

County: Marshall
 Permit #: 0-162
 Driller: Larry Casper
 Date drilling completed: 2-12-07

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 #: B-83
 L. S. Elevation: F178
 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.

<p>Information on Well Owner (Landowner if borehole is not for a water well)</p> <p>Owner Name: <u>Southern Home</u> Mailing Address: <u>P.O. Box 5172</u> <u>Holly Springs Trac 38654</u> City State Zip Code Telephone No. <u>(662) 252-3497</u></p>	<p>Well or Borehole Location</p> <p>Latitude: <u>34° 55' 46"</u> Longitude: <u>89° 29' 49"</u> Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS <u>NE 1/4 E 1/4 Sec 10 Twn 15 Rng 3 W</u> Distance Direction Nearest Town <u>1 1/2 Miles South of Millbrook</u></p>
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Well / Borehole Data

Date drilling started: 2-12-07 Date drilling completed: 2-12-07 Hole depth: 150' Hole diameter: 8"
 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: 2 1/2 qt 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 (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 _____ Other (describe) _____
 Static Water Level: 90 feet above or below (circle one) land surface Date measured: 2-12-07
 Method of Measurement (circle one) steel tape electric tape air line other: _____
 Well depth: 150' Well grouted to a depth of 10 feet Type of grout (circle one) Neat Cement Bentonite Mix
 Casing length: 140 feet Casing diameter: 4 inches Type of casing: PVC
 Screen length: 10 feet Screen diameter: 4 inches Type of screen: PVC
 Screen slot size: .013 inches Setting depth: From 140 feet to 150 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: _____ feet *If telescoped or more than one screen, describe on next page*

Form: OLWR-SWR-1A

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B-83

The sketch below only required for water wells

if well telescopes, show depths on sketch.

Ground Level \rightarrow

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	20
Med. Red Sand	20	45
Med White Sand	45	80
White Fine Sand	80	110
White Clay	110	124
White Coarse Sand	124	150

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.

Heavy 311

Landowner Name: Southern Homes

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.

LARRY CARPENTER 0-162 2-20-07 Larry Carpenter

Print Name of Responsible Licensee and License No. Date 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 #: 0-162
Driller: Larry Carpenter
Date completed: 2-12-07
Copy information from block on Part 1

For Office Use Only:
Aquifer:
Well #: B-83
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: Southern Homes
Mailing Address: P.O. Box 5172
Holly Springs, MS 38634
Telephone No. 662 252-3497
Well Location:
Latitude: Longitude:
Method of Lat/Long (check one): Conventional Survey
USGS quad Hand-held GPS Survey-grade GPS
1/4 1/4 Sec 10 T 15 R 3W
Distance Direction Nearest Town
1 1/2 Miles South of Mt. Pleasant

Pump Type: Submersible
Power Type: Electric Motor
Air Lift Jet
Bucket Piston Turbine
Centrifugal Rotary Flowing Well
Other (specify):
Date Pump Installed: 2-12-07
Rated Pump Capacity: 10 Gallons Per Minute
Diesel Engine Gasoline Engine Natural Gas
Electric Motor Hand Tractor PTO
Windmill Other (specify):
Horse Power Rating of Motor: 3/4
Setting Depth: 120 feet
Number of Stages: 11

Pump Test Data:
Date Well Tested: 2-12-07
Static Water Level (A): 90 Feet Below Land Surface
Pumping Water Level (B): 94 Feet Below Land Surface
Drawdown [(B)-(A)]: 4 Feet Below Land Surface
Test Pumping Rate: 16 Gallons Per Minute
Duration of Pump Test (minimum 4 hours): 4 hours
Method of Measuring Water Level: Steel Tape
Air Line Electric Measuring Line
Other (specify):
For flowing well, measured shut in head: feet
Well yielded 16 GPM with a drawdown of
4 feet after 4 hours of pumping

I HEREBY CERTIFY that the above statements are true to the best of my knowledge.
LARRY CARPENTER 0-162
Print Name of Pump Installer and License No. (if applicable)
Larry Carpenter
Signature of Pump Installer

Form: OLWR-SWR-1B

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