

# State Well Report

## Part 1 - Driller's Log

Mississippi Department of Environmental Quality  
Office of Land and Water Resources  
P.O. Box 10631  
Jackson, MS 39289-0631  
(601)961-5210  
(601)354-6938 (fax)

County: Perry  
Permit #: \_\_\_\_\_  
Driller: Michael S. Howard  
Date drilling completed: 12-18-07

For Office Use Only:  
Aquifer: \_\_\_\_\_  
Well #: J-81  
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>J.W. Lott Rd</u>	Latitude: <u>31° 11' 52.7"</u> Longitude: <u>88° 51' 38.0"</u>
Mailing Address: <u>6 Isom Lott</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, <u>hand-held GPS</u> Survey-grade GPS
<u>Beaumont MS 39523</u> City State Zip Code	<u>1/4</u> <u>1/4</u> Sec <u>25</u> Twn <u>T3N</u> Rng <u>R9W</u>
Telephone No. <u>(601) 784-3304</u>	Distance <u>3</u> Miles Direction <u>N</u> of Nearest Town <u>Beaumont</u>

**Well / Borehole Data**

Date drilling started: 12-17-07 Date drilling completed: 12-18-07 Hole depth: 55 Hole diameter: 4 1/4

Location of the source of any surface water used for drilling: None

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: 29 feet above or below (circle one) land surface Date measured: 12-18-07

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

Well depth: 55 Well grouted to a depth of 12 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 50 feet Casing diameter: 2 inches Type of casing: PVC 540 BE

Screen length: 5 feet Screen diameter: 2 inches Type of screen: PVC 540 WOP

Screen slot size: .006 inches Setting depth: From 50 feet to 55 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*

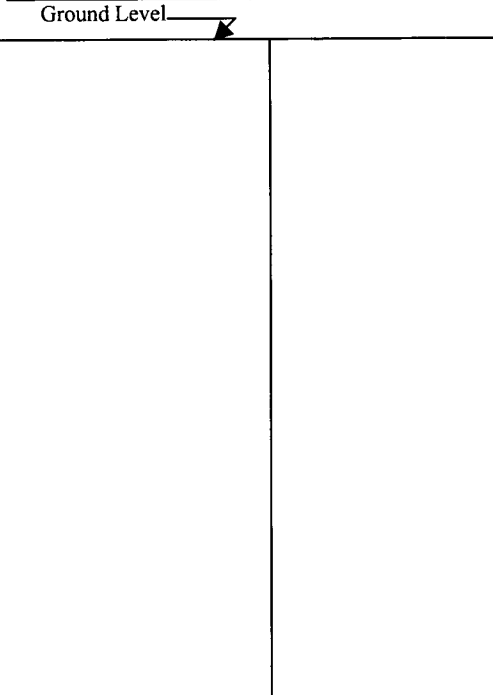
Form: OLWR-SWR-1A

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J-81

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)
	Ground Level	
Sand	0	22
Clay	22	46
Sand	46	55

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) a north arrow.

Landowner Name: JW Lott

Form: OLWR-SWR-1A

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.

Michael S. Howard 0-623 12-27-07  
Print Name of Responsible Licensee and License No.      Date

Michael Howard  
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 10631  
 Jackson, MS 39289-0631  
 (601)961-5210  
 (601)354-6938 (fax)

County: Perry  
 Permit #: \_\_\_\_\_  
 Driller: Michael S. Howard  
 Date completed: 12-18-07  
*Copy information from block on Part 1*

**For Office Use Only:**

Aquifer: \_\_\_\_\_  
 Well #: J-81  
 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>J.W. Lott</u>	Latitude: <u>N31°11.527</u> Longitude: <u>W88°51.380</u>
Mailing Address: <u>6 Isom Lott Rd</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Brammont MS 39523</u> City State Zip Code	USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
Telephone No. <u>(601) 784-3304</u>	_____ 1/4 _____ 1/4 Sec <u>25 T 3N R 9W</u>
	Distance Direction Nearest Town
	<u>3</u> Miles <u>N</u> of <u>Brammont</u>

Pump Type Circle one	Power Type Circle one
Air Lift <input type="checkbox"/> Submersible <input type="checkbox"/>	Diesel Engine <input type="checkbox"/> Gasoline Engine <input type="checkbox"/> Natural Gas <input type="checkbox"/>
Bucket <input type="checkbox"/> Piston <input type="checkbox"/> Turbine <input type="checkbox"/>	<input checked="" type="checkbox"/> <b>Electric Motor</b> <input type="checkbox"/> Hand <input type="checkbox"/> Tractor PTO <input type="checkbox"/>
Centrifugal <input type="checkbox"/> Rotary <input type="checkbox"/> Flowing Well <input type="checkbox"/>	Windmill <input type="checkbox"/> Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: _____
Date Pump Installed: <u>12-18-07</u>	Setting Depth: <u>40</u> feet
Rated Pump Capacity: <u>10</u> Gallons Per Minute	Number of Stages: <u>2</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>12-18-07</u>	Air Line <input type="checkbox"/> <input checked="" type="checkbox"/> <b>Electric Measuring Line</b> <input type="checkbox"/> Steel Tape
Static Water Level (A): <u>28</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>38</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>10</u> Feet Below Land Surface	Well yielded <u>10</u> GPM with a drawdown of
Test Pumping Rate: <u>10</u> Gallons Per Minute	<u>10</u> feet after <u>4</u> hours of pumping
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.

Michael S. Howard 0-673 Michael S. Howard  
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

Form: OLWR-SWR-1B  
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