



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

**GAMMA RAY / NEUTRON / CCL**

File No. Company Bobcat Oilfield Services, Inc.  
 Well Spindle No. 7-19  
 Field Paola / Rantoul  
 County Miami State Kansas

Location 1542' FSL & 3351' FEL  
 SE-SW-NE  
 Sec. 18 Twp. 17S Rge. 24E  
 Permanent Datum GL Elevation 980'  
 Log Measured From GL  
 Drilling Measured From GL  
 Other Services Perforate  
 Elevation  
 K.B. NA  
 D.F. NA  
 G.L. 980'

Date	12-05-2019	
Run Number	One	
Depth Driller	760.0	
Depth Logger	379.8	
Bottom Logged Interval	378.8	
Top Log Interval	20.0	
Fluid Level	105.0	
Type Fluid	Water	
Density / Viscosity	NA	
Salinity - PPM Cl	NA	
Max Recorded Temp	NA	
Estimated Cement Top	0.0	
Equipment No.	102	Osawatomie
Recorded By	Gary Windisch	
Witnessed By	Rob Eberhart	

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

Drilling Contractor :  
 Dale Jackson Production Company

Database File: spindle 7-19.db  
 Dataset Pathname: pass1  
 Presentation Format: gr-n-ccl  
 Dataset Creation: Thu Dec 05 15:10:38 2019 by Log SCH 111116  
 Charted by: Depth in Feet scaled 1:240

