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BY: OLWR

### State Well Report

#### Part 1

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 drilling completed: 4-11-05

For Office Use Only:  
 Aquifer: \_\_\_\_\_  
 Well #: G-84  
 L. S. Elevation: \_\_\_\_\_  
 E-log #: \_\_\_\_\_

State Law requires that this report be prepared by the driller in detail and filed with the Department within 30 days of completion of drilling of the well.

Well Owner Information	Well Location
Owner Name: <u>Southern Homes</u>	Latitude: <u>34° 53' 59"</u> Longitude: <u>89° 26' 01"</u>
Mailing Address: <u>420 East Van Dyke Ave</u>	Method of Lat/Long (circle one): <input type="radio"/> Conventional Survey, <input type="radio"/> USGS quad, <input type="radio"/> Hand-held GPS, <input type="radio"/> Survey-grade GPS
<u>Holly Springs, MS 38635</u>	<u>NE 1/4 NW 1/4 Sec 20 Twn 25 Rng 2W</u>
City: _____ State: _____ Zip Code: _____	Distance: <u>3 1/2 Miles</u> Direction: <u>South</u> of Nearest Town: <u>Sloyker, MS</u>
Telephone No. <u>(662) 252-3497</u>	

#### Well Data

Purpose of Well (circle one):  Home  Industrial  Public Supply  Irrigation  Fish Culture  Other: \_\_\_\_\_

Date well drilling started: 4-11-05 Date well drilling completed: 4-11-05

If flowing, method of flow regulation: Valve \_\_\_\_\_ Other (describe) \_\_\_\_\_

Static Water Level: 110 feet above or  below (circle one) land surface Date measured: 4-11-05

Method of Measurement (circle one):  steel tape  electric tape  air line  other: \_\_\_\_\_

Hole depth: 165 Ft Well depth: 165 Ft Well grouted to a depth of 10 feet

Type of grout (circle one):  Cement  Bentonite  Mix

Casing length: 155 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 155 feet to 165 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 back of page

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

Name of organization running log(s): \_\_\_\_\_

I certify that the well was drilled, constructed, and completed in accordance with all applicable requirements of the Mississippi Department of Environmental Quality and/or the Mississippi Department of Health regulations and state laws.

LARRY CARPENTER 0-162

Larry Carpenter



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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)

For Office Use Only:  
 Aquifer: \_\_\_\_\_  
 Well #: G-84  
 Elevation: \_\_\_\_\_

County: Marshall  
 Permit #: 0-162  
 Driller: Larry Carpenter  
 Date completed: 4-13-05

This report should be prepared by the pump installer in detail and filed with the Department within 30 days of the installation of pump.

**Well Owner Information**  
 Owner Name: Southern Homes  
 Mailing Address: 420 East Van Dorn Ave  
Holly Springs Ms. 38635  
 City State Zip Code  
 Telephone No. (662) 252-3497

**Well Location**  
 Latitude: \_\_\_\_\_ Longitude: \_\_\_\_\_  
 Method of Lat/Long (circle one): Conventional Survey,  
 USGS quad, Hand-held GPS, Survey-grade GPS  
 \_\_\_\_\_ 1/4 \_\_\_\_\_ 1/4 Sec 20 Twn 2 S Rng 2 W  
 Distance Direction Nearest Town  
3 1/2 Miles South of Slayden, Ms.

**Pump Type**  
 Circle one  
 Air Lift Jet  Submersible  
 Bucket Piston Turbine  
 Centrifugal Rotary Flowing Well  
 Other (specify): \_\_\_\_\_  
 Date Pump Installed: 4-13-05  
 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: 135 feet  
 Number of Stages: 12

**Pump Test Data**  
 Date Well Tested: 4-13-05  
 Static Water Level (A): 110 Feet Below Land Surface  
 Pumping Water Level (B): 115 Feet Below Land Surface  
 Drawdown (B)-(A): 5 Feet Below Land Surface  
 Test Pumping Rate: 15 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 15 GPM with a drawdown of  
5 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

Larry Carpenter  
 Pump Installer