

County: Lauderdale  
 Permit #: \_\_\_\_\_  
 Driller: Clardy  
 Date drilling completed: 8/31/10

**State Well Report**  
**Part 1 - Driller's Log**  
 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: E 31  
 Well #: \_\_\_\_\_  
 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></p> <p>Owner Name <u>Dr. Walter Carby</u>        Mailing Address: <u>605 Kemnigton Pl.</u>  <u>Columbus, MS 39705</u>        City State Zip Code        Telephone No. <u>662 352-6762</u></p>	<p><b>Well or Borehole Location</b></p> <p>Latitude: <u>N 83° 30' 35" W</u> Longitude: <u>088° 35' 53" W</u>        Method of Lat/Long (circle one): Conventional Survey,        USGS quad, <u>Hand-held GPS</u>, Survey-grade GPS  <u>NE 1/4 NW, Sec 23 Twn 19N Rng 16E</u>        Distance <u>7</u> Miles <u>W</u> of <u>Columbus</u></p>
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**Well / Borehole Data**

Date drilling started: 8/30 Date drilling completed: 8/31 Hole depth: 302 Hole diameter: 4"

Location of the source of any surface water used for drilling: \_\_\_\_\_  
 Method of dosing and volume of Chlorine used in drilling and development: 2 1/2# granular

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 \_\_\_\_\_ Other (describe) \_\_\_\_\_

Static Water Level: 94 feet above or below (circle one) land surface Date measured: 8/31/10

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

Well depth: 302 Well grouted to a depth of 20 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 238 feet Casing diameter: 4 inches Type of casing: PVC

Screen length: 40 feet Screen diameter: 2 inches Type of screen: PVC

Screen slot size: .013 inches Setting depth: From 259 feet to 299 feet

Type of completion (circle all applicable): Gravel packed Underreamed Telescoped Open hole Natural Development  
 Other (describe): \_\_\_\_\_

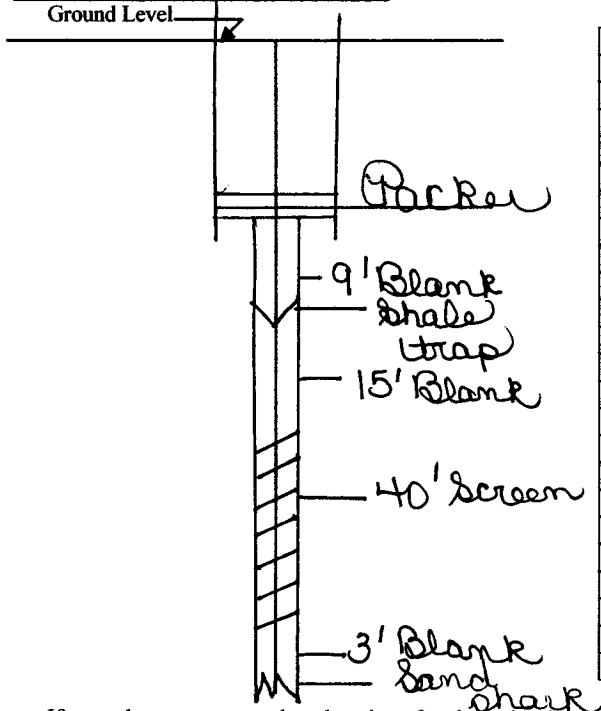
Top of lap pipe or reduction in casing: 5 feet. *If telescoped or more than one screen, describe on next page*

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

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The sketch below only required for water wells

If well telescopes, show depths on sketch.



If more than one screen, show location of each on sketch

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)
Brown Clay	Ground Level	6
White Clay	6	17
Blue clay	17	20 1/2
Clay	20 1/2	21 1/2
Rock	22 0	22 1/2
Sandy clay	22 1/2	22 6
Clay	22 6	22 8
Sandy clay	22 8	24 1/2
Fine sand	24 1/2	24 1/2
Rock	24 1/2	24 8 1/2
Rocky fine sand	24 8 1/2	29 5
Sandy clay	29 5	30 2

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: Dr. Walter Cosby

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

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.

UNTR0000-496  
Donald B. Clardy     9/14/10

*[Signature]*

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)

County: Sounder  
 Permit #: \_\_\_\_\_  
 Driller: Clardy  
 Date completed: 9/1/10  
*Copy information from block on Part 1*

**For Office Use Only:**

Aquifer: E31  
 Well #: \_\_\_\_\_  
 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>Dr. Walter Cooby</u>	Latitude: <u>33° 30.357</u> Longitude: <u>88° 35.538</u>
Mailing Address: <u>605 Kensington</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Columbus, MS 39105</u>	USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
City State Zip Code	Distance _____ Direction _____ Nearest Town _____
Telephone No. (____) _____	<u>1</u> Miles <u>W</u> of <u>Columbus</u>

Pump Type Circle one	Power Type Circle one
Air Lift <input type="checkbox"/> Jet <input type="checkbox"/> <b>Submersible</b> <input checked="" type="checkbox"/>	Diesel Engine <input type="checkbox"/> Gasoline Engine <input type="checkbox"/> Natural Gas <input type="checkbox"/>
Bucket <input type="checkbox"/> Piston <input type="checkbox"/> Turbine <input type="checkbox"/>	<b>Electric Motor</b> <input checked="" type="checkbox"/> Hand <input type="checkbox"/> Tractor PTO <input type="checkbox"/>
Centrifugal <input type="checkbox"/> Rotary <input type="checkbox"/> Flowing Well <input type="checkbox"/>	Windmill <input type="checkbox"/> Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>3 hp.</u>
Date Pump Installed: <u>9/1/10</u>	Setting Depth: <u>180</u> feet
Rated Pump Capacity: <u>25</u> Gallons Per Minute	Number of Stages: <u>15</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>9/1/10</u>	Air Line <input type="checkbox"/> Electric Measuring Line <input type="checkbox"/> <b>Steel Tape</b> <input checked="" type="checkbox"/>
Static Water Level (A): <u>94</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): _____ Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: _____ Feet Below Land Surface	Well yielded _____ GPM with a drawdown of _____ feet after _____ hours of pumping
Test Pumping Rate: <u>30</u> Gallons Per Minute	
Duration of Pump Test (minimum 4 hours): _____ hours	

This is for (circle one): **New Well** Replacement of Existing Pump Repair of Existing Pump

I HEREBY CERTIFY that the above statements are true to the best of my knowledge.

Donald B Clardy UNR-00000 496 Donald B Clardy  
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

Form: OLWR-SWR-1C (07-09)

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