

PS

# 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 #: F 196  
Aquifer: \_\_\_\_\_  
E-Log #: \_\_\_\_\_

County: Lafayette  
Permit #: 116964  
Driller: Andy Armstrong  
Date drilling completed: 3/7/14

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	Well or Borehole Location		
(Landowner if borehole is not for a water well)			
Owner Name: <u>City of Oxford</u>	Latitude: <u>34° 21' 02"</u> <del>N34° 21' 03.5"</del>	Longitude: <u>89° 32' 43"</u> <del>W89° 32' 706</del>	
Mailing Address: <u>107 Courthouse Square</u>	Method of Lat/Long (check one): Conventional Survey, _____		
City: <u>Oxford</u> State: <u>MS</u> ZC: <u>38655</u>	USGS Quad: <u>NE 5E</u>	Hand-held GPS: <u>50</u>	X Survey-grade GPS: _____
Telephone No.: <u>662-232-2303</u>	<u>NE</u> 1/4, Sec <u>30</u> T <u>8S</u> R <u>3W</u>	Miles _____	of _____
	(Distance)	(Direction)	(Nearest Town)

Well / Borehole Data	
Date drilling started: <u>2/13/14</u>	Date drilling completed: <u>3/7/14</u> Hole depth: <u>167'</u> Hole diameter: <u>29"</u>
Location of the source of any surface water used for drilling: _____ 2" tap by road	
Method of dosing and volume of Chlorine used in drilling and development: _____ 15 gallons poured through top	
Logs run (circle all applicable): No log run <u>Electric</u> <u>Gamma Ray</u> Density Sonic Neutron Other: _____	
Name of organization running log(s): <u>Layne Christensen Company</u>	
Purpose of borehole (circle one): <u>Water Well</u> Geotechnical/Geological Investigation Ground Source Heat Pump Seismic Survey 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): Home Industrial <u>Public Supply</u> Irrigation Fish Culture	
Other (describe): _____	
If a flowing well, method of flow regulation: Valve _____ Other (describe) _____	
Static Water Level: <u>117'</u> Feet [Above or <u>Below</u> ] Land surface Date measured: <u>3/7/14</u> (circle one)	
Method of measurement (circle one): Steel tape <u>Electric tape</u> Air line Other (describe): _____	
Well depth: <u>167'</u> Well grouted to a depth of: <u>147'</u> feet Type of grout (circle one): <u>Neat Cement</u> Bentonite Mix	
Casing length: <u>147'</u> Feet Casing diameter: <u>24</u> inches Type of casing: <u>Steel</u>	
Screen length: <u>15'</u> Feet Screen diameter: <u>16</u> inches Type of screen: <u>Stainless Steel</u>	
Screen slot size: <u>0.035</u> Setting depth: From <u>152</u> feet to <u>167</u> feet	
Type of completion (circle all applicable): <u>Gravel packed</u> <u>Underreamed</u> Open Hole Natural Development	
Other (describe): _____	
Top of lap pipe or reduction in casing: <u>92</u> feet	
<i>If telescoped or more than one screen, describe on next page.</i>	

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

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34.350  
-89.545

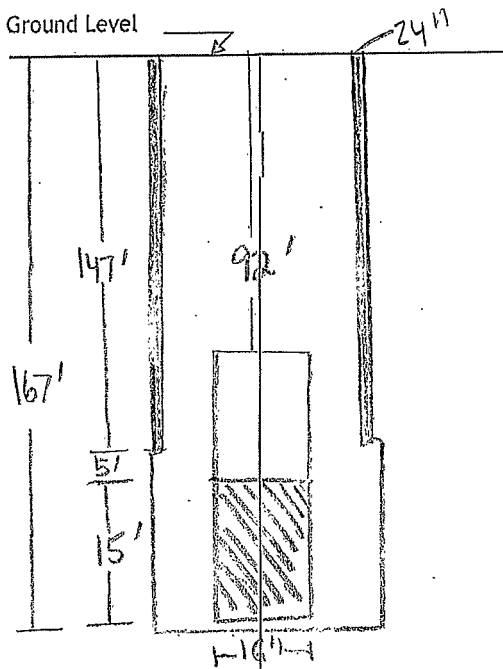
APR 23 2014

BY: OLWR

County: Lafayette  
 Permit #: 16964

For Office Use Only:  
 Well #: F196

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



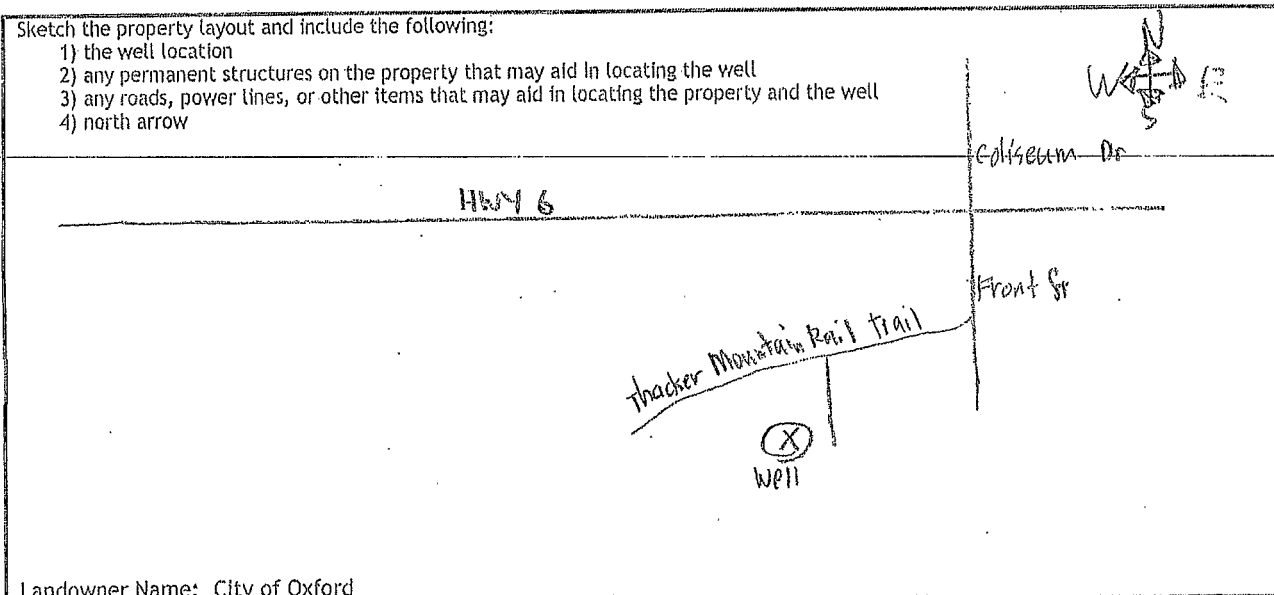
If more than one screen, show location of each on sketch

*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)
Red Clay	Ground level	17
White Clay	17	24
White Sand and Clay	24	39
Sandy Clay	39	44
Sandy Clay	44	64
Clay	64	79
Sandy Clay	79	84
Clay	84	89
Sandy Clay	89	104
Sand and Clay	104	109
Sand	109	124
Sand	124	144
Sand	144	148
Sand and Clay	148	152
Sand	152	164
Sand	164	168
Clay	168	180

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



Landowner Name: City of Oxford

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.

Jace Rawls - 0-4688

Print Name of Responsible Licensee and License No. Jace Memphis

Date 04-16-14

Signature of Licensee [Signature]

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