

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)961-5555
(601)961-5228 (fax)

For Office Use Only:

Well #: H221
Aquifer: _____
E-Log #: _____

County: Bolivar
Permit #: GW-50094
Driller: Tommy Peacock
Date drilling completed: 9/10/17

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>William Dirk Sikes</u>	Latitude: <u>33°48'24"</u> Longitude: <u>90°40'50"</u>
Mailing Address: <u>1320 Memorial Drive</u>	Method of Lat/Long (check one): Conventional Survey _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
<u>Cleveland</u> MS <u>38732</u>	USGS quad _____, <u>NE 1/4 NE 1/4, Sec 36 T 23N R 05W</u>
City State Zip Code	<u>5</u> Miles <u>NE</u> of <u>Cleveland</u>
Telephone No. () _____	(Distance) (Direction) (Nearest Town)

Well / Borehole Data
Date drilling started: <u>9/10/17</u> Date drilling completed: <u>9/10/17</u> Hole depth: <u>120</u> Hole diameter: <u>24"</u>
Location of the source of any surface water used for drilling: <u>Riser Just</u>
Method of dosing and volume of Chlorine used in drilling and development: <u>Chlorinated in tanker</u>
Logs run (check all applicable): <input type="checkbox"/> log run <input type="checkbox"/> Electric <input type="checkbox"/> Gamma Ray <input type="checkbox"/> Density <input type="checkbox"/> Sonic <input type="checkbox"/> Neutron Other: _____
Name of organization running log(s): _____
Purpose of borehole (check one): Water Well <input type="checkbox"/> <input checked="" type="checkbox"/> Geotechnical/Geological Investigation <input type="checkbox"/> Ground Source Heat Pump <input type="checkbox"/> Seismic Survey Other (describe) _____
<i>If drilling is not related to water well construction, skip the remainder of this block</i>
Purpose of Well (check all applicable): <input type="checkbox"/> Home <input type="checkbox"/> Industrial <input type="checkbox"/> Public Supply <input checked="" type="checkbox"/> Irrigation <input type="checkbox"/> Fish Culture
Other (describe): _____
If a flowing well, method of flow regulation: Valve _____ Other (describe) _____
Static Water Level: _____ feet <input type="checkbox"/> above or <input type="checkbox"/> below land surface Date measured: _____ (check one)
Method of measurement (check 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>120</u> Well grouted to a depth of: <u>10</u> feet Type of grout (check one) <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Mix
Casing length: <u>80</u> feet Casing diameter: <u>12</u> inches Type of casing: <u>PVC</u>
Screen length: <u>40</u> feet Screen diameter: <u>12</u> inches Type of screen: <u>PVC</u>
Screen slot size: <u>.050</u> inches Setting depth: From <u>80</u> feet to <u>120</u> feet
Type of completion (check all applicable) <input 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>

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The first part of the document discusses the importance of maintaining accurate records. It emphasizes that proper record-keeping is essential for the efficient operation of any organization. This section also touches upon the legal implications of record management, particularly in the context of audits and compliance.

The second section focuses on the practical aspects of record management. It provides a detailed overview of the various methods and tools used to collect, store, and retrieve information. This includes a discussion on the benefits of digital record-keeping systems and the challenges associated with their implementation.

The third part of the document addresses the issue of record retention. It outlines the factors that determine how long records should be kept, such as legal requirements and the nature of the information. This section also discusses the process of archiving records to ensure their long-term availability and integrity.

The fourth section discusses the role of records in decision-making and organizational learning. It highlights how access to historical data can provide valuable insights into past performance and help identify trends and patterns. This section also touches upon the importance of records in the context of risk management and crisis response.

The fifth part of the document covers the topic of record security. It discusses the various threats to record integrity and confidentiality, such as data breaches and cyberattacks. This section also provides an overview of the measures that can be taken to protect records, including the use of encryption and access controls.

The sixth section discusses the future of record management. It explores emerging technologies and trends that are likely to shape the way records are managed in the coming years. This includes a discussion on the use of artificial intelligence and cloud-based storage solutions.

In conclusion, the document emphasizes that effective record management is a critical component of organizational success. It provides a comprehensive overview of the key principles and practices that underpin successful record-keeping strategies.

County: Bolivar
 Permit #: GW-50094

For Office Use Only:
 Well #: H221

The sketch below only required for water wells

If well telescopes, show depths on sketch.

Ground Level \rightarrow

Top soil & clay	15'
Medium sand	40'
Coarse sand	10'
Coarse & gravel	55'

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)
Top soil & clay	Ground level	15
Medium sand	15	55
Coarse sand	55	65
Coarse & gravel	65	120

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) north arrow

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Landowner Name: _____

I HEREBY 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.

Tommy Peacock Lic #3409 9/13/17 Tommy Peacock
 Print Name of Responsible Licensee and License No. Date Signature of Licensee

1944

1. The first part of the report deals with the general situation in the country at the beginning of the year. It mentions the political and economic conditions and the state of the population.

2. The second part of the report describes the work of the various departments and agencies during the year. It gives a detailed account of the activities and achievements of each organization.

3. The third part of the report discusses the results of the various projects and programs that were carried out during the year. It includes a list of the names of the projects and a brief description of their objectives and outcomes.

4. The fourth part of the report contains a summary of the main findings and conclusions of the study. It also includes some recommendations for future work.

5. The fifth part of the report is a list of the names of the various individuals and organizations that were involved in the study. It includes the names of the authors, the names of the organizations that provided financial support, and the names of the individuals who provided information and assistance during the course of the study.

6. The sixth part of the report is a list of the various sources of information that were used in the study. It includes the names of the books, articles, and other documents that were consulted, as well as the names of the individuals and organizations that provided information.

7. The seventh part of the report is a list of the various abbreviations and symbols that were used in the study. It includes the names of the organizations and agencies, as well as the names of the various projects and programs.

8. The eighth part of the report is a list of the various tables and figures that were included in the study. It includes the names of the tables and figures, as well as a brief description of their contents.

9. The ninth part of the report is a list of the various references that were cited in the study. It includes the names of the authors, the titles of the books and articles, and the names of the publishers.

10. The tenth part of the report is a list of the various appendices that were included in the study. It includes the names of the appendices, as well as a brief description of their contents.

Legend

GW-50094



1000ft

Wiggins Rd.

GW-50094 Field Rd

GW-50094

Google Earth

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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 39225-2309
 (601)961-5210
 (601) 360-0535 (fax)

For Office Use Only:

Well #: H221
 Aquifer: _____

County: Bolivar
 Permit #: GW-50094
 Driller: Tommy Peacock
 Date completed: 9/10/17
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>William Dick Sikes</u>	Latitude: <u>33°48'24"</u> Longitude: <u>90°40'50"</u>
Mailing Address: <u>1320 Memorial Drive</u>	Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
<u>Cleveland</u> <u>MS</u> <u>38732</u>	<u>NE 1/4 NE 1/4, Sec. 36³⁵T 23N⁰⁶R 05W</u>
City State Zip Code	<u>5</u> Miles <u>NE</u> of <u>Cleveland</u>
Telephone No. (____) _____	(Distance) (Direction) (Nearest Town)

Pump Type (check one)

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

Date Pump Installed: 9/11/17 Rated Pump Capacity: _____ Gallons Per Minute

Is This Pump (check one): New Repaired Replacement

Power Type (check one)

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

Horse Power Rating of Motor: 30 Setting Depth: 80 feet Number of Stages: _____

Pump Test Data for Non Flowing Well

Date Well Tested: _____ Duration of Pump Test (minimum 4 hours): _____ hours

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

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

Method of measurement (check 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 (check 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.

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

Tommy Peacock Lic#-3409 9/13/17 Tommy Peacock
 Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer

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 primary data was gathered through direct observation and interviews with key personnel. Secondary data was obtained from internal company reports and industry publications.

The analysis of the data revealed several key trends and patterns. One significant finding was the correlation between certain variables, which suggests a causal relationship. This insight is crucial for understanding the underlying factors that influence the outcomes.

The final part of the document provides a comprehensive summary of the findings and offers practical recommendations for future actions. It highlights the areas where improvements can be made and suggests specific strategies to address the identified issues. The author concludes by expressing confidence in the reliability of the data and the validity of the conclusions.