

# 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)

For Office Use Only:

Aquifer: \_\_\_\_\_  
Well #: D-114  
L. S. Elevation: \_\_\_\_\_  
E-log #: \_\_\_\_\_

County: Desoto  
Permit #: \_\_\_\_\_  
Driller: Jones W. Mason  
Date drilling completed: 1-6-06

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>David Couch</u>	Latitude: <u>34° 59' 60"</u> Longitude: <u>89° 44' 37"</u>
Mailing Address: <u>Centerhill crossing</u>	Method of Lat/Long (circle one): <u>36</u> Conventional Survey, <u>22</u>
<u>olive Branch MS 38654</u>	USGS quad, Hand-held GPS, Survey-grade GPS
City State Zip Code	<u>Sw 1/4 SW 1/4 Sec 16 Twn 15 Rng 5w</u>
Telephone No. <u>901 870-6631</u>	Distance Direction Nearest Town
	<u>2 1/8 Miles N of handy corner</u>
Well / Borehole Data	
Date drilling started: <u>1-6-06</u> Date drilling completed: <u>1-6-06</u> Hole depth: <u>170'</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>90</u> feet above or <u>below</u> (circle one) land surface Date measured: <u>1-6-06</u>	
Method of Measurement (circle one) steel tape electric tape air line other: <u>string weight</u>	
Well depth: <u>170</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>160</u> feet Casing diameter: <u>4</u> inches Type of casing: <u>pvc</u>	
Screen length: <u>10</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>160</u> feet to <u>170</u> feet	
Type of completion (circle all applicable): <u>Gravel packed</u> Underreamed Telescoped Open hole Natural Development	
Other (describe): _____	
Top of lap pipe or reduction in casing: <u>NA</u> feet. <i>If telescoped or more than one screen, describe on next page</i>	

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: Jones w. Mason  
 Date completed: 1-6-06  
*Copy information from block on Part 1*

**For Office Use Only:**

Aquifer: \_\_\_\_\_  
 Well #: D-114  
 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 Couch</u>	Latitude: <u>34.59-601</u> Longitude: <u>89.44.374</u>
Mailing Address: <u>Centerhill crossing</u>	Method of Lat/Long (check one): Conventional Survey <u>36</u> <input type="checkbox"/> Survey-grade GPS <u>22</u> <input checked="" type="checkbox"/>
<u>Axis Branch MS 38654</u>	USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
City State Zip Code	<u>SW 1/4 SW 1/4 Sec 16 T 1s R 5w</u>
Telephone No. <u>901 870-6631</u>	Distance Direction Nearest Town
	<u>2.18</u> Miles <u>N</u> of <u>hwy corner</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input type="checkbox"/> <b>Submersible</b> <input checked="" type="checkbox"/> Turbine <input type="checkbox"/>	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston <input type="checkbox"/> Turbine <input type="checkbox"/>	<b>Electric Motor</b> <input checked="" type="checkbox"/> Hand <input type="checkbox"/> Tractor PTO <input type="checkbox"/>
Centrifugal Rotary <input type="checkbox"/> Flowing Well <input type="checkbox"/>	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>2 HP</u>
Date Pump Installed: <u>1-6-06</u>	Setting Depth: <u>120'</u> feet
Rated Pump Capacity: <u>25</u> Gallons Per Minute	Number of Stages: <u>14</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>1-6-06</u>	Air Line Electric Measuring Line Steel Tape
Static Water Level (A): <u>90</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>25</u> GPM with a drawdown of
Test Pumping Rate: <u>25</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) Signature of Pump Installer

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