

County: Marshall
 Permit #: 0-162
 Driller: Larry Carpenter
 Date drilling completed: 2-21-06

State Well Report
Part I - Driller's Log
 Mississippi Department of Environmental Quality
 Office of Land and Water Resources
 P.O. Box 10631
 Jackson, MS 39289-0631
 (601)961-5210
 (601)354-6938 (fax)

For Office Use Only:
 Aquifer: _____
 Well #: L-43
 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>Hilbert Horner</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>802 Salem Ave</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
<u>Holly Springs</u> <u>Ms.</u> <u>38635</u>	<u>1/4</u> <u>1/4</u> Sec <u>21</u> Twn <u>35</u> Rng <u>2W</u>
City State Zip Code	Distance Direction Nearest Town
Telephone No. <u>(662) 252-2083</u>	<u>3</u> Miles <u>NE</u> of <u>Holly Springs</u>
Well / Borehole Data	
Date drilling started: <u>2-21-06</u> Date drilling completed: <u>2-21-06</u> Hole depth: <u>190'</u> Hole diameter: <u>8"</u>	
Location of the source of any surface water used for drilling: <u>Well Water</u>	
Method of dosing and volume of Chlorine used in drilling and development: <u>1/2 lb. Chlorine to 1000 Gal. Water</u>	
Logs run (circle all applicable): <u>(No log run)</u> Electric Gamma Ray Density Sonic Neutron Other: _____	
Name of organization running log(s): _____	
Purpose of borehole (check one): Water Well <input checked="" type="checkbox"/> Geotechnical/Geological Investigation _____ Ground Source Heat Pump _____	
Seismic Survey _____ Other (describe) _____	
<i>If drilling is not related to water well construction, skip the remainder of this block</i>	
Purpose of Well (check one): Home <input checked="" type="checkbox"/> Industrial _____ Public Supply _____ Irrigation _____ Fish Culture _____ Other: _____	
If a flowing well, method of flow regulation: Valve _____ Other (describe) _____	
Static Water Level: <u>110</u> feet above or below (circle one) land surface Date measured: <u>2-22-06</u>	
Method of Measurement (circle one) <u>steel tape</u> electric tape air line other: _____	
Well depth: <u>190'</u> Well grouted to a depth of <u>10</u> feet Type of grout (circle one): <u>Neat Cement</u> Bentonite Mix	
Casing length: <u>175</u> feet Casing diameter: <u>4</u> inches Type of casing: <u>PVC</u>	
Screen length: <u>15</u> feet Screen diameter: <u>4</u> inches Type of screen: <u>PVC</u>	
Screen slot size: <u>.013</u> inches Setting depth: From <u>175</u> feet to <u>190</u> feet	
Type of completion (circle all applicable): <u>(Gravel packed)</u> Undecreamed Telescoped Open hole Natural Development	
Other (describe): _____	
Top of lap pipe or reduction in casing: _____ feet. <i>If telescoped or more than one screen, describe on next page</i>	

Form: OLWR-SWR-1A

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STATE WELL REPORT

Part 2

Pump Installer's Completion Report
 Mississippi Department of Environmental Quality
 Office of Land and Water Resources
 P.O. Box 10631
 Jackson, MS 39289-0631
 (601)961-5210
 (601)354-6938 (fax)

County: Marshall
 Permit #: 0-162
 Driller: Larry Carpenter
 Date completed: 2-22-06
Copy information from block on Part 1

For Office Use Only:

Aquifer: _____
 Well #: L-43
 Elevation: _____

This part of the report must be completed by a licensed water well contractor or a licensed pump installer. A copy of Part 1 of the report must be attached and both parts filed with the Department at the above address within 30 days of well completion.

Well Owner Information	Well Location
Owner Name: <u>Hillcrest Homes</u> Mailing Address: <u>802 Salem Ave</u> <u>Holly Springs Ms. 38635</u> <small>City State Zip Code</small> Telephone No. <u>662 252-2083</u>	Latitude: _____ Longitude: _____ Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____ Hand-held GPS _____ Survey-grade GPS _____ _____ 1/4 _____ 1/4 Sec. <u>21 T 35 R 2 W</u> Distance Direction Nearest Town <u>3</u> Miles <u>NE</u> of <u>Holly Springs</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input type="radio"/> <u>Submersible</u> Bucket Piston <input type="radio"/> Turbine <input type="radio"/> Centrifugal Rotary <input type="radio"/> Flowing Well <input type="radio"/> Other (specify): _____ Date Pump Installed: <u>2-22-06</u> Rated Pump Capacity: <u>20</u> Gallons Per Minute	Diesel Engine <input type="radio"/> Gasoline Engine <input type="radio"/> Natural Gas <input type="radio"/> <u>Electric Motor</u> <input type="radio"/> Hand <input type="radio"/> Tractor PTO <input type="radio"/> Windmill <input type="radio"/> Other (specify): _____ Horse Power Rating of Motor: <u>1 1/2</u> Setting Depth: <u>140</u> feet Number of Stages: <u>12</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: _____ Static Water Level (A): <u>110</u> Feet Below Land Surface Pumping Water Level (B): <u>115</u> Feet Below Land Surface Drawdown [(B) - (A)]: <u>5</u> Feet Below Land Surface Test Pumping Rate: <u>25</u> Gallons Per Minute Duration of Pump Test (minimum 4 hours): <u>4</u> hours	Air Line <input type="radio"/> Electric Measuring Line <input type="radio"/> <u>Steel Tape</u> <input type="radio"/> Other (specify): _____ For flowing well, measured shut in head: _____ feet Well yielded <u>25</u> GPM with a drawdown of <u>5</u> feet after <u>4</u> hours of pumping

I HEREBY CERTIFY that the above statements are true to the best of my knowledge.
LARRY CARPENTER 0-162 Larry Carpenter
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

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 Form: OLWR-SWR-1B
 MAR 13 2006
 BY: OLWR