

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: C 44
Well #: _____
L. S. Elevation: _____
E-log #: _____

County: Panola
Permit #: _____
Driller: James W. Mason
Date drilling completed: 1-25-11

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>Jason Stephenson</u>	Latitude: <u>34° 32' 78.5" 46</u> Longitude: <u>89° 57' 01" 020</u>
Mailing Address: <u>498 Jamie Lynn</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
City: <u>Como</u> MS State Zip Code: <u>38619</u>	SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec <u>21</u> Twn <u>6S</u> Rng <u>7W</u>
Telephone No. <u>(901) 216-4453</u>	Distance: <u>13.4</u> Miles Direction: <u>N</u> of Nearest Town: <u>Como</u>

Well / Borehole Data

Date drilling started: 1-25-11 Date drilling completed: 1-25-11 Hole depth: 171 Hole diameter: 6.3/4

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

Method of dosing and volume of Chlorine used in drilling and development: NA

Logs run (circle all applicable): No log run Electric Gamma Ray Density Sonic Neutron Other: _____

Name of organization running log(s): NA

Purpose of borehole (check one): Water Well Geotechnical/Geological Investigation _____ Ground Source Heat Pump _____

Seismic Survey _____ Other (describe) NA

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: 65 feet above below (circle one) land surface Date measured: 1-25-11

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

Well depth: 171 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 151 feet Casing diameter: 4 inches Type of casing: pvc

Screen length: 20 feet Screen diameter: 4 inches Type of screen: pvc

Screen slot size: .010 inches Setting depth: From 151 feet to 171 feet

Type of completion (circle all applicable): Gravel packed Underreamed Telescoped Open hole Natural Development

Other (describe): NA

Top of lap pipe or reduction in casing: NA feet. **If telescoped or more than one screen, describe on next page**

Form: OLWR-SW-16 04/08

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BY: OLWR

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The sketch below only required for water wells

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

If well telescopes, show depths on sketch.

Ground Level →

Description of Formations Encountered	From (depth)	To (depth)
Clay dirt.	Ground Level	18
red sand	18	25
gravel	25	45
white clay	45	60
gravel	60	125
white sand	125	171

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: Jason Stephenson

Form: OLRW-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.

Print Name of Responsible Licensee and License No. James W. Mason 0-620 Date 2-21-11

Signature of Licensee James W. Mason

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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: Avola
 Permit #: _____
 Driller: James W. Mason
 Date completed: 1-25-11
Copy information from block on Part 1

For Office Use Only:

Aquifer: _____
 Well #: _____
 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>Jason Stephenson</u>	Latitude: <u>34-32.785</u> Longitude: <u>89-57-020</u>
Mailing Address: <u>498 Jamie Lynn</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Como</u> <u>MS</u> <u>38619</u>	USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
City State Zip Code	<u>SW 1/4 NW 1/4 Sec 21 T 6S R 7W</u>
Telephone No. <u>(901) 216-4453</u>	Distance Direction Nearest Town
	<u>1 3/4</u> Miles <u>N</u> of <u>Como</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input type="checkbox"/> Submersible <input checked="" type="checkbox"/>	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston Turbine	Electric Motor <input checked="" type="checkbox"/> Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>3/4</u>
Date Pump Installed: <u>1-25-11</u>	Setting Depth: <u>100</u> feet
Rated Pump Capacity: <u>10</u> Gallons Per Minute	Number of Stages: <u>8</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>1-25-11</u>	Air Line Electric Measuring Line Steel Tape
Static Water Level (A): <u>65</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>10</u> GPM with a drawdown of
Test Pumping Rate: <u>10</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.

<u>James W. Mason 0-620</u> Print Name of Pump Installer and License No. (if applicable)	 Signature of Pump Installer	<div style="border: 1px solid black; padding: 5px; font-weight: bold;">RECEIVED</div> FEB 24 2011
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Form: OLWR-SWR-1B (6/08) **BY: OLWR**