

**STATE WELL REPORT**

**Part I - 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)

County: Desoto  
 Permit # \_\_\_\_\_  
 Driller: David Walker  
 Date drilling completed: 11/1/2000

**For Office Use Only:**  
 Aquifer: \_\_\_\_\_  
 Well #: B082  
 L.S. Elevation: \_\_\_\_\_  
 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.*

<p><b>Information on Well Owner</b>  <i>(Landowner if borehole is not for a water well)</i>                  Owner Name <u>City of Horn Lake</u>                  Mailing Address: <u>2285 Goodman Road</u>  <u>Horn Lake MS 38637</u>                  City State Zip Code                  Telephone No. <u>(662) 393-9897</u></p>	<p><b>Well or Borehole Location</b>                  Latitude: _____ Longitude: _____                  Method of Lat/Long (circle one): <u>Conventional Survey</u>,  <u>USGS quad, Hand-held GPS, Survey-grade GPS</u>                  1/4 _____ 1/4 Sec <u>33</u> Twn <u>1 S</u> Rng <u>8 W</u>                  Distance _____ Direction _____ Nearest Town _____                  Miles _____ of _____</p>
<p><b>Well / Borehole Data</b></p>	
Date drilling started: <u>10/27/00</u> Date drilling completed: <u>11/1/00</u> Hole depth: <u>523'</u> Hole diameter: <u>117/8"</u> Location of the source of any surface water used for drilling: <u>NA</u> Method of dosing and volume of Chlorine used in drilling and development: _____ Logs run (circle all applicable): No log run <u>Electric</u> Gamma Ray Density Sonic Neutron Other: _____ Name of organization running log(s): <u>Layne</u> Purpose of borehole (check one): Water Well <input checked="" type="checkbox"/> Geotechnical/Geological Investigation <input type="checkbox"/> Ground Source Heat Pump <input type="checkbox"/> Seismic Survey <input type="checkbox"/> Other (describe) <u>Test well that was abandoned</u> <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 checked="" type="checkbox"/> Irrigation <input type="checkbox"/> Fish Culture <input type="checkbox"/> Other: _____ If a flowing well, method of flow regulation: Valve <u>NA</u> Other (describe) <u>NA</u> Static Water Level: <u>106'</u> feet above or <u>below</u> (circle one) land surface Date measured: <u>11-1-00</u> Method of Measurement (circle one) steel tape <u>electric tape</u> airline other: _____ Well depth: <u>455'</u> Well grouted to a depth of <u>NA</u> feet Type of grout (circle one) Near Cement Bentonite Mix Casing length: <u>405'</u> feet Casing diameter: <u>6"</u> feet Type of casing: <u>PVC</u> Screen length: <u>50</u> feet Screen diameter: <u>6"</u> inches Type of screen: <u>PVC</u> Screen slot size: <u>.010</u> inches Setting depth: From <u>405</u> feet to <u>455</u> feet Type of completion (circle all applicable): <u>Gravel packed</u> Underreamed Telescoped Open hole Natural Development Other (describe): _____ Top of lap pipe or reduction in casing: <u>NA</u> feet <i>If telescoped or more than one screen, describe on next page</i>	

Form: OLWR-SWR-1A

Test Hole for B0082

PA 11/15/2000

