

11-23S-23E  
NW NE NW

**FORT SCOTT METHANE PARTNERS, LLC**  
**Geologist Report**

Well Name: Laughlin 17-12  
API Number: 15-107-23884-00-00  
Field Name: Wildcat  
Location: Sec. 17-23S-23E, 330' FNL, 1500' FWL, NW NE NW, Linn County,  
Kansas  
Total Depth: 835'  
Formation at Total Depth: Mississippian  
Target Formations: Cherokee Coals  
Ground Elevation: 1072'  
Spud Date: August 16, 2007  
Drilling Contractor: Mokat Drilling Inc.  
Type Equipment: Air Rotary Rig  
Surface Casing: 21' 8 5/8"  
Hole Size: 6 3/4"

8-15-07 Mark Beltz dug pit. DWC=400.

8-16-07 MIRU Mokat Drilling. Set 21' 8 5/8" surface csg, cement w/5 sx Portland  
cement. SDFN. DWC=800 TWC=1200

8-17-07 Safety meeting. Drilled to T.D. of 835'. RD Mokat. Set 21' 8 5/8"  
surface casing on Snyder 24-41. SDFN DWC=10,000 TWC=11,200

Mulberry Coal: 317', good show, steady popping common

Anna Shale: 355', black shale, fair-good show, scattered steady popping, a little  
fast popping

Oswego Lime: 396', ls, med gray, minor porosity, good oil odor 403'-408', fair to  
good oil and gas show, pretty tite

Little Osage Shale: 416', fair-good show, scattered popping

Excello Shale: 427', slight gas show

Squirrel Sand: Not developed

Bevier Coal: 509', fair show, scattered popping, coal looks a little shaley

Upper Croweburg Coal: 534', coal, thin

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Croweburg Coal: 540', fair show, scattered popping

Fleming Coal: 557', good show, steady popping common

Mineral Coal: 578', thin, good show, steady popping

Tebo Coal: 590', good show, steady popping common, some fast

Upper Bartlesville Sand: 618'-628', good porosity, ss, good oil odor, fair oil show

Weir-Pitt Coal: 650', fair show, very light and shiny, floats

Bluejacket A Coal: 675', thin, fair-good show, scattered popping common

Bluejacket B Coal: 697': fair show

Rowe A Coal: 714', good show, steady popping common, some fast

Rowe B Coal: 719', same as Rowe A

Neutral Coal: 735', did not get look at sample

Riverton Coal: 761', Good show, steady popping common

Mississippian: top at 768', ls, med brn, tite; chert, lt bluish white; light greenish gray shale at top

T.D. 835'

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