

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 39225-2309
(601)961-5210
(601)360-0535 (fax)

For Office Use Only:

Well #: F182
Aquifer: _____
E-Log #: _____

County: Marshall
Permit #: 0163
Driller: Larry Carpenter
Date drilling completed: 8-10-13

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.

Well Owner Information <small>(Landowner if borehole is not for a water well)</small>	Well or Borehole Location
Owner Name: <u>Marb Loftin</u>	Latitude: <u>34° 56.235</u> Longitude: <u>89° 33.146</u>
Mailing Address: <u>30 Loftin Rd</u>	Method of Lat/Long (check one): Conventional Survey _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
City: <u>Red Banks</u> State: <u>MS</u> Zip Code: <u>38661</u>	USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
Telephone No. <u>(901) 826 3547</u>	<u>NW</u> ¼ <u>SE</u> ¼, Sec <u>6</u> T <u>25</u> R <u>3W</u>
	<u>2</u> Miles <u>S.W</u> of <u>Mt. Pleasant</u>
	(Distance) (Direction) (Nearest Town)

Well / Borehole Data

Date drilling started: 8-10-13 Date drilling completed: 8-10-13 Hole depth: 260' Hole diameter: 12"

Location of the source of any surface water used for drilling: Well Water

Method of dosing and volume of Chlorine used in drilling and development: 1 Pd Chlorine to 1000 Gal. Water

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

Name of organization running log(s): _____

Purpose of borehole (circle one): Water Well Geotechnical/Geological Investigation Ground Source Heat Pump
Seismic Survey Other (describe) Agriculture Irrigation

If drilling is not related to water well construction, skip the remainder of this block

Purpose of Well (circle all applicable): Home Industrial Public Supply Irrigation Fish Culture

Other (describe): _____

If a flowing well, method of flow regulation: Valve _____ Other (describe) _____

Static Water Level: 20 feet [above or below] land surface Date measured: 8-11-13

Method of measurement (circle one): Steel tape Electric tape Air line Other (describe): _____

Well depth: 260' Well grouted to a depth of: 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 200 feet Casing diameter: 8 inches Type of casing: PVC

Screen length: 60 feet Screen diameter: 8 inches Type of screen: PVC

Screen slot size: .020 inches Setting depth: From 200 feet to 260 feet

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

Other (describe): _____

Top of lap pipe or reduction in casing: _____ feet

If telescoped or more than one screen, describe on next page

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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 39225-2309
 (601)961-5210
 (601) 360-0535 (fax)

For Office Use Only:

Well #: F182
 Aquifer: _____

County: Marshall
 Permit #: 0162
 Driller: Larry Carpenter
 Date completed: 8-14-13
Copy information from block on Part 1

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>Mark Loftin</u>	Latitude: <u>34° 56.233</u> Longitude: <u>89° 33.146</u>
Mailing Address: <u>30 Loftin Rd</u>	Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
<u>Red Banks</u> <u>MS</u> <u>38661</u>	NW ¼ SE ¼, Sec <u>6</u> T <u>25</u> R <u>3W</u>
City State Zip Code	<u>2</u> Miles <u>SW</u> of <u>mt Pleasant</u>
Telephone No. (9d) <u>826-3547</u>	(Distance) (Direction) (Nearest Town)

Pump Type (circle one)

Submersible Turbine Air Lift Centrifugal Flowing Well Jet Piston Rotary Other (describe): _____

Date Pump Installed: 8-13-13 Rated Pump Capacity: 275 Gallons Per Minute

Is This Pump (circle one): New Repaired Replacement

Power Type (circle one)

Electric Diesel Gasoline Natural Gas Tractor PTO Windmill Other (describe): _____

Horse Power Rating of Motor: 25 Setting Depth: 105 feet Number of Stages: 6

Pump Test Data for Non Flowing Well

Date Well Tested: 8-14-13 Duration of Pump Test (minimum 4 hours): 8 hours

Static Water Level (A): 20 Feet Below Land Surface Pumping Water Level (B): 40 Feet Below Land Surface

Drawdown [(B) - (A)]: 20 Feet Below Land Surface Test Pumping Rate: 400 Gallons Per Minute

Method of measurement (circle one): Steel tape Electric tape Air line Other (describe): _____

Pump Test Data for Flowing Well

Measured shut in head: _____ feet.

Well yielded _____ GPM with a drawdown of _____ feet after _____ hours of pumping

Meter Installation

Meter Manufacturer: McCrometer Meter Serial Number: 13-07920

Meter Model Number/Name: M0304 Propeller meter Type of Meter: Propeller Flowmeter

Totalizer Register Unit and Multiplier Factor (AF x .001, gal x 1000, etc): Gal. x 100

Installation Date: 9-5-13 Meter installed by: Larry Carpenter Well Co

Is This Meter (circle one): New Repaired Replacement

Important: By submitting the above information you are certifying that this meter was installed to manufacturer standards. For agricultural wells, a list of approved meters is on the MDEQ website.

I HEREBY CERTIFY that the above statements are true to the best of my knowledge.

Larry Carpenter #0162 9-6-13 Larry Carpenter

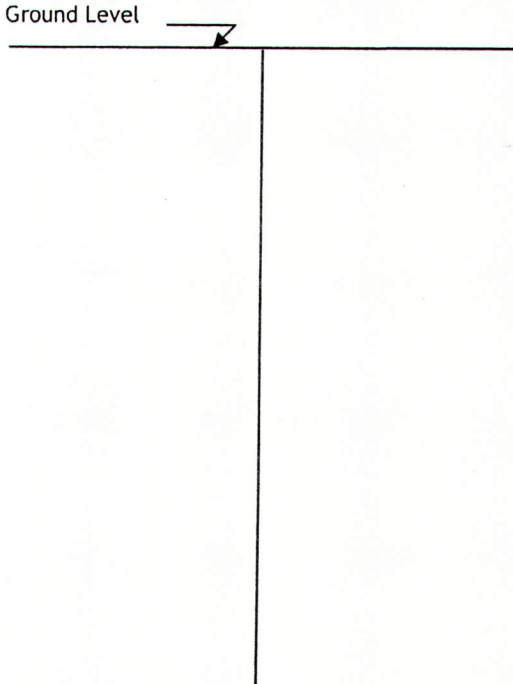
Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer

County: Marshall
 Permit #: 0162

For Office Use Only:
 Well #: F182

The sketch below only required for water wells

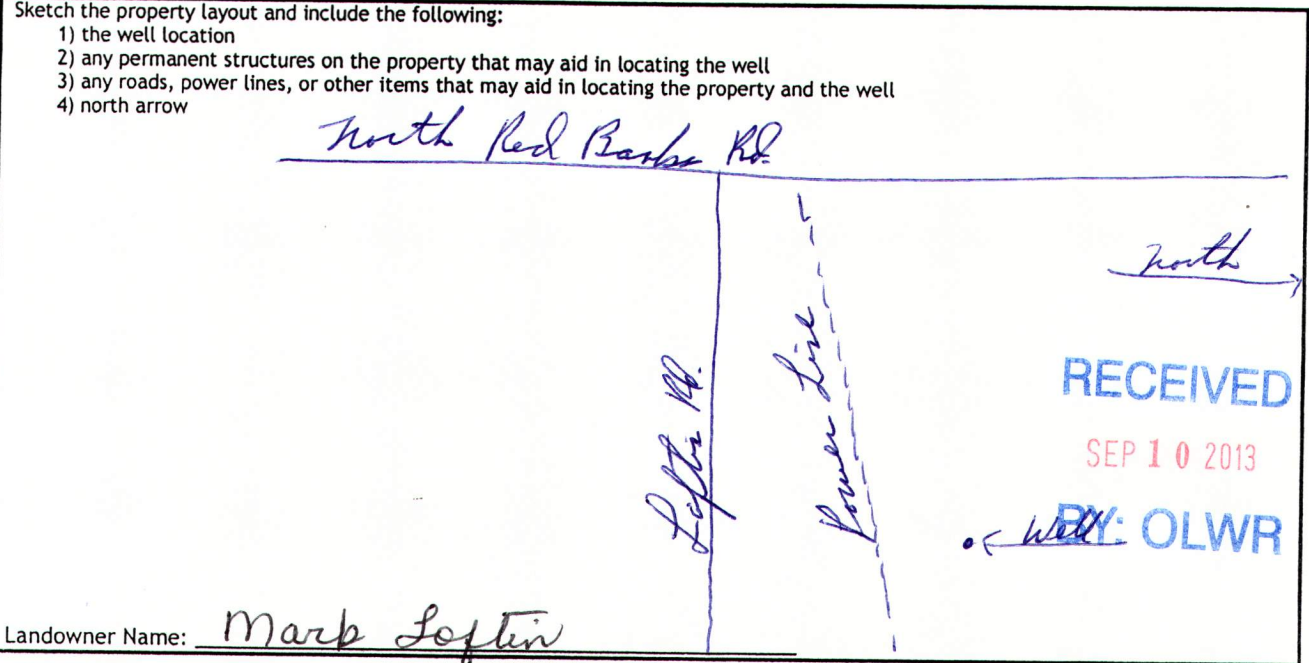
If well telescopes, show depths on sketch.



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

Description of Formations Encountered	From (depth) Ground level	To (depth)
Surface Soil	0	15
Red Brown Sand	15	40
Med. White Sand	40	153
White Clay	153	180
White Fine Sand	180	190
White Coarse Sand	190	260

If more than one screen, show location of each on sketch



Landowner Name: Mark Loftin

I HEREBY 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.

Larry Carpenter #0162 9-6-13 Larry Carpenter
 Print Name of Responsible Licensee and License No. Date Signature of Licensee