

County: Hancock
 Permit #: _____
 Driller: Garry Lentz
 Date drilling completed: 2-26-08

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 #: K-853
 L. S. Elevation: M172
 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 <i>(Landowner if borehole is not for a water well)</i>	Well or Borehole Location
Owner Name: <u>Derby Homes</u>	Latitude: <u>30° 17' 19.2"</u> Longitude: <u>89° 26' 7.98"</u>
Mailing Address: <u>8014 W Lowmider</u> <u>Bay St Louis</u>	Method of Lat/Long (circle one): <u>Hand-held GPS</u> Conventional Survey
City: _____ State: <u>Ms</u> Zip Code: <u>39520</u>	USGS quad: <u>NE 1/4 SE 1/4 Sec 1</u> Twn: <u>9S</u> Rng: <u>14W</u>
Telephone No: <u>239) 303-3586</u>	Distance: <u>6</u> Miles Direction: <u>W</u> of Nearest Town: <u>Waveland</u>

Well / Borehole Data

Date drilling started: 2-25-08 Date drilling completed: 2-26-08 Hole depth: 170' Hole diameter: 5.5"

Location of the source of any surface water used for drilling: Waveland City Water
 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 N/A Other (describe) _____

Static Water Level: 10 feet above or below (circle one) land surface Date measured: 2-26-08

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

Well depth: 165 Well grouted to a depth of 10 feet Type of grout (circle one) Neat Cement Bentonite Mix

Casing length: 155 feet Casing diameter: 4 inches Type of casing: PVC

Screen length: 10 feet Screen diameter: 4 inches Type of screen: PVC

Screen slot size: 6 inches Setting depth: From 155 feet to 165 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

8014-16 W Lowmider

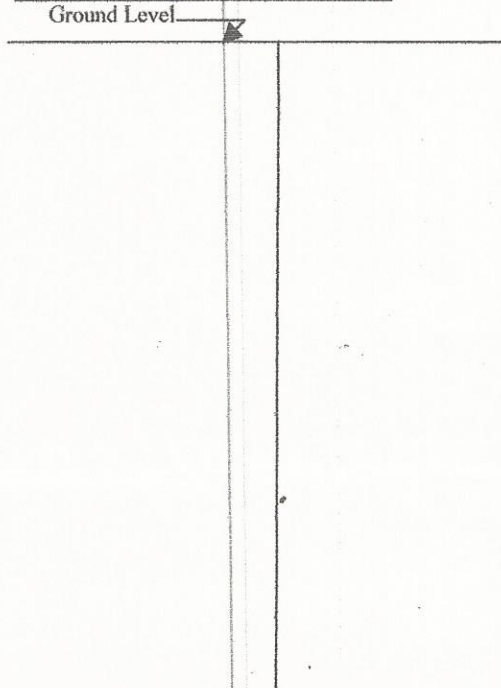
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BY: OLWR

~~A-853~~
M172

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

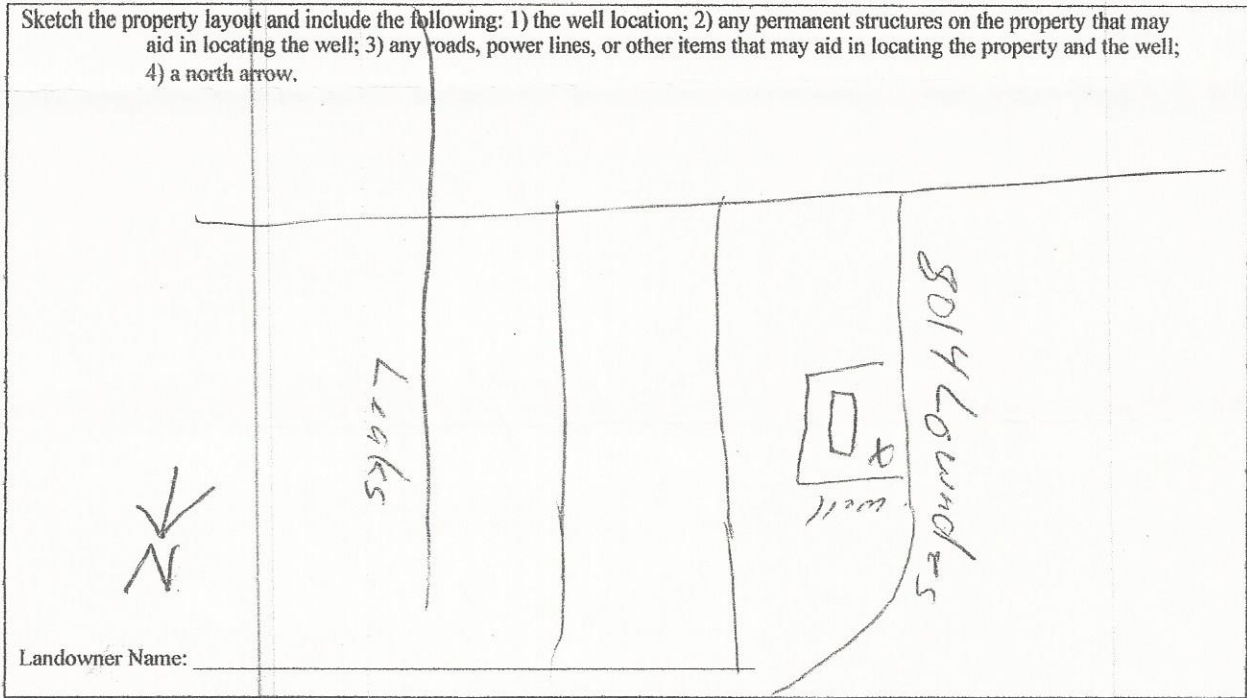
If well telescopes, show depths on sketch.



Description of Formations Encountered	From (depth)	To (depth)
Clay	Ground Level	15
Sand Brown	15	20
Sand Black	20	30
Sand Tan	30	60
Sand & Clay	60	90
Sand Tan	90	130
Sand & Clay	130	150
Sand Tan	150	170

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: _____

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 Lutz 0-794 3-17-08

Print Name of Responsible Licensee and License No.

Date

Signature of Licensee

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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 2309
 Jackson, MS 39225
 (601)961-5210
 (601)961-5228 (fax)

For Office Use Only:

Aquifer: _____
 Well #: ~~853~~
 Elevation: 1172

County: Hancock
 Permit #: _____
 Driller: Garry Lantz
 Date completed: 2-26-08
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>Darby Homes</u>	Latitude: <u>30.17.192</u> Longitude: <u>089.26.788</u>
Mailing Address: <u>8014 W Lowinder</u>	Method of Lat/Long (check one): Conventional Survey _____ USGS quad <u>Hand-held GPS</u> , Survey-grade GPS _____
<u>Bay St. Louis</u> MS <u>39520</u>	<u>NE</u> ¼ <u>SE</u> ¼ Sec <u>1</u> T <u>9S</u> R <u>15W</u>
City State Zip Code	Distance Direction Nearest Town
Telephone No. () _____	<u>6</u> Miles <u>W</u> of <u>Waveland</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input type="radio"/> <input checked="" type="radio"/> <u>Submersible</u>	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston <input type="radio"/> Turbine <input type="radio"/>	<input checked="" type="radio"/> <u>Electric Motor</u> Hand <input type="radio"/> Tractor PTO
Centrifugal Rotary <input type="radio"/> Flowing Well <input type="radio"/>	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>1/2</u>
Date Pump Installed: <u>6-20-08</u>	Setting Depth: <u>60</u> feet
Rated Pump Capacity: <u>12</u> Gallons Per Minute	Number of Stages: <u>7</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>6-20-08</u>	Air Line Electric Measuring Line <input checked="" type="radio"/> <u>Steel Tape</u>
Static Water Level (A): <u>10</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>30</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>20</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>20</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 Lantz 0794
 Print Name of Pump Installer and License No. (if applicable)


 Signature of Pump Installer

Form: OLWR-SWR-1B (04/08)

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