



**MIDWEST SURVEYS**  
 LOGGING - PERFORATING - CONSULTING SERVICES  
 P. O. Box 88, Osawatomie, KS 68064  
 913.755.2128

**GAMMA RAY / NEUTRON / CCL**

File No: \_\_\_\_\_  
 Company: **Jackson & Johnson Oil, LLC**  
 Well: **Sunshine No. - 1**

Field: **Zachariah**  
 County: **Jefferson** State: **Kansas**

Location: **220' FNL & 660' FEL**  
**N/2-N/2-NENE**

Other Services Perforate

Sec. 8  
 Permament Datum  
 Log Measured From  
 Drilling Measured From

Top: **98** Elev: **20e** NA  
 Log: **GL** Elev: **NA** NA  
 Drilling: **GL** Elev: **NA** NA

Date: \_\_\_\_\_  
 Run Number: **One**  
 Depth: **1415.0**

Depth Logger: **1388.0**  
 Bottom Logged Interval: **1397.0**  
 Top Log Interval: **20.0**

Fluid Level: **Full**

Type Fluid: **Water**  
 Density / Viscosity: **NA**  
 Salinity - PPM Cl: **NA**  
 Max. Record Temp: **NA**  
 Estimated Cement Top: **0.0**

Equipment No.: **107** Location: **Osawatomie**  
 Recorder By: **Steve Winkish** Sample Rate: \_\_\_\_\_

Witnessed By: \_\_\_\_\_

BOREHOLE RECORD TO: \_\_\_\_\_  
 CASING RECORD TO: \_\_\_\_\_

BIT: **FRDM** TO: **40.0** SIZE: **8.53"** WGT: **22.0#**  
 One: **12.75"** TO: **40.0** SIZE: **4.50"** WGT: **9.5#**  
 Two: **6.75"** TO: **1415.0** SIZE: **4.50"** WGT: **9.5#**

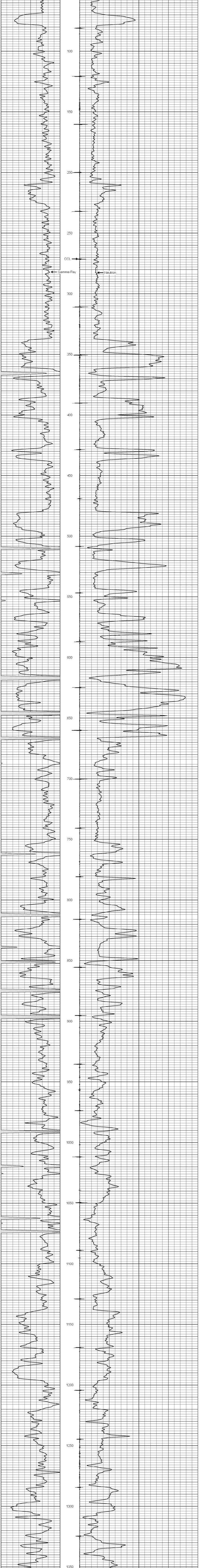
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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on 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 :  
**Hat Drilling**

Database File: sunshine1.db  
 Dataset Pathname: pass1  
 Presentation Format: gr-n-ccl  
 Dataset Creation: Wed Jan 29 10:29:20 2014 by Log SCH 111116  
 Charted by: Depth in Feet scaled 1:240



01-29-2014  
 Perforated Interval:  
 1357.0 - 1365.0 33 Perfs  
 3 3/8" DP 19 Gr. T. ECG

0 Gamma Ray (cps) 150  
 150 Gamma Ray (cps) 300  
 -1 CCL 1  
 10 Neutron (cps) 2100