

# State Well Report

## Part 1 - Driller's 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)

County: Marshall

Permit #: \_\_\_\_\_

Driller: James W. Mason

Date drilling completed: 2-22-06

### For Office Use Only:

Aquifer: \_\_\_\_\_

Well #: M-69

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>Chuck Busby</u>	Latitude: <u>34° 41' 52"</u> Longitude: <u>89° 43' 34"</u>
Mailing Address: <u>4204 Lake Marshall Rd.</u>	Method of Lat/Long (circle one): Conventional Survey, <u>31</u>
<u>Coldwater</u> MS <u>38618</u>	USGS quad: <u>Hand-held GPS</u> , Survey-grade GPS
City State Zip Code	<u>SW</u> 1/4 <u>SW</u> 1/4 Sec <u>34</u> Twn <u>45</u> Rng <u>5W</u>
Telephone No. <u>662-233-4333</u>	Distance <u>2</u> Miles Direction <u>SW</u> of Nearest Town <u>Wallhill</u>
<b>Well / Borehole Data</b>	
Date drilling started: <u>2-22-06</u> Date drilling completed: <u>2-22-06</u> Hole depth: <u>140'</u> Hole diameter: <u>8"</u>	
Location of the source of any surface water used for drilling: <u>NA</u>	
Method of dosing and volume of Chlorine used in drilling and development: <u>NA</u>	
Logs run (circle all applicable): <u>No log run</u> Electric Gamma Ray Density Sonic Neutron Other: _____	
Name of organization running log(s): <u>NA</u>	
Purpose of borehole (check one): Water Well <input checked="" type="checkbox"/> Geotechnical/Geological Investigation _____ Ground Source Heat Pump _____	
Seismic Survey _____ Other (describe) _____	
<b>If drilling is not related to water well construction, skip the remainder of this block</b>	
Purpose of Well (check one): Home <input checked="" type="checkbox"/> Industrial _____ Public Supply _____ Irrigation _____ Fish Culture _____ Other: _____	
If a flowing well, method of flow regulation: Valve <u>NA</u> Other (describe) _____	
Static Water Level: <u>75</u> feet above of <u>below</u> (circle one) land surface Date measured: <u>2-22-06</u>	
Method of Measurement (circle one) steel tape electric tape air line other: <u>String/weight</u>	
Well depth: <u>140</u> Well grouted to a depth of <u>10</u> feet Type of grout (circle one): Neat Cement <u>Bentonite</u> Mix	
Casing length: <u>120</u> feet Casing diameter: <u>4</u> inches Type of casing: <u>pvc</u>	
Screen length: <u>20</u> feet Screen diameter: <u>4</u> inches Type of screen: <u>pvc</u>	
Screen slot size: <u>010</u> inches Setting depth: From <u>120</u> feet to <u>140</u> feet	
Type of completion (circle all applicable): <u>Gravel packed</u> Underreamed Telescoped Open hole Natural Development	
Other (describe): <u>NA</u>	
Top of lap pipe or reduction in casing: <u>NA</u> feet. <b>If telescoped or more than one screen, describe on next page</b>	

Form: OLWR-SWR-1A

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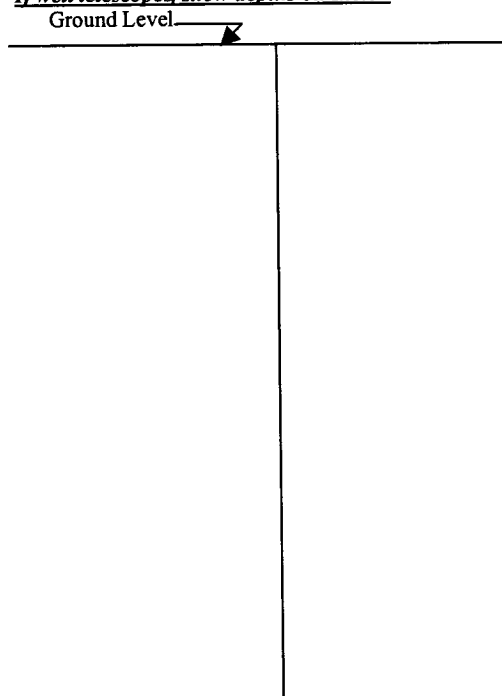
MAR 23 2006

BY: OLWR

M-69

The sketch below only required for water wells

If well telescopes, show depths on sketch.

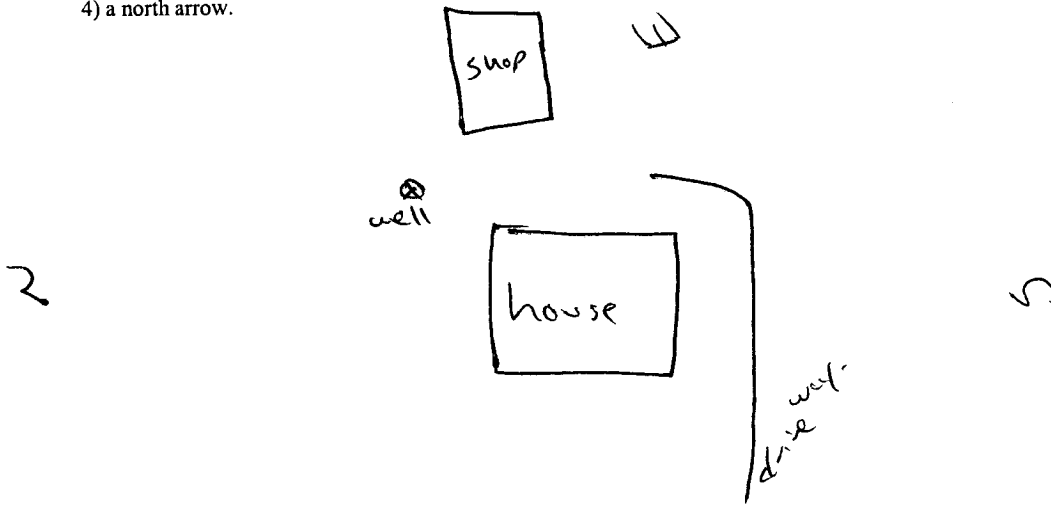


Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

Description of Formations Encountered	From (depth)	To (depth)
Clay dirt	Ground Level	30
white clay	30	45
white sand	45	70
white clay	70	75
white sand	75	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) a north arrow.

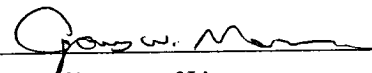


Landowner Name: Chuck Busby 3

Form: OLWR-SWR-1A

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. Jones W. Moser 0-620      Date 3-18-06

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 10631  
 Jackson, MS 39289-0631  
 (601)961-5210  
 (601)354-6938 (fax)

County: Marshall

Permit #: \_\_\_\_\_

Driller: Jones w. Masor

Date completed: 2-22-06

*Copy information from block on Part 1*

**For Office Use Only:**

Aquifer: \_\_\_\_\_

Well #: M-69

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>Chuck Busby</u>	Latitude: <u>34.41.526</u> Longitude: <u>89.43.340</u>
Mailing Address: <u>4204 Tate Marshall rd</u>	Method of Lat/Long (check one): Conventional Survey <u>31</u> , USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
<u>Caldwell</u> ms. <u>38618</u>	<u>Sw</u> ¼ <u>Sw</u> ¼ Sec <u>34</u> T <u>4s</u> R <u>5w</u>
City State Zip Code	Distance Direction Nearest Town
Telephone No. <u>662 233-4333</u>	<u>2</u> Miles <u>Sw</u> of <u>Wall Hill</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input type="radio"/> <input checked="" type="radio"/> Submersible	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston <input type="radio"/> Turbine <input type="radio"/>	<input checked="" type="radio"/> Electric Motor Hand Tractor PTO
Centrifugal Rotary <input type="radio"/> Flowing Well <input type="radio"/>	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>3/4</u>
Date Pump Installed: <u>2-22-06</u>	Setting Depth: <u>80</u> feet
Rated Pump Capacity: <u>12</u> Gallons Per Minute	Number of Stages: <u>11</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>2-22-06</u>	Air Line Electric Measuring Line Steel Tape
Static Water Level (A): <u>75</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.

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

Jones w. Masor  
 Signature of Pump Installer

Form: OLWR-SWR-1B

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