

258

# 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 #: L 165  
Aquifer: \_\_\_\_\_  
E-Log #: \_\_\_\_\_

County: DeSoto  
Permit #: \_\_\_\_\_  
Driller: Bob Smart  
Date drilling completed: 7-16-19

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>Justin King</u>	Latitude: <u>33°45'13.66</u> Longitude: <u>89°58'31.79</u>
Mailing Address: <u>745 Club Can</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>DR</u>	USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
<u>Henrieville MS 38632</u>	<u>SW</u> ¼ <u>ME</u> ¼, Sec. <u>7</u> T. <u>4S</u> R. <u>7W</u>
City _____ State _____ Zip Code _____	Miles _____ of _____ (Nearest Town)
Telephone No. <u>901 212-1661</u>	(Distance) (Direction)

**Well / Borehole Data**

Date drilling started: 7-16-19 Date drilling completed: 7-16-19 Hole depth: 165 Hole diameter: 8"

Location of the source of any surface water used for drilling: \_\_\_\_\_

Method of dosing and volume of Chlorine used in drilling and development: 5 PPM

Logs run (circle all applicable): No log run Electric Gamma Ray Density Sonic Neutron Other: \_\_\_\_\_

Name of organization running log(s): \_\_\_\_\_

Purpose of borehole (circle one): Water Well 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 Irrigation Fish Culture

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

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

Static Water Level: 50 feet [above or below] land surface Date measured: 7-16-19

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

Well depth: 165 Well grouted to a depth of: 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 145 feet Casing diameter: 4 inches Type of casing: PVC

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

Screen slot size: 13 T.M.O.S. inches Setting depth: From 145 feet to 165 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 19 2019  
BY OLWR



# 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: DESOUD  
 Permit #: \_\_\_\_\_  
 Driller: BOB SMITH  
 Date completed: 7-16-19  
Copy information from block on Part 1

**For Office Use Only:**

Well #: L165  
 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>JUSTIN KING</u>	Latitude: <u>39°45'13.66</u> Longitude: <u>89°58'31.79</u>
Mailing Address: <u>745 CLUB COUNTRY</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>HEMLOCK MS 38632</u>	USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
City _____ State _____ Zip Code _____	<u>SW</u> ¼ <u>NE</u> ¼, Sec <u>7</u> T <u>4S</u> R <u>7W</u>
Telephone No. <u>601 212-1661</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: 7-16-19 Rated Pump Capacity: 22 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 Setting Depth: 80 feet Number of Stages: 11

**Pump Test Data for Non Flowing Well**

Date Well Tested: 7-16-19 Duration of Pump Test (minimum 4 hours): \_\_\_\_\_ hours

Static Water Level (A): 50 Feet Below Land Surface Pumping Water Level (B): \_\_\_\_\_ Feet Below Land Surface

Drawdown [(B) - (A)]: \_\_\_\_\_ Feet Below Land Surface Test Pumping Rate: 28 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.

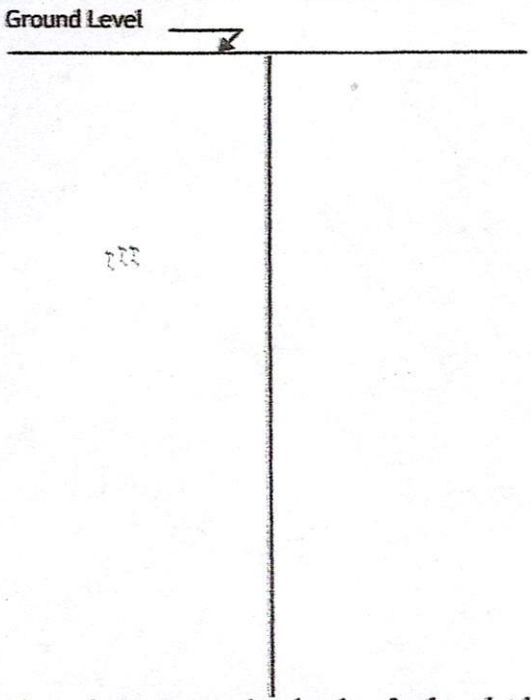
BOB SMITH 0645 8-13-19 \_\_\_\_\_  
 Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer



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

**For Office Use Only:**  
 Well #: \_\_\_\_\_

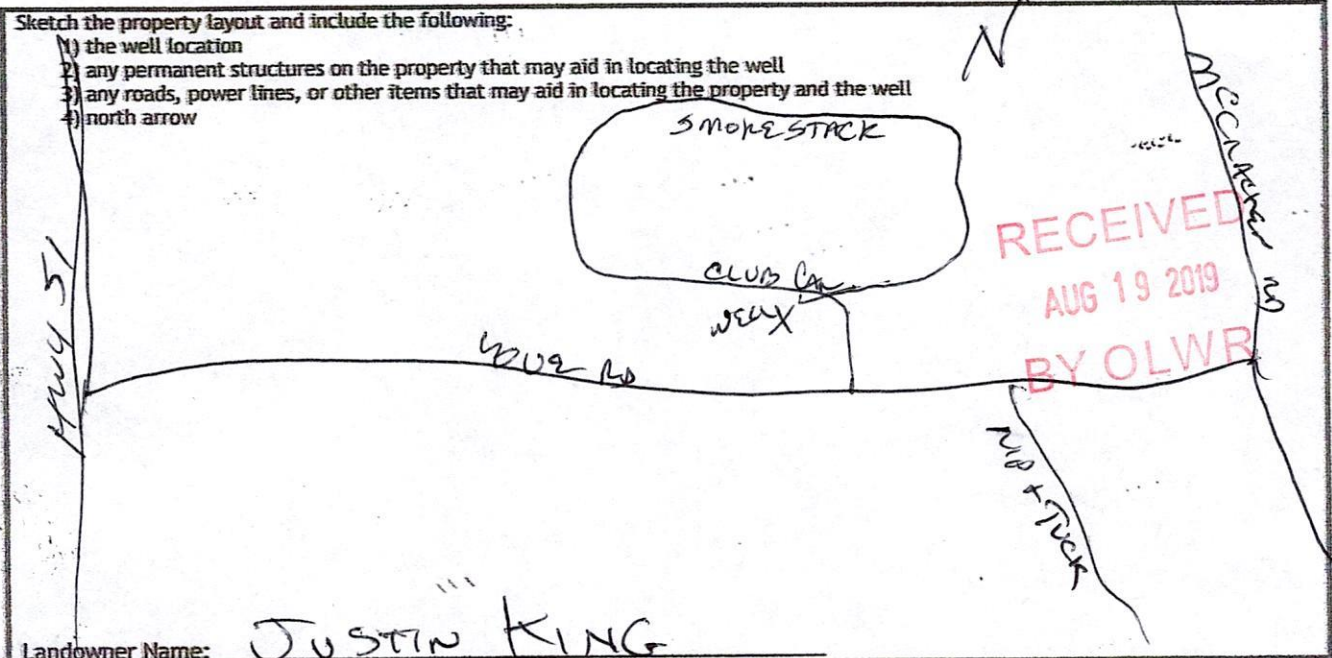
The sketch below only required for water wells  
If well telescopes, show depths on sketch.



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

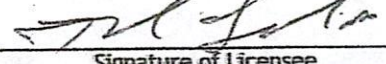
Description of Formations Encountered	From (depth)	To (depth)
TOP SOIL	0	5
BROWN CLAY	5	20
RED SAND + GRAVEL	20	55
WHITE CLAY	55	110
WHITE SAND + CLAY	110	140
WHITE SAND	140	165

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



Landowner Name: JUSTIN 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.

BOB SMITH 0-645 8-13-19   
 Print Name of Responsible Licensee and License No. Date Signature of Licensee