Released 05/07/2009

CONFIDENTIAL

DENSITY - NEUTRON POROSITY COMPENSATED DENSITY LOG

D. NOLKER 5-32R

Mo Oil & Gas Council

RECEIVED

#177-20043

Century WIRELINE SERVICES

COMPANY	IGWT INC
WELL	D. NOLKER 5-32
FIELD	
COUNTY	RAY
STATE	MISSOURI
OTHER SERVICES	IND, CNL
LOCATION	
SECTION	32
TOWNSHIP	54 N
RANGE	28 W
API NO.	NA
UNIQUE WELL ID	
PERMANENT DATUM	G.L.
LOG MEASURED FROM	G.L.
DRL MEASURED FROM	G.L.
ELEVATION KB	NA
ELEVATION DF	NA
ELEVATION GL	NA
DATE	01/16/09
DEPTH DRILLER	
BIT SIZE	4.875
LOG TOP	-1.10
LOG BOTTOM	289.90
CASING OD	8.625
CASING BOTTOM	234'
CASING TYPE	STEEL
BOREHOLE FLUID	FW
RM TEMPERATURE	NA
MUD RES	NA
MUD WEIGHT	8.3
WITNESSED BY	K. HUPP
RECORDED BY	K. RUNNELS
REMARKS 1	
REMARKS 2	

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

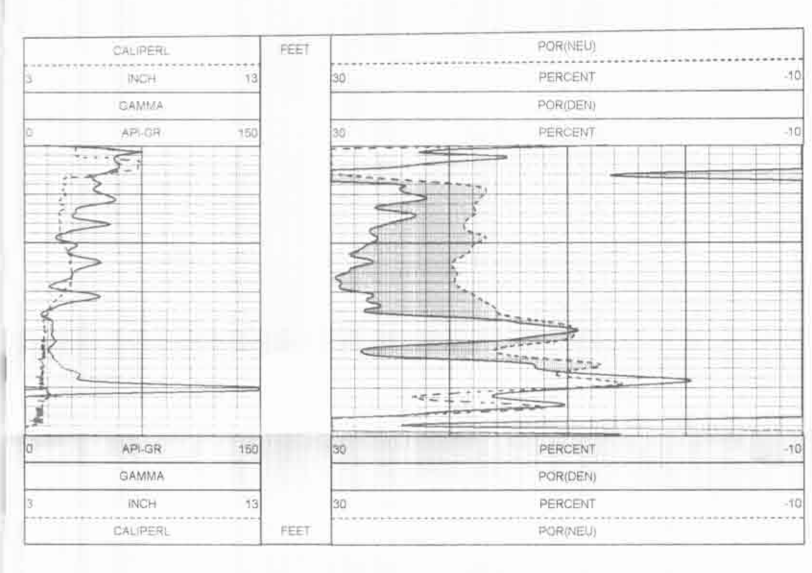
5 INCH LOG, POROSITIES D. NOLKER 5-32 01/16/09

LOG PARAMETERS

MATRIX DENSITY 2.71 | NEUTRON MATRIX LIMESTONE | MATRIX DELTA T 49

MAGNETIC DECL 0 | ELECT CUTOFF 2500 | BIT SIZE 4.875

PRESENTATION NAME/DATE = 1 A CENTURY NDL POR 5.0 12/03/2008 | VERSION = 3.64FB



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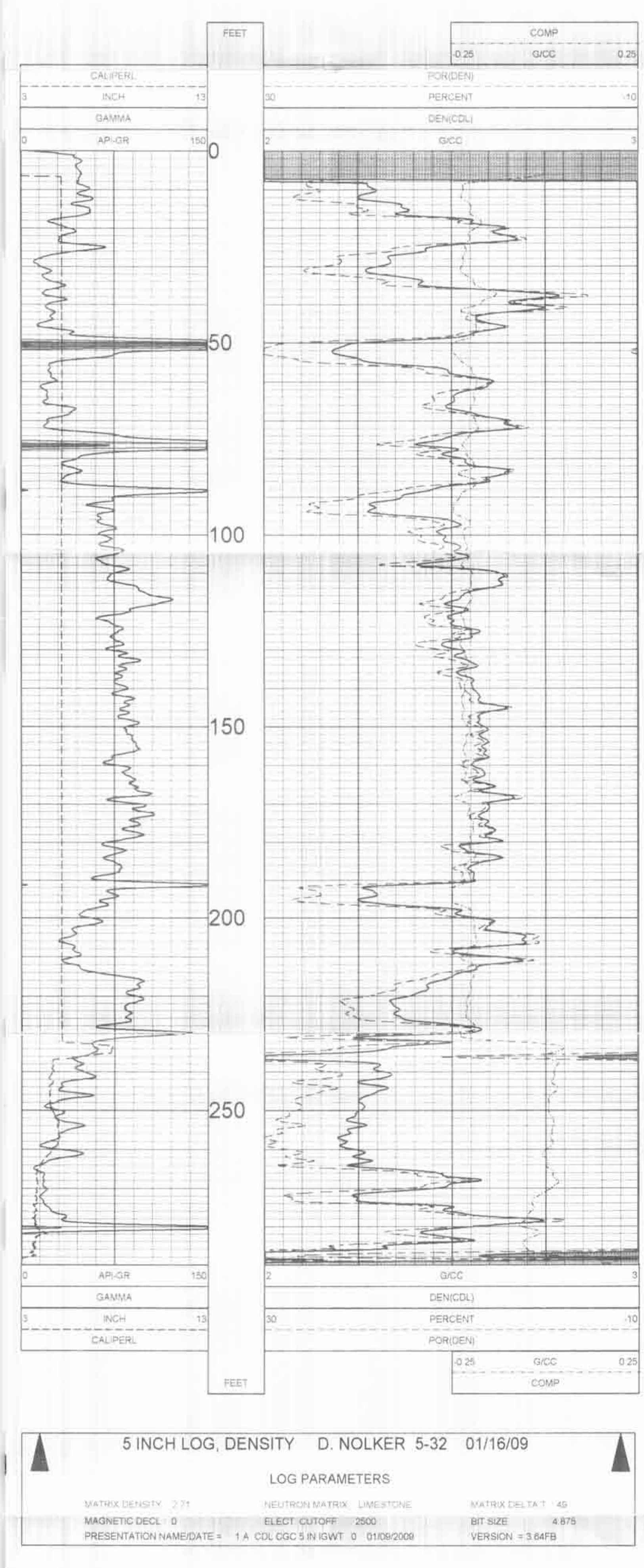

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25 INCH LOG, HIGH RES. DENSITY D. NOLKER 5-32 01/16/09

LOG PARAMETERS

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MAGNETIC DECL 0 | ELECT CUTOFF 2500 | BIT SIZE 4.875

PRESENTATION NAME/DATE = 1 A CENTURY CDL 25 0 08/05/2008 | VERSION = 3.64FB

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LOG PARAMETERS

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