

# State Well Report

## Part 1 - Driller's Log

Mississippi Department of Environmental Quality  
Office of Land and Water Resources  
P.O. Box 2309  
Jackson, MS 39225  
(601)961- 5210  
(601)961- 5228 (fax)

County: Licola  
Permit #: \_\_\_\_\_  
Driller: Fitzgerald well service  
Date drilling completed: 5-14-11

For Office Use Only:  
Aquifer: R 44  
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<br><i>(Landowner if borehole is not for a water well)</i> | Well or Borehole Location                                      |
|---|--|
| Owner Name: <u>Evellyn Jarrell</u>  | Latitude: <u>31° 21' 33.3"</u> Longitude: <u>90° 19' 2.4"</u>  |
| Mailing Address: <u>Ruth Rd.</u>  | Method of Lat/Long (circle one): <u>Conventional Survey</u>    |
| <u>Ruth</u> <u>MS</u>   | USGS quad, Hand-held GPS, Survey-grade GPS                     |
| City State Zip Code   | <u>SW 1/4 NE 1/4</u> Sec <u>34</u> Twn <u>5N</u> Rng <u>8E</u> |
| Telephone No. ( ) _____   | Distance _____ Miles Direction _____ of Nearest Town _____     |

**Well / Borehole Data**

Date drilling started: 5-14-11 Date drilling completed: 5-14-11 Hole depth: 149' Hole diameter: 8"

Location of the source of any surface water used for drilling: \_\_\_\_\_  
Method of dosing and volume of Chlorine used in drilling and development: \_\_\_\_\_

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: 82' feet above or below (circle one) land surface Date measured: 5-14-11

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

Well depth: 149' Well grouted to a depth of 10' feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 139' feet Casing diameter: 4" inches Type of casing: PVC

Screen length: 10' feet Screen diameter: 4" inches Type of screen: PVC

Screen slot size: .012 inches Setting depth: From 139' feet to 149' 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 (04/08)

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BY: OLWR



# STATE WELL REPORT

## Part 2

**Pump Installer's Completion Report**  
 Mississippi Department of Environmental Quality  
 Office of Land and Water Resources  
 P.O. Box 2309  
 Jackson, MS 39225  
 (601)961-5210  
 (601)961-5228 (fax)

For Office Use Only:

Aquifer: \_\_\_\_\_  
 Well #: \_\_\_\_\_  
 Elevation: \_\_\_\_\_

County: Leake  
 Permit #: \_\_\_\_\_  
 Driller: Fitzgerald Well Serv  
 Date completed: 5-14-11  
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            | Well Location   |
|-----------------------------------|---|
| Owner Name: <u>Evellyn Jurell</u> | Latitude: <u>31° 22' 33.3"</u> Longitude: <u>90° 19' 2.4"</u> |
| Mailing Address: <u>Ruth Rd.</u>  | Method of Lat/Long (check one): Conventional Survey _____     |
| <u>Ruth MS</u>                    | USGS quad _____ Hand-held GPS _____ Survey-grade GPS _____    |
| City State Zip Code               | _____ 1/4 _____ 1/4 Sec <u>34</u> T. <u>5N</u> R. <u>8E</u>   |
| Telephone No. ( ) _____           | Distance _____ Direction _____ Nearest Town _____             |
|                                   | _____ Miles _____ of _____                                    |

| Pump Type   | Power Type   |
|---|--|
| Circle one  | Circle one   |
| Air Lift <input type="checkbox"/> Jet <input type="checkbox"/> <b>Submersible</b> <input checked="" type="checkbox"/> | Diesel Engine <input type="checkbox"/> Gasoline Engine <input type="checkbox"/> Natural Gas <input type="checkbox"/>         |
| Bucket <input type="checkbox"/> Piston <input type="checkbox"/> Turbine <input type="checkbox"/>                      | <b>Electric Motor</b> <input checked="" type="checkbox"/> Hand <input type="checkbox"/> Tractor PTO <input type="checkbox"/> |
| Centrifugal <input type="checkbox"/> Rotary <input type="checkbox"/> Flowing Well <input type="checkbox"/>            | Windmill <input type="checkbox"/> Other (specify): _____   |
| Other (specify): _____  | Horse Power Rating of Motor: <u>3/4</u>  |
| Date Pump Installed: <u>5-14-11</u>   | Setting Depth: <u>120</u> feet   |
| Rated Pump Capacity: <u>12</u> Gallons Per Minute   | Number of Stages: <u>12</u>  |

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

This is for (circle one): **New Well**  Replacement of Existing Pump  Repair of Existing Pump

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

Brad Fitzgerald 029 Brad Still  
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

Form: OLWR-5100-01 **RECEIVED**

JUN 07 2011  
 BY: OLWR