037- 20763

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

CONFIDENTIAL

Until 12-27-08

GAMMA RAY / NEUTRON / CCL

File No

Permit #

Company Osborn Energy, LLC

Well Osborn No. I-41-17

Field

County Cass State Missouri

Location
2310' FNL & 520' FEL
NE/4

Sec. 17 Twp. 43n Rge. 33w

Other Services

Elevation

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

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

Date	12-27-2006			
Run Number	One			
Depth Driller	543.0			
Depth Logger	523.3			
Bottom Logged Interval	521.3			
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	543.0	2 7/8"		0.0	525.0

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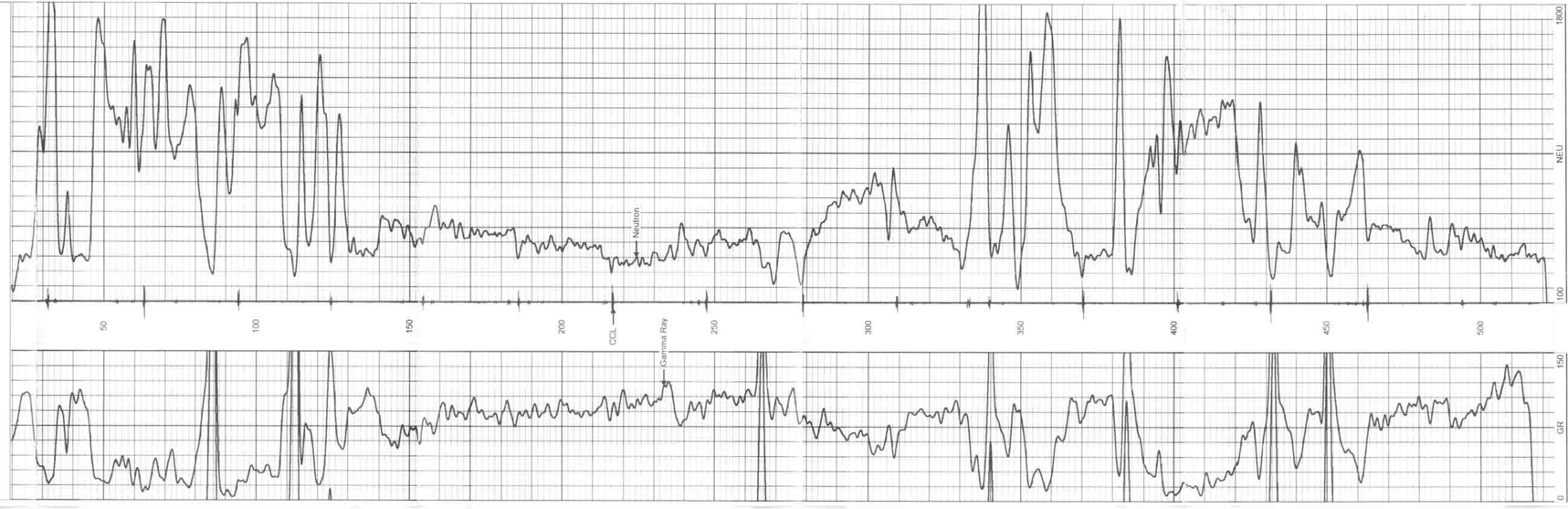
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting 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

Database File: osbn41.db
Dataset Pathname: pass1
Presentation Format: gr-n-ccl
Dataset Creation: Wed Dec 27 08:49:18 2006 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240