

County: DeSoto
 Permit #: _____
 Driller: Jones W. Masow
 Date drilling completed: 5-14-06

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 #: M-187
 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>Southern Heritage Builders</u>	Latitude: <u>34° 48' 74.2"</u> Longitude: <u>89° 49' 86.1"</u>
Mailing Address: <u>LOT 12 Allen farms</u> <u>Coryelle lane</u>	Method of Lat/Long (circle one): Conventional Survey, <u>45</u> <u>32</u>
<u>Hernando MS 38637</u> City State Zip Code	USGS quad, <u>Hand-held GPS</u> Survey-grade GPS
Telephone No. <u>(901) 336-6250</u>	<u>SW</u> 1/4 <u>NE</u> 1/4 Sec <u>22</u> Twn <u>3S</u> Rng <u>6W</u>
	Distance Direction Nearest Town <u>314</u> Miles <u>NW</u> of <u>Cockrum</u>

Well / Borehole Data

Date drilling started: 5-14-06 Date drilling completed: 5-14-06 Hole depth: 155 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) _____

Static Water Level: 75 feet above or below (circle one) land surface Date measured: 5-14-06

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

Well depth: 155 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 145 feet Casing diameter: 4 inches Type of casing: pvc

Screen length: 10 feet Screen diameter: 4 inches Type of screen: pvc

Screen slot size: .010 inches Setting depth: From 145 feet to 155 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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 Form: OLWR-SWRV
 JUN 15 2006
 BY: OLWR

