

County: Yalobusha  
 Permit #: \_\_\_\_\_  
 Driller: Jonas W. Mason  
 Date drilling completed: 10-2-06

**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 #: E-61  
 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>Robert Hardin</u>	Latitude: <u>34.03</u> <sup>34</sup> <u>.568</u> Longitude: <u>89.50</u> <sup>19</sup> <u>.316</u>
Mailing Address: <u>6386 County Line Road 216</u>	Method of Lat/Long (circle one): Conventional Survey, _____
City: <u>Oakland</u> State: <u>MS</u> Zip Code: <u>38948</u>	USGS quad, <u>(Hand-held GPS)</u> Survey-grade GPS
Telephone No. <u>(662) 663-0150</u>	NE 1/4 SW 1/4 Sec <u>1</u> Twn <u>25N</u> Rng <u>6W</u>
	Distance: <u>4.14</u> Miles Direction: <u>NE</u> of Nearest Town: <u>Oakland</u>

**Well / Borehole Data**

Date drilling started: 10-2-06 Date drilling completed: 10-2-06 Hole depth: 205' Hole diameter: 6 3/4

Location of the source of any surface water used for drilling: NA  
 Method of dosing and volume of Chlorine used in drilling and development: NA

Logs run (circle all applicable): (No log run) Electric Gamma Ray Density Sonic Neutron Other: \_\_\_\_\_  
 Name of organization running log(s): NA

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 NA Other (describe) 3

Static Water Level: 90 feet above or below (circle one) land surface Date measured: 10-3-06

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

Well depth: 205 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement (Bentonite) Mix

Casing length: 185 feet Casing diameter: 4 inches Type of casing: pvc

Screen length: 20 feet Screen diameter: 4 inches Type of screen: pvc

Screen slot size: .010 inches Setting depth: From 185 feet to 205 feet

Type of completion (circle all applicable): (Gravel packed) Underreamed Telescoped Open hole Natural Development  
 Other (describe): NA

Top of lap pipe or reduction in casing: NA feet. ***If telescoped or more than one screen, describe on next page***

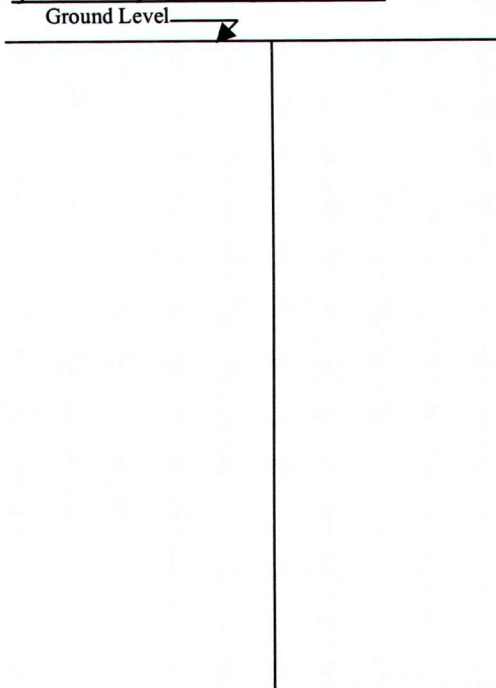
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E-61

The sketch below only required for water wells

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

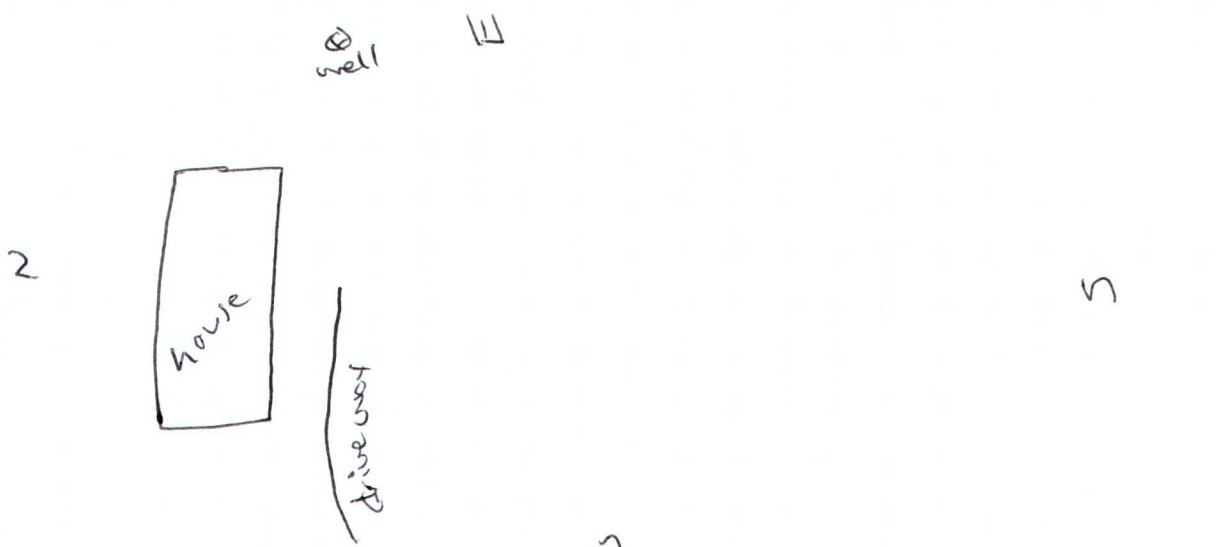
If well telescopes, show depths on sketch.



Description of Formations Encountered	From (depth)	To (depth)
Clay dirt	Ground Level	11
white sand	11	35
hard rock	35	37
Black clay	37	90
hard rock	90	93
Black clay	93	140
hard rock	140	141
Black clay	141	160
hard rock	160	162
Black clay	162	180
hard rock	180	181
gray sand	181	205

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) a north arrow.



Landowner Name: Robert Hardin 3

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.

Jones W. Mason 0-620 10-24-06  
 Print Name of Responsible Licensee and License No. Date

Jones W. Mason  
 Signature of Licensee

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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: Yalobusha  
 Permit #: \_\_\_\_\_  
 Driller: Jones W. Mason  
 Date completed: 10-3-06  
*Copy information from block on Part 1*

**For Office Use Only:**

Aquifer: \_\_\_\_\_  
 Well #: E-61  
 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>Robert Hordin</u>	Latitude: <u>34-03-568</u> Longitude: <u>89-50-316</u>
Mailing Address: <u>6386 countyline rd 216</u>	Method of Lat/Long (check one): Conventional Survey <input type="checkbox"/> , USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
<u>Oakland</u> MS <u>38948</u> City State Zip Code	<u>NE 1/4 SW 1/4 Sec 1 T25N R6W</u>
Telephone No. <u>(662) 663-0150</u>	Distance Direction Nearest Town <u>4.4</u> Miles <u>NE</u> of <u>Oakland</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input type="checkbox"/> <u>Submersible</u> <input checked="" type="checkbox"/>	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston <input type="checkbox"/> Turbine <input type="checkbox"/>	<u>Electric Motor</u> <input checked="" type="checkbox"/> Hand <input type="checkbox"/> Tractor PTO <input type="checkbox"/>
Centrifugal Rotary <input type="checkbox"/> Flowing Well <input type="checkbox"/>	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>3/4</u>
Date Pump Installed: <u>10-3-06</u>	Setting Depth: <u>120</u> feet
Rated Pump Capacity: <u>12</u> Gallons Per Minute	Number of Stages: <u>11</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>10-3-06</u>	Air Line Electric Measuring Line Steel Tape
Static Water Level (A): <u>90</u> Feet Below Land Surface	Other (specify): <u>string weight</u>
Pumping Water Level (B): <u>NA</u> Feet Below Land Surface	For flowing well, measured shut in head: <u>NA</u> feet
Drawdown [(B) - (A)]: <u>NA</u> Feet Below Land Surface	Well yielded <u>12</u> GPM with a drawdown of <u>NA</u> feet after <u>24</u> hours of pumping
Test Pumping Rate: <u>12</u> Gallons Per Minute	
Duration of Pump Test (minimum 4 hours): <u>24</u> hours	

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

Jones W. Mason 0-620      Jones W. Mason  
 Print Name of Pump Installer and License No. (if applicable)      Signature of Pump Installer

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 Form: OLWR-SWR-1B  
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