

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 #: E 150
Aquifer: _____
E-Log #: _____

County: Desoto
Permit #: GW-47236 ✓
Driller: Chris Snockley #2501
Date drilling completed: 5-24-13

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>George Abbott</u>	Latitude: <u>N34° 53.48</u> Longitude: <u>W90° 13.45</u>
Mailing Address: <u>Agricultural Resources</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>2666 Clemons Place</u>	USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
<u>Collierville</u> <u>Tn</u> <u>38017</u>	<u>NE</u> 1/4 <u>NE</u> 1/4, Sec <u>23</u> ✓ T <u>25</u> ✓ R <u>10W</u>
City State Zip Code	<u>3/4</u> Miles <u>West</u> of <u>Lake Cormacant, Ms.</u>
Telephone No. (____) _____	(Distance) (Direction) (Nearest Town)

Well / Borehole Data
Date drilling started: <u>5-24-13</u> Date drilling completed: <u>5-24-13</u> Hole depth: <u>112</u> Hole diameter: <u>24"</u>
Location of the source of any surface water used for drilling: <u>Fire hydrant in Lake Cormacant</u>
Method of dosing and volume of Chlorine used in drilling and development: _____
Logs run (circle all applicable): <u>No log run</u> Electric Gamma Ray Density Sonic Neutron Other: _____
Name of organization running log(s): _____
Purpose of borehole (circle one): <u>Water Well</u> 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 <u>Irrigation</u> Fish Culture
Other (describe): _____
If a flowing well, method of flow regulation: Valve _____ Other (describe) _____
Static Water Level: <u>10</u> feet [above or below] land surface Date measured: <u>5-25-13</u> (circle one)
Method of measurement (circle one): <u>Steel tape</u> Electric tape Air line Other (describe): _____
Well depth: <u>112</u> Well grouted to a depth of: <u>10</u> feet Type of grout (circle one): Neat Cement <u>Bentonite</u> Mix
Casing length: <u>72</u> feet Casing diameter: <u>16</u> inches Type of casing: <u>PVC</u>
Screen length: <u>40</u> feet Screen diameter: <u>16</u> inches Type of screen: <u>PVC</u>
Screen slot size: <u>.052</u> inches Setting depth: From <u>72</u> feet to <u>112</u> feet
Type of completion (circle all applicable): <u>Gravel packed</u> Underreamed Open hole Natural Development
Other (describe): _____
Top of lap pipe or reduction in casing: _____ feet

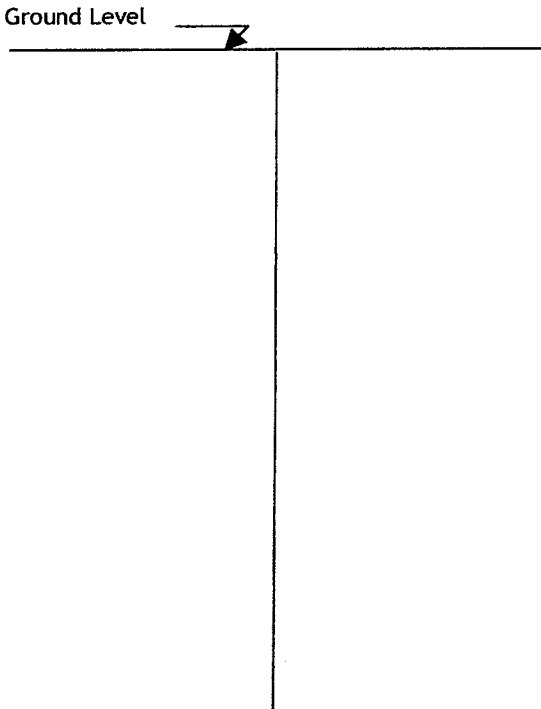
If telescoped or more than one screen, describe on next page

County: _____
 Permit #: _____

For Office Use Only:
 Well #: _____

The sketch below only required for water wells

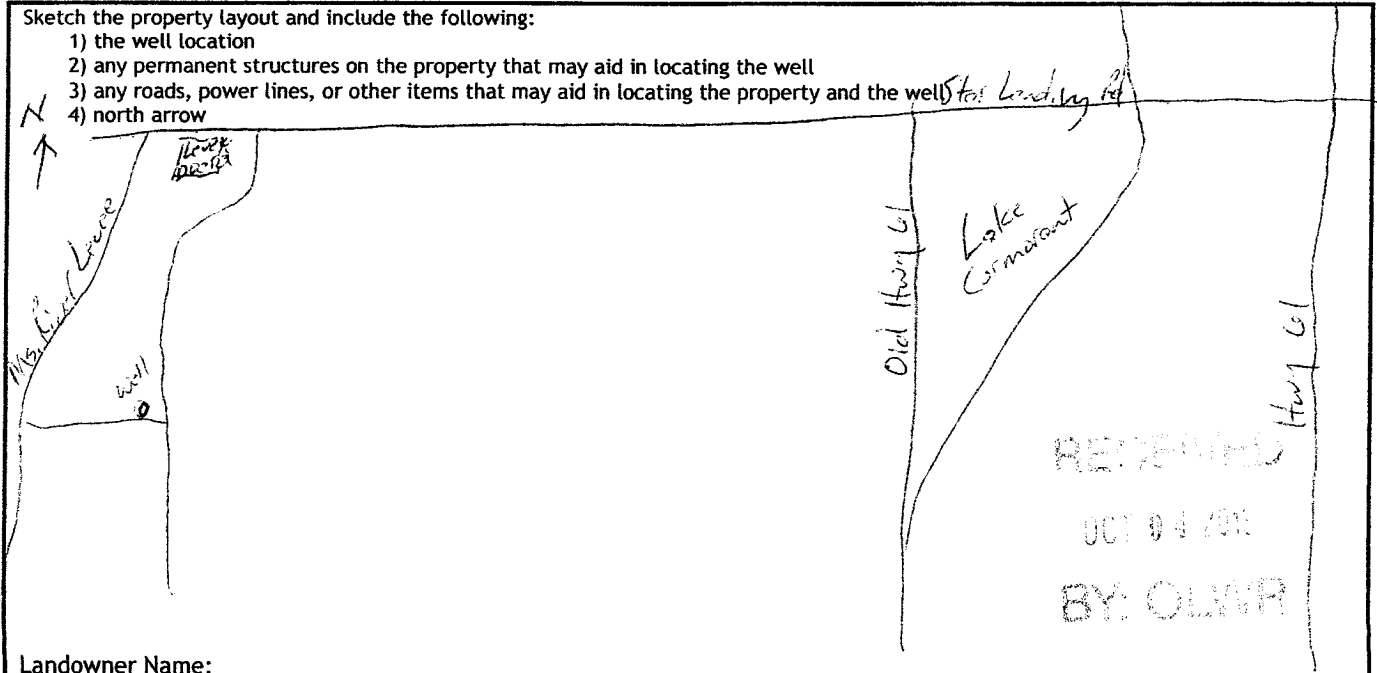
If well telescopes, show depths on sketch.



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

Description of Formations Encountered	From (depth)	To (depth)
loamy clay	Ground level	15
fine sand	16	35
Clay / fine sand	36	60
coarse sand & gravel	63	112

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



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.

Chris Shockey #2561 6-2-13 [Signature]
 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)

County: Issaquena
 Permit #: GW 47236
 Driller: Chris Shockley # 2561
 Date completed: 5-25-13
 Copy information from block on Part 1

For Office Use Only:

Well #: E 150
 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>George Abbott</u>	Latitude: <u>N34° 53.78'</u> Longitude: <u>W70° 13.45'</u>
Mailing Address: <u>Agricultural Res.</u>	Method of Lat/Long (check one): Conventional Survey _____,
<u>2606 Clement Good Place</u>	USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
<u>Coblesville, Tenn 38017</u>	<u>NE 1/4 NW 1/4, Sec 23 T 25 R 10W</u>
City _____ State _____ Zip Code _____	<u>3.4</u> Miles <u>West</u> of <u>Lake Cormorant</u>
Telephone No. (____) _____	(Distance) (Direction) (Nearest Town)

Pump Type (circle one)

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

Date Pump Installed: 5-25-13 Rated Pump Capacity: 2400 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: 100 Setting Depth: 60 feet Number of Stages: 2

Pump Test Data for Non Flowing Well

Date Well Tested: _____ Duration of Pump Test (minimum 4 hours): _____ hours

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

Drawdown [(B) - (A)]: _____ Feet Below Land Surface Test Pumping Rate: _____ 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

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OCT 04 2013
BRIAN CAMP

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.

Chris Shockley # 2561 6-2-13 _____
 Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer