

FORT SCOTT METHANE PARTNERS, LLC
Geologist Report

Well Name: Pettit 29-34
API Number: 15-107-23867-00-00
Field Name: Wildcat
Location: Sec. 29-22S-23E, 330' FSL, 1650' FEL, SE SW SE, Linn County,
Kansas
Total Depth: 835'
Formation at Total Depth: Mississippian
Target Formations: Cherokee Coals
Ground Elevation: 1045'
Spud Date: July 19, 2007
Drilling Contractor: Mokat Drilling Inc.
Type Equipment: Air Rotary Rig
Surface Casing: 21' 8 5/8"
Hole Size: 6 3/4"

7-21-07 Mark Beltz dug pit. DWC=400.

7-22-07 MIRU Mokat Drilling. Set 21' 8 5/8" surface csg, cement w/5 sx Portland
cement. SDFN. DWC=800 TWC=1200

7-23-07 Safety meeting. Drilled to T.D. of 835'. RD Mokat. Moved to Higgins 5-
11, set 21' 8 5/8" surface csg. SDFN DWC=10,000 TWC=11,200

Dawson ? Coal: 320', very thin stringer of coal

Mulberry Coal: 344', fair-good show, slow popping common

Lower Pawnee Limestone, 375', faint oil odor, slight gas show

Lexington Coal: 409', very thin coal, fair show, scattered popping

Little Osage Shale: 441', black shale

Squirrel Sand: approx. Silty light gray shale, no sand developed

Bevier Coal: 535', missed sample

Croweburg Coal: 558', fair show, scattered popping

Fleming Coal: 589', fair-good show, steady popping in some samples

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29-22S-23E
SE SW SE

29-22-23E

Mineral A Coal: 600', fair-good show, as above

Mineral B Coal: 610', missed sample

Tebo A Coal: 629', fair show, trace popping

Tebo B Coal : 632, show as above

Weir-Pitt A Coal: 665', fair show, slow popping in some samples

685', went to water mist

Bluejacket Coal: 712', fair-good show, slow but steady popping

Bartlesville Sand: 722'-732', appears gassy on logs, but no reservoir pressure

Rowe Coal: 736, missed sample

Neutral A Coal: 756', fair show, slow popping on some samples

Neutral B Coal: 714', missed sample

Approx 760'-780', ss, vfg, drk gray, minor porosity, trace gas

Riverton Coal: 786', Fair-Good show, steady popping in some samples

Mississippian: top at 796', ls, med-drk brn mottled, slow bleeding med. Brn oil

T.D. 835'; circulated hole clean for 20 minutes

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