

FORT SCOTT METHANE PARTNERS, LLC
Geologist Report

Well Name: Snyder 24-41

API Number: 15-011-23306-00-00

Field Name: Wildcat

Location: Sec. 24-23S-23E, 600' FNL, 600' FEL, SW NE NE NE, Bourbon
County, Kansas

Total Depth: 545'

Formation at Total Depth: Mississippian

Target Formations: Cherokee Coals

Ground Elevation: 848'

Spud Date: August 17, 2007

Drilling Contractor: Mokat Drilling Inc.

Type Equipment: Air Rotary Rig

Surface Casing: 21' 8 5/8"

Hole Size: 6 3/4"

8-16-07 Mark Beltz dug pit. DWC=400.

8-17-07 MIRU Mokat Drilling. Set 21' 8 5/8" surface csg, cement w/5 sx Portland
cement. SDFN. DWC=800 TWC=1200

8-18-07 Safety meeting. Drilled to T.D. of 660'. RD Mokat. Winch motor broke
on rig; repaired rig and set 21' 8 5/8" surface casing on Paddock 19-44. SDFN
DWC=10,000 TWC=11,200

Mulberry Coal: Not present, eroded off

Oswego Lime: 82', ls, med gray, good oil odor 89'-91', slight show oil and gas

Little Osage Shale: 98', black shale, fair gas show, widely scattered popping

Squirrel Sand: 130'-194', ss, vfg, med brown, some interbedded shale, good oil
odor, bleeding med brown oil (appears to be med. Gravity oil), oil saturated down
to bottom of Squirrel, i.e. 194'

Bevier Coal: 202', fair show, minor slow popping

Croweburg Coal: 230', fair show, minor popping

Fleming Coal: 253', fair-good show, steady popping

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24-23S-23E
SW NE NE NE

24-23-23E

Mineral Coal: 275', good show, shaley, some fast popping

Tebo Coal: 291': fair-good show

Cattleman Sand: 298'-309', vfg, med gray, bleeding oil and gas, med brown oil

Tebo B Coal: 314', Good show, some fast popping

Weir-Pitt Coal: 331', Same show as Tebo B

Bluejacket A Coal: 350', missed sample

Bluejacket B Coal: 356', missed sample

Bartlesville Sand: 369'-415', ss, vfg, med gray, go odor, no visible show

Neutral Coal: 415', fair-good show, very clean, shiney, lustrous looking coal

433', ss, light and dark laminated, poor porosity

Riverton Coal: 446', steady popping common, some fast popping; very clean shiney coal, blockier cleats than most of coals we have seen in Timberhill

Mississippian: top at 452', light and dark gray limestone, minor chert, minor lt green shale, minor oil show

462', heavy bleeding oil, light gray ls, vuggy porosity, strong bleeding oil

473', still in oil, med gvy brown oil

T.D. 560'

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