

County: MADISON  
 Permit #: GW-16230  
 Driller: LAYNE-CENTRAL  
 Date Drilling Completed: \_\_\_\_\_

**Well Driller Report and Well 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 #: W-97  
 L. S. Elevation: \_\_\_\_\_  
 E-Log #: \_\_\_\_\_

*State Law requires that this report be prepared by the driller in detail and filed with the Department within 30 days of completion of drilling of the well.*

Information on Well Owner <i>(Landowner if borehole is not for a water well)</i>	Well or Borehole Location
Owner Name <u>PEARL RIVER VALLEY WSD</u>	Latitude: <u>N 32' 24.356<sup>21</sup></u> Longitude: <u>W 090' 05.418<sup>25</sup></u>
Mailing Address: <u>PO BOX 2180</u>	Method of Lat/Long (circle one): <input type="checkbox"/> Conventional Survey
<u>RIDGELAND MS 39158</u>	USGS quad, <input checked="" type="checkbox"/> Hand-Held GPS, <input type="checkbox"/> Survey-grade GPS
City State Zip Code	<u>1/4 1/4 Sec 33 Twn 7N Rng 2E</u>
Telephone No. <u>(601) 856-6574</u>	Distance Direction Nearest Town
	<u>1 Miles EAST of RIDGELAND</u>

**Well Data**

Purpose of Well (circle one): Home Industrial  Public Supply Irrigation Fish Culture Other: \_\_\_\_\_

Date well drilling started: 5/4/06 Date well drilling completed: \_\_\_\_\_

If flowing, method of flow regulation: Valve -- Other (describe) \_\_\_\_\_

Static Water Level: 260 feet above or  below (circle one) land surface Date Measured: 10/22/06

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

Hole depth: 1185' Well depth: 1185' Well grouted to a depth of: 1090 feet

Type of grout (circle one):  Cement  Bentonite  Mix

Casing length: 1090 feet Casing diameter: 16 inches Type of casing: STEEL

Screen length: 80 feet Screen diameter: 10 inches Type of screen: STAINLESS STEEL

Screen slot size: 0.025 inches Setting depth: From 1100 feet to 1180 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: 1015 feet. *If telescoped or more than one screen, describe on back of page.*

Logs run (circle all applicable): No log run  Electric  Gamma Ray  Density  Sonic  Neutron Other: \_\_\_\_\_

Name of organization running log(s): LAYNE-CENTRAL, JACKSON, MS

I certify that the well was drilled, constructed and completed in accordance with applicable requirements of the Mississippi Department of Environmental Quality and the Mississippi Department of Health regulations and state laws.

DAVE COOK 692  
 Print Name of Water Well Contractor and License No.

*Dave Cook*  
 Signature of Water Well Contractor

*Well mayor may not be used as planned with PAV's Haba well*

**RECEIVED**  
 NOV 27 2006  
 BY: OLWR

Ground Level	Description of Formations Encountered	From	To
	TOP SOIL	0	5
	WHITE CLAY	5	35
	BLUE CLAY	35	292
	SANDY SHALE (LIGNITE)	292	336
	HARD SHALE & SAND STREAKS	336	424
	SOFT CLAY & SHALE STREAKS	424	520
	SAND & SHALE STREAKS	520	540
	SAND	540	605
	SAND & SHALE STREAKS	605	650
	SHALE & SAND STREAKS	650	750
	HARD SHALE	750	860
	SANDY SHALE & LIGNITE	860	1080
	SAND (LIGNITE) HARD	1080	1194
	HARD SHALE	1194	1209

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) indicate direction.

NOT TO SCALE

Landowner's Name: PEARL RIVER VALLEY WATER SUPPLY DISTRICT

*Paul Cook*  
 Signature of Water Well Contractor