

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: La Fayette
Permit #: _____
Driller: Jones W. Masen
Date drilling completed: 12-31-09

For Office Use Only:
Aquifer: A72
Well #: _____
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° 26' 16"</u> Longitude: <u>89° 35' 26"</u>
Mailing Address: <u>177 CR 143</u>	Method of Lat/Long (circle one): <u>10</u> Conventional Survey, <u>42</u>
<u>Oxford MS 38655</u>	USGS quad, <u>(Hand-held GPS)</u> Survey-grade GPS <u>✓</u>
City State Zip Code	<u>NE 1/4 NW 1/4 Sec 35 Twn 7S Rng 4W</u>
Telephone No. <u>(662) 838-8088</u>	Distance Direction Nearest Town <u>1.12 Miles NW of College Hill</u>

Well / Borehole Data

Date drilling started: 12-28-09 Date drilling completed: 12-31-09 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)

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The sketch below only required for water wells

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

If well telescopes, show depths on sketch.

Ground Level →

Description of Formations Encountered	From (depth)	To (depth)
clay dirt	Ground Level	28
white sand	28	180
Black clay	180	200
white sand	200	230

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

Sketch the property layout and include the following: 1) the well location; 2) any permanent structures on the property that may aid in locating the well; 3) any roads, power lines, or other items that may aid in locating the property and the well; 4) a north arrow.

Landowner Name: Air and heat service 77

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. Masor 0-620 1-19-10
 Print Name of Responsible Licensee and License No. Date

Jones W. Masor
 Signature of Licensee

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