

County: Jackson
 Permit #: 0-780
 Driller: W. Joel Pierce
 Date drilling completed: 11-10-06

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: _____
 Well #: C-107
 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>Information on Well Owner <i>(Landowner if borehole is not for a water well)</i></p> <p>Owner Name: <u>Drew Hopper</u> Mailing Address: <u>High 613 South</u> <u>Hannibal MS 39562</u> City State Zip Code Telephone No. () <u>696-9842</u></p>	<p>Well or Borehole Location</p> <p>Latitude: <u>38° 30' 50" N</u> Longitude: <u>90° 42' 136" W</u> Method of Lat/Long (circle one): Conventional Survey, USGS quad, <u>Hand-held GPS</u>, Survey-grade GPS SW ¼ SE ¼ Sec <u>18</u> Twn <u>45</u> Rng <u>6W</u> Distance Direction Nearest Town <u>6</u> Miles <u>North</u> of <u>Hannibal</u></p>
<p>Well / Borehole Data</p> <p>Date drilling started: <u>11-10-06</u> Date drilling completed: <u>11-10-06</u> Hole depth: <u>50</u> Hole diameter: <u>2</u> Location of the source of any surface water used for drilling: <u>Aquifer MS</u> Method of dosing and volume of Chlorine used in drilling and development: <u>4 gal to 2000 gal 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>8</u> feet above or below (circle one) land surface Date measured: <u>11-10-06</u> Method of Measurement (circle one) steel tape electric tape <u>air line</u> other: _____ Well depth: <u>50</u> Well grouted to a depth of <u>10</u> feet Type of grout (circle one): Neat Cement <u>Bentonite</u> Mix Casing length: <u>40</u> feet Casing diameter: <u>2</u> inches Type of casing: <u>Sch 40 Plain</u> Screen length: <u>10</u> feet Screen diameter: <u>2</u> inches Type of screen: <u>Sch 80</u> Screen slot size: <u>8</u> inches Setting depth: From <u>0</u> feet to <u>50</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></p>	

Form of MSR 100-A
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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 10631
 Jackson, MS 39289-0631
 (601)961-5210
 (601)354-6938 (fax)

County: _____
 Permit #: 0-780
 Driller: W. Joel Pierce
 Date completed: _____
Copy information from block on Part 1

For Office Use Only:

Aquifer: _____
 Well #: C-107
 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>Drew Hopper</u>	Latitude: <u>88-30-838</u> Longitude: <u>30 42 136</u>
Mailing Address: <u>Hwy 613 South</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Humboldt ms 39562</u>	USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
City State Zip Code	<u>SW 1/4 SE 1/4 Sec 18 T 45 R 6W</u>
Telephone No. () <u>696-9842</u>	Distance Direction Nearest Town
	<u>6 Miles north of of Holly</u>

Pump Type Circle one	Power Type Circle one
Air Lift <input type="checkbox"/> Jet <input checked="" type="checkbox"/> Submersible	Diesel Engine Gasoline Engine Natural Gas
Bucket <input type="checkbox"/> Piston <input type="checkbox"/> Turbine	<input checked="" type="checkbox"/> Electric Motor Hand Tractor PTO
Centrifugal <input type="checkbox"/> Rotary <input type="checkbox"/> Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>1</u>
Date Pump Installed: <u>11-10-06</u>	Setting Depth: <u>30 Feet inside Pipe</u> feet
Rated Pump Capacity: <u>10</u> Gallons Per Minute	<u>40 FT casing 10 Feet Sea</u>
	Number of Stages: <u>2</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>11-10-06</u>	<input checked="" type="checkbox"/> Air Line <input type="checkbox"/> Electric Measuring Line <input type="checkbox"/> Steel Tape
Static Water Level (A): <u>8</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>20</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>6</u> Feet Below Land Surface	Well yielded <u>9</u> GPM with a drawdown of
Test Pumping Rate: <u>10</u> Gallons Per Minute	<u>3</u> feet after <u>7</u> hours of pumping
Duration of Pump Test (minimum 4 hours): <u>7</u> hours	

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

JOEL PIERCE 0-780 Joel Pierce
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

Form: OLWR-SWR-1B
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