Released 07/04/2010 1#217-22185

~~CONFIDENTIAL~~

Century WIRELINE SERVICES

DENSITY - NEUTRON POROSITY COMPENSATED DENSITY LOG QUERRY # 3

COMPANY	OSAGE PLAINS RESOURCES LLC		
WELL	QUERRY # 3		
FIELD			
COUNTY	VERNON	OTHER SERVICES	CNL DIL
STATE	MISSOURI		
LOCATION	1126' FSL & 554' FEL		
SECTION	28		
TOWNSHIP	38N		
RANGE	33W		
API NO.	22185		
UNIQUE WELL ID	NA		
PERMANENT DATUM	GL	ELEVATION KB	NA
LOG MEASURED FROM	GL	ELEVATION DF	NA
DRL MEASURED FROM	GL	ELEVATION GL	898'
DATE	01/22/09		
DEPTH DRILLER	450'		
BIT SIZE	6.00		
LOG TOP	0.30		
LOG BOTTOM	444.00		
CASING OD	7"		
CASING BOTTOM	20'		
CASING TYPE	STEEL		
BOREHOLE FLUID	FW		
RM TEMPERATURE	NA		
MUD RES	NA		
MUD WEIGHT	8.3		
WITNESSED BY	MR. HAMPSHIRE		
RECORDED BY	K.RUNNELS		
REMARKS 1			
REMARKS 2			

RECEIVED JUL 06 2009 Mo Oil & Gas Council

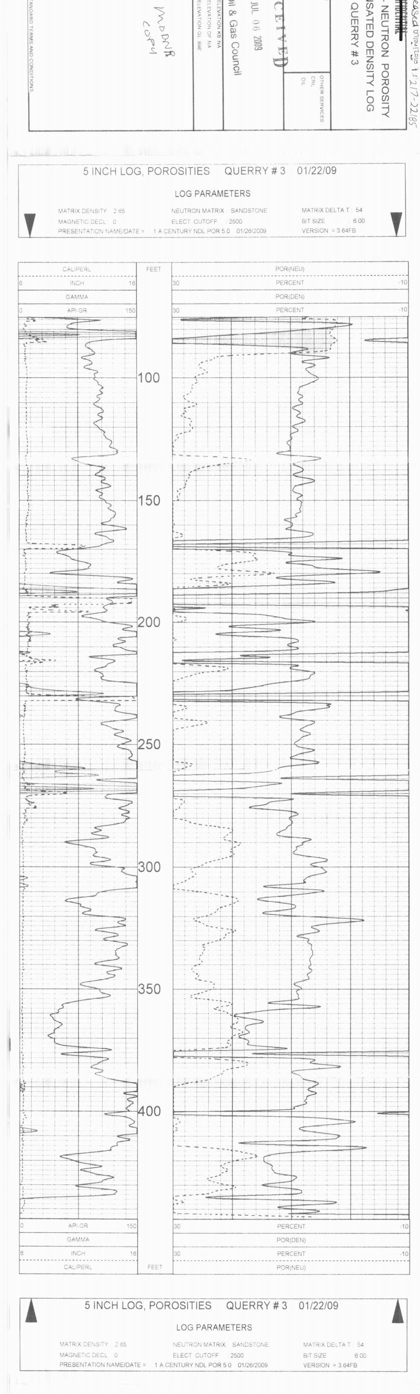
MoDNR COPY

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

5 INCH LOG, POROSITIES QUERRY # 3 01/22/09

LOG PARAMETERS

MATRIX DENSITY : 2.65 | NEUTRON MATRIX : SANDSTONE | MATRIX DELTA T : 54
MAGNETIC DECL : 0 | ELECT. CUTOFF : 2500 | BIT SIZE : 6.00
PRESENTATION NAME/DATE = 1 A CENTURY NDL POR 5.0 01/26/2009 | VERSION = 3.64FB



5 INCH LOG, POROSITIES QUERRY # 3 01/22/09

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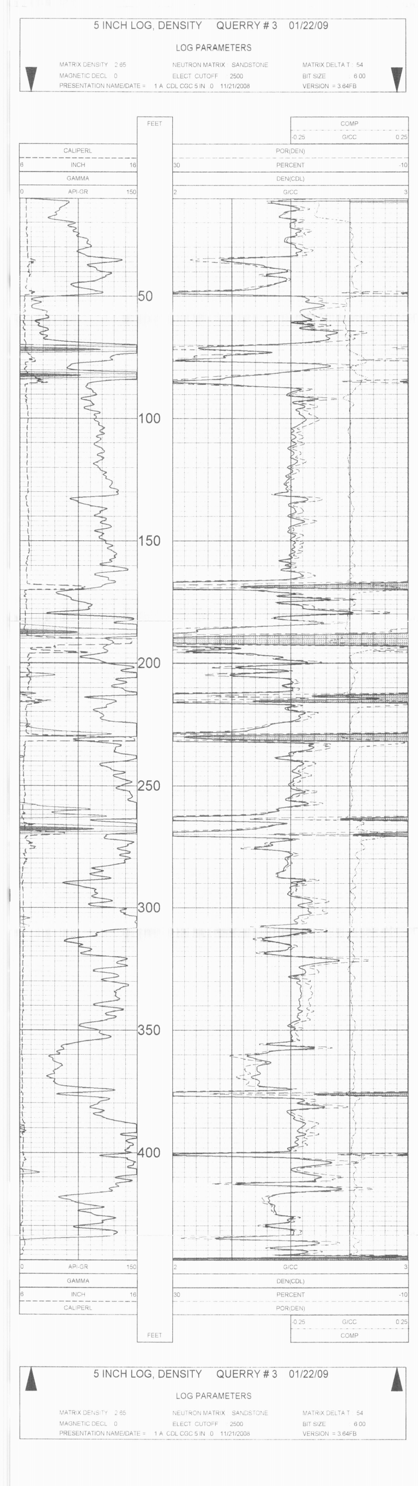

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25 INCH LOG, HIGH RES. DENSITY QUERRY # 3 01/22/09

LOG PARAMETERS

MATRIX DENSITY : 2.65 | NEUTRON MATRIX : SANDSTONE | MATRIX DELTA T : 54
MAGNETIC DECL : 0 | ELECT. CUTOFF : 2500 | BIT SIZE : 6.00
PRESENTATION NAME/DATE = 1 A CENTURY CDL 25 .0 08/05/2008 | VERSION = 3.64FB

25 INCH LOG, HIGH RES. DENSITY QUERRY # 3 01/22/09

LOG PARAMETERS

MATRIX DENSITY : 2.65 | NEUTRON MATRIX : SANDSTONE | MATRIX DELTA T : 54
MAGNETIC DECL : 0 | ELECT. CUTOFF : 2500 | BIT SIZE : 6.00
PRESENTATION NAME/DATE = 1 A CENTURY CDL 25 .0 08/05/2008 | VERSION = 3.64FB