Scanned 11/18/09

Century WIRELINE SERVICES

DUAL INDUCTION

G.ORTLIP # 1

COMPANY	MIDCONTINENT ENERGY MISSOURI CORP
WELL	G.ORTLIP # 1
FIELD	DEERFIELD
COUNTY	VERNON
STATE	MISSOURI
LOCATION	200' FSL & 1760' FEL
SEC	34
TOWNSHIP	34N
RANGE	33W
API NO	22746
UNIQUE WELL ID	NA
PERMANENT DATUM	G.L.
LOG MEASURED FROM	K.B. 10 FT ABOVE PERM. DATUM
DRL MEASURED FROM	K.B.
DATE	05/22/08
DEPTH DRILLER	275'
BIT SIZE	6.25
LOG TOP	0
LOG BOTTOM	227.00
CASING OD	7"
CASING BOTTOM	20'
CASING TYPE	STEEL
BOREHOLE FLUID	WATER
MAX RECORD TEMPERATURE	NA
MUD DENSITY	8.3
MUD WEIGHT	LONG
WITNESSED BY	K.KUHNELS
RECORDED BY	K.KUHNELS
REMARKS 1	
REMARKS 2	

OTHER SERVICES: SP, GR, CDL

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

NOV 18 2008

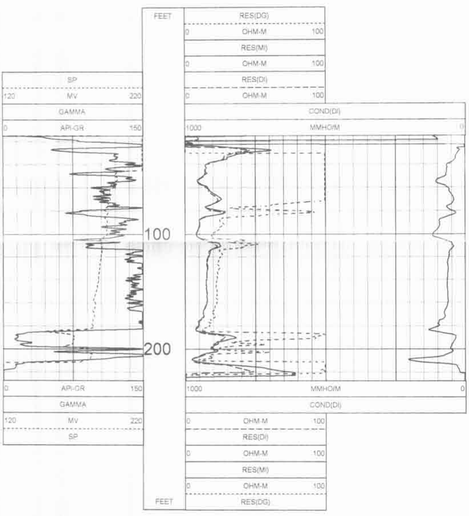
161 (SEC-34-34N-33W)

#17-2146

2 INCH LOG, DUAL INDUCTION G.ORTLIP # 1 05/22/08

LOG PARAMETERS

MATRIX DENSITY 2.65 | NEUTRON MATRIX SANDSTONE | MATRIX DELTA T 54
MAGNETIC DECL 0 | ELECT CUTOFF 2500 | BIT SIZE 6.25
PRESENTATION NAME/DATE = 1 A CENTURY DIL AIR ALL Drilled DG 2 Inch D 03/13 VERSION = 3.64ES



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5 INCH LOG, DUAL INDUCTION G.ORTLIP # 1 05/22/08

LOG PARAMETERS

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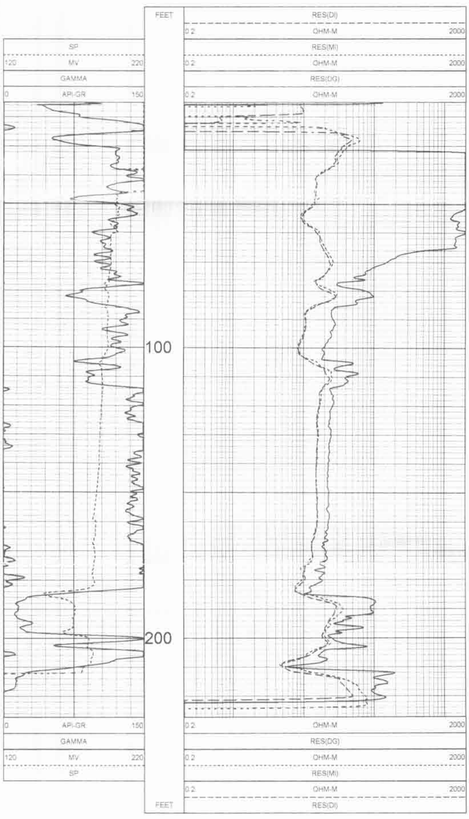
MAGNETIC DECL 0 | ELECT CUTOFF 2500 | BIT SIZE 6.25
PRESENTATION NAME/DATE = 1 A DIL AIR ALL Drilled 5 InchDG D 03/13/2008 VERSION = 3.64ES



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