



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

GAMMA RAY / NEUTRON / CCL

File No.

Company: **HB Energy, LLC.**

Well: **Schultz No. HB-7**

Field: **Vinland East**

County: **Douglas** State: **Kansas**

Location: **165 FSL & 1800 FEL**

Other Services: **Perforate**

Sec. 13 Permian Datum Log Measured From Drilling Measured From

Typ. 148 Rge. 20e Elevation 960'

KB NA DF NA G.L. 960'

Date: 03-30-2015

Run Number: One

Depth Diller: 838.0

Depth Logger: 788.3

Bottom Logged Interval: 785.3

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 Location: Osawatimie

Recorded By: Gary Windisch

Witnessed By: Clay Hughes

BORE-HOLE RECORD				CASING RECORD			
RUN No.	BIT	FROM	TO	SIZE	WGT.	FROM	TO
One	11.00"	0.0	44.0	7.00"	17.0 #	0.0	44.0
Two	5.625"	44.0	838.0	2.875"	6.5 #	0.0	825.0
				Bitfile	Set	AI	796.0

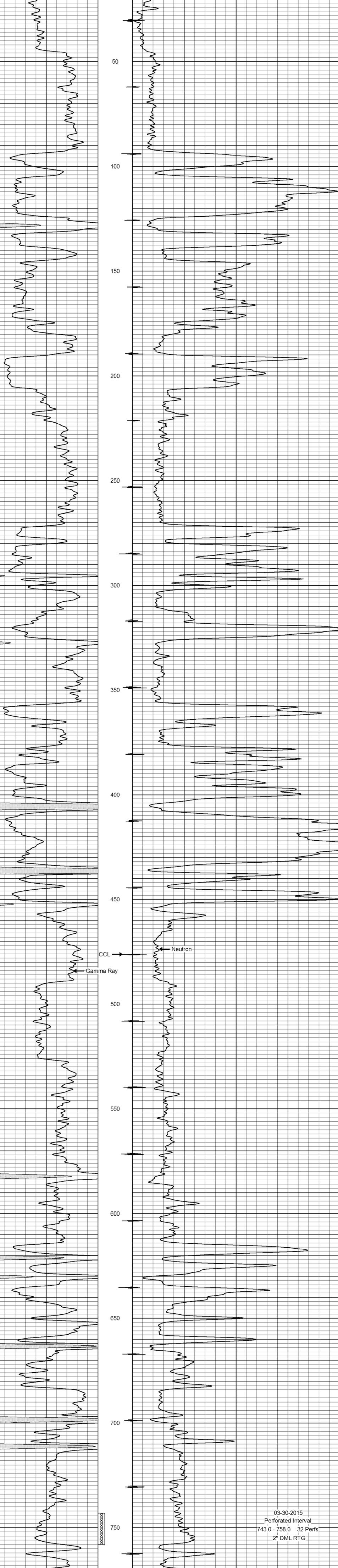
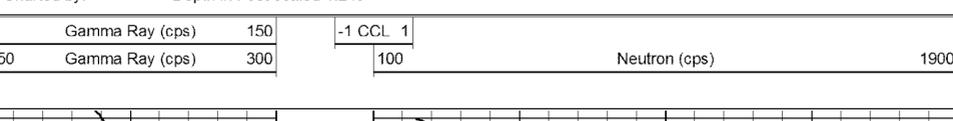
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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on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

Database File: schultz 7hb.db
 Dataset Pathname: pass1
 Presentation Format: gr-n-ccl
 Dataset Creation: Mon Mar 30 12:38:17 2015 by Log SCH 111116
 Charted by: Depth in Feet scaled 1:240



03-30-2015
 Perforated Interval
 743.0 - 758.0 32 Perfs
 2" DML RTG

