

AUSTIN B. KLAUS



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

Well Name: Dorcas Unit #1 **Location: Lyon County**

License Number: API #15-111-20545-00-00 Region: Kansas

Spud Date: 6/22/2019 Drilling Completed: 6/29/2019

Surface Coordinates: 1,255' FNL & 145' FWL

Sec. 36 T16S R10E

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

Coordinates:

K.B. Elevation (ft): 1,352 Ground Elevation (ft): 1,344 To: RTD Logged Interval (ft): 2,400 Total Depth (ft): 3,210

Formation: Miss-Arbuckle

Type of Drilling Fluid: Chemical (Andy's Mud)

Printed by STRIP.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

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

Russell, KS 67665

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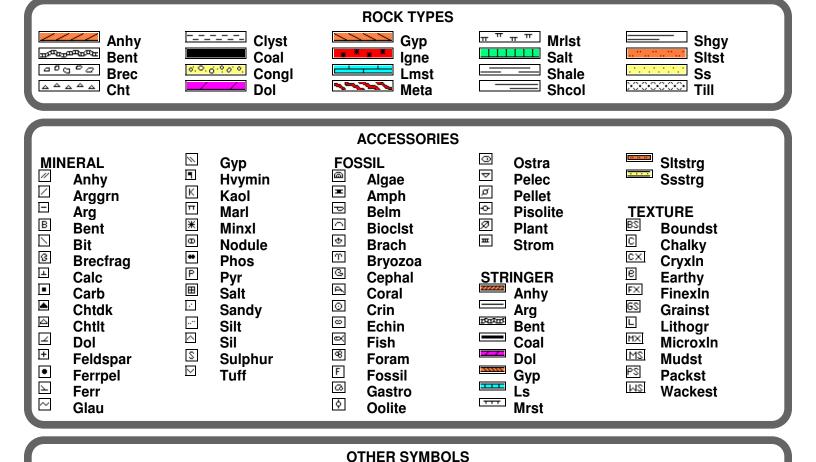
Name: Company: Address:

Cores

Comments

The Dorcas Unit #1 well was drilled by Discovery Drilling Rig #2 (Tool Pusher: Terry Wickham).

The location for the Dorcas Unit #1 was discovered via 3D seismic. Rock samples were gathered and evaluated from 2,300' - 3,210'. Oil shows were encountered in the Viola, & Simpson. Structurally, the Mississippian top was picked 8' low to the comparison well, Nielsen #1 (John O. Farmer, Inc.). Structural thinning occurred through the Miss, which resulted in a Kinderhook picked 2' high to the comparison well. The primary pay zone (Simpson Sand) was also picked 2' high to the comparison well. A drill stem test was conducted over the top 12' of the Simpson Sand, which recovered 100' of oil and 17' of oil cut water. After evaluation of all oil shows, DST results, & electric logs, it was decided that 5 1/2" production casing be set to further evaluate the Dorcas Unit #1 on 6/29/2019.



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