

# 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 #: A 98  
Aquifer: \_\_\_\_\_  
E-Log #: \_\_\_\_\_

County: Tate  
Permit #: \_\_\_\_\_  
Driller: James W. Major  
Date drilling completed: 10-12-15

*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 <i>(Landowner if borehole is not for a water well)</i>	Well or Borehole Location
Owner Name: <u>Southern Housing</u>	Latitude: <u>34°42'10.43N</u> Longitude: <u>90°09'37.91W</u>
Mailing Address: <u>2086 Pritchard rd.</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Coldwater</u> MS <u>38618</u>	USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
City State Zip Code	<u>SW 1/4 SW 1/4, Sec 28 T 45 R 9W</u>
Telephone No. <u>(662) 566-9903</u>	<u>2.18</u> Miles <u>NW</u> of <u>arkabutla</u>
	(Distance) (Direction) (Nearest Town)

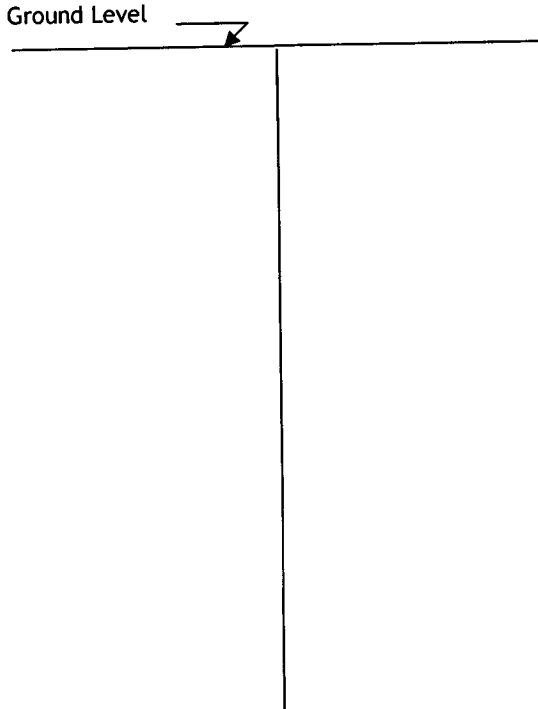
Well / Borehole Data
Date drilling started: <u>10-12-15</u> Date drilling completed: <u>10-12-15</u> Hole depth: <u>143</u> Hole diameter: <u>6 3/4</u>
Location of the source of any surface water used for drilling: <u>N/A</u>
Method of dosing and volume of Chlorine used in drilling and development: <u>5 ppm and greater</u>
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): <u>N/A</u>
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): <u>N/A</u>
If a flowing well, method of flow regulation: Valve <u>N/A</u> Other (describe) _____
Static Water Level: <u>20</u> feet [above or <input checked="" type="checkbox"/> below] land surface Date measured: <u>10-12-15</u>
(circle one)
Method of measurement (circle one): Steel tape <input type="checkbox"/> Electric tape <input type="checkbox"/> Air line <input type="checkbox"/> Other (describe): <u>string / weight</u>
Well depth: <u>143</u> Well grouted to a depth of: <u>10</u> feet Type of grout (circle one): Neat Cement <input type="checkbox"/> <input checked="" type="checkbox"/> Bentonite <input type="checkbox"/> Mix
Casing length: <u>113</u> feet Casing diameter: <u>4</u> inches Type of casing: <u>pvc</u>
Screen length: <u>30</u> feet Screen diameter: <u>4</u> inches Type of screen: <u>pvc</u>
Screen slot size: <u>.010</u> inches Setting depth: From <u>113</u> feet to <u>143</u> feet
Type of completion (circle all applicable): <input checked="" type="checkbox"/> Gravel packed <input type="checkbox"/> Underreamed <input type="checkbox"/> Open hole <input type="checkbox"/> Natural Development
Other (describe): <u>N/A</u>
Top of lap pipe or reduction in casing: <u>N/A</u> feet
<i>If telescoped or more than one screen, describe on next page</i>

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

**For Office Use Only:**  
 Well #: A98

The sketch below only required for water wells

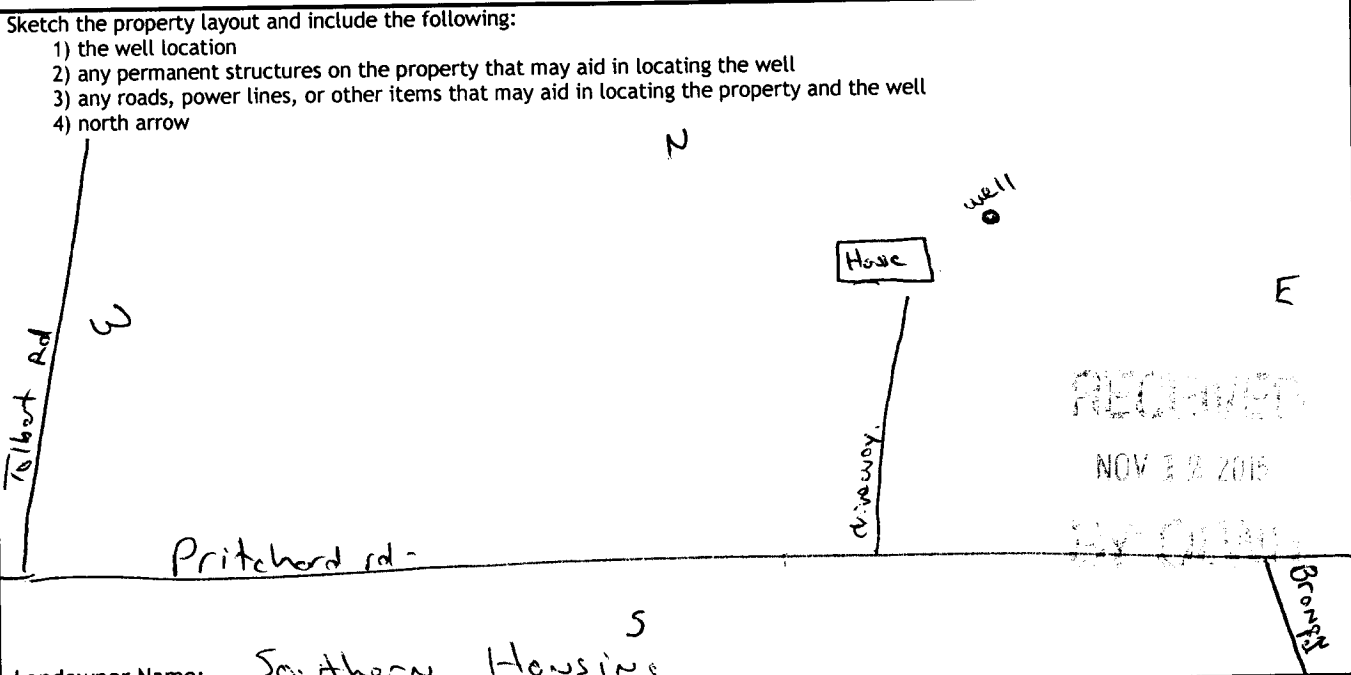
If well telescopes, show depths on sketch.



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 dirt.	Ground level	20
gravel	20	30
gray clay	30	70
Blue clay	70	80
white sand	80	143

If more than one screen, show location of each on sketch



Landowner Name: Southern Housing

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.

James W. Mason 0-620     11-9-15     James W. Mason  
 Print Name of Responsible Licensee and License No.     Date     Signature of Licensee

# 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 #: A 98

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

County: Tate  
 Permit #: \_\_\_\_\_  
 Driller: James W. Mason  
 Date completed: 10-12-15  
*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>Southern Housing</u>	Latitude: <u>34°42'10.43 N</u> Longitude: <u>90°09'37.91 W</u>
Mailing Address: <u>2086 Pritchard Rd.</u>	Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
<u>Coldwater</u> <u>MS</u> <u>38618</u>	<u>SW 1/4 SW 1/4, Sec 28 T 45 R 9W</u>
City State Zip Code	<u>218</u> Miles <u>NW</u> of <u>Orkibotta</u>
Telephone No. ( <u>662</u> ) <u>566-9903</u>	(Distance) (Direction) (Nearest Town)

**Pump Type (circle one)**

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

Date Pump Installed: 10-12-15 Rated Pump Capacity: 10 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: 3/4 Setting Depth: 30 feet Number of Stages: 8

**Pump Test Data for Non Flowing Well**

Date Well Tested: 10-12-15 Duration of Pump Test (minimum 4 hours): 24 hours

Static Water Level (A): 20 Feet Below Land Surface Pumping Water Level (B): N/A Feet Below Land Surface

Drawdown [(B) - (A)]: N/A Feet Below Land Surface Test Pumping Rate: 10 Gallons Per Minute

Method of measurement (circle one): Steel tape Electric tape Air line Other (describe): String Weight

**Pump Test Data for Flowing Well**

Measured shut in head: N/A feet.

Well yielded 10 GPM with a drawdown of N/A feet after 24 hours of pumping

**Meter Installation**

Meter Manufacturer: N/A Meter Serial Number: N/A

Meter Model Number/Name: N/A Type of Meter: N/A

Totalizer Register Unit and Multiplier Factor (AF x .001, gal x 1000, etc): N/A

Installation Date: N/A Meter installed by: N/A

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.

James W. Mason 0-620 11-9-15 James W. Mason

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