

County: Marshall  
 Permit #: \_\_\_\_\_  
 Driller: Jones W. Mason  
 Date drilling completed: 10-18-04

### Well Driller Report and Well Log

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 #: H-173  
 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>Ms Butler</u>	Latitude: <u>34° 49' 39" N</u> Longitude: <u>89° 40' 26" W</u>
Mailing Address: _____	Method of Lat/Long (circle one): Conventional Survey,
<u>LOT 55 Beechtree lane.</u>	USGS quad, <u>Hand-held GPS</u> , Survey-grade GPS
<u>Bibbala MS 38611</u>	<u>NE SE 1/4 NE 1/4 Sec 13 Twn 3S Rng 5W</u>
City State Zip Code	Distance Direction Nearest Town
Telephone No. <u>(662) 252-9277</u>	<u>314</u> Miles <u>E</u> of <u>Warsaw</u>

**Well Data**

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

Date well drilling started: 10-18-04 Date well drilling completed: 10-18-04

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

Static Water Level: 80' feet above or below (circle one) land surface Date measured: 10-18-04

Method of Measurement (circle one) steel tape electric tape air line other: string/weight

Hole depth: 185' Well depth: 185 Well grouted to a depth of 10 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 175 feet Casing diameter: 4 inches Type of casing: pvc

Screen length: 10' feet Screen diameter: 4 inches Type of screen: pvc

Screen slot size: .010 inches Setting depth: From 175 feet to 185 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: NA 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.

Jones W. Mason 0-620  
 Print Name of Water Well Contractor and License No.

Jones W. Mason RECEIVED  
 Signature of Water Well Contractor

If well telescopes please sketch below and show depths.

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 BY: OLWR

93

Ground Level H-173

Description of Formations Encountered	From	To
clay dirt	0	30
white sand	30	90
white clay	90	125
white sand	125	130
white clay	130	165
white sand	165	185

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: ms Butler 3

*Goran Mason*  
 \_\_\_\_\_  
 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 #: H-173  
 Elevation: \_\_\_\_\_

County: Marshall  
 Permit #: \_\_\_\_\_  
 Driller: James W. Mason  
 Date completed: 10-18-04

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>Ms Butler</u>	Latitude: <u>34-49-646</u> Longitude: <u>89-40-440</u>
Mailing Address: _____ <u>LOT 55 Beechtree Lane</u> <u>Byhalia Ms 38611</u> City State Zip Code	Method of Lat/Long (circle one): Conventional Survey, USGS quad, <u>Hand-held GPS</u> , Survey-grade GPS <u>SE 1/4 NE 1/4 Sec 13 Twn 3S Rng 5W</u>
Telephone No. <u>(662) 252-9277</u>	Distance Direction Nearest Town <u>314</u> Miles <u>E</u> of <u>Worsow</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input type="radio"/> <u>Submersible</u> <input checked="" type="radio"/>	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston <input type="radio"/> Turbine <input type="radio"/>	<u>Electric Motor</u> <input checked="" type="radio"/> Hand <input type="radio"/> Tractor PTO <input type="radio"/>
Centrifugal Rotary <input type="radio"/> Flowing Well <input type="radio"/>	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>1/2</u>
Date Pump Installed: <u>10-18-04</u>	Setting Depth: <u>100'</u> feet
Rated Pump Capacity: <u>12</u> Gallons Per Minute	Number of Stages: <u>9</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>10-18-04</u>	Air Line Electric Measuring Line Steel Tape
Static Water Level (A): <u>80</u> Feet Below Land Surface	Other (specify): <u>string/weight</u>
Pumping Water Level (B): <u>NA</u> Feet Below Land Surface	For flowing well, measured shut in head: <u>NA</u> feet
Drawdown [(B) - (A)]: <u>NA</u> Feet Below Land Surface	Well yielded <u>12</u> GPM with a drawdown of
Test Pumping Rate: <u>12</u> Gallons Per Minute	<u>NA</u> feet after <u>24</u> hours of pumping
Duration of Pump Test (minimum 4 hours): <u>24</u> hours	

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

James W. Mason  
 Print Name of Pump Installer and License No. (if applicable)

James W. Mason  
 Signature of Pump Installer

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 BY: OLWR