



MIDWEST SURVEYS
 LOGGING - PERFORATING - CONSULTING SERVICES
 P.O. Box 68, Ocala, Florida, KS 68064
 913.755.2128

GAMMA RAY / NEUTRON / CCL

File No. _____
 Company Hughes Drilling Company

Well Braun No. 21-1

Field Longatecker Southeast

County Johnson State Kansas

Location 2840' FSL & 2120' FEL
 SE-SW-SW-NE

Other Services Perforate

Sec. 36 Typ. 14s Rge. 21e Elev. 1002'
 Permanent Datum GL
 Log Measured From GL
 Drilling Measured From GL

Date 09-28-2014

Run Number One
 Depth Driller 920.0
 Depth Logger 879.2

Bottom Logged Interval 878.2
 Top Log Interval 20.0

Fluid Level Fall

Type Fluid Water

Density / Viscosity NA
 Salinity - PPM Cl NA

Max. Recorded Temp NA
 Estimated Cement Top NA

Equipment No. 107 Location Osawatomie

Recorded By Steve Winkler

Missed By Clay Hughes

BOREHOLE RECORD		CASING RECORD		TO
NO.	BIT	TO	WGT.	FROM
One	9.875"	0.0	17.0 #	0.0
Two	5.525"	35.0	2.875"	6.5 #
			Set	At
				883.10

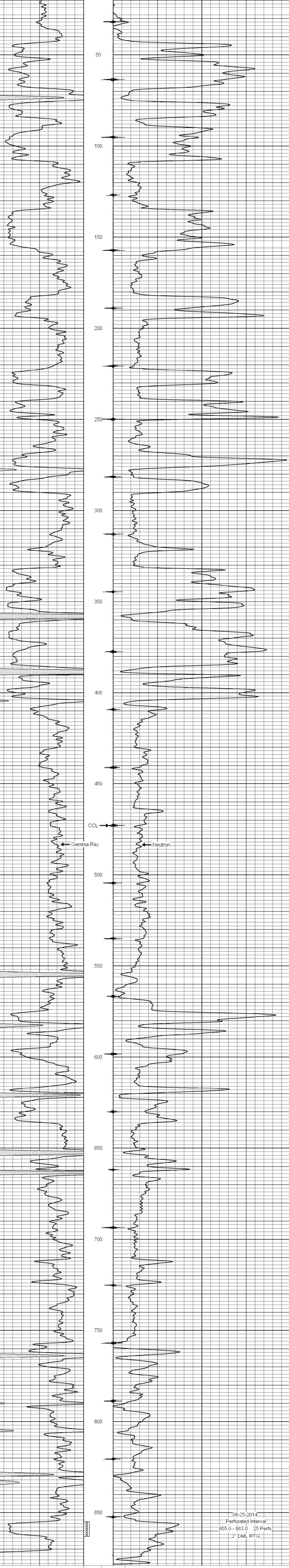
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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on 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 :
 Hughes Drilling Company

Database File: braun 21i.db
 Dataset Pathname: pass1
 Presentation Format: gr-n-ccl
 Dataset Creation: Thu Aug 28 10:17:20 2014 by Log SCH 111116
 Charted by: Depth in Feet scaled 1:240



08-25-2014
 Perforated Interval
 855.0 - 863.0 25 Perfs
 2" DML RTG