

County: Jackson  
 Permit #: 0-780  
 Driller: W. Gael Pierce  
 Date drilling completed: 11-24-07

**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 #: F-376  
 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>Charles English</u>	Latitude: <u>88° 41' 24"</u> Longitude: <u>90° 35' 26"</u>
Mailing Address: <u>Spring Lake Drive</u>	Method of Lat/Long (circle one): <u>Hand-held GPS</u> Conventional Survey, <u>47</u>
<u>Vicksburg</u> <u>ms</u> <u>39562</u>	USGS quad, <u>Hand-held GPS</u> Survey-grade GPS
City State Zip Code	<u>NW 1/4 SW 1/4 Sec 21</u> Twn <u>55</u> Rng <u>7W</u>
Telephone No. <u>(228) 366-6054</u>	Distance Direction Nearest Town <u>6</u> Miles <u>west</u> of <u>Wade, ms</u>
Well / Borehole Data	
Date drilling started: <u>11-24</u> Date drilling completed: <u>11-24</u> Hole depth: <u>280</u> Hole diameter: <u>2</u>	
Location of the source of any surface water used for drilling: <u>Aquifer, ms</u>	
Method of dosing and volume of Chlorine used in drilling and development: <u>200 water 4 gal chlorine</u>	
Logs run (circle all applicable): <u>No log run</u> Electric Gamma Ray Density Sonic Neutron Other: _____	
Name of organization running log(s): _____	
Purpose of borehole (check one): Water Well <input checked="" type="checkbox"/> Geotechnical/Geological Investigation _____ Ground Source Heat Pump _____	
Seismic Survey _____ Other (describe) _____	
<i>If drilling is not related to water well construction, skip the remainder of this block</i>	
Purpose of Well (check one): Home <input checked="" type="checkbox"/> Industrial _____ Public Supply _____ Irrigation _____ Fish Culture _____ Other: _____	
If a flowing well, method of flow regulation: Valve _____ Other (describe) _____	
Static Water Level: <u>5</u> feet above or below (circle one) land surface Date measured: <u>11-24-07</u>	
Method of Measurement (circle one) steel tape electric tape <u>air line</u> other: _____	
Well depth: <u>280</u> Well grouted to a depth of <u>10</u> feet Type of grout (circle one): Neat Cement <u>Bentonite</u> Mix	
Casing length: <u>270</u> feet Casing diameter: <u>2</u> inches Type of casing: <u>Sch 40 Plastic</u>	
Screen length: <u>10</u> feet Screen diameter: <u>2</u> inches Type of screen: <u>Sch 80 1"</u>	
Screen slot size: <u>6</u> inches Setting depth: From <u>0</u> feet to <u>280</u> feet	
Type of completion (circle all applicable): <u>Gravel packed</u> Underreamed Telescoped Open hole Natural Development	
Other (describe): _____	
Top of lap pipe or reduction in casing: _____ feet. <i>If telescoped or more than one screen, describe on next page</i>	

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: Jackson  
 Permit #: 0-780  
 Driller: W. Joel Pierce  
 Date completed: 11-24-07  
*Copy information from block on Part 1*

For Office Use Only:

Aquifer: \_\_\_\_\_  
 Well #: F-376  
 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>Charles English</u>	Latitude: <u>33-41-224</u> Longitude: <u>30 35 796</u>
Mailing Address: <u>Spring Lake Rd</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Hamblen</u> <u>MS</u> <u>39562</u>	USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
City State Zip Code	<u>NW 1/4 50 1/4 Sec 21 T 55 R 7W</u>
Telephone No. ( <u>601</u> ) <u>366 6054</u>	Distance Direction Nearest Town <u>6</u> Miles <u>West</u> of <u>Wade, MS</u>

Pump Type Circle one	Power Type Circle one
Air Lift <input type="radio"/> 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>2</u>
Date Pump Installed: <u>11-24-07</u>	Setting Depth: <u>120 Jet and</u> feet
Rated Pump Capacity: <u>5</u> Gallons Per Minute	Number of Stages: <u>3</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>11-24-07</u>	<input checked="" type="radio"/> Air Line <input type="radio"/> Electric Measuring Line <input type="radio"/> Steel Tape
Static Water Level (A): <u>5</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>100</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>2</u> Feet Below Land Surface	Well yielded <u>5</u> GPM with a drawdown of
Test Pumping Rate: <u>5</u> Gallons Per Minute	<u>2</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.

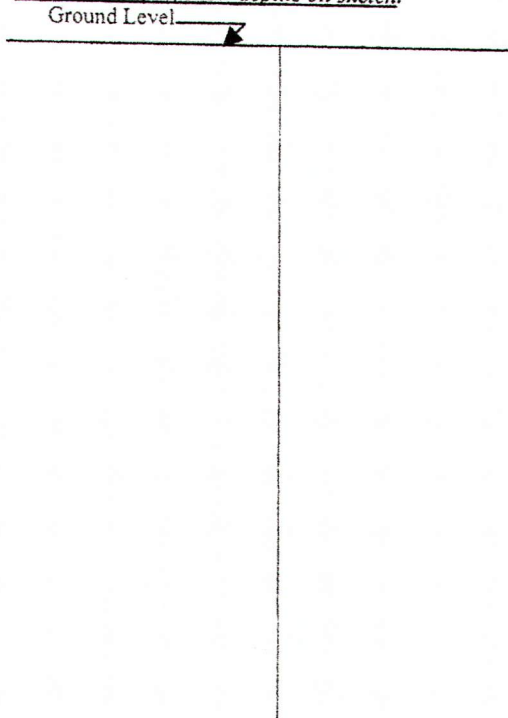
Joel Pierce 0-780 Joel Pierce  
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

BY: OLWR

F-376

The sketch below only required for water wells.

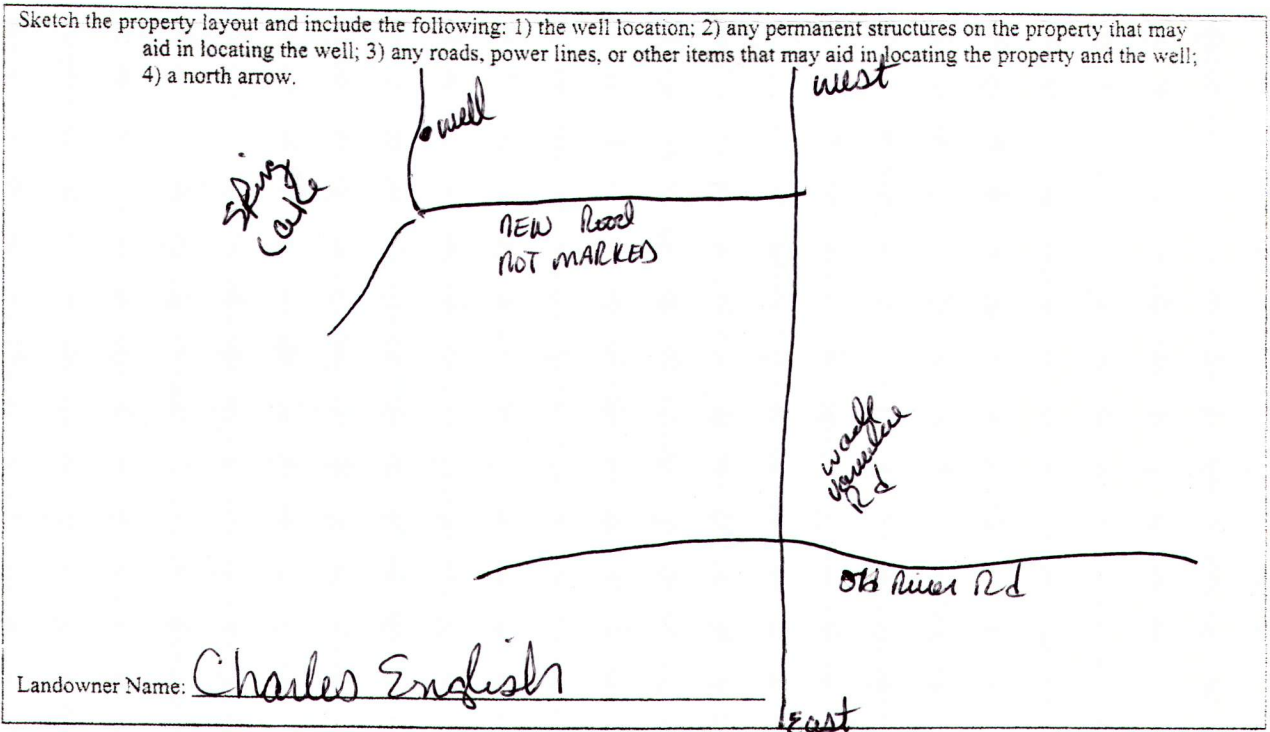
If well telescopes, show depths on sketch.



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)
white sand	0	10
grey clay	10	50
yellow sand	50	100
grey clay	100	230
grey sand	230	280

If more than one screen, show location of each on sketch



Form: OLWR-SWR-1A

I 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.

Joel Pirel      0-780      11-24-07

Print Name of Responsible Licensee and License No.      Date

**RECEIVED**  
Joel Pirel  
Signature of Licensee

**BY: OLWR**