

## GEOLOGICAL REPORT

**Lanham #5**  
1930' FSL, 1105' FEL  
Sec. 34 T25S R14E  
NW SW NE SE  
Woodson County, Kansas

**Date:** 4/9/12

**Operator:** Ed Birk, 302 S. 16<sup>th</sup> St., Burlington, Kansas 66839

**Drilling Contractor:** Rig 6 Drilling  
Mud Rotary Drill Rig

**Wellsite Geologist:** Julie Shaffer

**Dates Drilled:** April 4 & 5, 2012

**Total Depth:** 1590'                      **Elevation:** 1051' (Est.)

**Status:** OIL WELL

**Notes:** Well cuttings were examined at the drill rig and discarded. Select samples of zones of interest were saved and examined in the laboratory with a binocular microscope and blacklight. Formation tops were picked from the geolograph and correlated back to the open hole logs.

**Comments:** Squirrel Sandstone had a fair to good oil show (drillers log) from 1216-1226'  
Upper Bartlesville Sandstone had a poor oil show from 1390-1410'  
Lower Bartlesville Sandstone had a fair oil show from 1470-1475'  
Mississippi had no visual oil show but a porous sucrosic dolomite with good fluorescence and a faint oil cut