

**DEACON GEOLOGY INC.**

**6739 SW Scathelock Rd.**

**Topeka, KS 66614-4457**

**785-272-4383**

**(TIGHT HOLE)**

**GEOLOGISTS REPORT**

**For**

**HARRIS #6-2016**

**1653 FSL, E, 2308 FEL**

**NE, SW, NW, SE**

**Sec. 15, T7S, R13E**

**JACKSON COUNTY, KS**

**API 15-085-20094-0000**

**FEBRUARY 6, 2017**

**By**

**GEORGE E. PETERSEN**

**DEACON GEOLOGY INC.**

**RECEIVED**

**FEB 13 2017**

**GEOLOGISTS REPORT****HARRIS #6-2016**

*On location 2/03-05, 2017 Drilling ceased due to lost circulation conditions.*

*Unable to run open hole logs due to hole conditions.*

**ELEVATION 1128 GL.**

**FORMATION TOPS Based on sample returns**

<i>Miss Lm</i>	<i>2376</i>	<i>-1248</i>
<i>Kinderhook Sh</i>	<i>2448</i>	<i>-1320</i>
<i>Hunton</i>	<i>2680</i>	<i>-1552</i>

**RTD 2813,**

*Sample returns were examined microscopically from 2650 to 2720 for the presence of visible hydrocarbons. The sample returns that were examined were of very good quality.*

*There were no samples from the interval examined from 2670 to the top of the Hunton that had any visible shows of hydrocarbons. There were well cemented, medium to coarse grained, clear to frosted, well rounded quartz particles in the samples. It is possible that these are the remains of the Meisener sand that overlies the Hunton in some parts of the basin.*

**HUNTON:**

*The top of the Hunton was called at a drilled depth of 2678 feet. Sample returns contained a tan to white dolomite with large visible vug and interxtaline porosity. There was a very good show of free oil in the pore space and samples were heavily stained. There was a fair to good show of oil on the pit. There was also a strong odor present in the samples and a very strong odor present on the rig floor while drilling this interval. There was good fluorescence observed coming from the samples under black light.*

*There were gray to white tripolitic chert fragments along with pyrite also observed in the samples.*

**CONCLUSIONS AND RECOMMENDATIONS:**

*A severe lost circulation condition was encountered in the middle portion of the Hunton while drilling to reach the Viola. A decision was made to stop further attempts to restore circulation as the mud costs were becoming large, and there was the possibility that the hole could be lost. In such case the potential pay in the top of the Hunton might be in jeopardy.*

*The shows of oil along with the visible porosity visible in the samples were deemed adequate to support the decision to stop drilling at this point. All indications at this point indicated that the upper Hunton had the adequate porosity and oil shows to try to complete this well.*

**DISCLAIMER:**

*The recommendation made hereon shall not be construed as absolute and are made without assumption of liability and are statements of observation/research/training and experience within the area.*

*The services rendered on the Harris #6-2016 were done without any biasing influence, intentional or unintentional, from any employee or representative of Stroke of Luck Energy & Development LLC.*

*Geologists will receive a 2% ORRI on the positive completion of this well.*

*Should you require additional services or information, please contact me.*

*Respectfully submitted;*



**George E. Petersen**