



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

**GAMMA RAY / NEUTRON / CCL**

File No.

Company **ST Petroleum, Inc.**  
Well **Thomas "A" No. 1-16**  
Field **Gardner South**  
County **Johnson** State **Kansas**

Location **3630' FSL & 1275' FEL  
W/2-NW-SE-NE**

Other Services  
Perforate

Sec. 29 Typ. 14S Rge. 22e  
Permanent Datum GL Elevation N/A  
Log Measured From GL  
Drilling Measured From GL

Elevation  
K.B. NA  
D.F. NA  
G.L. NA

Date

02-27-2012

Run Number One

Depth Driller 935.0

Depth Logger 911.0

Bottom Logged Interval 910.0

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. 107

Location Osawatomie

Recorded By Steve Vandrish

Witnessed By Rik Singleton

BORE-HOLE RECORD

RUN No. BIT FROM TO SIZE WGT. FROM TO

One 9.875" 20.0 7.00" 0.0 20.0

Two 5.625" 20.0 935.0 2.875" 0.0 938.0

CASING RECORD

TO 20.0

938.0

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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 :  
Hat Drilling Company

Database File: thoms16ia.db  
Dataset Pathname: pass1  
Presentation Format: gr-n-ccl  
Dataset Creation: Mon Feb 27 15:41:39 2012 by Log SCH 111116  
Charted by: Depth in Feet scaled 1:240

0 Gamma Ray (cps) 150 10 Neutron (cps) 2100

