



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

GAMMA RAY / NEUTRON / CCL

API# 15-031-24,006

File No.	Company Birk Petroleum		Well Jerry Murray "B" No.-9		Field Crandall North		County Coffey State Kansas	
	Location	3135' FSL & 165' FEL NE-SE-SE-NE				Other Services Perforate		
	Sec. 36	Twp. 22S	Rge. 15E			Elevation		
	Permanent Datum	GL		Elevation	1050'	K.B. NA D.F. NA G.L. 1050'		
	Log Measured From	GL						
	Drilling Measured From	GL						
Date	09-16-2014							
Run Number	One							
Depth Driller	1132.0							
Depth Logger	1120.0							
Bottom Logged Interval	1119.0							
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	102	Osawatomie					
Recorded By	Gary Windisch							
Witnessed By	Brian Birk							
RUN	BORE-HOLE RECORD			CASING RECORD				
No.	BIT	FROM	TO	SIZE	WGT.	FROM	TO	
One	9.875"	0.0	40.0	7.00"	17.0 #	0.0	40.0	
Two	6.25"	40.0	1132.0	2.875"	6.5 #	0.0	1124.0	

