

# 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 #: K-48  
L. S. Elevation: \_\_\_\_\_  
E-log #: \_\_\_\_\_

County: Simpson  
Permit #: \_\_\_\_\_  
Driller: JAMES WELLS  
Date drilling completed: 9-11-06

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>Raymond Bass</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>270 RJC DR</u> <u>Mendenhall, MS 39114</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
City: _____ State: _____ Zip Code: _____	_____ 1/4 _____ 1/4 Sec. <u>2</u> Twp. <u>5E</u> Rng. <u>11E</u>
Telephone No. <u>(601) 847-1875</u>	Distance <u>6</u> Miles Direction <u>EAST</u> of Nearest Town <u>Mendenhall</u>

**Well Data**

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

Date well drilling started: 9-11-06 Date well drilling completed: 9-11-06

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

Static Water Level: 70 feet above or  below (circle one) land surface Date measured: 9-11-06

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

Hole depth: 160 Well depth: 160 Well grouted to a depth of 10 feet

Type of grout (circle one):  Cement  Bentonite  Mix

Casing length: 140 feet Casing diameter: 4 inches Type of casing: PVC

Screen length: 20 feet Screen diameter: 4 inches Type of screen: PVC

Screen slot size: 008 inches Setting depth: From 140 feet to 160 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.

JAMES WELLS 0-586  
Print Name of Water Well Contractor and License No.

James Wells  
Signature of Water Well Contractor

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If well telescopes please sketch below and show depths.

K-48

Ground Level

A large empty rectangular box for sketching well telescopes and depths. A horizontal line at the top is labeled "Ground Level".

Description of Formations Encountered	From	To
Clay	0	20
Sand	20	40
Clay	40	100
Sand	100	160

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.

A large empty rectangular box for sketching the property layout. At the bottom left, there is a line for the landowner's name.

Landowner Name: Raymond Bass

James Wells  
Signature of Water Well Contractor

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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 10631  
 Jackson, MS 39289-0631  
 (601)961-5210  
 (601)354-6938 (fax)

For Office Use Only:

Aquifer: \_\_\_\_\_

Well #: K-48

Elevation: \_\_\_\_\_

County: Simpson

Permit #: \_\_\_\_\_

Driller: JAMES WELLS

Date completed: 9-11-06

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>Raymond Bass</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>270 RJC DR</u> <u>Mendenhall, MS 39114</u>	Method of Lat/Long (circle one): <input type="radio"/> Conventional Survey, <input type="radio"/> USGS quad, <input type="radio"/> Hand-held GPS, <input type="radio"/> Survey-grade GPS
City _____ State _____ Zip Code _____	<u>1/4</u> _____ <u>1/4</u> Sec <u>2</u> Twn <u>SE</u> Rng <u>14</u> <u>1N</u> <u>5E</u>
Telephone No. <u>(601) 847-1875</u>	Distance _____ Direction _____ Nearest Town _____ <u>6</u> Miles <u>EAST</u> of <u>Mendenhall</u>

Pump Type Circle one	Power Type Circle one
Air Lift <input type="checkbox"/> Jet <input type="checkbox"/> <u>Submersible</u>	Diesel Engine <input type="checkbox"/> Gasoline Engine <input type="checkbox"/> Natural Gas <input type="checkbox"/>
Bucket <input type="checkbox"/> Piston <input type="checkbox"/> Turbine <input type="checkbox"/>	<u>Electric Motor</u> <input type="checkbox"/> Hand <input type="checkbox"/> Tractor PTO <input type="checkbox"/>
Centrifugal <input type="checkbox"/> Rotary <input type="checkbox"/> Flowing Well <input type="checkbox"/>	Windmill <input type="checkbox"/> Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>5</u>
Date Pump Installed: <u>9-11-06</u>	Setting Depth: <u>13</u> / <u>140</u> feet
Rated Pump Capacity: <u>60</u> Gallons Per Minute	Number of Stages: <u>13</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>9-11-06</u>	Air Line <input type="checkbox"/> Electric Measuring Line <input type="checkbox"/> <u>Steel Tape</u>
Static Water Level (A): <u>75</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>120</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B)-(A)]: <u>75</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>75</u> feet after <u>4</u> hours of pumping
Duration of Pump Test (minimum 4 hours): <u>4</u> hours	

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

JAMES WELLS 0-586  
 Print Name of Pump Installer and License No. (if applicable)

James Wells  
 Signature of Pump Installer

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 OCT 06 2006  
 BY: OLWR