



MIDWEST SURVEYS
LOGGING - PERFORATING - CONSULTING SERVICES
P.O. Box 68, Osawatomie, KS 66064
913 / 755 - 2128

GAMMA RAY / NEUTRON / CCL

File No.

Company **TNT Energy, LLC**

Well **Patterson No. 1-2**

Field **Paola - Rantoul**

County **Franklin** State **Kansas**

Location **3005' FSL & 2235' FEL**

NE-SW-SW-NE

Other Services

Perforate

Sec. 32 Twp. 15s Rge. 21e

Permanent Datum GL Elevation NA

Log Measured From GL

Drilling Measured From GL

K.B. NA
D.F. NA
G.L. NA

Date 11-26-2013

Run Number One

Depth Driller 800.0

Depth Logger 773.8

Bottom Logged Interval 772.8

Top Log Interval 20.0

Fluid Level Full

Type Fluid Water

Density / Viscosity NA

Salinity - PPM Cl NA

Max. Recorded Temp NA

Estimated Cement Top 0.0

Equipment No. 107

Location Osawatimie

Recorded By Steve Windisch

Witnessed By Mic Town

BORE-HOLE RECORD

TO SIZE VOCI FROM

NO. BIT FROM TO

One 9.875" 20.0 7.00" 17.0# 0.0 20.0

Two 5.625" 20.0 2.675" 6.5# 0.0 779.0

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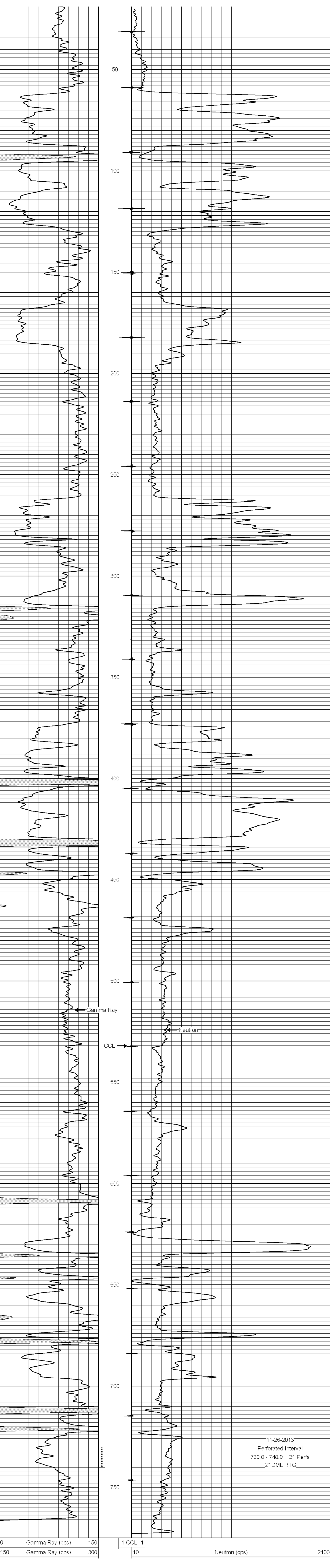
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

Drilling Contractor :
JTC Oil, Inc

Database File: patterson2i.db
Dataset Pathname: pass1
Presentation Format: gr-n-ccl
Dataset Creation: Tue Nov 26 10:06:40 2013 by Log SCH 111116
Charted by: Depth in Feet scaled 1:240

Gamma Ray (cps) 0 150
Neutron (cps) 10 2100
-1 CCL 1



11-26-2013
Perforated Interval
730.0 - 740.0 21 Perfs
2" DML RTG

Gamma Ray (cps) 0 150
Neutron (cps) 10 2100
-1 CCL 1