

STATE WELL REPORT

Part I

Driller's Log

Mississippi Department of Environmental Quality
 Office of Land and Water Resources
 P.O. Box 2309
 Jackson, MS 39225-2309
 (601)961-5210
 (601)360 0535 (fax)

For Office Use Only:

Well #: C-140
 Aquifer: _____
 E-Log #: _____

County: Washington
 Permit #: GW-48463 ✓
 Driller: Clarence McMurry
 Date drilling completed: 7-23-14

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.

Well Owner Information (Landowner if borehole is not for a water well)			Well or Borehole Location		
Owner Name: <u>Helm Plantation Partnership</u>			Latitude: <u>33° 30' 41.90"</u> Longitude: <u>90° 48' 54.56"</u>		
Mailing Address: <u>6062 Hwy 61 North</u>			Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____		
<u>Leland</u>	<u>MS</u>	<u>38756</u>	<u>NE 1/4 NE 1/4, Sec 09 T 19N R 06W</u>		
City	State	Zip Code	<u>6.6</u> miles <u>South</u> of <u>Shaw</u> (Distance) (Direction) (Nearest Town)		
Telephone No. <u>(662) 820-1185</u>					

Well / Borehole Data

Date drilling started: 7-23-14 Date drilling completed: 7-23-14 Hole depth: 125' Hole diameter: 26"

Location of the source of any surface water used for drilling: Nearby well

Method of dosing and volume of Chlorine used in drilling and development: _____

Logs run (circle all applicable): No log run Electric Gamma Ray Density Sonic Neutron Other: _____

Name of organization running log(s): _____

Purpose of borehole (circle 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 (circle all applicable): Home Industrial Public Supply Irrigation Fish Culture

Other (describe): _____

If a flowing well, method of flow regulation: Valve _____ Other (describe) _____

Static Water Level: 36 feet [above or below] land surface Date measured: 7-25-14
 (circle one)

Method of measurement (circle one): Steel tape ~~Electric tape~~ Air line Other (describe): _____

Well depth: 124' Well grouted to a depth of: 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 68 feet Casing diameter: 16 inches Type of casing: PVC

Screen length: 56 feet Screen diameter: 16 inches Type of screen: PVC

Screen slot size: .05-0 inches Setting depth: From 68 feet to 124 feet

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

Other (describe): _____

Top of lap pipe or reduction in casing: N/A feet

If telescoped or more than one screen, describe on next page

STATE WELL REPORT

Part 2

Pump Installer's Completion Report
 Mississippi Department of Environmental Quality
 Office of Land and Water Resources
 P.O. Box 2309
 Jackson, MS 39225-2309
 (601)961-5210
 (601) 360-0535 (fax)

For Office Use Only:

Well #: C140

Aquifer: _____

County: Washington
 Permit #: GW-48463
 Driller: Michael Wells
 Date completed: 7-25-14
 Copy information from block on Part 1

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>Helm Plantations Partnership</u>		Latitude: <u>33° 30' 41.40"</u>	Longitude: <u>90° 48' 54.56"</u>
Mailing Address: <u>6062 Hwy 161 North</u>		Method of Lat/Long (check one): Conventional Survey _____	
<u>Lebanon</u>	<u>MS</u>	USGS quad _____	Hand-held GPS <input checked="" type="checkbox"/> Survey-grade GPS _____
City	State	<u>NE</u> 1/4 <u>NE</u> 1/4, Sec <u>09</u> T <u>19N</u> R <u>06W</u>	
<u>38756</u>	Zip Code	<u>6.6</u> Miles <u>South</u> of <u>Shaw</u>	
Telephone No. <u>(662) 820-1189</u>		(Distance)	(Direction) (Nearest Town)

Pump Type (circle one)
 Submersible Turbine Air Lift Centrifugal Flowing Well Jet Piston Rotary Other (describe): _____
 Date Pump Installed: 7-25-14 Rated Pump Capacity: _____ Gallons Per Minute
 Is This Pump (circle one): New Repaired Replacement

Power Type (circle one)
 Electric Diesel Gasoline Natural Gas Tractor PTO Windmill Other (describe): Gear Drive
 Horse Power Rating of Motor: 60 Setting Depth: 80 feet Number of Stages: 1

Pump Test Data for Non Flowing Well
 Date Well Tested: NOT TESTED Duration of Pump Test (minimum 4 hours): N/A hours
 Static Water Level (A): 36 Feet Below Land Surface Pumping Water Level (B): N/A Feet Below Land Surface
 Drawdown ((B) - (A)): N/A Feet Below Land Surface Test Pumping Rate: N/A Gallons Per Minute
 Method of measurement (circle one): Steel tape Electric tape Air line Other (describe): _____

Pump Test Data for Flowing Well
 Measured shut in head: _____ feet.
 Well yielded _____ GPM with a drawdown of _____ feet after _____ hours of pumping

Meter Installation
 Meter Manufacturer: MCrometer Meter Serial Number: 13-04519
 Meter Model Number/Name: M0310 Type of Meter: bolt on saddle
 Totalizer Register Unit and Multiplier Factor (AF x .001, gal x 1000, etc): gal x 1000
 Installation Date: 7-25-14 Meter Installed by: MidSouth Water, LLC
 Is This Meter (circle one): New Repaired Replacement
 Important: By submitting the above information you are certifying that this meter was installed to manufacturer standards. For agricultural wells, a list of approved meters is on the MDEQ website.

I HEREBY CERTIFY that the above statements are true to the best of my knowledge.
Clayton Miller 0-703 7-26-14 Clayton Miller
 Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer