

**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)

County: Marshall  
Permit #: 0-16.2  
Driller: Larry Carpenter  
Date drilling completed: 5-31-2011

For Office Use Only:  
Aquifer: E 260  
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)	Well or Borehole Location
Owner Name: <u>Jennifer M Hendricks</u>	Latitude: <u>34° 55' 213"</u> Longitude: <u>89° 35' 605"</u>
Mailing Address: <u>947 Mt Zion Rd</u>	Method of Lat/Long (circle one): <u>Conventional Survey</u>
<u>Byhalia MS 38611</u>	USGS quad, <u>(Hand-held GPS)</u> Survey-grade GPS
City State Zip Code	<u>1/4 SW 1/4 Sec 11 Twn 25 Rng 4 W</u>
Telephone No. <u>(601) 359-2737</u>	Distance <u>2</u> Miles <u>SE</u> of <u>Cayce</u>

**Well / Borehole Data**

Date drilling started: 5-31-11 Date drilling completed: 5-31-11 Hole depth: 112' 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 lb 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: 8 feet above or below (circle one) land surface Date measured: 5-31-11

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

Well depth: 112' Well grouted to a depth of 10 feet Type of grout (circle one) Neat Cement Bentonite Mix

Casing length: 97 feet Casing diameter: 4 inches Type of casing: PVC

Screen length: 15 feet Screen diameter: 4 inches Type of screen: PVC

Screen slot size: .013 inches Setting depth: From 97 feet to 112 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

RECEIVED  
JUN 7 2011  
BY: [Signature]



# 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 #: \_\_\_\_\_

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

County: Marshall

Permit #: 0-162

Driller: Jerry Carpenter

Date completed: 5-31-2011

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: Jennifer M Hendricks

Mailing Address: 947 Mt Zion Rd

Byhalia MS 38611  
City State Zip Code

Telephone No. (901) 359 2737

### Well Location

Latitude: 34.55243 Longitude: 89.35.65

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

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

\_\_\_\_\_ 1/4 \_\_\_\_\_ 1/4 Sec 11 T 25 R 4W

Distance Direction Nearest Town

2 Miles SE of Cayce

### Pump Type Circle one

Air Lift Jet  Submersible  
Bucket Piston Turbine  
Centrifugal Rotary Flowing Well

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

Date Pump Installed: 5-31-11

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: 30 feet

Number of Stages: 11

### Pump Test Data

Date Well Tested: 5-31-11

Static Water Level (A): 8 Feet Below Land Surface

Pumping Water Level (B): 15 Feet Below Land Surface

Drawdown [(B) - (A)]: 7 Feet Below Land Surface

Test Pumping Rate: 17 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 17 GPM with a drawdown of

7 feet after 4 hours of pumping

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

Jerry Carpenter 0-162  
Print Name of Pump Installer and License No. (if applicable)

Jerry Carpenter  
Signature of Pump Installer

Form: OLWR-SWR-1B

RECEIVED  
JUN 17 2011  
STATE DEPARTMENT OF ENVIRONMENTAL QUALITY