

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: J59
Well #: _____
L. S. Elevation: _____
E-log #: _____

County: Jasper
Permit #: _____
Driller: David Carson
Date drilling completed: 2/17/2017

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.

Information on Well Owner (Landowner if borehole is not for a water well)	Well or Borehole Location
Owner Name: <u>Ashley Dayvolt</u>	Latitude: <u>32° 02' 49"</u> Longitude: <u>89° 13' 39"</u>
Mailing Address: <u>342 C.R. 1612</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
City: <u>Louis</u> State: <u>MS</u> Zip Code: <u>39338</u>	<u>NW</u> <u>NE</u> <u>10E</u> <u>1/4</u> <u>1/4</u> Sec <u>1</u> Twn <u>21N</u> Rng <u>12W</u>
Telephone No. <u>(601) 310-6978</u>	Distance: <u>3</u> Miles Direction: <u>S/E</u> of Nearest Town: <u>Louis MS</u> <u>39338</u>

Well / Borehole Data

Date drilling started: 2/10 Date drilling completed: 2-17 Hole depth: 380 Hole diameter: 4"

Location of the source of any surface water used for drilling: Comm. water 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: Chicken farm

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

Static Water Level: 160 feet above or below (circle one) land surface Date measured: 2-16

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

Well depth: 380 Well grouted to a depth of 25 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 300 feet Casing diameter: 4" inches Type of casing: PVC

Screen length: 80 feet Screen diameter: 2" inches Type of screen: PVC

Screen slot size: #10 inches Setting depth: From 300 feet to 380 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: 280 feet. *If telescoped or more than one screen, describe on next page*

Southern MS Water Well Driller's Log #0-3831
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Form: OLWR-SWR-1A (04/08)
Rambold Co 3/13/2017

MAR 16 2017
BY OLWR

MEMORANDUM

TO: THE PRESIDENT

FROM: THE SECRETARY OF STATE

SUBJECT: [Illegible]

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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: Jasper
 Permit #: _____
 Driller: David Cain
 Date completed: 2/17/2017
Copy information from block on Part 1

For Office Use Only:

Aquifer: _____
 Well #: J59
 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>Ashley Dayvolt</u>	Latitude: <u>32° 02' 49"</u> Longitude: <u>89° 15' 34"</u>
Mailing Address: <u>342 CR. 1612</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Louis</u> <u>MS</u> <u>39338</u>	USGS quad _____ <input checked="" type="checkbox"/> Hand-held GPS _____ Survey-grade GPS _____
City State Zip Code	<u>N</u> 1/4 <u>E</u> 1/4 Sec <u>1</u> T <u>21N</u> R <u>12W</u>
Telephone No. <u>(601) 310-6978</u>	<u>NW</u> <u>NE</u> Direction Nearest Town <u>10E</u>
	<u>3</u> Miles <u>S/E</u> of <u>Louis MS</u> <u>39338</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input checked="" type="radio"/> Submersible	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston Turbine	<input checked="" type="radio"/> Electric Motor Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>5 hp</u>
Date Pump Installed: <u>2-16-2017</u>	Setting Depth: <u>240</u> feet
Rated Pump Capacity: <u>50</u> Gallons Per Minute	Number of Stages: <u>15</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>2-16-2017</u>	Air Line Electric Measuring Line Steel Tape
Static Water Level (A): <u>160</u> Feet Below Land Surface	Other (specify): <u>Stakey</u>
Pumping Water Level (B): <u>225</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B)-(A)]: <u>65</u> Feet Below Land Surface	Well yielded <u>60</u> GPM with a drawdown of
Test Pumping Rate: <u>60</u> Gallons Per Minute	<u>65</u> feet after <u>6</u> hours of pumping
Duration of Pump Test (minimum 4 hours): <u>6</u> hours	

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

Southern Mc Water Well Drilling David Cain 3-13-2017
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

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 MAR 16 2017
 BY OLWR
 Form: OLWR-SWR-1B (04/08)

THE UNIVERSITY OF CHICAGO

PH.D. THESIS
SUBMITTED TO THE FACULTY OF THE DIVISION OF THE PHYSICAL SCIENCES
IN CANDIDACY FOR THE DEGREE OF DOCTOR OF PHILOSOPHY
BY
[Name]

DEPARTMENT OF CHEMISTRY
CHICAGO, ILLINOIS
[Date]

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ABSTRACT
[Abstract text]

ACKNOWLEDGMENTS
[Acknowledgments text]

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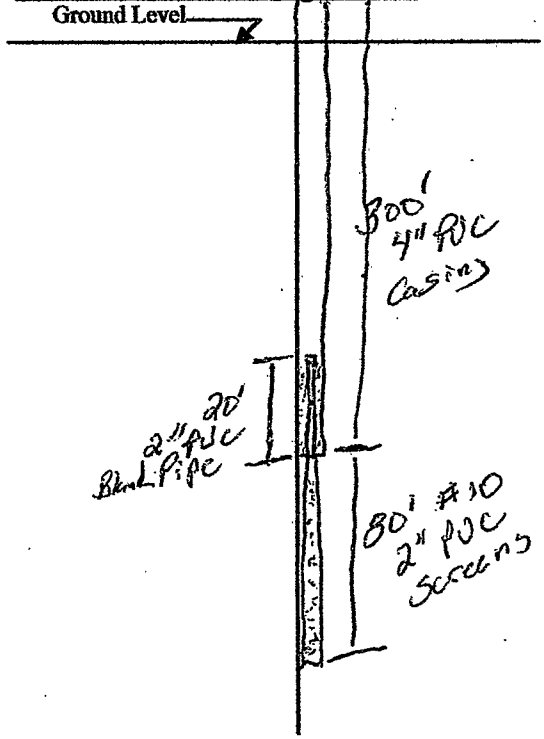
INTRODUCTION
[Introduction text]

CHAPTER I
[Chapter I text]

The sketch below only required for water wells

Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

If well telescopes, show depths on sketch.



Description of Formations Encountered	From (depth)	To (depth)
Top Soil & Clay	Ground Level	20
Clay	20	45
Sand	45	60
Clay	60	220
Sand	220	230
Clay	230	300
Sea Shells	300	320
Clay	320	325
Sand	325	380

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.

Area Map attached

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LY CL...

Landowner Name: Ashley Devolet

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.

Southern Mc Water Well Drilling 3-13-2017
Print Name of Responsible Licensee and License No. Date

Ronald Martin
Signature of Licensee

D-3831

N

x well

E

W

Google

S

Ashley Dayvott Farms

UNIVERSITY OF CALIFORNIA

DEPARTMENT OF GEOGRAPHY

LAND USE AND PLANNING