

County: Warren
 Permit #: _____
 Driller: Office of Geology
 Date drilling completed: 9/20/06

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: N
 Well #: 46
 L. S. Elevation: _____
 E-log #: N-0046

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>Butford Partners LP</u>	Latitude: <u>32° 14' 57"</u> Longitude: <u>90° 46' 39"</u>
Mailing Address: <u>225 CJ Fisher Drive</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, <u>Hand-held GPS</u> , Survey-grade GPS
<u>Vicksburg MS 39180</u> City State Zip Code	<u>NW</u> ¼ <u>NE</u> ¼ Sec <u>26</u> Twn <u>15N</u> Rng <u>4E</u>
Telephone No. (____) _____	Distance Direction Nearest Town <u>14</u> Miles <u>S</u> of <u>Vicksburg</u>
Well / Borehole Data	
Date drilling started: <u>9/19/06</u> Date drilling completed: <u>9/20/06</u> Hole depth: <u>280</u> Hole diameter: <u>5"</u>	
Location of the source of any surface water used for drilling: <u>Hammer Bayou</u>	
Method of dosing and volume of Chlorine used in drilling and development: <u>1 gal / 1000 water</u>	
Logs run (circle all applicable): No log run <input checked="" type="checkbox"/> Electric <input checked="" type="checkbox"/> Gamma Ray <input type="checkbox"/> Density <input type="checkbox"/> Sonic <input type="checkbox"/> Neutron <input type="checkbox"/> Other: _____	
Name of organization running log(s): <u>Office of Geology</u>	
Purpose of borehole (check one): Water Well <input type="checkbox"/> Geotechnical/Geological Investigation <input checked="" type="checkbox"/> Ground Source Heat Pump <input type="checkbox"/> Seismic Survey <input type="checkbox"/> 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 type="checkbox"/> Industrial <input type="checkbox"/> Public Supply <input type="checkbox"/> Irrigation <input type="checkbox"/> Fish Culture <input type="checkbox"/> Other: _____	
If a flowing well, method of flow regulation: Valve _____ Other (describe) _____	
Static Water Level: _____ feet above or below (circle one) land surface Date measured: _____	
Method of Measurement (circle one) steel tape electric tape air line other: _____	
Well depth: _____ Well grouted to a depth of _____ feet Type of grout (circle one): Neat Cement Bentonite Mix	
Casing length: _____ feet Casing diameter: _____ inches Type of casing: _____	
Screen length: _____ feet Screen diameter: _____ inches Type of screen: _____	
Screen slot size: _____ inches Setting depth: From _____ feet to _____ 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. <i>If telescoped or more than one screen, describe on next page</i>	

Form: OLWR-SWR-1A

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W-46

The sketch below only required for water wells
If well telescopes, show depths on sketch.
Ground Level \rightarrow

The sketch area is a large rectangular box with a horizontal line at the top labeled 'Ground Level' with an arrow pointing to the right. The rest of the box is empty.

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)
sand	Ground Level	15
Clay	15	42
sand	43	46
Clay	46	152
sand	152	160
Clay	160	170
sand	170	280
sand	180	185
Clay	185	186
sand	186	198
sand	198	213
Clay	213	228
Rock + Clay	228	280
To Bottom		

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: Pete Buford

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.

Print Name of Responsible Licensee and License No. Cletus Magee 0-619 Date 10/4/06 Signature of Licensee Cletus Magee

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