

15-125-31005

27-31S-16E

GEOLOGIC REPORT

LAYNE ENERGY
Gibson 13-27
SW SW, 667 FSL, 663 FWL
Section 27-T31S-R16E
Montgomery County, KS

KCC
JUL 18 2006
CONFIDENTIAL

Spud Date: 3/20/2006
Drilling Completed: 3/22/2006
Logged: 3/22/2006
A.P.I. #: 15-125-31005
Ground Elevation: 781'
Depth Driller: 1107'
Depth Logger: 1106'
Surface Casing: 8.625 inches at 42'
Production Casing: 4.5 inches at 1097.2'
Cemented Job: Consolidated
Open Hole Logs: Dual Induction SFL/GR, High Resolution
Compensated Density/Neutron

Formation

Kansas City Group
Pawnee Limestone
Excello Shale
"V" Shale
Mineral Coal
Mississippian

Tops (in feet below ground level)

Surface (Cherryvale Formation)
479
623
674
715
1,013

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JUL 19 2006
CONSERVATION DIVISION
WICHITA, KS