

County: Leflore  
 Permit #: GW-48804  
 Driller: Irrigation Equipment Inc.  
 Date drilling completed: 02/03/2015

# 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 #: K159  
 Aquifer: \_\_\_\_\_  
 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.*

Well Owner Information <i>(Landowner if borehole is not for a water well)</i>			Well or Borehole Location		
Owner Name: <u>Ray Makanson</u>			Latitude: <u>33 31' 22.3 N</u> Longitude: <u>90 19' 50.1 W</u>		
Mailing Address: <u>7575 County Road 144</u>			Method of Lat/Long (check one): <input type="checkbox"/> Conventional Survey,		
			<input type="checkbox"/> USGS quad, <input checked="" type="checkbox"/> Hand-held GPS, <input type="checkbox"/> Survey-grade GPS		
<u>Itta Bena</u>	<u>Ms</u>	<u>38941</u>	<u>NW 1/4 SW 1/4, Sec 8 T 19 N R 1 W</u>		
City	State	Zip code			
Telephone No. ( ) -			<u>1</u> Miles	<u>North</u> of	<u>Itta Bena</u>
			<i>(Distance)</i>	<i>(Direction)</i>	<i>(Nearest Town)</i>

**Well / Borehole Data**

Date drilling started: 02/03/2015 Date drilling completed: 02/03/2015 Hole depth: 123' Hole diameter: 24"

Location of the source of any surface water used for drilling: Surface Water

Method of dosing and volume of Chlorine used in drilling and development: 50 PPM

Logs run (check 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 all applicable*):  Home  Industrial  Public Supply  Irrigation  Fish Culture  
 Other (*describe*): Replace GW-12429

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

Static Water Level: 52' feet [ above or  below] land surface Date measured: 02/04/2015  
*(check one)*

Method of Measurement (check one)  Steel tape  Electric tape  Air line  Other: (*describe*) \_\_\_\_\_

Well depth: 123' Well grouted to a depth of: 10' feet Type of grout (*check one*):  Neat Cement  Bentonite  Mix

Casing length: 83' feet Casing diameter: 16" inches Type of casing: PVC

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

Screen slot size: .050 inches Setting depth: From -6' 8 3/4 feet to 123' feet

Type of completion (check all applicable):  Gravel packed  Underreamed  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*

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
Form: OLWR-SWR-1A(4/15)

BY: OLWR

County: Leflore  
Permit #: GW-48804

For Office Use Only:  
Well #: K159

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

Ground level 

*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)
Clay	Ground level	21
Fine Sand	22	44
Fine Sand & Gravel	45	58
Medium Sand & Gravel	59	123

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

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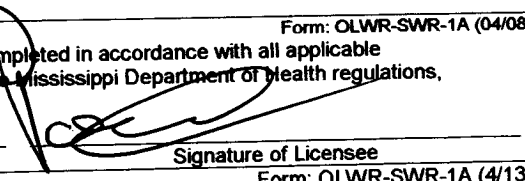
Landowner Name: Ray Makamson

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

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.

**Patrick Chism** 0695  
Print Name of Responsible Licensee and License No.

05/12/2015  
Date



Signature of Licensee

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

County: Leflore  
 Permit #: GW-48804  
 Driller: Irrigation Equipment Inc.  
 Date drilling completed: 02/03/2015  
*Copy information from block on Part 1*

**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 39225-2309  
 (601) 961-5210  
 (601) 360-0535 (fax)

**For Office Use Only:**  
 Well #: K159  
 Aquifer: \_\_\_\_\_

*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>Ray Makamsom</u>	Latitude: <u>33 31' 22.3 N</u> Longitude: <u>90 19' 50.1 W</u>
Mailing Address: <u>7575 County Road 144</u>	Method of Lat/Long (check one): <input type="checkbox"/> Conventional Survey, <input type="checkbox"/> USGS quad, <input checked="" type="checkbox"/> Hand-held GPS, <input type="checkbox"/> Survey-grade GPS
<u>Itta Bena</u> <u>Ms</u> <u>38941</u> City                                      State                                      Zip code	<u>NW 1/4 SW 1/4, Sec 8 T 19 N R 1 W</u>
Telephone No. (    ) -    -	<u>1</u> Miles <u>North</u> of <u>Itta Bena</u> (Distance)                      (Direction)                      (Nearest Town)

**Pump Type (check one)**

Submersible  Turbine  Air Lift  Centrifugal  Flowing Well  Jet  Piston  Rotary  Other (describe): \_\_\_\_\_

Date Pump Installed 02/04/2015      Rated Pump Capacity: 2300+/-      Gallons Per Minute

Is This Pump (check one):  New  Repaired  Replacement

**Power Type (check one)**

Electric  Diesel  Gasoline  Natural Gas  Tractor PTO  Windmill  Other (describe): \_\_\_\_\_

Horse Power Rating of Motor: 60      Setting Depth: 80'      feet      Number of Stages: 2

**Pump Test Data for Non Flowing Well**

Date Well Tested: \_\_\_\_\_      Duration of Pump Test (minimum 4 hours): \_\_\_\_\_      Hours

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

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

Method of measurement (check one):  Steel tape  Electric tape  Air line  Other (describe): \_\_\_\_\_

**Pump Test Data for Flowing Well**

Measured shut in head: \_\_\_\_\_      Feet

Well yielded \_\_\_\_\_      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 (check 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.

Patrick Chism                      0695                      05/12/2015  
 Print Name of Pump Installer and License No. (if applicable)      Date      Signature of Pump Installer

Form: OLWR (Rev. 12/13)

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MAY 15 2015

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