

County: Desoto  
 Permit #: MS-6W16211  
 Driller: Jones W. Mason  
 Date drilling completed: 8-11-05

**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 #: G-92  
 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>Frank Roberts</u>	Latitude: <u>34° 55' 99.5"</u> Longitude: <u>89° 57' 33.2"</u>
Mailing Address: <u>1925 Church rd. East.</u>	Method of Lat/Long (circle one): Conventional Survey, <u>36 00 20</u>
<u>Southaven</u> <u>MS</u> <u>38671</u>	USGS quad, <u>Hand-held GPS</u> Survey-grade GPS
City State Zip Code	<u>NE 1/4 NE 1/4</u> Sec <u>8</u> Twn <u>25</u> Rng <u>7w</u>
Telephone No. <u>(662) 349-3609</u>	Distance <u>4</u> Miles Direction <u>NW</u> of Nearest Town <u>pleasant hill</u>

**Well / Borehole Data**

Date drilling started: 8-11-05 Date drilling completed: 8-11-05 Hole depth: 280' Hole diameter: 10"

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) ~~\_\_\_\_\_~~

Static Water Level: 135 feet above or below (circle one) land surface Date measured: 8-23-05

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

Well depth: 280 Well grouted to a depth of 50 feet Type of grout (circle one): Neat Cement  Bentonite  Mix

Casing length: 240 feet Casing diameter: 6 inches Type of casing: pvc

Screen length: 40 feet Screen diameter: 6 inches Type of screen: pvc

Screen slot size: 013 inches Setting depth: From 240 feet to 280 feet

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

Other (describe): \_\_\_\_\_

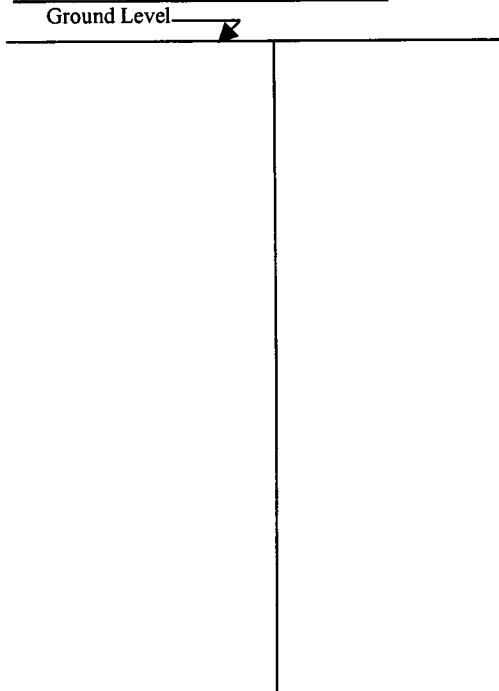
Top of lap pipe or reduction in casing: NA feet. *If telescoped or more than one screen, describe on next page*

Form: OLWR-SWR-1A

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The sketch below only required for water wells

If well telescopes, show depths on sketch.

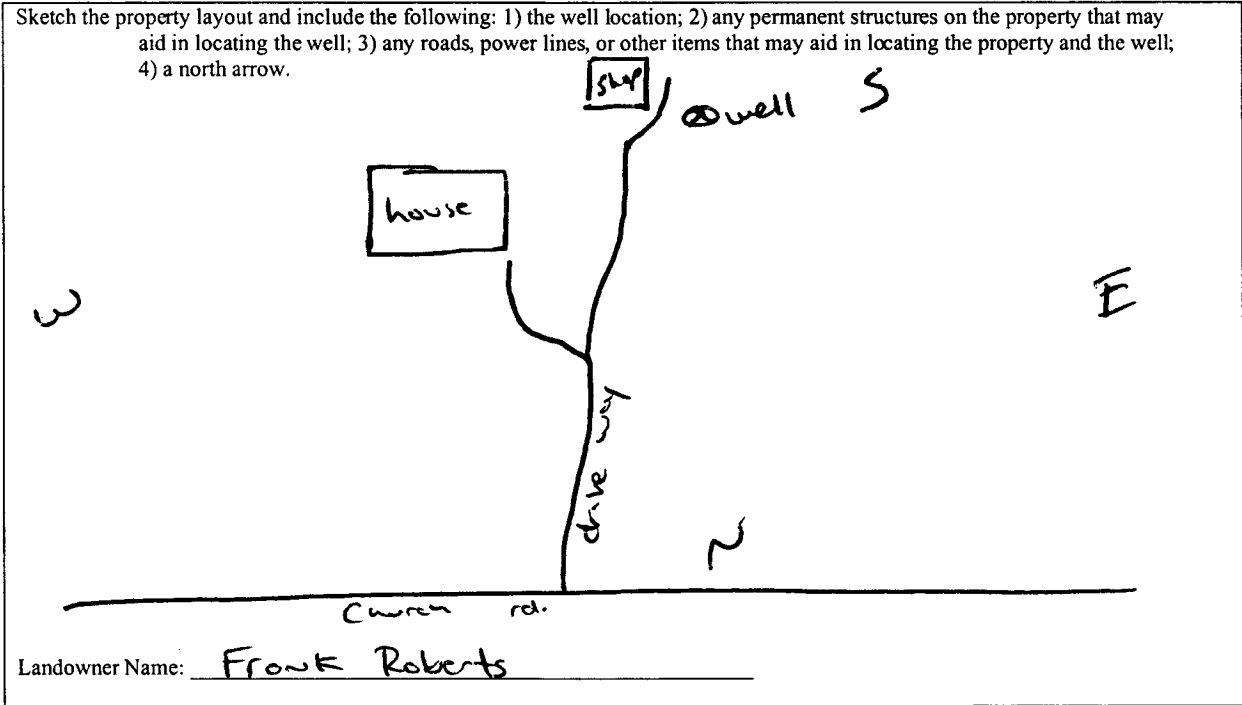


Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

Description of Formations Encountered	From (depth)	To (depth)
clay dirt	Ground Level	30
gravel	30	90
white clay	90	110
white sand	110	180
white clay	180	215
white sand	215	280

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.



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.

James W. Mason 0630      9-7-05  
 Print Name of Responsible Licensee and License No.      Date

James 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: Desoto  
 Permit #: MS-6W16211  
 Driller: Jones W. Masow  
 Date completed: 8-23-05  
*Copy information from block on Part 1*

For Office Use Only:

Aquifer: \_\_\_\_\_  
 Well #: G-92  
 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>Frank Roberts</u>	Latitude: <u>34.55.995</u> Longitude: <u>89.57.332</u>
Mailing Address: <u>1925 church rd E.</u>	Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
<u>Southaven MS 38671</u> City State Zip Code	<u>NE 1/4 NE 1/4 Sec 8 T 2s R 7w</u>
Telephone No. <u>(662) 349-3609</u>	Distance Direction Nearest Town <u>4</u> Miles <u>nw</u> of <u>pleasant hill</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input type="checkbox"/> <u>Submersible</u>	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston <input type="checkbox"/> Turbine <input type="checkbox"/>	<u>Electric Motor</u> 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>15</u>
Date Pump Installed: <u>8-23-05</u>	Setting Depth: <u>210</u> feet
Rated Pump Capacity: <u>300</u> Gallons Per Minute	Number of Stages: <u>6</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>8-23-05</u>	Air Line Electric Measuring Line Steel Tape
Static Water Level (A): <u>135</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>300</u> GPM with a drawdown of <u>NA</u> feet after <u>24</u> hours of pumping
Test Pumping Rate: <u>300</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. Masow Signature of Pump Installer  
 Print Name of Pump Installer and License No. (if applicable)

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 Form: OLWR-SWR-1B  
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 BY: OLWR