



**MIDWEST SURVEYS**  
 LOGGING - PERFORATING - CONSULTING SERVICES  
 P.O. Box 68, Oskawatomie, KS 68064  
 913.735.2128

**GAMMA RAY / NEUTRON / CCL**

File No. \_\_\_\_\_

Company: Legends Oil & Gas, Ltd  
 Well: Patrick Collins No. - 17  
 Field: Humboldt - Chanute  
 County: Woodson State: Kansas

Location: 1485' FSL & 1485' FEL  
 SE-SE-1NW-SE

Sec. 17 Typ. 25s Fge. 17e  
 Permanent Datum: GL  
 Log Measured From: GL  
 Drilling Measured From: GL

Date: 09-17-2014  
 Run Number: One  
 Depth Driller: 902.0  
 Depth Logger: 891.0  
 Bottom Logged Interval: 880.0  
 Top Log Interval: 20.0  
 Fluid Level: Full

Other Services: Perforate

Elevation: 1017'  
 K.B. NA  
 D.F. NA  
 G.L. 1017'

Type Fluid: Water  
 Density / Viscosity: NA  
 Salinity - PPM Cl: NA  
 Max. Recorded Temp: NA  
 Estimated Cement Top: 0.0  
 Equipment No.: 167  
 Location: Oskawatomie

Recorded By: Steve Winkler  
 Rechecked By: Marshall Diamond-Gallberg

BOREHOLE RECORD				CASING RECORD			
RUN No.	BIT FROM	TO	SIZE	WGT.	FROM	TO	
One	11.00"	0.0	7.00"	17.0 #	0.0	21.0	2.10
Two	5.575"	21.0	9.25.0	2.875"	6.5 #	0.0	884.0

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the 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 :  
Owens Petroleum Services

Database File: pat collins17.db  
 Dataset Pathname: pass1  
 Presentation Format: gr-n-ccl  
 Dataset Creation: Tue Jun 17 12:58:30 2014 by Log SCH 111116  
 Charted by: Depth in Feet scaled 1:240

