

County: Pike  
 Permit #: \_\_\_\_\_  
 Driller: Willie Jordan  
 Date drilling completed: 12/13/12

**State Well Report**  
**Part I - Driller's Log**  
 Mississippi Department of Environmental Quality  
 Office of Land and Water Resources  
 P.O. Box 2307  
 Jackson, MS 39225  
 (601)961- 5210  
 (601)961- 5228 (fax)

**For Office Use Only:**  
 Aquifer: \_\_\_\_\_  
 Well #: M152  
 L. S. Elevation: \_\_\_\_\_  
 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.*

Information on Well Owner (Landowner if borehole is not for a water well)	Well or Borehole Location
Owner Name: <u>Richard Mertens</u>	Latitude: <u>31° 01' 10" N</u> Longitude: <u>90° 15' 47" W</u>
Mailing Address: <u>3060 Smithburg Rd</u> <u>Osyka, MS</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
City: _____ State: _____ Zip Code: _____	<u>NE 1/4 SE 1/4 Sec 26 Twn 1N Rng 9E</u>
Telephone No. ( ) _____	Distance: <u>10</u> Miles Direction: <u>E</u> of Nearest Town: <u>Osyka, MS</u>

**Well / Borehole Data**

Date drilling started: 12/13/12 Date drilling completed: 12/13/12 Hole depth: 146 Hole diameter: 7 1/2

Location of the source of any surface water used for drilling: POTABLE WATER

Method of dosing and volume of Chlorine used in drilling and development: \_\_\_\_\_

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

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

Purpose of borehole (check 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 (check one): Home  Industrial \_\_\_\_\_ Public Supply \_\_\_\_\_ Irrigation \_\_\_\_\_ Fish Culture \_\_\_\_\_ Other: \_\_\_\_\_

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

Static Water Level: 90 feet above or below (circle one) land surface Date measured: 12/13/12

Method of Measurement (circle one) steel tape electric tape air line other: \_\_\_\_\_

Well depth: 146 Well grouted to a depth of 10 feet Type of grout (circle one): Port Cement Bentonite Mix

Casing length: 136 feet Casing diameter: 4 inches Type of casing: PVC

Screen length: 10 feet Screen diameter: 4 inches Type of screen: PVC

Screen slot size: .010 inches Setting depth: From 136 feet to 146 feet

Type of completion (circle all applicable): Gravel packed Underreamed Telescoped Open hole Natural Development

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

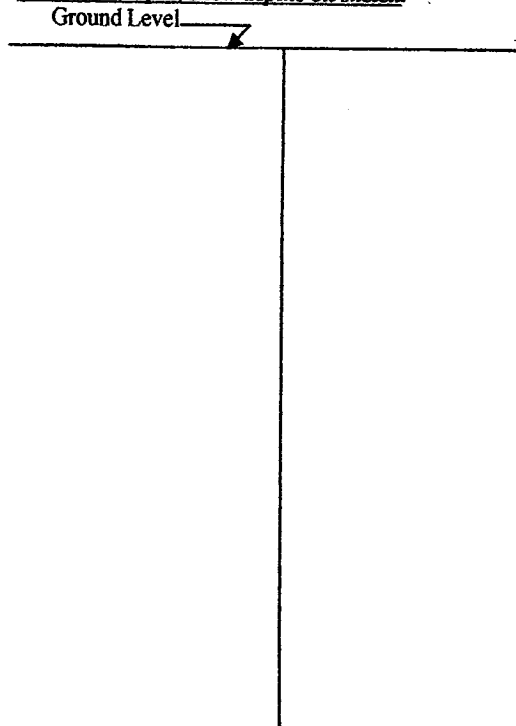
Top of lap pipe or reduction in casing: \_\_\_\_\_ feet. *If telescoped or more than one screen, describe on next page*

Form: OLWR-SWR-1A (04/08)

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The sketch below only required for water wells

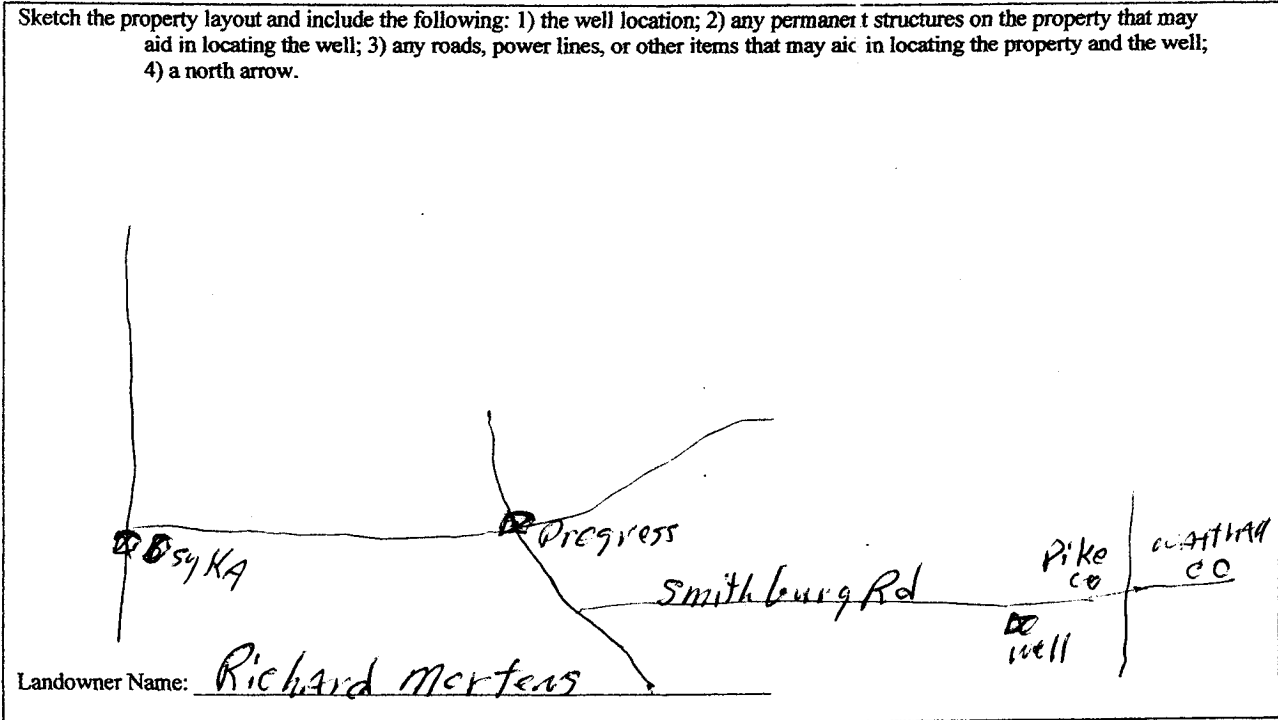
If well telescopes, show depths on sketch.



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	1
Sandy Clay	1	90
Sand	90	196

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



Form: OLWR-SWR-1A (04/08)

I 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.

Willie Jordan 0-508     12/13/12  
Print Name of Responsible Licensee and License No.     Date

*(Signature)*  
Signature of Licensee

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# 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  
(601)961-5210  
(601)961-5228 (fax)

County: Pike  
Permit #: \_\_\_\_\_  
Driller: Willie Jordan  
Date completed: 12/13/12  
*Copy information from block on Part 1*

**For Office Use Only:**  
Aquifer: \_\_\_\_\_  
Well #: M152  
Elevation: \_\_\_\_\_

*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>Richard Mertens</u>	Latitude: <u>31 01 10<sup>N</sup></u> Longitude: <u>90 15 47<sup>W</sup></u>
Mailing Address: <u>3060 Smithburg Rd</u> <u>Osyka, MS.</u>	Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____ Hand-held GPS _____ Survey-grade GPS _____
City _____ State _____ Zip Code _____	<u>NE 1/4 SE 1/4 Sec 26 T 1 R 9E</u>
Telephone No. (____) _____	Distance _____ Direction _____ Nearest Town _____
	<u>10 Miles E of Osyka, MS.</u>

Pump Type Circle one	Power Type Circle one
Air Lift      Jet <u>Submersible</u>	Diesel Engine      Gasoline Engine      Natural Gas
Bucket      Piston      Turbine	<u>Electric Motor</u> Hand      Tractor PTO
Centrifugal      Rotary      Flowing Well	Windmill      Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>1</u>
Date Pump Installed: <u>12/13/12</u>	Setting Depth: <u>140</u> feet
Rated Pump Capacity: <u>19</u> Gallons Per Minute	Number of Stages: <u>9</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>12/13/12</u>	Air Line      Electric Measuring Line <u>Steel Tape</u>
Static Water Level (A): <u>90</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): _____ Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: _____ Feet Below Land Surface	Well yielded <u>19</u> GPM with a drawdown of _____ feet after <u>4</u> hours of pumping
Test Pumping Rate: <u>19</u> Gallons Per Minute	
Duration of Pump Test (minimum 4 hours): <u>4</u> hours	

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

Willie Jordan 0-508  
Print Name of Pump Installer and License No. (if applicable)

[Signature]  
Signature of Pump Installer

Form: OLWR-SWR-1B (04/08)

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