



**MIDWEST SURVEYS**  
 LOGGING - PERFORATING - CONSULTING SERVICES  
 P. O. Box 68, Osawatomie, KS 68084  
 913 / 755 - 2128

**GAMMA RAY / NEUTRON / CCL**

File No. \_\_\_\_\_  
 Company **Lakeshore Operating, LLC.**  
 Well **Fuller No. LO-54**  
 Field **Vernon**  
 County **Woodson** State **Kansas**

Location **4185' FSL & 1560' FEL**  
**SE-SE-NW-NE**  
 Sec. 33 Twp. 23S Rge. 16E  
 Permian Datum Log Measured From G.L. Elevation 1079'  
 Drilling Measured From G.L. Elevation 1079'

Date **03-17-2015**  
 Run Number **One**  
 Depth Driller **1120.0**  
 Depth Logger **1010.0**  
 Bottom Logged Interval **1009.0**  
 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. **102** Location **Osawatomie**  
 Recorded By **Gary Mordich**  
 Witnessed By **Wesley Keitham**

BORE-HOLE RECORD			
RUN No.	BIT FROM	TO	SIZE
One	9.875"	40.0	7.00"
Two	3.875"	40.0	2.875"

CASING RECORD			
	FROM	TO	WT.
	0.0	40.0	17.0 #
	0.0	1122.5	6.5 #

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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 :  
**Jackman Oilfield Services**

Database File: fuller 54lo.db  
 Dataset Pathname: pass1  
 Presentation Format: gr-n-ccl  
 Dataset Creation: Tue Mar 17 11:11:53 2015 by Log SCH 111116  
 Charted by: Depth in Feet scaled 1:240

