

FORT SCOTT METHANE PARTNERS, LLC
Geologist Report

Well Name: Wilson 12-43
API Number: 15-107-23843-00-00
Field Name: Wildcat
Location: Sec. 12-23S-22E, 1700' FSL, 330' FEL, N/2 SE NE SE, Linn County,
Kansas
Total Depth: 885'
Formation at Total Depth: Mississippian
Target Formations: Cherokee Coals
Ground Elevation: 1084'
Spud Date: August 28, 2007
Drilling Contractor: Mokat Drilling Inc.
Type Equipment: Air Rotary Rig
Surface Casing: 22' 8 5/8"
Hole Size: 6 3/4"

8-27-07 Mark Beltz dug pit. DWC=400.

8-29-07 MIRU Mokat Drilling. Set 22' 8 5/8" surface csg, cement w/5 sx Portland
cement. SDFN. DWC=800 TWC=1200

8-30-07 Safety meeting. Drilled to T.D. of 885'. RD Mokat. Set 21' 8 5/8"
surface casing on Wade 3-22. SDFN DWC=10,000 TWC=11,200

75', fresh water in limestone

Redbed 243'-257', red shale

Mulberry Coal: 364', good show, some fast popping

Pawnee Limestone: 370', fair oil odor

Anna Shale: 402', black shale, fair-good show, scattered popping

Lexington Coal: 443', fair-good show, scattered popping

Oswego Lime: 445', ls, med gray, good oil odor, slight oil show

Little Osage Shale: 464', fair show, scattered popping

Excello Shale: 476', drk gray shale, slight show

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Squirrel Sand: siltstone, light gray, no porosity no visible shows

Bevier Coal: 556', fair-good show, scattered popping

V-Shale: 579', black shale, fair show, scattered popping

Croweburg Coal: 585', fair show, scattered popping

Fleming Coal: 639', fair show, very light, floats, shiny

Cattleman Sand: 650'-674', ss, vfg, med gray, bleeding a lot of med. Brown oil; oil saturated to 674'

Wier-Pitt A Coal: 697', fair show; very good looking coal, clean, shiney, lustrous,

Weir-Pitt B Coal: 702', same show as Weir-Pitt A

Bluejacket A Coal: 724', fair show, clean, very shiny

Bluejacket B Coal: 745', fair-good show, very clean, shiny

Rowe A Coal: 764', good show, clean, shiny, some fast popping

Rowe B Coal: 770', same show as Rowe A

Neutral Coal: 786', missed sample at connection

Riverton Coal: 814', fair-good show, clean light (floats) lustrous coal

Mississippian: top at 826', ls, med gray, bleeding med gravity brown oil

840', oil and a little gas in limestone

855', still oil in limestone

T.D. 885'

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