

# 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 #: J394  
L. S. Elevation: \_\_\_\_\_  
E-log #: \_\_\_\_\_

County: Harrison  
Permit #: 0239  
Driller: McGill Pump & Well  
Date drilling completed: 11/23/11

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>Garlen Homes</u>	Latitude: <u>30° 23' 34"</u> Longitude: <u>89° 16' 21"</u>
Mailing Address: <u>LOT 30 MAGNOLIA WAY</u> <u>PASS CHRISTIAN</u> <u>MS. 39571</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
City: _____ State: _____ Zip Code: _____	<u>1R 1/4 1R 1/4 Sec. 39 Twn 7S Rng 13W</u>
Telephone No. <u>(228) 206-6223</u>	Distance: <u>10</u> Miles Direction: <u>EAST</u> of Nearest Town: <u>Gulfport</u>

### Well / Borehole Data

Date drilling started: 11/22/11 Date drilling completed: 11/23/11 Hole depth: 480 Hole diameter: 4" x 2"

Location of the source of any surface water used for drilling: WATER WELL  
Method of dosing and volume of Chlorine used in drilling and development: \_\_\_\_\_

Logs run (circle all applicable): No log run Electric Gamma Ray Density Sonic Neutron Other: \_\_\_\_\_  
Name of organization running log(s): \_\_\_\_\_

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 Backwash Other (describe) \_\_\_\_\_

Static Water Level: 90 feet above or below (circle one) land surface Date measured: 11/23/11

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

Well depth: 480 Well grouted to a depth of 10 feet Type of grout (circle one) Neat Cement Bentonite Mix

Casing length: 460' feet Casing diameter: 4x2 inches Type of casing: PVC

Screen length: 20' feet Screen diameter: 2" inches Type of screen: PVC

Screen slot size: .0006 inches Setting depth: From 460 feet to 480 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: 200' feet. If telescoped or more than one screen, describe on next page

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)

**For Office Use Only:**

Aquifer: \_\_\_\_\_  
 Well #: J394  
 Elevation: \_\_\_\_\_

County: Harrison  
 Permit #: 0239  
 Driller: McGill Pump & Well  
 Date completed: 11/23/11  
Copy information from block on Part 1

*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>Garlon Homes</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>LOT 30 Magnolia walk</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Pass Christian Ms 39571</u>	USGS quad _____ Hand-held GPS _____ Survey-grade GPS _____
City State Zip Code	_____ 1/4 _____ 1/4 Sec <u>39</u> T <u>7S</u> R <u>13W</u>
Telephone No. ( <u>228</u> ) <u>266-6223</u>	Distance Direction <u>35</u> Nearest Town
	<u>10</u> Miles <u>East</u> of <u>Gulfport</u>

Pump Type Circle one	Power Type Circle one
Air Lift <input type="checkbox"/> Jet <input type="checkbox"/> <u>Submersible</u>	Diesel Engine <input type="checkbox"/> Gasoline Engine <input type="checkbox"/> Natural Gas <input type="checkbox"/>
Bucket <input type="checkbox"/> Piston <input type="checkbox"/> Turbine <input type="checkbox"/>	<u>Electric Motor</u> <input type="checkbox"/> Hand <input type="checkbox"/> Tractor PTO <input type="checkbox"/>
Centrifugal <input type="checkbox"/> Rotary <input type="checkbox"/> Flowing Well <input type="checkbox"/>	Windmill <input type="checkbox"/> Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>1</u>
Date Pump Installed: <u>11/23/11</u>	Setting Depth: <u>120</u> feet
Rated Pump Capacity: <u>18</u> Gallons Per Minute	Number of Stages: <u>8</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>11/23/11</u>	Air Line <input type="checkbox"/> Electric Measuring Line <input type="checkbox"/> <u>Steel Tap</u>
Static Water Level (A): <u>80</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>120</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>14</u> Feet Below Land Surface	Well yielded <u>18</u> GPM with a drawdown of
Test Pumping Rate: <u>18</u> Gallons Per Minute	<u>15</u> feet after <u>12</u> hours of pumping
Duration of Pump Test (minimum 4 hours): <u>12</u> hours	

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

Michelle McGill Sr. 0239  
 Print Name of Pump Installer and License No. (if applicable)

Michael McGill Sr.  
 Signature of Pump Installer

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Form: OLWR-SWR-1B

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