



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

GAMMA RAY / NEUTRON / CCL

File No.

API # 15-003-25,890

Company **Haas Petroleum, LLC.**
 Well **Zastrow No. 22-HP**
 Field **Garnett Shoestring**
 County **Anderson** State **Kansas**

Location		Other Services	
1145' FNL & 135' FWL SW-SW-NW-NW		Perforate	
Sec. 13	Twp. 20s	Rge. 20e	Elevation
Permanent Datum	GL	Elevation	932'
Log Measured From	GL	K.B.	NA
Drilling Measured From	GL	D.F.	NA
		G.L.	932'

Date	08-01-2013
Run Number	One
Depth Driller	800.0
Depth Logger	779.5
Bottom Logged Interval	778.5
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
102	Osawatomie
Recorded By	Gary Windisch
Witnessed By	John Haas

RUN	BORE-HOLE RECORD			CASING RECORD				
	No.	BIT	FROM	TO	SIZE	WGT.	FROM	TO
One	9.875"	0.0	20.0	7.00"	17.0 #	0.0	20.0	
Two	5.625"	20.0	800.0	2.875"	6.5 #	0.0	780.0	

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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 :
 Town Oilfield Services, Inc.

Database File: zastrow22hp.db
 Dataset Pathname: pass1
 Presentation Format: gr-n-cci
 Dataset Creation: Thu Aug 01 09:36:46 2013 by Log SCH 111116
 Charted by: Depth in Feet scaled 1:240

0	Gamma Ray (cps)	150	-1 CCL 1	100	Neutron (cps)	190
150	Gamma Ray (cps)	300				







