



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

GAMMA RAY / NEUTRON / CCL

File No.	Company Lakeshore Operating, LLC.									
	Well Sturdivan "3" No. LOI-9									
	County Woodson State Kansas									
	Location		4601' FSL & 4328' FEL NW-SE-NW-NW				Other Services Perforate			
	Sec. 34		Twp. 23S		Rge. 16E					
	Permanent Datum		GL		Elevation		1076'			
	Log Measured From		GL		Elevation		1076'			
	Drilling Measured From		GL		Elevation		1076'			
	3/24/2016		One							
	Number		1092.0							
	th Driller		1080.8							
	th Logger		1079.8							
	Bottom Logged Interval		20.0							
	Top Log Interval		Full							
	Fluid Level		Water							
	Type Fluid		NA							
	Density / Viscosity		NA							
	Salinity - PPM Cl		NA							
	Max Recorded Temp		NA							
	Estimated Cement Top		0.0							
	Equipment No.		102		Osawatomie					
	Recorded By		Gary Winkisch							
	Witnessed By		Wesley Ketchum							
	Run		BORE-HOLE RECORD				CASING RECORD			
		BIT	FROM	TO	SIZE	WGT.	FROM	TO		
		One	9.875"	0.0	7.00"	17.0#	0.0	40.0		
		Two	5.875"	40.0	1092.0	2.875"	6.5#	1085.0		

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, injury, or damage resulting from the use of the information contained in this report.

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Comments

Drilling Contractor :
Jackman Oilfield Services

Database File: sturdivan3 9-loi.db
Dataset Pathname: pass1
Presentation Format: gr-n-ccl
Dataset Creation: Wed Aug 24 11:43:02 2016 by Log SCH 111116
Charted by: Depth in Feet scaled 1:240

