

GEOLOGIC REPORT

LAYNE ENERGY
Mick 3-2
NE NW, 377 FNL, 1635 FWL
Section 2-T31S-R16E
Montgomery County, KS

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Spud Date: 4/14/2006
Drilling Completed: 4/20/2006
Logged: 4/20/2006
A.P.I. #: 1512531026
Ground Elevation: 853'
Depth Driller: 1100'
Depth Logger: 1105'
Surface Casing: 8.625 inches at 21'
Production Casing: 4.5 inches at 1090.6'
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 (Chanute Shale)
521
652
705
748
1,055

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Operator Name: Layne Energy Operating, LLC.
Lease Name: Mick 3-2
Sec. 2 Twp. 31S Rng. 16E, Montgomery County
API: 15-125-31026

Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
4	821.5-822.5, 747.5-749, 706-709	Tebo, Mineral, Croweburg-4100# 20/40 sand, 550 gal 15% HCl acid, 386 bbls wtr	706-822.5
4	684-686.5, 652-658.5, 631.5-637.5	Bevier, Mulky, Summit-7100# 20/40 sand, 1500 gal 15% HCl acid, 564 bbls wtr	631.5-686.5

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