

# 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 #: F123  
Aquifer: \_\_\_\_\_  
E-Log #: \_\_\_\_\_

County: Grenada  
Permit #: \_\_\_\_\_  
Driller: Ratliff Water Well Service  
Date drilling completed: 10-2-15

*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.*

Well Owner Information (Landowner if borehole is not for a water well)	Well or Borehole Location
Owner Name: <u>Greg + Felicia STATER</u>	Latitude: <u>N 33° 45' 44.7"</u> Longitude: <u>W 89° 56' 56.4"</u>
Mailing Address: <u>11077 Hwy 8</u>	Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
<u>Holcomb</u> City, <u>Ms.</u> State, <u>38940</u> Zip Code	<u>NW</u> ¼ <u>NE</u> ¼, Sec <u>23</u> T <u>22N</u> R <u>3E</u>
Telephone No. (____) _____	<u>7</u> Miles <u>WEST</u> of <u>GRENADA</u> (Distance) (Direction) (Nearest Town)

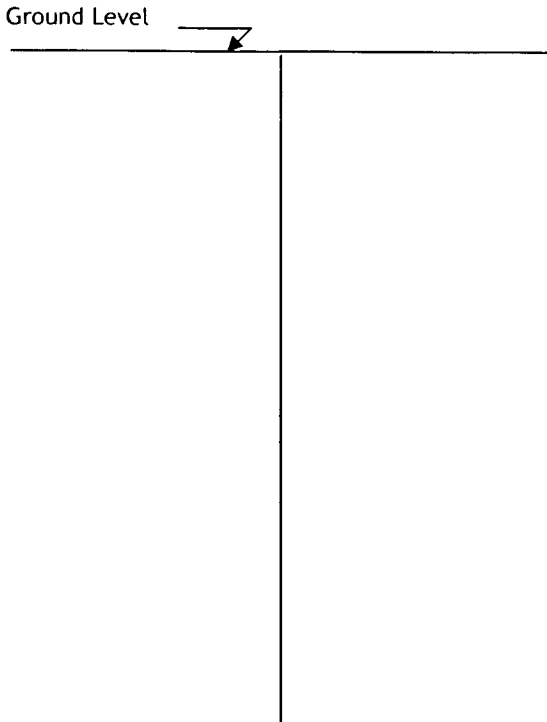
Well / Borehole Data
Date drilling started: <u>9-28-15</u> Date drilling completed: <u>10-2-15</u> Hole depth: <u>380</u> Hole diameter: <u>7.5</u>
Location of the source of any surface water used for drilling: Community _____
Method of dosing and volume of Chlorine used in drilling and development: 50 ppm HTH _____
Logs run (circle all applicable): <input checked="" type="checkbox"/> No log run <input type="checkbox"/> Electric <input type="checkbox"/> Gamma Ray <input type="checkbox"/> Density <input type="checkbox"/> Sonic <input type="checkbox"/> Neutron <input type="checkbox"/> Other: _____
Name of organization running log(s): _____
Purpose of borehole (circle one): <input checked="" type="checkbox"/> Water Well <input type="checkbox"/> Geotechnical/Geological Investigation <input type="checkbox"/> Ground Source Heat Pump <input type="checkbox"/> Seismic Survey <input type="checkbox"/> Other (describe) _____
<i>If drilling is not related to water well construction, skip the remainder of this block.</i>
Purpose of Well (circle all applicable): <input checked="" type="checkbox"/> Home <input type="checkbox"/> Industrial <input type="checkbox"/> Public Supply <input type="checkbox"/> Irrigation <input type="checkbox"/> Fish Culture
Other (describe): _____
If a flowing well, method of flow regulation: Valve _____ Other (describe) _____
Static Water Level: <u>38</u> feet [above or <input checked="" type="checkbox"/> below] land surface Date measured: <u>10-7-15</u> (circle one)
Method of measurement (circle one): Steel tape <input checked="" type="checkbox"/> Electric tape <input type="checkbox"/> Air line <input type="checkbox"/> Other (describe): _____
Well depth: <u>380</u> Well grouted to a depth of: <u>10</u> feet Type of grout (circle one): Neat Cement <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Mix
Casing length: <u>360</u> feet Casing diameter: <u>4</u> inches Type of casing: <u>PVC</u>
Screen length: <u>20</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>360</u> feet to <u>380</u> feet
Type of completion (circle all applicable): Gravel packed <input type="checkbox"/> Underreamed <input type="checkbox"/> Open hole <input checked="" type="checkbox"/> 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>

County: GRENADA  
 Permit #: \_\_\_\_\_

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 Well #: F123

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)
CLAY	Ground level	40
SANDY CLAY	40	100
SOFT CLAY	100	120
SANDY CLAY	120	250
SAND	250	260
SANDY CLAY	260	340
SAND	340	380

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

SEE MAP  
 ATTACHED

RECORDED  
 DEC 09 2015  
 MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY  
 JEFFERSON

Landowner Name: GREG + Felicia STATEN

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.

Robert E. Ratliff 0-002

Print Name of Responsible Licensee and License No. \_\_\_\_\_ Date 10-27-15

Signature of Licensee Robert E. Ratliff

# STATE WELL REPORT

County: GRENADA  
 Permit #: \_\_\_\_\_  
 Driller: Ratliff Water Well Service \_\_\_\_\_  
 Date completed: 10-7-15  
*Copy information from block on Part 1*

**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)

**For Office Use Only:**

Well #: F123  
 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>GREG &amp; FELICIA STATEN</u>	Latitude: <u>N33°45'44.7"</u> Longitude: <u>W89°56'56.4"</u>
Mailing Address: <u>11077 Hwy 8</u>	Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
<u>Holcomb</u> City <u>MS.</u> State <u>38940</u> Zip Code	_____ 1/4 _____ 1/4, Sec <u>23</u> T <u>22N</u> R <u>3E</u>
Telephone No. (____) _____	<u>7</u> Miles <u>West</u> of <u>GRENADA</u> (Distance)                      (Direction)                      (Nearest Town)

**Pump Type (circle one)**

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

Date Pump Installed: 10-7-15    Rated Pump Capacity: 20 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: 1.5    Setting Depth: 80 feet    Number of Stages: 12

**Pump Test Data for Non Flowing Well**

Date Well Tested: 10-7-15    Duration of Pump Test (minimum 4 hours): 4 4 hours

Static Water Level (A): 38 Feet Below Land Surface    Pumping Water Level (B): 57 Feet Below Land Surface

Drawdown [(B) - (A)]: 19 Feet Below Land Surface    Test Pumping Rate: 20 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: \_\_\_\_\_ xx \_\_\_\_\_ feet.

Well yielded 20 GPM with a drawdown of 19 feet after 4 hours of pumping

**Meter Installation**

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

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

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

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

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.

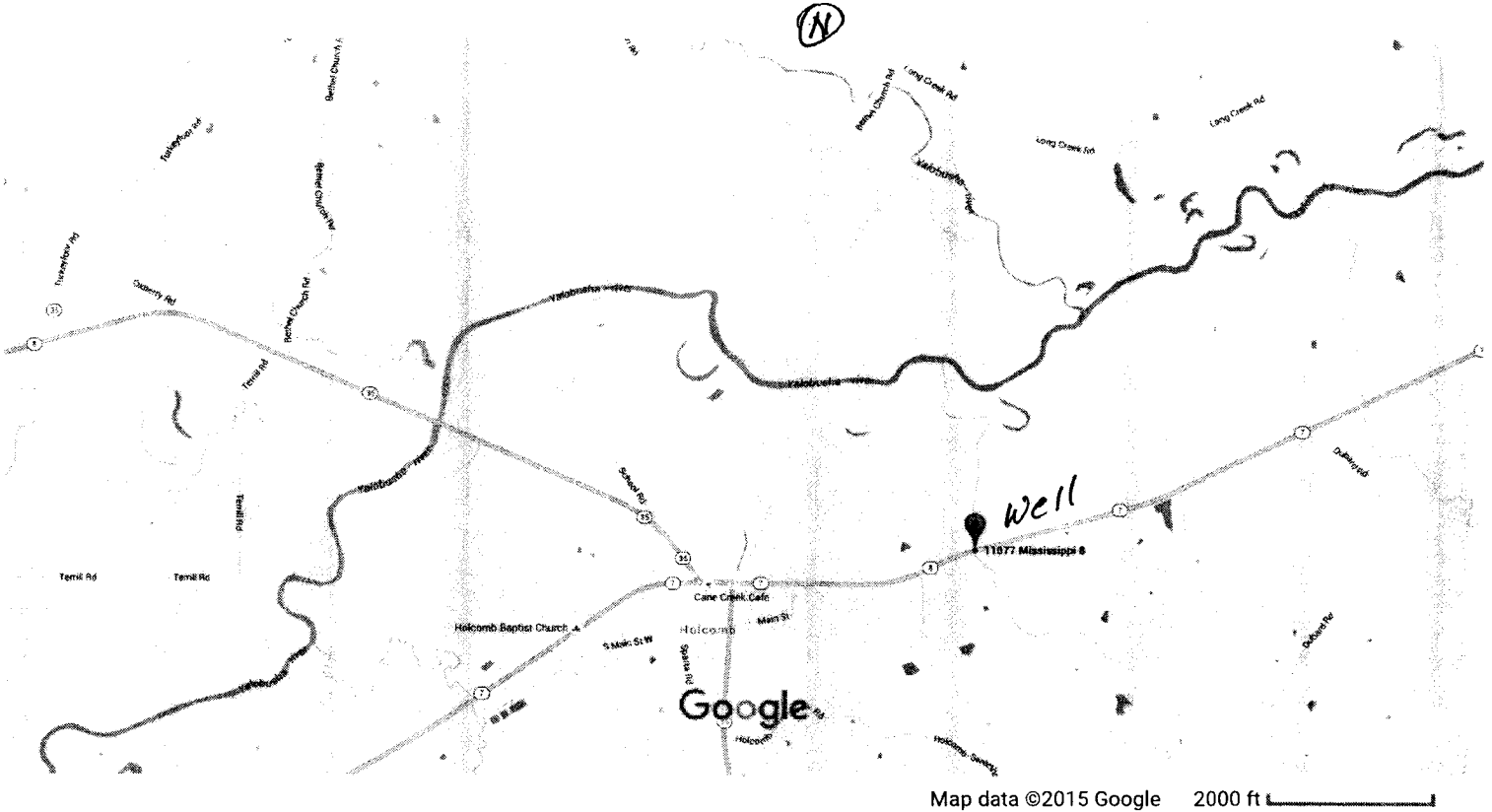
Robert E. Ratliff 0-002      10-27-15      Robert E. Ratliff

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

Google Maps 11077 MS-8

Grenada County

F123



Map data ©2015 Google 2000 ft

11077 MS-8  
Holcomb, MS 38940

Greg + Felicia STATEN