

County: DeWitt  
 Permit #: 0-780  
 Driller: Joel Die  
 Date drilling completed: 3-2-09

**State Well Report**  
**Part 1 - Driller's Log**  
 Mississippi Department of Environmental Quality  
 Office of Land and Water Resources  
 P.O. Box 2307  
 Jackson, MS 39225  
 (601)961- 5210  
 (601)961- 5228 (fax)

**For Office Use Only:**  
 Aquifer: \_\_\_\_\_  
 Well #: D-138  
 L. S. Elevation: H140  
 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>Sandra McLeod</u>	Latitude: <u>30° 54' 03" N</u> Longitude: <u>89° 29' 31" W</u>
Mailing Address: <u>119 DeWitt Rd</u>	Method of Lat/Long (circle one): <u>Hand-held GPS</u> Conventional Survey, Survey-grade GPS
City: <u>Medala MS</u> State: <u>MS</u> Zip Code: <u>39452</u>	USGS quad, <u>SW 1/4</u> <u>NE 1/4</u> Sec <u>4</u> Twn <u>15</u> Rng <u>5W</u>
Telephone No. <u>(601) 680-2890</u>	Distance: <u>1 1/2</u> Miles Direction: <u>NE</u> Nearest Town: <u>25 Bushy creek, MS</u>

**Well / Borehole Data**

Date drilling started: 3-2-09 Date drilling completed: 3-2-09 Hole depth: 160 Hole diameter: 4

Location of the source of any surface water used for drilling: Acadia, MS

Method of dosing and volume of Chlorine used in drilling and development: 2000 water 4 gal chl

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: 5 feet above or below (circle one) land surface Date measured: 3-2-09

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

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: Sch 40 Plastic

Screen length: 20 feet Screen diameter: 4 inches Type of screen: Sch 40 - - -

Screen slot size: 10 inches Setting depth: From 0 feet to 160 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*

The sketch below only required for water wells

If well telescopes, show depths on sketch.

Ground Level →

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)	
	Ground Level	
Red sand	0	10
yellow clay	10	40
Red mud	40	70
white clay	70	100
green clay	100	120
yellow sand	120	160

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.

Landowner Name: Sandra McLeod

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

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.

Jael Pien 0-780 3-2-09 Jael Pien  
 Print Name of Responsible Licensee and License No.      Date      Signature of Licensee

RECEIVED  
 03/03/09  
 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: Greene  
 Permit #: 0-780  
 Driller: Joel P.  
 Date completed: 3-2-09  
Copy information from block on Part 1

For Office Use Only:

Aquifer: H140  
 Well #: D-138  
 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>Sandra Melrod</u>	Latitude: <u>30-54-055</u> Longitude: <u>88-29-310</u>
Mailing Address: <u>119 Beigert Rd</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Lumbah MS 39452</u>	USGS quad _____ Hand-held GPS <input checked="" type="checkbox"/> Survey-grade GPS _____
City State Zip Code	<u>SW 1/4 NW 1/4 Sec 4 T 15 R 5W</u>
Telephone No. <u>(601) 680-2890</u>	NE SW Direction Nearest Town
	<u>1 1/2</u> Miles <u>east</u> of <u>Brook Creek, MS</u>

Pump Type Circle one	Power Type 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>2</u>
Date Pump Installed: <u>3-2-09</u>	Setting Depth: <u>100 Deep Pump</u> feet
Rated Pump Capacity: <u>70</u> Gallons Per Minute	Number of Stages: <u>15</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>3-2-09</u>	<u>Air Line</u> Electric Measuring Line Steel Tape
Static Water Level (A): <u>5</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>90</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>2</u> Feet Below Land Surface	Well yielded <u>70</u> GPM with a drawdown of
Test Pumping Rate: <u>70</u> Gallons Per Minute	<u>2</u> feet after <u>48</u> hours of pumping
Duration of Pump Test (minimum 4 hours): <u>48</u> hours	

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

Joel P. 0-780 Signature of Pump Installer  
 Print Name of Pump Installer and License No. (if applicable)

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