AUSTIN B. KLAUS

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

Well Name: McFarland SWD Location: Graham County

License Number: API #15-065-24151-00-00 Region: Kansas Spud Date: 6/22/2018 Drilling Completed: 6/27/2018

Surface Coordinates: Section 18, Township 9 South, Range 21 West

330' FNL & 330' FEL

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

Coordinates:

Ground Elevation (ft): 2,285 K.B. Elevation (ft): 2,290 Logged Interval (ft): 3,200 To: RTD Total Depth (ft): 4,000

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

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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 McFarland SWD well was drilled by WW Drilling Rig #8 (Toolpusher: Scot Piland).

The McFarland SWD was drilled primarily for use as a salt water disposal well, with the possibility of oil production. Rock samples were gathered and evaluated from 3,200'-4,000'. Oil shows were encountered in the LKC B,C, F, I, K and Arbuckle. Structurally, the Lansing top was picked 8' low to the comparison well, 660' to the south/southwest (McFarland #2 - 2018'). Structure remained consistent through the LKC and the B/KC was picked 10' low. Structural thickening occurred just above the Arbuckle, which resulted in an Arbuckle picked 19' low to the comparison well. After evaluation of all oil shows and electric logs, it was decided that 5 1/2" production casing be set to further evaluate the McFarland SWD for oil producion and utilize as a salt water disposal well if non-commercial.









