

# 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: Tate  
Permit #: \_\_\_\_\_  
Driller: James W. Messer  
Date drilling completed: 6-18-07

For Office Use Only:  
Aquifer: \_\_\_\_\_  
Well #: C-260  
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>(Landowner if borehole is not for a water well)                     | Well or Borehole Location  |
|--|--|
| Owner Name: <u>Greg Taylor</u>   | Latitude: <u>34° 46' 179"</u> Longitude: <u>89° 47' 478"</u>                     |
| Mailing Address: <u>County line rd.</u><br><u>On the right-hand side of 5191 County line Rd.</u> | Method of Lat/Long (circle one): Conventional Survey, <u>29</u>                  |
| <u>Caldwater</u> <u>ms.</u> <u>38618</u>   | USGS quad: <u>Hand-held GPS</u> Survey-grade GPS                                 |
| City State Zip Code  | <u>NE</u> 1/4 <u>SE</u> 1/4 Sec <u>1</u> Twn <u>4S</u> Rng <u>6W</u>             |
| Telephone No. <u>(901) 743-0811</u>  | Distance Direction Nearest Town<br><u>2</u> Miles <u>NE</u> of <u>New Garden</u> |

**Well / Borehole Data**

Date drilling started: 6-18-07 Date drilling completed: 6-18-07 Hole depth: 160' Hole diameter: 6 3/4"

Location of the source of any surface water used for drilling: NA

Method of dosing and volume of Chlorine used in drilling and development: NA

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

Name of organization running log(s): NA

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 NA Other (describe) \_\_\_\_\_

Static Water Level: 90 feet above or below (circle one) land surface Date measured: 6-18-07

Method of Measurement (circle one) steel tape electric tape air line other: String Weight

Well depth: 160 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 140 feet Casing diameter: 4 inches Type of casing: pvc

Screen length: 20 feet Screen diameter: 4 inches Type of screen: pvc

Screen slot size: .013 inches Setting depth: From 120 feet to 140 feet

Type of completion (circle all applicable): Gravel packed Underreamed Telescoped Open hole Natural Development

Other (describe): NA

Top of lap pipe or reduction in casing: NA feet. *If telescoped or more than one screen, describe on next page*

Form: OLWR-SWR-1A

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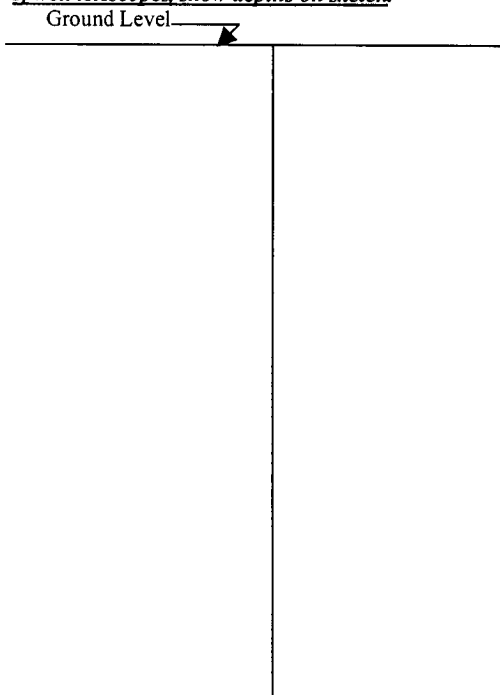
JUN 19 2007

BY: OLWR

C-260

The sketch below only required for water wells

If well telescopes, show depths on sketch.

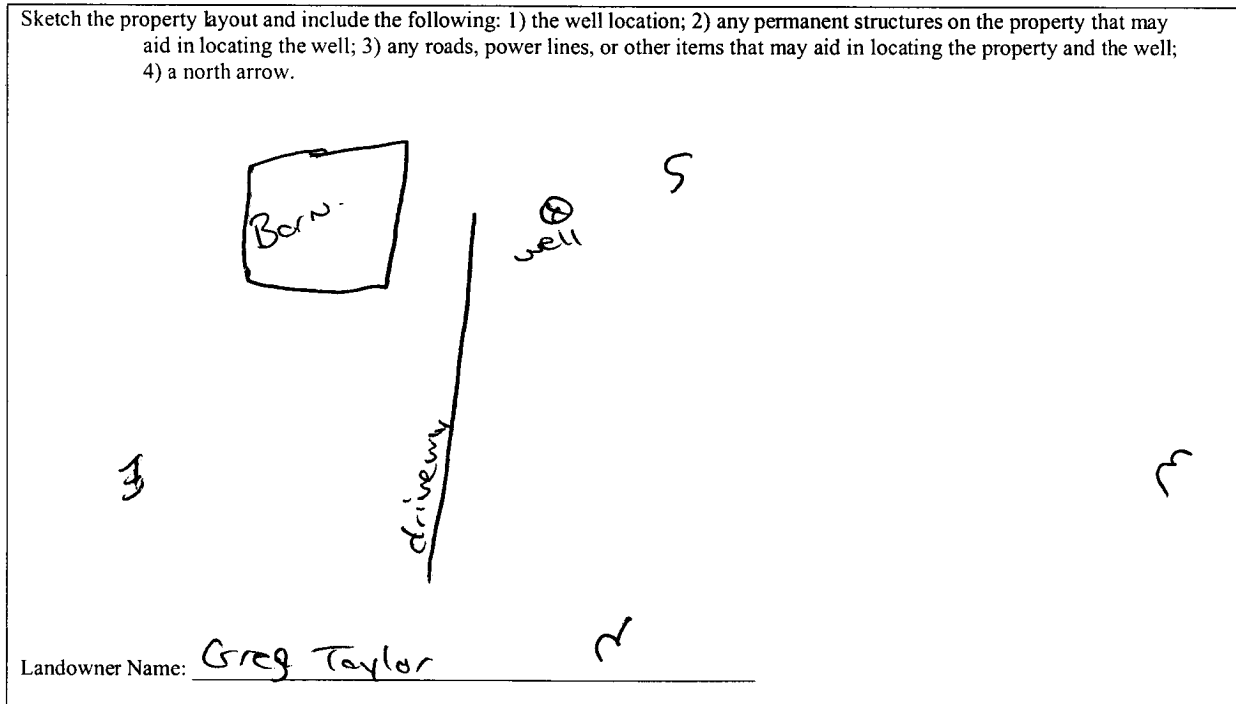


Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

| Description of Formations Encountered | From (depth) | To (depth) |
|---------------------------------------|--------------|------------|
| clay dirt.                            | Ground Level | 10         |
| red sand                              | 10           | 22         |
| gravel                                | 22           | 30         |
| white clay                            | 30           | 45         |
| white sand                            | 45           | 85         |
| white clay                            | 85           | 90         |
| white sand.                           | 90           | 160        |
|                                       |              |            |
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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.



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.

Jones W. Mason 0-620 7-16-07  
Print Name of Responsible Licensee and License No. Date

Jones W. Mason  
Signature of Licensee

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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: Tate  
 Permit #: \_\_\_\_\_  
 Driller: Jones W. Moran  
 Date completed: 6-18-07  
*Copy information from block on Part 1*

**For Office Use Only:**

Aquifer: \_\_\_\_\_  
 Well #: C-260  
 Elevation: \_\_\_\_\_

*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>Greg Taylor</u>                       | Latitude: <u>34.46.679</u> Longitude: <u>89.47.478</u>                                      |
| Mailing Address: <u>county line rd.</u>              | Method of Lat/Long (check one): Conventional Survey _____                                   |
| <u>On the right-hand side of 5191 Countyline Rd.</u> | USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____ |
| <u>Caldwater MS 38618</u>                            | <u>NE 1/4 SE 1/4 Sec 1 T 4S R 6W</u>  |
| City State Zip Code                                  | Distance Direction Nearest Town   |
| Telephone No. <u>(901) 743-0811</u>                  | <u>2</u> Miles <u>NE</u> of <u>new garden</u>   |

| Pump Type<br>Circle one                                  | Power Type<br>Circle one                  |
|--|---|
| Air Lift Jet <input type="checkbox"/> <u>Submersible</u> | Diesel Engine Gasoline Engine Natural Gas |
| Bucket Piston Turbine                                    | <u>Electric Motor</u> Hand Tractor PTO    |
| Centrifugal Rotary Flowing Well                          | Windmill Other (specify): _____           |
| Other (specify): _____                                   | Horse Power Rating of Motor: <u>3/4</u>   |
| Date Pump Installed: <u>6-18-07</u>                      | Setting Depth: <u>110</u> feet            |
| Rated Pump Capacity: <u>12</u> Gallons Per Minute        | Number of Stages: <u>11</u>               |

| Pump Test Data   | Method of Measuring Water Level<br>Circle one           |
|--|---|
| Date Well Tested: <u>6-18-07</u>                           | Air Line Electric Measuring Line Steel Tape             |
| Static Water Level (A): <u>90</u> Feet Below Land Surface  | Other (specify): <u>string weight</u>                   |
| Pumping Water Level (B): <u>NA</u> Feet Below Land Surface | For flowing well, measured shut in head: <u>NA</u> feet |
| Drawdown [(B) - (A)]: <u>NA</u> Feet Below Land Surface    | Well yielded <u>12</u> GPM with a drawdown of           |
| Test Pumping Rate: <u>12</u> Gallons Per Minute            | <u>NA</u> feet after <u>24</u> hours of pumping         |
| Duration of Pump Test (minimum 4 hours): <u>24</u> hours   |   |

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

Jones W. Moran 0-620      Jones W. Moran  
 Print Name of Pump Installer and License No. (if applicable)      Signature of Pump Installer

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 FORM OLWR-SWK-1B  
 JUN 18 2007  
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