

# STATE WELL REPORT

0250015 04

County: Hinds  
 Permit #: BW16891  
 Driller: Donald Smith Co., Inc  
 Date drilling completed: 8/15/12

**Part 1**  
**Driller's Log**  
 Mississippi Department of Environmental Quality  
 Office of Land and Water Resources  
 P.O. Box 2309  
 Jackson, MS 39225-2309  
 (601)961-5210  
 (601)360-0535 (fax)

**For Office Use Only:**

Well #: \_\_\_\_\_  
 Aquifer: B33  
 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.*

Well Owner Information <small>(Landowner if borehole is not for a water well)</small>	Well or Borehole Location
Owner Name: <u>North Hinds Water Assoc</u>	Latitude: <u>32 27 09N</u> Longitude: <u>90 24 12W</u>
Mailing Address: <u>P.O. Drawer 300</u>	Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
Flora, MS 39071 <small>City State Zip Code</small>	<u>SW 1/4 NE 1/4, Sec 16 T 7N R 2W</u>
Telephone No. <u>(601) 981-1657</u>	<u>7</u> Miles <u>W</u> of <u>Flora</u> <small>(Distance) (Direction) (Nearest Town)</small>

**Well / Borehole Data**

Date drilling started: 6/13/12 Date drilling completed: 8/15/12 Hole depth: 2050 Hole diameter: 26"

Location of the source of any surface water used for drilling: Public Water Supply

Method of dosing and volume of Chlorine used in drilling and development: Potable Water Used

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

Name of organization running log(s): MS Office of Geology

Purpose of borehole (circle 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 (circle all applicable): Home  Industrial   Public Supply  Irrigation  Fish Culture

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

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

Static Water Level: 236 feet [above or  below] land surface Date measured: 8/08/2012  
(circle one)

Method of measurement (circle one): Steel tape  Electric tape  Air line  Other (describe): \_\_\_\_\_

Well depth: 1002 Well grouted to a depth of: 917 feet Type of grout (circle one):  Neat Cement  Bentonite  Mix

Casing length: 917 feet Casing diameter: 16 inches Type of casing: Carbon Steel

Screen length: 80 feet Screen diameter: 10 inches Type of screen: Stainless

Screen slot size: .025 inches Setting depth: From 922 feet to 1002 feet

Type of completion (circle all applicable):  Gravel packed  Underreamed  Open hole  Natural Development

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

Top of lap pipe or reduction in casing: 842 feet

*If telescoped or more than one screen, describe on next page*

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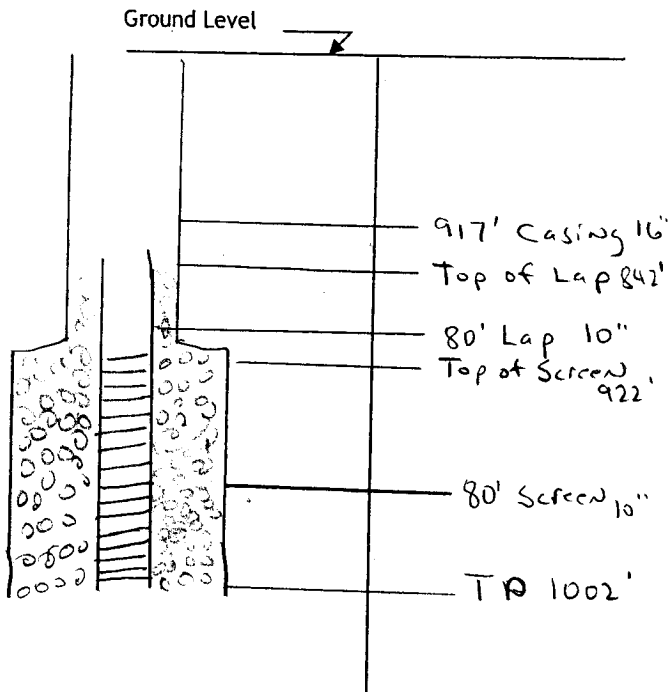
County: Hinds  
 Permit #: CW 16891

**For Office Use Only:**  
 Well #: 1333

The sketch below only required for water wells

If well telescopes, show depths 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)
	Ground level	
dirt/to clay	0	33
Clay / Sandpark / clay	33	63
Clay / Sandy Clay / Clay	63	92
mostly Clay / lignite str	92	120
clay / bks of lignite stone	120	152
Hard Shell mostly / Clay Bks	152	183
Sandy Clay / Clay	183	214
Mostly Clay / Sandy Stks	214	243
Sandy Clay / Clay Stks	243	275
Sandy Clay / Clay mostly	275	306
Clay	306	460
Mostly Clay / Sandy Clay	460	492
Sandy Clay / Clay Shell Stks	492	521
Clay mostly	521	552
Clay	552	767
Mostly Clay	767	798
Sand Clay / Sandy	798	829
Sandy Clay	829	860
Sandy Clay / Clay / Sandy Clay	860	891
Clay w / Sandy Clay Stks	891	922

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) north arrow

Landowner Name: North Hinds Water Assoc.

I HEREBY 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.

Donald Smith 0-767 5/13/13 Donald Smith  
 Print Name of Responsible Licensee and License No. Date Signature of Licensee

Driller's Log  
North Hinds - Edwards Well

March 13, 2012

B 3 3

922-953 ..... clay/sandy streak/clay  
953-983 ..... sandy clay/with sandy brks  
983-1012 ..... sandy clay  
1012-1043 ..... sandy/sandy clay strks/shell strks  
1043-1074 ..... sandy clay/hard shell brk/sandy  
1074-1105 ..... sand  
1105-1137 ..... mostly sand  
1137-1168 ..... sandy  
1168-1199 ..... sandy/sandy clay and shell strks  
1199-1230 ..... sandy clay w/shell/sandy and clay strks  
1230-1261 ..... sandy/clay streaks  
1261-1292 ..... sandy/sandy clay  
1292-1323 ..... sandy clay/shell streaks  
1323-1383 ..... shell and sandy streaks/clay  
1383-1466 ..... mostly clay  
1416-1447 ..... clay w/hard shell brk  
1447-1476 ..... clay/shelly clay  
1476-1508 ..... hrdshell/clay brks/sandy clay  
1508-1540 ..... sandy clay/sandy strks/shell & lignite  
1540-1571 ..... lignite strks/shell strks/sandy clay  
1571-1600 ..... sandy clay/sandy  
1600-1630 ..... sandy brks/sandy clay  
1630-1662 ..... sandy clay sandy  
1662-1693 ..... sandy/sandy clay/"hrd" shell brk/sandy  
1693-1724 ..... sandy mostly/sandy cly/lignite  
1727-1756 ..... sandy clay/lignite  
1756-1786 ..... sandy clay/w/lignite and shell brks  
1786-1818 ..... sandy clay  
1818-1849 ..... sandy clay/sandy  
1849-1878 ..... sandy mostly  
1878-1907 ..... sandy/sandy clay/shell/lignite strks  
1907-1938 ..... sandy clay to clay/lignite strk  
1938-1968 ..... clay/lignite & shell strks/sandy brk  
1968-1999 ..... sandy/lignite strks  
1999-2030 ..... sandy mstly/sandy clay  
2030-2050 ..... sandy clay/clay

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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 39225-2309  
 (601)961-5210  
 (601) 360-0535 (fax)

County: Hinds  
 Permit #: \_\_\_\_\_  
 Driller: Donald Smith Co., Inc  
 Date completed: 1/23/13  
Copy information from block on Part 1

**For Office Use Only:**

Well #: B33  
 Aquifer: \_\_\_\_\_

*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>North Hinds Water Assoc</u>	Latitude: <u>32 27 09N</u> Longitude: <u>90 24 12W</u>
Mailing Address: <u>PO Drawer 300</u>	Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
<u>Flora</u> , <u>ms</u> <u>39071</u>	_____ 1/4 _____ 1/4, Sec <u>16</u> T <u>7N</u> R <u>2W</u>
City State Zip Code	_____ Miles _____ of _____
Telephone No. <u>(601) 981-1657</u>	(Distance) (Direction) (Nearest Town)

**Pump Type (circle one)**

Submersible  Turbine Air Lift Centrifugal Flowing Well Jet Piston Rotary Other (describe): \_\_\_\_\_

Date Pump Installed: 9/24/2012 Rated Pump Capacity: \_\_\_\_\_ 1000 Gallons Per Minute

Is This Pump (circle one):  New Repaired Replacement

**Power Type (circle one)**

Electric Diesel Gasoline Natural Gas Tractor PTO Windmill Other (describe): \_\_\_\_\_

Horse Power Rating of Motor: 200 Setting Depth: 410 feet Number of Stages: 8

**Pump Test Data for Non Flowing Well**

Date Well Tested: 1/08/2013 Duration of Pump Test (minimum 4 hours): 4 hours

Static Water Level (A): 236 Feet Below Land Surface Pumping Water Level (B): 327 Feet Below Land Surface

Drawdown [(B) - (A)]: 91 Feet Below Land Surface Test Pumping Rate: 1001 Gallons Per Minute

Method of measurement (circle one): Steel tape Electric tape  Air line Other (describe): \_\_\_\_\_

**Pump Test Data for Flowing Well**

Measured shut in head: 0 feet.

Well yielded 1001 GPM with a drawdown of 91 feet after 4 hours of pumping

**Meter Installation**

Meter Manufacturer: McCrometer Meter Serial Number: \_\_\_\_\_

Meter Model Number/Name: M204 Type of Meter: Propeller

Totalizer Register Unit and Multiplier Factor (AF x .001, gal x 1000, etc): \_\_\_\_\_

Installation Date: 10/8/12 Meter installed by: Donald Smith Co., Inc

Is This Meter (circle one):  New Repaired Replacement

*Important: By submitting the above information you are certifying that this meter was installed to manufacturer standards. For agricultural wells, a list of approved meters is on the MDEQ website.*

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

Donald Smith Co, Inc 0-767 5/14/13 Donald Smith BY: OLWR

Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer

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