

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)

For Office Use Only:

Aquifer: _____
 Well #: J91
 L. S. Elevation: _____
 E-log #: _____

County: PERRY
 Permit #: _____
 Driller: David L. Cain
 Date drilling completed: 1/17/2017

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 #1

Information on Well Owner (Landowner if borehole is not for a water well)	Well or Borehole Location
Owner Name: <u>Scott Gandy</u>	Latitude: <u>31 ° 12 ' 14 "</u> Longitude: <u>88 ° 51 ' 56 "</u>
Mailing Address: <u>261 Arlington Loop Rd.</u>	Method of Lat/Long (circle one): Conventional Survey, <input type="checkbox"/> USGS quad: (Hand-held GPS) <input type="checkbox"/> Survey-grade GPS <input checked="" type="checkbox"/>
<u>Beaumont, Ms. 39423</u>	SW <input checked="" type="checkbox"/> SE <input checked="" type="checkbox"/> NE <input checked="" type="checkbox"/> NW <input checked="" type="checkbox"/> Sec <u>23</u> Twn <u>3/N</u> Rng <u>9/W</u>
City State Zip Code	Distance Direction Nearest Town
Telephone No. <u>(601) 818-3831</u>	<u>4</u> Miles <u>N/E</u> of <u>Beaumont, MS.</u>

Well / Borehole Data

Date drilling started: 1/11 Date drilling completed: 1/17 Hole depth: 230 Hole diameter: 4"

Location of the source of any surface water used for drilling: Arlington Comm. Water System Well
 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: Poultry Farm

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

Static Water Level: 95 feet above or below (circle one) land surface Date measured: 1/17

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

Well depth: 230 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 200 feet Casing diameter: 4" inches Type of casing: PVC

Screen length: 30 feet Screen diameter: 2" inches Type of screen: PVC

Screen slot size: #10 inches Setting depth: From 200 feet to 230 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: 180 feet. *If telescoped or more than one screen, describe on next page*

RECEIVED
 FEB 10 2017
 BY OLWR

2-7-2017 David L. Cain

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 #: J91
 Aquifer: _____

County: PERRY
 Permit #: _____
 Driller: David L, Cain
 Date completed: 1/17/2017
 Copy information from block on Part 1

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 #1

Well Owner Information	Well Location
Owner Name: <u> Scott Gandy </u>	Latitude: <u> 31° 12' 14" </u> Longitude: <u> 88° 51' 56" </u>
Mailing Address: <u> 261 Arilington loop Rd </u>	Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS <u> XX </u> , Survey-grade GPS _____
<u> Beaumont, Ms. </u> <u> 39423 </u>	USGS quad <u> SW </u> , <u> SE </u> , Survey-grade GPS _____
City _____ State _____ Zip Code _____	North <u> 1/4 </u> East <u> 1/4 </u> , Sec <u> 25 </u> T <u> 3 </u> N R <u> 9 </u> W
Telephone No. <u> (601) 818-3831 </u>	<u> 4 </u> Miles <u> N/E </u> of <u> Beaumont, Ms. </u> (Distance) (Direction) (Nearest Town)

Pump Type (circle one)

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

Date Pump Installed: 1/17 Rated Pump Capacity: 30 Gallons Per Minute

Is This Pump (circle one): (New) Repaired Replacement

Power Type (circle one)

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

Horse Power Rating of Motor: 3 hp. Setting Depth: 175 feet Number of Stages: 18

Pump Test Data for Non Flowing Well

Date Well Tested: 1/17/2017 Duration of Pump Test (minimum 4 hours): 5 hours

Static Water Level (A): 95 Feet Below Land Surface Pumping Water Level (B): 140 Feet Below Land Surface

Drawdown [(B) - (A)]: 45 Feet Below Land Surface Test Pumping Rate: 48 Gallons Per Minute

Method of measurement (circle one): Steel tape Electric tape Air line Other (describe): String

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 (circle 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.

RECEIVED

Southren Ms. Water Well Drilling 2-7-2017 David L. Cain
 Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer

The first part of the document
 discusses the general principles
 of the system and the
 various components involved.
 It is important to note that
 the system is designed to be
 flexible and adaptable to
 changing requirements.
 The second part of the document
 provides a detailed description
 of the hardware and software
 components used in the system.
 This includes a list of the
 equipment and materials used,
 as well as a description of
 the software programs and
 their functions.

The third part of the document
 describes the installation and
 operation of the system. It
 provides a step-by-step guide
 to the installation process,
 including the necessary tools
 and equipment. It also
 discusses the various operating
 modes of the system and the
 procedures for starting and
 stopping the system.

The fourth part of the document
 discusses the maintenance and
 troubleshooting of the system.
 It provides a list of the
 common problems that may
 occur and the steps to be
 taken to resolve them. It
 also discusses the regular
 maintenance tasks that should
 be performed to ensure the
 system is operating properly.
 The fifth part of the document
 provides a summary of the
 system and its capabilities.
 It also includes a list of the
 references used in the document.
 The sixth part of the document
 contains the index and the
 table of contents.

The system is designed to be
 easy to use and maintain.
 It is suitable for use in
 a wide range of applications.
 The system is available in
 several configurations to
 meet the needs of different
 users.

RECEIVED

FEB 10 2017

BY OLWR

