



MIDWEST SURVEYS

LOGGING - PERFORATING - CONSULTING SERVICES

P.O. Box 68, Osawatomie, KS 66064

913 / 755 - 2128

GAMMA RAY / NEUTRON / CCL

File No.

API # 15-121-28,918

Company Central States Energy, LLC.

Well Criswell No.- 11

Field Louisburg

County Miami State Kansas

Location 1420' FNL & 2805' FWL
NE-NW-SW-NE Other Services
Perforate

Sec. 34 Twp 16s Rge 25e Elevation

Permanent Datum GL Elevation NA
Log Measured From GL
Drilling Measured From GL
K.B. NA
D.F. NA
G.L. NA

Date	05-10-2012		
Run Number	One		
Depth Driller	382.0		
Depth Logger	371.0		
Bottom Logged Interval	370.0		
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	104	Osawatomie
Recorded By	Gary Windisch		
Witnessed By	Jeff Taylor		

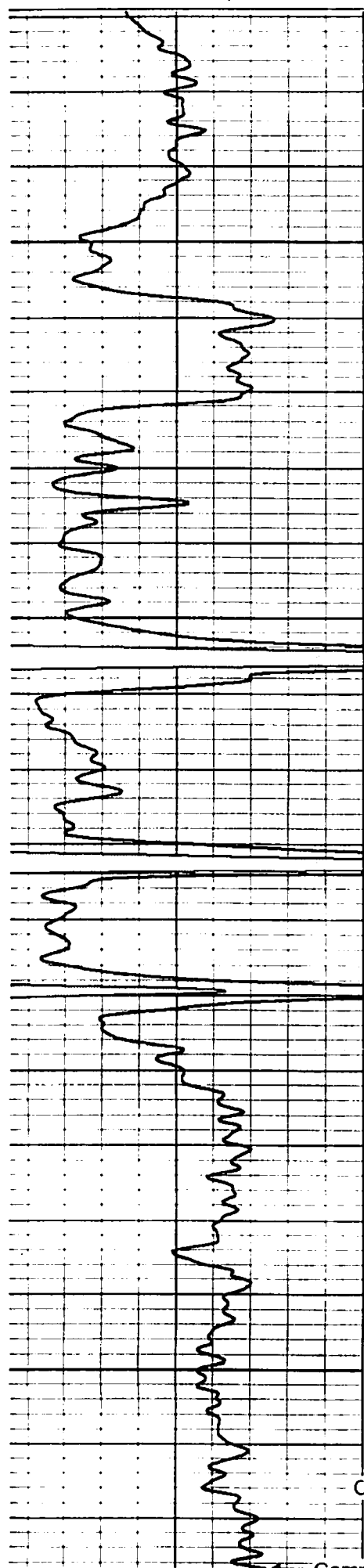
BORE-HOLE RECORD				CASING RECORD			
RUN							
No.	BIT	FROM	TO	SIZE	WGT.	FROM	TO
One	9.875"	0.0	24.0	7.00"		0.0	24.0
Two	5.625"	24.0	382.0	2.875"		0.0	372.0

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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 :
Central States Energy, LLC.



50

100

150

200

CCL →

Neutron

