



MIDWEST SURVEYS
 LOGGING - PERFORMING - CONSULTING SERVICES
 P.O. Box 68, Osawatomie, KS 66064
 913.755.2128

GAMMA RAY / NEUTRON / CCL

File No: **Company** Haas Petroleum, LLC
Well Arnold No. 14-HP
Field Winterscheid
County Woodson **State** Kansas
Location 2240' FNL & 950' FEL
Other Services

AP # 15-207-28-480
Sec. 35 **Typ. 23s** **Rate 14e** **Elevation 1113'**
Segment Datum **GL** **GL 1120'**
Log Measured From **KB 7' from GL** **GL NA**
Drilling Measured From **KB 7' from GL** **GL NA**
03-10-2013 **CHE**

Date: **Run Number** 1725.0
Depth Logger 1679.2
Bottom Logged Interval 2300.0
Top Logged Interval 2300.0
Fluid Level Well

Type Fluid Water
Density / Viscosity NA NA
Sampl. / PPH C NA NA
Max. Record Temp NA NA
Estimated Cement Top 0.0
Equipment No. 107 **Cartridge**
Recorded by Steve Winterscheid
Witnessed By Mark Haas

BOREHOLE RECORD		CASINGS RECORD		TO	
NO.	BIT	FROM	TO	NO.	FROM
12.25'	12.25'	0.0	40.0	83.05'	0.0
6.75'	6.75'	40.0	1725.0	4.30'	10.5'
					0.0
					1683.0

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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 :
 Skyy Drilling, LLC
 Rig # 1

Database File: arnold14hp.db
 Dataset Pathname: pass1
 Presentation Format: gr-n-ccl
 Dataset Creation: Thu Sep 19 12:11:08 2013 by Log SCH 111116
 Charted by: Depth in Feet scaled 1.240

