



MIDWEST SURVEYS

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

GAMMA RAY / NEUTRON / CCL

File No.

API # 15-059-25,706

Company Haas Petroleum, LLC.

Well Deters No. 8-HP

Field Paola / Rantoul

County Franklin State Kansas

Location

4785' FSL & 165' FEL
SE-NE-NE-NE

Other Services

Perforate

Sec. 7 Twp. 16s Rge. 21e

Elevation

Permanent Datum GL Elevation NA

K.B. NA

Log Measured From GL

D.F. NA

Drilling Measured From GL

G.L. NA

Date	4-17-2012		
Run Number	One		
Depth Driller	755.0		
Depth Logger	747.5		
Bottom Logged Interval	746.5		
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.	Location	104	Osawatomie
Recorded By	Gary Windisch		
Witnessed By	John Haas		

BORE-HOLE RECORD				CASING RECORD			
RUN	BIT	FROM	TO	SIZE	WGT.	FROM	TO
One	9.875"	0.0	20.0	7.00"		0.0	20.0
Two	5.625"	20.0	755.0	2.875"		0.0	748.0

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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.

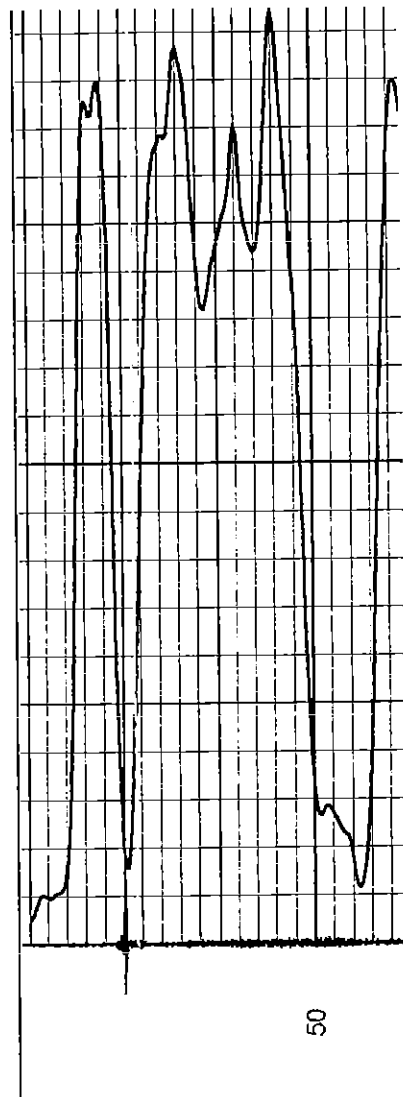
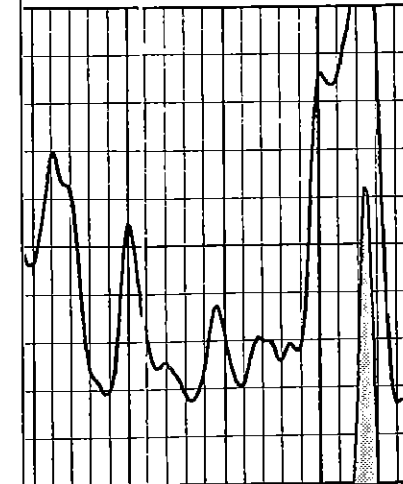
Comments

Drilling Contractor :
Haas Petroleum, LLC.

Database File: deters8hp.db
Dataset Pathname: pass1
Presentation Format: gr-n-ccl
Dataset Creation: Tue Apr 17 14:24:16 2012 by Log SCH 111116
Charted by: Depth in Feet scaled 1:240

0 Gamma Ray (cps) 150

100 Neutron (cps) 180



50

