



**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-32  
 Field Vernon  
 County Woodson State Kansas

Location 5115' FSL & 2490' FEL  
 Sec. 33 Twp. 23S Rge. 16E  
 Permian Datum GL Elevation 1097'  
 Log Measured From GL  
 Drilling Measured From GL  
 Date 12-19-2014  
 Run Number One  
 Depth Driller 1135.0  
 Depth Logger 1113.2  
 Bottom Logged Interval 200.0  
 Top Log Interval Full  
 Fluid Level Full

| Type Fluid       |        | Density / Viscosity |        | Salinity - PPM Cl |        | Max Recorded Temp |        | Estimated Cement Top |        | Equipment No.  |        | Location         |        |
|------------------|--------|---------------------|--------|-------------------|--------|-------------------|--------|----------------------|--------|----------------|--------|------------------|--------|
| Water            |        | NA                  |        | NA                |        | NA                |        | 0.0                  |        | 102            |        | Osawatomie       |        |
| Wesley Keelham   |        | Wesley Keelham      |        | Wesley Keelham    |        | Wesley Keelham    |        | Wesley Keelham       |        | Wesley Keelham |        | Wesley Keelham   |        |
| BORE-HOLE RECORD |        | CASING RECORD       |        | BORE-HOLE RECORD  |        | CASING RECORD     |        | BORE-HOLE RECORD     |        | CASING RECORD  |        | BORE-HOLE RECORD |        |
| Run              | BIT    | FROM                | TO     | SIZE              | WGT.   | FROM              | TO     | NO.                  | BIT    | FROM           | TO     | NO.              | BIT    |
| One              | 9.875" | 0.0                 | 42.0   | 7.00"             | 17.0 # | 0.0               | 42.0   | One                  | 9.875" | 0.0            | 42.0   | One              | 9.875" |
| Two              | 3.875" | 42.0                | 1135.0 | 2.875"            | 6.5 #  | 0.0               | 1125.0 | Two                  | 3.875" | 42.0           | 1135.0 | Two              | 3.875" |

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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: fuller32lo.db  
 Dataset Pathname: pass1  
 Presentation Format: gr-n-ccl  
 Dataset Creation: Fri Dec 19 13:27:54 2014 by Log SCH 111116  
 Charted by: Depth in Feet scaled 1:240

