

County: Marshall 093  
 Permit #: \_\_\_\_\_  
 Driller: Jones W. Mason  
 Date drilling completed: 3-6-05

**Well Driller Report and Well 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 #: H-189  
 L. S. Elevation: \_\_\_\_\_  
 E-log #: \_\_\_\_\_

*Mason Water Wells 42C*

State Law requires that this report be prepared by the driller in detail and filed with the Department within 30 days of completion of drilling of the well.

|   |  |   |                               |
|---|--|---|-------------------------------|
| Well Owner Information                                    |  | Well Location   |                               |
| Owner Name <u>Ed Hewelett</u>                             |  | Latitude: <u>34.47.284</u>  | Longitude: <u>089.043.107</u> |
| Mailing Address: <u>903 Watson rd.</u>                    |  | Method of Lat/Long (circle one): <u>13</u> Conventional Survey, <u>06</u>                   |                               |
| City <u>Byhalia</u> State <u>MS</u> Zip Code <u>38611</u> |  | USGS quad, <u>(Hand-held GPS)</u> Survey-grade GPS  |                               |
| Telephone No. <u>(662) 333-4214</u>                       |  | <u>NE</u> 1/4 NW 1/4 Sec <u>34</u> Twn <u>35</u> Rng <u>5w</u>                              |                               |
|   |  | Distance <u>1 1/16</u> Miles Direction <u>E</u> of Nearest Town <u>County line (Desoto)</u> |                               |

Well Data

Purpose of Well (circle one) Home Industrial Public Supply Irrigation Fish Culture Other: \_\_\_\_\_

Date well drilling started: 3-6-05 Date well drilling completed: 3-6-05

If flowing, method of flow regulation: Valve NA Other (describe): \_\_\_\_\_

Static Water Level: 80 feet above or below (circle one) land surface Date measured: 3-11-05

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

Hole depth: 140' Well depth: 130' Well grouted to a depth of 10 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 120' feet Casing diameter: 4 inches Type of casing: pvc

Screen length: 10 feet Screen diameter: 4 inches Type of screen: pvc

Screen slot size: 5/16 inches Setting depth: From 120 feet to 130 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: NA feet. If telescoped or more than one screen, describe on back of page

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

Name of organization running log(s): \_\_\_\_\_

I certify that the well was drilled, constructed, and completed in accordance with all applicable requirements of the Mississippi Department of Environmental Quality and/or the Mississippi Department of Health regulations and state laws.

Jones W. Mason 0-620  
 Print Name of Water Well Contractor and License No.

Jones W. Mason  
 Signature of Water Well Contractor

If well telescopes please sketch below and show depths.

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 -MAR 31 2005  
 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 10631  
Jackson, MS 39289-0631  
(601)961-5210  
(601)354-6938 (fax)

For Office Use Only:

Aquifer: \_\_\_\_\_

Well #: H-189

Elevation: \_\_\_\_\_

County: Marshall

Permit #: \_\_\_\_\_

Driller: Jones w. Masor

Date completed: 3-11-05

This report should be prepared by the pump installer in detail and filed with the Department within 30 days of the installation of pump.

| Well Owner Information                 | Well Location   |
|--|---|
| Owner Name: <u>Ed Hewelett</u>         | Latitude: <u>31.47.224</u> Longitude: <u>89.043.107</u> |
| Mailing Address: <u>903 Watson rd.</u> | Method of Lat/Long (circle one): Conventional Survey.   |
| <u>Byhalia MS 38611</u>                | USGS quad, <u>Hand-held GPS</u> , Survey-grade GPS      |
| City State Zip Code                    | <u>NW 1/4 NW 1/4 Sec 34 Twn 3S Rng 5W</u>               |
| Telephone No. <u>(662) 333 4214</u>    | Distance Direction Nearest Town                         |
|  | <u>1/16</u> Miles <u>E</u> of <u>Desoto county line</u> |

| Pump Type<br>Circle one  | Power Type<br>Circle one  |
|--|---|
| Air Lift Jet <input checked="" type="radio"/> <u>Submersible</u> | Diesel Engine Gasoline Engine Natural Gas                               |
| Bucket Piston Turbine  | <input checked="" type="radio"/> <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>3-11-05</u>                              | Setting Depth: <u>100</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>3-11-05</u>                           | Air Line Electric Measuring Line Steel Tape             |
| Static Water Level (A): <u>80</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. Masor  
Print Name of Pump Installer and License No. (if applicable)

Jones w. Masor  
Signature of Pump Installer

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MAR 31 2005

BY: OLWR