

# 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 #: 0412  
Aquifer: \_\_\_\_\_  
E-Log #: \_\_\_\_\_

County: Harrison  
Permit #: \_\_\_\_\_  
Driller: Coast Water Wells, Inc.  
Date drilling completed: 2-29-16

*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>Mike Thompson</u>	Latitude: <u>30° 22' 4.80"</u> Longitude: <u>089° 12' 22.50"</u>
Mailing Address: <u>Red Creek Road</u>	Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
<u>Long Beach</u> <u>Ms</u> <u>39560</u>	<u>NE</u> <u>SE</u> <u>NE</u> <u>SE</u> ¼, Sec <u>8</u> T <u>8S</u> R <u>12W</u>
City State Zip Code	<u>1</u> Miles <u>NORTH</u> of <u>Long Beach</u> (Distance) (Direction) (Nearest Town)
Telephone No. <u>(228) 342-0782</u>	

Well / Borehole Data
Date drilling started: <u>2/25/16</u> Date drilling completed: <u>2/29/16</u> Hole depth: <u>700 FT</u> Hole diameter: <u>4" x 2"</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>1 gal per 1000 Drilling 2 gal in well</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): _____
Purpose of borehole (circle one): <input checked="" type="radio"/> Water Well <input type="radio"/> Geotechnical/Geological Investigation <input type="radio"/> Ground Source Heat Pump 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="radio"/> Home <input type="radio"/> Industrial <input type="radio"/> Public Supply <input type="radio"/> Irrigation <input type="radio"/> Fish Culture
Other (describe): _____
If a flowing well, method of flow regulation: Valve _____ Other (describe) _____
Static Water Level: <u>20</u> feet (above or below) land surface (circle one) Date measured: <u>2-29-16</u>
Method of measurement (circle one): Steel tape <input type="checkbox"/> Electric tape <input type="checkbox"/> Air line <input checked="" type="checkbox"/> Other (describe): _____
Well depth: <u>700 FT</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>480' x 2" PVC</u> feet Casing diameter: <u>4" x 2"</u> inches Type of casing: <u>PVC</u>
Screen length: <u>200' x 4" PVC</u> feet Screen diameter: <u>2"</u> inches Type of screen: <u>PVC</u>
Screen slot size: <u>006</u> inches Setting depth: From <u>1080</u> feet to <u>700</u> feet
Type of completion (circle all applicable): Gravel packed <input type="checkbox"/> Underreamed <input type="checkbox"/> Open hole <input type="checkbox"/> <input checked="" type="checkbox"/> Natural Development
Other (describe): _____
Top of lap pipe or reduction in casing: <u>200</u> feet

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

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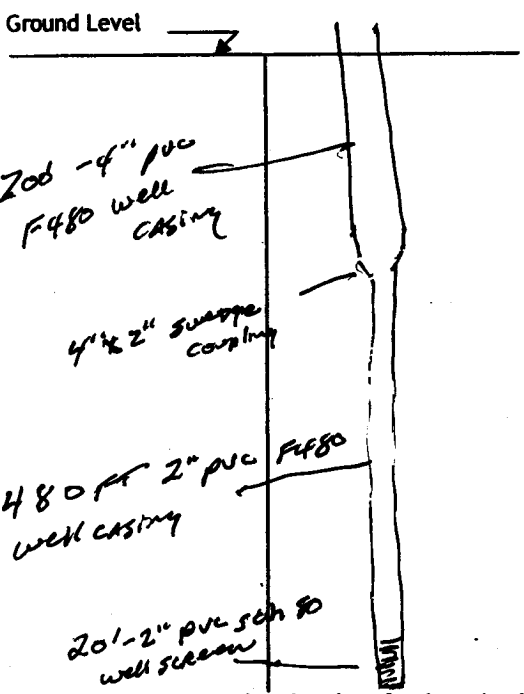
Form: OLWR-SWR-1A (4/13)

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

**For Office Use Only:**  
 Well #: 0412

The sketch below only required for water wells

If well telescopes, show depths on sketch.



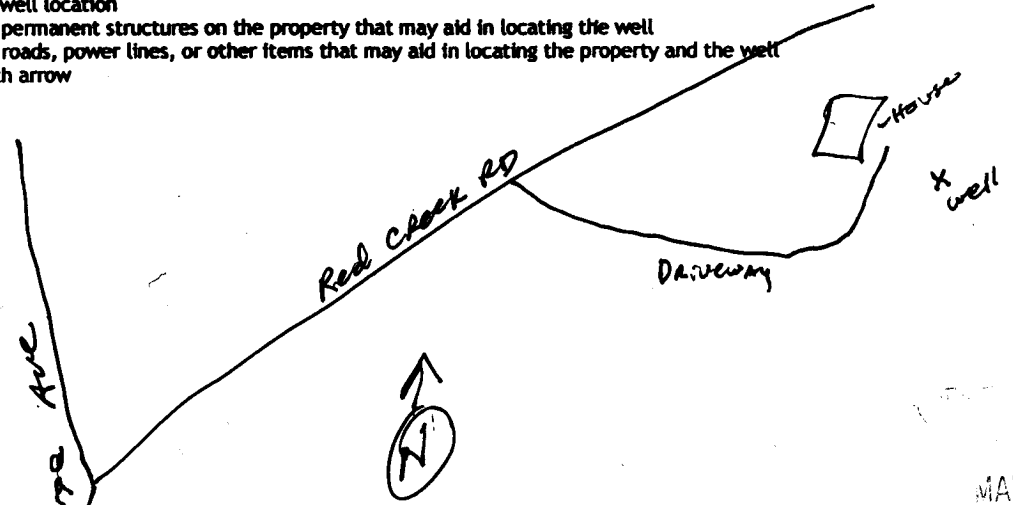
If more than one screen, show location of each on sketch

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)
Orange sand	Ground level	1
Brown clay	1	20
White coarse sand	20	41
Blue clay	41	160
Gray coarse sand	160	180
Blue clay	180	370
Gray coarse sand	370	430
Blue clay	430	470
Gray coarse sand	470	492
Blue clay	492	516
Gray coarse sand	516	560
Blue clay	560	640
Gray coarse sand	640	700

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: Mike Thompson

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.

Jack Ridadell 0472 3/1/16  
 Print Name of Responsible Licensee and License No.      Date

Jack Ridadell  
 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: HATTISON  
 Permit #: \_\_\_\_\_  
 Driller: East Water Wells Inc  
 Date completed: 2-29-16  
 Copy information from block on Part 1

**For Office Use Only:**

Well #: 0412  
 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>Mike Thompson</u>	Latitude: <u>30° 22' 4.80"</u> Longitude: <u>089° 12' 22.50"</u>
Mailing Address: <u>Red Creek Road</u>	Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
<u>Long Beach</u> <u>MS</u> <u>39560</u>	<u>SE</u> ¼ <u>SE</u> ¼, Sec <u>5</u> T <u>8S</u> R <u>12W</u>
City State Zip Code	<u>1</u> Miles <u>NORTH</u> of <u>Long Beach</u>
Telephone No. <u>(228) 342-0782</u>	(Distance) (Direction) (Nearest Town)

**Pump Type (circle one)**

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

Date Pump Installed: 3/28/16 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 1/2 HP Setting Depth: 80 FT feet Number of Stages: 12

**Pump Test Data for Non Flowing Well**

Date Well Tested: 3/28/16 Duration of Pump Test (minimum 4 hours): 6 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: 24 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. N/A

Well yielded \_\_\_\_\_ GPM with a drawdown of \_\_\_\_\_ feet after \_\_\_\_\_ hours of pumping

**Meter Installation**

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

Meter Model Number/Name: \_\_\_\_\_ N/A 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

*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.

Jack Ridgell 0-412 3/29/16 Jack Ridgell

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

MAR 31 2016  
Form: OLWR-SWR-1B (4/13)