

# State Well Report

## Part 1

Mississippi Department of Environmental Quality  
 Office of Land and Water Resources  
 P.O. Box 10631  
 Jackson, MS 39289-0631  
 (601)961-5210  
 (601)354-6938 (fax)

### For Office Use Only:

Aquifer: \_\_\_\_\_  
 Well #: G-47  
 L. S. Elevation: \_\_\_\_\_  
 E-log #: \_\_\_\_\_

County: Adams  
 Permit #: \_\_\_\_\_  
 Driller: Gary Rayborn  
 Date drilling completed: 4-19-05

State Law requires that this report be prepared by the driller in detail and filed with the Department within 30 days of completion of drilling of the well.

Well Owner Information	Well Location
Owner Name: <u>John Tillman</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>105-B N. Pearl St</u>	Method of Lat/Long (circle one): <input type="checkbox"/> Conventional Survey,
<u>Natchez MS 39120</u>	<input type="checkbox"/> USGS quad; <input type="checkbox"/> Hand-held GPS; <input type="checkbox"/> Survey-grade GPS
City State Zip Code	<u>1/4 1/4 Sec 47 Twn 6N Rng 2W</u>
Telephone No. <u>(601) 392-1506</u>	Distance Direction Nearest Town
	<u>9 Miles SE of Natchez</u>

### Well Data

Purpose of Well (circle one)  Home Industrial Public Supply Irrigation Fish Culture Other: \_\_\_\_\_

Date well drilling started: 4-18-05 Date well drilling completed: 4-19-05

If flowing, method of flow regulation: Valve \_\_\_\_\_ Other (describe) \_\_\_\_\_

Static Water Level: 90' feet above or  below (circle one) land surface Date measured: 4-19-05

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

Hole depth: 200' Well depth: 200' Well grouted to a depth of 10' feet

Type of grout (circle one):  Cement Bentonite Mix

Casing length: 180 feet Casing diameter: 4" inches Type of casing: PVC

Screen length: 20' feet Screen diameter: .44" inches Type of screen: PVC

Screen slot size: .010 inches Setting depth: From 180 feet to 200 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 back of page

Logs run (circle all applicable):  No log run  Electric  Gamma Ray  Density  Sonic  Neutron Other: \_\_\_\_\_

Name of organization running log(s): \_\_\_\_\_

I certify that the well was drilled, constructed, and completed in accordance with all applicable requirements of the Mississippi Department of Environmental Quality and/or the Mississippi Department of Health regulations and state laws.

Rayborn Drilling Inc O-60  
 Print Name of Water Well Contractor and License No.

[Signature]  
 Signature of Water Well Contractor

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1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is crucial for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. It highlights the need for consistent and reliable data collection processes to support informed decision-making.

3. The third part of the document focuses on the role of technology in data management and analysis. It discusses how modern software solutions can streamline data collection, storage, and reporting, thereby improving efficiency and accuracy.

4. The fourth part of the document addresses the challenges associated with data management, such as data quality, security, and privacy. It provides strategies to mitigate these risks and ensure that data is used responsibly and ethically.

5. The fifth part of the document concludes by summarizing the key findings and recommendations. It stresses the importance of ongoing monitoring and evaluation to ensure that data management practices remain effective and aligned with the organization's goals.

6. The sixth part of the document provides a detailed overview of the data collection process, including the identification of data sources, the design of data collection instruments, and the implementation of data collection procedures.

7. The seventh part of the document discusses the various methods used for data analysis, such as descriptive statistics, inferential statistics, and qualitative analysis. It explains how these methods are used to interpret the data and draw meaningful conclusions.

8. The eighth part of the document focuses on the importance of data visualization in presenting the results of data analysis. It discusses various visualization techniques, such as bar charts, line graphs, and pie charts, and their effectiveness in communicating complex data.

9. The ninth part of the document addresses the ethical considerations surrounding data management and analysis. It discusses the need for informed consent, data protection, and the responsible use of data to avoid bias and discrimination.

10. The tenth part of the document provides a summary of the key points discussed in the document. It reiterates the importance of data management and analysis in supporting organizational success and the need for continuous improvement in these practices.

11. The eleventh part of the document discusses the future of data management and analysis, highlighting emerging trends and technologies that will shape the field in the coming years.

12. The twelfth part of the document provides a final conclusion and a call to action, encouraging organizations to embrace data-driven decision-making and to invest in the necessary resources and skills to succeed in the digital age.

13. The thirteenth part of the document discusses the importance of data literacy and the need for organizations to invest in training and development to ensure that their employees are equipped with the skills needed to work effectively with data.

14. The fourteenth part of the document provides a detailed overview of the data management process, including the selection of data management systems, the implementation of data management policies, and the ongoing monitoring and evaluation of data management practices.

15. The fifteenth part of the document discusses the various challenges associated with data management, such as data integration, data governance, and data security. It provides strategies to address these challenges and ensure that data is managed effectively and securely.

16. The sixteenth part of the document concludes by summarizing the key findings and recommendations. It stresses the importance of data management and analysis in supporting organizational success and the need for continuous improvement in these practices.

17. The seventeenth part of the document provides a detailed overview of the data analysis process, including the selection of data analysis tools, the implementation of data analysis procedures, and the ongoing monitoring and evaluation of data analysis practices.

18. The eighteenth part of the document discusses the various challenges associated with data analysis, such as data quality, data bias, and data interpretation. It provides strategies to address these challenges and ensure that data analysis is conducted accurately and ethically.

19. The nineteenth part of the document concludes by summarizing the key findings and recommendations. It stresses the importance of data management and analysis in supporting organizational success and the need for continuous improvement in these practices.

20. The twentieth part of the document provides a final conclusion and a call to action, encouraging organizations to embrace data-driven decision-making and to invest in the necessary resources and skills to succeed in the digital age.

# STATE WELL REPORT

## Part 2

**Pump Installer's Completion Report**  
 Mississippi Department of Environmental Quality  
 Office of Land and Water Resources  
 P.O. Box 10631  
 Jackson, MS 39289-0631  
 (601)961-5210  
 (601)354-6938 (fax)

County: Adams  
 Permit #: \_\_\_\_\_  
 Driller: Gary Rayborn  
 Date completed: 4-19-05

For Office Use Only:

Aquifer: \_\_\_\_\_  
 Well #: G-47  
 Elevation: \_\_\_\_\_

**This report should be prepared by the pump installer in detail and filed with the Department within 30 days of the installation of pump.**

Well Owner Information	Well Location
Owner Name: <u>John Tillman</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>105 B N. Pearl St</u>	Method of Lat/Long (circle one): Conventional Survey,
<u>Natchez ms 39120</u>	USGS quad, Hand-held GPS, Survey-grade GPS
City State Zip Code	_____ 1/4 _____ 1/4 Sec <u>47</u> Twn <u>6N</u> Rng <u>2W</u>
Telephone No. <u>(601)-392-1506</u>	Distance Direction Nearest Town
	<u>9</u> Miles <u>SE</u> of <u>Natchez</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input checked="" type="radio"/> <u>Submersible</u>	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston Turbine	<input checked="" type="radio"/> <u>Electric Motor</u> Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>1 hp</u>
Date Pump Installed: <u>4-19-05</u>	Setting Depth: <u>140</u> feet
Rated Pump Capacity: <u>10</u> Gallons Per Minute	Number of Stages: <u>14</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: _____	<input checked="" type="radio"/> <u>Air Line</u> Electric Measuring Line Steel Tape
Static Water Level (A): <u>90</u> 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 <u>10</u> GPM with a drawdown of
Test Pumping Rate: _____ Gallons Per Minute	_____ feet after _____ hours of pumping
Duration of Pump Test (minimum 4 hours): _____ hours	

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

Rayborn Drilling Inc 0-60 \_\_\_\_\_  
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

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If well telescopes please sketch below and show depths.

G-47

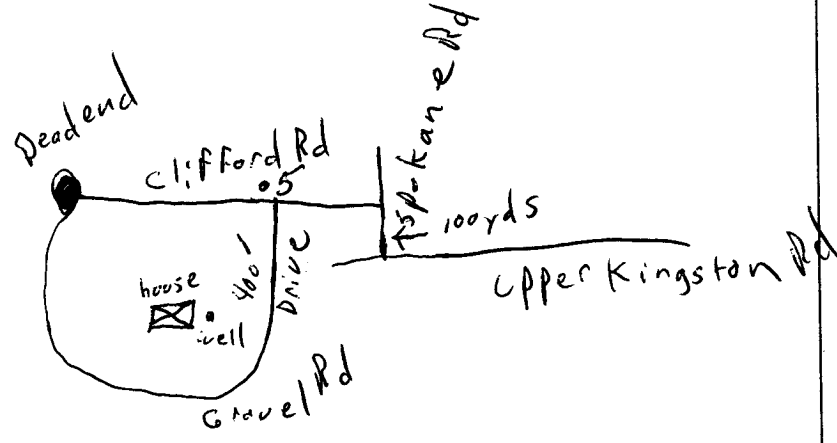
Ground Level

Blank area for sketching well telescopes and depths.

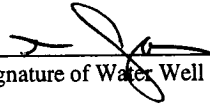
Description of Formations Encountered	From	To
Chalk	0	45
Sand	45	85
Chalk	85	135
Sand	135	200

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) indicate direction.



Landowner Name: John Tillman

  
 \_\_\_\_\_  
 Signature of Water Well Contractor

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 MAY 10 2005  
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