

# 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)

County: Jefferson Davis

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

Driller: James M. Wells

Date drilling completed: 6-30-16

### For Office Use Only:

Well #: 593

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

E-Log #: \_\_\_\_\_

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.

<b>Well Owner Information</b> (Landowner if borehole is not for a water well)	<b>Well or Borehole Location</b> <u>89 45 47</u>
Owner Name: <u>Kieyth King</u>	Latitude: <u>31° 26' 34"</u> Longitude: <u>89° 45' 8"</u>
Mailing Address: _____	Method of Lat/Long (check one): Conventional Survey _____
<u>128 McNease Rd.</u>	USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
<u>Bassfield MS 39421</u>	<u>NW 1/4 SE 1/4, Sec 36 T 6 N R 18 W</u>
City State Zip Code	_____ Miles _____ of _____
Telephone No. <u>(601) 441-7995</u>	(Distance) (Direction) (Nearest Town)

<b>Well / Borehole Data</b>	
Date drilling started: <u>6-30-16</u>	Date drilling completed: <u>6-30-16</u> Hole depth: <u>75</u> Hole diameter: <u>7 1/2"</u>
Location of the source of any surface water used for drilling: <u>running creek</u>	
Method of dosing and volume of Chlorine used in drilling and development: <u>granule chlorine</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 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	
<input type="radio"/> Seismic Survey <input type="radio"/> 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  Irrigation  Fish Culture

Other (describe): \_\_\_\_\_

If a flowing well, method of flow regulation: Valve \_\_\_\_\_ Other (describe) \_\_\_\_\_

Static Water Level: 30 feet [above or  below] land surface (circle one) Date measured: 6-30-16

Method of measurement (circle one):  Steel tape  Electric tape  Air line Other (describe): \_\_\_\_\_

Well depth: 75 Well grouted to a depth of: 10 feet Type of grout (circle one):  Neat Cement  Bentonite  Mix

Casing length: 55 feet Casing diameter: 4 inches Type of casing: PVC

Screen length: 20 feet Screen diameter: 4 inches Type of screen: PVC

Screen slot size: .008 inches Setting depth: From 55 feet to 75 feet

Type of completion (circle all applicable):  Gravel packed  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

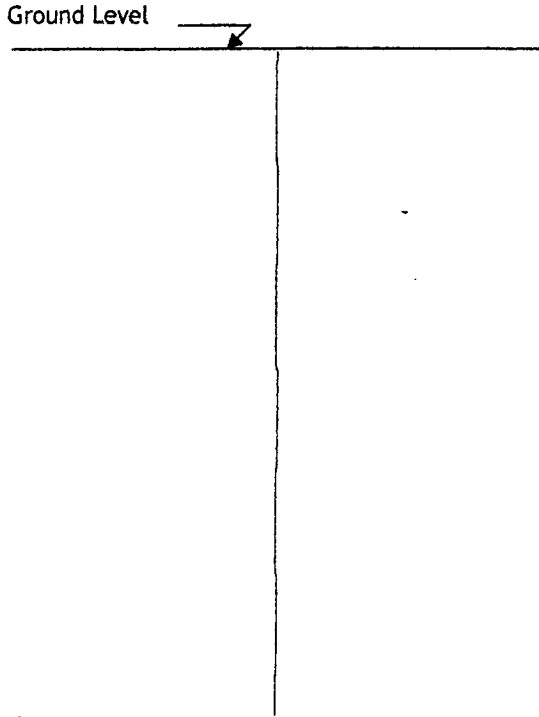
Received  
AUG 18 2016  
By OLWR

County: Jefferson Davis  
Permit #: \_\_\_\_\_

**For Office Use Only:**  
Well #: 593

The sketch below only required for water wells

If well telescopes, show depths on sketch.



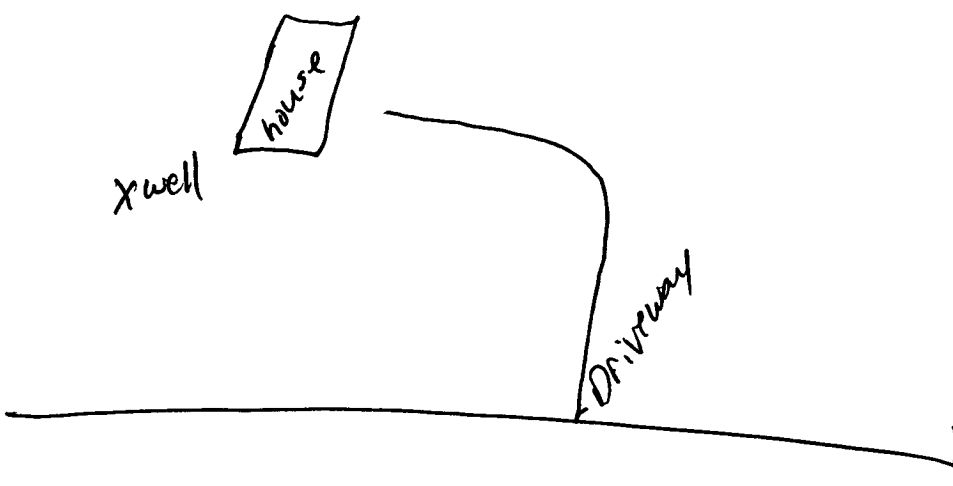
Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

Description of Formations Encountered	From (depth)	To (depth)
topsoil	Ground level	1
clay	1	50
sand	50	75

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



Received  
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By OLWR

Landowner Name: Kieth King

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 M. Wells 00005889  
Print Name of Responsible Licensee and License No.

8-15-16  
Date

James M. Wells  
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: Jefferson Davis  
Permit #: \_\_\_\_\_  
Driller: James M. Wells  
Date completed: 6-30-16  
*Copy information from block on Part 1*

**For Office Use Only:**  
Well #: 593  
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>Keith King</u>	Latitude: <u>31°26.34</u> Longitude: <u>89°45.8</u>
Mailing Address: _____ <u>128 McNease Rd.</u>	Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
<u>Bassfield</u> <u>MS</u> <u>39421</u> City State Zip Code	_____ 1/4 _____ 1/4, Sec _____ T _____ R _____
Telephone No. <u>(601) 441-7995</u>	_____ Miles _____ of _____ (Distance) (Direction) (Nearest Town)

**Pump Type (circle one)**  
 Submersible  Turbine  Air Lift  Centrifugal  Flowing Well  Jet  Piston  Rotary  Other (describe): \_\_\_\_\_  
Date Pump Installed: 6-30-16 Rated Pump Capacity: 12 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 Setting Depth: 50 feet Number of Stages: 14

**Pump Test Data for Non Flowing Well**  
Date Well Tested: 6-30-16 Duration of Pump Test (minimum 4 hours): 4 hours  
Static Water Level (A): 30 Feet Below Land Surface Pumping Water Level (B): 50 Feet Below Land Surface  
Drawdown [(B) - (A)]: 37 20 Feet Below Land Surface Test Pumping Rate: 17 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  
*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 M. Wells 00005889 8-15-16 James M. Wells  
Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer