

GEOLOGIC REPORT

LAYNE ENERGY
Ratzlaff 7-10
SW NE, 2000 FNL, 2000 FEL
Section 10-T31S-R14E
Montgomery County, KS

RECEIVED
KANSAS CORPORATION COMMISSION

MAR 23 2006

CONSERVATION DIVISION
WICHITA, KS

Spud Date: 11/28/2005
Drilling Completed: 11/30/2005
Logged: 11/30/2005
A.P.I. #: 15-125-30900
Ground Elevation: 900'
Depth Driller: 1488'
Depth Logger: 1488'
Surface Casing: 8.625 inches at 20'
Production Casing: 4.5 inches at 1488'
Cemented Job: Consolidated
Open Hole Logs: Dual Induction SFL/GR, High Resolution
Compensated Density/Neutron

CONFIDENTIAL

MAR 22 2006

KCC

Formation

Tops (in feet below ground level)

Lansing Group Surface (South Bend Limestone Member)
Pawnee Limestone 898
Excello Shale 1,025
"V" Shale 1,091
Mineral Coal 1,133
Mississippian 1,389