

GEOLOGIC REPORT

LAYNE ENERGY

Smith 7-30

SW ¼, NE ¼, 1,951' FNL, 2,010' FEL

Section 30-T31S-R15E

MONTGOMERY COUNTY, KANSAS

Drilled: July 7 – 9, 2004

Logged: July 9, 2004

A.P.I.# 15-125-30546

Ground Elevation: 943'

Depth Driller: 1,495'

Depth Logger: 1,498'

Surface Casing: 8 5/8" @ 20'

Production Casing: 5 1/2" @ 1,491'

Cemented Job: Consolidated

Open Hole Logs: Compensated density neutron log, dual induction sfl/gr log

KCC

NOV 03 2004

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KANSAS CORPORATION COMMISSION

NOV 04 2004

CONSERVATION DIVISION
WICHITA, KS

FORMATION TOPS (in feet below ground surface)

Lansing Group Surface (Stoner Limestone Member)

Lenapah Lime 706

Altamont Lime 754

Mulberry Coal 895

Pawnee Lime 897

Anna Shale 921

First Oswego Lime 987

Little Osage Shale 1,019

Excello Shale 1,044

Mulky Coal 1,047

Iron Post Coal 1,072

"V" Shale 1,094

Croweburg Coal 1,095

Mineral Coal 1,138

Scammon Coal 1,153

Weir Pitt Coal 1,202

AW Coal 1,349

Riverton Coal 1,394

Mississippian 1,402

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