

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. Mason.
Date drilling completed: 10-18-06

For Office Use Only:

Aquifer: _____
Well #: R-249
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>Mike Barton</u>	Latitude: <u>34° 49' 37.9"</u> Longitude: <u>89° 03' 23.4"</u>
Mailing Address: <u>2524 Horn Lake Rd.</u>	Method of Lat/Long (circle one): <u>Hand-held GPS</u> , Conventional Survey, Survey-grade GPS
<u>Bar E ranchettes</u>	USGS quad: _____
<u>Hernando MS 39037</u>	<u>SE</u> ¼ <u>NE</u> ¼ Sec <u>17</u> TwN <u>35</u> Rng <u>8W</u>
City _____ State _____ Zip Code _____	Distance _____ Miles Direction <u>SE</u> of Nearest Town <u>Free Corner</u>
Telephone No. (<u>901</u>) <u>412-9579</u>	

Well / Borehole Data

Date drilling started: 10-18-06 Date drilling completed: 10-18-06 Hole depth: 140' 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) _____

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: 55' feet above below (circle one) land surface Date measured: 10-18-06

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

Well depth: 140' Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 120 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 120 feet to 140 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-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: 10-18-06
Copy information from block on Part 1

For Office Use Only:

Aquifer: _____
 Well #: R-249
 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>Mike Barton</u>	Latitude: <u>34.49-379</u> Longitude: <u>090.030-722</u>
Mailing Address: <u>25244 Horn Lake Rd</u> <u>Box E Ranchettes</u> <u>Herrado ms 38632</u>	Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____ <u>SE</u> $\frac{1}{4}$ <u>NE</u> $\frac{1}{4}$ Sec <u>17</u> T <u>3S</u> R <u>8W</u>
City: _____ State: _____ Zip Code: _____	Distance: _____ Direction: _____ Nearest Town: _____
Telephone No. (<u>901</u>) <u>412-9579</u>	<u>3.4</u> Miles <u>SE</u> of <u>free corner</u>

Pump Type Circle one	Power Type Circle one
Air Lift: Jet <input type="checkbox"/> <u>Submersible</u> <input checked="" type="checkbox"/>	Diesel Engine <input type="checkbox"/> Gasoline Engine <input type="checkbox"/> Natural Gas <input type="checkbox"/>
Bucket: Piston <input type="checkbox"/> Turbine <input type="checkbox"/>	<u>Electric Motor</u> <input checked="" type="checkbox"/> Hand <input type="checkbox"/> Tractor PTO <input type="checkbox"/>
Centrifugal: Rotary <input type="checkbox"/> Flowing Well <input type="checkbox"/>	Windmill <input type="checkbox"/> Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>1 1/2</u>
Date Pump Installed: <u>10-18-06</u>	Setting Depth: <u>80</u> feet
Rated Pump Capacity: <u>20</u> Gallons Per Minute	Number of Stages: <u>14</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>10-18-06</u>	Air Line <input type="checkbox"/> Electric Measuring Line <input type="checkbox"/> Steel Tape <input type="checkbox"/>
Static Water Level (A): <u>55</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>20</u> GPM with a drawdown of <u>NA</u> feet after <u>24</u> hours of pumping
Test Pumping Rate: <u>20</u> Gallons Per Minute	
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 0-620 _____
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

RECEIVED

Form: OLWR-SWR-1B
 NOV 17 2006
 BY: OLWR