

# 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: Tate  
Permit #: \_\_\_\_\_  
Driller: Jones w. Mason  
Date drilling completed: 5-17-10

### For Office Use Only:

Aquifer: D 153  
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>Charlie Coffelt</u>	Latitude: <u>34° 43' 03"</u> Longitude: <u>89° 43' 45"</u>
Mailing Address: <u>Lot #1 Tate Marshall</u> <u>County line rd.</u> <u>Coldwater MS 38618</u> City State Zip Code	Method of Lat/Long (circle one): Conventional Survey, <u>27</u> USGS quad, <u>Hand-held GPS</u> , Survey-grade GPS <u>NE 1/4 SE 1/4 Sec 21 Twn 45 Rng 5W</u>
Telephone No. <u>(662) 895-3829</u>	Distance <u>2</u> Miles Direction <u>NE</u> of Nearest Town <u>Beth</u>

### Well / Borehole Data

Date drilling started: 5-17-10 Date drilling completed: 5-17-10 Hole depth: 175' 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): mt

Purpose of borehole (check one): Water Well  Geotechnical/Geological Investigation \_\_\_\_\_ Ground Source Heat Pump \_\_\_\_\_  
Seismic Survey \_\_\_\_\_ Other (describe) mt

**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 mt Other (describe) \_\_\_\_\_

Static Water Level: 64 feet above or below (circle one) land surface Date measured: 5-17-10

Method of Measurement (circle one) steel tape electric tape air line other: string/weight

Well depth: 175 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 155 feet Casing diameter: 4 inches Type of casing: pvc

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

Screen slot size: 010 inches Setting depth: From 155 feet to 175 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: mt feet. *If telescoped or more than one screen, describe on next page*

Form: OLWR-SWR-1A (04/08)

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**JUN 17 2010**  
**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)

County: Tate  
 Permit #: \_\_\_\_\_  
 Driller: Jones W. Mason  
 Date completed: 5-17-10  
*Copy information from block on Part 1*

**For Office Use Only:**

Aquifer: D153  
 Well #: \_\_\_\_\_  
 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>Charlie Co Ffelt</u>	Latitude: <u>34.431058</u> Longitude: <u>89.431451</u>
Mailing Address: <u>LOT #1 Tate Marshall</u> <u>County line rd.</u>	Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
<u>Caldwater</u> MS <u>38618</u> City State Zip Code	<u>NE 1/4 SE 1/4 Sec 21 T 4S R 5W</u>
Telephone No. <u>(662) - 895-3829</u>	Distance Direction Nearest Town <u>2</u> Miles <u>NE</u> of <u>Bett</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input type="checkbox"/> <u>Submersible</u> <input checked="" type="checkbox"/>	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston <input type="checkbox"/> Turbine <input type="checkbox"/>	<u>Electric Motor</u> <input checked="" type="checkbox"/> Hand <input type="checkbox"/> Tractor PTO <input type="checkbox"/>
Centrifugal Rotary <input type="checkbox"/> Flowing Well <input type="checkbox"/>	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>314</u>
Date Pump Installed: <u>5-17-10</u>	Setting Depth: <u>80</u> feet
Rated Pump Capacity: <u>10</u> Gallons Per Minute	Number of Stages: <u>8</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>5-17-10</u>	Air Line Electric Measuring Line Steel Tape
Static Water Level (A): <u>64</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>10</u> GPM with a drawdown of <u>NA</u> feet after <u>24</u> hours of pumping
Test Pumping Rate: <u>10</u> Gallons Per Minute	
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. Mason 0-620 \_\_\_\_\_  
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

Form: **RECEIVED**  
**JUN 17 2010**  
**BY: OLWR**