

# 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)

### For Office Use Only:

Aquifer: \_\_\_\_\_  
Well #: H-186  
L. S. Elevation: \_\_\_\_\_  
E-log #: \_\_\_\_\_

County: Marshall 093  
Permit #: 0-162  
Driller: Larry Carpenter  
Date drilling completed: 1-28-05

Carpenter Well Company

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>Rappa Custom Homes</u>	Latitude: <u>34° 49' 36"</u> Longitude: <u>89° 41' 11"</u>
Mailing Address: <u>4326 Hwy #178</u>	Method of Lat/Long (circle one): <u>Conventional Survey</u>
<u>Red Bank</u> <u>Ms</u> <u>38661</u>	USGS quad, Hand-held GPS, Survey-grade GPS
City State Zip Code	<u>SW 1/4 NW 1/4 Sec 13</u> <u>Twn 35</u> <u>Rng 5W</u>
Telephone No. <u>(662) 252-2114</u>	Distance <u>1 1/2</u> Miles <u>South</u> of <u>Red Bank, Ms</u>

### Well Data

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

Date well drilling started: 1-28-05 Date well drilling completed: 1-28-05

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

Static Water Level: 40 feet above or below (circle one) land surface Date measured: 1-28-05

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

Hole depth: 105 ft Well depth: 105 ft Well grouted to a depth of 10 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 95 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 95 feet to 105 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  
Print Name of Water Well Contractor and License No.

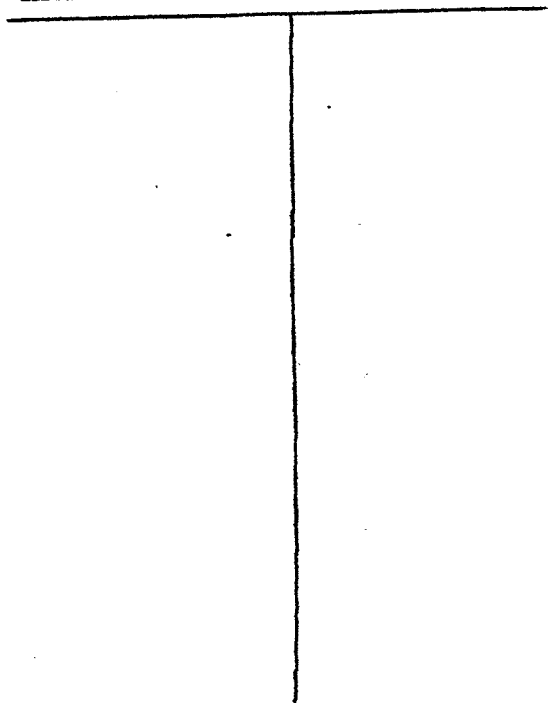
Larry Carpenter FEB 22 2005  
Signature of Water Well Contractor BY: OLWR

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BY: OLWR

Ground Level

Description of Formations Encountered

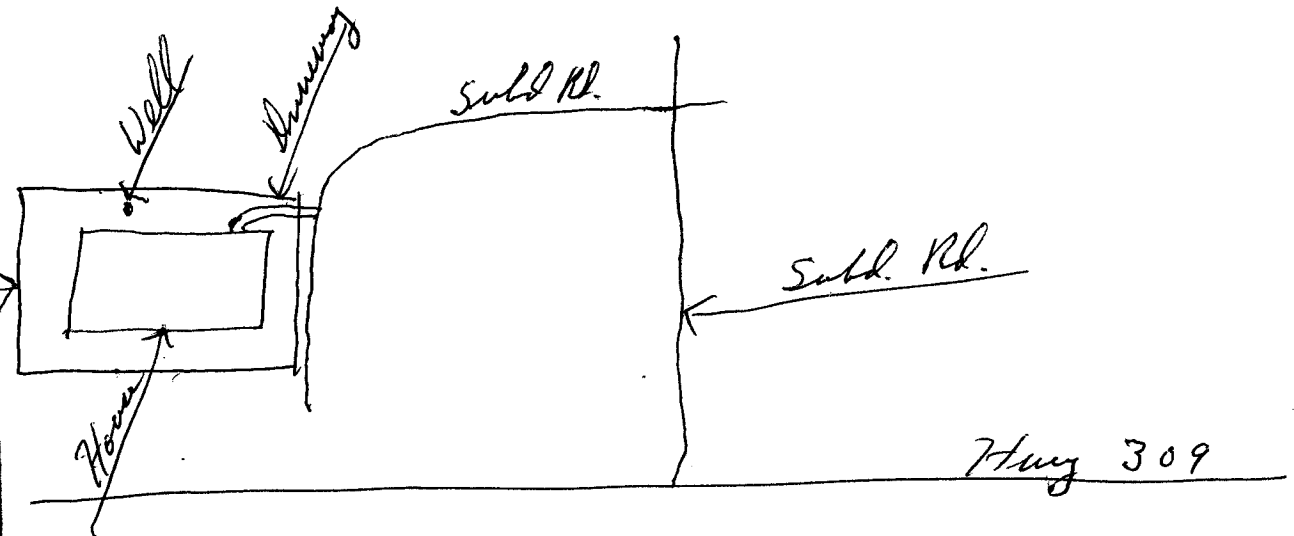
From To



Description of Formations Encountered	From	To
Surface Soil	0	16
White Clay	16	25
Thin Strat White Sand	25	65
White Coarse Sand	65	185

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) indicate direction.



Landowner Name: Rayna Custon Horner

Larry Carpenter  
Signature of Water Well Contractor

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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: 1-29-05

For Office Use Only:

Aquifer: \_\_\_\_\_  
 Well #: H-186  
 Elevation: \_\_\_\_\_

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	Well Location
Owner Name: <u>Paypa Custom Homes</u> Mailing Address: <u>4326 Hwy #178</u>  <u>Red Bank</u> Mo. <u>38661</u> City State Zip Code  Telephone No. <u>(662) 252-2114</u>	Latitude: _____ Longitude: _____ Method of Lat/Long (circle one): <input checked="" type="radio"/> Conventional Survey, <input type="radio"/> USGS quad, <input type="radio"/> Hand-held GPS, <input type="radio"/> Survey-grade GPS  _____ 1/4 _____ 1/4 Sec. <u>13</u> Twn <u>35</u> Rng <u>5W</u>  Distance Direction Nearest Town <u>1 1/2</u> Miles <u>South</u> of <u>Byhalia, Mo.</u>

Pump Type Circle one	Power Type Circle one
Air Lift <input type="checkbox"/> Jet <input checked="" type="checkbox"/> <u>Submersible</u> Bucket <input type="checkbox"/> Piston <input type="checkbox"/> Turbine Centrifugal <input type="checkbox"/> Rotary <input type="checkbox"/> Flowing Well Other (specify): _____ Date Pump Installed: <u>1-29-05</u> Rated Pump Capacity: <u>12</u> Gallons Per Minute	Diesel Engine <input type="checkbox"/> Gasoline Engine <input type="checkbox"/> Natural Gas <input type="checkbox"/> <input checked="" type="checkbox"/> <u>Electric Motor</u> <input type="checkbox"/> Hand <input type="checkbox"/> Tractor PTO Windmill <input type="checkbox"/> Other (specify): _____ Horse Power Rating of Motor: <u>3/4</u> Siting Depth: <u>60</u> feet Number of Stages: <u>11</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>1-29-05</u> Static Water Level (A): <u>40</u> Feet Below Land Surface Pumping Water Level (B): <u>44</u> Feet Below Land Surface Drawdown (B)-(A): <u>4</u> Feet Below Land Surface Test Pumping Rate: <u>16</u> Gallons Per Minute Duration of Pump Test (minimum 4 hours): <u>4</u> hours	Air Line <input type="checkbox"/> Electric Measuring Line <input type="checkbox"/> <input checked="" type="checkbox"/> <u>Steel Tape</u> Other (specify): _____ For flowing well, measured shut in head: _____ feet Well yielded <u>16</u> GPM with a drawdown of <u>4</u> feet after <u>4</u> 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

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 FEB 22 2005  
**BY: OLWR**