

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-49325
Driller: Irrigation Equipment, Inc.
Date drilling completed: 3-29-16

For Office Use Only:
Aquifer: _____
Well #: E 251
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>Drew Burton/ Pepper Cossar Trust/ CAPS</u> | Latitude: <u>33 ° 10 ' 19.7 "</u> Longitude: <u>90 ° 34 ' 23.7 "</u> |
| Mailing Address: <u>8106 Tupper Bayou 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 <u>1/4</u> SE <u>1/4</u> Sec <u>2</u> Twn <u>15N</u> Rng <u>4W</u> |
| City State Zip Code | Distance Direction Nearest Town Miles West of <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: 31 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-506-A (1/10)

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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 | 33 |
| Fine Sand & Gravel | 34 | 66 |
| Med. Sand & Gravel | 67 | 127 |
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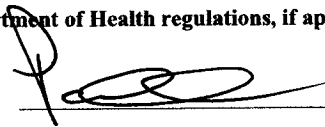
If more than one screen, show location of each on sketch

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-49325
 Driller: Irrigation Equipment, Inc.
 Date completed: 3-29-16
Copy information from block on Part 1

For Office Use Only:

Aquifer: _____
 Well #: E251
 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>Drew Burton/ Pepper Cossar Trust/ CAPS</u> | Latitude: <u>33 10' 19.7"</u> Longitude: <u>90 34' 23.7"</u> | | | | | | |
| Mailing Address: <u>8106 Tupper Bayou 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> SE <u>1/4</u> Sec <u>2</u> T <u>15N</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"/> <u>Diesel Engine</u> Gasoline Engine Natural Gas |
| Bucket Piston <input checked="" type="radio"/> <u>Turbine</u> | 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

Received
 Form: OLWR-SWR-1B (6/08)

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