

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 #: J393
L. S. Elevation: _____
E-log #: _____

County: Harrison
Permit #: 0239
Driller: McGill Pump & Well
Date drilling completed: 8/24/12

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 <i>(Landowner if borehole is not for a water well)</i>	Well or Borehole Location
Owner Name: <u>Gaila Homes</u>	Latitude: <u>30° 23' 35"</u> Longitude: <u>89° 16' 23"</u>
Mailing Address: <u>Lot 28</u> <u>Magnolia Walk</u> <u>P.C. Nbs 39371</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
City: _____ State: _____ Zip Code: _____	1R $\frac{1}{4}$ 1R $\frac{1}{4}$ Sec. <u>39</u> Twn <u>75</u> ^{OK} Rng <u>13W</u>
Telephone No. <u>228 206-6223</u>	Distance _____ Direction <u>35 EAST</u> of Nearest Town <u>GPT</u>

Well / Borehole Data

Date drilling started: 8-22-12 Date drilling completed: 8-24-12 Hole depth: 500 Hole diameter: 4 1/2

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: 80 feet above or below (circle one) land surface: _____ Date measured: 8-24-12

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

Well depth: 500 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 480 feet Casing diameter: 4 1/2 inches Type of casing: PVC

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

Screen slot size: 1.0006 inches Setting depth: From 480 feet to 500 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 #: J393

Elevation: _____

County: Harrison
 Permit #: 0239
 Driller: McBirl Pump & Well
 Date completed: 8/24/12
 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 28</u> <u>Magnolia Walk</u> <u>P.O. Box 39571</u>	Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
City: _____ State: _____ Zip Code: _____	<u>1R</u> 1/4 <u>1R</u> 1/4 Sec. <u>39</u> T. <u>7S</u> R. <u>13W</u>
Telephone No. <u>228) 206-6223</u>	Distance _____ Direction <u>35</u> Nearest Town _____ <u>10</u> Miles <u>EAST</u> of <u>GPT</u>

Pump Type Circle one	Power Type Circle one
Air Lift: Jet <input type="checkbox"/> <u>Submersible</u>	Diesel Engine <input type="checkbox"/> Gasoline Engine <input type="checkbox"/> Natural Gas <input type="checkbox"/>
Bucket: 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: 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>8-24-12</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>8-24-12</u>	Air Line <input type="checkbox"/> Electric Measuring Line <input type="checkbox"/> <u>Steel Tape</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>15</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	

Michael McBirl Sr. 0239 Michael McBirl

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