

County: Stone  
 Permit #: 0-652  
 Driller: R. Mason  
 Date drilling completed: 3/20/07

**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)

**For Office Use Only:**  
 Aquifer: \_\_\_\_\_  
 Well #: M-51  
 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>David Hickman</u>  | Latitude: _____ Longitude: _____   |
| Mailing Address: <u>175 Pasture Rd.</u>   | Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS |
| <u>Perkinston MS 39573</u>  | _____ 1/4 _____ 1/4 Sec <u>13</u> Twn <u>4S</u> Rng <u>10W</u>                                   |
| City State Zip Code   | Distance _____ Miles Direction <u>East</u> of Nearest Town <u>Perkinston</u>                     |
| Telephone No. <u>(228) 396.5950</u>   |  |

**Well / Borehole Data**

Date drilling started: 3/19/07 Date drilling completed: 3/20/07 Hole depth: 380' Hole diameter: 4' x 2"

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

Method of dosing and volume of Chlorine used in drilling and development: 1/2 lb. per 100 lb 89% chlorine

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

Name of organization running log(s): N/A

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 N/A Other (describe) \_\_\_\_\_

Static Water Level: 90 feet above or below (circle one) land surface Date measured: 3/20/07

Method of Measurement (circle one) steel tape electric tape air line other: Plumb bob

Well depth: 380 Well grouted to a depth of 15 feet Type of grout (circle one):  Neat Cement  Bentonite  Mix

Casing length: 370 feet Casing diameter: 4" x 2" inches Type of casing: PVC

Screen length: 10 feet Screen diameter: 4" x 2" inches Type of screen: PVC

Screen slot size: .006 inches Setting depth: From 370 feet to 380 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: N/A feet. *If telescoped or more than one screen, describe on next page*

Form: OLWR-SWR-1A

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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: Stone  
 Permit #: 0-652  
 Driller: R. Mason  
 Date completed: 3/20/07  
*Copy information from block on Part 1*

**For Office Use Only:**

Aquifer: \_\_\_\_\_  
 Well #: M-51  
 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>David Hickman</u>       | Latitude: _____ Longitude: _____                             |
| Mailing Address: <u>175 Pasture Rd</u> | Method of Lat/Long (check one): Conventional Survey _____    |
| <u>Perkinston MS 39573</u>             | USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____ |
| City State Zip Code                    | _____ ¼ _____ ¼ Sec <u>13</u> T <u>4S</u> R <u>10W</u>       |
| Telephone No. <u>228 396.5950</u>      | Distance Direction Nearest Town                              |
|  | <u>14</u> Miles <u>East</u> of <u>Perkinston</u>             |

| Pump Type<br>Circle one   | Power Type<br>Circle one   |
|---|--|
| Air Lift Jet <input type="radio"/> <u>Submersible</u> <input type="radio"/> | Diesel Engine Gasoline Engine Natural Gas  |
| Bucket Piston <input type="radio"/> Turbine <input type="radio"/>           | <u>Electric Motor</u> <input type="radio"/> Hand <input type="radio"/> Tractor PTO |
| Centrifugal Rotary <input type="radio"/> Flowing Well <input type="radio"/> | Windmill Other (specify): _____  |
| Other (specify): _____  | Horse Power Rating of Motor: <u>1</u>  |
| Date Pump Installed: <u>3/20/07</u>   | Setting Depth: <u>100</u> feet   |
| Rated Pump Capacity: <u>15</u> Gallons Per Minute                           | Number of Stages: <u>14</u>  |

| Pump Test Data   | Method of Measuring Water Level<br>Circle one            |
|--|--|
| Date Well Tested: <u>3/20/07</u>                           | Air Line Electric Measuring Line Steel Tape              |
| Static Water Level (A): <u>90</u> Feet Below Land Surface  | Other (specify): <u>Plumb bob</u>                        |
| Pumping Water Level (B): <u>90</u> Feet Below Land Surface | For flowing well, measured shut in head: <u>N/A</u> feet |
| Drawdown [(B) - (A)]: <u>0</u> Feet Below Land Surface     | Well yielded <u>15</u> GPM with a drawdown of            |
| Test Pumping Rate: <u>15</u> Gallons Per Minute            | <u>0</u> feet after <u>4</u> hours of pumping            |
| Duration of Pump Test (minimum 4 hours): <u>4</u> hours    |  |

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

Ronald D. Mason 0-652 Ronald D. Mason  
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

Form: OLWR-SWR-1B

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