



**MIDWEST SURVEYS**  
 LOGGING - PERFORATING - CONSULTING SERVICES  
 P.O. Box 66, Osawatomie, KS 66064  
 913 / 755 - 2128

**GAMMA RAY / NEUTRON / CCL**

File No.

Company **BG-5, Inc.**

Well **Luckan No.-18**

Field **Leloup**

County **Franklin** State **Kansas**

Location **1045 FSL & 165 FWL**

Location **NW-NW-SW-SW**

Other Services **Perforate**

Sec. **35** Twp. **15S** Rge. **20E**  
 Permanent Datum **GL** Elevation **NA**  
 Log Measured From **GL**  
 Drilling Measured From **GL**

Date **11-21-2012**

Run Number **One**

Depth Diller **800.0**

Depth Logger **786.0**

Bottom Logged Interval **785.0**

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. **104** Location **Osawatomie**  
 Recorded By **Scott Burdick**

BORE-HOLE RECORD		CASING RECORD				
RUN No.	BIT FROM	TO	SIZE	WGT.	FROM	TO
One	12.25"	0.0	8.625"	0.0	39.0	39.0
Two	6.75"	39.0	8.00.0	4.50"	10.5#	0.0
						786.5

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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 :  
 Town Oilfield Services, Inc.

Database File: luckan18.db  
 Dataset Pathname: pass1  
 Presentation Format: gr-n-ccl  
 Dataset Creation: Wed Nov 21 14:08:30 2012 by Log SCH 111116  
 Charted by: Depth in Feet scaled 1:240

