

County: Jackson
 Permit #: 0-780
 Driller: Joel Pious
 Date drilling completed: 5-21-10

State Well Report
Part 1 - Driller's Log
 Mississippi Department of Environmental Quality
 Office of Land and Water Resources
 P.O. Box 2307
 Jackson, MS 39225
 (601)961-5210
 (601)961-5228 (fax)

For Office Use Only:
 Aquifer: B90
 Well #: _____
 L.S. Elevation: _____
 Enc #: _____

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>Ed Enzgal</u>	Latitude: <u>30° 40' 09.7"</u> Longitude: <u>88° 41' 40.1"</u>
Mailing Address: <u>172 Old Lane Rd</u>	Method of Lat Long (circle one): <u>Conventional Survey</u>
<u>Vandenberg MS 39452</u>	USGS quad: <u>500</u> <u>NE</u> <u>30</u> <u>45</u> <u>70</u>
City: _____ State: _____ Zip Code: _____	Distance: <u>10</u> Miles Direction: <u>North</u> of <u>Vandenberg, MS</u>
Telephone No: <u>228-218-1074</u>	

Well / Borehole Data

Date drilling started: 5-20-10 Date drilling completed: 5-21-10 Hole depth: 250 Hole diameter: 4 inch

Location of the source of any surface water used for drilling: Aquifer, MS

Method of dosing and volume of Chlorine used in drilling and development: 200 water 40gal chlor

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: 5 feet above or below (circle one) land surface Date measured: 5-22-10

Method of Measurement (circle one) steel tape electric tape air line other: _____

Well depth: 250 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 230 feet Casing diameter: 4 inches Type of casing: Sch 40 Plastic

Screen length: 20 feet Screen diameter: 4 inches Type of screen: Sch 40 Plastic

Screen slot size: 10 inches Setting depth: From 0 feet to 250 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 (04/0)

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STATE WELL REPORT

B90

Part 2

Pump Installer's Completion Report
 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)

County: Jackson
 Permit #: 0-780
 Driller: Joel Pirel
 Date completed: 5-22-10
Copy information from block on Part 1

For Office Use Only:

Aquifer: _____
 Well #: _____
 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>Ed Engel</u>	Latitude: <u>30-40-097</u> Longitude: <u>98-41-401</u>
Mailing Address: <u>172 Old River Rd</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Vandean</u> <u>MS</u> <u>39452</u>	USGS quad _____ Hand-held GPS <input checked="" type="checkbox"/> Survey-grade GPS _____
City State Zip Code	<u>SW</u> $\frac{1}{4}$ <u>NE</u> $\frac{1}{4}$ Sec <u>20</u> T <u>45</u> R <u>7W</u>
Telephone No. <u>(228) 218-1074</u>	Distance Direction Nearest Town
	<u>10</u> Miles <u>north</u> of <u>Vandean, MS</u>

Pump Type Circle one	Power Type Circle one
Air Lift <input type="checkbox"/>	Diesel Engine <input type="checkbox"/>
Submersible <input checked="" type="checkbox"/>	Gasoline Engine <input type="checkbox"/>
Bucket <input type="checkbox"/>	Electric Motor <input checked="" type="checkbox"/>
Piston <input type="checkbox"/>	Hand <input type="checkbox"/>
Turbine <input type="checkbox"/>	Natural Gas <input type="checkbox"/>
Centrifugal <input type="checkbox"/>	Tractor PTO <input type="checkbox"/>
Rotary <input type="checkbox"/>	Windmill <input type="checkbox"/>
Flowing Well <input type="checkbox"/>	Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>3hp</u>
Date Pump Installed: <u>5-22-10</u>	Setting Depth: <u>200 Drop Pipe</u> feet
Rated Pump Capacity: <u>30</u> Gallons Per Minute	Number of Stages: <u>10</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>5-22-10</u>	<input checked="" type="checkbox"/> Air Line <input type="checkbox"/> Electric Measuring Line <input type="checkbox"/> Steel Tape
Static Water Level (A): <u>5</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>160</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>5</u> Feet Below Land Surface	Well yielded <u>30</u> GPM with a drawdown of
Test Pumping Rate: <u>30</u> Gallons Per Minute	<u>5</u> feet after <u>48</u> hours of pumping
Duration of Pump Test (minimum 4 hours): <u>48</u> hours	

I HEREBY CERTIFY that the above statements are true to the best of my knowledge.

Joel Pirel 0-780 **RECEIVED**
JUN 21 2010

Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

Form: OLWR-SWR-1B (04/08)
BY: OLWR