037-20772

MIDWEST SURVEYS
LOGGING - PERFORATING - CONSULTING SERVICES
P.O. Box 58, Osawatomie, KS 66064
913 / 755 - 2128

GAMMA RAY / NEUTRON / CCL

File No

Company: Osborn Energy, LLC
Well: Osborn No. 46-17
Field
County: Cass State: Missouri
Location: 2145' FNL & 0' FEL NE/4
Sec. 17 Twp. 43n Rge. 33w
Elevation: NA

Other Services: Perforate

Permit # 20,772

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

Date	12-19-2006
Run Number	One
Depth Driller	518.0
Depth Logger	507.5
Bottom Logged Interval	500.5
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	Steve Windisch
Witnessed By	Meredith Pearce

RUN No	BIT	BORE-HOLE RECORD FROM	TO	SIZE	CASING RECORD 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	504.0

Comments

Drilling Contractor: Osborn Energy LLC

RECEIVED
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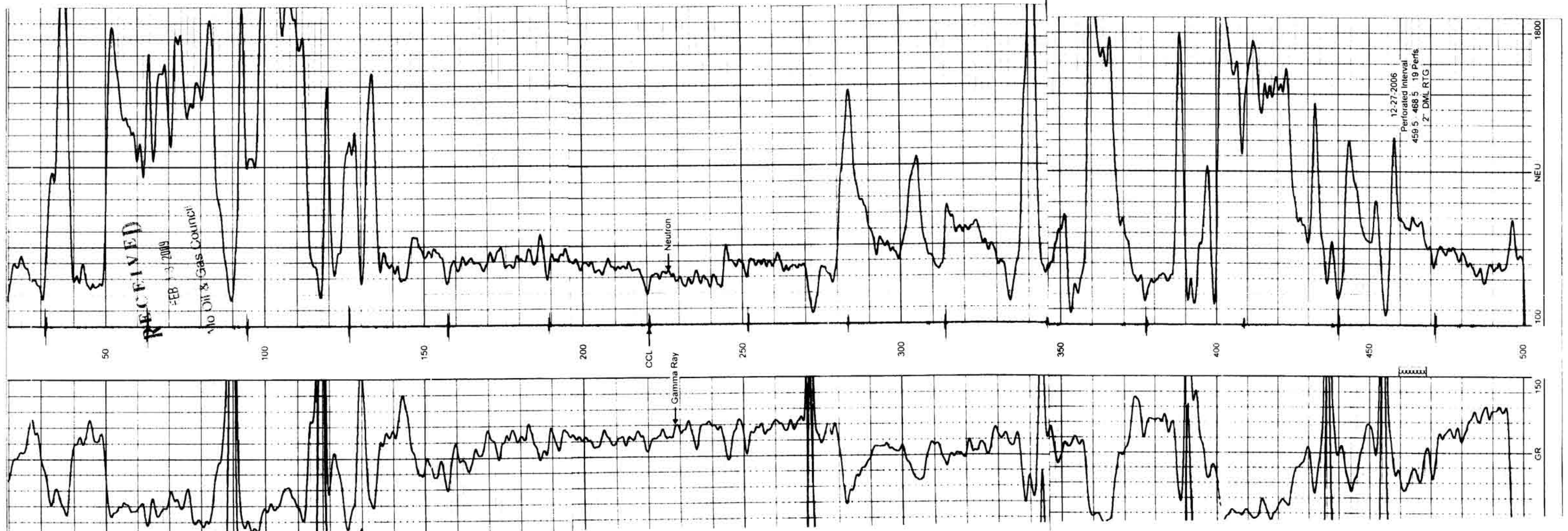

Osborn 46-17