

County: Bolivar
 Permit #: GW-44534
 Driller: Cook Dalg. Co. Inc.
 Date drilling completed: 3-19-11

State Well Report
 Part I - Driller's Log
 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)

For Office Use Only:
 Aquifer: _____
 Well #: P234
 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.

<p>Information on Well Owner <i>(Landowner if borehole is not for a water well)</i></p> <p>Owner Name: <u>Joe Earl Watford</u> Mailing Address: <u>656 Howard Rd.</u> <u>Boyle</u> <u>Ms.</u> <u>38730</u> City State Zip Code Telephone No. () _____</p>	<p>Well or Borehole Location</p> <p>Latitude: <u>33° 40' 00"</u> Longitude: <u>90° 47' 50"</u> Method of Lat/Long (circle one): <u>5.5</u> Conventional Survey <u>59.7</u> USGS quad, Hand-held GPS, Survey-grade GPS <u>SE 1/4 NE 1/4 Sec 15 Twn 21N Rng 06W</u> Distance Direction Nearest Town <u>2</u> Miles <u>S</u> of <u>ST. LOUIS</u></p>
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Well / Borehole Data

Date drilling started: 3/11/11 Date drilling completed: 3/19/11 Hole depth: 120 Hole diameter: 26 in

Location of the source of any surface water used for drilling: _____
 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 X Irrigation ___ Fish Culture ___ Other: _____

If a flowing well, method of flow regulation: Valve ___ Other (describe) _____

Static Water Level: 45 feet above or below (circle one) land surface Date measured: 3/19/11

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

Well depth: 120 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 80 feet Casing diameter: 16 inches Type of casing: PVC

Screen length: 40 feet Screen diameter: 16 inches Type of screen: PVC

Screen slot size: 0.50 inches Setting depth: From 80 feet to 120 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)

JAN 24 2012
 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
(601)961-5210
(601)961-5228 (fax)

County: Bolivar
Permit #: GW-44534
Driller: Cook Drilling Co., Inc.
Date completed: 3-20-11
Copy information from block on Part 1

For Office Use Only:

Aquifer: _____
Well #: P234
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>Joe Earl Watford</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>656 Howard Rd.</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Rough</u> <u>MS.</u> <u>38730</u>	USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
City State Zip Code	_____ 1/4 _____ 1/4 Sec <u>45</u> T <u>22</u> NR <u>06W</u>
Telephone No. () _____	Distance Direction Nearest Town
	<u>3</u> Miles <u>S</u> of <u>Sharon MS</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet Submersible	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston <u>Turbine</u>	<u>Electric Motor</u> Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>30HP</u>
Date Pump Installed: <u>3/20/11</u>	Setting Depth: <u>60</u> feet
Rated Pump Capacity: <u>1600</u> Gallons Per Minute	Number of Stages: <u>2</u>

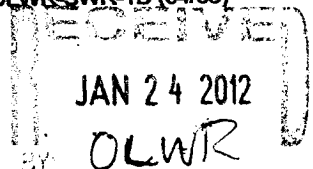
Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: _____	Air Line Electric Measuring Line Steel Tape
Static Water Level (A): <u>45</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): _____ Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: _____ Feet Below Land Surface	Well yielded _____ GPM with a drawdown of _____
Test Pumping Rate: _____ Gallons Per Minute	_____ feet after _____ hours of pumping
Duration of Pump Test (minimum 4 hours): _____ hours	

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

Cook Drilling Co., Inc 289
Print Name of Pump Installer and License No. (if applicable)

Yell Well
Signature of Pump Installer

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





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Executive Director
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Yazoo Mississippi Delta Joint Water Management District 7234

August 31, 2010

BAKER House

Joe Earl Watford
656 Howard Rd
Boyle, MS 38730

RE: Well Drilling / Authorization

Permit No: GW-44534
Replacement Well for GW-10668

Dear Joe Earl Watford:

This letter is to authorize the construction of a new well that is to be drilled in the Mississippi River Valley Alluvial Aquifer. Your application has been received and is currently being processed. The intended well location for your application is:

Location: Section_15_Township_21N_Range_06W_County_Bolivar

A copy of this notice or permit **must be** attached to the State Well Report. This report is a requirement of the State Well Drillers Regulation. A copy of this report **must be** mail or faxed to YMD Joint Water Management District.

Please be sure to complete the application process. **This is a temporary notice until you receive your permit.** If you have any questions please call our office at 662/686-7712.

Sincerely,

Dillard Melton, Jr.

Dillard Melton Jr.
Permitting Director

