

County: Hancock
 Permit #:
 Driller: Garry Lantz
 Date drilling completed: 4-27-08

State Well Report
Part 1 - 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 #: 795
 L. S. Elevation: M178
 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>Derby Homes</u>	Latitude: <u>30° 16' 66"</u> Longitude: <u>89° 26' 814"</u>
Mailing Address: <u>4758 Leonard Ave</u>	Method of Lat/Long (circle one): <u>40</u> Conventional Survey, <u>49</u>
<u>Lehigh Acres FL 33973</u> City State Zip Code	USGS quad, <u>(Hand-held GPS)</u> Survey-grade GPS
Telephone No. <u>(239 - 303 - 3580)</u>	<u>SE</u> ¼ <u>NE</u> ¼ Sec. <u>12</u> Twn <u>95</u> Rng <u>15W</u>
	Distance Direction Nearest Town <u>6</u> Miles <u>W</u> of <u>Waveland</u>
Well / Borehole Data	
Date drilling started: <u>4-27-08</u> Date drilling completed: <u>4-27-08</u> Hole depth: _____ Hole diameter: _____	
Location of the source of any surface water used for drilling: <u>Waveland City water</u>	
Method of dosing and volume of Chlorine used in drilling and development: _____	
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 <u>N/A</u> Other (describe) _____	
Static Water Level: <u>14</u> feet above or below (circle one) land surface Date measured: <u>4-27-08</u>	
Method of Measurement (circle one) <u>(steel tape)</u> electric tape air line other: _____	
Well depth: <u>180</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>160</u> feet Casing diameter: <u>4</u> inches Type of casing: <u>PVC</u>	
Screen length: <u>20</u> feet Screen diameter: <u>4</u> inches Type of screen: <u>PVC</u>	
Screen slot size: <u>6</u> inches Setting depth: From <u>160</u> feet to <u>180</u> feet	
Type of completion (circle all applicable): Gravel packed Underreamed Telescoped Open hole <u>(Natural Development)</u>	
Other (describe): _____	
Top of lap pipe or reduction in casing: _____ feet. <i>If telescoped or more than one screen, describe on next page</i>	

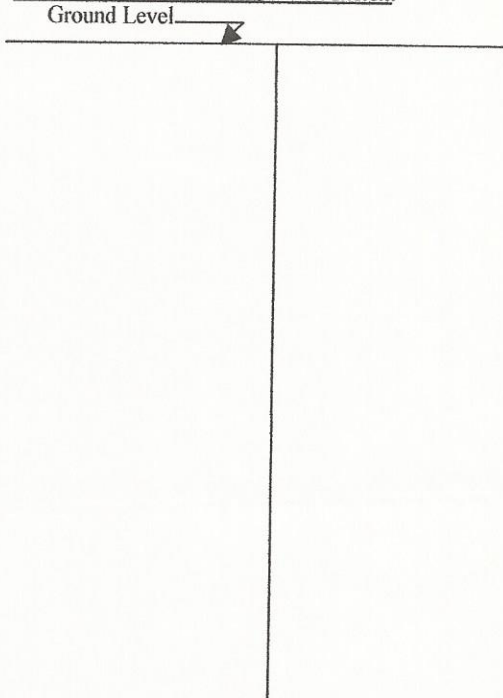
Form: OLWR-SWR-1A

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~~A-795~~
M178

The sketch below only required for water wells.

If well telescopes, show depths on sketch.

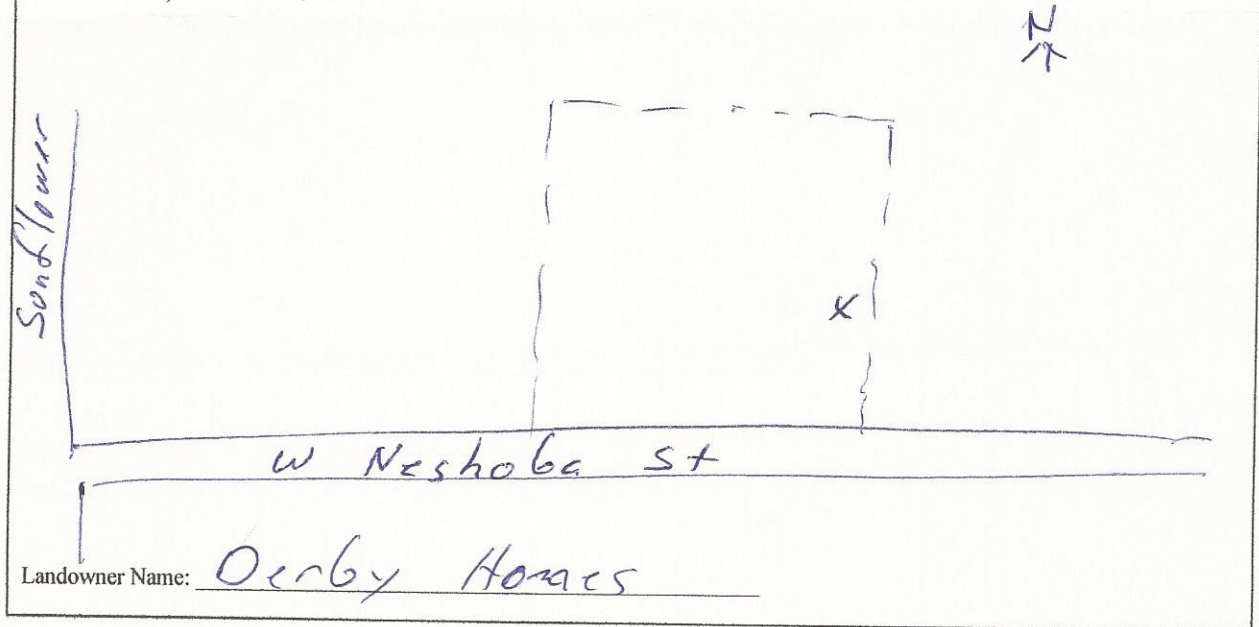


Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

Description of Formations Encountered	From (depth)	To (depth)
Clay	Ground Level	10
Clay & Sand	10	50
Clay	50	90
Sand	90	120
Clay	120	160
Sand	160	180

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.



Form: OLWR-SWR-1A

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.

Garry Lentz 0-794 4-28-08 _____
 Print Name of Responsible Licensee and License No. Date Signature of Licensee

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STATE WELL REPORT

Part 2

County: Hancock
 Permit #: _____
 Driller: Garry Lentz
 Date completed: 4-27-08
Copy information from block on Part 1

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)

For Office Use Only:

Aquifer: _____
 Well #: 0-795
 Elevation: 1178

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.

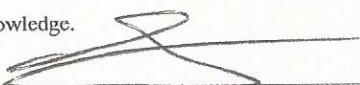
Well Owner Information	Well Location
Owner Name: <u>Derby Homes</u>	Latitude: <u>30 16 66.2</u> Longitude: <u>89 26 81.4</u>
Mailing Address: <u>41758 Leonard Ave</u>	Method of Lat/Long (check one): Conventional Survey <input type="checkbox"/> , USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
<u>Lohigh Arava FL 33973</u> <small>City State Zip Code</small>	<u>SE</u> ¼ <u>NE</u> ¼ Sec <u>12</u> T <u>9S</u> R <u>15W</u>
Telephone No. <u>(239) 303-3580</u>	Distance Direction Nearest Town <u>6</u> Miles <u>W</u> of <u>Waveland</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input type="checkbox"/> <u>Submersible</u> <input checked="" type="checkbox"/>	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston Turbine	<u>Electric Motor</u> <input checked="" type="checkbox"/> Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>1/2</u>
Date Pump Installed: <u>4-28-08</u>	Setting Depth: <u>60</u> feet
Rated Pump Capacity: <u>12</u> Gallons Per Minute	Number of Stages: _____

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>4-28-08</u>	Air Line Electric Measuring Line <u>Steel Tape</u> <input checked="" type="checkbox"/>
Static Water Level (A): <u>10</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>40</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>30</u> Feet Below Land Surface	Well yielded <u>20</u> GPM with a drawdown of
Test Pumping Rate: <u>20</u> Gallons Per Minute	<u>30</u> feet after <u>4</u> hours of pumping
Duration of Pump Test (minimum 4 hours): <u>4</u> hours	

I HEREBY CERTIFY that the above statements are true to the best of my knowledge.

Garry Lentz 0-794
 Print Name of Pump Installer and License No. (if applicable)


 Signature of Pump Installer

Form: OLWR-SWR-1B

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