

FORT SCOTT METHANE PARTNERS, LLC
Geologist Report

Well Name: Laughlin 22-12
API Number: 15-011-23249-00-00
Field Name: Wildcat
Location: Sec. 22-23S-23E, ' FSL, 330' FWL, S/2 N/2 SW SW, Bourbon County,
Kansas
Total Depth: 600'
Formation at Total Depth: Mississippian
Target Formations: Cherokee Coals
Ground Elevation: 895'
Spud Date: July 17, 2007
Drilling Contractor: Mokat Drilling Inc.
Type Equipment: Air Rotary Rig
Surface Casing: 21' 8 5/8"
Hole Size: 6 3/4"

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7-17-07 Mark Beltz dug pit. DWC=400.

7-19-07 MIRU Mokat Drilling. Set 21' 8 5/8" surface csg, cement w/5 sx Portland
cement. SDFN. DWC=800 TWC=1200

7-20-07 Safety meeting. Drilled to T.D. of 600'. RD Mokat. Moved to Gellender
26-21 and set surface casing. MI Superior Well Services and ran density log and
induction log. Will drill Gellender on 7-21-07. SDFN DWC=11,000 TWC=12,200

Mulberry Coal: 75', poor sample

Pawnee Limestone: 80', med to gray, fossiliferous, no visible gas show

Oswego Lime: 154', med gray, no porosity, no show

Little Osage Shale: 172', shale, black, minor gas show

Excello Shale: 184', shale, black, not well developed, poor show

Bevier Coal: 270', poor to fair show, slow developing bubbles, no popping

Croweburg Coal: 296', fair show, no popping

Fleming Coal: 316', fair show, slight popping

Fleming B Coal: 328' thin coal, fair-good show, steady popping on some cuttings

Mineral Coal: 340', fair-good show, steady popping in some cuttings

Tebo A Coal: 358', poor sample, mixed in with black silty shale, poor to good show

Tebo Shale: 363', black shale, poor sample

Tebo Sandstone: 371', did not get good sample, rock must have been porous and soft enough that it drilled up and came up as dust rather than cuttings

Upper Bartlesville SS: 400', ss, med-drk gray, vfg, good oil odor, bleeding oil, popping in some cuttings

430', siltstone, drk gray, slight gas show, tite

Lower Bartlesville SS: 464'-480', ss, vfg, med-drk gray, fair oil odor

Riverton Coal: 513', good show, steady popping

Mississippian: top at 523', limestone, lt gray to cream, pinpoint vuggy porosity, bleeding a little oil and gas

Oil Shows down to 558' bleeding oil and a little gas

T.D. 600'

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