

STATE WELL REPORT

Part 1

Driller's Log

Mississippi Department of Environmental Quality
Office of Land and Water Resources
P.O. Box 2309
Jackson, MS 39225-2309
(601)961-5210
(601)360-0535 (fax)

For Office Use Only:

Well #: A 169
Aquifer: _____
E-Log #: _____

County: LeFlore
Permit #: MS-6W-44517
Driller: Tommy Peacock
Date drilling completed: 4/18/13

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.

Well Owner Information (Landowner if borehole is not for a water well)	Well or Borehole Location
Owner Name: <u>Thomas J Mahan</u>	Latitude: <u>33.4704</u> Longitude: <u>90 26 46</u>
Mailing Address: <u>18 Freedom Farm Rd</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Drew</u> <u>MS</u> <u>38737</u>	USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
City State Zip Code	<u>SW</u> $\frac{1}{4}$ <u>SW</u> $\frac{1}{4}$, Sec <u>07</u> T <u>22N</u> R <u>02W</u>
Telephone No. <u>(662) 299-8780</u>	_____ Miles _____ of _____ (Distance) (Direction) (Nearest Town)

Well / Borehole Data	
Date drilling started: <u>4/18/13</u> Date drilling completed: <u>4/18/13</u> Hole depth: <u>125'</u> Hole diameter: <u>28"</u>	
Location of the source of any surface water used for drilling: <u>Ditch 1 mile east of new well</u>	
Method of dosing and volume of Chlorine used in drilling and development: <u>Chlorinated in tank</u>	
Logs run (circle all applicable): <input checked="" type="checkbox"/> No log run <input type="checkbox"/> Electric <input type="checkbox"/> Gamma Ray <input type="checkbox"/> Density <input type="checkbox"/> Sonic <input type="checkbox"/> Neutron Other: _____	
Name of organization running log(s): _____	
Purpose of borehole (circle one): <input checked="" type="checkbox"/> Water Well <input type="checkbox"/> Geotechnical/Geological Investigation <input type="checkbox"/> Ground Source Heat Pump	
<input type="checkbox"/> Seismic Survey <input type="checkbox"/> Other (describe) _____	
<i>If drilling is not related to water well construction, skip the remainder of this block</i>	
Purpose of Well (circle all applicable): Home Industrial Public Supply <input checked="" type="checkbox"/> Irrigation <input type="checkbox"/> Fish Culture	
Other (describe): _____	
If a flowing well, method of flow regulation: Valve _____ Other (describe) _____	
Static Water Level: <u>42'</u> feet [above or <input checked="" type="checkbox"/> below] land surface Date measured: <u>4/18/13</u> (circle one)	
Method of measurement (circle one): <input checked="" type="checkbox"/> Steel tape <input type="checkbox"/> Electric tape <input type="checkbox"/> Air line Other (describe): _____	
Well depth: <u>125'</u> Well grouted to a depth of: <u>10'</u> feet Type of grout (circle one): Neat Cement <input checked="" type="checkbox"/> Bentonite <input type="checkbox"/> Mix	
Casing length: <u>85'</u> feet Casing diameter: <u>16"</u> inches Type of casing: <u>PVC</u>	
Screen length: <u>40'</u> feet Screen diameter: <u>16"</u> inches Type of screen: <u>PVC</u>	
Screen slot size: <u>1.50"</u> inches Setting depth: From <u>85'</u> feet to <u>125'</u> feet	
Type of completion (circle all applicable): <input checked="" type="checkbox"/> Gravel packed <input type="checkbox"/> Underreamed <input type="checkbox"/> Open hole <input type="checkbox"/> Natural Development	
Other (describe): _____	
Top of lap pipe or reduction in casing: _____ feet	

If telescoped or more than one screen, describe on next page

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BY: OLWR

County: Leflore

Permit #: MS-GW-44517

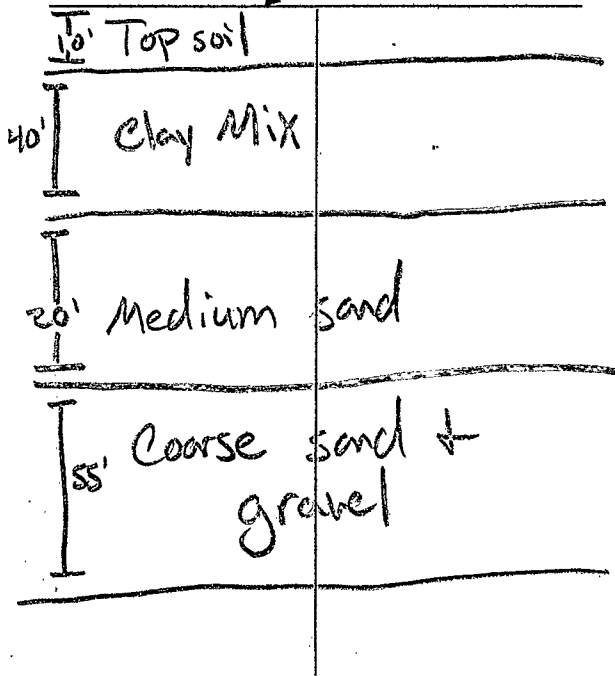
For Office Use Only:

Well #: _____

The sketch below only required for water wells

If well telescopes, show depths on sketch.

Ground Level \rightarrow



Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

Description of Formations Encountered	From (depth) Ground level	To (depth)
Top soil	Ground level	10'
Clay Mix	10'	50'
Medium sand	50'	70'
Coarse sand & gravel	70'	125'

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) north arrow

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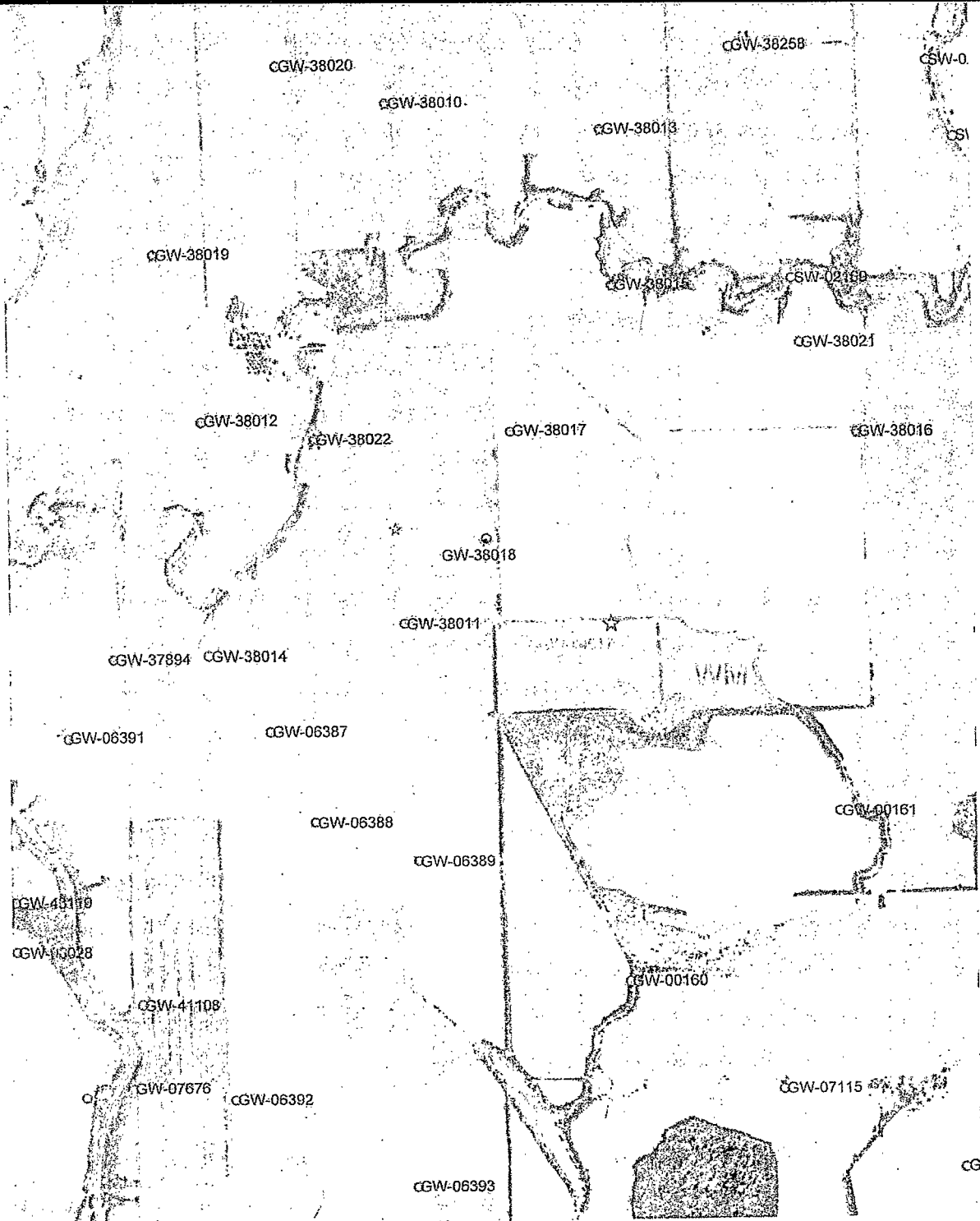
Landowner Name: _____

I HEREBY 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.

Tommy Peacock Sr #3409
Print Name of Responsible Licensee and License No.

5-9-13
Date

Tommy Peacock Sr
Signature of Licensee



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STATE OF MISSISSIPPI

Department of Environmental Quality

Office of Land and Water Resources

P. O. Box 2309

Jackson, Mississippi 39225

PERMIT

TO DIVERT OR WITHDRAW FOR BENEFICIAL USE THE PUBLIC WATERS

This permit is issued to the landowner named below in accordance with the provisions of the Mississippi Water Laws, Mississippi Code Sections 51-3-1, et seq.(1972, as amended), and the regulations and standards as promulgated thereunder. Whether or not specifically named in this permit or in the applications for this permit, anyone using water from the diversion/withdrawal point described below shall do so in compliance with the provisions of this permit. Neither this permit, nor any authority conferred hereby, may be sold, conveyed, encumbered, assigned, or otherwise aliened, for any period of time or under any conditions whatsoever. This permit may not be modified, transferred or revoked without prior action by the Permit Board. Any attempts to modify, transfer or revoke this permit, or to take any other action on this permit, shall be invalid and unenforceable and may result in immediate revocation or suspension of this permit. The holder of this permit shall at all times be responsible for adherence to the terms and conditions of this permit. No agreement between the permit holder and any other party shall affect the obligations and liabilities of the permit holder. Water use under this permit is allowed only when the streamflow, lake level elevation, or static groundwater level (whichever, if any, is applicable) is above the established minimum, pursuant to Mississippi Code Section 51-3-7. Authorization is hereby granted to divert/withdraw water for the beneficial use designated herein, and for no other purpose, subject to the following terms, conditions, and limitations:

Permit Number: MS-GW-44517

Landowner Name: MAHAN, THOMAS J

Landowner Address: 18 FREEDOM FARM ROAD
DREW MS 38737

Source Of Water: MISSISSIPPI RIVER VALLEY ALLUVIAL AQUIFER

Beneficial Use: IRRIGATION WILDLIFE MANAGEMENT

Diversion/Withdrawal Location: SW 1/4 of the SW 1/4 **Section:** 07 **Township:** 22N **Range:** 02W

County: LEFLORE

Quad: BROOKS

Maximum Volume: 353 Acre-Feet/Year *equivalent to* .3151 Million Gallons/Day

Maximum Rate: 2500 Gallons/Minute

Applicant Name: BROOKS FARMS

Applicant Address: 28052 COUNTY ROAD 559
SCHLATER MS 38952

Date Permit Issued: 11/08/2010

Date Permit Expires: 11/08/2020

Date Permit Modified:

Date Permit Re-issued:

This permit shall be deemed null and void if construction has not begun within one (1) year of permit issue date

SPECIAL TERMS AND CONDITIONS: NONE

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Sam Mabry
Office Director