## **AUSTIN B. KLAUS**

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Scale 1:240 (5"=100') Imperial Measured Depth Log

Well Name: E. Honomichl #1-19
Location: Rooks County

License Number: API #15-163-24391-00-00 Region: Kansas

Spud Date: 5/7/2019 Drilling Completed: 5/11/2019

Surface Coordinates: Section 19, Township 9 South, Range 19 West

330' FSL & 2310' FEL

Bottom Hole Vertical well w/ minimal deviation, same as above

**Coordinates:** 

Ground Elevation (ft): 2,143 K.B. Elevation (ft): 2,148 Logged Interval (ft): 3,000 To: RTD Total Depth (ft): 3,670

Formation: LKC, Arbuckle Type of Drilling Fluid: Chemical (K.D.T)

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## **OPERATOR**

Company: Patterson Energy, LLC

Address: P.O. Box 400

Hays, KS 67601

## **GEOLOGIST**

Name: Austin Klaus

Company: John O. Farmer, Inc. Address: 370 W. Wichita Ave. Russell, KS 67665

## **Comments**

The E. Honomichl #1-19 well was drilled by Murfin Drilling Rig #8 (Tool Pusher: Randy Farr).

The location for the E. Honomichl #1-19 was discovered via 3D seismic survey. Rock samples were gathered and evaluated from 3,000'-3,670'. Oil shows were encountered in the LKC C,F,J,K, and Arbuckle. Structurally, the Lansing top was picked 4' low to the comparison well, 660' to the east (E. Honomichl #1 - 1947). Structural thinning occurred through the LKC, which resulted in an Arbuckle top 3' high to the comparison well. Good oil shows were observed throughout the top 25-30' of the Arbuckle. All Lansing-Kansas City oil shows should also be evaluated prior to P&A. After complete evaluation of all oil shows and electric logs, it was decided that 5 1/2" production casing be set to further test the E. Honomichl #1-19 on 5/11/19.







