

County: Marshall  
Permit #: 0-163  
Driller: Larry Carpenter  
Date drilling completed: 10-31-11

**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: P 87  
Well #: \_\_\_\_\_  
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**  
(Landowner if borehole is not for a water well)  
Owner Name: Hillcrest Homes  
Mailing Address: 803 East Salem Ave  
Holly Springs MS 38635  
City State Zip Code  
Telephone No. (662) 544 3824

**Well or Borehole Location**  
Latitude: 34° 42' 38" Longitude: 89° 25' 25"  
Method of Lat/Long (circle one): Conventional Survey  
USGS quad, Hand-held GPS, Survey-grade GPS  
NE, NW 1/4 Sec 28 Twn 45 Rng 2 W  
Distance 2 1/2 Miles Direction S. E. of Nearest Town Holly Springs

**Well / Borehole Data**  
Date drilling started: 10-31-11 Date drilling completed: 10-31-11 Hole depth: 120' 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: 1/2 PT 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: 70 feet above or below (circle one) land surface Date measured: 10-31-11  
Method of Measurement (circle one) steel tape electric tape air line other: \_\_\_\_\_  
Well depth: 120' Well grouted to a depth of 10 feet Type of grout (circle one) Neat Cement Bentonite Mix  
Casing length: 110 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 110 feet to 120 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

The sketch below only required for water wells

If well telescopes, show depths on sketch.  
Ground Level\_\_\_\_\_.

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

[illegible]

**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.

Timber Davis Rd.

Driveway

House  
well

**Landowner Name:**

Hillcrest 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 C-162 11-1-11

**Print Name of Responsible Licensee and License No.**

**Date**

Lang Carpenter

**Signature of Licensee**

# 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)

For Office Use Only:

Aquifer: \_\_\_\_\_

Well #: P87

Elevation: \_\_\_\_\_

County: Marshall

Permit #: 0-162

Driller: Larry Carpenter

Date completed: 10-31-11

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

Owner Name: Hillcrest Homes

Mailing Address: 802 East Salem Ave

Holly Springs MS 38635  
City State Zip Code

Telephone No. (662) 544 3824

### Well Location

Latitude: 34°42' - 805 Longitude: 89°25' - 056

Method of Lat/Long (check one): Conventional Survey \_\_\_\_\_

USGS quad \_\_\_\_\_, Hand-held GPS ☒, Survey-grade GPS \_\_\_\_\_

\_\_\_\_\_ 1/4 \_\_\_\_\_ 1/4 Sec 21 T 45 R 2W

Distance Direction Nearest Town

2 1/2 Miles SE of Holly Springs

### Pump Type Circle one

Air Lift

Jet

Submersible

Bucket

Piston

Turbine

Centrifugal

Rotary

Flowing Well

Other (specify): \_\_\_\_\_

Date Pump Installed: 10-31-11

Rated Pump Capacity: 12 Gallons Per Minute

### Power Type Circle one

Diesel Engine

Gasoline Engine

Natural Gas

Electric Motor

Hand

Tractor PTO

Windmill

Other (specify): \_\_\_\_\_

Horse Power Rating of Motor: 3/4

Setting Depth: 90 feet

Number of Stages: 11

### Pump Test Data

Date Well Tested: 10-31-11

Static Water Level (A): 70 Feet Below Land Surface

Pumping Water Level (B): 76 Feet Below Land Surface

Drawdown [(B) - (A)]: 6 Feet Below Land Surface

Test Pumping Rate: 12 Gallons Per Minute

Duration of Pump Test (minimum 4 hours): 4 hours

### Method of Measuring Water Level Circle one

Air Line

Electric Measuring Line

Steel Tape

Other (specify): \_\_\_\_\_

For flowing well, measured shut in head: \_\_\_\_\_ feet

Well yielded 12 GPM with a drawdown of

6 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