

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 62
Aquifer: _____
E-Log #: _____

County: Tunica
Permit #: GW-46761 ✓
Driller: Delta Drilling
Date drilling completed: 5-2-14

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 <small>(Landowner if borehole is not for a water well)</small> | Well or Borehole Location |
|--|--|
| Owner Name: <u>Will Owen Jr.</u> | Latitude: <u>34° 43' 45"</u> Longitude: <u>90° 15' 25"</u> |
| Mailing Address: <u>1100 Evansville Cove</u> <u>Tunica, MS, 38676</u> | Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____ |
| City _____ State _____ Zip Code _____ | <u>SE</u> <input checked="" type="checkbox"/> <u>1/4</u> <u>SE</u> <input checked="" type="checkbox"/> <u>1/4</u> , Sec <u>16</u> <input checked="" type="checkbox"/> T <u>45</u> <input checked="" type="checkbox"/> R <u>10W</u> |
| Telephone No. (____) _____ | <u>7</u> Miles <u>East</u> of <u>Tunica, MS</u> (Distance) (Direction) (Nearest Town) |

| Well / Borehole Data |
|--|
| Date drilling started: <u>5-2-14</u> Date drilling completed: <u>5-2-14</u> Hole depth: <u>105</u> Hole diameter: <u>24"</u> |
| Location of the source of any surface water used for drilling: <u>Groundwater well 1/2 mile south</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) _____ |
| <i>If drilling is not related to water well construction, skip the remainder of this block</i> |
| 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>22</u> feet [above or below] land surface (circle one) Date measured: <u>5-3-14</u> |
| Method of measurement (circle one): <u>Steel tape</u> Electric tape Air line Other (describe): _____ |
| Well depth: <u>105</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>65</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>.032</u> inches Setting depth: From <u>65</u> feet to <u>105</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 |
| <i>If telescoped or more than one screen, describe on next page</i> |

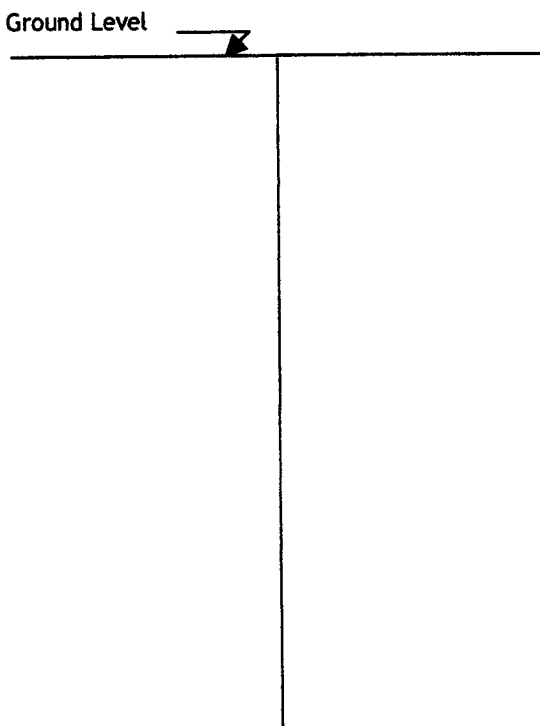
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County: Tunica
 Permit #: GW-46761

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 Well #: E62

The sketch below only required for water wells

If well telescopes, show depths on sketch.



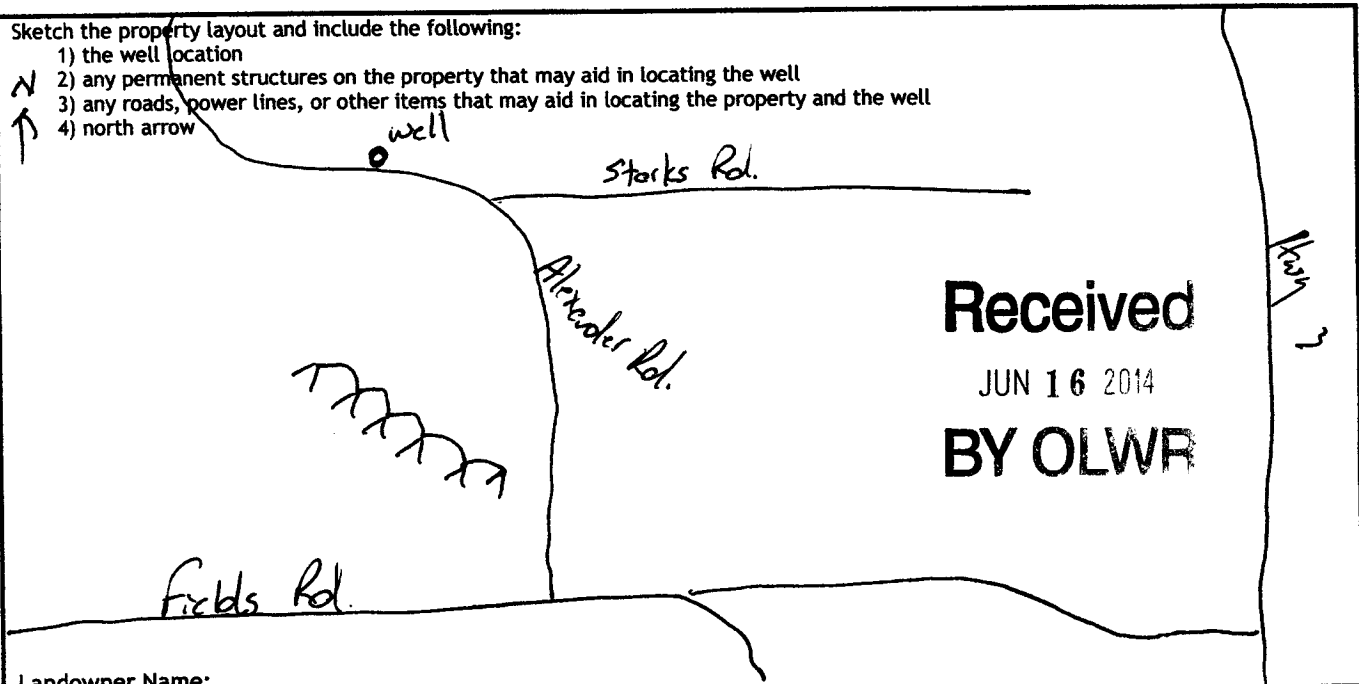
Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

| Description of Formations Encountered | From (depth) | To (depth) |
|---------------------------------------|--------------|------------|
| clay | Ground level | 32 |
| fine sand | 33 | 49 |
| coarse sand : gravel | 50 | 705 |
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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.

C. Shuckley 2561 5-3-14 C. Shuckley
 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 #: E62

Aquifer: _____

County: Tunica
 Permit #: GW-46761
 Driller: Delta Drilling
 Date completed: 5-3-14
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>Will Owen JR</u> | | | Latitude: <u>34° 43' 45"</u> Longitude: <u>90° 15' 25"</u> | | |
| Mailing Address: <u>1100 Evansville Cove</u> <u>Tunica, MS 38676</u> | | | Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____ | | |
| City | State | Zip Code | <u>SE 1/4 SE 1/4, Sec 16 T 45 R 10W</u> | | |
| Telephone No. (____) _____ | | | <u>7</u> Miles <u>East</u> of <u>Tunica</u> (Distance) (Direction) (Nearest Town) | | |

Pump Type (circle one)

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

Date Pump Installed: 5-3-14 Rated Pump Capacity: 2000 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: 40 Setting Depth: 100 feet Number of Stages: 1

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: McCrometer Meter Serial Number: 13-05290

Meter Model Number/Name: MD 308 Type of Meter: Saddle

Totalizer Register Unit and Multiplier Factor (AF x .001, gal x 1000, etc): gallons x 100

Installation Date: 5-3-14 Meter installed by: Delta Drilling

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.

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I HEREBY CERTIFY that the above statements are true to the best of my knowledge.

C. Shockley 2561 5-3-14 C. Shockley
 Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer