

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 #: D92
Aquifer: _____
E-Log #: _____

County: Marion
Permit #: _____
Driller: James M. Wells
Date drilling completed: 10-28-15

RECEIVED
DEC 03 2015
BY: OLWR

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 <small>(Landowner if borehole is not for a water well)</small>	Well or Borehole Location
Owner Name: <u>Rick Coulter</u>	Latitude: <u>31°22.681</u> Longitude: <u>89°41.723</u>
Mailing Address: _____	Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
<u>508 Crawley Rd.</u>	SW $\frac{1}{4}$ SE $\frac{1}{4}$, Sec <u>27²²</u> T <u>5N</u> R <u>17W</u>
<u>Columbia</u> MS <u>39429</u>	<u>10</u> Miles <u>NE</u> of <u>Columbia</u>
City State Zip Code	(Distance) (Direction) (Nearest Town)
Telephone No. <u>(601) 441-2530</u>	

Well / Borehole Data
Date drilling started: <u>10-28-15</u> Date drilling completed: <u>10-28-15</u> Hole depth: <u>140</u> Hole diameter: <u>7 1/2"</u>
Location of the source of any surface water used for drilling: <u>Community</u>
Method of dosing and volume of Chlorine used in drilling and development: <u>granule chlorine</u>
Logs run (circle all applicable): <input checked="" type="checkbox"/> No log run <input type="checkbox"/> Electric <input type="checkbox"/> Gamma Ray <input type="checkbox"/> Density <input type="checkbox"/> Sonic <input type="checkbox"/> Neutron <input type="checkbox"/> Other: _____
Name of organization running log(s): _____
Purpose of borehole (circle one): <input checked="" type="checkbox"/> Water Well <input type="checkbox"/> Geotechnical/Geological Investigation <input type="checkbox"/> Ground Source Heat Pump <input type="checkbox"/> Seismic Survey <input type="checkbox"/> Other (describe) _____
<i>If drilling is not related to water well construction, skip the remainder of this block</i>
Purpose of Well (circle all applicable): <input checked="" type="checkbox"/> Home <input type="checkbox"/> Industrial <input type="checkbox"/> Public Supply <input type="checkbox"/> Irrigation <input type="checkbox"/> Fish Culture
Other (describe): _____
If a flowing well, method of flow regulation: Valve _____ Other (describe) _____
Static Water Level: <u>90</u> feet [above or <input checked="" type="checkbox"/> below] land surface Date measured: <u>10-28-15</u> <small>(circle one)</small>
Method of measurement (circle one): <input checked="" type="checkbox"/> Steel tape <input type="checkbox"/> Electric tape <input type="checkbox"/> Air line <input type="checkbox"/> Other (describe): _____
Well depth: <u>140</u> Well grouted to a depth of: <u>10</u> feet Type of grout (circle one): <input checked="" type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Mix
Casing length: <u>110</u> feet Casing diameter: <u>4</u> inches Type of casing: <u>PVC</u>
Screen length: <u>30</u> feet Screen diameter: <u>4</u> inches Type of screen: <u>PVC</u>
Screen slot size: <u>.008</u> inches Setting depth: From <u>110</u> feet to <u>140</u> feet
Type of completion (circle all applicable): <input checked="" type="checkbox"/> Gravel packed <input type="checkbox"/> Underreamed <input type="checkbox"/> Open hole <input type="checkbox"/> Natural Development
Other (describe): _____
Top of lap pipe or reduction in casing: _____ feet
<i>If telescoped or more than one screen, describe on next page</i>

The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that every entry should be supported by a valid receipt or invoice. This ensures transparency and allows for easy verification of the data.

In the second section, the author outlines the various methods used to collect and analyze the data. This includes both primary and secondary data collection techniques. The analysis focuses on identifying trends and patterns over time.

The third part of the report details the results of the data analysis. It shows a clear upward trend in the number of transactions over the period studied. This is attributed to several factors, including increased market activity and improved infrastructure.

The fourth section discusses the implications of these findings. It suggests that the observed trends indicate a growing economy and a high level of consumer confidence. This is a positive sign for the future of the industry.

Finally, the document concludes with a series of recommendations for future research and action. It suggests that further studies should be conducted to explore the underlying causes of the trends and to develop strategies to sustain and enhance the current growth.

The author expresses their appreciation for the support and assistance provided by the various stakeholders involved in the project. They also mention that the data presented here is preliminary and subject to change as more information becomes available.

In closing, the author reiterates their commitment to providing accurate and reliable information to all interested parties. They hope that this report will be a valuable resource for anyone looking to understand the current state of the market.

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 #: D92
Aquifer: _____

County: Marion
Permit #: _____
Driller: James M. Wells
Date completed: 10-28-15
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 Owner Information	Well Location
Owner Name: <u>Rick Coulter</u>	Latitude: <u>31-22-41</u> Longitude: <u>89-AF43</u>
Mailing Address: _____ <u>508 Crawley Rd.</u>	Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
<u>Columbia</u> MS <u>39429</u> City State Zip Code	<u>SW</u> ¼ <u>SE</u> ¼, Sec. <u>27</u> T <u>5N</u> R <u>17W</u>
Telephone No. <u>(601) 441-2530</u>	<u>10</u> Miles <u>NE</u> of <u>Columbia</u> (Distance) (Direction) (Nearest Town)

Pump Type (circle one)

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

Date Pump Installed: 10-28-15 Rated Pump Capacity: 25 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: 2 Setting Depth: 120 feet Number of Stages: 13

Pump Test Data for Non Flowing Well

Date Well Tested: 10-28-15 Duration of Pump Test (minimum 4 hours): 4 hours

Static Water Level (A): 90 Feet Below Land Surface Pumping Water Level (B): 120 Feet Below Land Surface

Drawdown [(B) - (A)]: 98 Feet Below Land Surface Test Pumping Rate: 35 Gallons Per Minute

Method of measurement (circle 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 (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.

James M. Wells 00005889 11-29-15 James M. Wells
Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer