

County: Oesoto
 Permit #: _____
 Driller: Jones W. Masan
 Date drilling completed: 6-13-07

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-236
 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>Shane Hughes</u> | Latitude: <u>34° 48' 43"</u> Longitude: <u>89° 50' 03"</u> |
| Mailing Address: <u>LOT 10 Allen farms</u> <u>Kerri Ruth</u> | Method of Lat/Long (circle one): Conventional Survey, <u>43</u> <u>02</u> |
| <u>Hernando MS 38632</u> | USGS quad, <u>(Hand-held GPS)</u> Survey-grade GPS |
| City State Zip Code | <u>SW 1/4 SW 1/4 Sec 22 Twn 3S Rng 6W</u> |
| Telephone No. <u>(901) 497-6302</u> | Distance Direction Nearest Town <u>1 Miles W of Jackson</u> |

Well / Borehole Data

Date drilling started: 6-13-07 Date drilling completed: 6-13-07 Hole depth: 120' 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): NA

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: 30 feet above or (below) (circle one) land surface Date measured: 6-13-07

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

Well depth: 120 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement (Bentonite) Mix

Casing length: 110 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 110 feet to 120 feet

Type of completion (circle all applicable): (Gravel packed) Underreamed Telescoped Open hole Natural Development
 Other (describe): NA

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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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: Desoto
 Permit #: _____
 Driller: James W. Mason
 Date completed: 6-13-07
Copy information from block on Part 1

For Office Use Only:

Aquifer: _____
 Well #: M-236
 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>Shone Hughes</u> | Latitude: <u>34.48.749</u> Longitude: <u>89.50.034</u> |
| Mailing Address: <u>LOT 10 Allen Farms</u> | Method of Lat/Long (check one): Conventional Survey _____, |
| <u>Kerri Ruth</u> | USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____ |
| <u>Hernando MS 38632</u> | <u>SW 1/4 SW 1/4 Sec 22 T 35 R 6W</u> |
| City State Zip Code | Distance Direction Nearest Town |
| Telephone No. <u>(901) 497-6302</u> | <u>1</u> Miles <u>W</u> of <u>COCKRUM</u> |

| Pump Type Circle one | Power Type Circle one |
|---|--|
| Air Lift Jet <input checked="" type="radio"/> Submersible | Diesel Engine Gasoline Engine Natural Gas |
| Bucket Piston Turbine | <input checked="" type="radio"/> Electric Motor Hand Tractor PTO |
| Centrifugal Rotary Flowing Well | Windmill Other (specify): _____ |
| Other (specify): _____ | Horse Power Rating of Motor: <u>1.12</u> |
| Date Pump Installed: <u>6-13-07</u> | Setting Depth: <u>60</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>6-13-07</u> | Air Line Electric Measuring Line Steel Tape |
| Static Water Level (A): <u>30</u> Feet Below Land Surface | Other (specify): <u>stray 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.

James W. Mason 0-620
 Print Name of Pump Installer and License No. (if applicable)

James W. Mason
 Signature of Pump Installer

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