

# 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)961-5555  
(601)961-5228 (fax)

#### For Office Use Only:

Well #: K93  
Aquifer: \_\_\_\_\_  
E-Log #: \_\_\_\_\_

County: Pearl River  
Permit #: \_\_\_\_\_  
Driller: Josh Boone  
Date drilling completed: 8-1-17

*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<br><small>(Landowner if borehole is not for a water well)</small> | Well or Borehole Location  |
|--|--|
| Owner Name: <u>C.W. Atcheson</u>   | Latitude: <u>30.745556</u> Longitude: <u>-89.6774607</u><br><u>30-44-44</u> <u>89-40-29</u>  |
| Mailing Address: <u>170 Sun Valley Acres Rd</u>  | Method of Lat/Long (check one): Conventional Survey _____<br>USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____ |
| <u>poplarville</u> <u>MS</u> <u>39470</u><br>City State Zip Code                         | <u>SE</u> $\frac{1}{4}$ <u>NW</u> $\frac{1}{4}$ , Sec <u>35</u> T <u>3S</u> R <u>17W</u>   |
| Telephone No. (local) _____  | <u>12</u> Miles <u>SW</u> of <u>poplarville</u><br>(Distance) (Direction) (Nearest Town)   |

| Well / Borehole Data  |
|---|
| Date drilling started: <u>8-1-17</u> Date drilling completed: <u>8-1-17</u> Hole depth: <u>295</u> Hole diameter: <u>7 1/8"</u>   |
| Location of the source of any surface water used for drilling: <u>running creek water</u>   |
| Method of dosing and volume of Chlorine used in drilling and development: <u>granulated chlorine</u>  |
| Logs run (check all applicable): <input type="checkbox"/> log run <input type="checkbox"/> Electric <input type="checkbox"/> Gamma Ray <input type="checkbox"/> Density <input type="checkbox"/> Sonic <input type="checkbox"/> Neutron Other: _____              |
| Name of organization running log(s): _____  |
| Purpose of borehole (check one): Water Well <input type="checkbox"/> Geotechnical/Geological Investigation <input checked="" type="checkbox"/> Ground Source Heat Pump <input type="checkbox"/><br><input type="checkbox"/> 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 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>100</u> feet <input type="checkbox"/> above or <input checked="" type="checkbox"/> below land surface Date measured: <u>8-1-17</u><br>(check one)  |
| Method of measurement (check one) <input checked="" type="checkbox"/> Steel tape <input type="checkbox"/> Electric tape <input type="checkbox"/> Air line <input type="checkbox"/> Other (describe): _____  |
| Well depth: <u>295</u> Well grouted to a depth of: <u>10</u> feet Type of grout (check one) <input checked="" type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Mix   |
| Casing length: <u>275</u> feet Casing diameter: <u>4</u> inches Type of casing: <u>sch 40 PVC</u>   |
| Screen length: <u>20</u> feet Screen diameter: <u>4</u> inches Type of screen: <u>saw slot</u>  |
| Screen slot size: <u>8</u> inches Setting depth: From <u>275</u> feet to <u>295</u> feet  |
| Type of completion (check all applicable) <input checked="" type="checkbox"/> gravel packed <input type="checkbox"/> Underreamed <input type="checkbox"/> Open hole <input 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>   |

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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)

### For Office Use Only:

Well #: K93

Aquifer: \_\_\_\_\_

County: Pearl River  
Permit #: \_\_\_\_\_  
Driller: Josh Boone  
Date completed: 8-1-17  
*Copy information from block on Part 1*

*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>C.W. Acheson</u> |           |              | <u>30-44-44</u>   | <u>89-40-29</u>              |  |
| Mailing Address: _____          |           |              | Latitude: <u>30.745560</u>  | Longitude: <u>-89.674407</u> |  |
| <u>170 Sun Valley Acres Rd</u>  |           |              | Method of Lat/Long (check one): Conventional Survey _____                                   |                              |  |
| <u>Poplarville</u>              | <u>MS</u> | <u>39470</u> | USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____ |                              |  |
| City                            | State     | Zip Code     | <u>SE 1/4 NW 1/4, Sec 35 T 3S R 17W</u>   |                              |  |
| Telephone No. (____) _____      |           |              | <u>12</u> Miles <u>SW</u> of <u>Poplarville</u>   |                              |  |
|                                 |           |              | (Distance) (Direction) (Nearest Town)   |                              |  |

**Pump Type (check one)**  
Submersible  Turbine  Air Lift  Centrifugal  Flowing Well  Jet  Piston  Rotary  Other (describe): \_\_\_\_\_  
Date Pump Installed: 8-1-17 Rated Pump Capacity: 18 Gallons Per Minute  
Is This Pump (check one):  New  Repaired  Replacement

**Power Type (check one)**  
Electric  Diesel  Gasoline  Natural Gas  Tractor PTO  Windmill  Other (describe): \_\_\_\_\_  
Horse Power Rating of Motor: 1 hp Setting Depth: 75 feet Number of Stages: 12

**Pump Test Data for Non Flowing Well**  
Date Well Tested: 8-1-17 Duration of Pump Test (minimum 4 hours): 6 hours  
Static Water Level (A): 40 Feet Below Land Surface Pumping Water Level (B): 55 Feet Below Land Surface  
Drawdown [(B) - (A)]: 5 Feet Below Land Surface Test Pumping Rate: 18 Gallons Per Minute  
Method of measurement (check one): Steel tape  Electric tape  Air line  Other (describe): \_\_\_\_\_

**Pump Test Data for Flowing Well**  
Measured shut in head: \_\_\_\_\_ feet.  
Well yielded 18 GPM with a drawdown of 5 feet after 6 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 (check 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.  
Scott Boone 6262 Scott Boone  
Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer

County: Pearl River

Permit #: \_\_\_\_\_

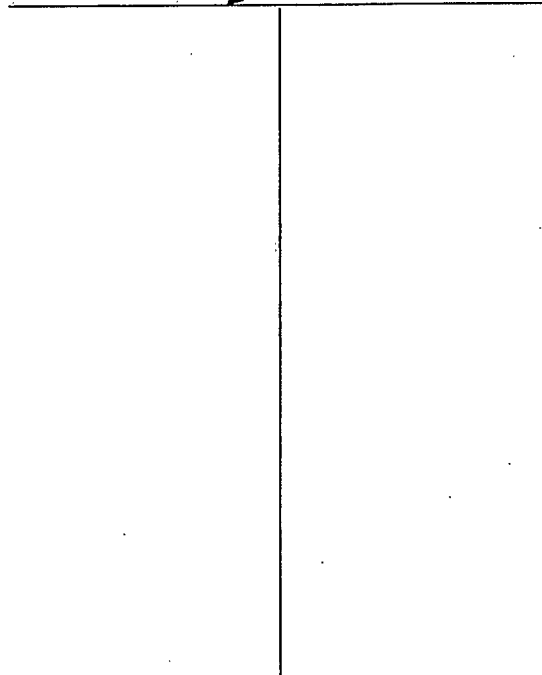
For Office Use Only:

Well #: K93

The sketch below only required for water wells

If well telescopes, show depths on sketch.

Ground Level →



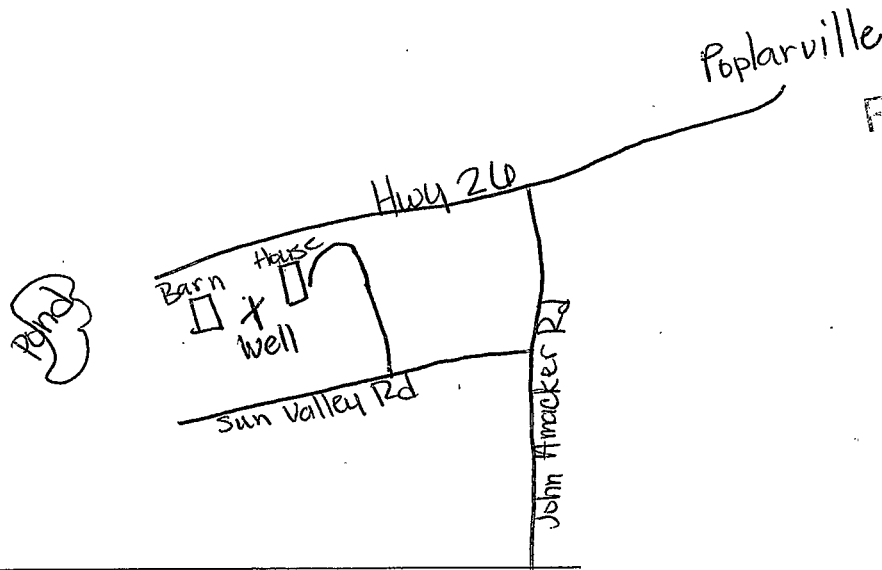
Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

| Description of Formations Encountered | From (depth) | To (depth) |
|---------------------------------------|--------------|------------|
| top soil                              | Ground level | 2ft        |
| <del>red clay</del> red clay          | 2ft          | 25ft       |
| white clay                            | 25ft         | 60ft       |
| sand                                  | 60ft         | 70ft       |
| blue clay                             | 70ft         | 160ft      |
| sand                                  | 160ft        | 295ft      |
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|                                       |              |            |

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



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Landowner Name: \_\_\_\_\_

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.

Scott Boone      62602  
Print Name of Responsible Licensee and License No.

8-22-17  
Date

Scott Boone  
Signature of Licensee