037-20785

MIDWEST SURVEYS

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

GAMMA RAY / NEUTRON / CCL

File No.

Permit # 20,785

Company Osborn Energy, LLC

Well Osborn No. 51-17

Field

County Cass State Missouri

Location

2475' FNL & 710' FEL
NE/4

Sec. 17 Twp. 43n Rge. 33w

Other Services

Perforate

Permanent Datum	GL	Elevation	NA
Log Measured From	GL		
Drilling Measured From	GL		

Elevation

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

ate		6-05-2007		
un Number		One		
epth Driller		543.0		
epth Logger		481.9		
ottom Logged Interval		479.9		
op Log Interval		20.0		
uid Level		Full		
ype Fluid		Water		
ensity / Viscosity		NA		
alinity - PPM Cl		NA		
ax Recorded Temp		NA		
stimated Cement Top		0.0		
uipment No.	Location	104	Osawatomie	
ecorded By		Steve Windisch		
itnessed By		Meredith Pearce		

RUN	BORE-HOLE RECORD			CASING RECORD			
No	BIT	FROM	TO	SIZE	WGT.	FROM	TO
One	9.875"	0.0	20.0	7.0"		0.0	20.0
Two	6.25"	20.0	543.0	2 7/8"		0.0	483.0

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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 :
Osborn Energy LLC

RECEIVED
FEB 13 2009
Mo Oil & Gas Council

Database File: osbnfdb

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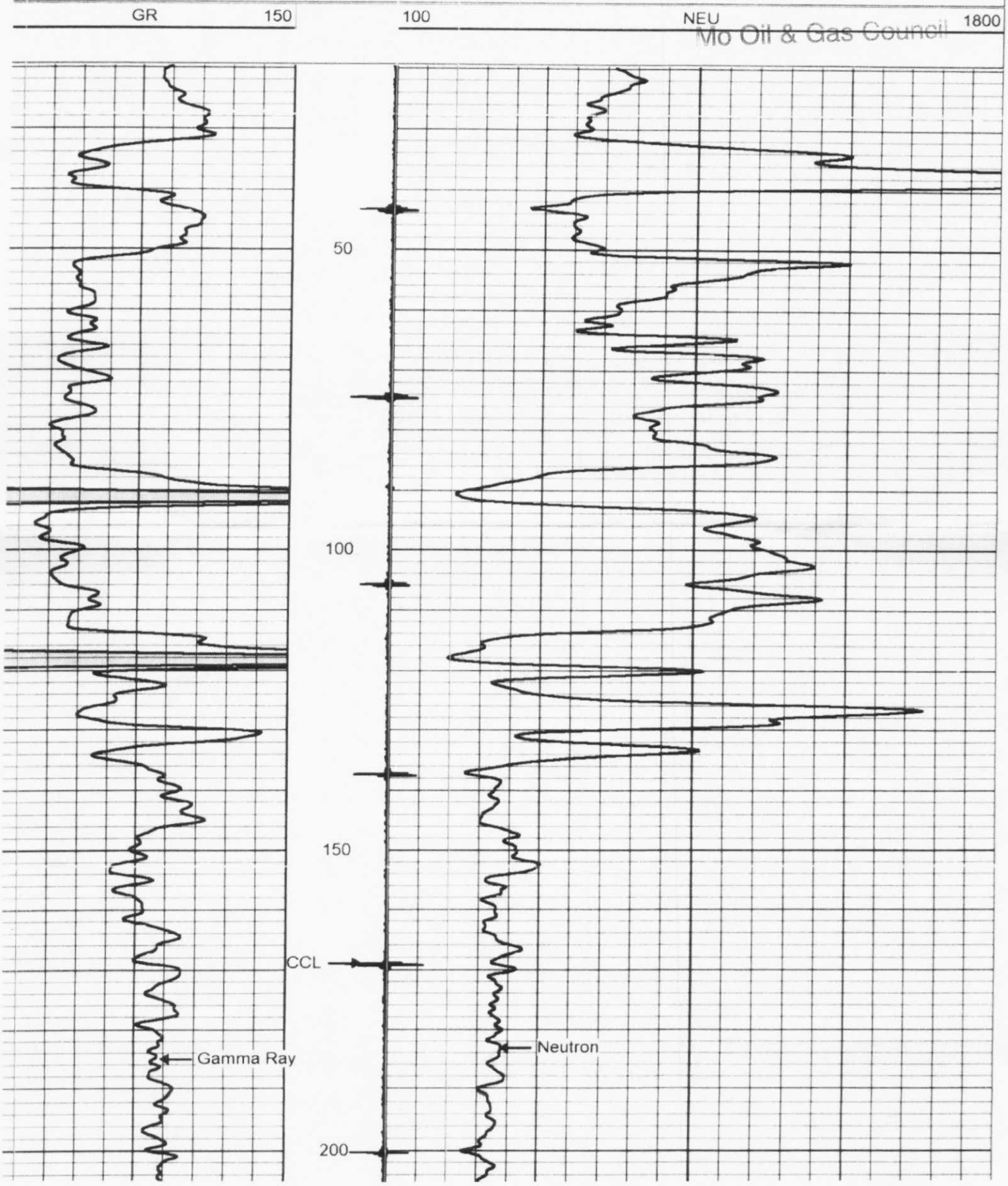
Database File: osbn51.db
Dataset Pathname: pass1
Presentation Format: gr-n-ccl
Dataset Creation: Tue Jun 05 08:58:55 2007 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240

RECEIVED
FEB 13 2009
Mo Oil & Gas Council



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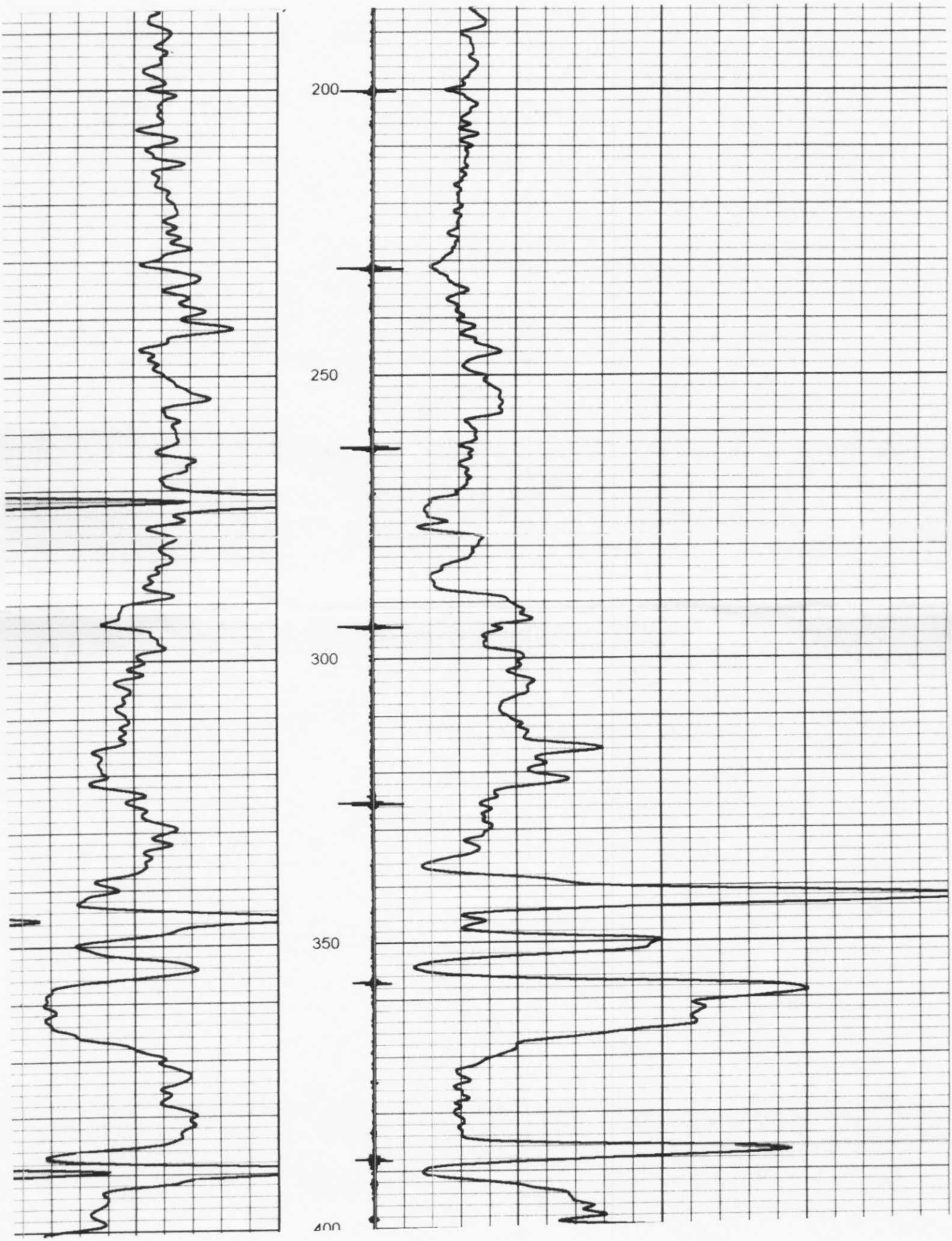

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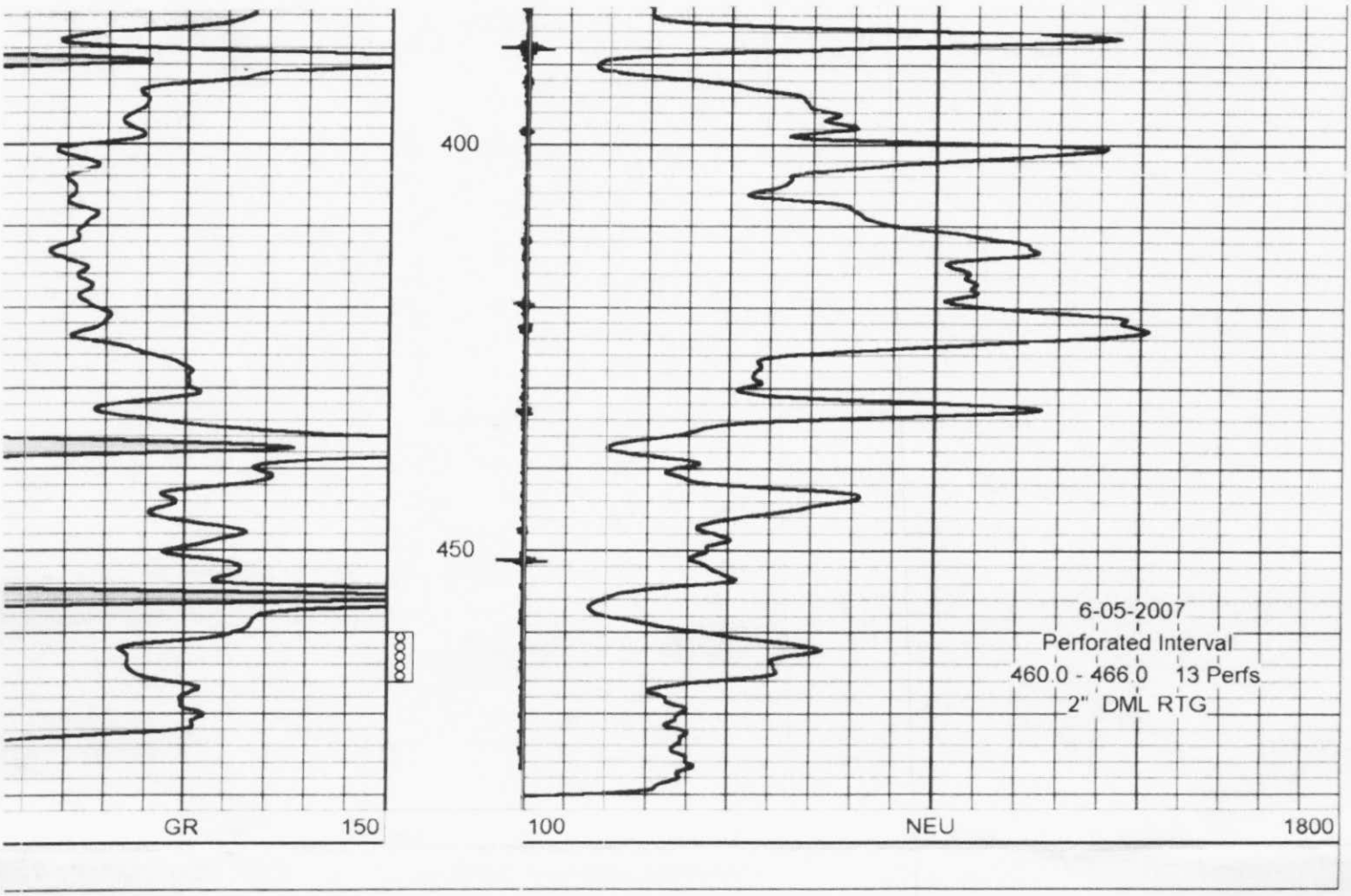
400
450
GR
150
100
NEU
1800
6-05-2007
Perforated Interval
460.0 - 466.0 13 Perfs
2" DML RTG