



MIDWEST SURVEYS
LOGGING - PERFORATING - CONSULTING SERVICES
P.O. Box 68, Osawatomie, KS 66864
913 / 755 - 2128

GAMMA RAY / NEUTRON / CCL

File No.

API # 15-121-28,917

Company Central States Energy, LLC.

Well Criswell No.- 10

Field Louisburg

County Miami State Kansas

Location

1090' FNL & 2805' FWL
NE-NW-SW-NE

Other Services

Perforate

Sec. 34

Twp. 16S

Rge. 25E

Elevation

Permanent Datum

GL

Elevation NA

K.B. NA

Log Measured From

GL

D.F. NA

Drilling Measured From

GL

G.L. NA

Date	05-10-2012		
Run Number	One		
Depth Driller	370.0		
Depth Logger	341.5		
Bottom Logged Interval	340.5		
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	104	Osawatomie
Recorded By	Gary Windisch		
Witnessed By	Jeff Taylor		

BORE-HOLE RECORD				CASING RECORD			
RUN	BIT	FROM	TO	SIZE	WGT.	FROM	TO
No.							
One	9.875"	0.0	25.0	7.00"		0.0	25.0
Two	5.625"	25.0	370.0	2.875"		0.0	342.9

<<< Fold Here >>>

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, suits, 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.

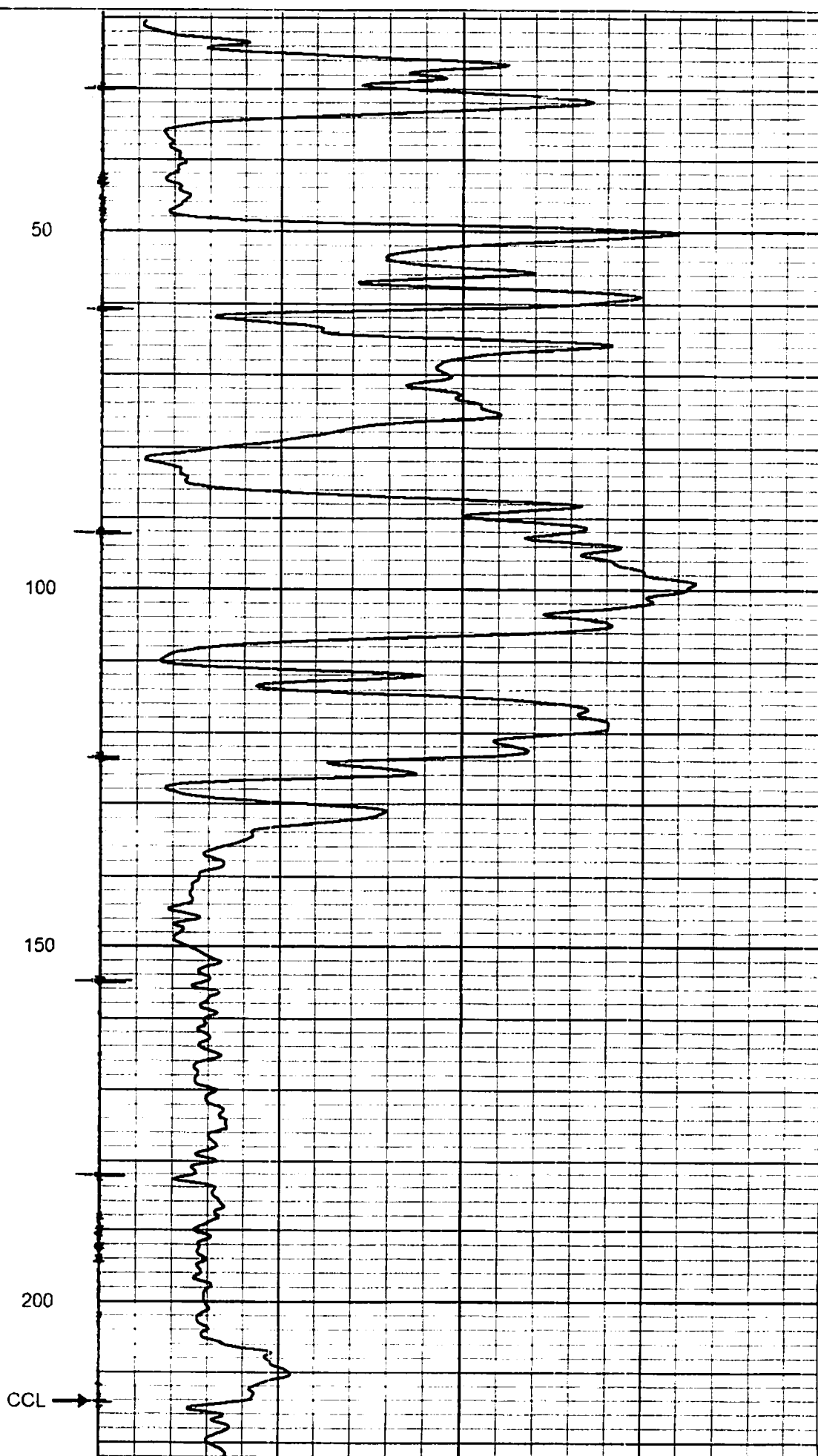
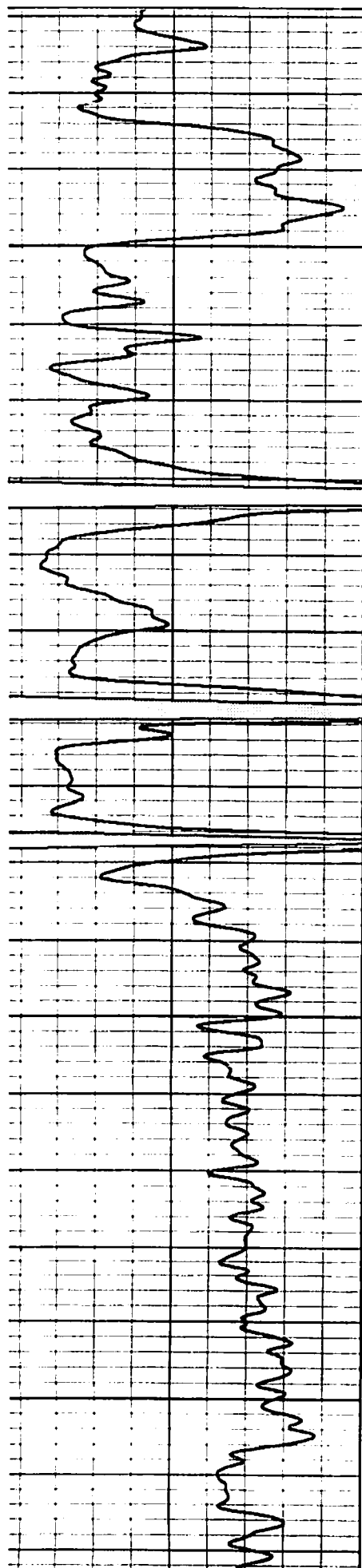
Gamma Ray (cps)

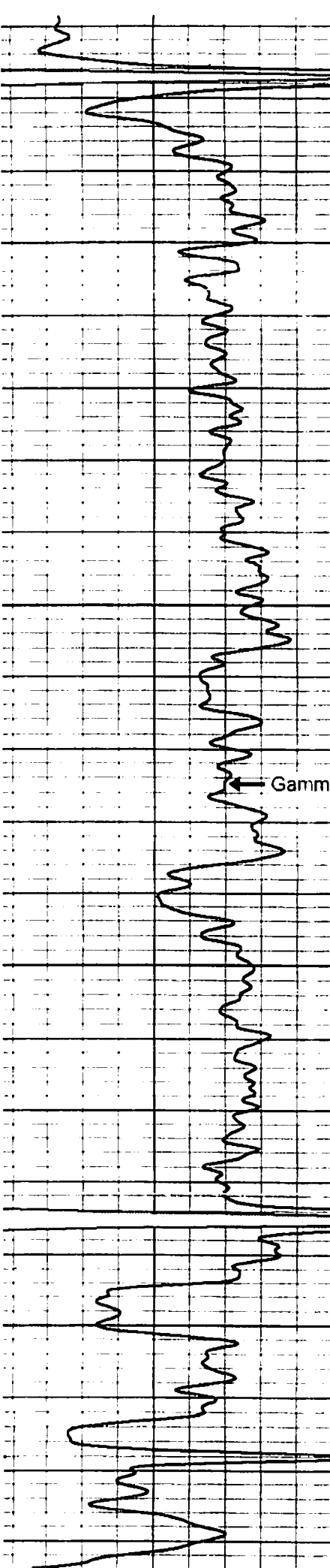
150

100

Neutron (cps)

1800





Gamma Ray



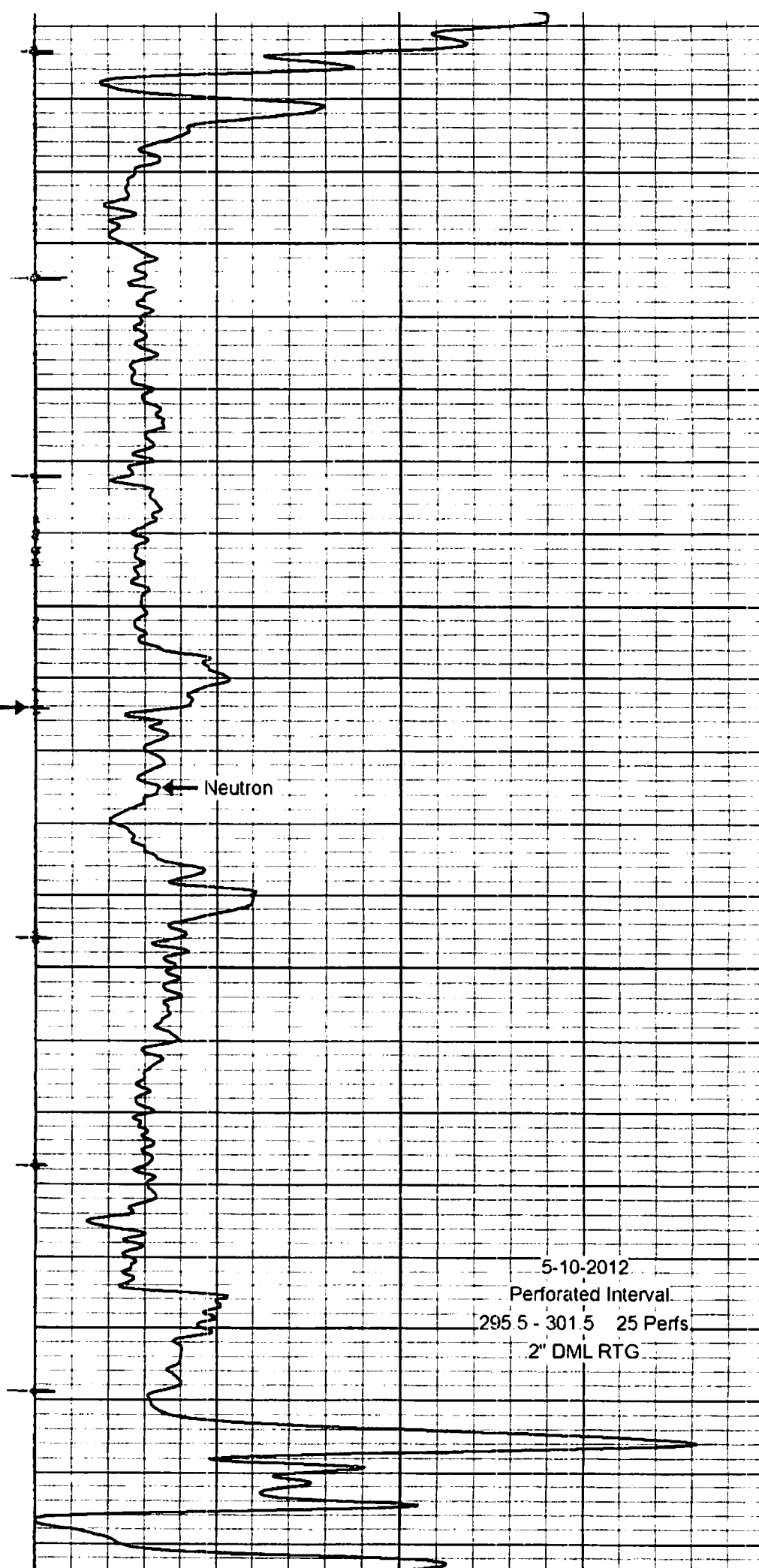
CCL →

150

200

250

300



Neutron

5-10-2012
Perforated Interval
295.5 - 301.5 25 Perfs
2" DML RTG