8.625" WGT: 23.0# FCIM: 2180  
 Hc: 7.915' 2180 8.625 23.0# 0.0 14.0# 0.0  
 TMO: 2180 2350.0 5.39'

OSAWATOMIE RECORD TO: 2180  
 GAMMA RECORD TO: 2449.0

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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 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 : C & G Drilling Company

Database File: martindell 2-31.db  
 Dataset Pathname: pass1  
 Presentation Format: gr-n-ccl  
 Dataset Creation: Fri Apr 03 13:02:23 2015 by Log SCH 111116  
 Charted by: Depth in Feet scaled 1:240

