



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

GAMMA RAY / NEUTRON / CCL

File No.

API # 15-003-25,888

Company **Haas Petroleum, LLC**
Well **Zastrow No. 5i-HP**
Field **Garnett Shoestring**
County **Anderson** State **Kansas**

Location

635' FNL & 550' FWL
SE-NW-NW-NW

Other Services

Perforate

Sec. **13** Twp. **20s** Rge. **20e**

Elevation

Permanent Datum GL Elevation NA

Log Measured From GL

K.B. NA
D.F. NA
G.L. NA

Drilling Measured From GL

Date	09-23-2013				
Run Number	One				
Depth Driller	800.0				
Depth Logger	747.0				
Bottom Logged Interval	746.0				
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	107	Osawatomie		
Recorded By	Steve Windisch				
Witnessed By	John Haas				

RUN	BORE-HOLE RECORD			CASING RECORD			
No.	BIT	FROM	TO	SIZE	WGT.	FROM	TO
One	9.875"	0.0	21.0	7.00"	17.0 #	0.0	21.0
Two	5.625"	21.0	800.0	2.875"	6.5 #	0.0	749.0

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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: zastrow5ihp.db

Dataset Pathname: pass1

Presentation Format: gr-n-ccl

Dataset Creation: Mon Sep 23 10:00:40 2013 by Log SCH 111116

Charted by: Depth in Feet scaled 1:240

-1 CCL 1

10

150

Gamma Ray (cps)

300

Gamma Ray (cps)

Neutron (cps)

2100







