

County: Sunflower
 Permit #: MS-GW-44011
 Driller: Tommy Parock Sr
 Date drilling completed: 10-24-11

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
 (601)961-5210
 (601)961-5228 (fax)

For Office Use Only:
 Aquifer: _____
 Well #: F196
 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.

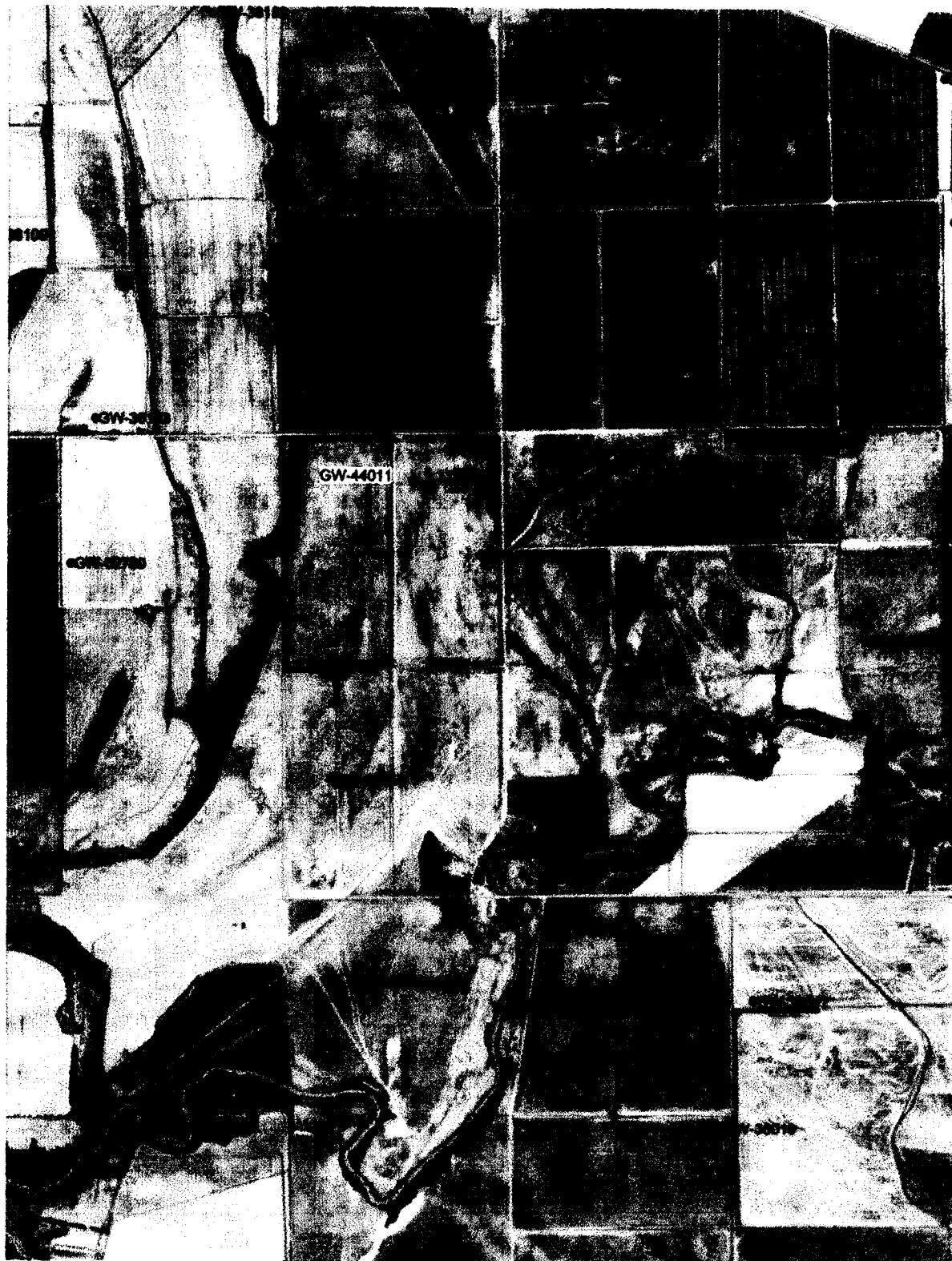
Information on Well Owner (Landowner if borehole is not for a water well) Owner Name: <u>Thomas J. Mahon</u> Mailing Address: <u>18 Freedom Farm Rd.</u> <u>Drew</u> <u>MS</u> <u>38737</u> City State Zip Code Telephone No. <u>(662) 299-8780</u>		Well or Borehole Location Latitude: <u>N33° 48' 48.21"</u> Longitude: <u>W90° 42' 9.44"</u> Method of Lat/Long (circle one): Conventional Survey, USGS quad, <u>(Hand-held GPS)</u> Survey-grade GPS <u>NW 1/4 NW 1/4 Sec 01 Twn 22N Rng 03W</u> Distance Direction Nearest Town <u>3</u> Miles <u>East</u> of <u>Drew</u>
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Well / Borehole Data

Date drilling started: 10-24-11 Date drilling completed: 10-24-11 Hole depth: 119' Hole diameter: 28"
 Location of the source of any surface water used for drilling: River close to well site
 Method of dosing and volume of Chlorine used in drilling and development: passed as tank or filled up.
 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 _____ Other (describe) _____
 Static Water Level: 42' feet above or below (circle one) land surface Date measured: 10-24-11
 Method of Measurement (circle one) steel tape electric tape air line other: _____
 Well depth: 119' Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix
 Casing length: 79' feet Casing diameter: 16" inches Type of casing: PVC
 Screen length: 40' feet Screen diameter: 16" inches Type of screen: PVC
 Screen slot size: .035 inches Setting depth: From 79' feet to 119' 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: _____ feet. *If telescoped or more than one screen, describe on next page*

Form: OLWR-SWR-1A (04/08)

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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-44011

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

Diversion/Withdrawal Location: NW 1/4 of the NW 1/4

Section: 01 **Township:** 22N **Range:** 03W

County: SUNFLOWER

Quad: BROOKS

Maximum Volume: 240 Acre-Foot/Year *equivalent to* .2142 Million Gallons/Day

Maximum Rate: 2500 Gallons/Minute

Applicant Name: BROOKS FARM

Applicant Address: 28052 COUNTY ROAD 559

SCHLATER

MS 38952

Date Permit Issued: 09/27/2010

Date Permit Expires: 09/27/2020

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:

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NOV 2 1 2011


Sam Mabry
Office Director

BY: OLWR