

County: Marion  
 Permit #: 0-586  
 Driller: JAMES WELLS  
 Date drilling completed: 8-15-12

**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  
 (601)961- 5210  
 (601)961- 5228 (fax)

For Office Use Only:  
 Aquifer: \_\_\_\_\_  
 Well #: 6114  
 L. S. Elevation: \_\_\_\_\_  
 E-log #: \_\_\_\_\_

*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.*

<p><b>Information on Well Owner</b>          (Landowner if borehole is not for a water well)</p> <p>Owner Name: <u>Lonnie Ward</u>          Mailing Address: <u>1380 Old Hwy 35N</u>  <u>Columbia MS 39409</u>          City State Zip Code          Telephone No. ( ) _____</p>	<p><b>Well or Borehole Location</b></p> <p>Latitude: <u>31°16.045'</u> Longitude: <u>089°49.658'</u>  <u>02</u> <u>39</u>          Method of Lat/Long (circle one): Conventional Survey,          USGS quad, Hand-held GPS, Survey-grade GPS  <u>SE</u> ¼ <u>NE</u> ¼ Sec <u>32</u> ✓ Twn <u>4N</u> ✓ Rng <u>18W</u>          Distance Direction Nearest Town  <u>0</u> Miles <u>N</u> of <u>Columbia</u></p>
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**Well / Borehole Data**

Date drilling started: 8-15-12 Date drilling completed: 8-15-12 Hole depth: 120 Hole diameter: 7 1/2"

Location of the source of any surface water used for drilling: Community  
 Method of dosing and volume of Chlorine used in drilling and development: shack

Logs run (circle all applicable): No log run Electric Gamma Ray Density Sonic Neutron Other: \_\_\_\_\_  
 Name of organization running log(s): \_\_\_\_\_

Purpose of borehole (check one): Water Well  Geotechnical/Geological Investigation \_\_\_\_\_ Ground Source Heat Pump \_\_\_\_\_  
 Seismic Survey \_\_\_\_\_ Other (describe) \_\_\_\_\_  
*If drilling is not related to water well construction, skip the remainder of this block*

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

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

Static Water Level: 80 feet above or below (circle one) land surface Date measured: 8-15-12

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

Well depth: 120 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 100 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 100 feet to 120 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 next page*

Form: OLWR-SWR-1A (04/08)

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 OCT 04 2012  
 BY: OLWR



# 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:

County: Marion  
Permit #: \_\_\_\_\_  
Driller: JAMES WELLS  
Date completed: 8-15-12

Aquifer: \_\_\_\_\_  
Well #: G114  
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>Lonnie Ward</u>	Latitude: <u>31°16.045</u> Longitude: <u>089°49.658</u>
Mailing Address: <u>1380 Old Hwy 35N</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
<u>Columbia MS 39429</u> City State Zip Code	<u>SE 1/4 NE 1/4 Sec 32 Twn 4N Rng 18W</u>
Telephone No. ( ) _____	Distance Direction Nearest Town <u>0</u> Miles <u>N</u> of <u>Columbia</u>

Pump Type Circle one	Power Type Circle one
Air Lift: <input type="radio"/> Jet <input checked="" type="radio"/> <u>Submersible</u>	Diesel Engine <input type="radio"/> Gasoline Engine <input type="radio"/> Natural Gas <input type="radio"/>
Bucket: <input type="radio"/> Piston <input type="radio"/> Turbine	<input checked="" type="radio"/> <u>Electric Motor</u> <input type="radio"/> Hand <input type="radio"/> Tractor PTO
Centrifugal: <input type="radio"/> Rotary <input type="radio"/> Flowing Well	Windmill <input type="radio"/> Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>1 1/2</u>
Date Pump Installed: <u>8-15-12</u>	Setting Depth: <u>100</u> feet
Rated Pump Capacity: <u>19</u> Gallons Per Minute	Number of Stages: <u>11</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>8-15-12</u>	Air Line <input type="radio"/> Electric Measuring Line <input type="radio"/> <input checked="" type="radio"/> <u>Steel Tape</u>
Static Water Level (A): <u>80</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>100</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>86</u> Feet Below Land Surface	Well yielded <u>28</u> GPM with a drawdown of <u>6</u> feet after <u>4</u> hours of pumping
Test Pumping Rate: <u>28</u> Gallons Per Minute	
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

**RECEIVED**  
OCT 04 2012  
**BY: OLWR**