

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

County: Humphreys
Permit #: GW-49321
Driller: Irrigation Equipment, Inc.
Date drilling completed: 3-29-16

For Office Use Only:
Aquifer: _____
Well #: B 353
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>Charles W. Hill Farms</u>	Latitude: <u>33</u> ° <u>11</u> ' <u>38.0</u> " Longitude: <u>90</u> ° <u>36</u> ' <u>4.6</u> "
Mailing Address: <u>3478 Cole Lake Road</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, <u>Hand-held GPS</u> Survey-grade GPS
<u>Isola</u> MS <u>38754</u>	NE ¼ NW ¼ Sec <u>34</u> Twn <u>16N</u> Rng <u>4W</u>
City State Zip Code	Distance _____ Miles Direction <u>West</u> of Nearest Town <u>Belzoni</u>
Telephone No. (____) _____	

Well / Borehole Data

Date drilling started: 3-29-16 Date drilling completed: 3-29-16 Hole depth: 127' 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 (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: 32 feet above or below (circle one) land surface Date measured: 3-30-16

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

Well depth: 127' Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 87 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 88 feet to 127 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

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B353

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	22
Fine Sand	23	62
Fine Sand & Gravel	63	77
Med. Sand & Gravel	78	127

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

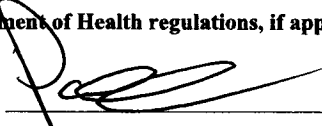
Sketch the property layout and include the following: 1) the well location; 2) any permanent structures on the property that may aid in locating the well; 3) any roads, power lines, or other items that may aid in locating the property and the well; 4) a north arrow.

Landowner Name: _____

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.

0695 _____ 4-4-16 _____
Print Name of Responsible Licensee and License No. Date


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: Humphreys
 Permit #: GW-49321
 Driller: Irrigation Equipment, Inc.
 Date completed: 3-29-16
Copy information from block on Part 1

For Office Use Only:

Aquifer: _____
 Well #: B353
 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>Charles W. Hill Farms</u>	Latitude: <u>33 11' 38.0"</u> Longitude: <u>90 36' 4.6"</u>						
Mailing Address: <u>3478 Cole Lake Road</u>	Method of Lat/Long (check one): Conventional Survey _____						
<table style="width: 100%; border: none;"> <tr> <td style="border: none;"><u>Isola</u></td> <td style="border: none;"><u>MS</u></td> <td style="border: none;"><u>38754</u></td> </tr> <tr> <td style="border: none;">City</td> <td style="border: none;">State</td> <td style="border: none;">Zip Code</td> </tr> </table>	<u>Isola</u>	<u>MS</u>	<u>38754</u>	City	State	Zip Code	USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
<u>Isola</u>	<u>MS</u>	<u>38754</u>					
City	State	Zip Code					
Telephone No. (____) _____	NE <u>1/4</u> NW <u>1/4</u> Sec <u>34</u> T <u>16N</u> R <u>4W</u>						
	Distance _____ Direction _____ Nearest Town _____						
	_____ Miles <u>West</u> of <u>Belzoni</u>						

Pump Type Circle one	Power Type Circle one
Air Lift Jet Submersible	<input checked="" type="radio"/> Diesel Engine Gasoline Engine Natural Gas
Bucket Piston <input checked="" type="radio"/> Turbine	Electric Motor Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>60</u>
Date Pump Installed: <u>3-30-16</u>	Setting Depth: <u>70</u> feet
Rated Pump Capacity: <u>2100 +/-</u> Gallons Per Minute	Number of Stages: <u>1</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): _____ 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 _____ feet after _____ hours of pumping
Test Pumping Rate: _____ Gallons Per Minute	
Duration of Pump Test (minimum 4 hours): _____ hours	

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

0695 _____
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

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

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