

# GEOLOGIC REPORT

LAYNE ENERGY  
Tull 7-1  
SW NE, 1983 FNL, 2182 FEL  
Section 1-T31S-R13E  
Montgomery County, KS

Spud Date: 3/23/2006  
Drilling Completed: 3/27/2006  
Logged: 3/28/2006  
A.P.I. #: 15-125-30961  
Ground Elevation: 996'  
Depth Driller: 1520'  
Depth Logger: 1516'  
Surface Casing: 8.625 inches at 40'  
Production Casing: 4.5 inches at 1456'  
Cemented Job: Consolidated  
Open Hole Logs: Dual Induction SFL/GR, High Resolution  
Compensated Density/Neutron

## Formation

Douglas Group  
Pawnee Limestone  
Excello Shale  
"V" Shale  
Mineral Coal  
Mississippian

## Tops (in feet below ground level)

Surface (Robbins Shale Member)  
1051  
1,165  
1,233  
1,274  
1,475

**KCC**  
JUL 13 2006  
**CONFIDENTIAL**

RECEIVED  
KANSAS CORPORATION COMMISSION

APR 26 2007

CONSERVATION DIVISION  
WICHITA, KS