



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

GAMMA RAY / NEUTRON / CCL

File No.

API # 15-121-29,203

Company **Central States Energy, LLC**
Well **Schulties No. 2-12**
Field **Louisburg**
County **Miami** State **Kansas**

Location **4165' FSL & 3100' FEL
SW-SE-NE-NW**

Other Services

Sec. **34** Twp. **16s** Rge. **25e** Elevation
Permanent Datum **GL** Elevation **1036'**
Log Measured From **GL**
Drilling Measured From **GL**

K.B. NA
D.F. NA
G.L. 1036'

Date	10-08-2012
Run Number	One
Depth Driller	405.0
Depth Logger	377.5
Bottom Logged Interval	376.5
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
107	Osawatomie
Recorded By	Steve Windisch
Witnessed By	Jeff Taylor

BORE-HOLE RECORD				CASING RECORD			
RUN	BIT	FROM	TO	SIZE	WGT.	FROM	TO
No.							
One	9.875"	0.0	20.0	7.00"		0.0	20.0
Two	5.75"	20.0	405.0	2.875"		0.0	380.0

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 :
Central States Energy, LLC

Database File: schulties2.db
Dataset Pathname: pass1
Presentation Format: gr-n-od
Dataset Creation: Mon Oct 08 10:16:33 2012 by Log SCH 111116
Charted by: Depth in Feet scaled 1:240

Gamma Ray (cps)

100

150

Neutron (cps)

1900

Database File: schulties2.db
Dataset Pathname: pass1
Presentation Format: gr-n-ccl
Dataset Creation: Mon Oct 08 10:16:33 2012 by Log SCH 111116
Charted by: Depth in Feet scaled 1:240

0 Gamma Ray (cps) 150 100 Neutron (cps) 1900



