

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)

County: Oesoto
 Permit #: _____
 Driller: Jones w Masers
 Date drilling completed: 3-9-07

For Office Use Only:

Aquifer: _____
 Well #: F-145
 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.

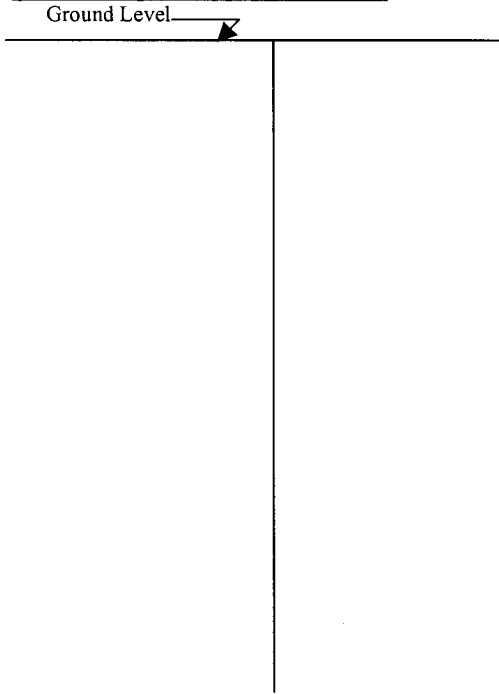
Information on Well Owner <i>(Landowner if borehole is not for a water well)</i>	Well or Borehole Location
Owner Name: <u>David Cody</u> Mailing Address: <u>1951 dean rd</u> <u>Nesbit MS 38651</u> City State Zip Code Telephone No. <u>(901) 508-9950</u>	Latitude: <u>34° 52' 798"</u> Longitude: <u>90° 01' 497"</u> Method of Lat/Long (circle one): <u>48</u> Conventional Survey, <u>30</u> USGS quad: <u>Hand-held GPS</u> Survey-grade GPS <u>NE 1/4 SW 1/4 Sec 26 Twn 2S Rng 8W</u> Distance Direction Nearest Town <u>3/4 Miles SW of Nesbit</u>
Well / Borehole Data	
Date drilling started: <u>3-9-07</u> Date drilling completed: <u>3-9-07</u> Hole depth: <u>138'</u> Hole diameter: <u>6 3/4</u> Location of the source of any surface water used for drilling: <u>NA</u> Method of dosing and volume of Chlorine used in drilling and development: <u>NA</u> Logs run (circle all applicable): <u>No log run</u> Electric Gamma Ray Density Sonic Neutron Other: _____ Name of organization running log(s): <u>NA</u> Purpose of borehole (check one): Water Well <input type="checkbox"/> Geotechnical/Geological Investigation <input checked="" 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 (check one): Home <input checked="" type="checkbox"/> Industrial <input type="checkbox"/> Public Supply <input type="checkbox"/> Irrigation <input type="checkbox"/> Fish Culture <input type="checkbox"/> Other: _____ If a flowing well, method of flow regulation: Valve <u>NA</u> Other (describe) _____ Static Water Level: <u>35</u> feet above or below (circle one) land surface Date measured: <u>3-13-07</u> Method of Measurement (circle one) steel tape electric tape air line other: <u>String Weight</u> Well depth: <u>138</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>128</u> feet Casing diameter: <u>4</u> inches Type of casing: <u>pvc</u> Screen length: <u>10</u> feet Screen diameter: <u>4</u> inches Type of screen: <u>pvc</u> Screen slot size: <u>010</u> inches Setting depth: From <u>128</u> feet to <u>138</u> feet Type of completion (circle all applicable): <u>Gravel packed</u> Underreamed Telescoped Open hole Natural Development Other (describe): <u>NA</u> Top of lap pipe or reduction in casing: <u>NA</u> feet. <i>If telescoped or more than one screen, describe on next page</i>	

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F-145

The sketch below only required for water wells

If well telescopes, show depths on sketch.

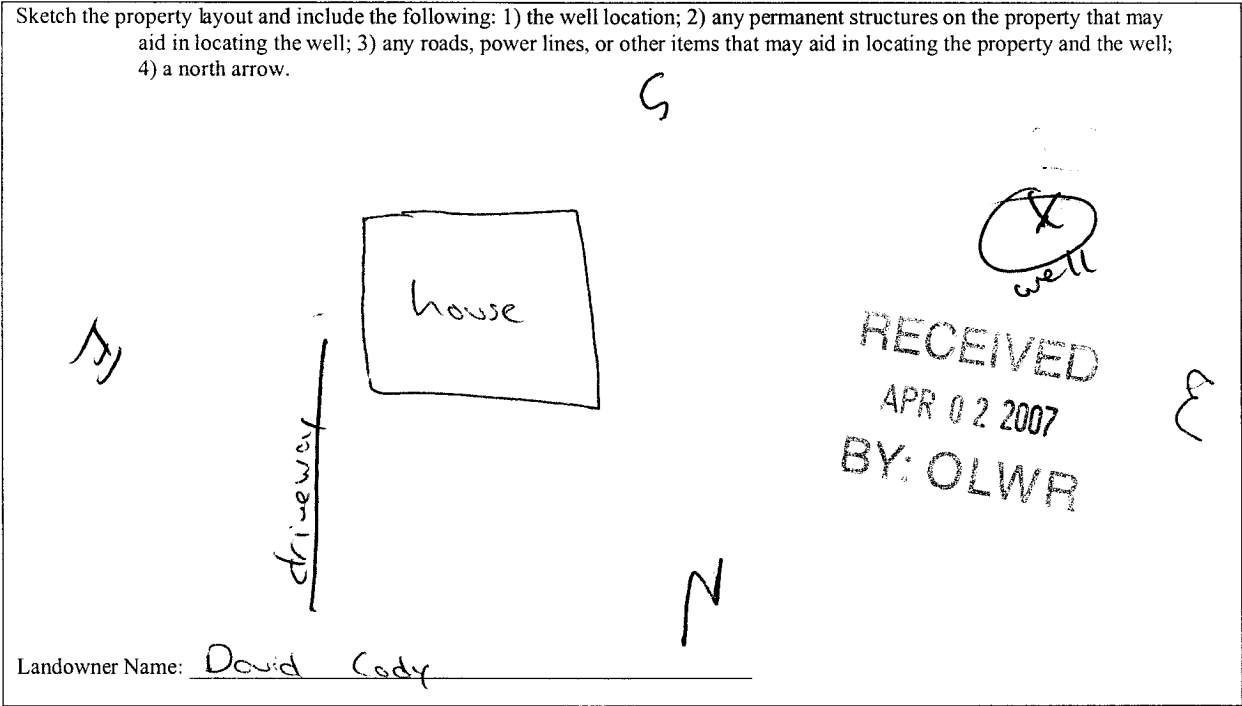


Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

Description of Formations Encountered	From (depth)	To (depth)
clay dirt.	Ground Level	30
white clay	30	35
gravel	35	60
Blue clay	60	100
white sand	100	138

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.

Jones W. Mason 0-620 3-29-07.
 Print Name of Responsible Licensee and License No. Date

Jones W. Mason
 Signature of Licensee

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 #: _____
 Driller: Jones W. Mason
 Date completed: 3-13-07
Copy information from block on Part 1

For Office Use Only:

Aquifer: _____
 Well #: F-145
 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>David Cody</u>	Latitude: <u>34.52.798</u> Longitude: <u>90.01.497</u>
Mailing Address: <u>1951 clear rd.</u>	Method of Lat/Long (check one): Conventional Survey <u>48</u> <u>30</u>
<u>Nesbit</u> <u>MS</u> <u>38651</u>	USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
City State Zip Code	<u>NE 1/4 SW 1/4 Sec 26 T 25 R 8W</u>
Telephone No. <u>(901) 508-9950</u>	Distance Direction Nearest Town <u>3/4</u> Miles <u>SW</u> of <u>Nesbit</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input type="checkbox"/> <input checked="" type="checkbox"/> <u>Submersible</u>	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston Turbine	<input checked="" type="checkbox"/> <u>Electric Motor</u> Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: _____
Date Pump Installed: <u>3-13-07</u>	Setting Depth: <u>60</u>
Rated Pump Capacity: <u>12</u> Gallons Per Minute	Number of Stages: <u>11</u>

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Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>3-13-07</u>	Air Line Electric Measuring Line Steel Tape
Static Water Level (A): <u>35</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
Test Pumping Rate: <u>12</u> Gallons Per Minute	<u>NA</u> feet after <u>24</u> hours of pumping
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 0620 Jones W. Mason
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer