

# State Well Report

## Part 1 - Driller's Log

Mississippi Department of Environmental Quality  
Office of Land and Water Resources  
P.O. Box 2309  
Jackson, MS 39225  
(601)961- 5210  
(601)961- 5228 (fax)

County: Marshall  
Permit #: \_\_\_\_\_  
Driller: Jones W. Maxon  
Date drilling completed: 3-12-09

For Office Use Only:  
Aquifer: \_\_\_\_\_  
Well #: J-299  
L. S. Elevation: \_\_\_\_\_  
E-log #: \_\_\_\_\_

**State Law requires that this report be prepared by the license holder responsible for the work and filed with the Department at the above address within 30 days of completion of drilling of the well or borehole.**

Information on Well Owner (Landowner if borehole is not for a water well)	Well or Borehole Location
Owner Name: <u>Air and Heat Service</u>	Latitude: <u>34° 49' 19.4"</u> Longitude: <u>89° 38' 03.6"</u>
Mailing Address: <u>500 dogwood ranch ct.</u>	Method of Lat/Long (circle one): Conventional Survey, <u>12</u>
<u>Byhalia</u> <u>MS</u> <u>38611</u>	USGS quad, <u>Hand-held GPS</u> , Survey-grade GPS
City State Zip Code	<u>NE</u> 1/4 <u>SE</u> 1/4 Sec <u>16</u> ✓ Twn <u>3s</u> ✓ Rng <u>4w</u>
Telephone No. <u>(662) 838-8088</u>	Distance Direction Nearest Town
	<u>1314</u> Miles <u>SE</u> of <u>Victoria</u>

**Well / Borehole Data**

Date drilling started: 3-12-09 Date drilling completed: 3-12-09 Hole depth: 230' Hole diameter: 5"

Location of the source of any surface water used for drilling: NA

Method of dosing and volume of Chlorine used in drilling and development: NA

Logs run (circle all applicable): No log run Electric Gamma Ray Density Sonic Neutron Other: \_\_\_\_\_

Name of organization running log(s): NA

Purpose of borehole (check one): Water Well \_\_\_ Geotechnical/Geological Investigation \_\_\_ Ground Source Heat Pump ✓  
Seismic Survey \_\_\_ Other (describe) \_\_\_\_\_

**If drilling is not related to water well construction, skip the remainder of this block**

Purpose of Well (check one): Home \_\_\_ Industrial \_\_\_ Public Supply \_\_\_ Irrigation \_\_\_ Fish Culture \_\_\_ Other: \_\_\_\_\_

If a flowing well, method of flow regulation: Valve \_\_\_\_\_ Other (describe) \_\_\_\_\_

Static Water Level: \_\_\_\_\_ feet above or below (circle one) land surface Date measured: \_\_\_\_\_

Method of Measurement (circle one) steel tape electric tape air line other: \_\_\_\_\_

Well depth: \_\_\_\_\_ Well grouted to a depth of \_\_\_\_\_ feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: \_\_\_\_\_ feet Casing diameter: \_\_\_\_\_ inches Type of casing: \_\_\_\_\_

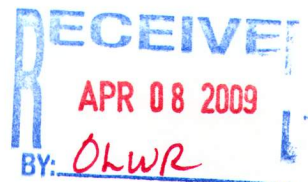
Screen length: \_\_\_\_\_ feet Screen diameter: \_\_\_\_\_ inches Type of screen: \_\_\_\_\_

Screen slot size: \_\_\_\_\_ inches Setting depth: From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Type of completion (circle all applicable): Gravel packed Underreamed Telescoped Open hole Natural Development  
Other (describe): \_\_\_\_\_

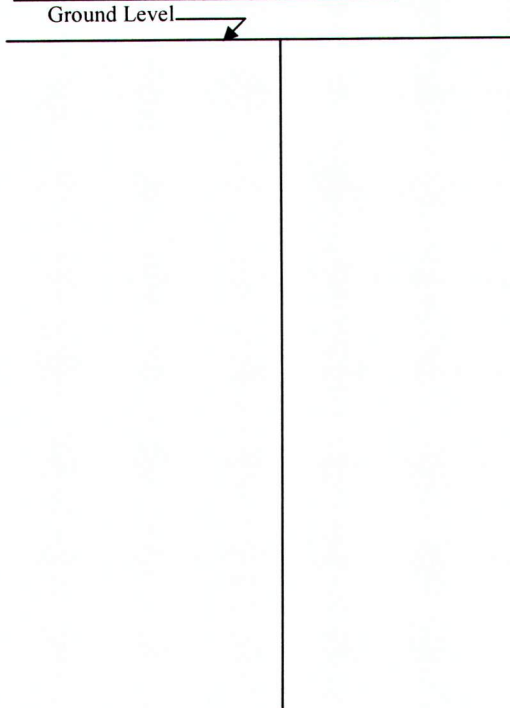
Top of lap pipe or reduction in casing: \_\_\_\_\_ feet. If telescoped or more than one screen, describe on next page

Form: OLWR-SWR-1A (04/08)



The sketch below only required for water wells

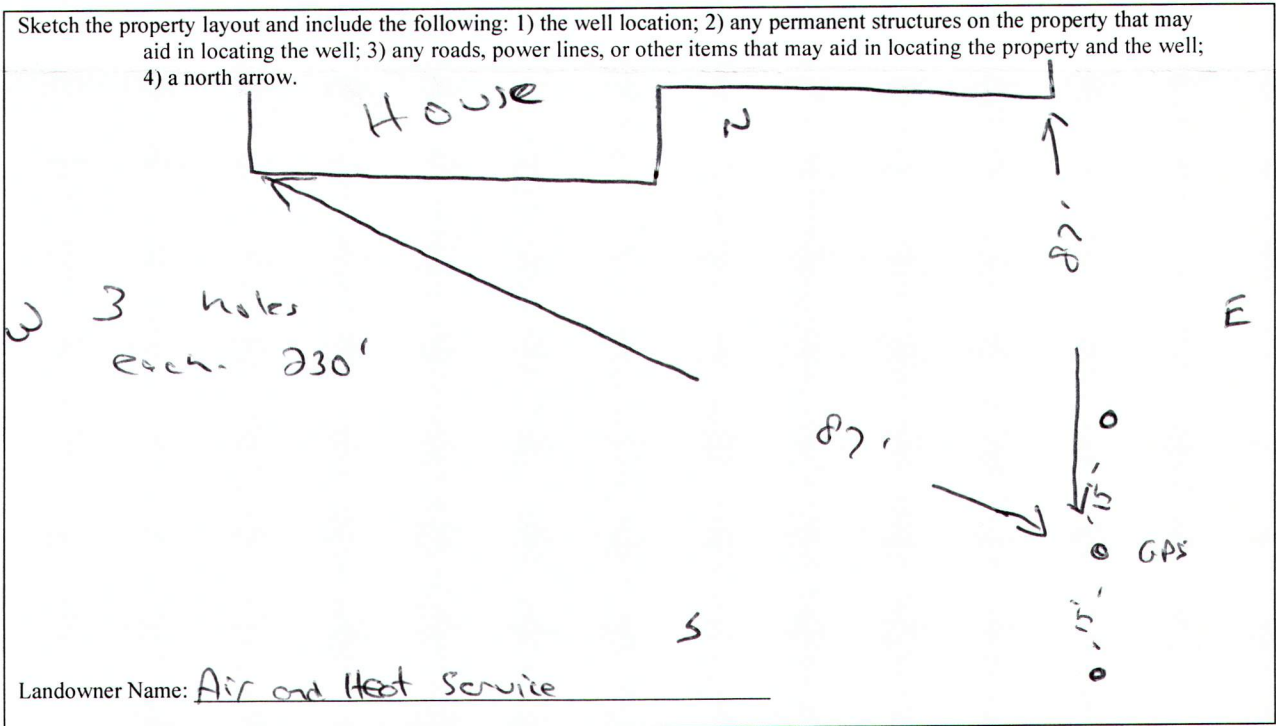
If well telescopes, show depths on sketch.



Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

Description of Formations Encountered	From (depth)	To (depth)
clay dirt	Ground Level	15
white sand	15	60
white clay	60	85
white sand	85	230

If more than one screen, show location of each on sketch



Form: OLWR-SWR-1A (04/08)

I certify that the well/borehole was drilled, constructed, and completed in accordance with all applicable requirements of the Mississippi Department of Environmental Quality and the Mississippi Department of Health regulations, if applicable, and state laws.

Jones w. Mason 0-620      4-6-09  
 Print Name of Responsible Licensee and License No.      Date

Jones w. Mason  
 Signature of Licensee

**RECEIVE**  
**APR 08 2009**  
 BY: OLWR