

# 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)

County: Stone  
Permit #: \_\_\_\_\_  
Driller: Michael S. Harvard  
Date drilling completed: 10-29-05

For Office Use Only:  
Aquifer: \_\_\_\_\_  
Well #: G-105  
L. S. Elevation: \_\_\_\_\_  
E-log #: \_\_\_\_\_

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>Terry Bird</u>	Latitude: <u>30° 48' 29.9"</u> Longitude: <u>87° 02' 6.98"</u>
Mailing Address: <u>1123 King Bee Road</u>	Method of Lat/Long (circle one): <u>48</u> Conventional Survey, <u>42</u>
<u>Perkingston</u> MS <u>39573</u>	USGS quad, <u>Hand-held GPS</u> Survey-grade GPS <input checked="" type="checkbox"/>
City State Zip Code	<u>NW 1/4 SE 1/4</u> Sec <u>1</u> <input checked="" type="checkbox"/> <u>Twn 835</u> <input checked="" type="checkbox"/> <u>Rng R11W</u>
Telephone No. <u>(601) 528-3437</u>	Distance Direction Nearest Town <u>1</u> Miles <u>East</u> of <u>Big Level</u>

**Well Data**

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

Date well drilling started: 10-29-05 Date well drilling completed: 10-29-05

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

Static Water Level: 28 feet above or below (circle one) land surface Date measured: 10-29-05

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

Hole depth: 101 Well depth: 101 Well grouted to a depth of 18 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 91 feet Casing diameter: 4 inches Type of casing: PVC 540

Screen length: 10 feet Screen diameter: 4 inches Type of screen: .010 WOP PVC

Screen slot size: .010 inches Setting depth: From 91 feet to 101 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.

Michael S. Harvard 0-673  
Print Name of Water Well Contractor and License No.

[Signature]  
Signature of Water Well Contractor

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BY OLWR

G 105

If well telescopes please sketch below and show depths.

Ground Level

Description of Formations Encountered	From	To
Top sand	0	8
Silt	8	18
Clay	18	23
Silt	23	32
Sand (med)	32	64
Silt	64	72
Sand (med)	72	101

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: Terry Bird

*[Handwritten Signature]*  
 Signature of Water Well Contractor

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 BY: [unclear]

# 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: Stone  
 Permit #: \_\_\_\_\_  
 Driller: Michael S. Howard  
 Date completed: 10-29-05

**For Office Use Only:**

Aquifer: \_\_\_\_\_  
 Well #: G-105  
 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>Terry Bird</u>	Latitude: <u>N30°48.794</u> Longitude: <u>W89°02.698</u>
Mailing Address: <u>1123 King Bee Rd</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, <u>Hand-held GPS</u> Survey-grade GPS
<u>Perkingston MS 39523</u> City State Zip Code	____ 1/4 ____ 1/4 Sec <u>1</u> Twn <u>T3S</u> Rng <u>R11W</u>
Telephone No. ( <u>601</u> ) <u>528-3439</u>	Distance Direction Nearest Town <u>1</u> Miles <u>East</u> of <u>Big level</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <u>Submersible</u>	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston Turbine	<u>Electric Motor</u> Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>1</u>
Date Pump Installed: <u>10-29-05</u>	Setting Depth: <u>83</u> feet
Rated Pump Capacity: <u>19</u> Gallons Per Minute	Number of Stages: <u>9</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>10-29-05</u>	<u>Air Line</u> Electric Measuring Line Steel Tape
Static Water Level (A): <u>28</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>35</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>7</u> Feet Below Land Surface	Well yielded <u>30</u> GPM with a drawdown of
Test Pumping Rate: <u>30</u> Gallons Per Minute	<u>7</u> feet after <u>4.5</u> hours of pumping
Duration of Pump Test (minimum 4 hours): <u>4.5</u> hours	

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

Michael S. Howard \_\_\_\_\_  
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

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 OCT 31 2005  
 PERMITS DIVISION