

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: Desoto
Permit #: _____
Driller: Jones w. Masow
Date drilling completed: 10-3-05

For Office Use Only:

Aquifer: _____
Well #: D-105
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 <i>(Landowner if borehole is not for a water well)</i>	Well or Borehole Location
Owner Name: <u>David McCloud</u>	Latitude: <u>34° 59' ³⁸ 641" N</u> Longitude: <u>89° 44' ²¹ 363" W</u>
Mailing Address: <u>LOT 3 Aspen Lane</u> <u>Centerhill crossing</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, <u>(Hand-held GPS)</u> , Survey-grade GPS
<u>Olive Branch MS 38654</u> City State Zip Code	<u>SE 1/4 SW 1/4 Sec 16 Twn 15 Rng 5W</u>
Telephone No. <u>(901) 428-2676</u>	Distance <u>2.18</u> Miles Direction <u>N</u> of Nearest Town <u>hardsy corner</u>

Well / Borehole Data

Date drilling started: 10-3-05 Date drilling completed: 10-3-05 Hole depth: 170' Hole diameter: 8"

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) _____

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 NA Other (describe) _____

Static Water Level: 93 feet above or below (circle one) land surface Date measured: 10-27-05

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

Well depth: 170' Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 160 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 160 feet to 170 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 next page***

Form: OLWR-SWR-1A

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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: Desoto
 Permit #: _____
 Driller: James W. Mason
 Date completed: 10-27-05
Copy information from block on Part 1

For Office Use Only:

Aquifer: _____
 Well #: D-105
 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>David McCloud</u>	Latitude: <u>34.59.641</u> Longitude: <u>89.44.363</u>
Mailing Address: <u>LOT 3 Aspen Lane</u> <u>center-hill crossing</u> <u>OLive Branch MS 38654</u> City State Zip Code	Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____ <u>SE 1/4 SW 1/4 Sec 16 T 15 R 5w</u>
Telephone No. <u>(901) 428-2676</u>	Distance Direction Nearest Town <u>2.18</u> Miles <u>N</u> of <u>hobby corner</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input type="radio"/> <input checked="" type="radio"/> <u>Submersible</u>	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston Turbine	<input checked="" type="radio"/> <u>Electric Motor</u> Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>1 1/2 hp</u>
Date Pump Installed: <u>10-27-05</u>	Setting Depth: <u>120</u> feet
Rated Pump Capacity: <u>18</u> Gallons Per Minute	Number of Stages: <u>14</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>10-27-05</u>	Air Line Electric Measuring Line Steel Tape
Static Water Level (A): <u>93</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>18</u> GPM with a drawdown of
Test Pumping Rate: <u>18</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 0-620 _____
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

Form: OLWR-SWR-1B

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