

CONFIDENTIAL

GEOLOGIC REPORT

LAYNE ENERGY

Eytcheson 14-9

SE ¼, SW ¼, 990' FSL, 2,000' FWL

Section 9-T33S-R16E

MONTGOMERY COUNTY, KANSAS

KCC

SEP 27 2005

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Drilled: June 6-7, 2005

Logged: June 8, 2005

A.P.I.# 15-125-30770

Ground Elevation: 825'

Depth Driller: 1,239'

Depth Logger: 1,240'

Surface Casing: 8 5/8" @ 40'

Production Casing: 4 1/2" @ 1,235'

Cemented Job: Consolidated

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

FORMATION.....TOPS (in feet below ground surface)

Kansas City Group.....Surface (Noxie Sandstone)

Lenapah Lime.....334

Altamont Lime.....386

Weiser Sand.....435

Pawnee Lime.....538

Anna Shale.....571

First Oswego Lime.....641

Little Osage Shale.....680

Excello Shale.....710

Iron Post Coal.....735

Bevier Coal.....741

"V" Shale.....759

Croweburg Coal.....761

Mineral Coal.....804

Weir Pitt Coal.....902

AW Coal.....1,068

Riverton Coal.....1,126

Mississippian.....1,141

RECEIVED
KANSAS GEOLOGICAL SURVEY
SEP 27 2005

ONE EYTCHESON
MONTGOMERY
COUNTY, KANSAS

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Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Eytcheson 14-9		
	Sec. 9 Twp. 33S Rng. 16E, Montgomery County		
API:	15-125-30770		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
4	1125.5-1128, 1067.5-1068.5, 902-906.5	Riverton, Rowe, Weir - 2,900# 20/40 sand, 1,800 15% HCl acid, 320 bbls wtr	902-1128
4	804-805.5, 760-762, 735-736, 709.5-714, 680-682.5	Mineral, Croweberg, Ironpost, Mulkey, Summit - 4,300# 20/40 sand, 1,300 15% HCl acid, 530 bbls wtr	680-805.5

KANSAS DEPARTMENT OF REVENUE

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