

WELL # 8

# 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 #: T189  
Aquifer: \_\_\_\_\_  
E-Log #: \_\_\_\_\_

County: Sunflower  
Permit #: 6W-49193  
Driller: J. Newcome 0.773  
Date drilling completed: 5/6/16

*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 <i>(Landowner if borehole is not for a water well)</i>			Well or Borehole Location	
Owner Name: <u>Japhlet LP</u>			Latitude: <u>33° 18' 52"</u> Longitude: <u>090° 39' 19"</u>	
Mailing Address: <u>P.O. Box 657</u>			Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____	
<u>Belzoni</u> City	<u>MS</u> State	<u>39038</u> Zip Code	<u>NE 1/4 NW 1/4, Sec 19 T 17 N R 8 W</u>	
Telephone No. ( ) _____			<u>4.6</u> Miles (Distance)	<u>NE</u> of <u>INVERNESS, MS</u> (Direction) (Nearest Town)

Well / Borehole Data	
Date drilling started: <u>5-6-16</u>	Date drilling completed: <u>5-6-16</u> Hole depth: <u>122</u> Hole diameter: <u>24</u>
Location of the source of any surface water used for drilling: <u>ditch</u>	
Method of dosing and volume of Chlorine used in drilling and development: <u>chlorine</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 <input type="checkbox"/> 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 <input type="checkbox"/> Industrial <input type="checkbox"/> Public Supply <input type="checkbox"/> <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: _____ feet [above or below] land surface Date measured: _____ (circle one)	
Method of measurement (circle one): Steel tape <input type="checkbox"/> Electric tape <input type="checkbox"/> Air line <input type="checkbox"/> Other (describe): _____	
Well depth: <u>120</u> Well grouted to a depth of: <u>10</u> feet Type of grout (circle one): Neat Cement <input type="checkbox"/> <input checked="" type="checkbox"/> Bentonite Mix	
Casing length: <u>60</u> feet	Casing diameter: <u>16</u> inches Type of casing: <u>P.V.C.</u>
Screen length: <u>60</u> feet	Screen diameter: <u>16</u> inches Type of screen: <u>P.V.C.</u>
Screen slot size: <u>.050</u> inches	Setting depth: From <u>60</u> feet to <u>120</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*



T189

**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-49193

**Landowner Name:** JAPHLET LP

**Landowner Address:** PO BOX 657

BELZONI

MS 39038

**Source Of Water:** MISSISSIPPI RIVER VALLEY ALLUVIAL AQUIFER

**Beneficial Use:** IRRIGATION

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

**Section:** 19 **Township:** 17N

**Range:** 04W

**County:** SUNFLOWER

**Quad:** KINLOCK

**Maximum Volume:** 95 Acre-Feet/Year *equivalent to* .0848 Million Gallons/Day

**Maximum Rate:** 1200 Gallons/Minute

**Applicant Name:** JAPHLET LP

**Applicant Address:** PO BOX 657

BELZONI

MS 39038

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**Date Permit Issued:** 11/20/2015

**Date Permit Expires:** 11/20/2020

**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:** SEE ATTACHMENT 1, WHICH IS HEREBY DECLARED TO BE PART OF THIS PERMIT.

**SPECIAL TERMS AND CONDITIONS 2:**



Gary C. Rikard, Executive Director  
Mississippi Department of Environmental Quality

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**ATTACHMENT 1**  
**Special Terms and Conditions**  
**Groundwater Permit**

**Withdrawal from Mississippi River Valley Alluvial Aquifer**

1. The following volumes of groundwater are authorized to be applied to assigned acreage depending on the particular beneficial use(s) and/or crop(s) grown for any year:

- ✓ For all types of row crops, no more than 1.5 acre-feet per acre per year (AF/yr);
- ✓ For rice, no more than 3.0 AF/yr;
- ✓ For all types of aquaculture (excluding fingerlings), no more than 5.0 AF/yr;
- ✓ For aquaculture involving fingerlings, no more than 7.0 AF/yr; and
- ✓ For wildlife habitat enhancement (management), no more than 1.0 AF/yr.

*Example 1:* If a rotation of soybeans and rice are grown on a 100 acre field, the permitted volume of water would be 150 AF/yr for years when beans are grown and 300 AF/yr for those years when rice is grown. {100 acres of soybeans times 1.5 AF/yr = 150 AF/yr; 100 acres of rice times 3.0 AF/yr = 300 AF/yr}

2. The permitted volume each year is cumulative depending on all applicable beneficial uses.

*Example 2:* If rice is grown on a 100 acre field and later flooded for wildlife enhancement, the permitted volume of water would be 400 AF/yr. {100 acres of rice times 3.0 AF/yr plus 100 acres of wildlife enhancement times 1.0 AF = 400 AF/yr}.

3. The intended permitted volume of water applied to an assigned acreage for a particular beneficial use or crop type cannot be exceeded regardless of whether or not multiple water sources are used. Conjunctive use of available water resources (involving both groundwater and surface water) is encouraged.

*Example 3:* If a water well and a surface water intake are used conjunctively to flood a 100 acre rice field, the cumulative permitted volume of water cannot exceed 300 AF/yr regardless of what proportion is pumped from which source. The same principle holds if multiple wells are used to cover an assigned acreage.

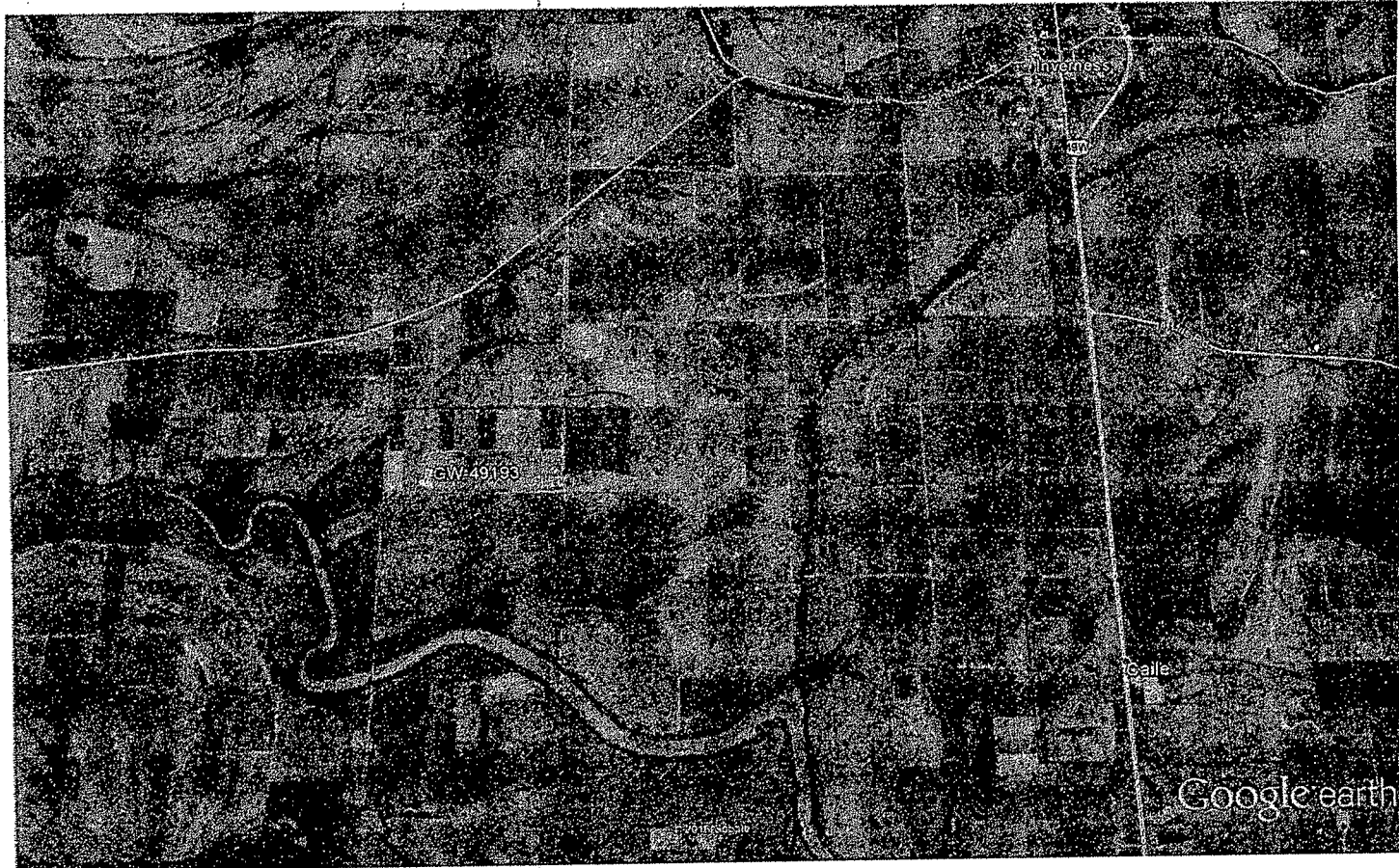
4. Special terms and conditions of the permit include a 3-year deadline for installing either of the following:

- a. a minimum level of acceptable conservation measures **or**
- b. an approved flow meter. (See *Acceptable Water Conservation Practices*)

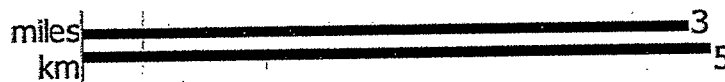
5. Applicants who choose to install a flow meter rather than implement conservation measures will be required to report annual water use by February 1st of each year to meet these special terms and conditions.

6. Within 3 years of permit issuance, permittees must submit documentation of compliance regarding the implementation of a minimum level of acceptable conservation practices **or** the installation of a flow meter. Failure to comply with the intent of these provisions will result in the automatic **revocation** of groundwater withdrawal permits.

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