



# MIDWEST SURVEYS

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

## GAMMA RAY / NEUTRON / CCL

File No.

API # 15-121-29,417

Company **Haas Petroleum, LLC.**  
Well **North Cone No. 18-HP**  
Field **Paola / Rantoul**  
County **Miami** State **Kansas**

Location **520' FSL & 170' FEL**  
**NE-SE-SE-SE**  
Other Services  
**Perforate**  
Sec. **11** Twp. **16s** Rge. **21e**  
Elevation  
Permanent Datum **GL** Elevation **NA**  
Log Measured From **GL**  
Drilling Measured From **GL**  
K.B. **NA**  
D.F. **NA**  
G.L. **NA**

Date	01-31-2013		
Run Number	One		
Depth Driller	735.0		
Depth Logger	717.0		
Bottom Logged Interval	716.0		
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 No.	BIT	FROM	TO	SIZE	WGT.	FROM	TO
One	9.875"	00	20.0	7.00"	17.0#	0.0	20.0
Two	6.25"	20.0	735.0	2.875"	6.5#	0.0	725.0

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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 :  
Sky Drilling

Database File: cone18hpn.db  
Dataset Pathname: pass1  
Presentation Format: gr-n-cci  
Dataset Creation: Thu Jan 31 11:34:48 2013 by Log SCH 111116  
Charted by: Depth in Feet scaled 1:240

0 150 100 1800  
Gamma Ray (cps) Neutron (cps)







