



MIDWEST SURVEYS
LOGGING - PERFORATING - CONSULTING SERVICES
P.O. Box 68, Osawatomie, KS 66064
913.755.2128

GAMMA RAY / NEUTRON / CCL

File No.

Company **Butler Petroleum, LLC.**

Well **Rankin No.- 31**

Field **Gardner**

County **Johnson** State **Kansas**

Location **165' FSL & 165' FWL
SW-SW-SW-SW**

Other Services

Perforate

Sec. 9 Twp. 14S Rge. 22E

Permanent Datum GL Elevation 988'

Log Measured From GL

Drilling Measured From GL

Elevation
K.B. NA
D.F. NA
G.L. 988'

Date

09-20-2013

Run Number

One

Depth Driller

910.0

Depth Logger

887.5

Bottom Logged Interval

886.5

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.

102

Recorded By

Osawatomie

Witnessed By

Gary Windisch

BORE-HOLE RECORD

Brandon Parks

NO. BIT

FROM

TO

SIZE

WGT.

FROM

TO

One

12.25"

0.0

8.625"

28.0#

0.0

21.0

Two

6.75"

21.0

910.0

4.50"

10.5#

0.0

893.0

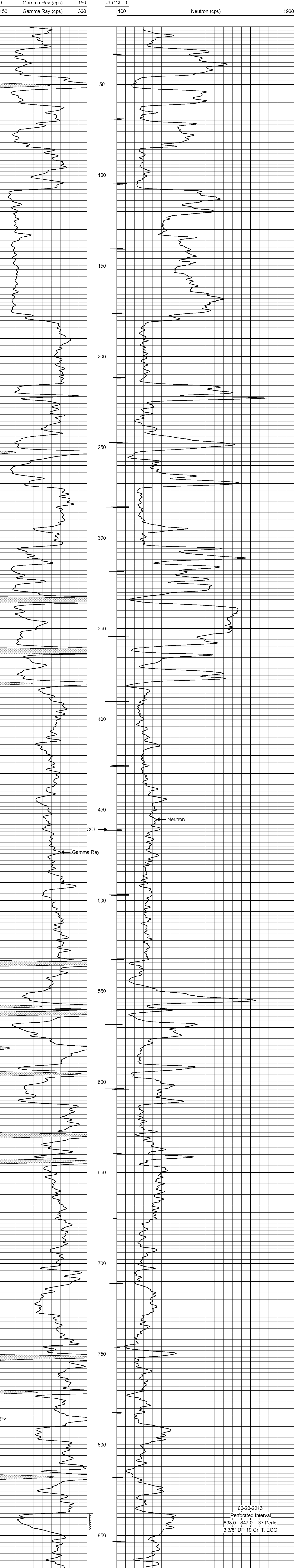
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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on 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 :
Evans Energy & Development, Inc.

Database File: rankin31.db
Dataset Pathname: pass1
Presentation Format: gr-n-ccl
Dataset Creation: Thu Jun 20 13:00:21 2013 by Log SCH 111116
Charted by: Depth in Feet scaled 1:240



06-20-2013
Perforated Interval
838.0 - 847.0 37 Perfs.
3 3/8" DP 19 Gr. T. ECG