

# State Well Report

## Part I

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-45  
L. S. Elevation: \_\_\_\_\_  
E-log #: \_\_\_\_\_

County: Jefferson Davis  
Permit #: \_\_\_\_\_  
Driller: JAMES WELLS  
Date drilling completed: 7-9-07

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>James Rutland</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>872 Sumrall Rd.</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
<u>Bassfield</u> <u>MS</u> <u>39421</u> City State Zip Code	_____ 1/4 _____ 1/4 Sec. <u>29</u> Twn <u>7N</u> Rng <u>16W</u>
Telephone No. <u>(601) 943-5719</u>	Distance <u>15</u> Miles Direction <u>NE</u> of Nearest Town <u>Bassfield</u>
Well Data	
Purpose of Well (circle one) <u>Home</u> Industrial Public Supply Irrigation Fish Culture Other: _____	
Date well drilling started: <u>7-9-07</u> Date well drilling completed: <u>7-9-07</u>	
If flowing, method of flow regulation: Valve _____ Other (describe) _____	
Static Water Level: <u>160</u> feet above or <u>low</u> (circle one) land surface Date measured: <u>7-9-07</u>	
Method of Measurement (circle one) <u>steel tape</u> electric tape air line other: _____	
Hole depth: <u>160</u> Well depth: <u>160</u> Well grouted to a depth of <u>10</u>	<b>RECEIVED</b>
Type of grout (circle one): <u>Cement</u> Bentonite Mix	<b>AUG 09 2007</b>
Casing length: <u>140</u> feet Casing diameter: <u>4</u> inches Type of casing: <u>PVC BY OLWR</u>	
Screen length: <u>20</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>140</u> feet to <u>160</u> feet	
Type of completion (circle all applicable): <u>Gravel packed</u> 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): <u>No log run</u> 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.	
<u>JAMES WELLS</u> <u>0-586</u>	<u>James Wells</u>
Print Name of Water Well Contractor and License No.	Signature of Water Well Contractor

If well telescopes please sketch below and show depths.

G-45

Ground Level

Description of Formations Encountered

From To

Description of Formations Encountered	From	To
topsoil	0	2
clay	2	20
sand	20	30
clay	30	55
sand	55	60
clay	60	105
sand	105	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.

RECEIVED  
AUG 09 2007  
BY: OLWR

Landowner Name: James Rutland

James Wells  
Signature of Water Well Contractor

# 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 #: G-45

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

County: Jefferson Davis  
 Permit #: \_\_\_\_\_  
 Driller: JAMES WELLS  
 Date completed: 7-9-07

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>James Rutland</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>872 Sumrall Rd.</u>	Method of Lat/Long (circle one): Conventional Survey,
<u>Bassfield MS 39421</u>	USGS quad, Hand-held GPS, Survey-grade GPS
City State Zip Code	_____ 1/4 _____ 1/4 Sec <u>29</u> Twn <u>7N</u> Rng <u>16W</u>
Telephone No. <u>(601) 943-5719</u>	Distance Direction Nearest Town
	<u>15</u> Miles <u>NE</u> of <u>Bassfield</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input type="radio"/> <u>Submersible</u> <input type="radio"/>	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston <input type="radio"/> Turbine <input type="radio"/>	<u>Electric Motor</u> <input type="radio"/> Hand <input type="radio"/> Tractor PTO
Centrifugal Rotary <input type="radio"/> Flowing Well <input type="radio"/>	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>2</u> <span style="float: right;">RECEIVED</span>
Date Pump Installed: <u>7-9-07</u>	Setting Depth: <u>70</u> feet <span style="float: right;">AUG 08 2007</span>
Rated Pump Capacity: <u>27</u> Gallons Per Minute	Number of Stages: <u>12</u> <span style="float: right;">BY OLW</span>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>7-9-07</u>	Air Line Electric Measuring Line <u>Steel Tape</u> <input type="radio"/>
Static Water Level (A): <u>60</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>80</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown (B)-(A): <u>67</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</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