

County: Marshall  
 Permit #: 0-162  
 Driller: Larry Cooper  
 Date drilling completed: 12-27-05

**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)

For Office Use Only:  
 Aquifer: \_\_\_\_\_  
 Well #: R-50  
 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.

Information on Well Owner (Landowner if borehole is not for a water well)	Well or Borehole Location
Owner Name: <u>William Smiddy</u> Mailing Address: <u>P.O. Box 84</u> <u>Waterford</u> <u>Ms.</u> <u>38685</u> City State Zip Code Telephone No. <u>(662) 252-1320</u>	Latitude: _____ Longitude: _____ Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS _____ 1/4 _____ 1/4 Sec. <u>32</u> Twn <u>55</u> Rng <u>4W</u> Distance <u>3</u> Miles Direction <u>Southeast</u> of Nearest Town <u>Waterford</u>
Well / Borehole Data	
Date drilling started: <u>12-27-05</u> Date drilling completed: <u>12-27-05</u> Hole depth: <u>130'</u> Hole diameter: <u>8"</u> Location of the source of any surface water used for drilling: <u>Well Water</u> Method of dosing and volume of Chlorine used in drilling and development: <u>1/2 Pk Chlorine to 100' Test Water</u> Logs run (circle all applicable): <u>No log run</u> Electric Gamma Ray Density Sonic Neutron Other: _____ Name of organization running log(s): _____ Purpose of borehole (check one): Water Well <input checked="" type="checkbox"/> Geotechnical/Geological Investigation _____ Ground Source Heat Pump _____ Seismic Survey _____ 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 checked="" type="checkbox"/> Industrial _____ Public Supply _____ Irrigation _____ Fish Culture _____ Other: _____ If a flowing well, method of flow regulation: Valve _____ Other (describe) _____ Static Water Level: <u>75</u> feet above or <u>below</u> (circle one) land surface Date measured: <u>12-27-05</u> Method of Measurement (circle one) <u>steel tape</u> electric tape air line other: _____ Well depth: <u>130'</u> Well grouted to a depth of <u>10</u> feet Type of grout (circle one) <u>Neat Cement</u> Bentonite Mix Casing length: <u>120</u> feet Casing diameter: <u>4</u> inches Type of casing: <u>PVC</u> Screen length: <u>10</u> feet Screen diameter: <u>4</u> inches Type of screen: <u>PVC</u> Screen slot size: <u>.013</u> inches Setting depth: From <u>120</u> feet to <u>130</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: _____ feet. <i>If telescoped or more than one screen, describe on next page</i>	

Form: OLWR-SWR-1A

RECEIVED  
 JAN 23 2006  
 BY: OLWR



# 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)

County: Marshall  
 Permit #: 0-162  
 Driller: Larry Carpenter  
 Date completed: 12-27-05  
Copy information from block on Part 1

**For Office Use Only:**

Aquifer: \_\_\_\_\_  
 Well #: R-50  
 Elevation: \_\_\_\_\_

*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>William Smiddy</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>P.O. Box 84</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Waterford</u> <u>Ms.</u> <u>38685</u>	USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
City State Zip Code	<u>1/4</u> <u>1/4</u> Sec. <u>32 T55 R4W</u>
Telephone No. <u>(662) 551-1320</u>	Distance Direction Nearest Town
	<u>3 Miles SE of Waterford</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 Tractor PTO
Centrifugal Rotary <input type="radio"/> Flowing Well <input type="radio"/>	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>3/4</u>
Date Pump Installed: <u>12-27-05</u>	Setting Depth: <u>100</u> feet
Rated Pump Capacity: <u>12</u> Gallons Per Minute	Number of Stages: <u>11</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>12-27-05</u>	Air Line Electric Measuring Line <input checked="" type="radio"/> <u>Steel Tape</u>
Static Water Level (A): <u>75</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>79</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B)-(A)]: <u>4</u> Feet Below Land Surface	Well yielded <u>16</u> GPM with a drawdown of
Test Pumping Rate: <u>16</u> Gallons Per Minute	<u>4</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.

LARRY CARPENTER 0-162 Larry Carpenter  
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

**RECEIVED**  
 Form: OLWR-SWR-1B  
 JAN 23 2006  
**BY: OLWR**