



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

**GAMMA RAY / NEUTRON / CCL**

File No.

Company **RJ Enterprises**

Well **Welsh "B" No.-17**

Field **Centerville**

County **Anderson** State **Kansas**

Location **1526' FSL & 2475' FEL**

Sec. **15** Twp. **21s** Rge. **21e**

Permament Datum **GL** Elevation **NA**

Log Measured From **GL**

Drilling Measured From **GL**

Date **09-18-2014**

Run Number **One**

Depth Driller **780.0**

Depth Logger **774.0**

Bottom Logged Interval **773.0**

Top Log Interval **20.0**

Fluid Level **Fill**

Type Fluid **Water**

Density / Viscosity **NA**

Salinity - PPM Cl **NA**

Max Recorded Temp **NA**

Estimated Cement Top **0.0**

Equipment No. **102** Location **Osawatimie**

Recorded By **Gary Windisch**

Witnessed By **Jason Kent**

BORE-HOLE RECORD

BIT No.	BIT FROM	TO	SIZE	WGT.	FROM	TO
One	9.875"	0.0	20.0	7.00"	17.0 #	0.0
Two	5.825"	20.0	780.0	2.875"	6.5 #	0.0

CASING RECORD

TO	FROM	SIZE	WGT.	FROM	TO
20.0	774.0	7.00"	17.0 #	0.0	0.0

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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 :  
 RJ Enterprises

Database File: welsh17b.db  
 Dataset Pathname: pass1  
 Presentation Format: gr-n-ccl  
 Dataset Creation: Thu Sep 18 12:34:16 2014 by Log SCH 111116  
 Charted by: Depth in Feet scaled 1:240

0	Gamma Ray (cps)	150
150	Gamma Ray (cps)	300

-1	CCL	1
100	Neutron (cps)	1900



0	Gamma Ray (cps)	150
150	Gamma Ray (cps)	300

-1	CCL	1
100	Neutron (cps)	1900

10-01-2014  
 Perforated Interval  
 605.0 - 613.0 17 Perfs  
 2" DML RTG

10-01-2014  
 Perforated Interval  
 734.0 - 744.0 21 Perfs  
 2" DML RTG