

# 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 #: C46  
Aquifer: \_\_\_\_\_  
E-Log #: \_\_\_\_\_

County: FATE Panola  
Permit #: \_\_\_\_\_  
Driller: BOB SMITH  
Date drilling completed: 10-24-16

*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>GARY MILLS</u>	Latitude: <u>34°33'02.50</u> Longitude: <u>89°53'31.55</u>
Mailing Address: <u>1032 Como TRACE</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>SENATORIA MS 38668</u>	USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
City _____ State _____ Zip Code _____	<u>NE 1/4 NW 1/4, Sec 17 T 22 S R 7 W</u>
Telephone No. <u>662-501-6228</u>	<u>6</u> Miles <u>S/E</u> of <u>SENATORIA</u> (Distance) (Direction) (Nearest Town)

Well / Borehole Data
Date drilling started: <u>10-24-16</u> Date drilling completed: <u>10-24-16</u> Hole depth: <u>208</u> Hole diameter: <u>8"</u>
Location of the source of any surface water used for drilling: _____
Method of dosing and volume of Chlorine used in drilling and development: <u>5 ppm</u>
Logs run (circle all applicable): 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 <input type="radio"/> Seismic Survey <input type="radio"/> 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="checkbox"/> Home <input type="checkbox"/> Industrial <input type="checkbox"/> Public Supply <input type="checkbox"/> Irrigation <input type="checkbox"/> Fish Culture Other (describe): _____
If a flowing well, method of flow regulation: Valve _____ Other (describe) _____
Static Water Level: <u>72</u> feet (above or below land surface) (circle one) Date measured: <u>10-24-16</u>
Method of measurement (circle one): Steel tape <input type="checkbox"/> Electric tape <input type="checkbox"/> Airline <input type="checkbox"/> Other (describe): <u>LIVE + WEIGHT</u>
Well depth: <u>208</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>188</u> feet Casing diameter: <u>4</u> inches Type of casing: <u>PVC</u>
Screen length: <u>70</u> feet Screen diameter: <u>4</u> inches Type of screen: <u>PVC</u>
Screen slot size: <u>13 TENS</u> inches Setting depth: From <u>188</u> feet to <u>208</u> feet
Type of completion (circle all applicable): Gravel packed <input type="checkbox"/> Underreamed <input type="checkbox"/> Open hole <input type="checkbox"/> Natural Development <input type="checkbox"/> 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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Panola

# STATE WELL REPORT

## Part 2

**Pump Installer's Completion Report**  
 Mississippi Department of Environmental Quality  
 Office of Land and Water Resources  
 P.O. Box 2389  
 Jackson, MS 39225-2389  
 (601)961-5210  
 (601) 360-0535 (fax)

### For Office Use Only:

Well #: C46  
 Aquifer: \_\_\_\_\_

County: Panola  
 Permit #: \_\_\_\_\_  
 Driller: Bob Smith  
 Date completed: 10-24-16  
 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>GARY MILLS</u>	Latitude: <u>34°33'02.50</u> Longitude: <u>89°55'31.55</u>
Mailing Address: <u>1032 Camo TURE</u>	Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
<u>SEVATOPIA</u> MS <u>38668</u>	<u>NE 1/4 NW 1/4, Sec 24 T 6 S R 7 W</u>
City State Zip Code	<u>6</u> Miles <u>S/E</u> of <u>SEVATOPIA</u>
Telephone No. <u>(662) 501-6228</u>	(Distance) (Direction) (Nearest Town)

**Pump Type (circle one)**  
 Submersible  Turbine  Air Lift  Centrifugal  Flowing Well  Jet  Piston  Rotary  Other (describe): \_\_\_\_\_

Date Pump Installed: 10-24-16 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: 100 feet Number of Stages: 11

**Pump Test Data for Non Flowing Well**

Date Well Tested: 10-24-16 Duration of Pump Test (minimum 4 hours): \_\_\_\_\_ hours

Static Water Level (A): 22 Feet Below Land Surface Pumping Water Level (B): \_\_\_\_\_ Feet Below Land Surface

Drawdown [(B) - (A)]: \_\_\_\_\_ Feet Below Land Surface Test Pumping Rate: 25 Gallons Per Minute

Method of measurement (circle one): Steel tape  Electric tape  Air line  Other (describe): LINE & WEIGHT

**Pump Test Data for Flowing Well**

Measured shut in head: \_\_\_\_\_ feet

Well yielded 25 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 11-16-16 [Signature]  
 Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer

Panola

County: STATE

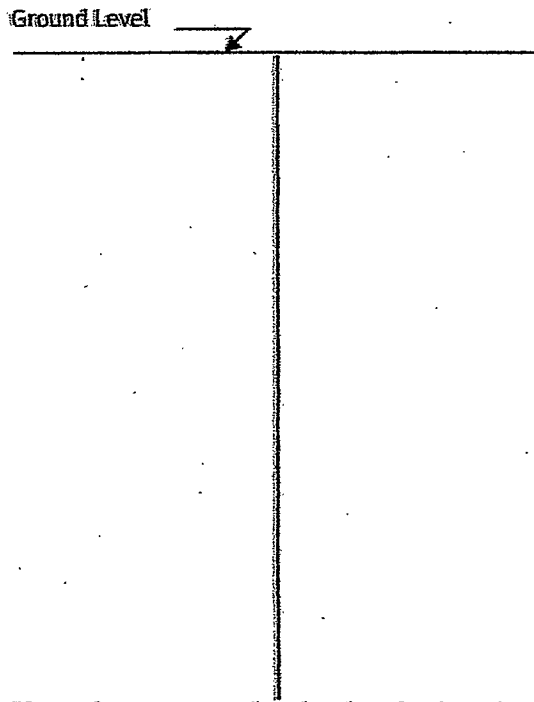
Permit #: \_\_\_\_\_

**For Office Use Only:**

Well #: CA6

The sketch below only required for water wells

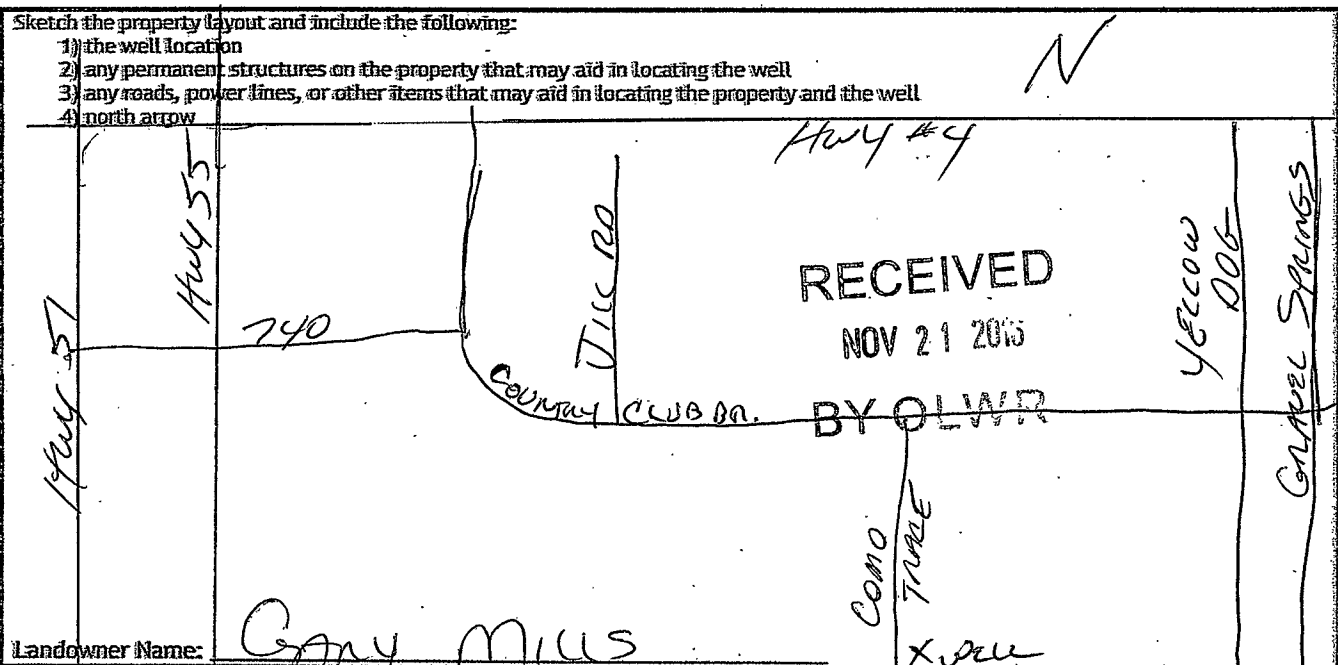
If well telescopes, show depths on sketch.



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

Description of Formations Encountered	From (depth) Ground level	To (depth)
TOP SOIL	0	5
BROWN CLAY	5	20
RED CLAY + SAND	20	40
GRAVEL	40	160
WHITE CLAY + SAND	160	180
WHITE SAND	180	208

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



Landowner Name: GARY MILLS

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 0645 11-16-16 [Signature]

Print Name of Responsible Licensee and License No.      Date      Signature of Licensee