AUSTIN B. KLAUS

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

Well Name: Baugher #3
Location: Trego County

License Number: API #15-195-23056-00-00 Region: Kansas Spud Date: 5/17/2018 Drilling Completed: 5/24/2018

Surface Coordinates: Section 23, Township 12 South, Range 21 West

1,656' FSL & 1,248' FEL

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

Coordinates:

Ground Elevation (ft): 2,272 K.B. Elevation (ft): 2,277 Logged Interval (ft): 3,200 To: RTD Total Depth (ft): 4,025

Formation: LKC-Arbuckle Type of Drilling Fluid: Chemical (KDT)

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OPERATOR

Company: American Oil, LLC Address: 1200 Main, Suite 410

Hays, KS 67601

GEOLOGIST

Name: Austin Klaus

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

Comments

The Baugher #3 well was drilled by Murfin Drilling Rig #24.

The Baugher #3 was discovered via 3D seismic survey. Rock samples were gathered and evaluated from 3,250'-4,025'. Oil shows were encountered in the Topeka, Toronto, LKC A,C, and Arbuckle. Sample quality became poor (all shale) just below Lansing D, and remained that way through the Marmaton. Structurally, the Lansing top was picked 9' high to the comparison well, 1,320' to the northwest (Baugher #2 - 1981'). Structural thinning occurred below the B/KC, which resulted in an Arbuckle picked 58' high to the comparison well. A bottom-hole test was conducted across the top 50' of the Arbuckle, which resulted in positive fluid recovery and good bottom-hole pressures. After evaluation of all oil shows, DST results, and electric logs, it was decided that 5 1/2" production casing be set to further evaluate the Baugher #3 on 5/24/2018.









