

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

**For Office Use Only:**

Well #: L149  
Aquifer: \_\_\_\_\_  
E-Log #: \_\_\_\_\_

County: Lincoln  
Permit #: \_\_\_\_\_  
Driller: GREEN WATER WELL & SUPPLY, INC.  
Date drilling completed: 8-24-15

*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>Well Owner Information</b> (Landowner if borehole is not for a water well)</p> <p>Owner Name: <u>David Freshwater</u></p> <p>Mailing Address: <u>748 Daisy Ln</u></p> <p>City _____ State _____ Zip Code _____</p> <p>Telephone No. <u>(601) 748-1499</u></p>	<p>Well or Borehole Location <u>31 30 02 90 29 52</u></p> <p>Latitude: <u>31° 30.047'</u> Longitude: <u>90° 29.879'</u></p> <p>Method of Lat/Long (check one): Conventional Survey _____</p> <p>USGS quad _____ Hand-held GPS <input checked="" type="checkbox"/> Survey-grade GPS _____</p> <p><u>NE SE</u> <u>SW</u> 1/4, Sec <u>10</u> T. <u>6N</u> R. <u>7E</u></p> <p><u>5</u> Miles <u>SW</u> of <u>Brookhaven</u> (Distance) (Direction) (Nearest Town)</p>
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**Well / Borehole Data**

Date drilling started: 8-24-15 Date drilling completed: 8-24-15 Hole depth: 277 Hole diameter: 7

Location of the source of any surface water used for drilling: \_\_\_\_\_

Method of dosing and volume of Chlorine used in drilling and development: Mudpit & gravel pack

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

Name of organization running log(s): \_\_\_\_\_

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: 90 feet [above or  below] land surface Date measured: 8-24-15  
(circle one)

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

Well depth: 277 Well grouted to a depth of: 10 feet Type of grout (circle one): Neat Cement  Bentonite  Mix

Casing length: 252 feet Casing diameter: 4 inches Type of casing: PVC

Screen length: 20 feet Screen diameter: 4 inches Type of screen: PVC

Screen slot size: .010 inches Setting depth: From 252 feet to 272 feet

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

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

Top of lap pipe or reduction in casing: \_\_\_\_\_ feet

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

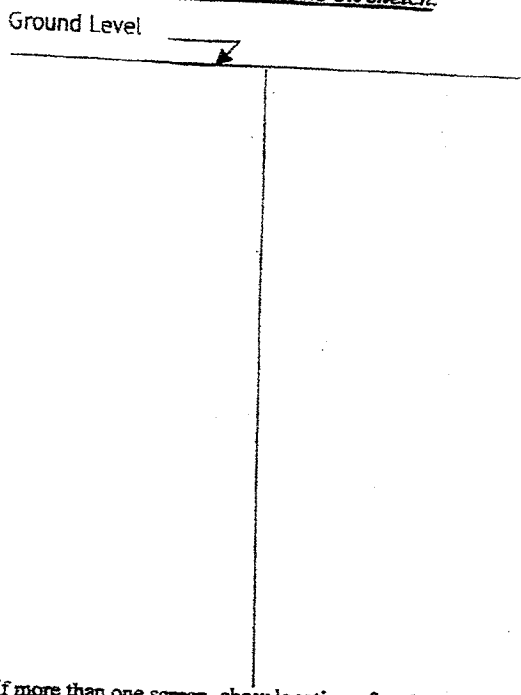
SEP 09 2015

County: Lincoln  
 Permit #: \_\_\_\_\_

For Office Use Only:  
 Well #: \_\_\_\_\_

*The sketch below only required for water wells*

*If well telescopes, show depths on sketch.*



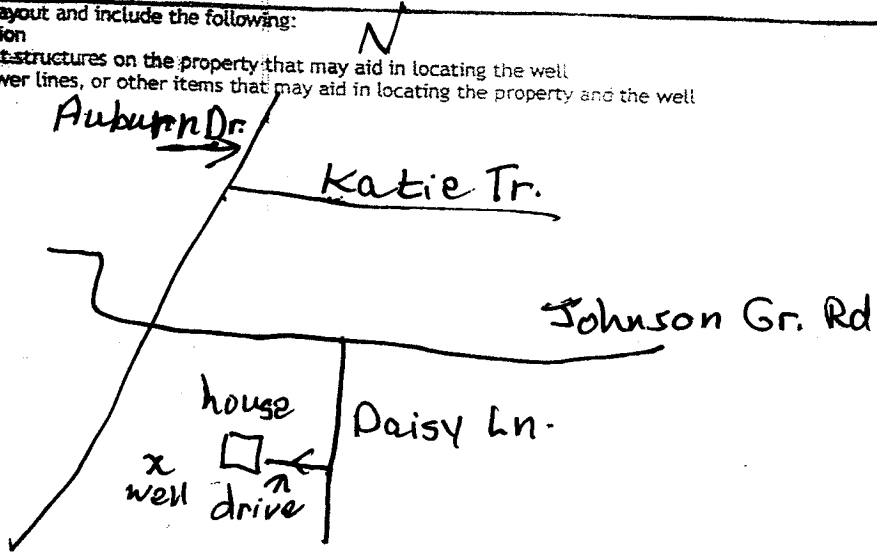
*Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations*

Description of Formations Encountered	From (depth) Ground level	To (depth)
red clay	Ground level	20
sand	20	72
sand & gravel	72	85
white clay	85	97
blue clay	97	127
white clay	127	187
blue clay	187	200
sand / clay streaks	200	272
blue clay	272	277

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: David Freshwater

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.

BRIAN D. McCLENDON UNR-00000664  
 Print Name of Responsible Licensee and License No.

8-24-15  
 Date

Brian McClendon  
 Signature of Licensee

# STATE WELL REPORT

## Part 2

County: Lincoln  
 Permit #: \_\_\_\_\_  
 Driller: GREEN WATER WELL & SUPPLY, INC.  
 Date completed: 8-25-15  
Copy information from block on Part 1

**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)

**For Office Use Only:**

Well #: L149  
 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>DAVID FRESHWATER</u>	Latitude: <u>31°30.047</u> Longitude: <u>90°29.879</u>
Mailing Address: _____	Method of Lat/Long (check one): Conventional Survey _____
<u>748 DAISY LN</u>	USGS quad _____ Hand-held GPS <input checked="" type="checkbox"/> Survey-grade GPS _____
<u>Brookhaven MS 39601</u>	<u>NW ¼ SW ¼, Sec 10 T 6N R 7E</u>
City State Zip Code	<u>5</u> Miles <u>SW</u> of <u>Brookhaven</u>
Telephone No. (601) <u>748-1499</u>	(Distance) (Direction) (Nearest Town)

**Pump Type (circle one)**

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

Date Pump Installed: 8-25-15 Rated Pump Capacity: 40 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: 3 Setting Depth: 140 feet Number of Stages: \_\_\_\_\_

**Pump Test Data for Non Flowing Well**

Date Well Tested: 8-25-15 Duration of Pump Test (minimum 4 hours): 4 hours

Static Water Level (A): 90 Feet Below Land Surface Pumping Water Level (B): 102 Feet Below Land Surface

Drawdown [(B) - (A)]: 12 Feet Below Land Surface Test Pumping Rate: 40 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: \_\_\_\_\_ feet.

Well yielded \_\_\_\_\_ GPM with a drawdown of \_\_\_\_\_ feet after \_\_\_\_\_ hours of pumping

**Meter Installation**

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

Meter Model Number/Name: \_\_\_\_\_ Type of Meter: \_\_\_\_\_

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

Installation Date: \_\_\_\_\_ Meter installed by: \_\_\_\_\_

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.

MICHAEL W. KEES RPO-00000801 8-25-15 Michael W. Kees  
 Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer 2015