037-20776

MIDWEST SURVEYS

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

GAMMA RAY / NEUTRON / CCL

File No.

Permit # 20,776

Company Osborn Energy, LLC

Well Osborn No. 54-16

Field

County Cass State Missouri

Location
2475' FNL & 330' FWL
NW/4

Sec. 16 Twp. 43n Rge. 33w

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

Other Services
Perforate

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

Date		1-10-2007					
Run Number		One					
Depth Driller		518.0					
Depth Logger		499.3					
Bottom Logged Interval		497.3					
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		Steve Windisch					
Witnessed 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	518.0	2 7/8"		0.0	501.0

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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

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Drilling Contractor :
Osborn Energy LLC

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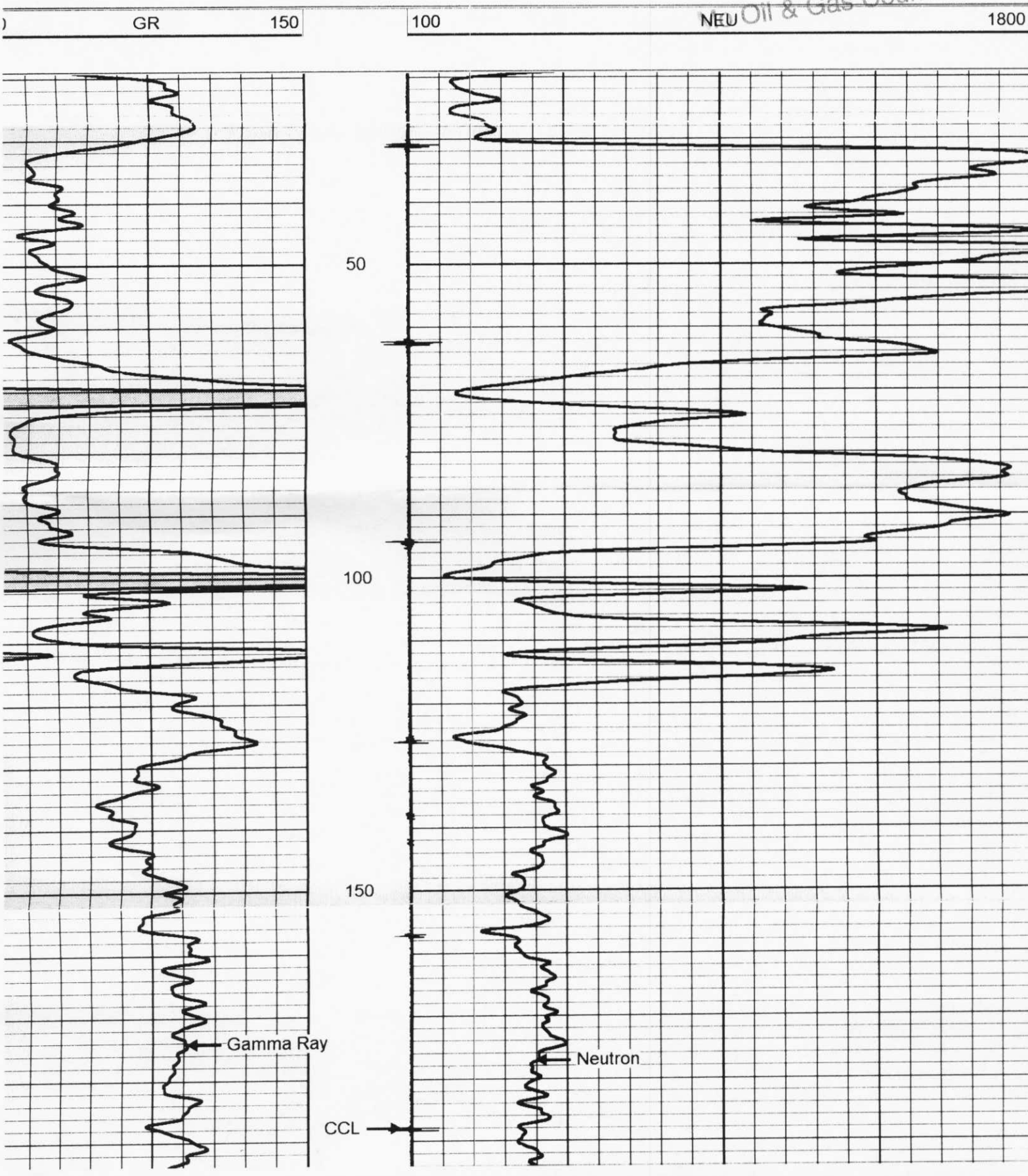
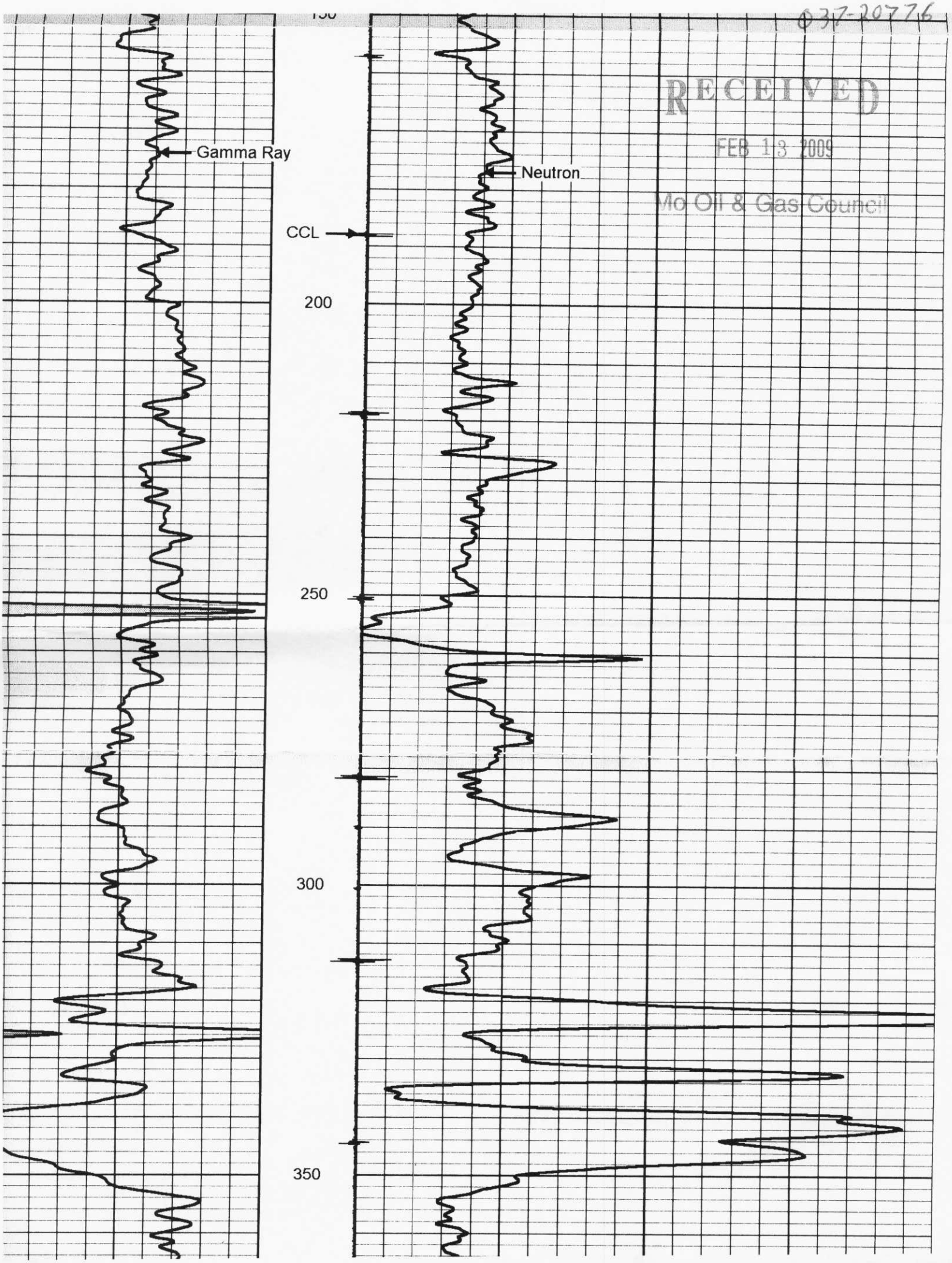
Oil & Gas Council

Database File: osbn54.db
Dataset Pathname: pass1
Presentation Format: gr-n-ccl
Dataset Creation: Wed Jan 10 09:38:47 2007 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240





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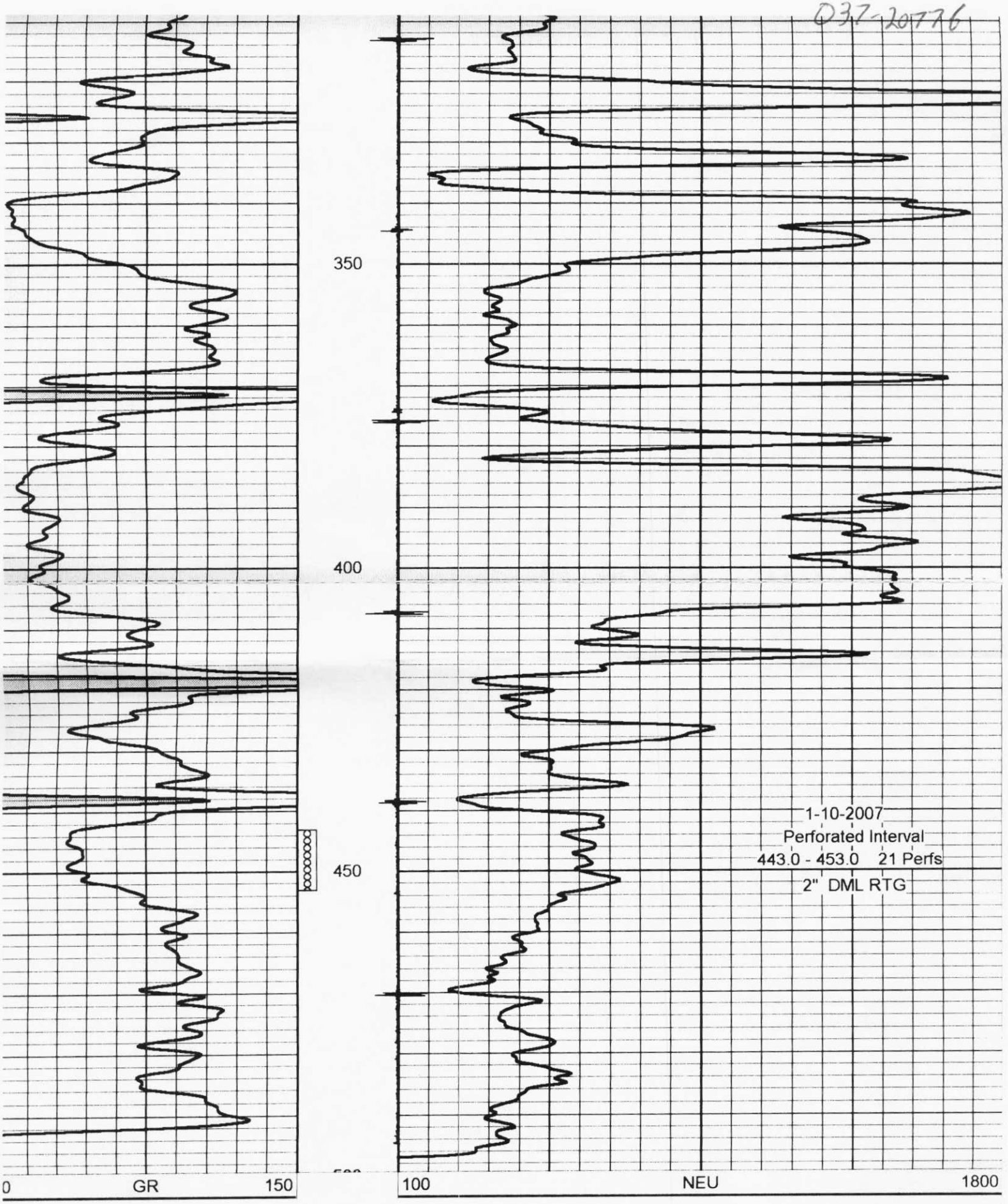
350
400
450
0
GR
150
100
NEU
1800
1-10-2007
Perforated Interval
443.0 - 453.0 21 Perfs
2" DML RTG