

# 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 #: M-137  
 L. S. Elevation: \_\_\_\_\_  
 E-log #: \_\_\_\_\_

County: Desoto 039  
 Permit #: \_\_\_\_\_  
 Driller: Jones W. Mason  
 Date drilling completed: 8-8-04

Mason Water Wells, LLC

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>Mike Clark</u>	Latitude: <u>34° 47' 08"</u> Longitude: <u>89° 43' 43"</u>
Mailing Address: <u>5173 County line rd.</u>	Method of Lat/Long (circle one): <u>05</u> Conventional Survey, <u>25</u>
<u>Byhalia MS 38611</u>	USGS quad, <u>Hand-held GPS</u> , Survey-grade GPS
City State Zip Code	<u>SE 1/4 NE 1/4 Sec 33 Twn 3S Rng 5W</u>
Telephone No. <u>(662) 838-6787</u>	Distance Direction Nearest Town <u>3</u> Miles <u>W</u> of <u>Watson</u>

**Well Data**

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

Date well drilling started: 8-8-04 Date well drilling completed: 8-8-04

If flowing, method of flow regulation: Valve None Other (describe) \_\_\_\_\_

Static Water Level: 85' feet above below (circle one) land surface Date measured: 8-8-04

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

Hole depth: 140' Well depth: 140' Well grouted to a depth of 10 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 130' 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 130' feet to 140' 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: None 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): \_\_\_\_\_

RECEIVED  
 SEP 10 2004  
 BY: OLWR

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. Signature of Water Well Contractor

If well telescopes please sketch below and show depths.

M-137

Ground Level

M

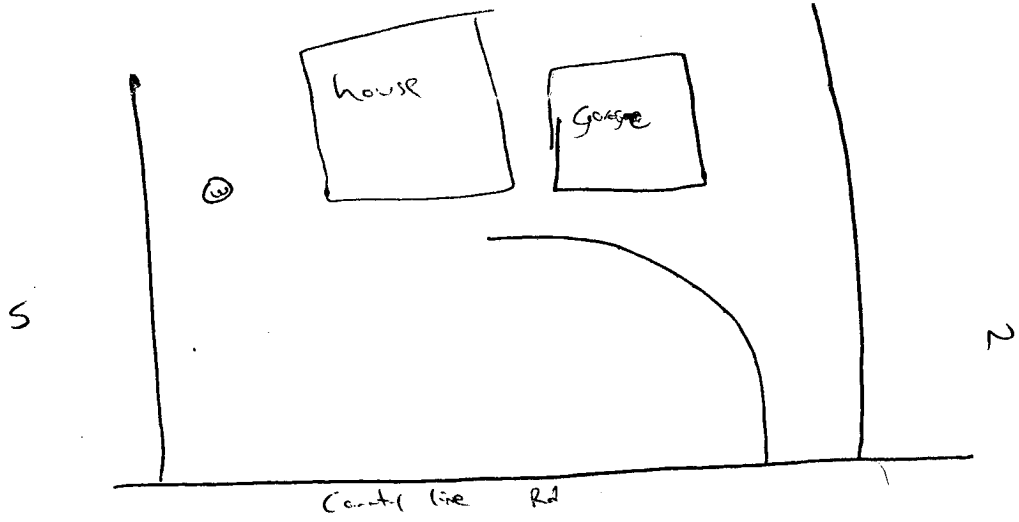


Description of Formations Encountered	From	To
clay dirt.	0	8
gravel	8	15
white clay	15	40
white sand	40	140

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  
SEP 10 2004  
BY: OLWR



Landowner Name: Mike Clark - 5173 County line rd

James W. 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 #: M 137

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

County: Desoto  
 Permit #: \_\_\_\_\_  
 Driller: Jones w. Mason  
 Date completed: 8-8-04

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>Mike Clark</u>	Latitude: <u>34.47089</u> Longitude: <u>089.43423</u>
Mailing Address: <u>5173 Countyline rd.</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, <u>(Hand-held) GPS</u> , Survey-grade GPS
<u>Byhalia</u> MS <u>38611</u>	<u>SE</u> 1/4 <u>NE</u> 1/4 Sec <u>33</u> Twn <u>35</u> Rng <u>5w</u>
City State Zip Code	Distance Direction Nearest Town
Telephone No. <u>(662) 838-6787</u>	<u>3</u> Miles <u>w</u> of <u>Watson</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: _____
Date Pump Installed: <u>8-8-04</u>	Setting Depth: <u>110</u> feet
Rated Pump Capacity: <u>12</u> Gallons Per Minute	Number of Stages: <u>11</u>

RECEIVED  
 SEP 10 2004  
 BY: OLWR

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>8-8-04</u>	Air Line Electric Measuring Line Steel Tape
Static Water Level (A): <u>85</u> Feet Below Land Surface	Other (specify): <u>String and weight</u>
Pumping Water Level (B): <u>NA</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ 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.

Jones w. Mason  
 Print Name of Pump Installer and License No. (if applicable)

Jones w. Mason  
 Signature of Pump Installer