

# 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)

County: Simpson  
Permit #: 0-586  
Driller: JAMES WELLS  
Date drilling completed: 12-15-08

For Office Use Only:  
Aquifer: \_\_\_\_\_  
Well #: K-52  
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.

Information on Well Owner (Landowner if borehole is not for a water well)	Well or Borehole Location
Owner Name: <u>Bill Waller</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>2318 N.S. 41th</u>	Method of Lat/Long (circle one): Conventional Survey,
<u>Mendenhall Ms</u>	USGS quad, Hand-held GPS, Survey-grade GPS
<u>39114</u>	_____ 1/4 _____ 1/4 Sec <u>12</u> Twn <u>4T</u> Rng <u>E5</u>
City State Zip Code	Distance Direction Nearest Town
Telephone No. <u>(601) 941 2382</u>	<u>5</u> Miles <u>North</u> of <u>Magar</u>

**Well / Borehole Data**

Date drilling started: 12-15 Date drilling completed: 12-15 Hole depth: 85 Hole diameter: 7

Location of the source of any surface water used for drilling: Creek

Method of dosing and volume of Chlorine used in drilling and development: 2 lb Shocks

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: 50 feet above or below (circle one) land surface Date measured: 12-15-08

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

Well depth: 85 Well grouted to a depth of 10 feet Type of grout (circle one):  Neat Cement  Bentonite  Mix

Casing length: 65 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 65 feet to 85 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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K-52

The sketch below only required for water wells

If well telescopes, show depths on sketch.

Ground Level  $\swarrow$

Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

Description of Formations Encountered	From (depth) Ground Level	To (depth)
Clay	2	40
Sand	40	85

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) a north arrow.

Landowner Name: Bill Walker

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

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

JAMES WELLS 0-586

James Wells

Print Name of Responsible Licensee and License No.

Date

Signature of Licensee

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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 2309  
 Jackson, MS 39225  
 (601)961-5210  
 (601)961-5228 (fax)

County: Sunderland  
 Permit #: \_\_\_\_\_  
 Driller: JAMES WELLS  
 Date completed: 12-15-08  
*Copy information from block on Part 1*

**For Office Use Only:**

Aquifer: \_\_\_\_\_  
 Well #: K-52  
 Elevation: \_\_\_\_\_

*This part of the report must be completed by a licensed water well contractor or a licensed pump installer. A copy of Part 1 of the report must be attached and both parts filed with the Department at the above address within 30 days of well completion.*

Well Owner Information	Well Location
Owner Name: <u>Bell Walker</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>2318 Hwy-541-N</u> <u>Mendenhall ms</u> <u>39114</u>	Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
City _____ State _____ Zip Code _____	_____ 1/4 _____ 1/4 Sec <u>12 TH</u> <del>Rts</del> <u>SE</u>
Telephone No. <u>(601) 941 2382</u>	Distance _____ Direction _____ Nearest Town _____
	<u>5</u> Miles <u>West</u> of <u>Mendenhall</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>12-15-08</u>	Setting Depth: <u>70</u> <del>70</del> feet
Rated Pump Capacity: <u>15</u> Gallons Per Minute	Number of Stages: <u>14</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>12-15-08</u>	Air Line      Electric Measuring Line <u>Steel Tape</u>
Static Water Level (A): <u>50</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>70</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>50</u> Feet Below Land Surface	Well yielded <u>15</u> GPM with a drawdown of
Test Pumping Rate: <u>15</u> Gallons Per Minute	<u>50</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      James Wells  
 Print Name of Pump Installer and License No. (if applicable)      Signature of Pump Installer

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

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