



**MIDWEST SURVEYS**  
 LOGGING - PERFORATING - CONSULTING SERVICES  
 P.O. Box 68, Osawatomie, KS 68064  
 913 / 735 - 2128

**GAMMA RAY / NEUTRON / CCL**

File No. \_\_\_\_\_  
 Company Lakeshore Operating, LLC.  
 Well Shepard No. LO-47  
 Field Vernon  
 County Woodson State Kansas

Location 1770' FSL & 2765' FEL  
 NE-SE-NE-SW

Sec. 17 Twp. 24S Rge. 16E  
 Permian Daum GL Elevation 1073'  
 Log Measured From GL  
 Drilling Measured From GL

Date 01-02-2015  
 Run Number One  
 Depth Driller 1120.0  
 Bottom Logged Interval 1089.0  
 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 104 Osawatomie  
 Recorded By Gary Windisch  
 Witnessed By Wesley Keitham

BORE-HOLE RECORD  
 R/LIN No. BIT FROM TO SIZE WGT. FROM TO  
 One 9.875" 40.0 7.00" 17.0# 0.0 40.0  
 Two 5.975" 40.0 1120.0 2.875" 6.5# 0.0 1099.0

Casing Record	
TO	FROM
40.0	0.0
1120.0	0.0

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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 :  
 Owens Petroleum, LLC.

Database File: shepard47lo.db  
 Dataset Pathname: pass1  
 Presentation Format: gr-n-ccl  
 Dataset Creation: Fri Jan 02 13:38:30 2015 by Log SCH 111116  
 Charted by: Depth in Feet scaled 1:240

