



MIDWEST SURVEYS

LOGGING - PERFORATING - CONSULTING SERVICES

P.O. Box 68, Osawatomie, KS 66064

913 / 755 - 2128

GAMMA RAY / NEUTRON / CCL

File No.

API # 15-207-28,510

Company Hass Petroleum, LLC

Well Haas No. 20-HP

Field Winterscheid

County Woodson State Kansas

Location 80' FNL & 80' FWL
NW-NW-NW-NW

Other Services

Perforate

Sec. 26 Twp. 23S Rge. 14e
Permanent Datum GL Elevation 1085'
Log Measured From GL
Drilling Measured From KB 4' from GL

Elevation

K.B. 1089'
D.F. NA
G.L. 1085'

Date	05-15-2013		
Run Number	One		
Depth Driller	1725.0		
Depth Logger	1711.2		
Bottom Logged Interval	1710.2		
Top Log Interval	200.0		
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	Mark Haas		

RUN				BORE-HOLE RECORD				CASING RECORD			
No.	BIT	FROM	TO	SIZE	WGT.	FROM	TO				
One	12.25"	0.0	40.0	8.625"	22.0 #	0.0	40.0				
Two	6.75"	40.0	1725.0	4.50"	10.5 #	0.0	1718.0				

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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 # 4

Database File: haas20hp.db
Dataset Pathname: pass1
Presentation Format: gr-n-ccl
Dataset Creation: Wed May 15 11:25:53 2013 by Log SCH 111116
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray (cps)	150	-1 CCL 1	Neutron (cps)	210
150	Gamma Ray (cps)	300	10		













