

FORT SCOTT METHANE PARTNERS, LLC
Geologist Report

Well Name: Linn-Lea 12-34
API Number: 15-107-23883-00-00
Field Name: Wildcat
Location: Sec. 12-23S-23E, 330' FSL, 2000' FEL, SW SW SE, Linn County,
Kansas
Total Depth: 510'
Formation at Total Depth: Mississippian
Target Formations: Cherokee Coals
Ground Elevation: 914'
Spud Date: August 15, 2007
Drilling Contractor: Mokat Drilling Inc.
Type Equipment: Air Rotary Rig
Surface Casing: 21' 8 5/8"
Hole Size: 6 3/4"

8-14-07 Mark Beltz dug pit. DWC=400.

8-15-07 MIRU Mokat Drilling. Set 21' 8 5/8" surface csg, cement w/5 sx Portland
cement. SDFN. DWC=800 TWC=1200

8-16-07 Safety meeting. Drilled to T.D. of 510'. RD Mokat. set 21' 8 5/8"
surface casing on Laughlin 17-12. SDFN DWC=10,000 TWC=11,200

Mulberry Coal: 64', poor show, some bubbles, no popping

Anna Shale: 104', black shale, slight gas show

Oswego Lime: 144', ls, med gray, good oil odor

Little Osage Shale: 162', black shale, poor gas show

Excello Shale: 172', poor gas show, picked up water

Squirrel Sand: Not well developed

Bevier Coal: 258', fair show, scattered popping

Croweburg Coal: 284', black shale, did not get coal; fair-good show in black
shale, scattered steady popping

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Fleming Coal: 307', fair-good show, steady popping on most cuttings

Tebo A Coal: 344': coal pulverized, fair show, scattered popping (if coal had not been pulverized to dust the sample show probably would have been better)

Tebo B Coal: 350', fair-good show, steady popping

Bartlesville Sand: 392'-398', vfg, med-dark brown, good oil show, bleeding med brown oil, some gas bubbles

Lower Bartlesville Sand: 445'-460', ss, litght gray, fg

Shale 460'-463'

T.D. 510'

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