

County: Benton
 Permit #: _____
 Driller: Jones W. Meser
 Date drilling completed: 2-3-06

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 #: C-41
 L. S. Elevation: A55
 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>MR King</u> | Latitude: <u>34° 57' 14"</u> Longitude: <u>89° 19' 28"</u> |
| Mailing Address: <u>327 Wilburn rd.</u> | Method of Lat/Long (circle one): <u>Hand-held GPS</u> Conventional Survey |
| <u>Michigan city MS. 38647</u> | USGS quad: <u>SW SE 1/4 NW 1/4 Sec B5 Twn 1S Rng 2W</u> |
| City State Zip Code | Distance: <u>3 1/2</u> Miles Direction: <u>NE</u> of Nearest Town: <u>Slayden</u> |
| Telephone No. <u>(901) 412-9150</u> | |

Well / Borehole Data

Date drilling started: 2-3-06 Date drilling completed: 2-3-06 Hole depth: 170' Hole diameter: 8"

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

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

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 NA Other (describe) _____

Static Water Level: 100 feet above below (circle one) land surface Date measured: 2-3-06

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

Well depth: 170 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 160 feet Casing diameter: 4 inches Type of casing: pvc

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

Screen slot size: 010 inches Setting depth: From 160 feet to 170 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 next page*

Form: OLWR-SWR-1A

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 BY: CL79

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) |
|---------------------------------------|--------------|------------|
| Clay dirt | Ground Level | 22- |
| White sand | 22 | 98' |
| white clay | 98 | 100 |
| white sand | 100 | 170 |
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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.

Landowner Name: Mr. King.

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.

Print Name of Responsible Licensee and License No. James W. Mason 0-620 Date 2-27-06

Signature of Licensee

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BY OLWR

Benton

STATE WELL REPORT

County: Marshall
 Permit #: _____
 Driller: Jones w. Masou
 Date completed: 2-3-06
Copy information from block on Part 1

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: ASS
 Well #: ~~6-11~~
 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>MR King</u> | Latitude: <u>34.57.065</u> Longitude: <u>89.19.465</u> |
| Mailing Address: <u>327 Wilburn rd.</u> | Method of Lat/Long (check one): Conventional Survey <u>04</u> <u>28</u> |
| <u>Michigan City, MS 38647</u> | USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____ |
| City State Zip Code | <u>SE 1/4 Sec 35 T 13 R 20</u> |
| Telephone No. (<u>901</u>) <u>412-9150</u> | Distance <u>SE</u> Direction <u>32</u> Nearest Town <u>1 W</u> |
| | <u>3 1/2</u> Miles <u>NE</u> of <u>Sloyden</u> |

| Pump Type Circle one | Power Type Circle one |
|--|--|
| Air Lift Jet <input type="checkbox"/> Submersible <input checked="" type="checkbox"/> | Diesel Engine Gasoline Engine Natural Gas |
| Bucket Piston Turbine | Electric Motor <input checked="" type="checkbox"/> Hand Tractor PTO |
| Centrifugal Rotary Flowing Well | Windmill Other (specify): _____ |
| Other (specify): _____ | Horse Power Rating of Motor: <u>1 1/2</u> |
| Date Pump Installed: <u>2-3-06</u> | Setting Depth: <u>140'</u> feet |
| Rated Pump Capacity: <u>20</u> Gallons Per Minute | Number of Stages: <u>14</u> |

| Pump Test Data | Method of Measuring Water Level Circle one |
|--|---|
| Date Well Tested: <u>2-3-06</u> | Air Line Electric Measuring Line Steel Tape |
| Static Water Level (A): <u>100</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>20</u> GPM with a drawdown of |
| Test Pumping Rate: <u>20</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. Masou
 Print Name of Pump Installer and License No. (if applicable)

Jones w. Masou
 Signature of Pump Installer

Form **OLWR-SWR-1B**

MAR 02 2006
 BY: OLWR