

0170002-05

County: DeSoto  
Permit #: MS-GW-16545  
Driller: Donald Smith Co.  
Date drilling completed: 05/17/11

### 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 #: L130  
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.

<p><b>Information on Well Owner</b> (Landowner if borehole is not for a water well)</p> <p>Owner Name: <u>North MS Utility Co., Inc</u> Mailing Address: <u>PO Box 362</u> <u>Hernando MS 38632</u> City State Zip Code Telephone No. ( ) _____</p>	<p><b>Well or Borehole Location</b></p> <p>Latitude: <u>34° 48' 48" N</u> Longitude: <u>89° 57' 09" W</u> Method of Lat/Long (circle one): Conventional Survey, <u>Hand-held GPS</u> Survey-grade GPS USGS quad, <u>NW 1/4 NW 1/4 Sec 21 Twn 03S Rng 07W</u> Distance Direction Nearest Town _____ Miles of _____ <u>Jaybird</u></p>
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**Well / Borehole Data**

Date drilling started: 12/06/10 Date drilling completed: 5/17/11 Hole depth: 323' Hole diameter: 9 7/8"  
Location of the source of any surface water used for drilling: public Water Supply  
Method of dosing and volume of Chlorine used in drilling and development: potable water used  
Logs run (circle all applicable): No log run Electric Gamma Ray Density Sonic Neutron Other: \_\_\_\_\_  
Name of organization running log(s): MS Geo Survey  
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: 141 feet above or below (circle one) land surface Date measured: 03/04/11  
Method of Measurement (circle one) steel tape electric tape air line other: \_\_\_\_\_  
Well depth: 295 Well grouted to a depth of 220 feet Type of grout (circle one): Neat Cement Bentonite Mix  
Casing length: 220 feet Casing diameter: 20 inches Type of casing: Carbon S+ - Coated IO  
Screen length: 70 feet Screen diameter: 12 inches Type of screen: SS  
Screen slot size: .030 inches Setting depth: From 225 feet to 295 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*



